

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016899.D
 Acq On : 19 Jun 2020 23:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 12:23:37 PM

Quant Time: Jun 22 06:30:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	269048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	419624	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	400873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211287	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	153819	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	5.46	113	130018	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	8.70	98	522857	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.12	95	240895	58.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	178296	54.000	ug/l	98
3) Chloromethane	1.31	50	161462	48.227	ug/l	99
4) Vinyl Chloride	1.39	62	196055	51.958	ug/l	99
5) Bromomethane	1.62	94	112938	49.708	ug/l	99
6) Chloroethane	1.71	64	121824	52.421	ug/l	99
7) Trichlorofluoromethane	1.92	101	272413	51.606	ug/l	99
8) Diethyl Ether	2.17	74	106606	51.943	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	130404	46.379	ug/l	98
10) Methyl Iodide	2.49	142	118069	44.109	ug/l	98
11) Tert butyl alcohol	3.01	59	146617	268.032	ug/l	99
12) 1,1-Dichloroethene	2.36	96	136892	47.612	ug/l	98
13) Acrolein	2.27	56	143800	433.588	ug/l	99
14) Allyl chloride	2.71	41	199755	52.524	ug/l	98
15) Acrylonitrile	3.12	53	347259	277.025	ug/l	100
16) Acetone	2.42	43	269114	229.103	ug/l	99
17) Carbon Disulfide	2.55	76	354629	47.727	ug/l	99
18) Methyl Acetate	2.75	43	170368	57.037	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	440139	53.717	ug/l	99
20) Methylene Chloride	2.84	84	141390	50.194	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	137593	50.697	ug/l	99
22) Diisopropyl ether	3.82	45	476040	65.332	ug/l	96
23) Vinyl Acetate	3.78	43	1985497	330.455	ug/l	98
24) 1,1-Dichloroethane	3.67	63	242222	53.218	ug/l	99
25) 2-Butanone	4.63	43	538696	333.225	ug/l	96
26) 2,2-Dichloropropane	4.56	77	215489	50.534	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	185379	60.772	ug/l	100
28) Bromochloromethane	4.98	49	111522	59.035	ug/l	92
29) Tetrahydrofuran	5.09	42	340736	334.666	ug/l	96
30) Chloroform	5.18	83	259711	54.048	ug/l	97
31) Cyclohexane	5.55	56	213084	53.251	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	234779	51.623	ug/l	100
36) 1,1-Dichloropropene	5.77	75	188315	48.604	ug/l	98
37) Ethyl Acetate	4.79	43	217036	63.399	ug/l	99
38) Carbon Tetrachloride	5.76	117	205935	47.370	ug/l	100

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Quant Time: Jun 22 06:30:12 2020
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 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	253982	56.377	ug/l	98
40) Benzene	6.12	78	565426	48.635	ug/l	100
41) Methacrylonitrile	5.00	41	117449	63.196	ug/l	97
42) 1,2-Dichloroethane	6.16	62	192838	46.613	ug/l	99
43) Isopropyl Acetate	6.41	43	301984	50.515	ug/l	100
44) Trichloroethene	7.19	130	191347	53.742	ug/l	97
45) 1,2-Dichloropropane	7.49	63	173121	59.236	ug/l	96
46) Dibromomethane	7.64	93	113825	57.430	ug/l	98
47) Bromodichloromethane	7.88	83	245862	58.326	ug/l	100
48) Methyl methacrylate	7.74	41	194363	69.044	ug/l	98
49) 1,4-Dioxane	7.71	88	79888	1267.759	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	969026	269.501	ug/l	100
52) Toluene	8.76	92	393084	50.968	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	229672	49.561	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	282973	57.078	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	148484	50.992	ug/l	96
56) Ethyl methacrylate	9.16	69	228931	54.308	ug/l	98
57) 1,3-Dichloropropane	9.35	76	246475	49.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	645728	329.207	ug/l	97
59) 2-Hexanone	9.47	43	692773	266.059	ug/l	99
60) Dibromochloromethane	9.57	129	176289	50.466	ug/l	100
61) 1,2-Dibromoethane	9.65	107	157374	49.801	ug/l	99
64) Tetrachloroethene	9.32	164	168462	45.381	ug/l	99
65) Chlorobenzene	10.12	112	410514	50.570	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	159795	50.792	ug/l	99
67) Ethyl Benzene	10.24	91	711279	51.932	ug/l	99
68) m/p-Xylenes	10.34	106	547109	102.653	ug/l	100
69) o-Xylene	10.68	106	262979	53.363	ug/l	98
70) Styrene	10.70	104	482955	57.677	ug/l	99
71) Bromoform	10.84	173	160303	60.605	ug/l	99
73) Isopropylbenzene	11.00	105	818492	60.166	ug/l	100
74) N-amyl acetate	10.88	43	347319	73.115	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	234180	60.964	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	228895m	59.318	ug/l	
77) Bromobenzene	11.24	156	220390	59.403	ug/l	99
78) n-propylbenzene	11.34	91	843784	55.577	ug/l	100
79) 2-Chlorotoluene	11.40	91	602116	64.820	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	699913	59.631	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	84348	53.528	ug/l	97
82) 4-Chlorotoluene	11.49	91	663725	59.559	ug/l	100
83) tert-Butylbenzene	11.76	119	652408	56.178	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	654240	54.111	ug/l	99
85) sec-Butylbenzene	11.93	105	687618	50.982	ug/l	99
86) p-Isopropyltoluene	12.05	119	624550	50.539	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	336685	49.672	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	330361	48.193	ug/l	100
89) n-Butylbenzene	12.37	91	508705	48.005	ug/l	99
90) Hexachloroethane	12.58	117	110895	49.817	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	317765	48.562	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48535	53.288	ug/l	97

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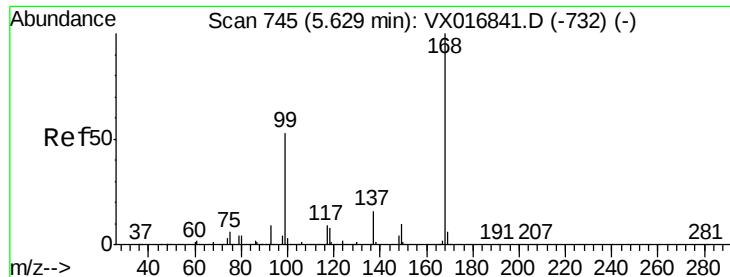
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	224011	50.981	ug/l	99
94) Hexachlorobutadiene	13.77	225	81091	40.898	ug/l	97
95) Naphthalene	13.82	128	727980	56.432	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	221779	50.612	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 269048

Ion Ratio Lower Upper

168 100

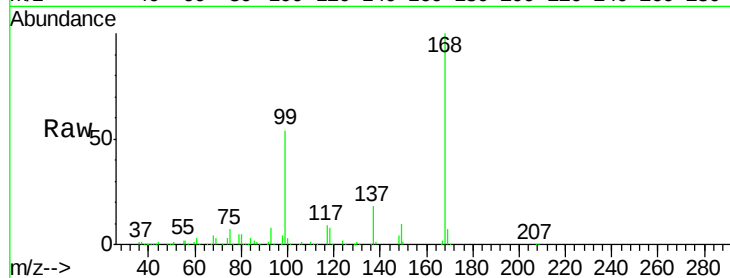
99 54.2 42.2 63.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

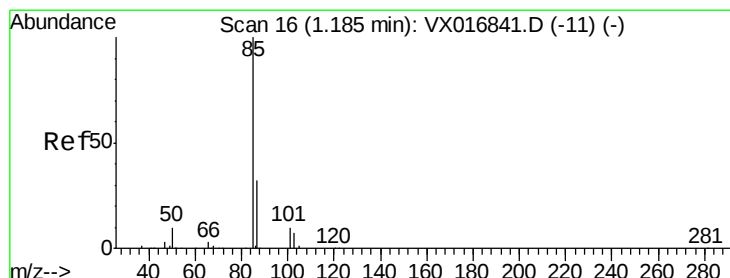
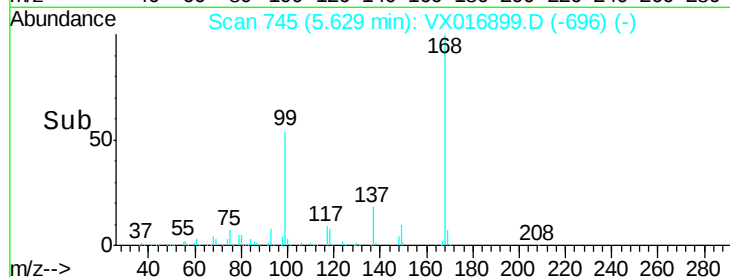
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.000 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016899.D

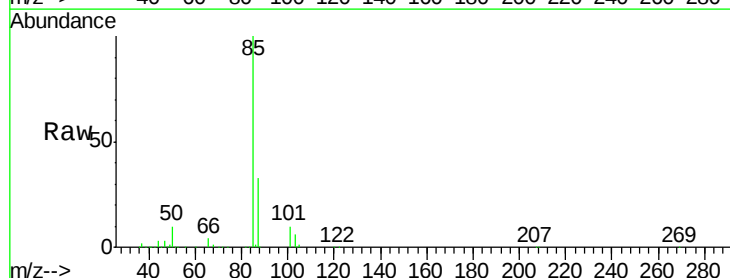
Acq: 19 Jun 2020 23:26

Tgt Ion: 85 Resp: 178296

Ion Ratio Lower Upper

85 100

87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

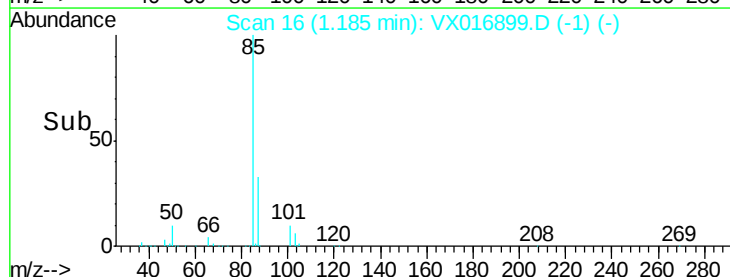
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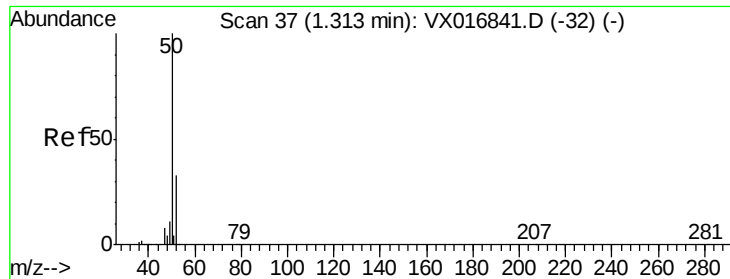
100000

50000

0

Time-->





#3

Chloromethane

Concen: 48.227 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 161462

Ion Ratio Lower Upper

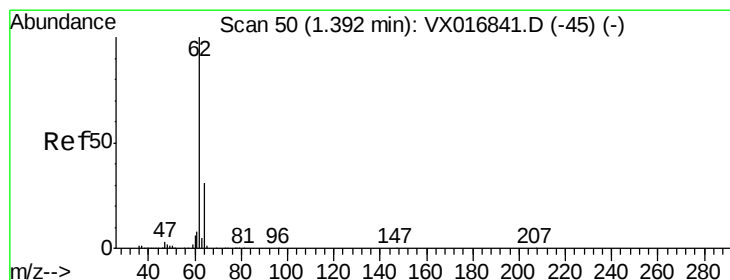
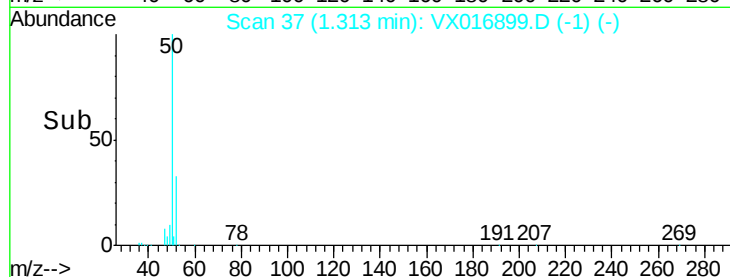
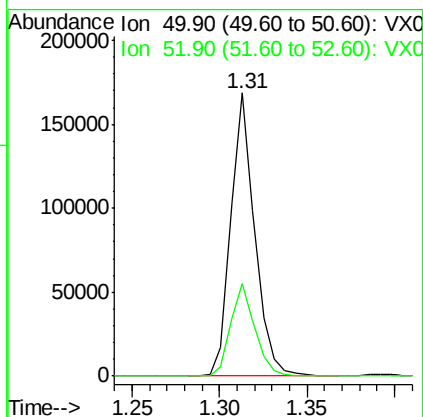
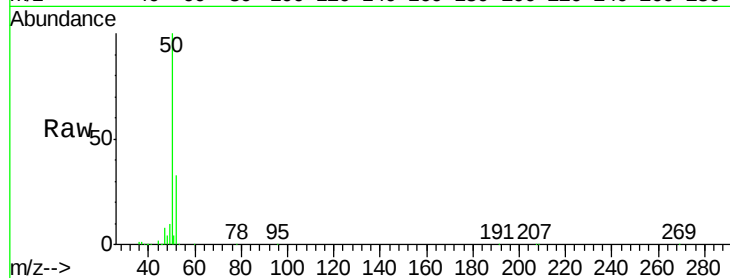
50 100

52 32.9 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 51.958 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016899.D

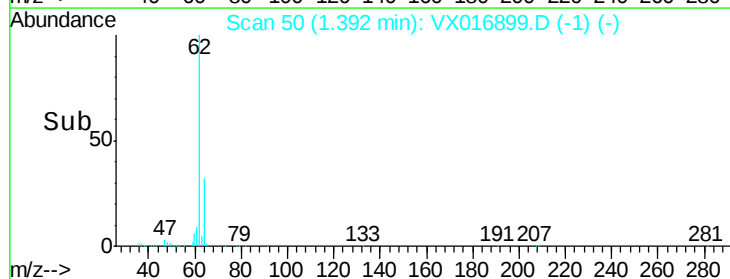
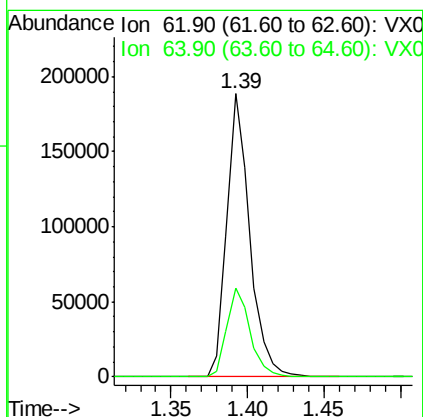
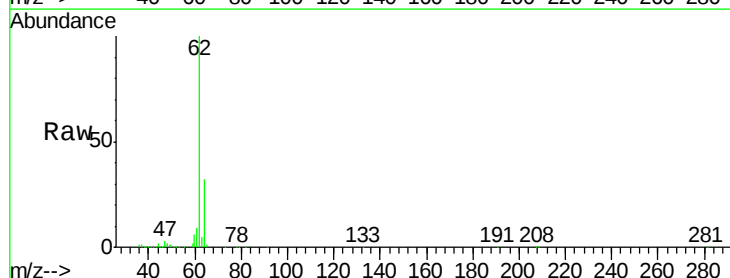
Acq: 19 Jun 2020 23:26

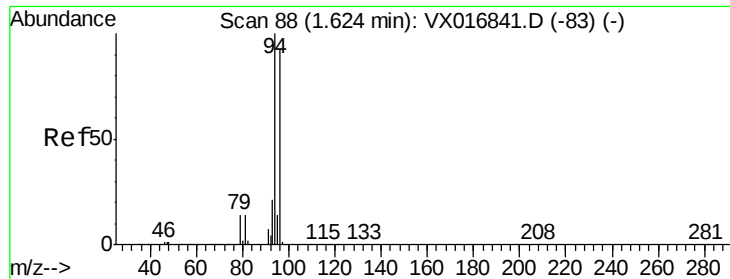
Tgt Ion: 62 Resp: 196055

Ion Ratio Lower Upper

62 100

64 31.5 25.0 37.4





#5

Bromomethane

Concen: 49.708 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 112938

Ion Ratio Lower Upper

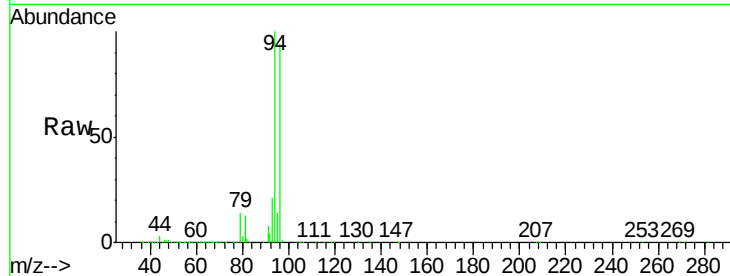
94 100

96 94.0 74.4 111.6

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

120000

100000

80000

60000

40000

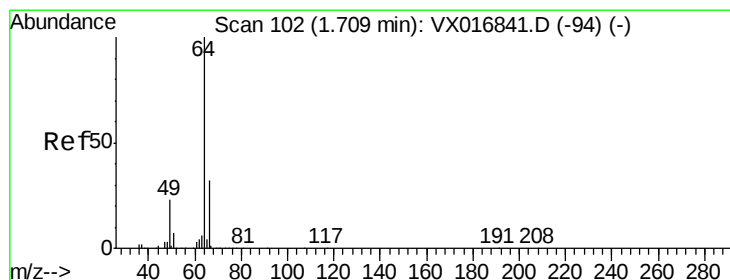
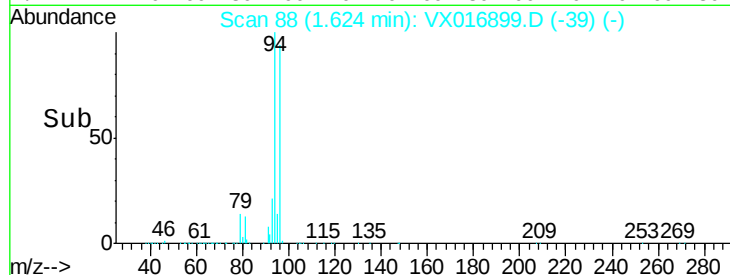
20000

0

1.62

1.60 1.70

Time-->



#6

Chloroethane

Concen: 52.421 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016899.D

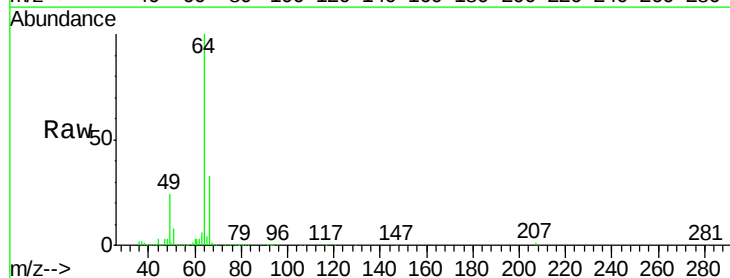
Acq: 19 Jun 2020 23:26

Tgt Ion: 64 Resp: 121824

Ion Ratio Lower Upper

64 100

66 32.5 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

100000

80000

60000

40000

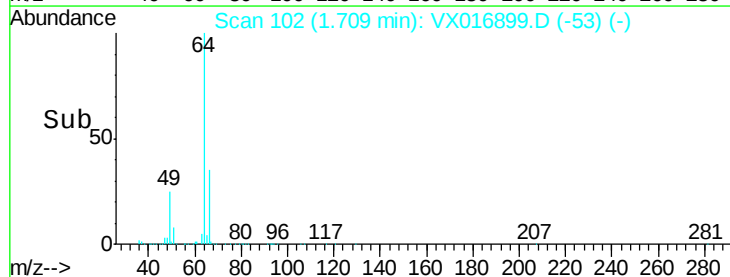
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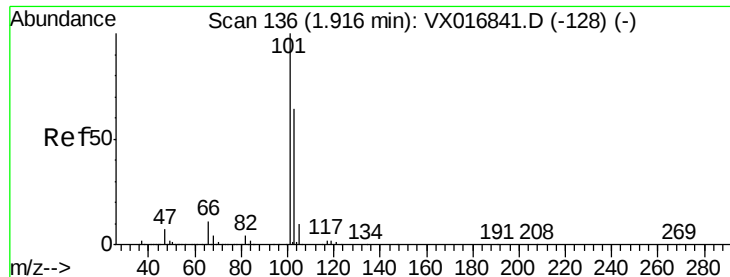
0

1.71

1.60 1.80

Time-->





#7

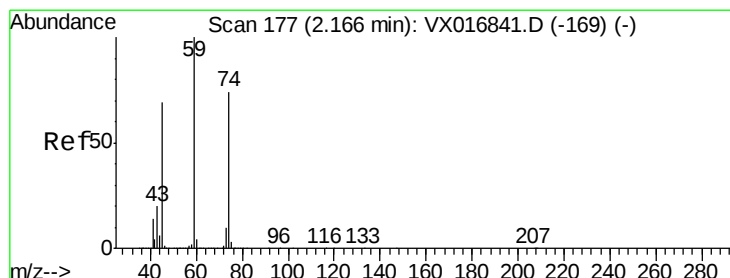
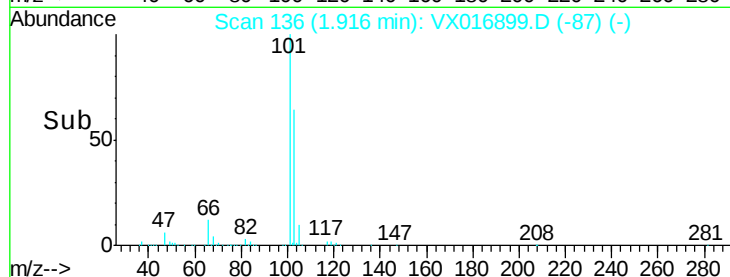
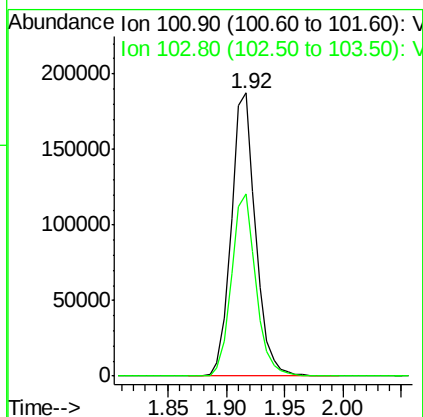
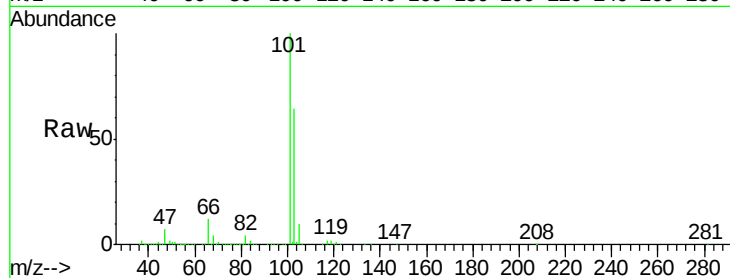
Trichlorofluoromethane
Concen: 51.606 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.2	76.8

Manual Integrations
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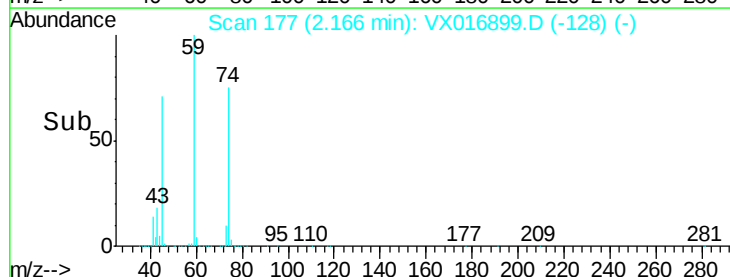
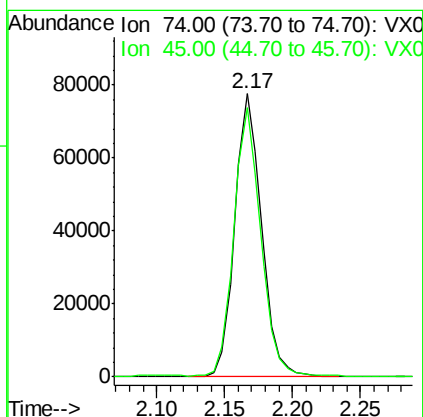
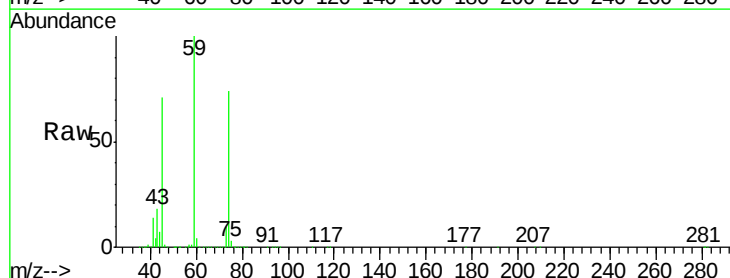
MMDadoda
6/22/2020 12:23:37 PM

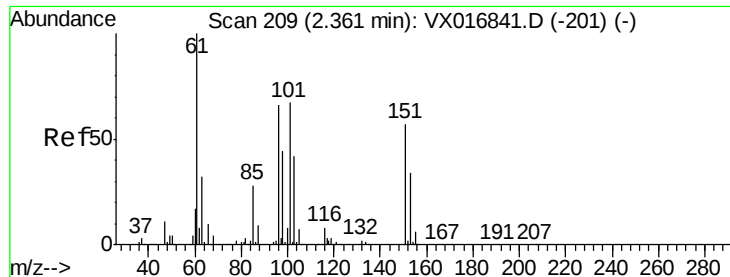


#8

Diethyl Ether
Concen: 51.943 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.5	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.379 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

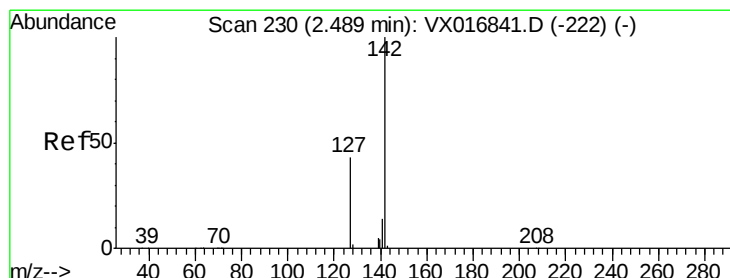
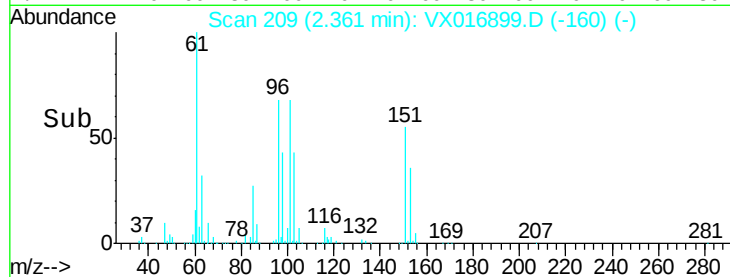
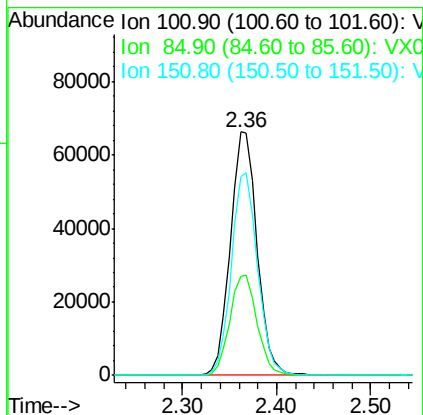
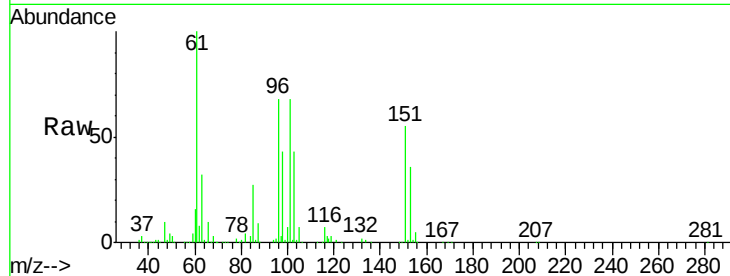
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	130404
Ion Ratio	Lower	Upper	
101	100		
85	41.8	34.3	51.5
151	82.1	67.6	101.4

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#10

Methyl Iodide

Concen: 44.109 ug/l

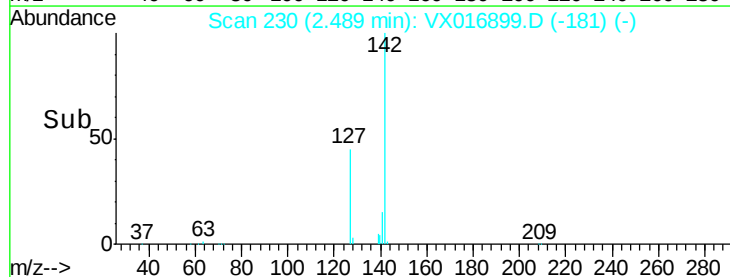
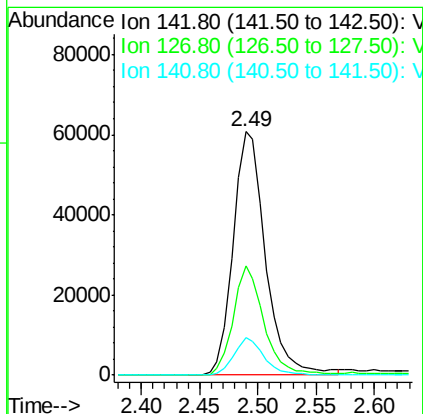
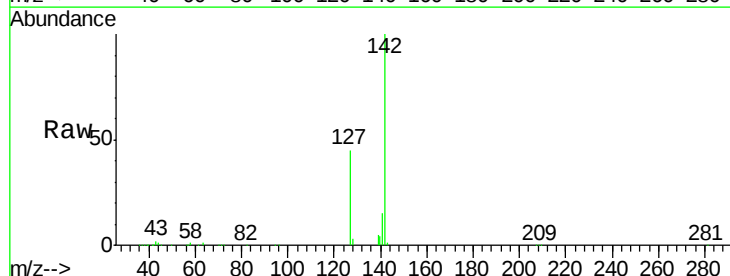
RT: 2.49 min Scan# 230

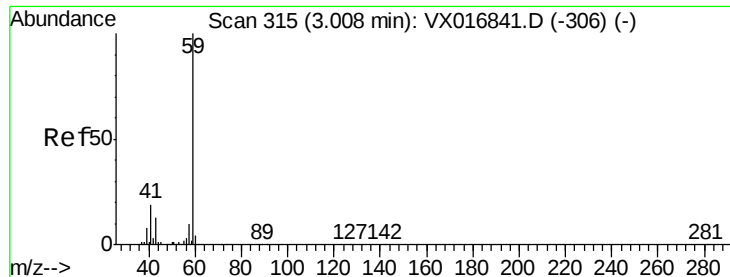
Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Tgt Ion:	142	Resp:	118069
Ion Ratio	Lower	Upper	
142	100		
127	42.3	35.1	52.7
141	14.6	11.6	17.4





