

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061120\
 Data File : VX016692.D
 Acq On : 11 Jun 2020 10:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 6/12/2020 5:45:27 PM

Quant Time: Jun 12 07:03:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	212786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	318527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	301593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	159588	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	127325	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	5.46	113	102833	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
50) Toluene-d8	8.70	98	376087	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.12	95	146426	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	86