#11

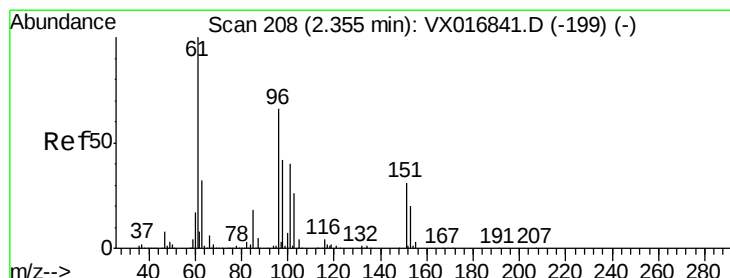
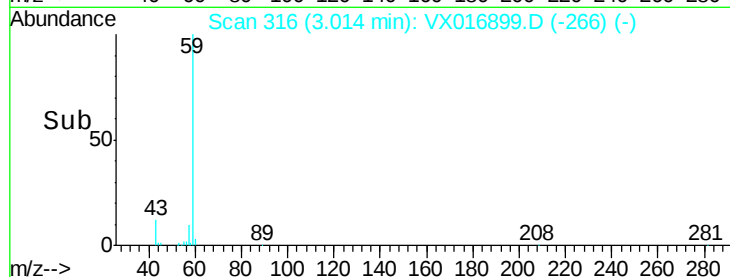
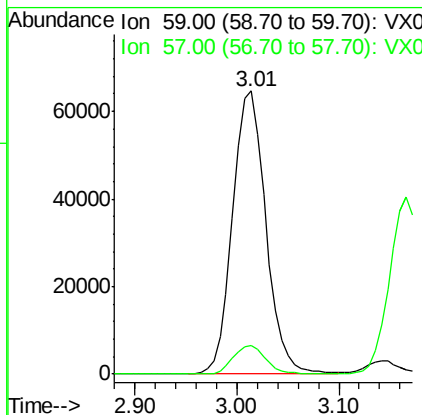
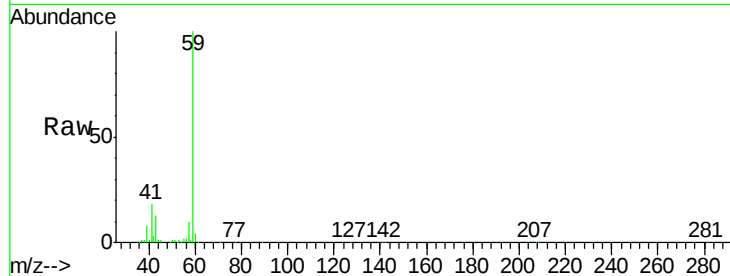
Tert butyl alcohol
Concen: 268.032 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.4	12.6

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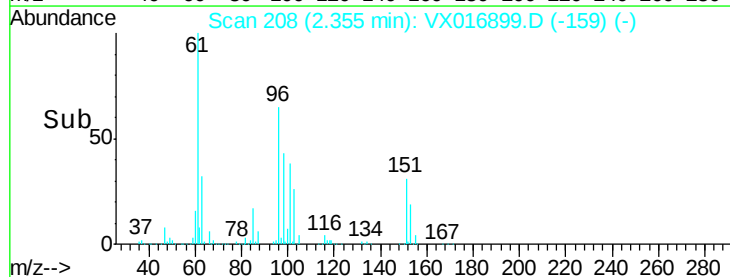
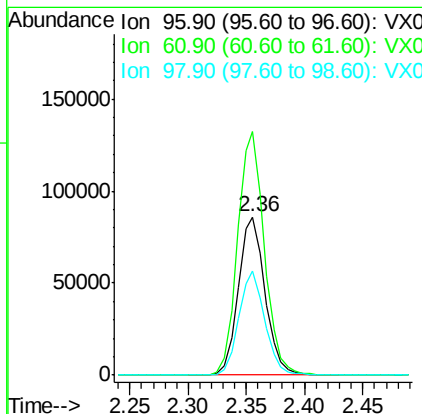
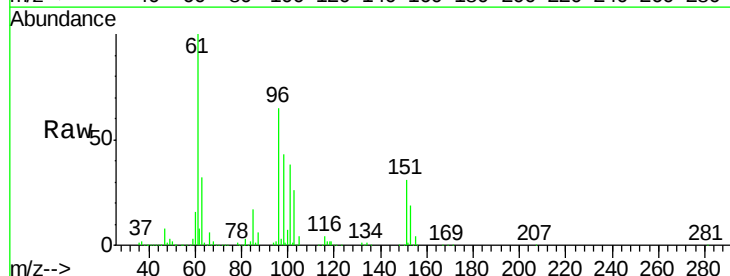
MMDadoda
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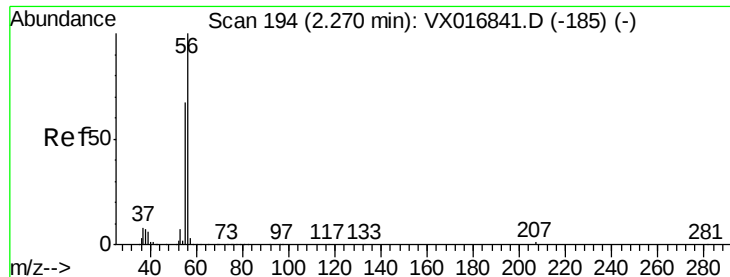


#12

1,1-Dichloroethene
Concen: 47.612 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.1	121.7	182.5
98	66.0	51.1	76.7





#13

Acrolein

Concen: 433.588 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 143800

Ion Ratio Lower Upper

56 100

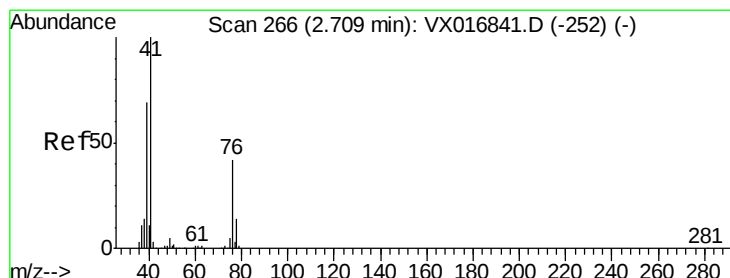
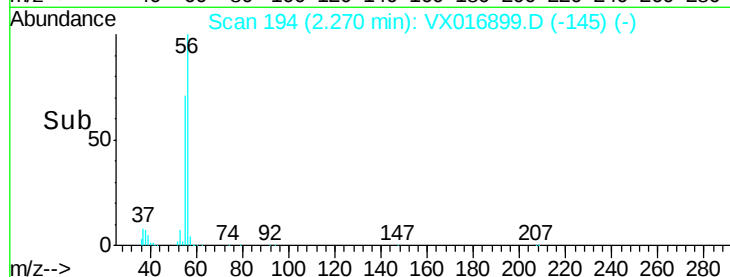
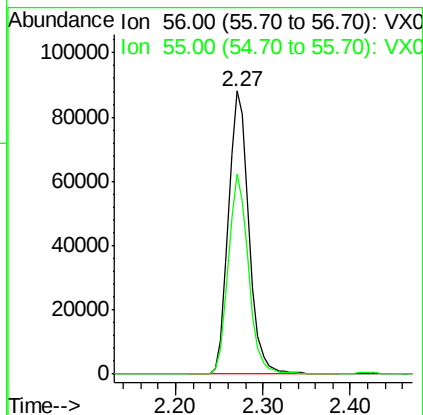
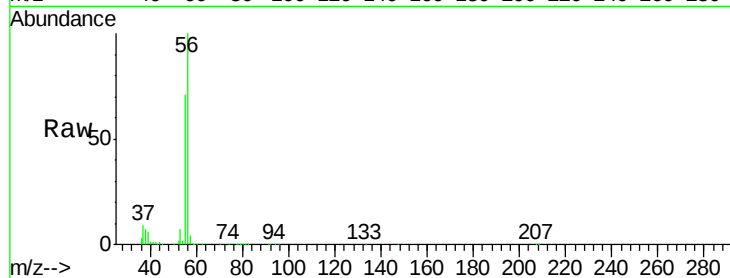
55 68.8 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 52.524 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

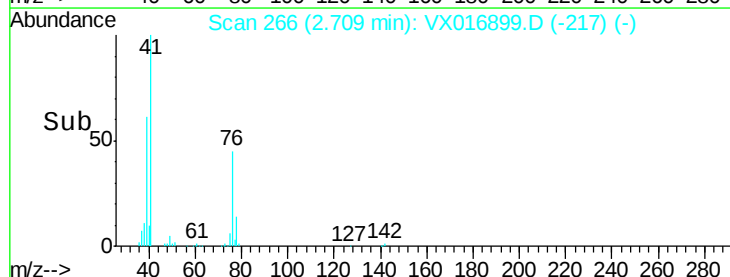
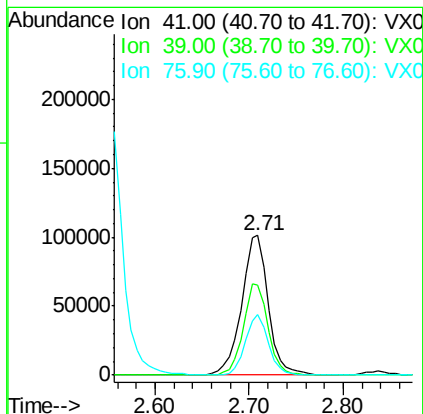
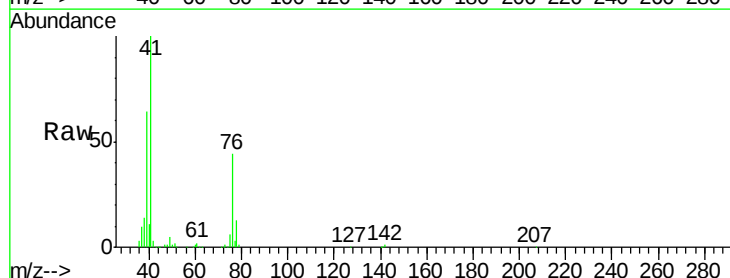
Tgt Ion: 41 Resp: 199755

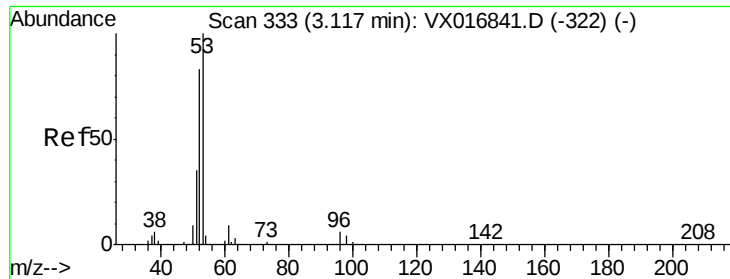
Ion Ratio Lower Upper

41 100

39 60.8 50.7 76.1

76 38.3 30.9 46.3





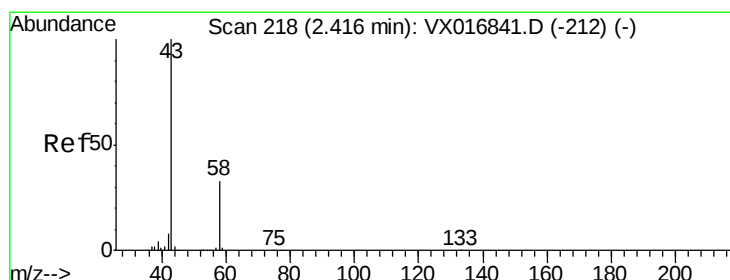
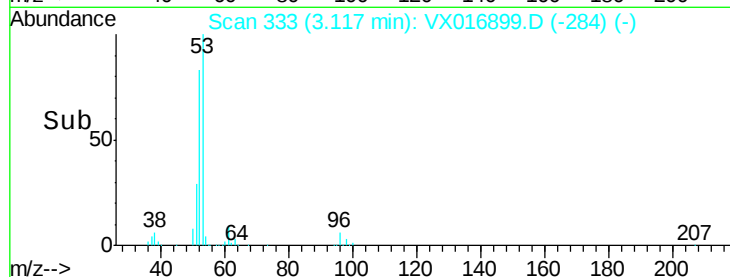
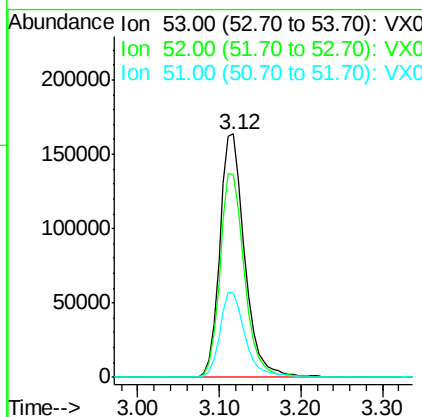
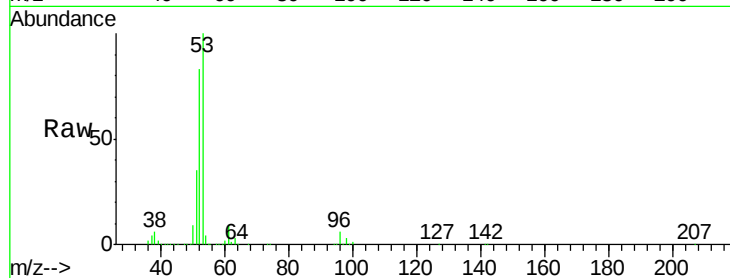
#15
 Acrylonitrile
 Concen: 277.025 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX016899.D
 Acq: 19 Jun 2020 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.2	99.2
51	35.3	28.7	43.1

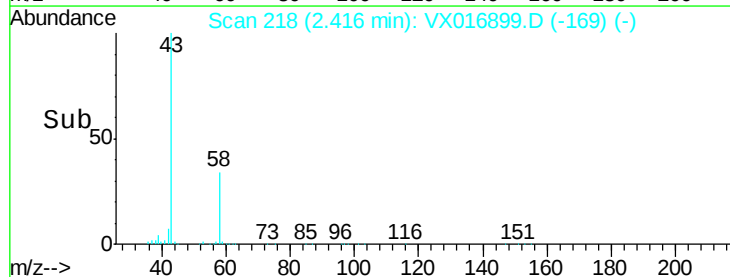
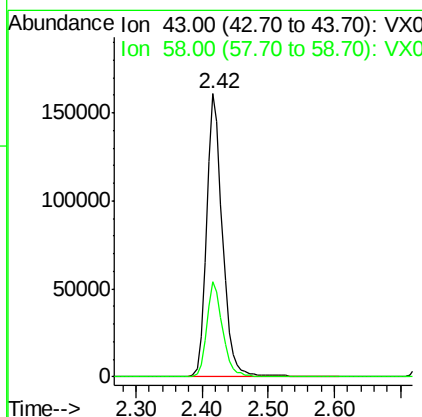
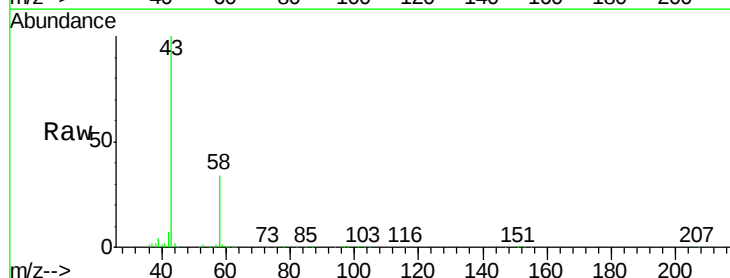
Manual Integrations
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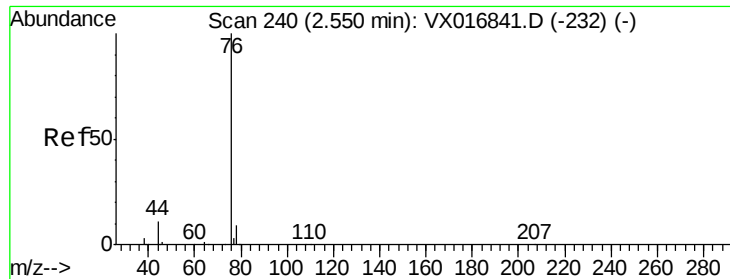
MMDadoda
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#16
 Acetone
 Concen: 229.103 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016899.D
 Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.9	26.6	39.8





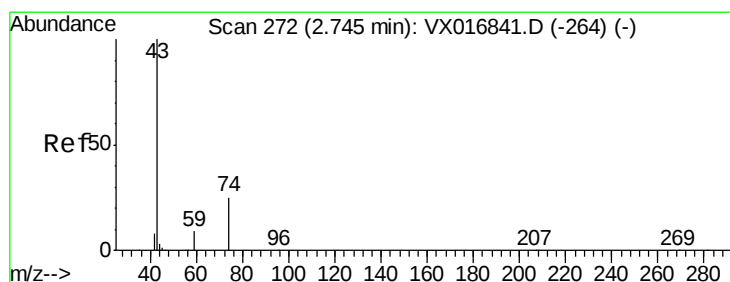
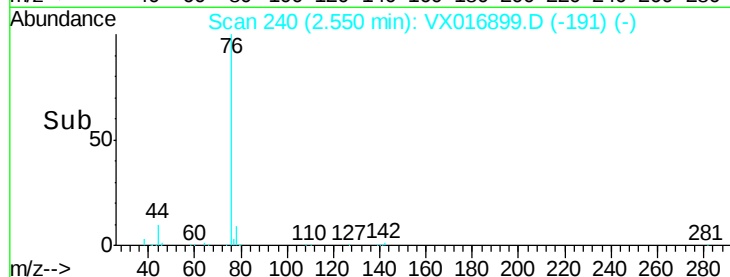
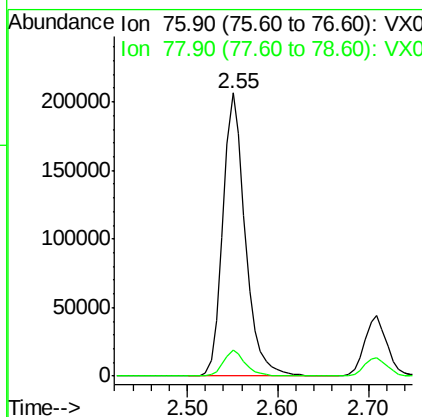
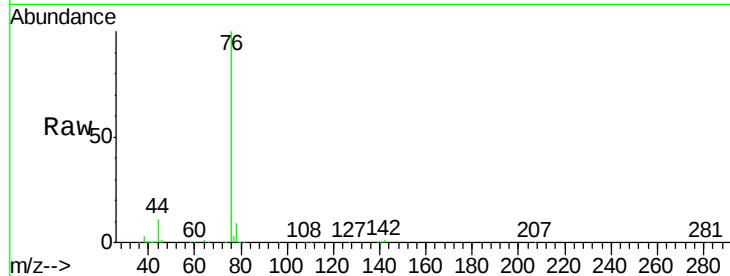
#17
Carbon Disulfide
Concen: 47.727 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

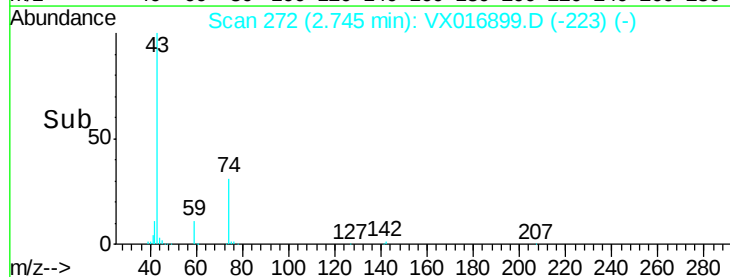
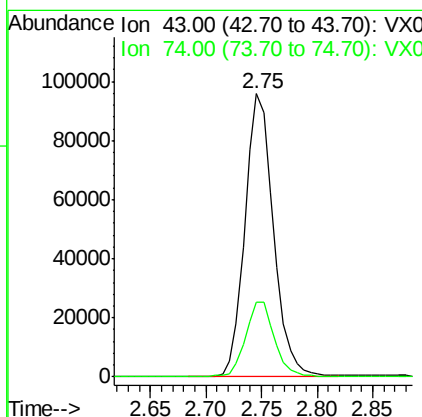
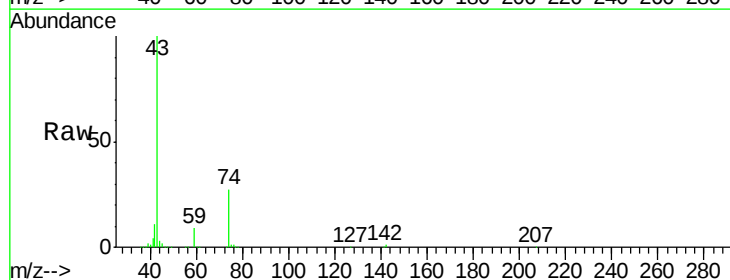
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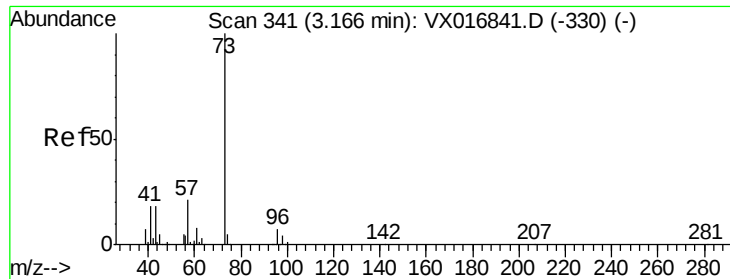
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#18
Methyl Acetate
Concen: 57.037 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.7	21.8	32.8





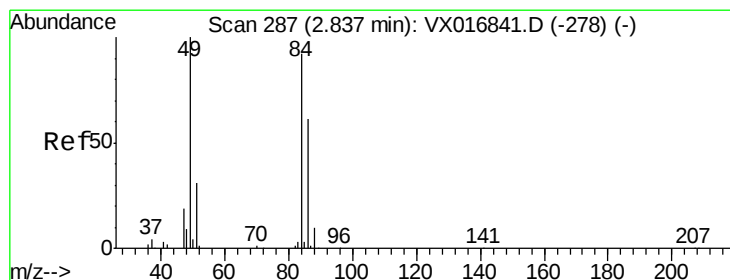
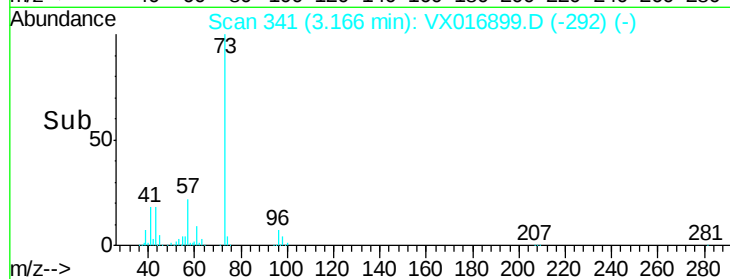
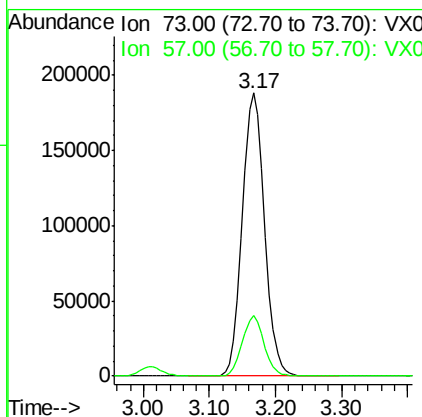
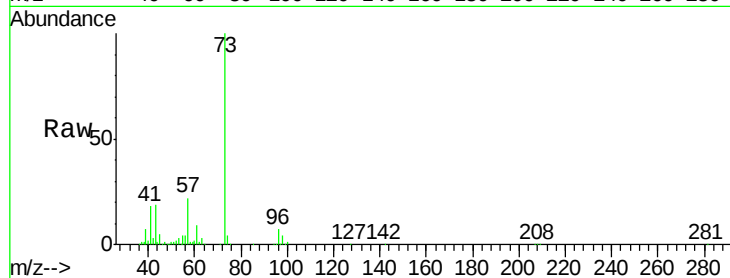
#19
Methyl tert-butyl Ether
Concen: 53.717 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.9	25.3

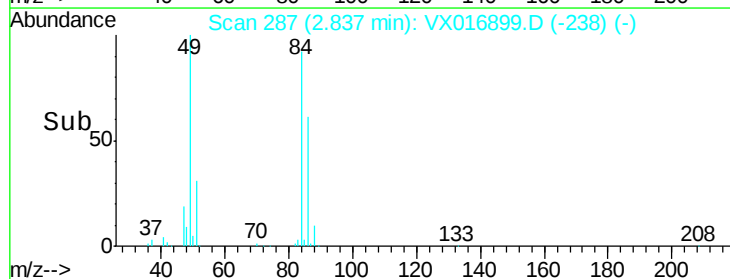
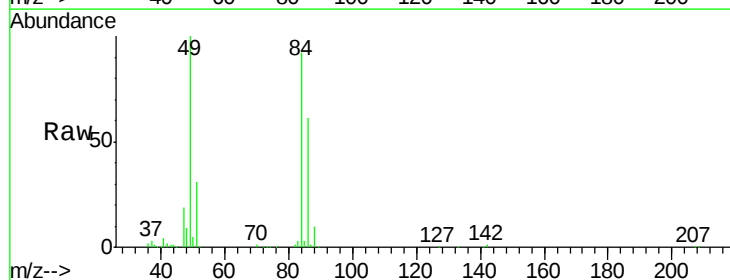
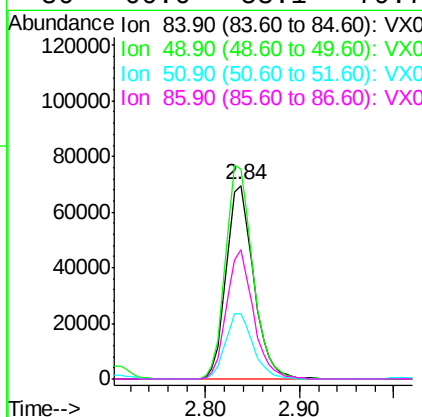
Manual Integrations
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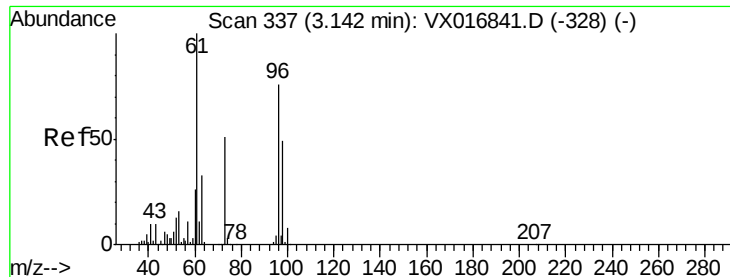
MMDadoda
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#20
Methylene Chloride
Concen: 50.194 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.4	86.6	129.8
51	33.8	27.1	40.7
86	66.6	53.1	79.7





#21

trans-1,2-Dichloroethene

Concen: 50.697 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 137593

Ion Ratio Lower Upper

96 100

61 132.2 105.4 158.0

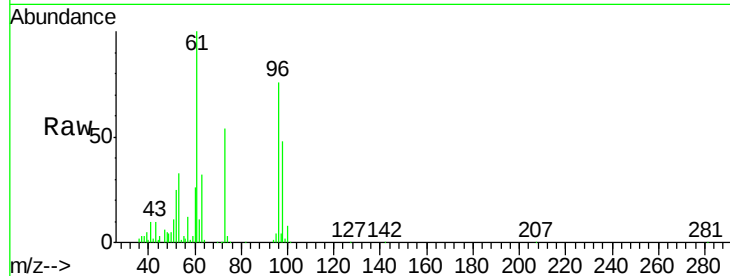
98 63.4 51.3 76.9

Manual Integrations

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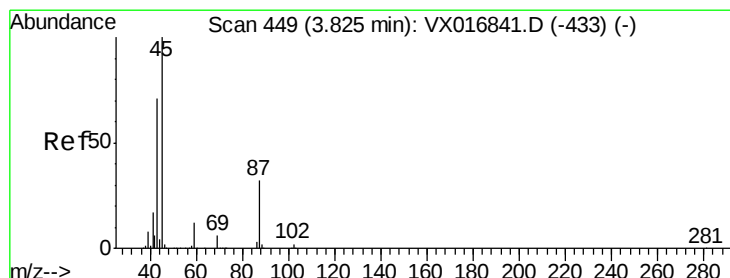
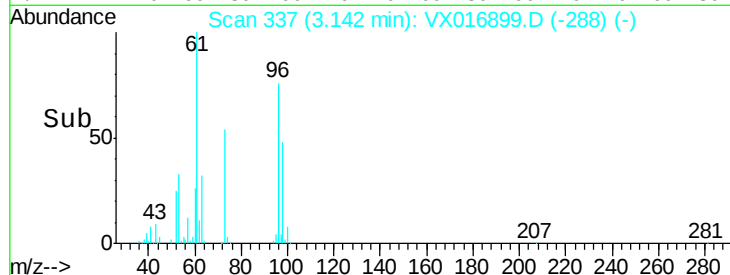
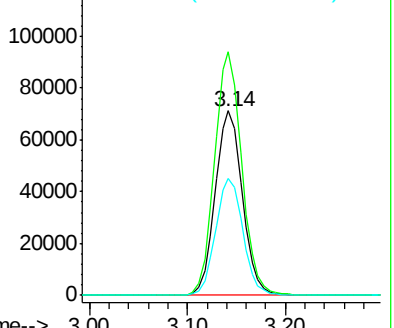


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 65.332 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Tgt Ion: 45 Resp: 476040

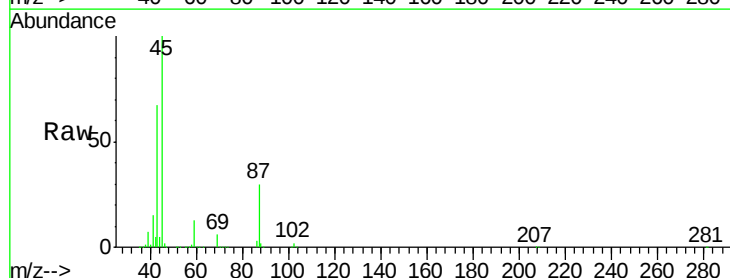
Ion Ratio Lower Upper

45 100

43 67.3 57.0 85.4

87 30.2 25.2 37.8

59 12.6 9.9 14.9



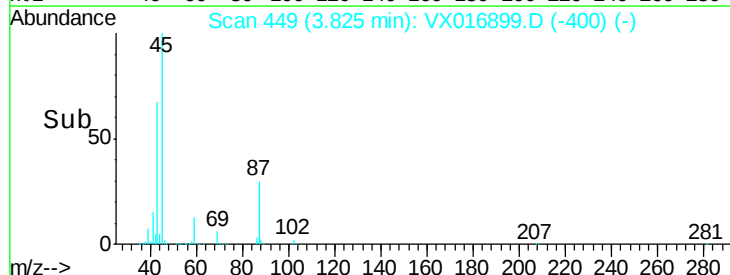
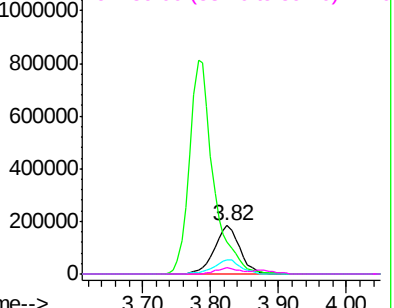
Abundance

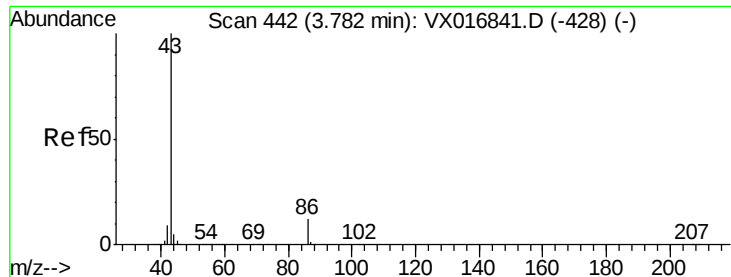
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 330.455 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1985497

Ion Ratio Lower Upper

43 100

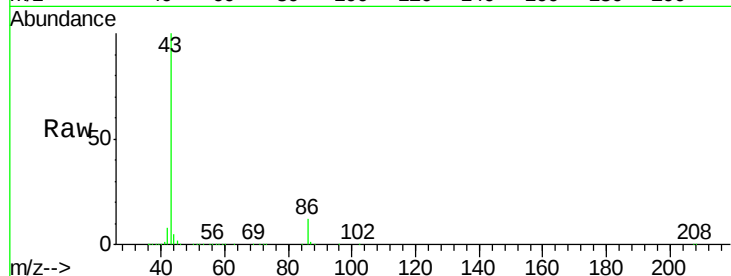
86 11.8 9.9 14.9

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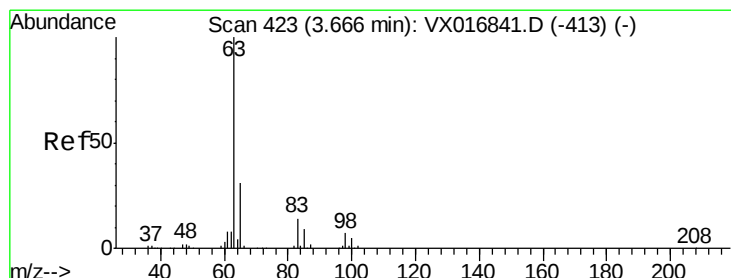
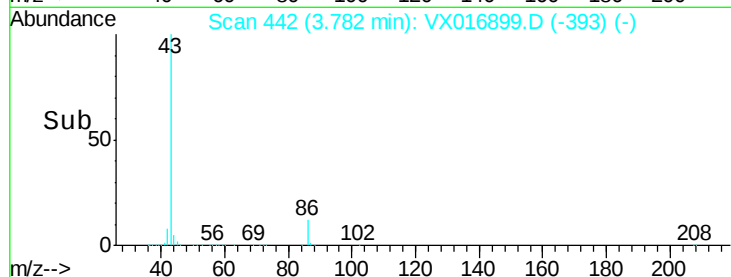
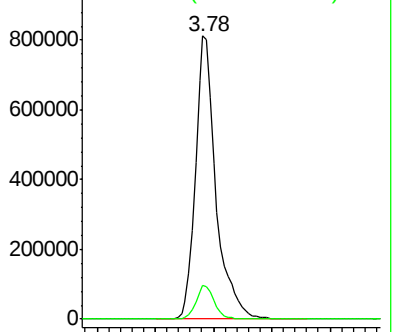
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.218 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

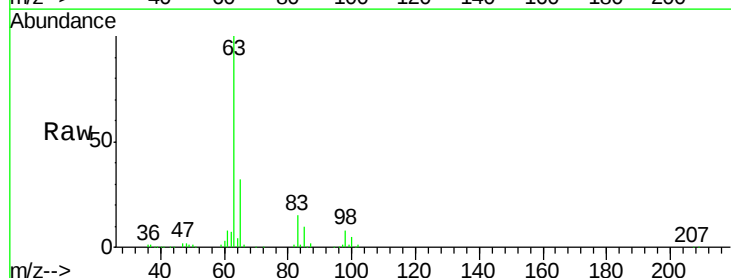
Tgt Ion: 63 Resp: 242222

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

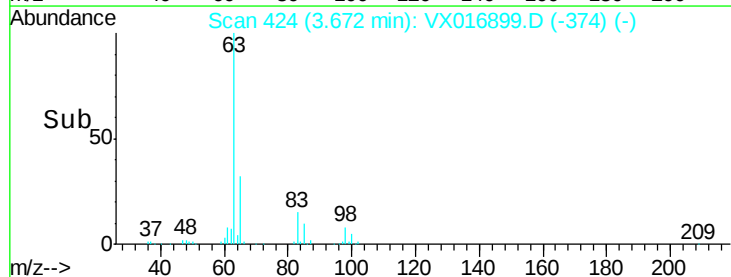
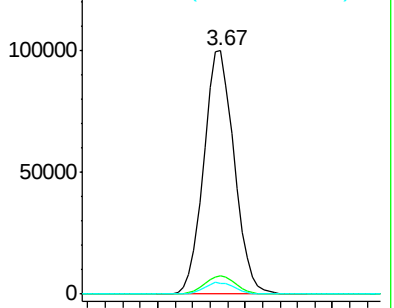
100 4.6 2.4 7.1

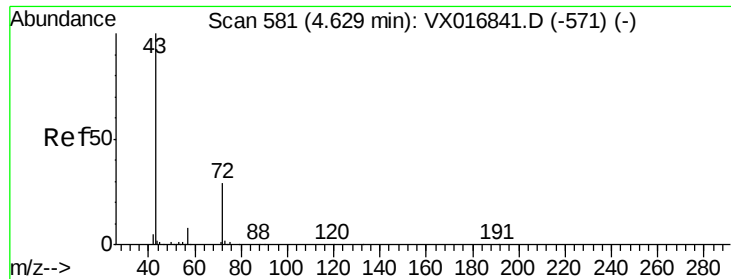


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 333.225 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 538696

Ion Ratio Lower Upper

43 100

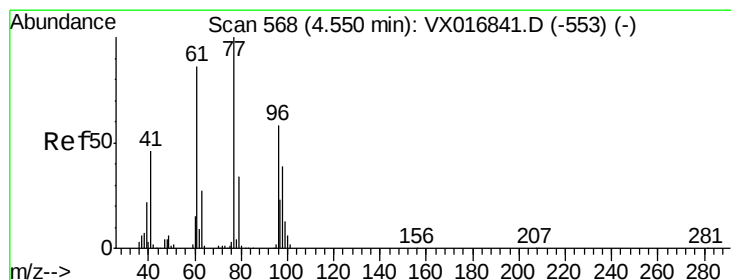
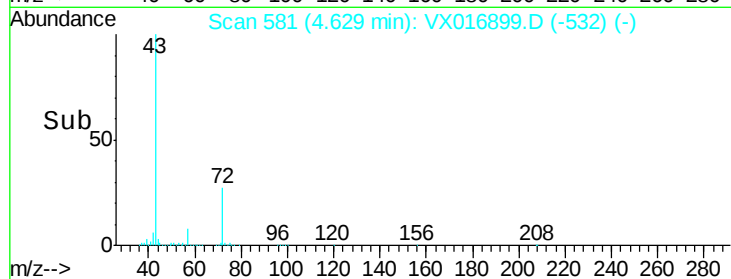
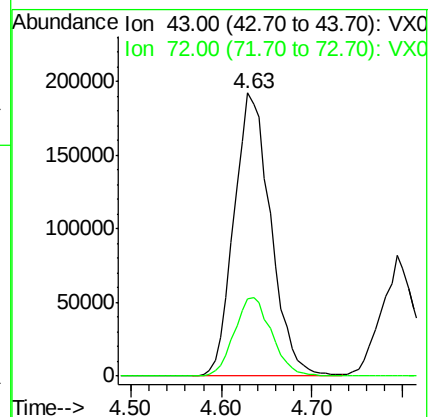
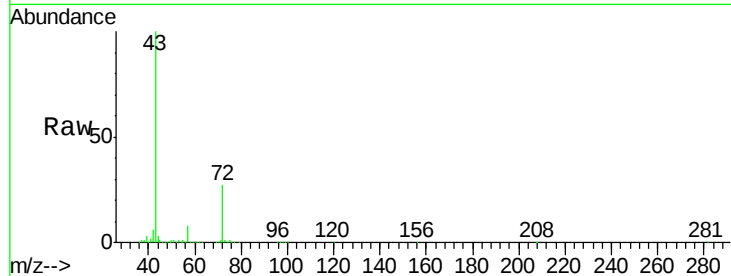
72 27.1 23.5 35.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.534 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016899.D

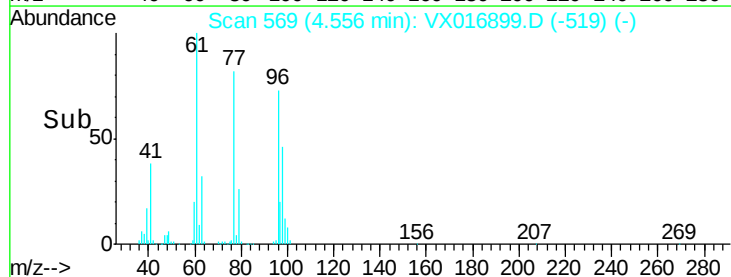
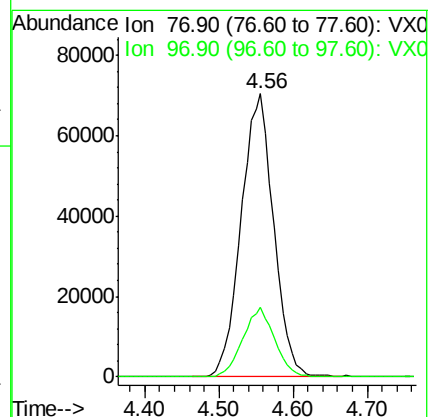
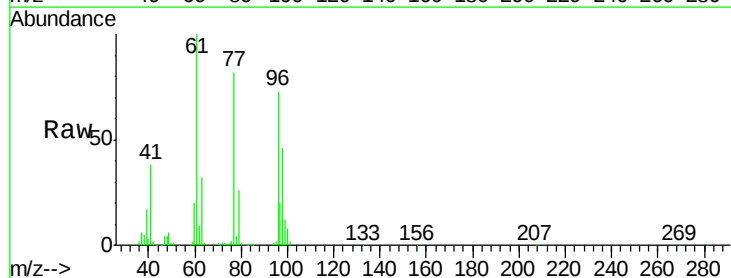
Acq: 19 Jun 2020 23:26

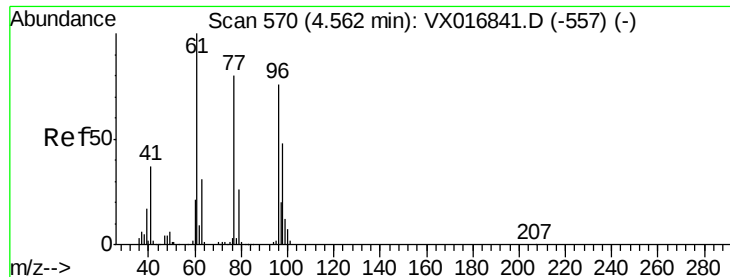
Tgt Ion: 77 Resp: 215489

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.7





#27

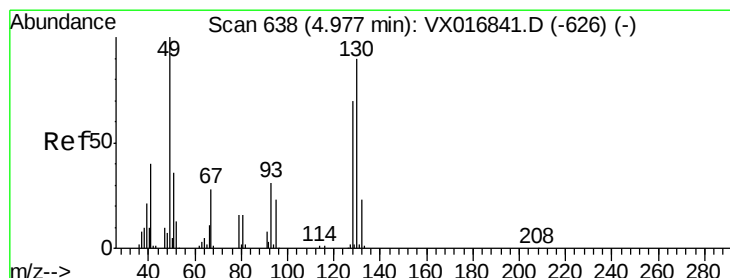
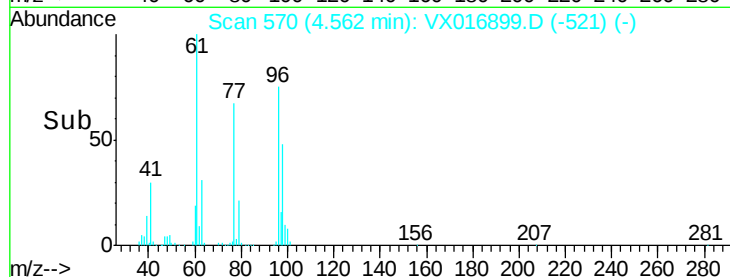
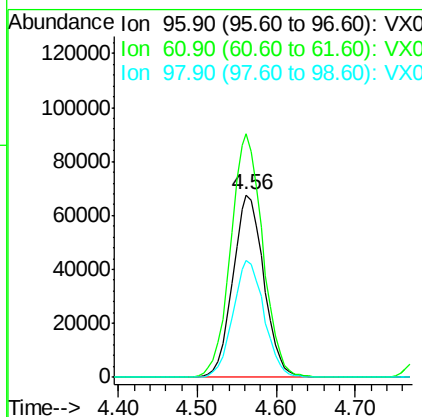
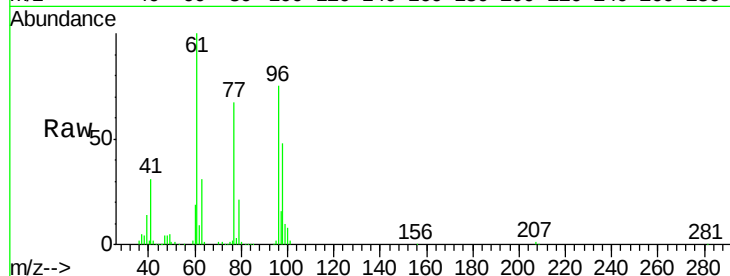
cis-1,2-Dichloroethene
Concen: 60.772 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	185379		
61	137.6	0.0	273.8	
98	64.4	0.0	129.0	

Manual Integrations
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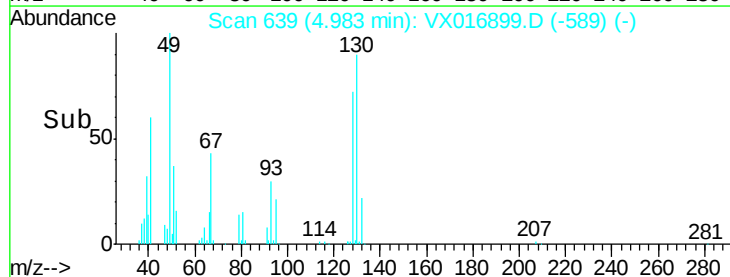
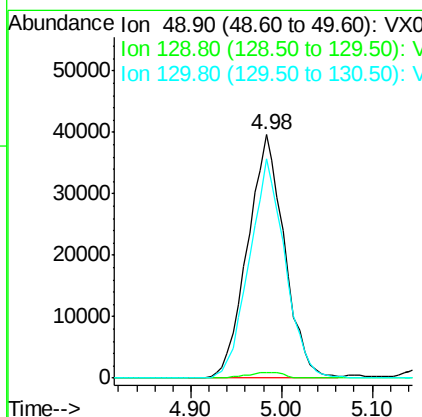
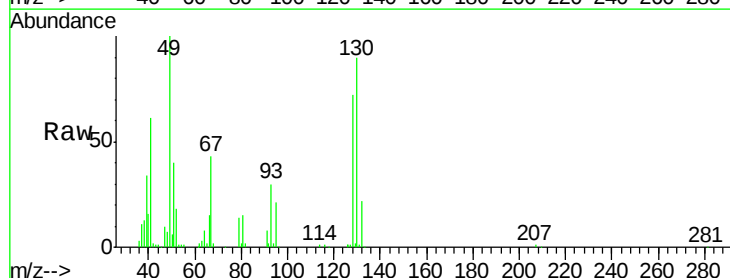
MMDadoda
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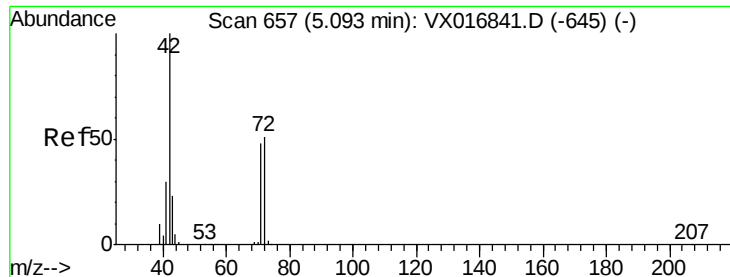


#28

Bromochloromethane
Concen: 59.035 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	111522		
129	2.4	0.0	5.0	
130	87.5	76.8	115.2	





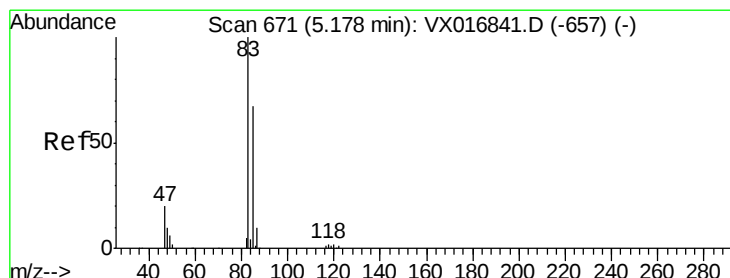
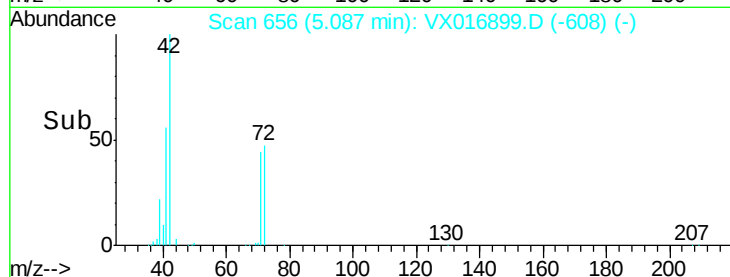
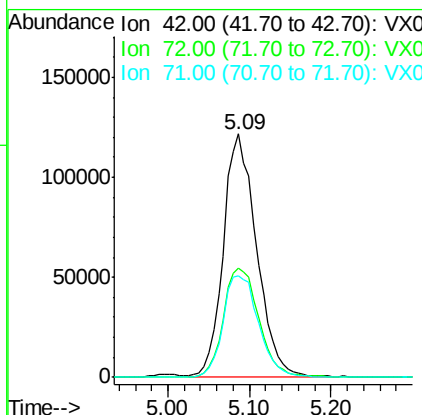
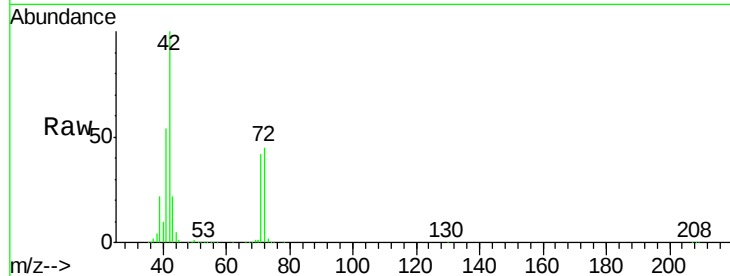
#29
Tetrahydrofuran
Concen: 334.666 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.7	41.1	61.7
71	45.2	38.4	57.6

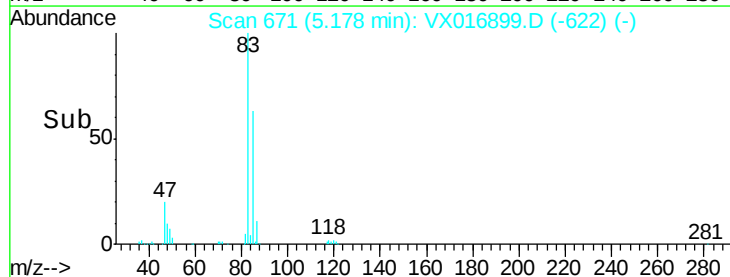
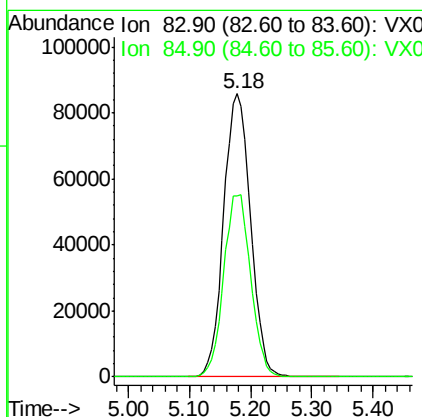
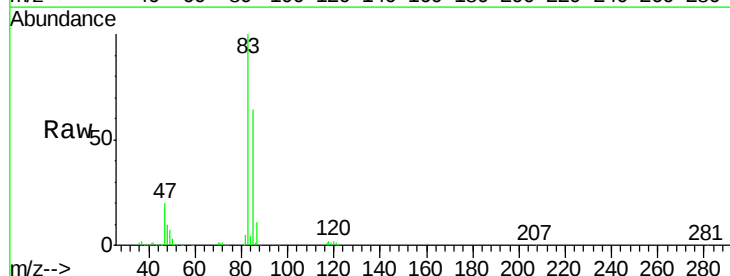
Manual Integrations
APPROVED

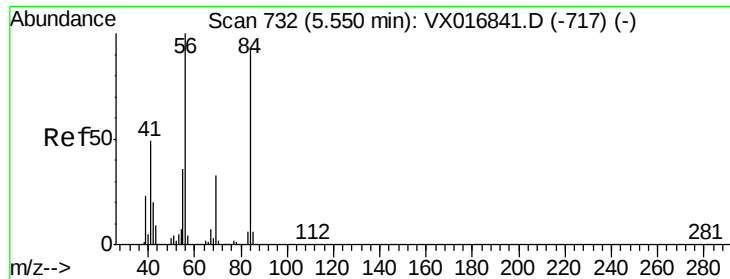
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#30
Chloroform
Concen: 54.048 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.4	80.0





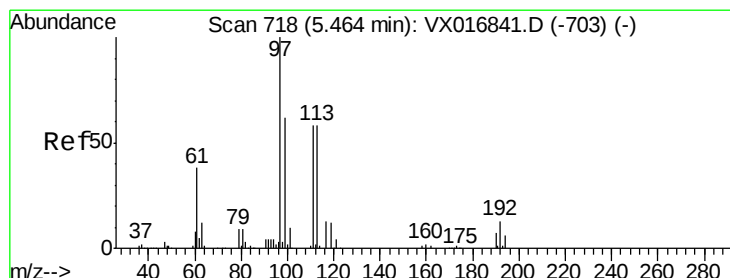
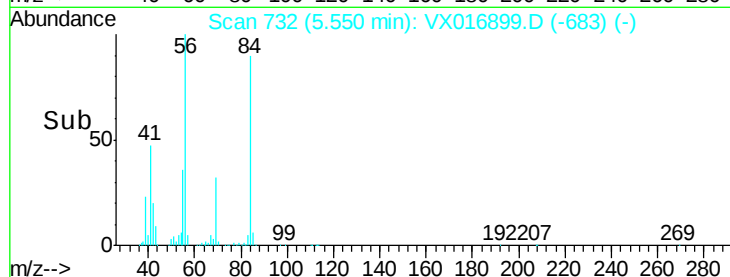
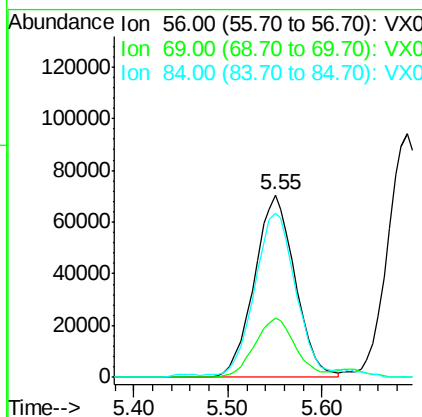
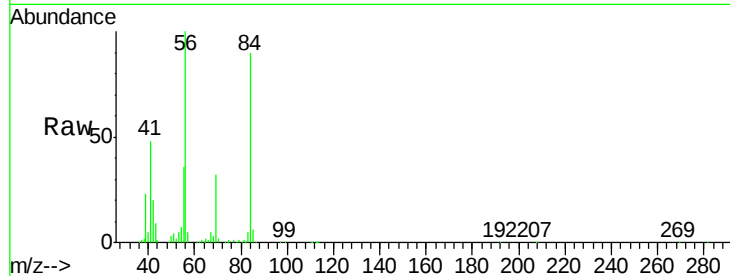
#31
Cyclohexane
Concen: 53.251 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	26.1	39.1
84	88.1	73.0	109.6

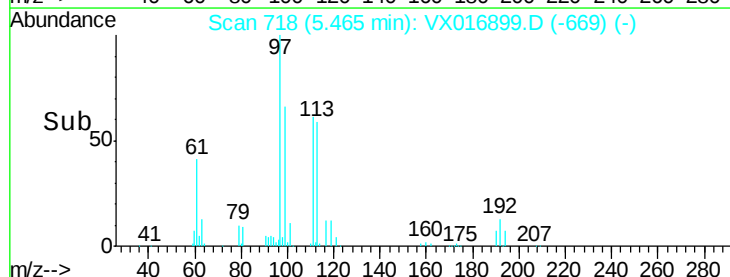
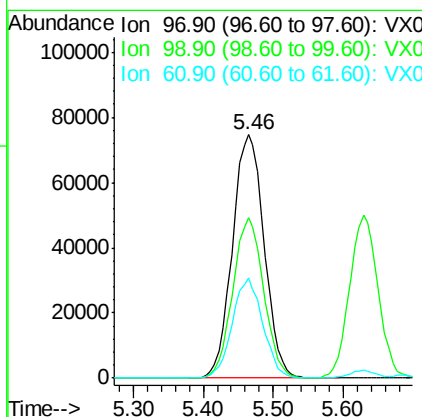
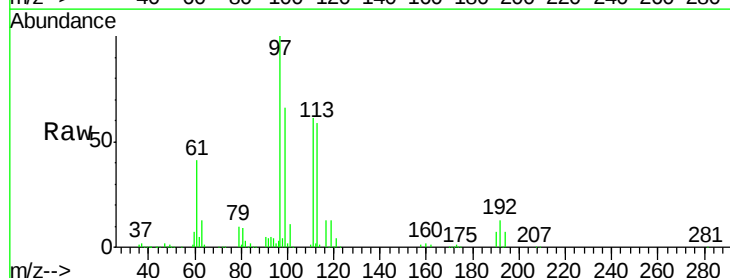
Manual Integrations
APPROVED

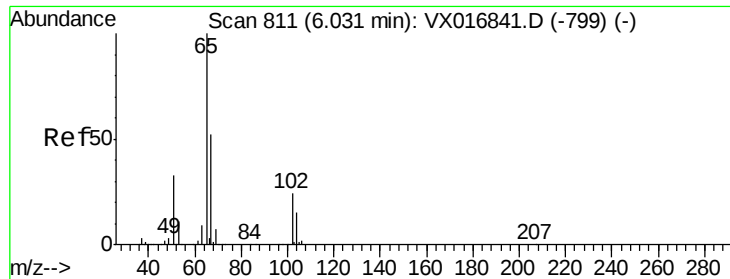
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#32
1,1,1-Trichloroethane
Concen: 51.623 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.3	76.9
61	39.6	31.3	46.9





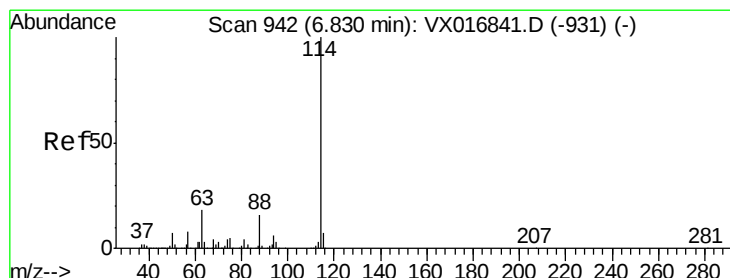
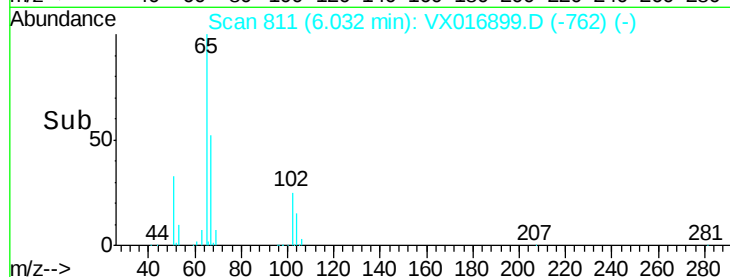
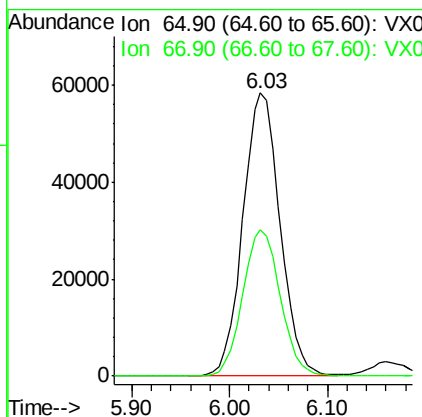
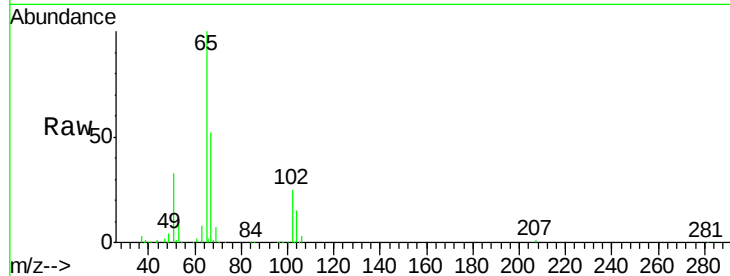
#33
 1,2-Dichloroethane-d4
 Concen: 47.537 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016899.D
 Acq: 19 Jun 2020 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	102.6

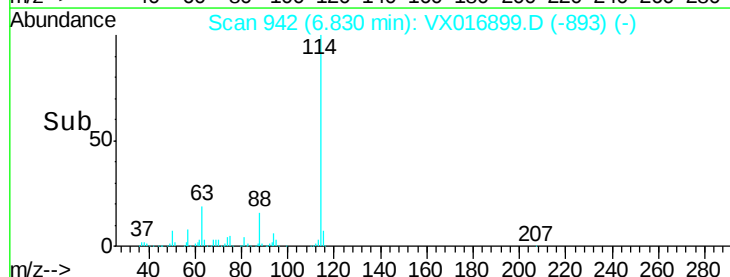
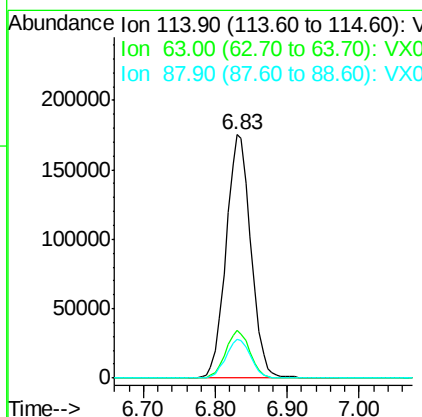
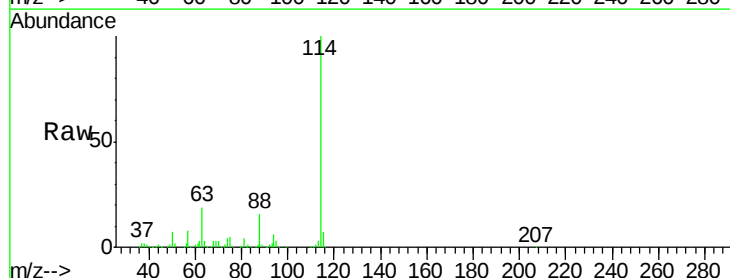
Manual Integrations
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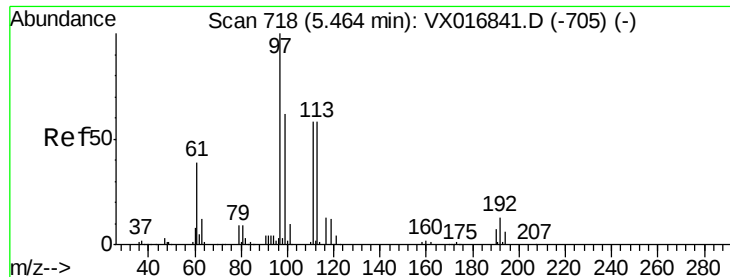
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016899.D
 Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	37.0
88	16.0	0.0	32.0





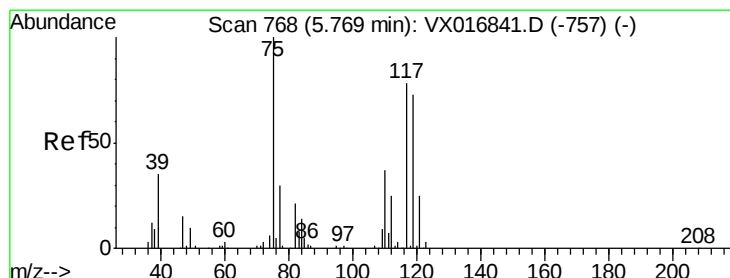
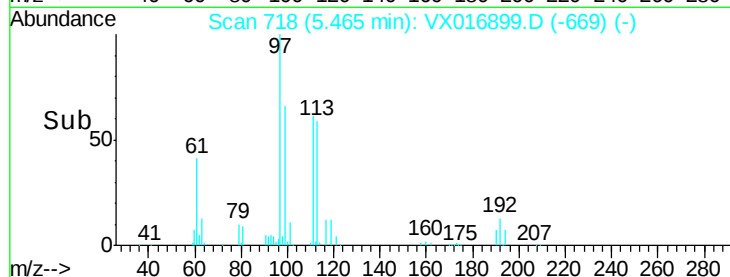
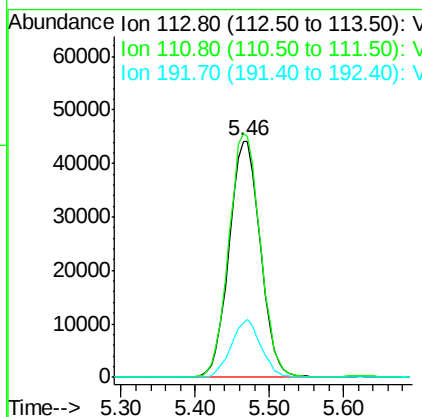
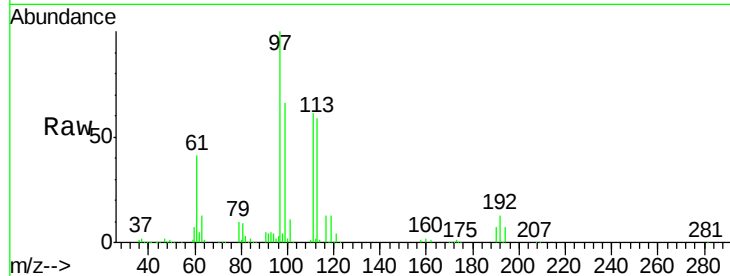
#35
Dibromofluoromethane
Concen: 48.436 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	130018		
111	103.8	81.0	121.4	
192	23.3	18.5	27.7	

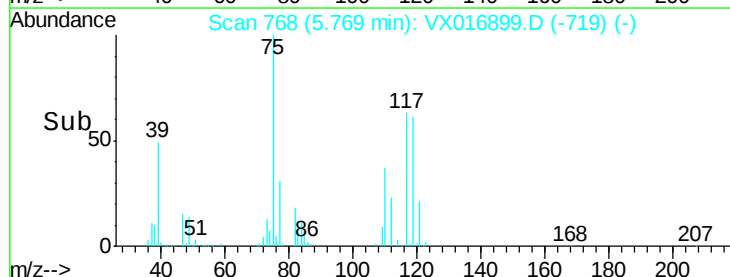
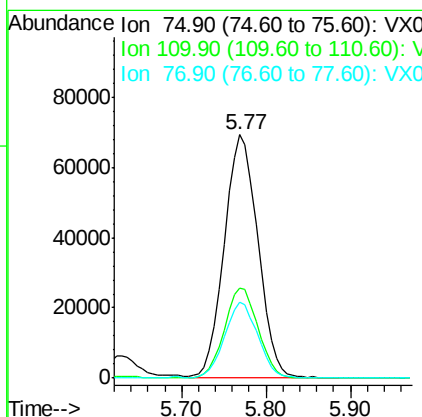
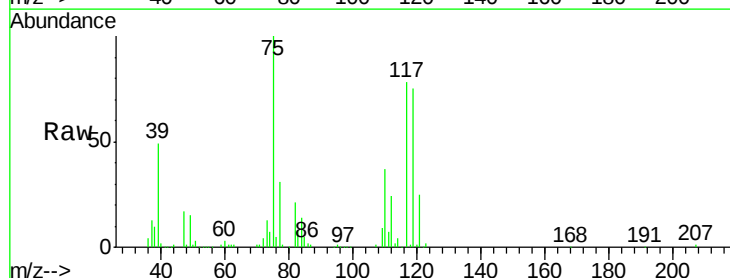
Manual Integrations
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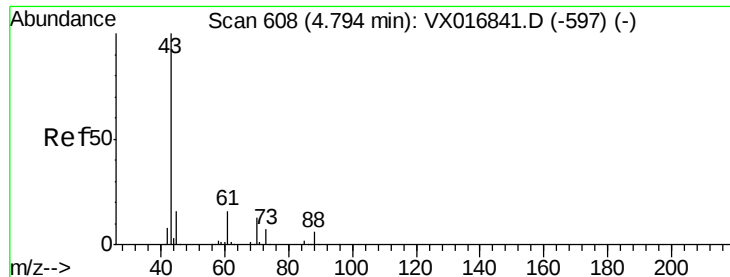
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#36
1,1-Dichloropropene
Concen: 48.604 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	188315		
110	36.9	18.9	56.9	
77	30.9	25.6	38.4	





#37

Ethyl Acetate

Concen: 63.399 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

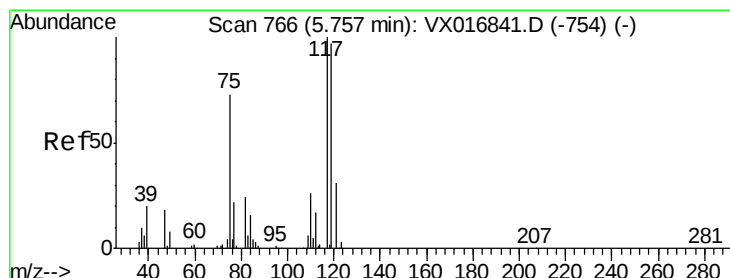
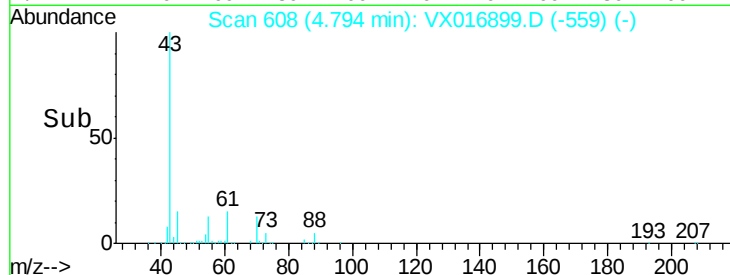
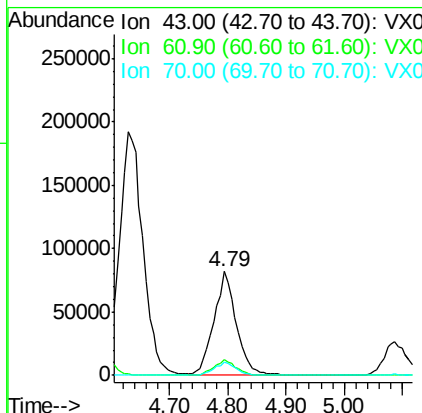
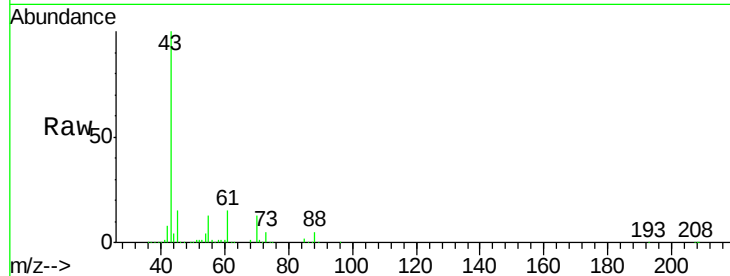
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	217036
Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.2	18.2
70	12.5	10.5	15.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 47.370 ug/l

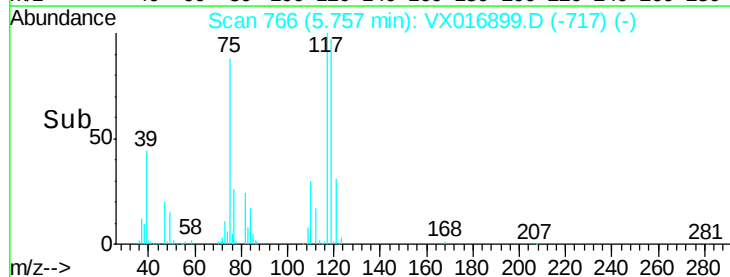
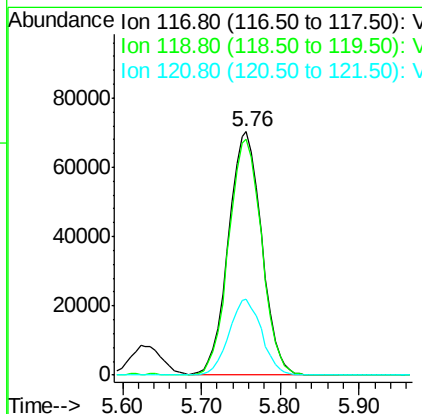
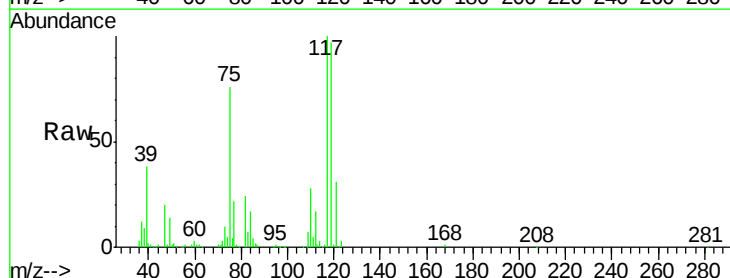
RT: 5.76 min Scan# 766

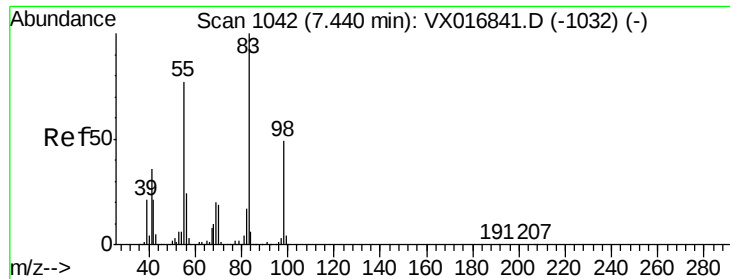
Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Tgt Ion:	117	Resp:	205935
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.4	116.2
121	31.2	24.7	37.1





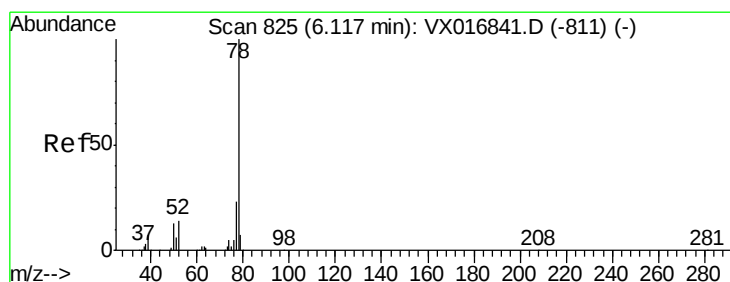
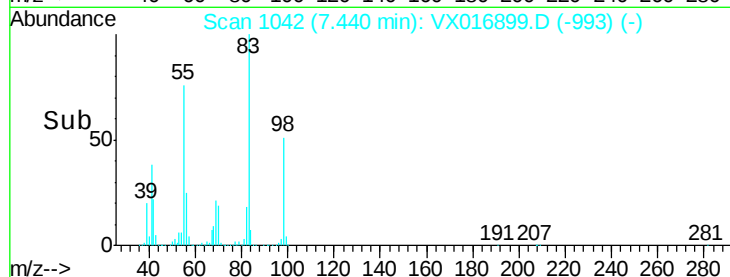
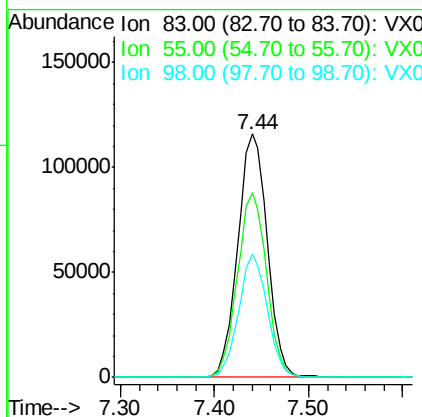
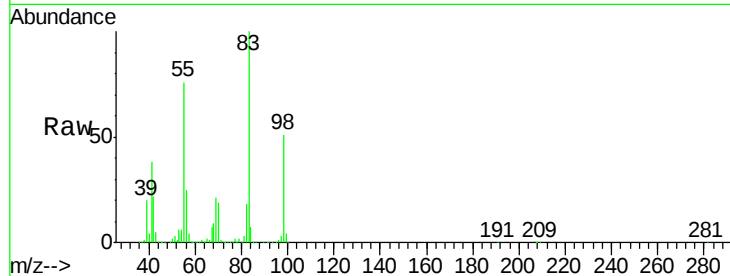
#39
Methvlcvclohexane
Concen: 56.377 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	61.7	92.5
98	50.8	39.0	58.6

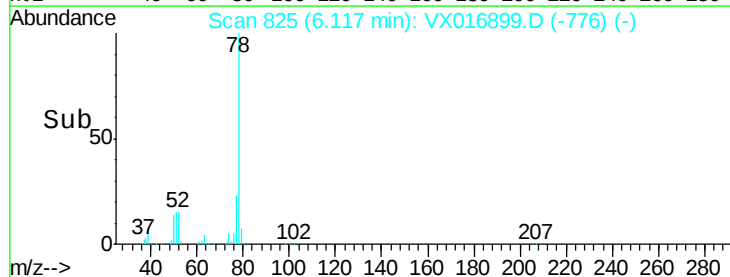
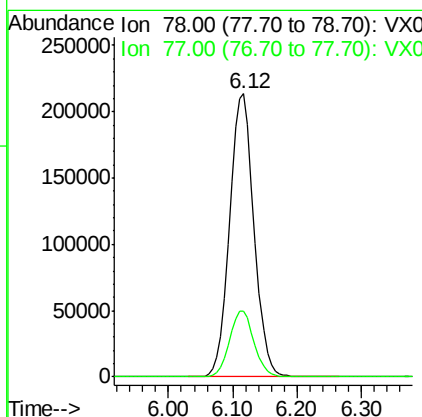
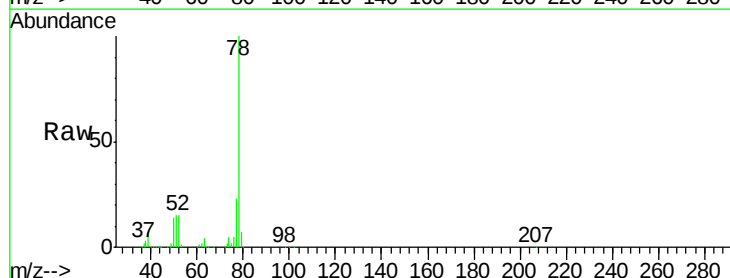
Manual Integrations
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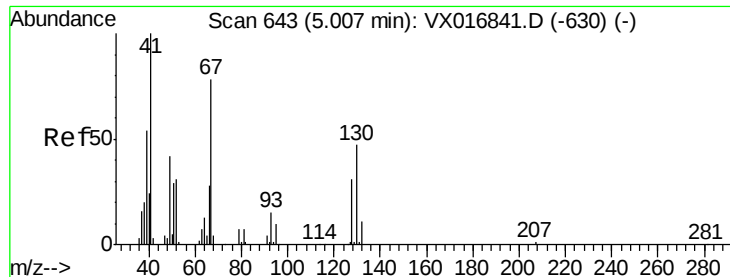
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#40
Benzene
Concen: 48.635 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	27.8





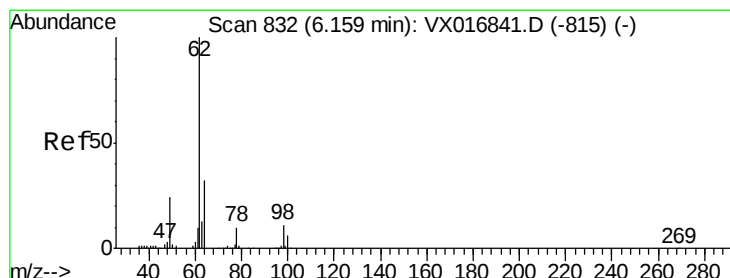
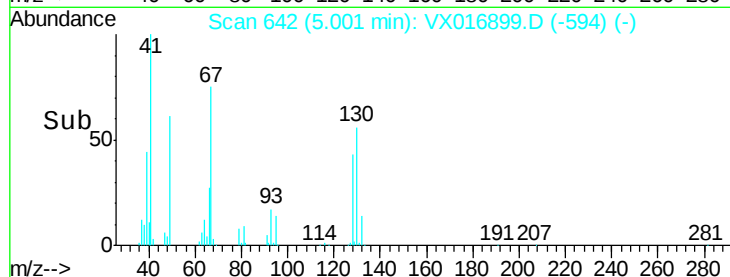
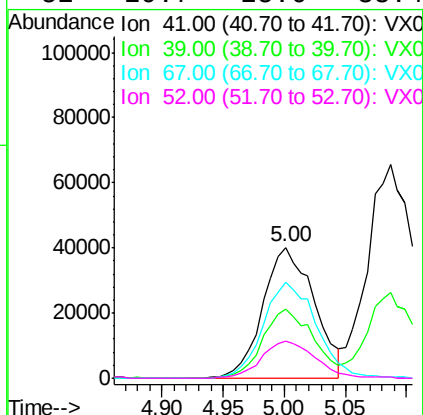
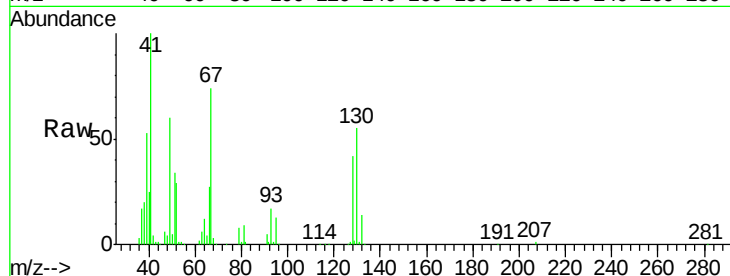
#41
Methacrylonitrile
Concen: 63.196 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.2	42.6	64.0	
67	76.5	64.2	96.2	
52	29.7	25.6	38.4	

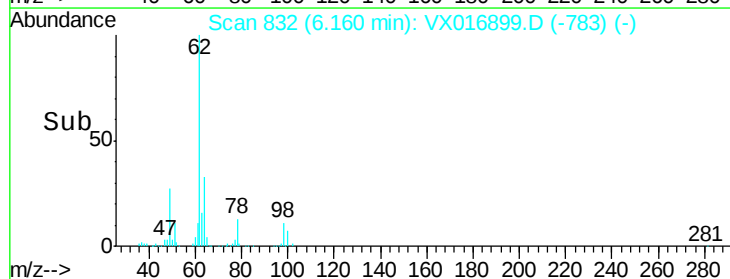
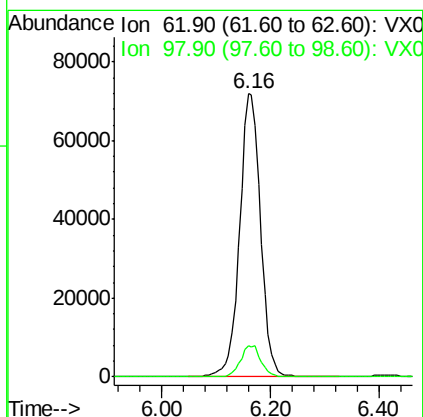
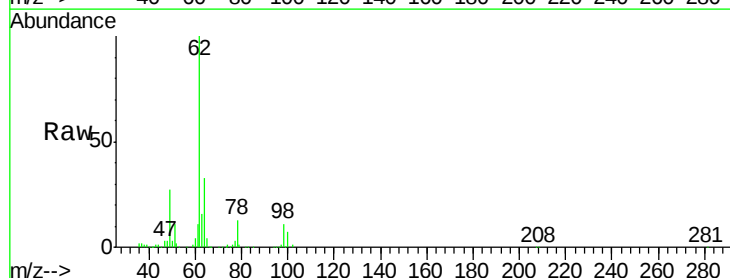
Manual Integrations
APPROVED

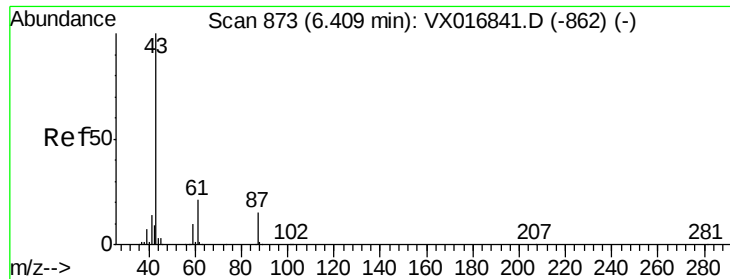
MMDadoda
6/22/2020 12:23:37 PM



#42
1,2-Dichloroethane
Concen: 46.613 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	20.8	





#43

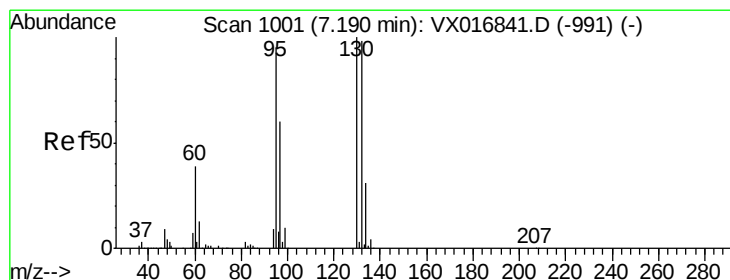
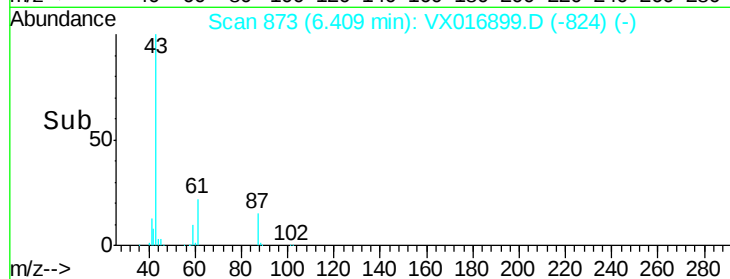
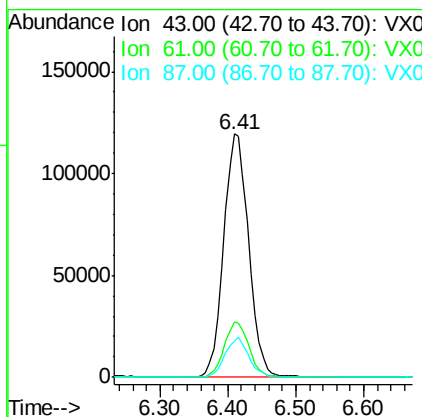
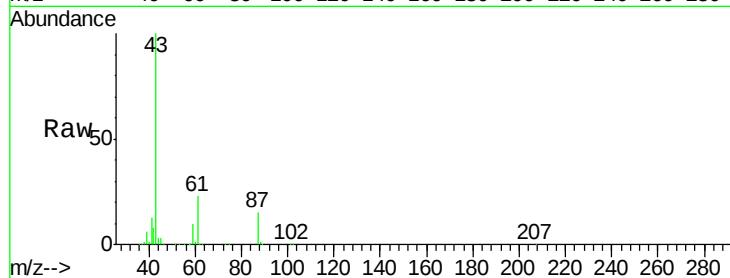
Isopropyl Acetate
 Concen: 50.515 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: VX016899.D
 Acq: 19 Jun 2020 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.5	17.9	26.9
87	15.8	12.4	18.6

Manual Integrations
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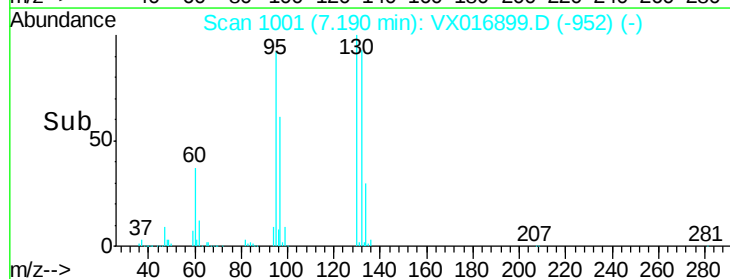
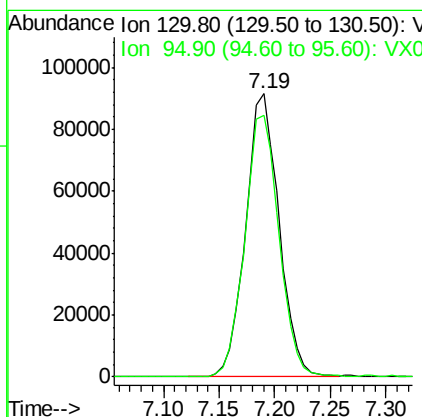
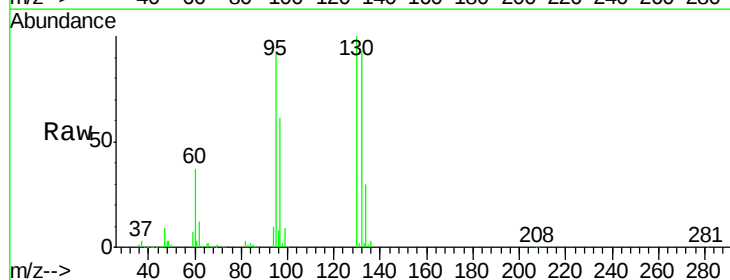
MMDadoda
 6/22/2020 12:23:37 PM

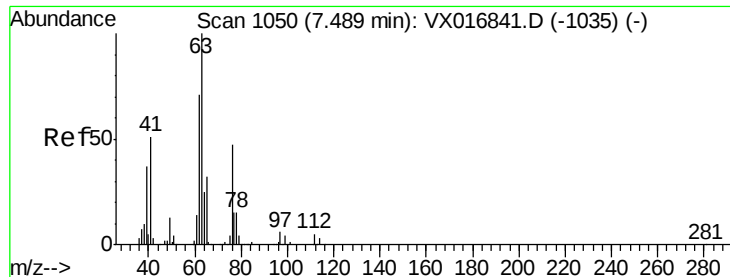


#44

Trichloroethene
 Concen: 53.742 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016899.D
 Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	190.8





#45

1,2-Dichloropropane

Concen: 59.236 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 173121

Ion Ratio Lower Upper

63 100

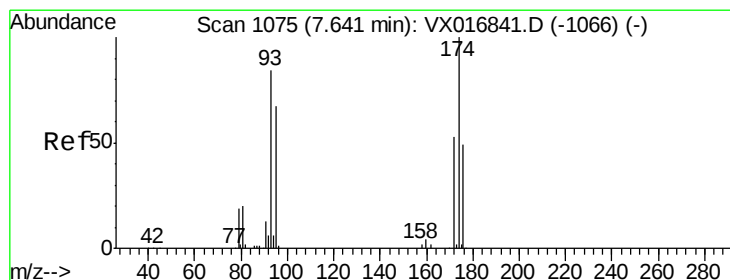
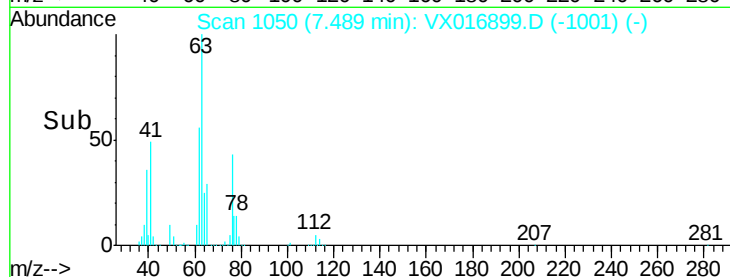
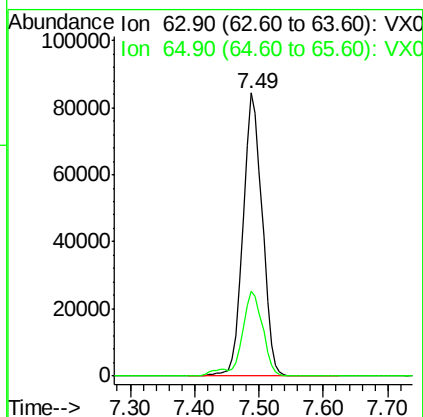
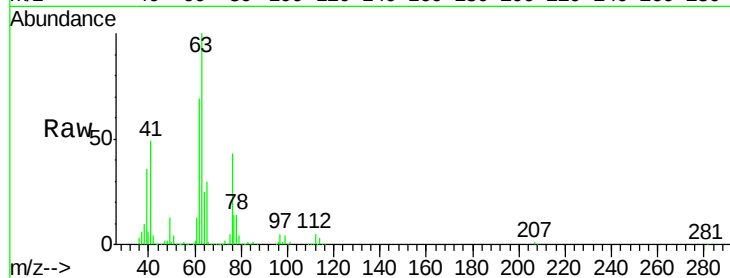
65 30.2 25.8 38.8

Manual Integrations

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#46

Dibromomethane

Concen: 57.430 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

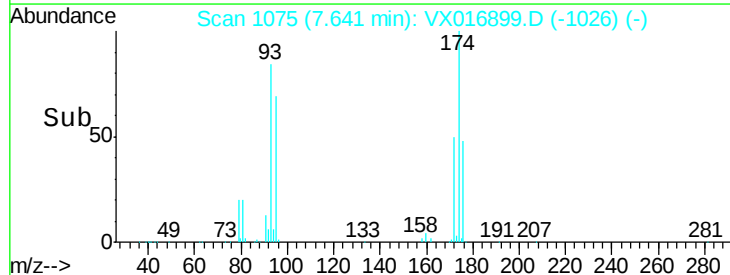
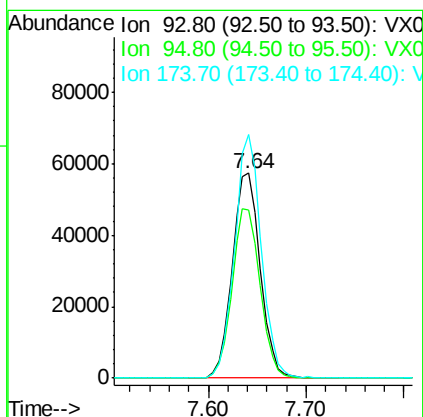
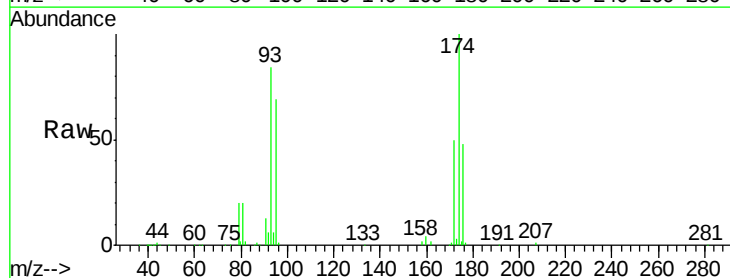
Tgt Ion: 93 Resp: 113825

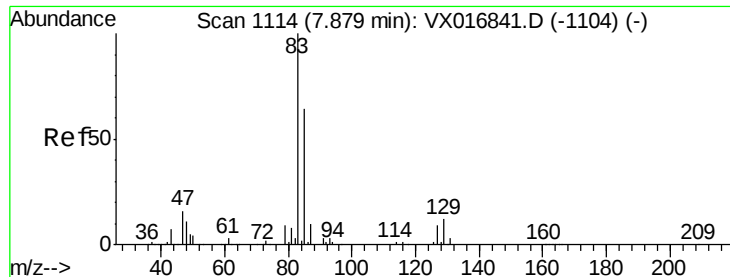
Ion Ratio Lower Upper

93 100

95 82.8 65.7 98.5

174 113.7 92.8 139.2





#47

Bromodichloromethane

Concen: 58.326 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

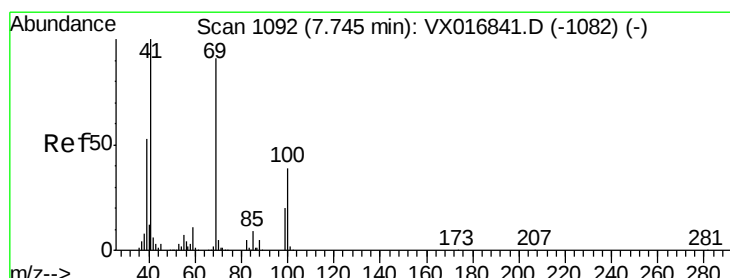
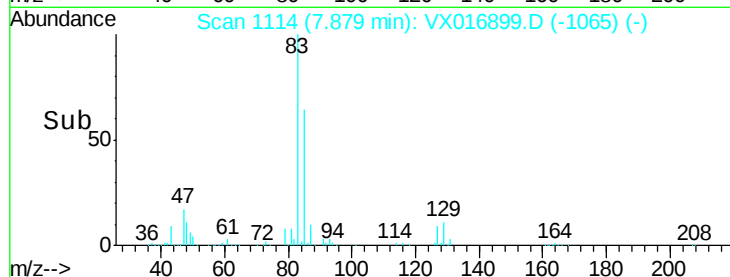
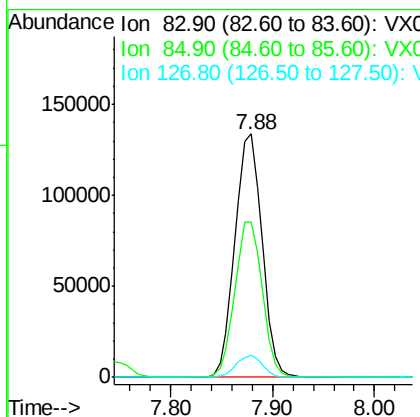
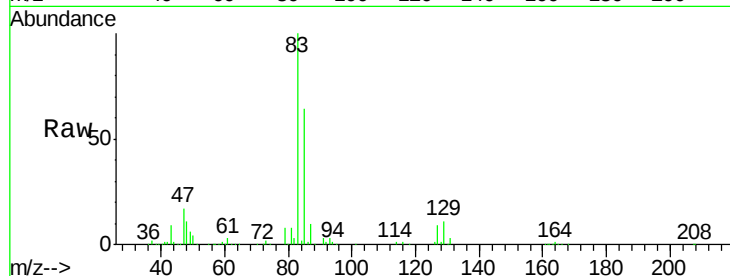
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	245862
Ion Ratio	Lower	Upper	
83	100		
85	63.9	50.9	76.3
127	9.1	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 69.044 ug/l

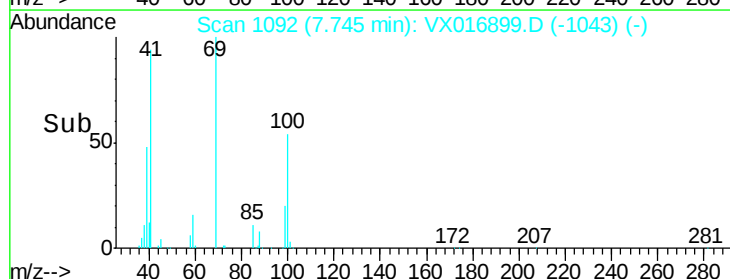
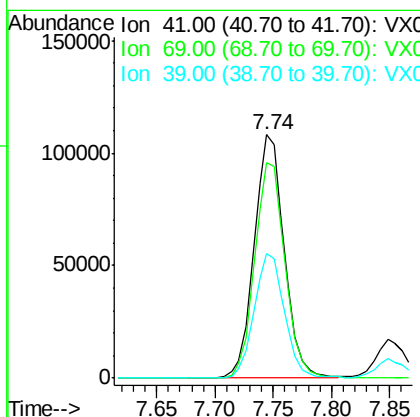
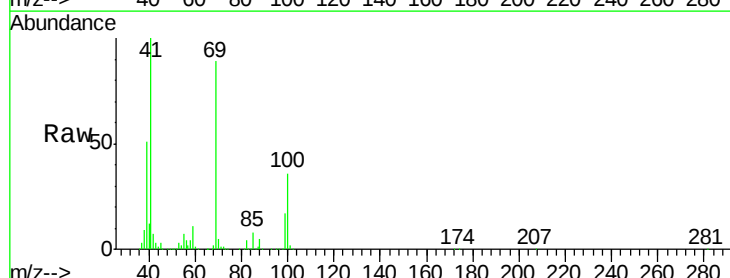
RT: 7.74 min Scan# 1092

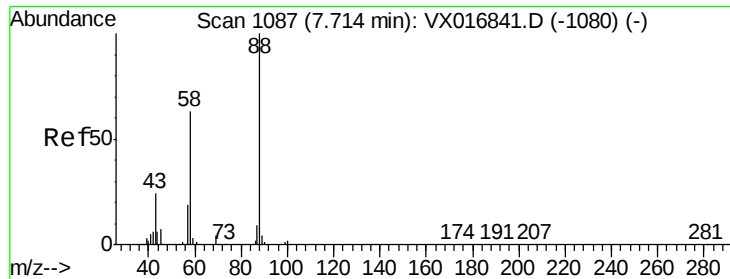
Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Tgt Ion:	41	Resp:	194363
Ion Ratio	Lower	Upper	
41	100		
69	90.0	73.3	109.9
39	51.5	42.4	63.6





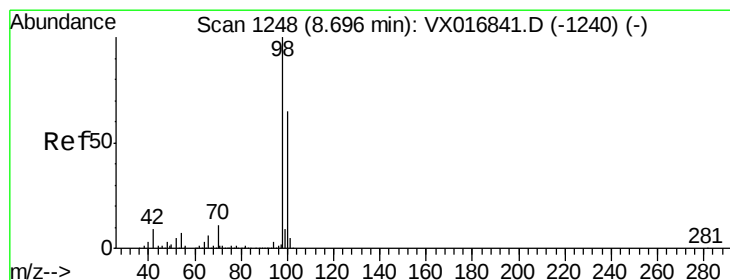
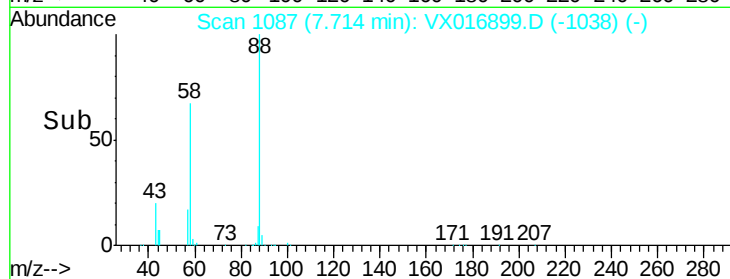
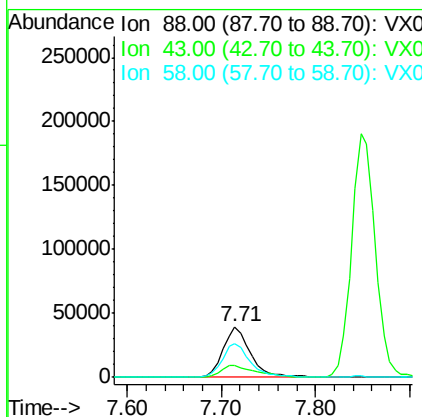
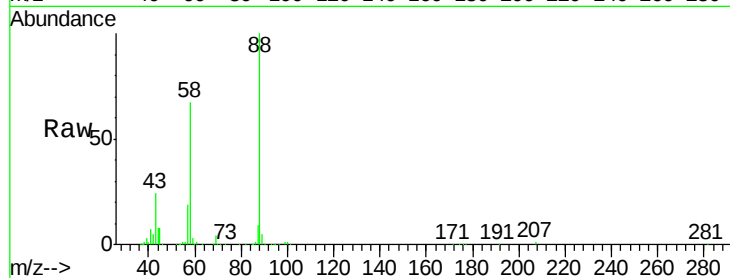
#49
1,4-Dioxane
Concen: 1267.759 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.8	22.7	34.1
58	69.7	53.1	79.7

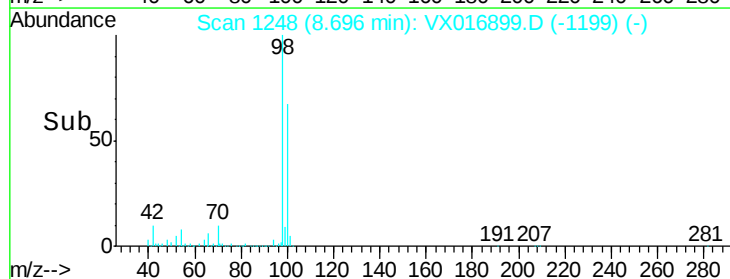
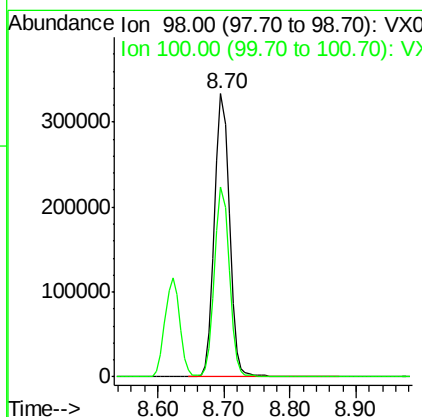
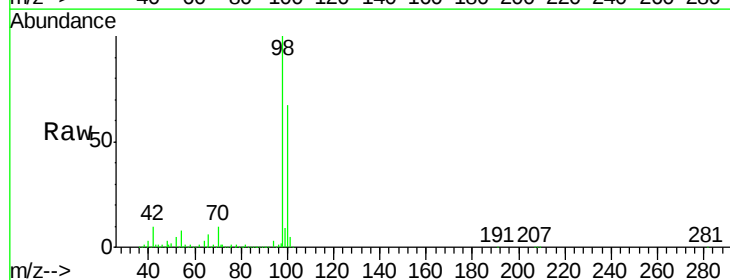
Manual Integrations
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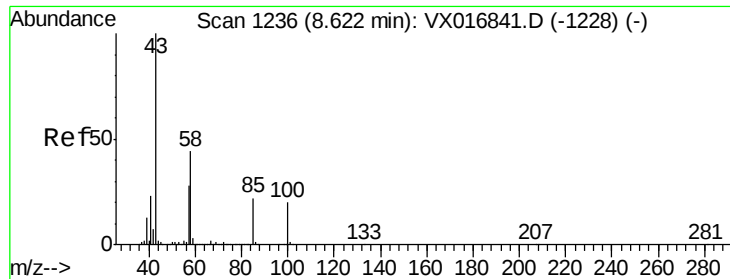
MMDadoda
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#50
Toluene-d8
Concen: 48.685 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	54.0	81.0





#51

4-Methyl-2-Pentanone

Concen: 269.501 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 969026

Ion Ratio Lower Upper

43 100

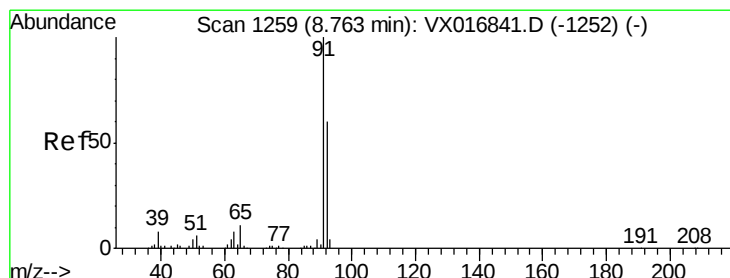
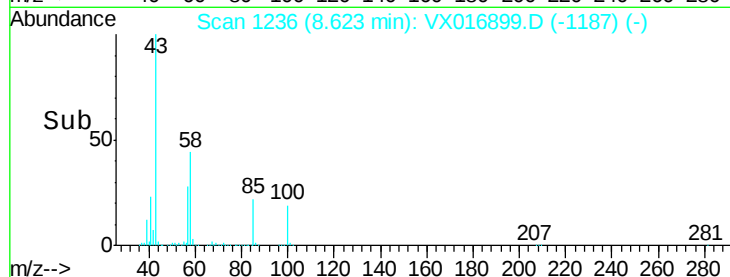
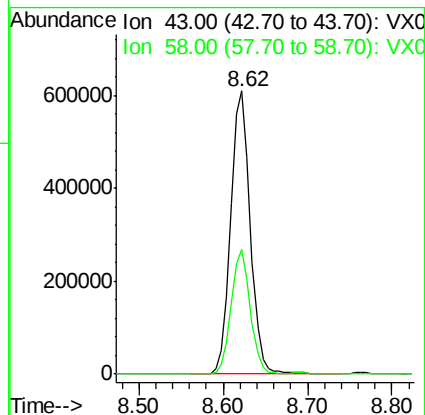
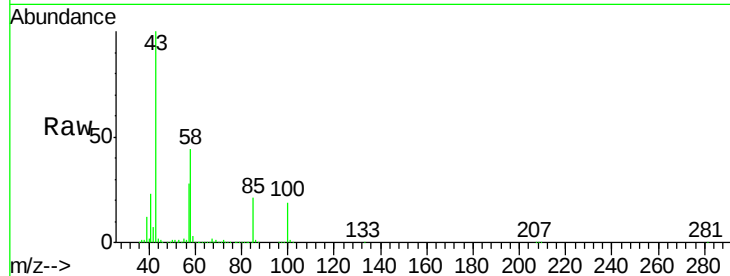
58 43.1 34.3 51.5

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#52

Toluene

Concen: 50.968 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016899.D

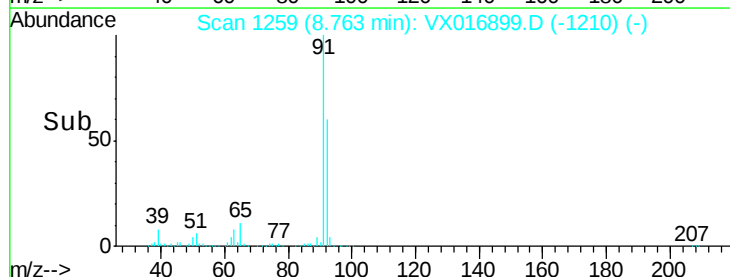
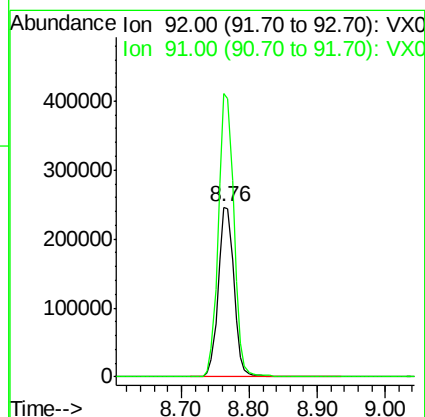
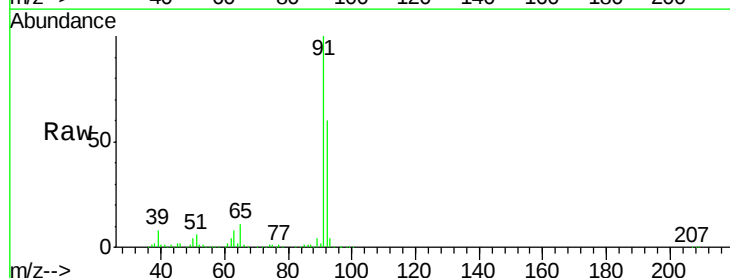
Acq: 19 Jun 2020 23:26

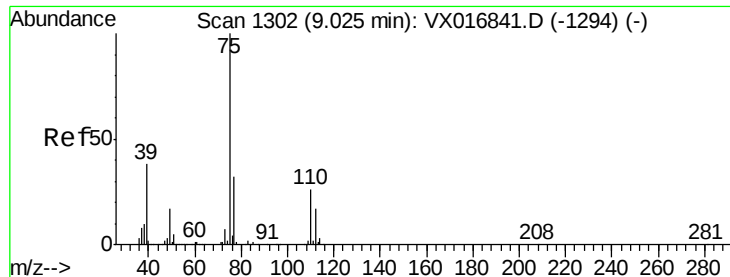
Tgt Ion: 92 Resp: 393084

Ion Ratio Lower Upper

92 100

91 166.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 49.561 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 229672

Ion Ratio Lower Upper

75 100

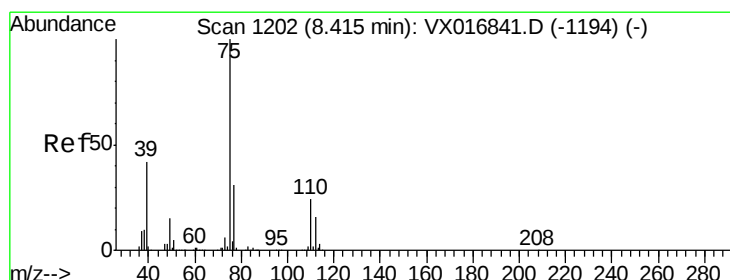
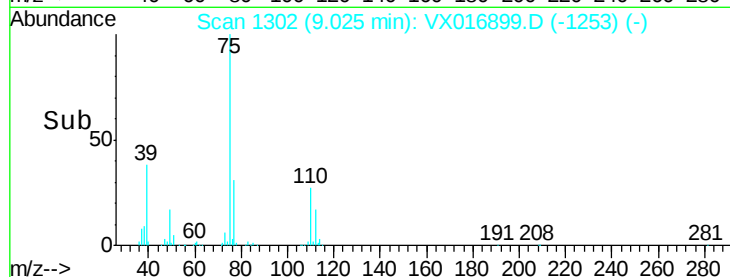
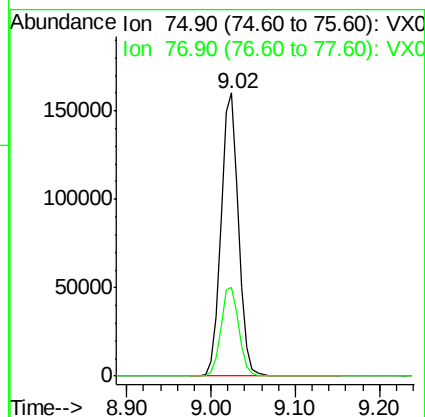
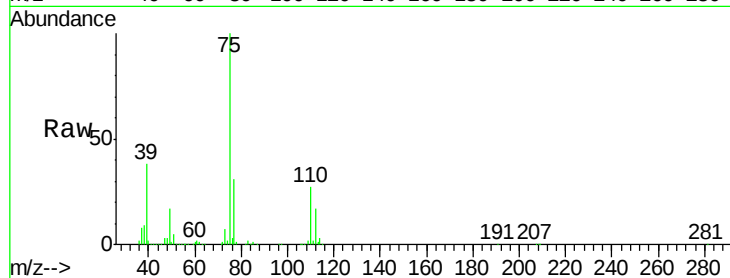
77 31.4 25.3 37.9

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 57.078 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

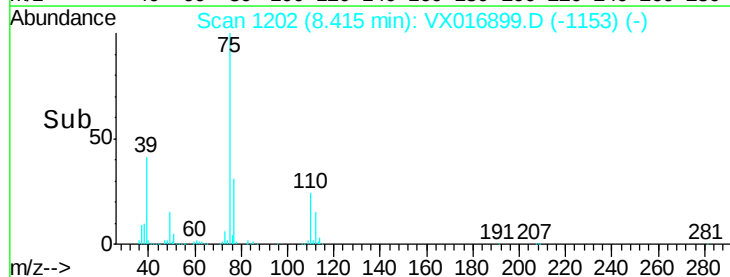
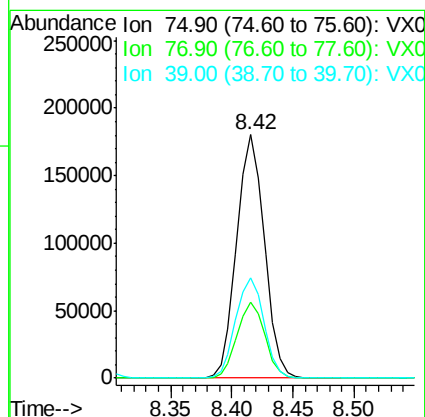
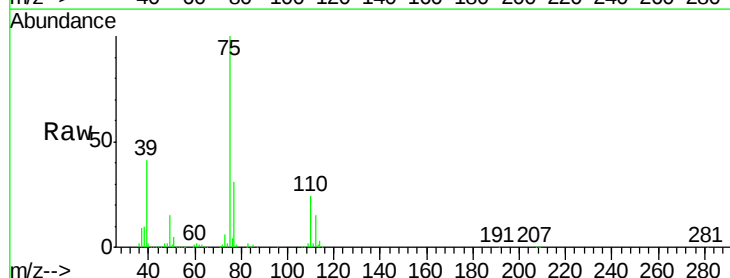
Tgt Ion: 75 Resp: 282973

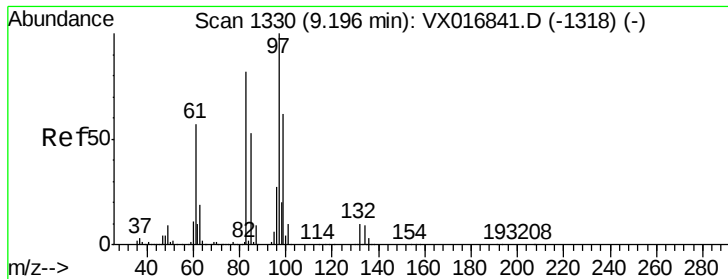
Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3

39 40.9 33.4 50.0





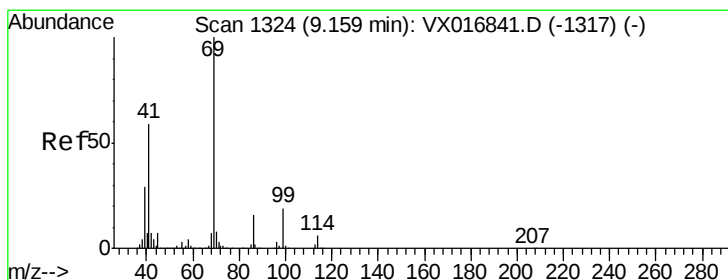
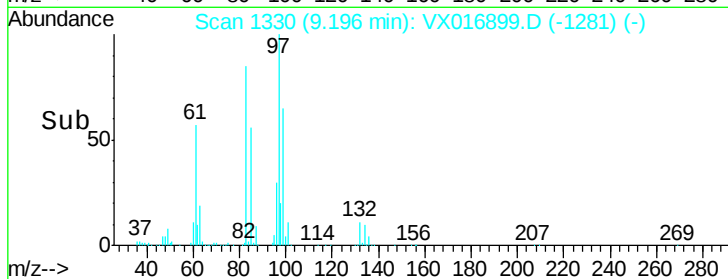
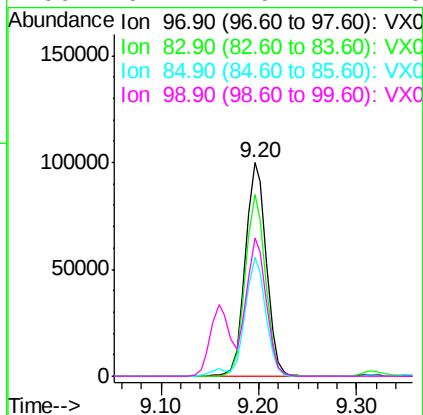
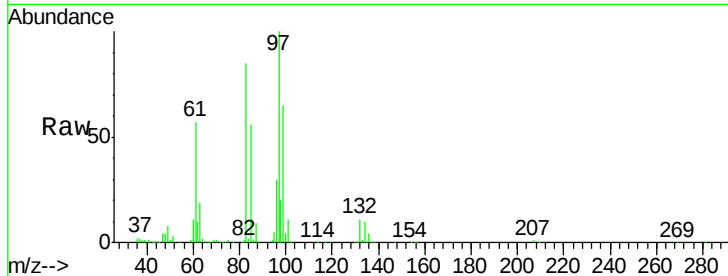
#55
 1,1,2-Trichloroethane
 Concen: 50.992 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016899.D
 Acq: 19 Jun 2020 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		148484		
83	84.9	65.5	98.3		
85	55.5	42.6	63.8		
99	64.7	49.4	74.0		

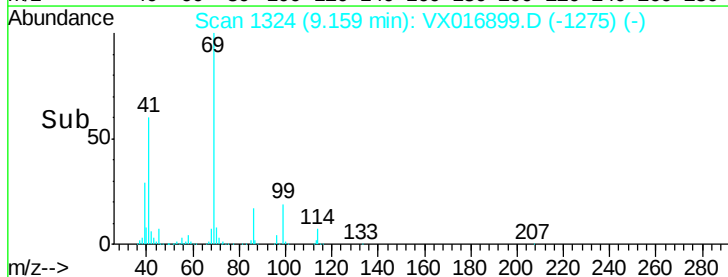
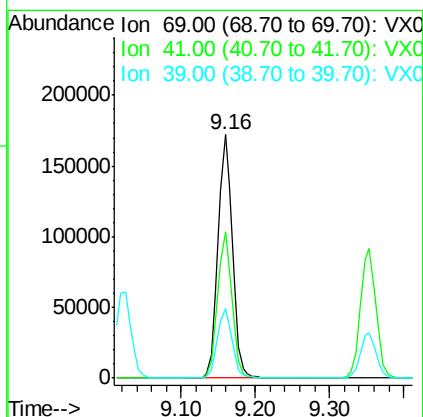
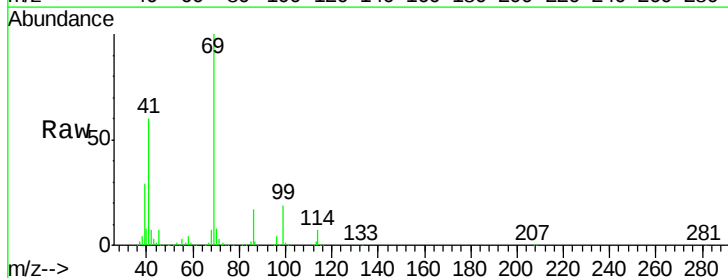
Manual Integrations
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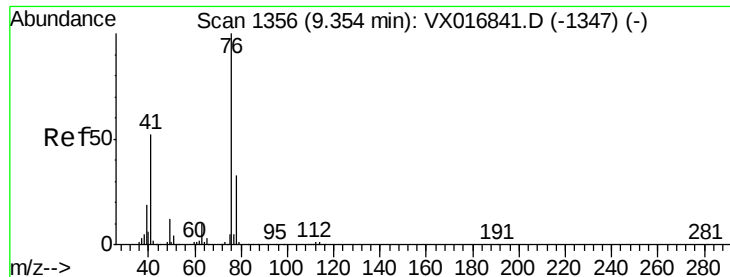
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#56
 Ethyl methacrylate
 Concen: 54.308 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016899.D
 Acq: 19 Jun 2020 23:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		228931		
41	59.3	47.9	71.9		
39	28.7	24.2	36.4		





#57

1,3-Dichloropropane

Concen: 49.930 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 246475

Ion Ratio Lower Upper

76 100

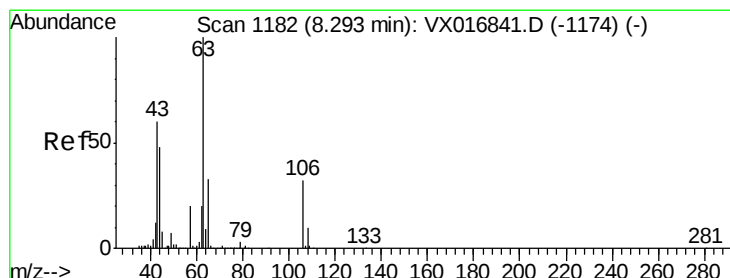
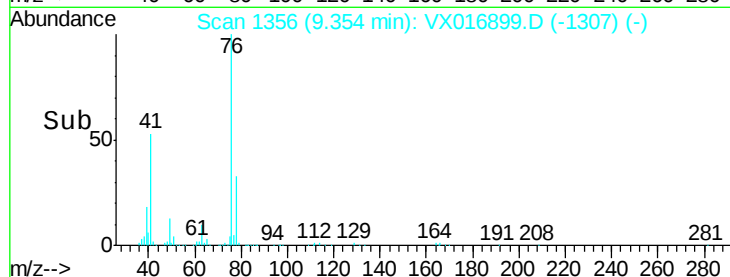
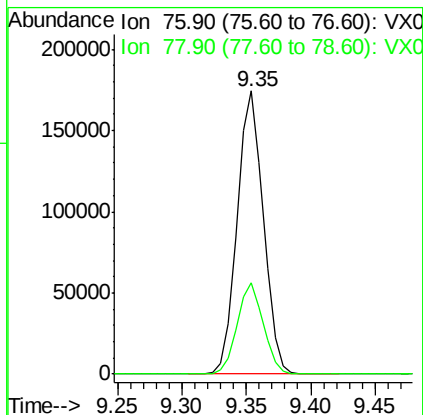
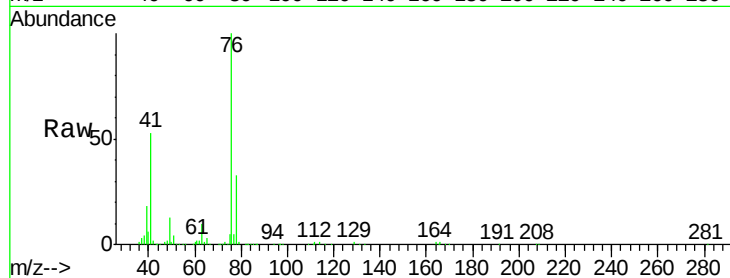
78 32.3 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 329.207 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016899.D

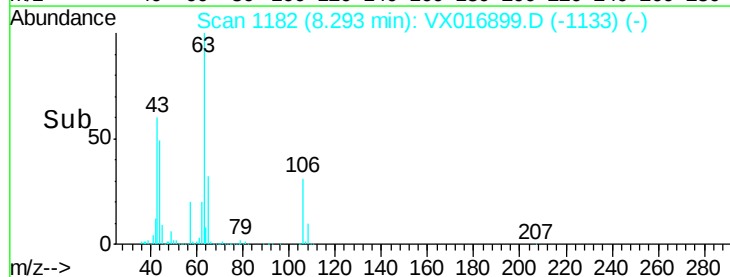
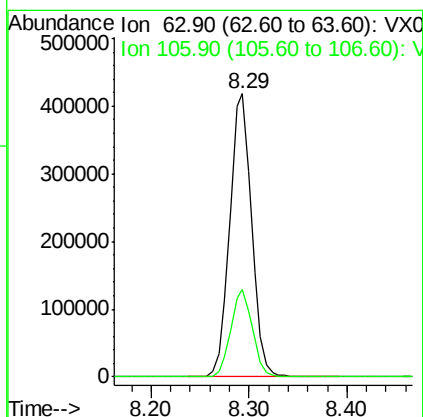
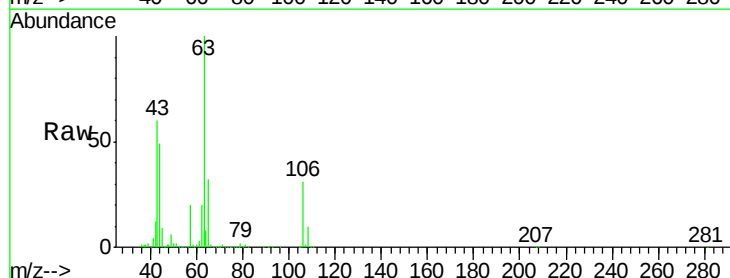
Acq: 19 Jun 2020 23:26

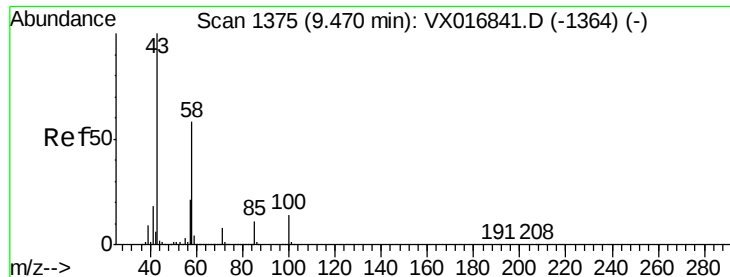
Tgt Ion: 63 Resp: 645728

Ion Ratio Lower Upper

63 100

106 30.5 25.8 38.6





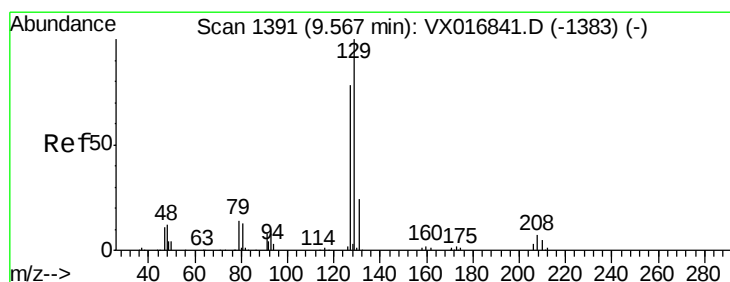
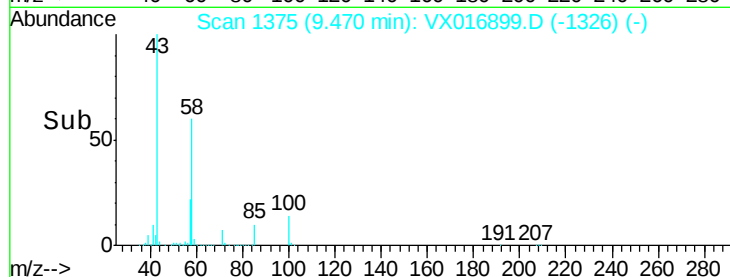
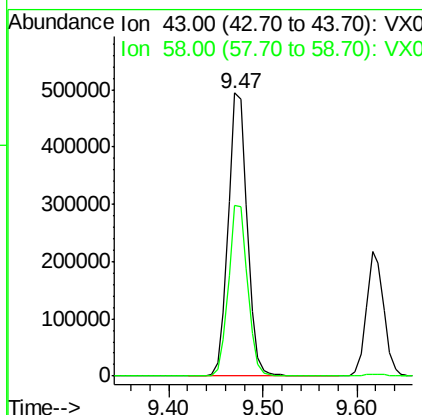
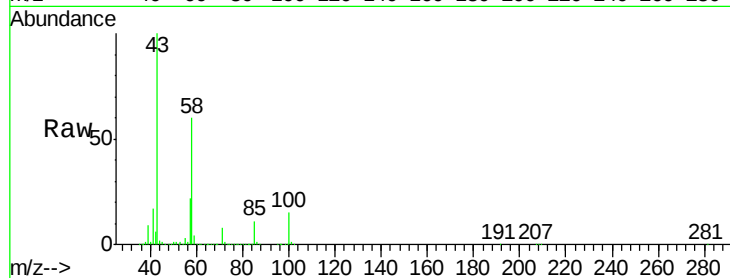
#59
2-Hexanone
Concen: 266.059 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.5	29.8	89.4

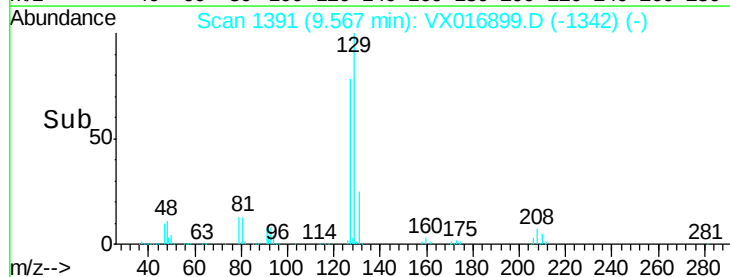
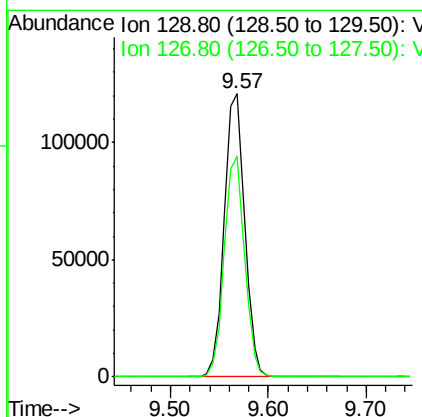
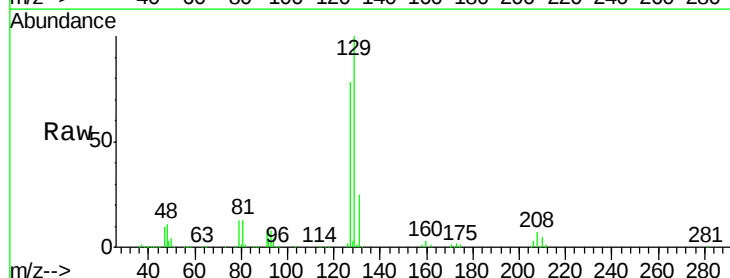
Manual Integrations
APPROVED

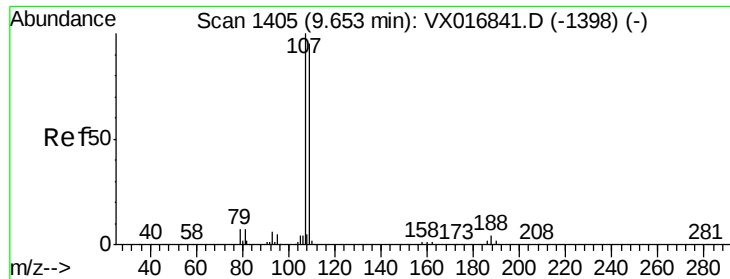
MMDadoda
6/22/2020 12:23:37 PM



#60
Dibromochloromethane
Concen: 50.466 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.5	115.5





#61

1,2-Dibromoethane

Concen: 49.801 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 157374

Ion Ratio Lower Upper

107 100

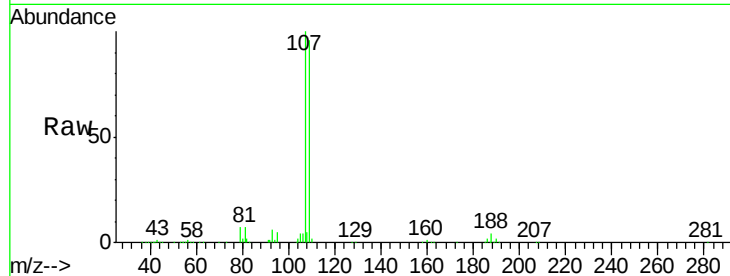
109 95.4 75.4 113.0

Manual Integrations

APPROVED

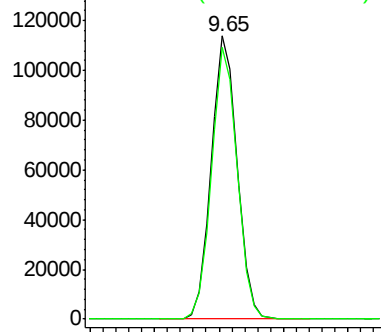
MMDadoda

6/22/2020 12:23:37 PM

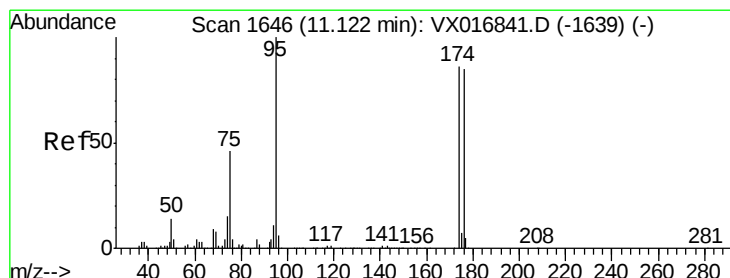
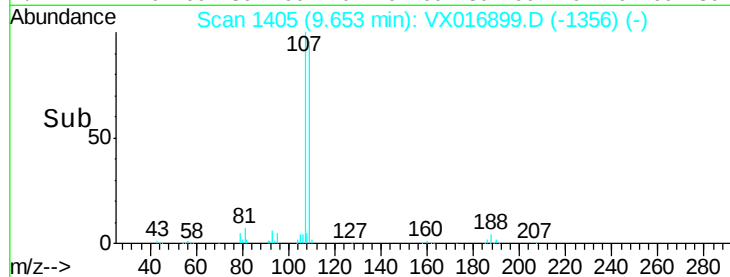


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 58.543 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

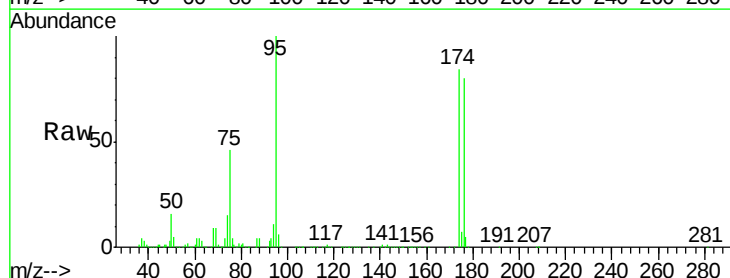
Tgt Ion: 95 Resp: 240895

Ion Ratio Lower Upper

95 100

174 82.7 0.0 174.2

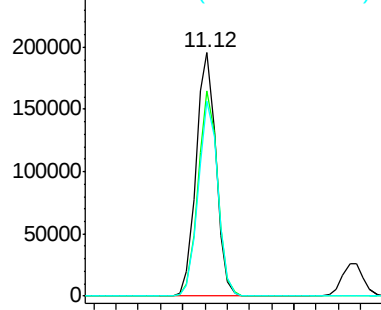
176 79.2 0.0 170.0



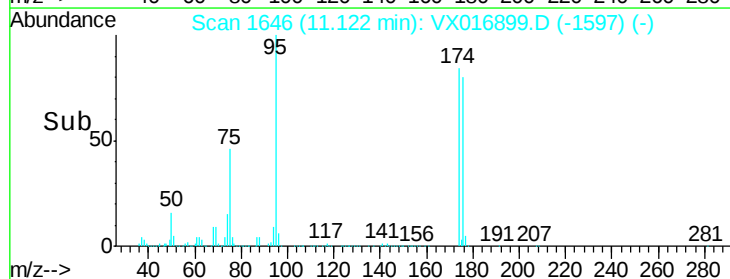
Abundance Ion 94.90 (94.60 to 95.60): VX0

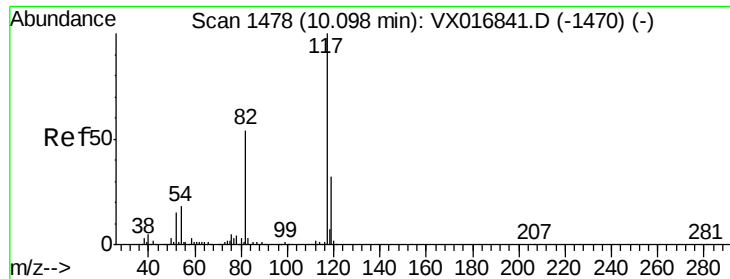
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time--> 11.10 11.20





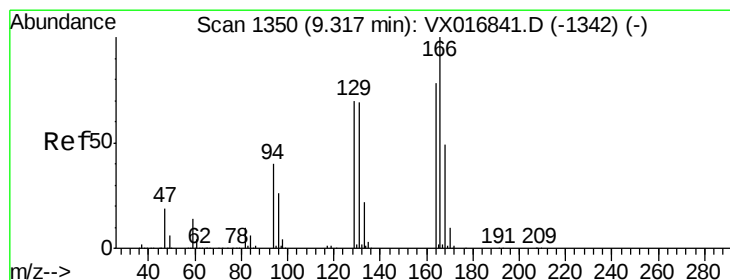
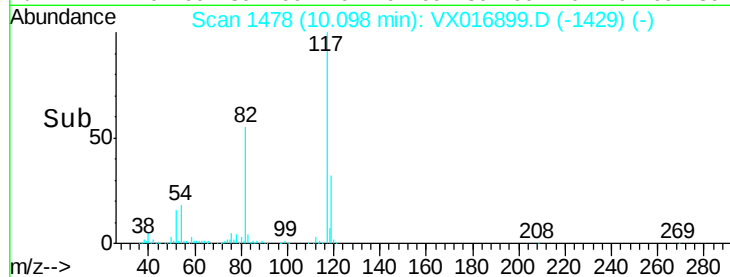
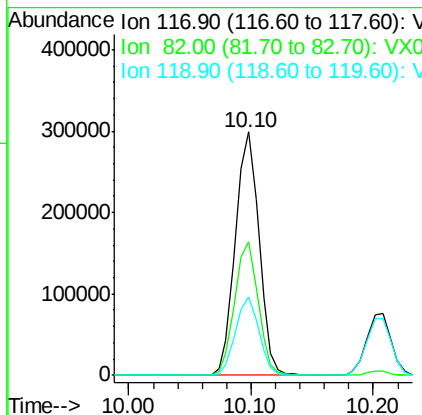
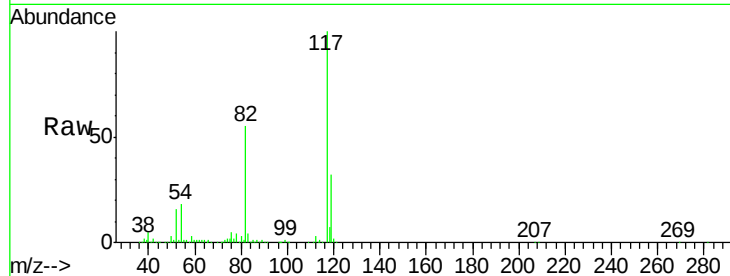
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	400873		
82	54.6		43.4	65.0
119	32.0		25.7	38.5

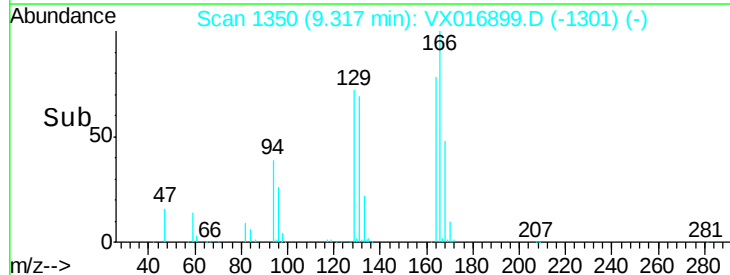
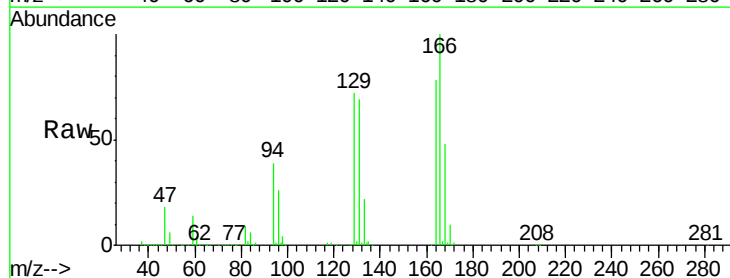
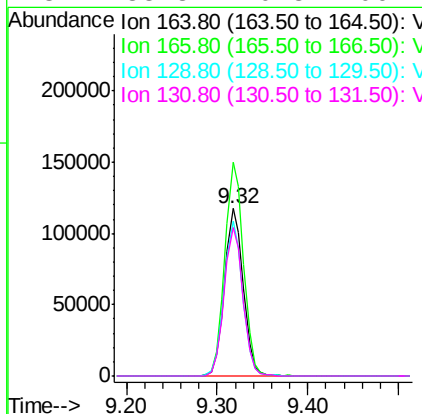
Manual Integrations
APPROVED

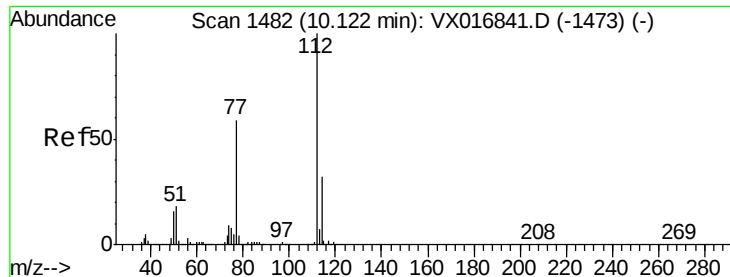
MMDadoda
6/22/2020 12:23:37 PM



#64
Tetrachloroethene
Concen: 45.381 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	168462		
166	127.5		102.6	153.8
129	92.3		72.2	108.2
131	88.3		70.8	106.2





#65

Chlorobenzene

Concen: 50.570 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 410514

Ion Ratio Lower Upper

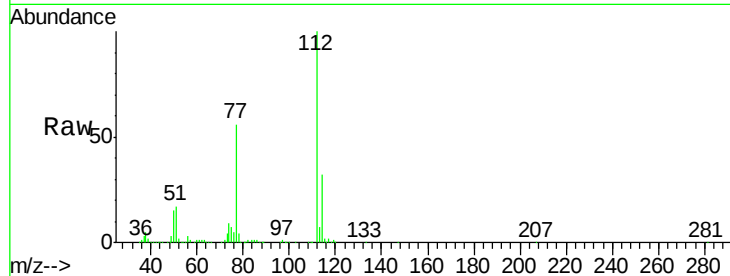
112 100

114 31.6 25.5 38.3

Manual Integrations
APPROVED

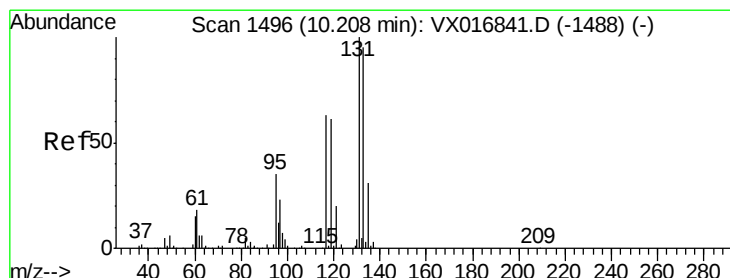
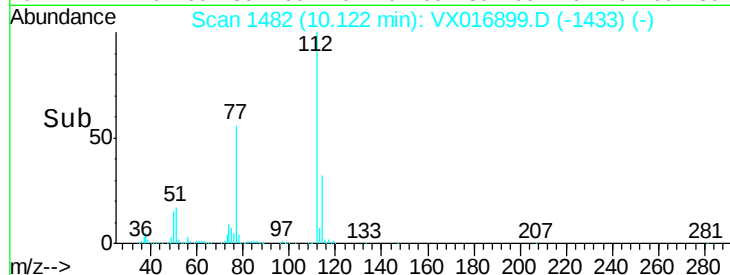
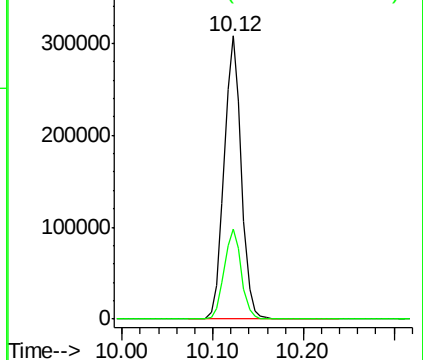
MMDadoda

6/22/2020 12:23:37 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.792 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

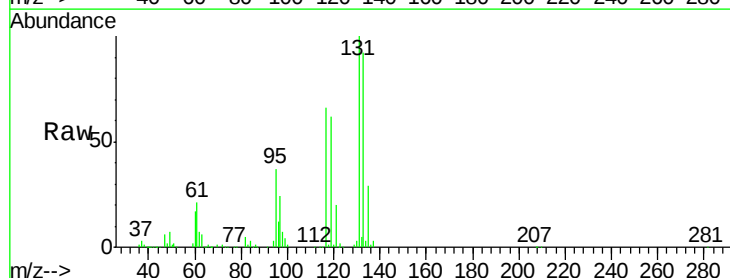
Tgt Ion:131 Resp: 159795

Ion Ratio Lower Upper

131 100

133 95.3 47.7 143.1

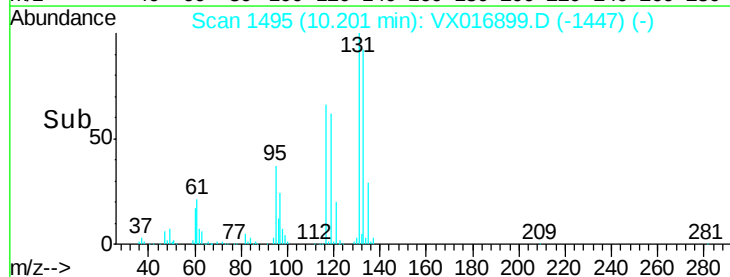
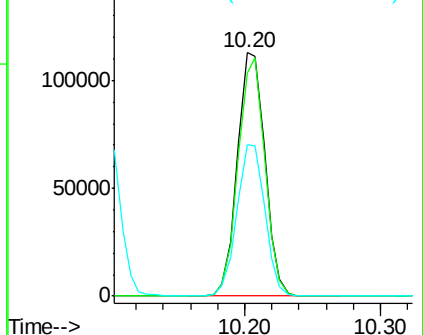
119 62.9 30.8 92.4

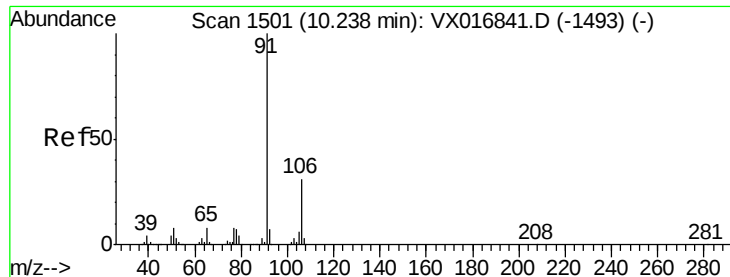


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





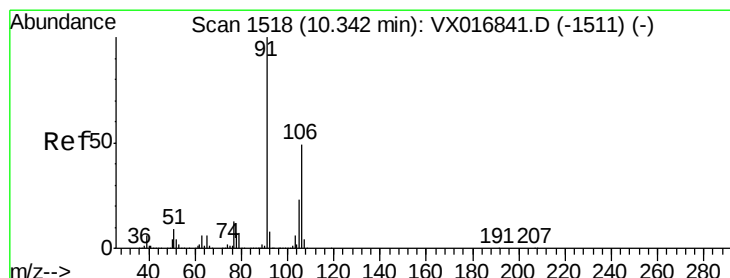
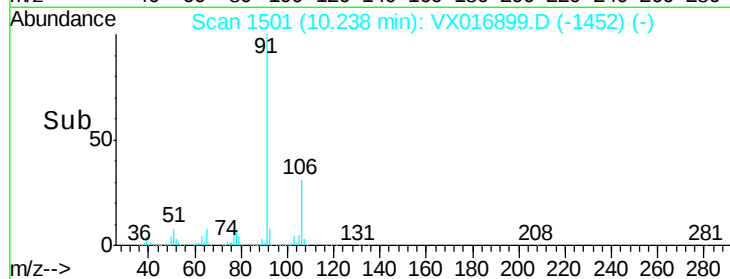
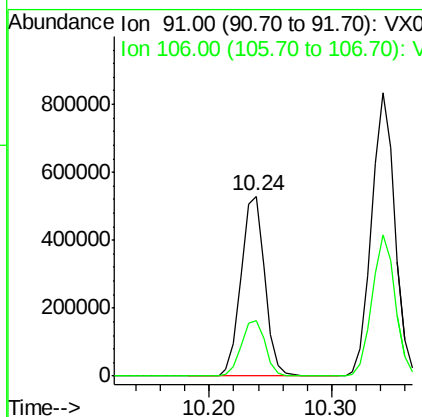
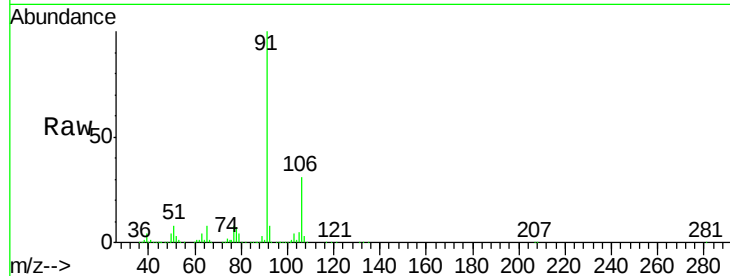
#67
Ethyl Benzene
Concen: 51.932 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 711279
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7

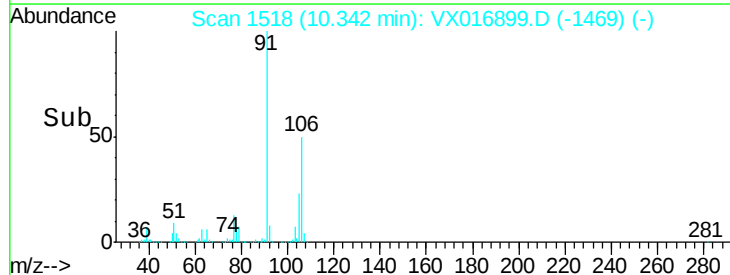
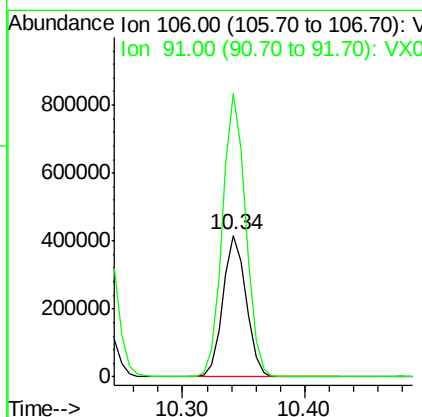
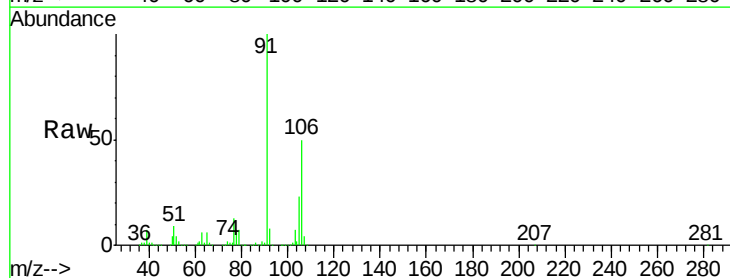
Manual Integrations
APPROVED

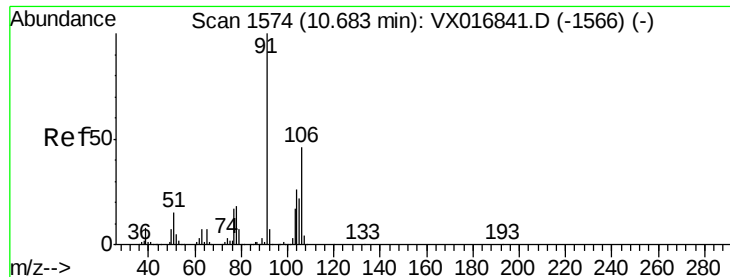
MMDadoda
6/22/2020 12:23:37 PM



#68
m/p-Xylenes
Concen: 102.653 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion: 106 Resp: 547109
Ion Ratio Lower Upper
106 100
91 201.4 161.5 242.3





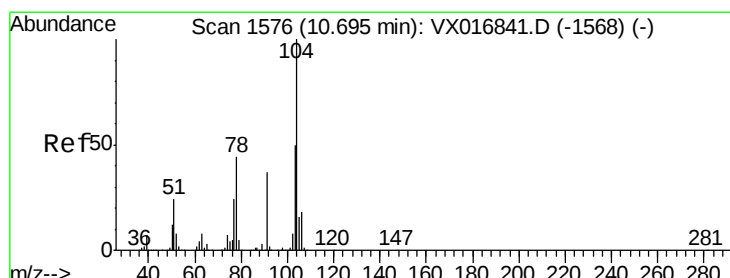
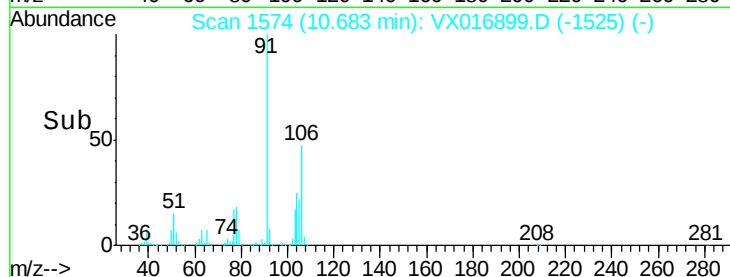
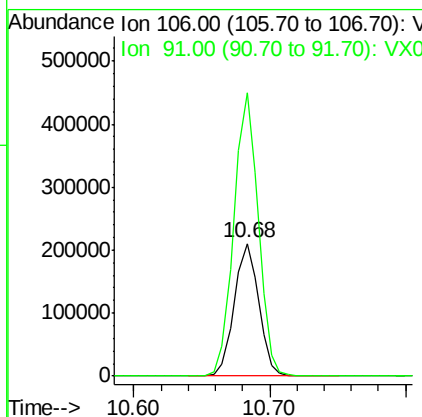
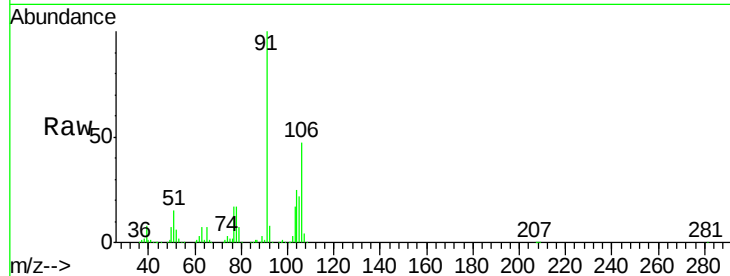
#69
o-Xylene
Concen: 53.363 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.3	107.9	323.7

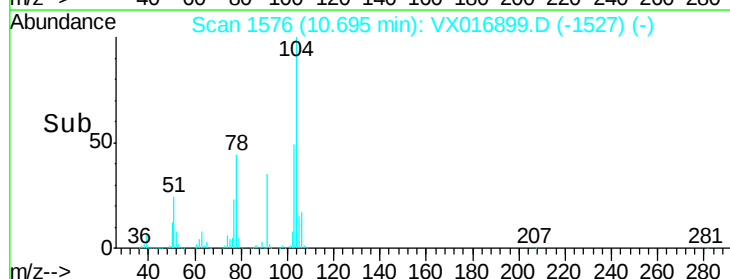
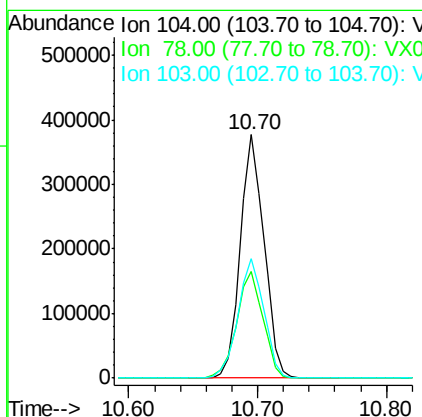
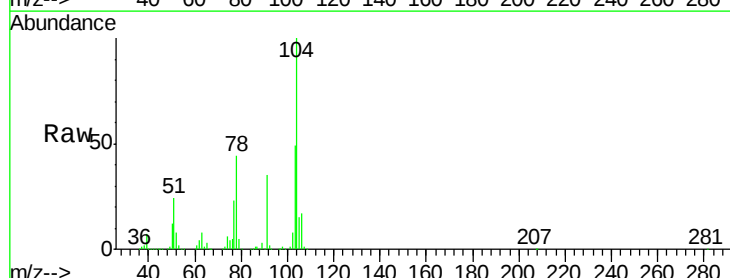
Manual Integrations
APPROVED

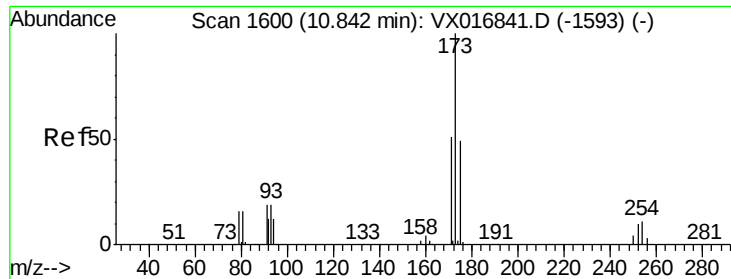
MMDadoda
6/22/2020 12:23:37 PM



#70
Styrene
Concen: 57.677 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.6	59.4
103	53.8	43.3	64.9





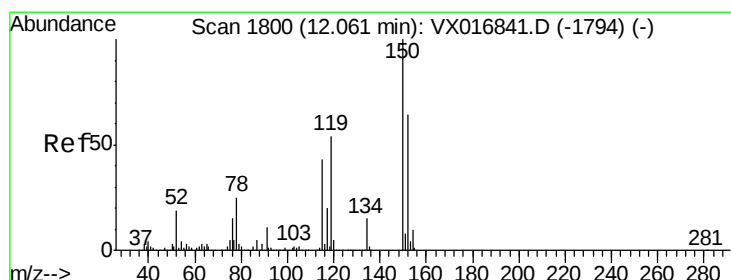
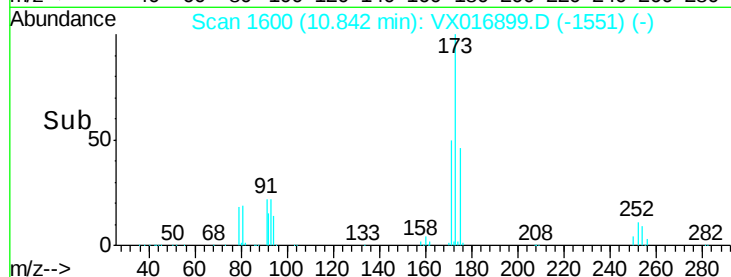
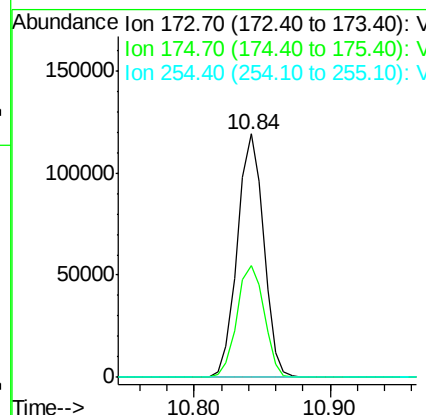
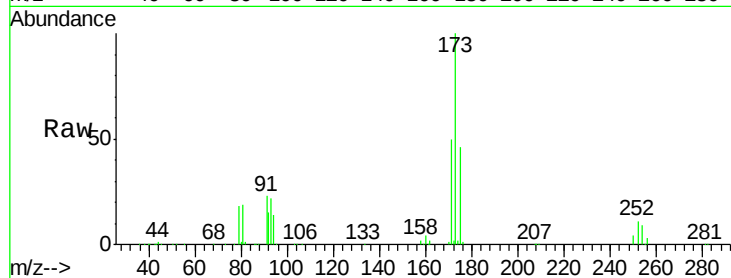
#71
Bromoform
Concen: 60.605 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.3	73.0
254	0.1	0.1	0.1

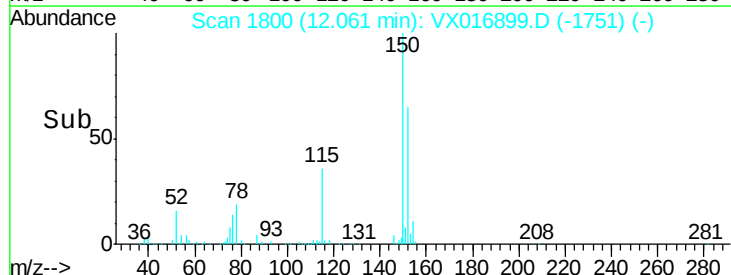
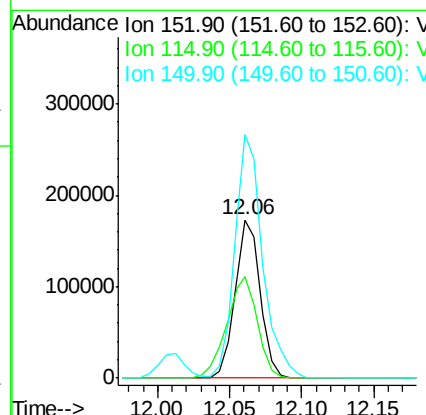
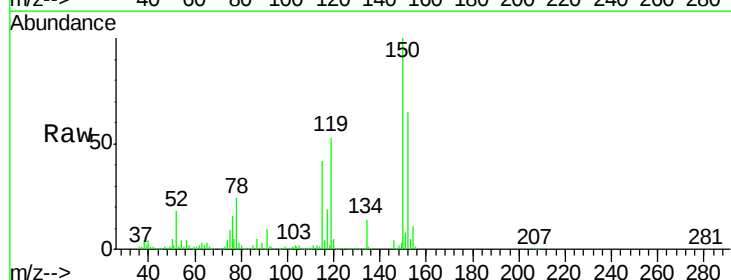
Manual Integrations
APPROVED

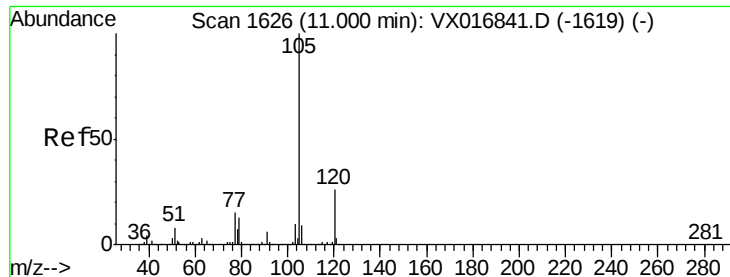
MMDadoda
6/22/2020 12:23:37 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.8	40.9	122.8
150	170.3	0.0	344.2





#73

Isopropylbenzene

Concen: 60.166 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 818492

Ion Ratio Lower Upper

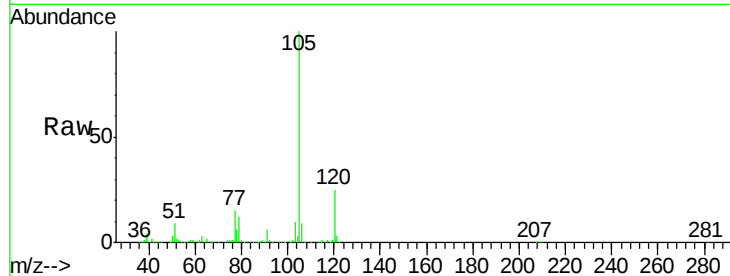
105 100

120 26.4 13.2 39.6

Manual Integrations
APPROVED

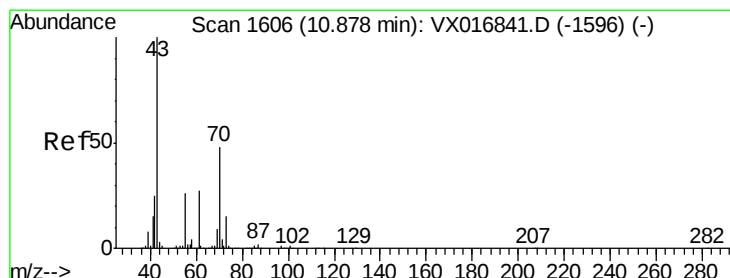
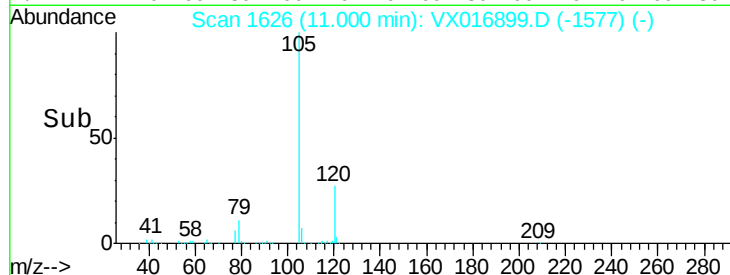
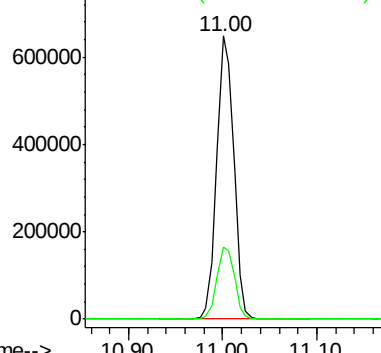
MMDadoda

6/22/2020 12:23:37 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 73.115 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Tgt Ion: 43 Resp: 347319

Ion Ratio Lower Upper

43 100

70 47.4 39.9 59.9

55 25.6 21.8 32.6

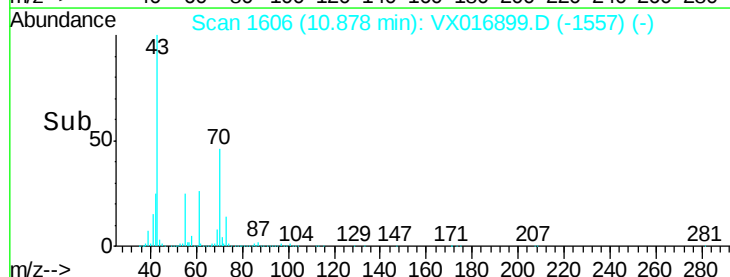
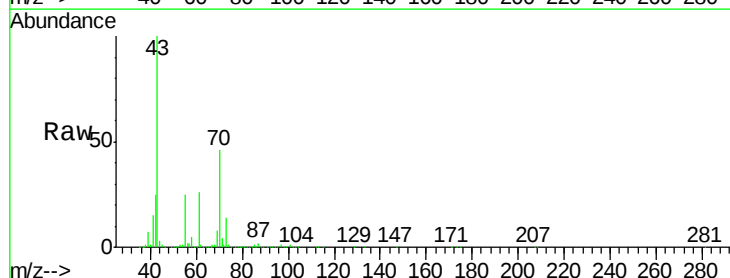
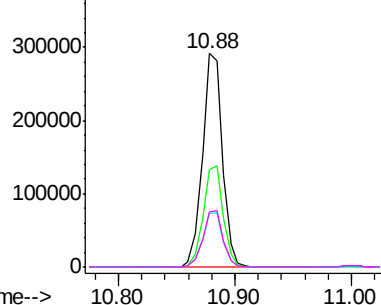
61 26.5 22.2 33.4

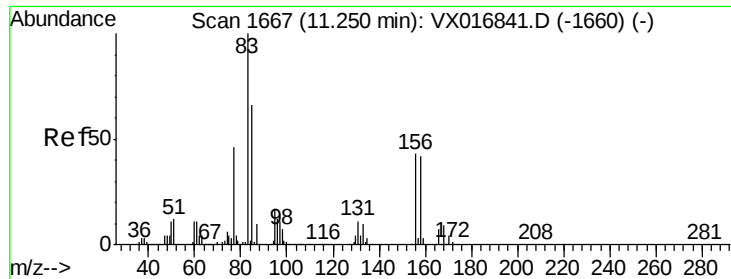
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 60.964 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

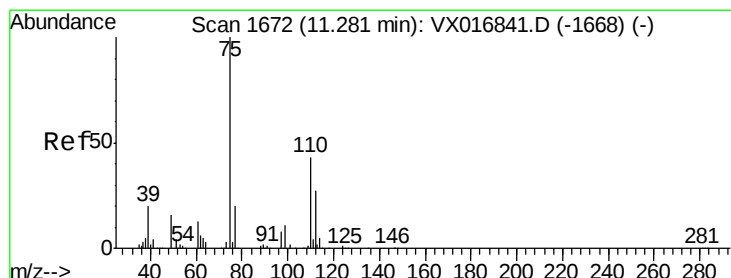
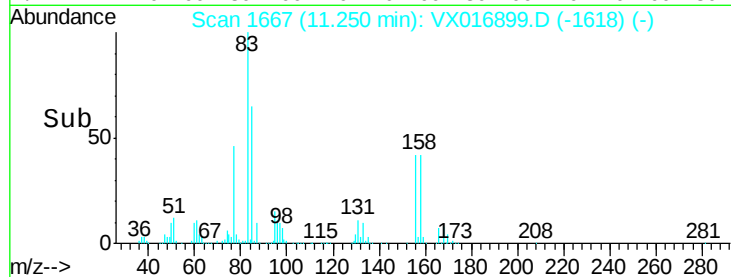
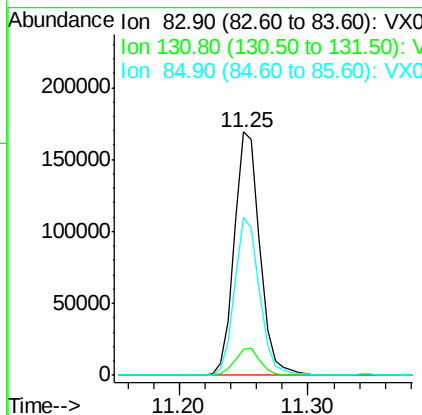
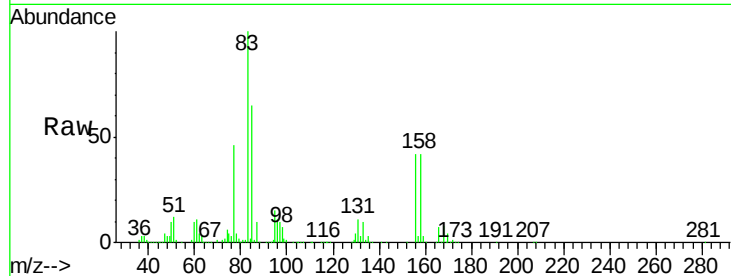
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	234180
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.7	17.1
85	63.7	32.6	97.8

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#76

1,2,3-Trichloropropane

Concen: 59.318 ug/l m

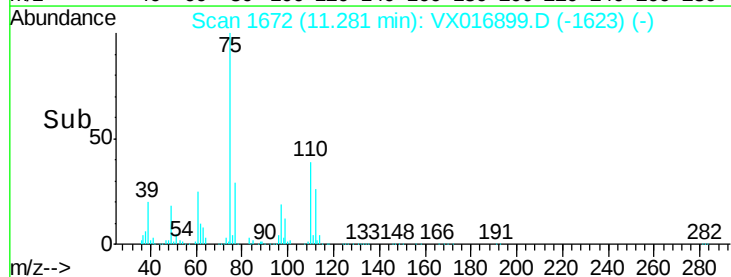
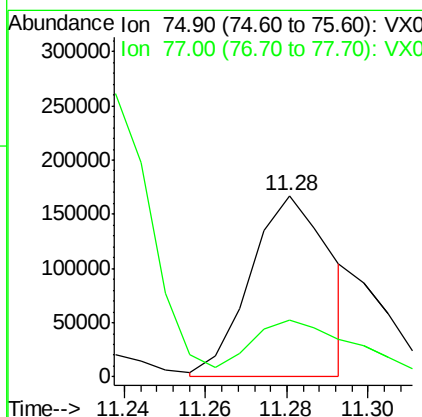
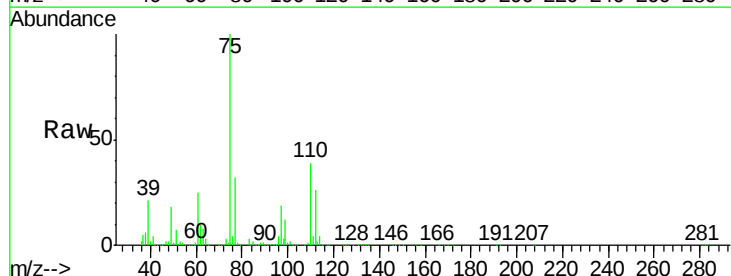
RT: 11.28 min Scan# 1672

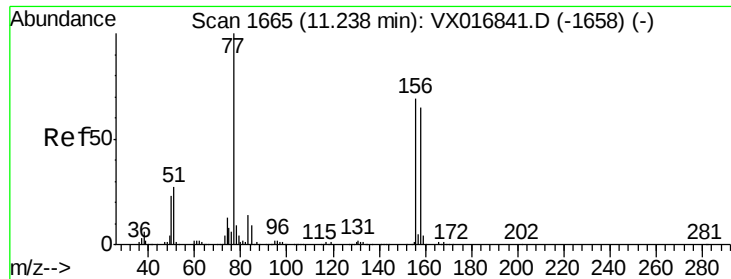
Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Tgt Ion:	75	Resp:	228895
Ion Ratio	Lower	Upper	
75	100		
77	41.0	20.5	61.5





#77

Bromobenzene

Concen: 59.403 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

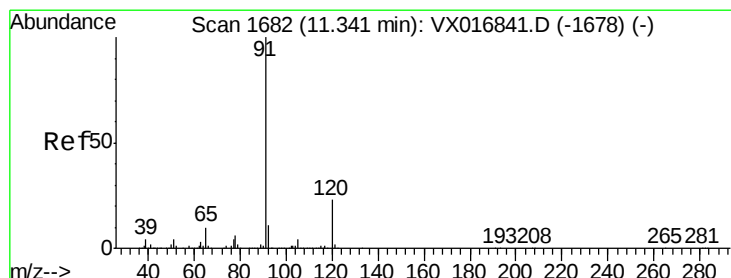
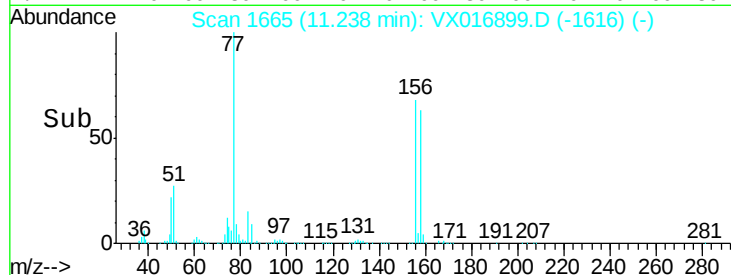
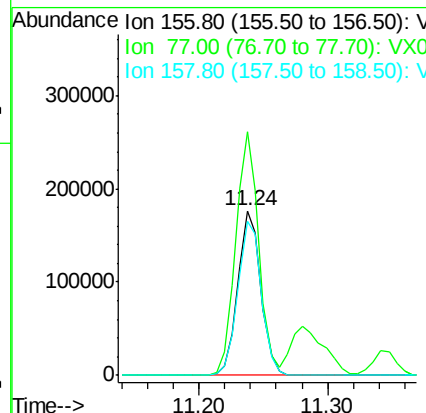
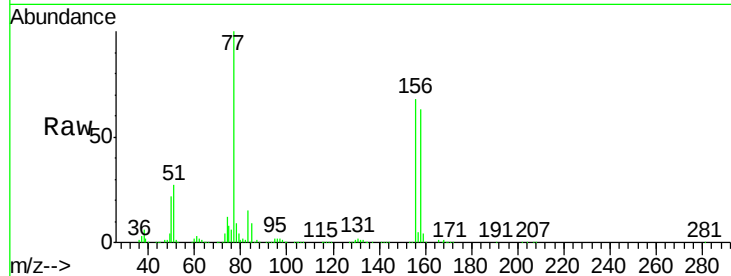
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	220390
Ion Ratio	Lower	Upper	
156	100		
77	148.1	73.4	220.2
158	96.0	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 55.577 ug/l

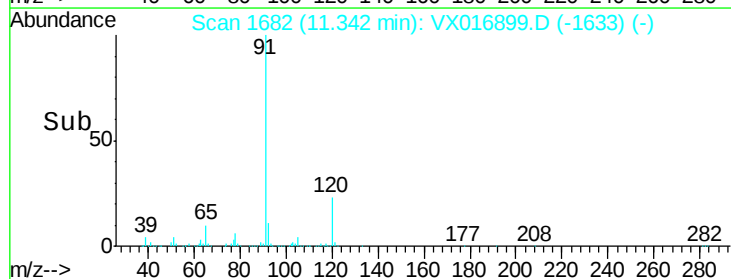
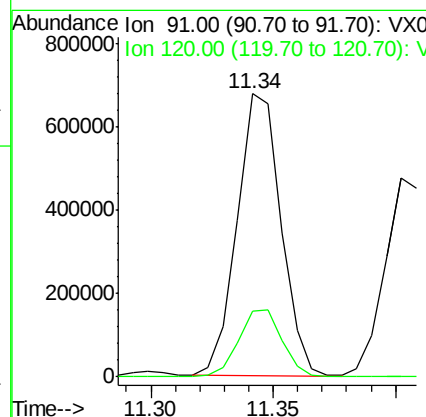
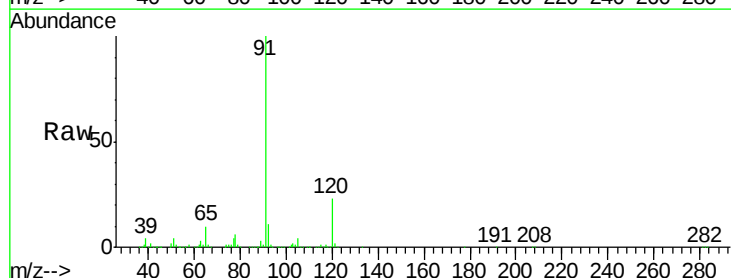
RT: 11.34 min Scan# 1682

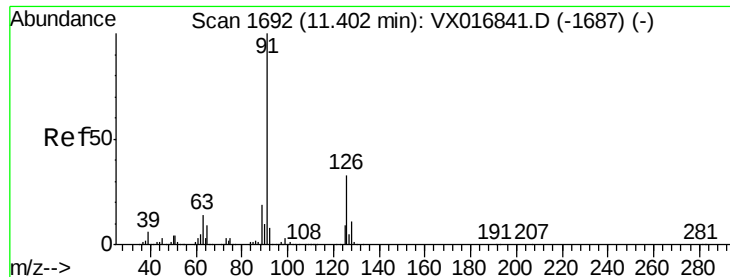
Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Tgt Ion:	91	Resp:	843784
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.5





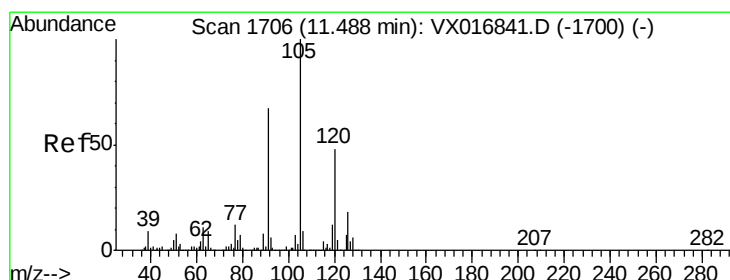
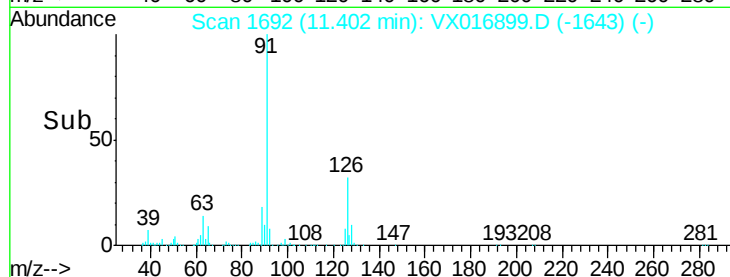
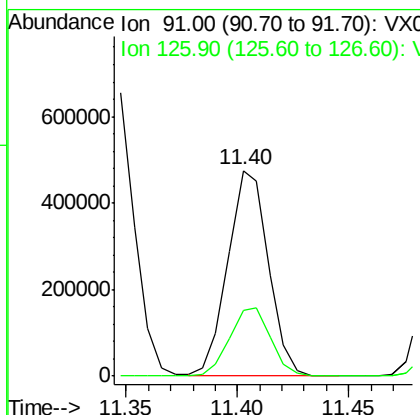
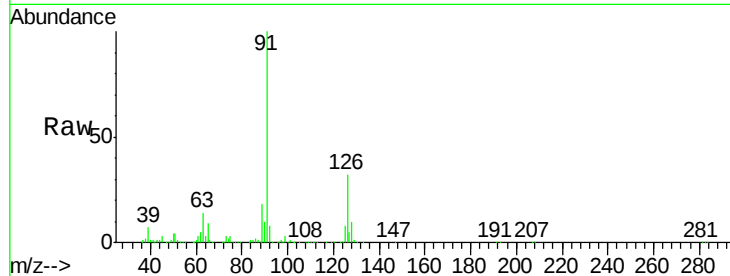
#79
2-Chlorotoluene
Concen: 64.820 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 602116
Ion Ratio Lower Upper
91 100
126 33.9 17.2 51.5

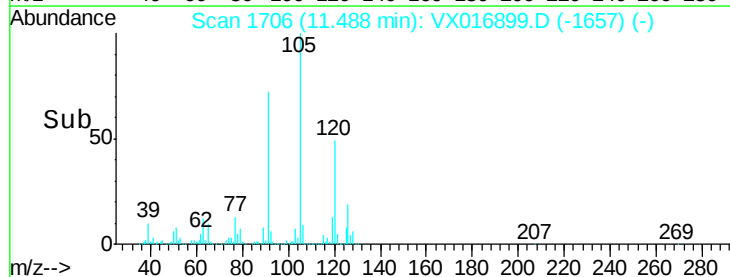
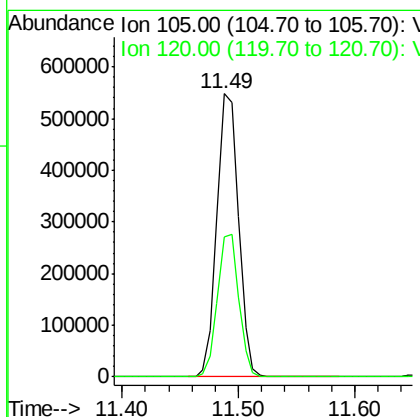
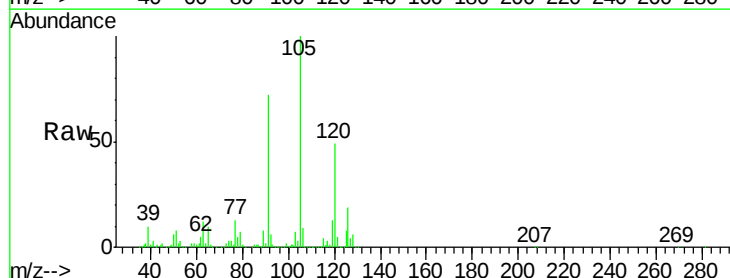
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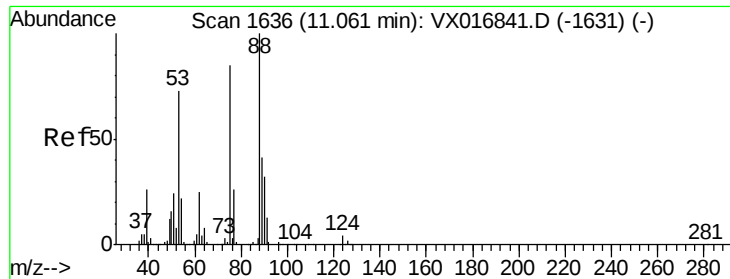
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#80
1,3,5-Trimethylbenzene
Concen: 59.631 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion: 105 Resp: 699913
Ion Ratio Lower Upper
105 100
120 49.8 24.6 74.0





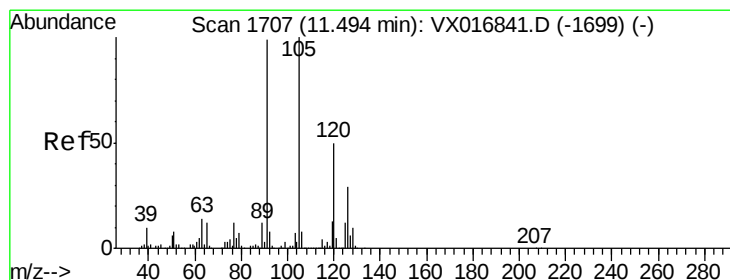
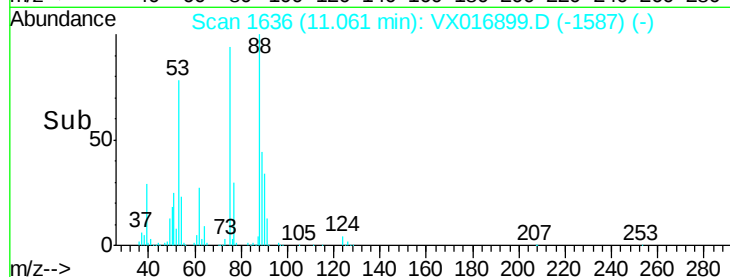
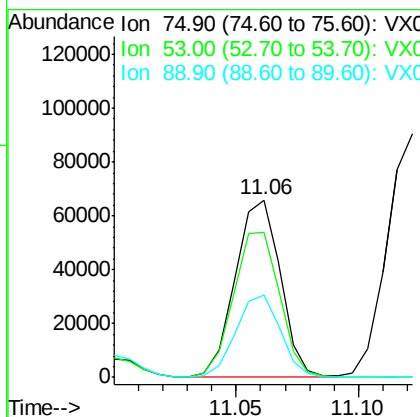
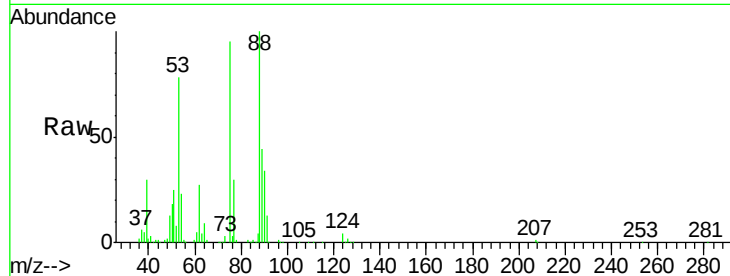
#81
trans-1,4-Dichloro-2-butene
Concen: 53.528 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.3	69.8	104.8
89	46.0	38.3	57.5

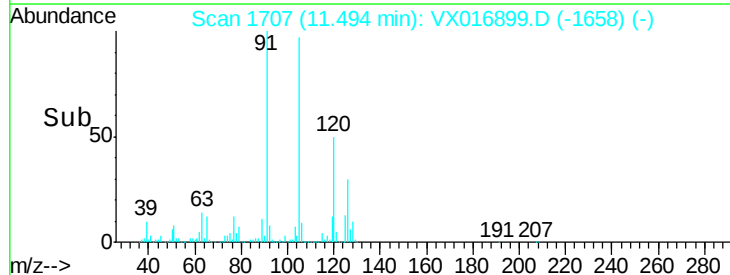
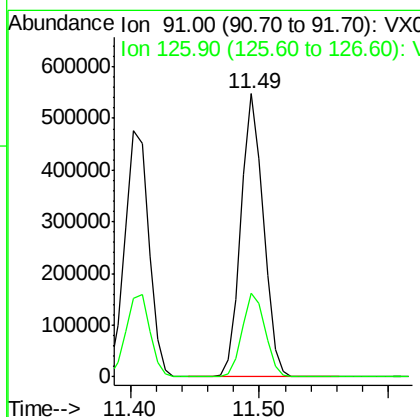
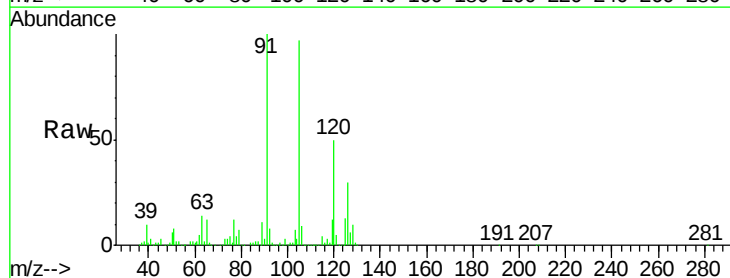
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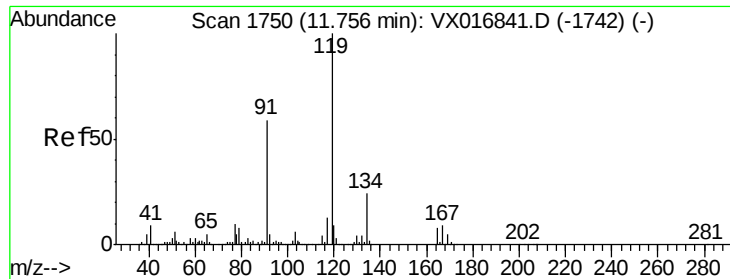
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#82
4-Chlorotoluene
Concen: 59.559 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	15.0	45.0





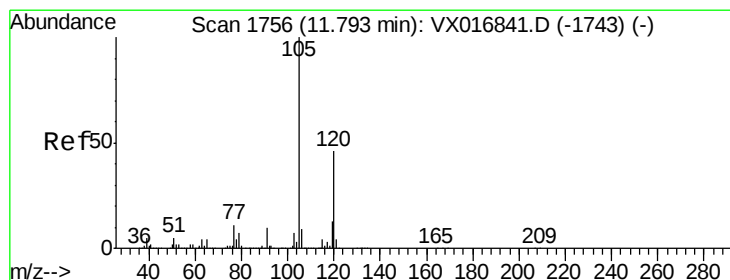
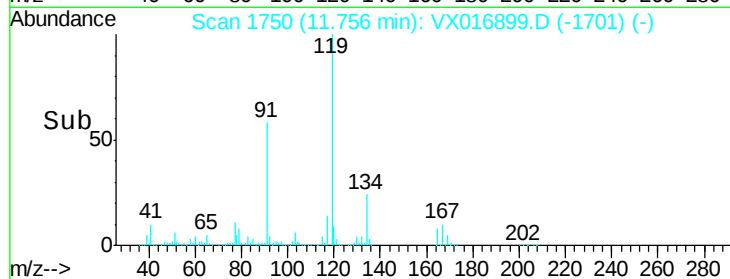
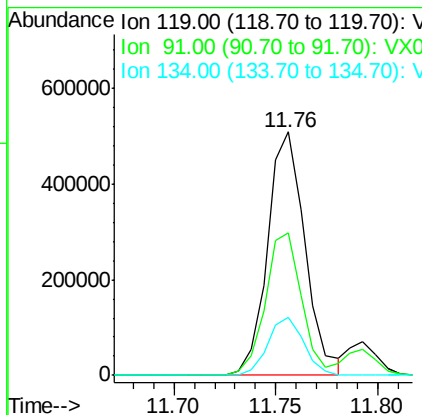
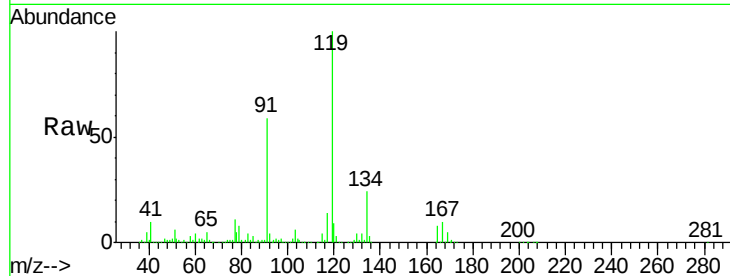
#83
tert-Butylbenzene
Concen: 56.178 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	652408		
91	56.1	28.5	85.5	
134	23.0	11.7	35.1	

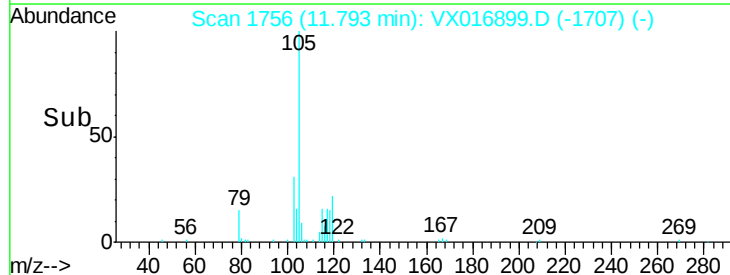
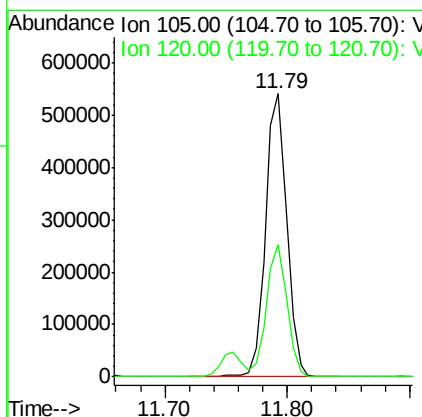
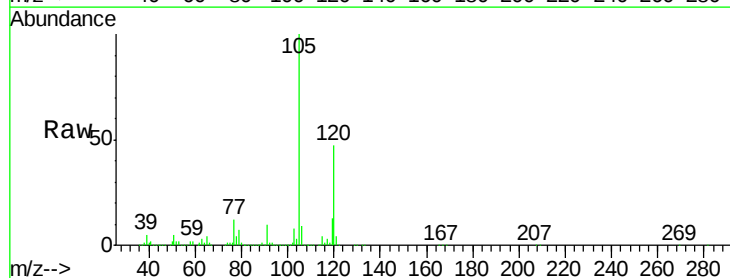
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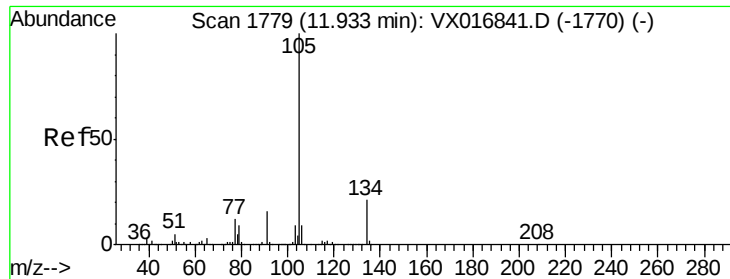
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#84
1,2,4-Trimethylbenzene
Concen: 54.111 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	654240		
120	45.3	22.3	66.9	





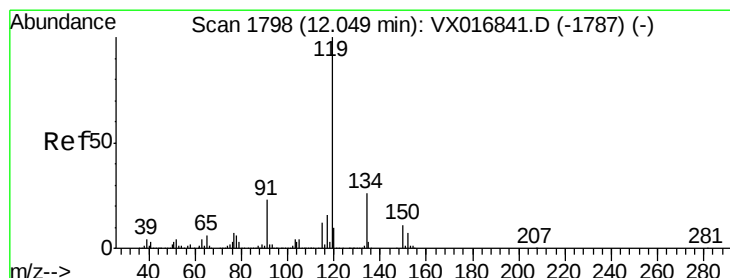
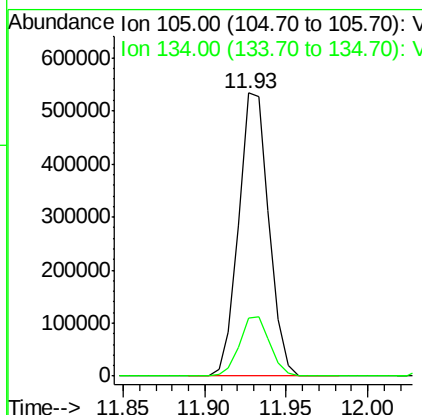
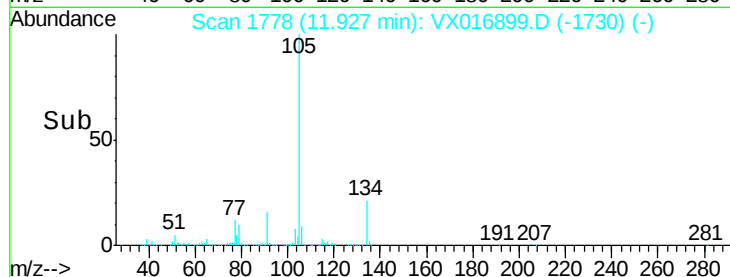
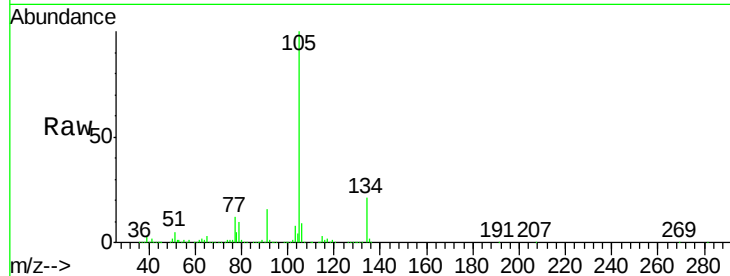
#85
 sec-Butylbenzene
 Concen: 50.982 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX016899.D
 Acq: 19 Jun 2020 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.4	31.2

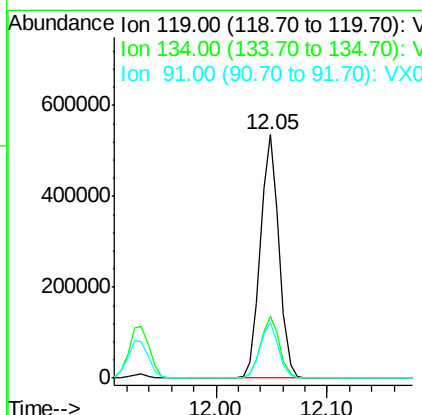
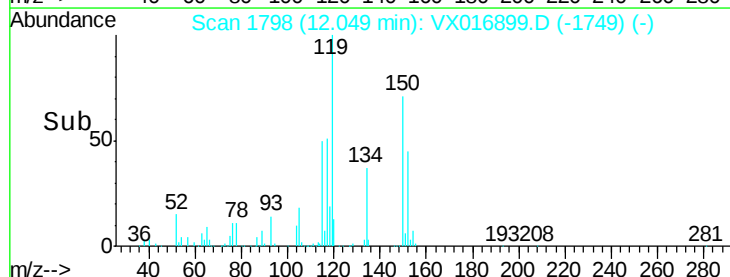
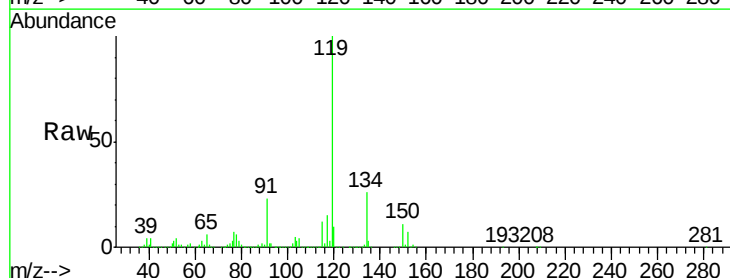
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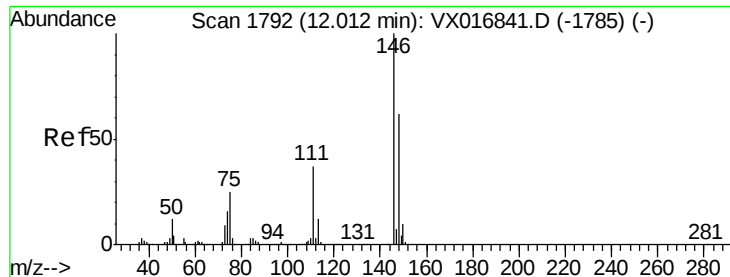
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#86
 p-Isopropyltoluene
 Concen: 50.539 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016899.D
 Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.7
91	22.5	11.6	34.8





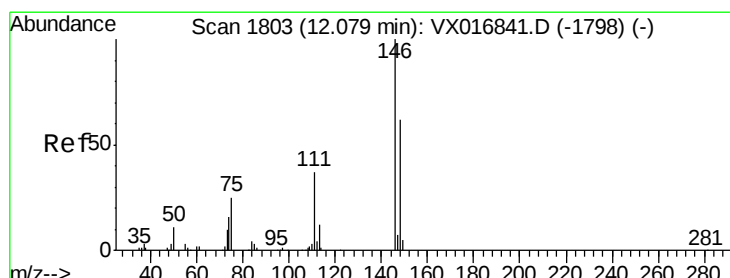
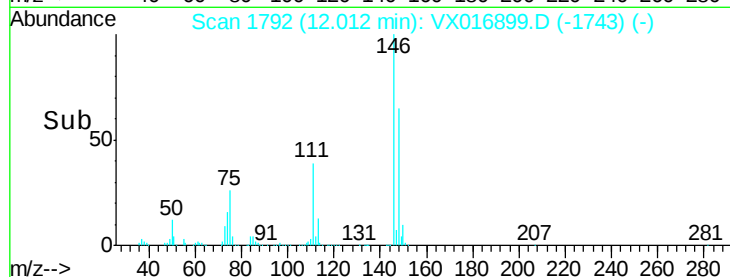
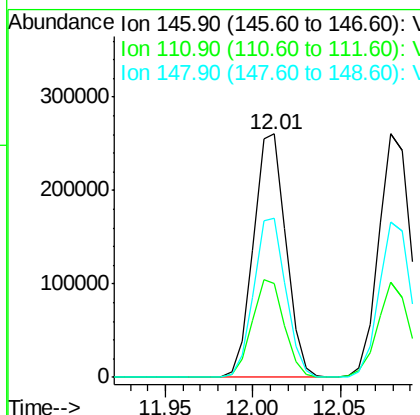
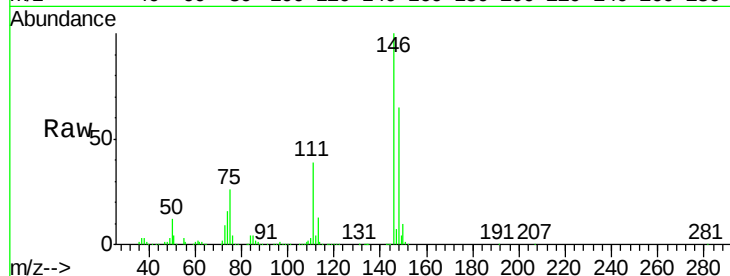
#87
 1,3-Dichlorobenzene
 Concen: 49.672 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016899.D
 Acq: 19 Jun 2020 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	336685		
111	39.7	19.4	58.2	
148	64.8	31.8	95.3	

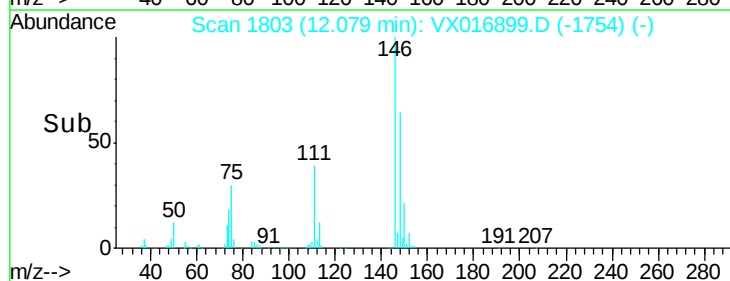
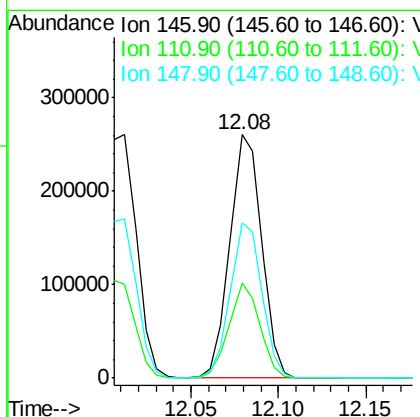
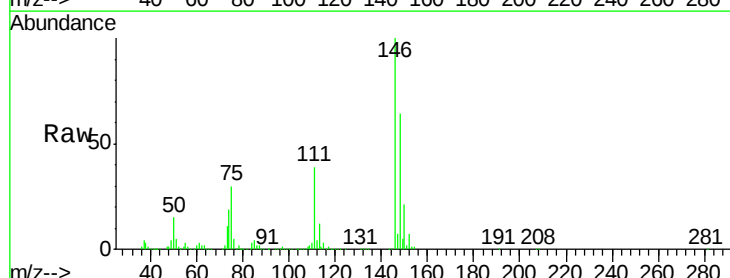
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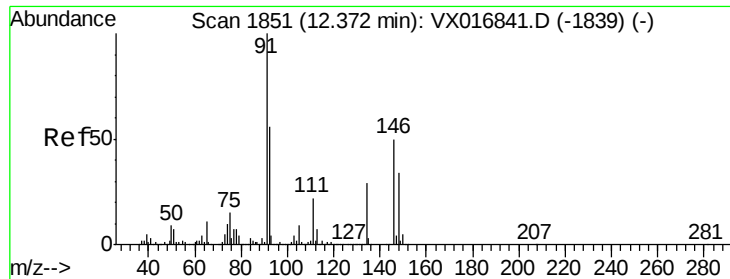
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#88
 1,4-Dichlorobenzene
 Concen: 48.193 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016899.D
 Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	330361		
111	38.1	19.0	57.0	
148	63.6	31.6	95.0	





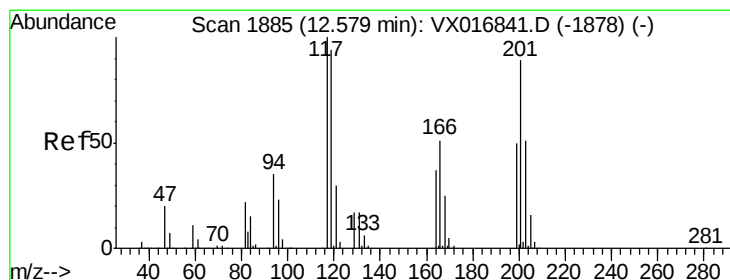
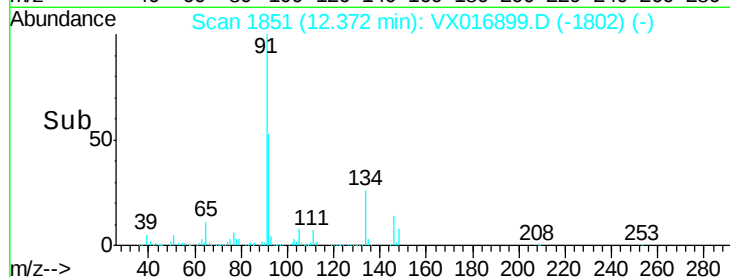
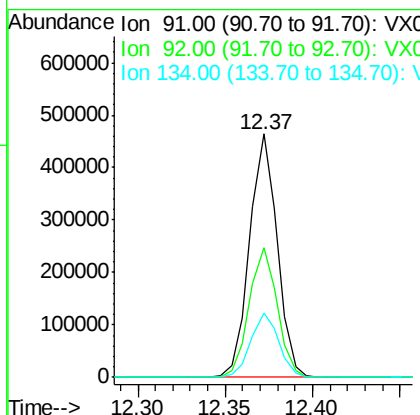
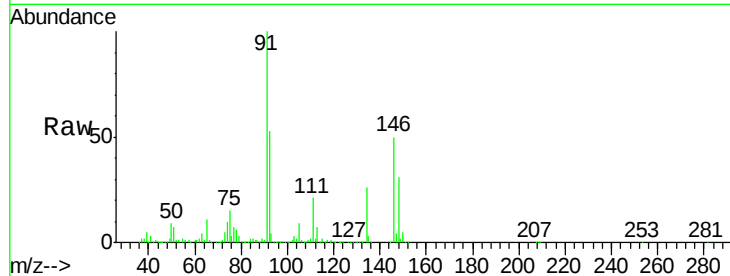
#89
n-Butylbenzene
Concen: 48.005 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.4	82.2
134	26.7	13.9	41.6

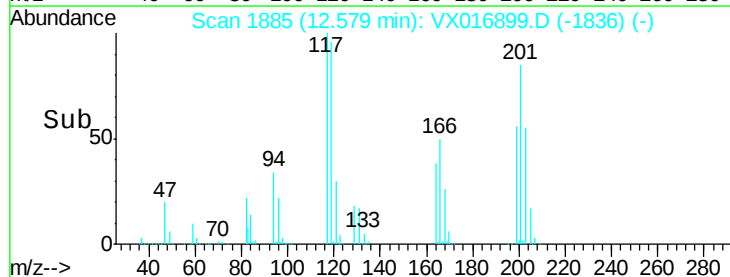
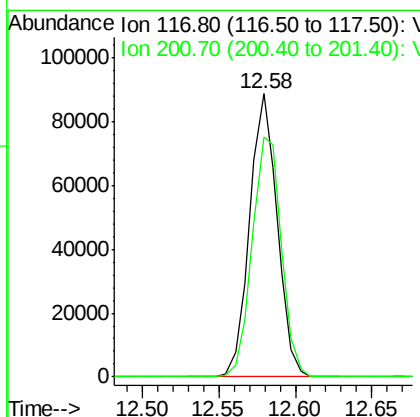
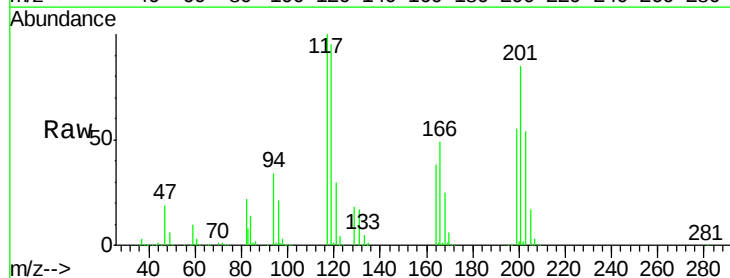
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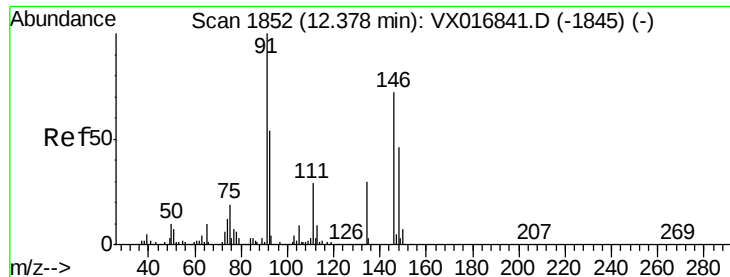
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#90
Hexachloroethane
Concen: 49.817 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.0	44.9	134.5





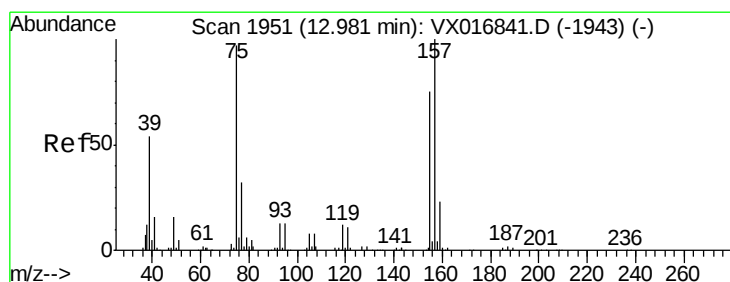
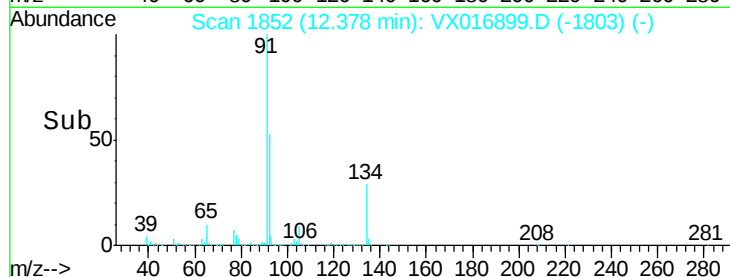
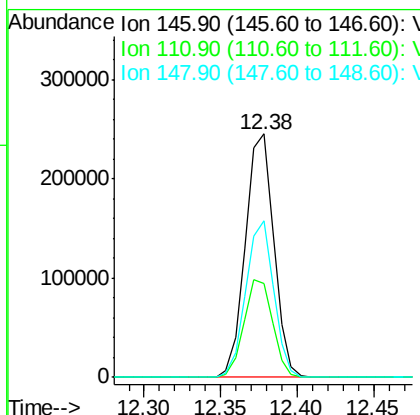
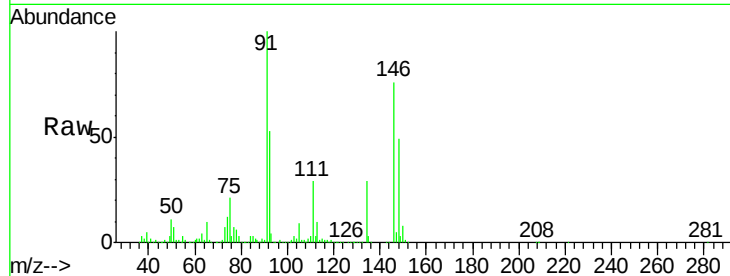
#91
 1,2-Dichlorobenzene
 Concen: 48.562 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016899.D
 Acq: 19 Jun 2020 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.7	20.9	62.7	
148	62.9	32.9	98.6	

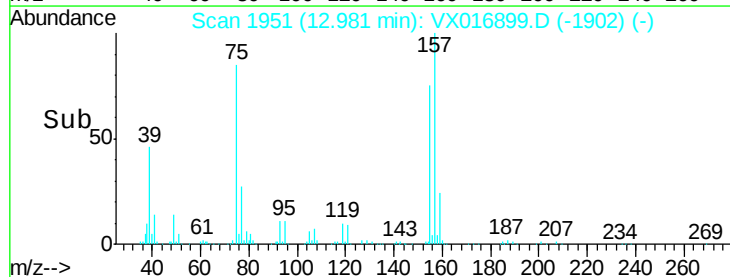
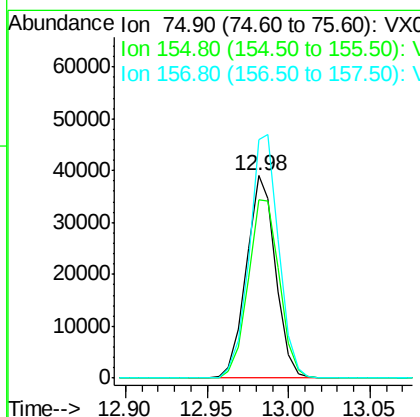
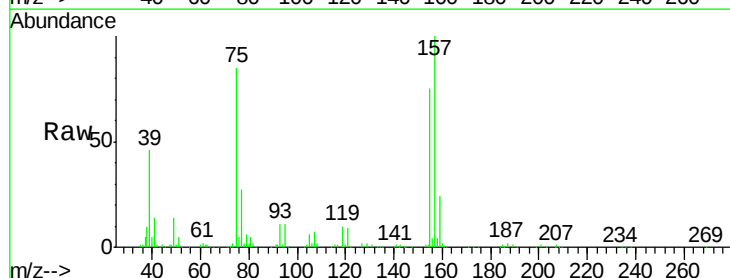
Manual Integrations
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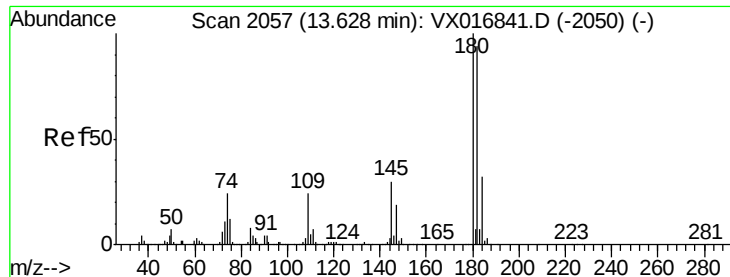
MMDadoda
 6/22/2020 12:23:37 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.288 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016899.D
 Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	94.3	46.4	139.1	
157	122.1	58.6	175.8	





#93

1,2,4-Trichlorobenzene

Concen: 50.981 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Instrument :

MSVOA_X

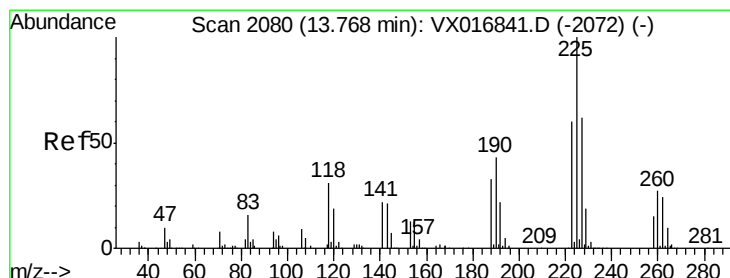
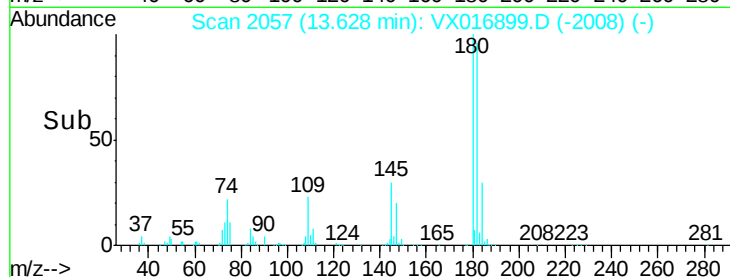
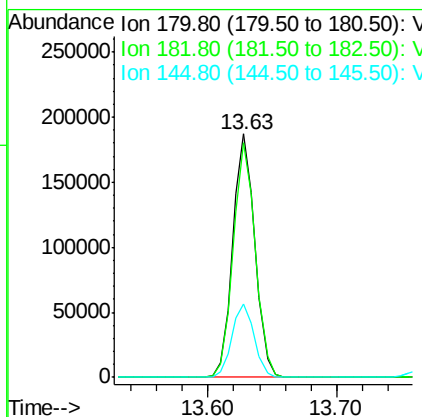
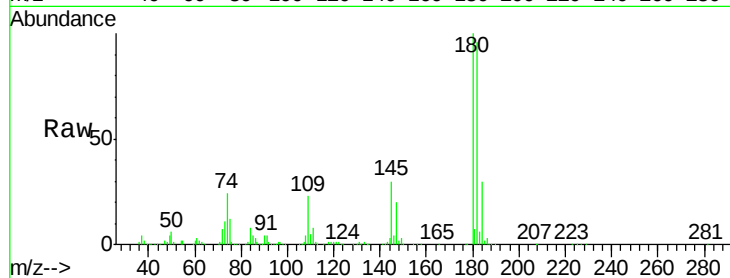
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	224011
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.7	143.1
145	30.7	15.0	45.1

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6/22/2020 12:23:37 PM



#94

Hexachlorobutadiene

Concen: 40.898 ug/l

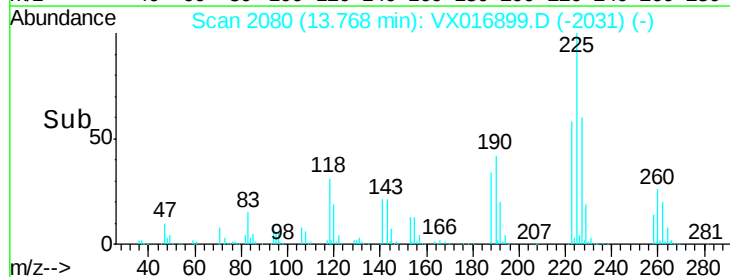
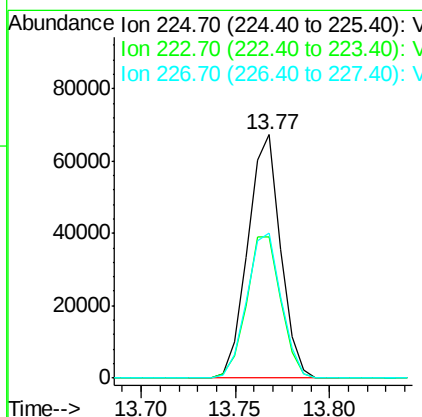
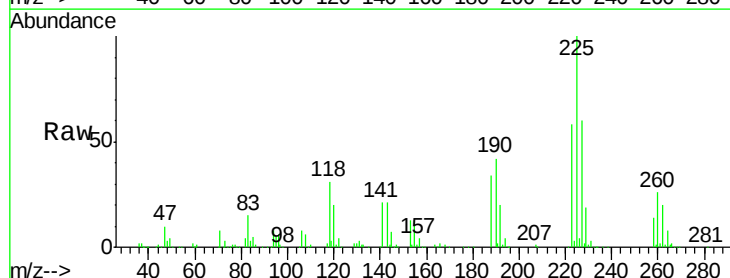
RT: 13.77 min Scan# 2080

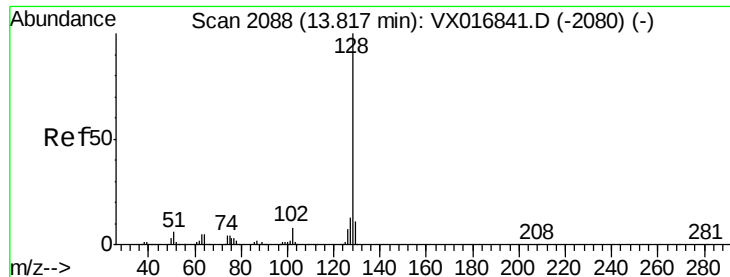
Delta R.T. 0.00 min

Lab File: VX016899.D

Acq: 19 Jun 2020 23:26

Tgt Ion:	225	Resp:	81091
Ion Ratio	Lower	Upper	
225	100		
223	61.3	32.1	96.5
227	62.6	32.3	96.8





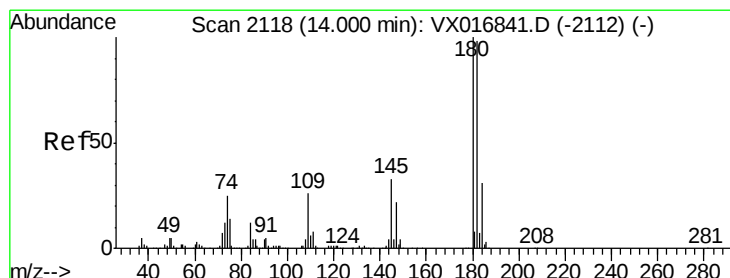
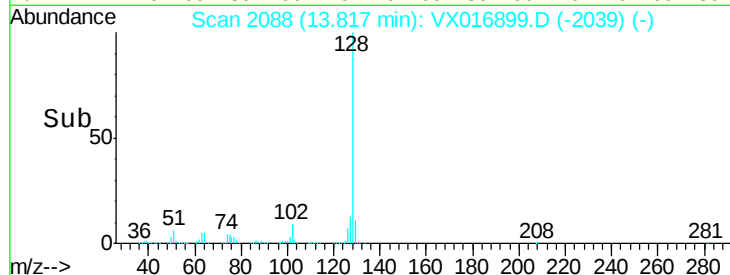
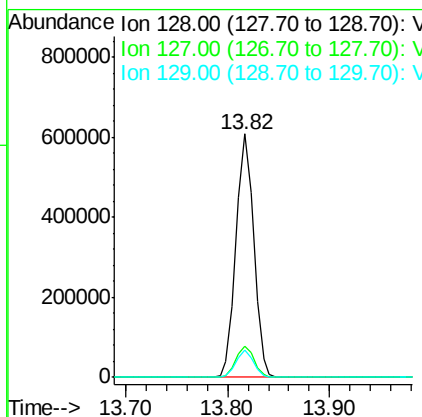
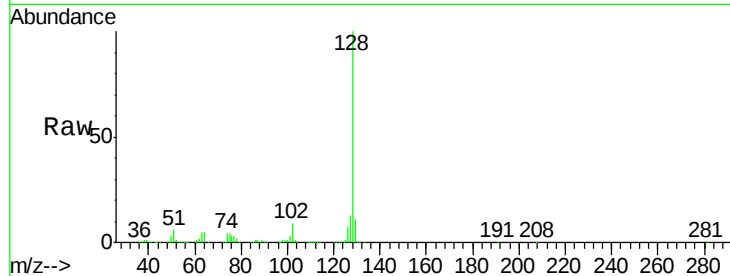
#95
Naphthalene
Concen: 56.432 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.612 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016899.D
Acq: 19 Jun 2020 23:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.4	142.3
145	32.0	16.0	48.0

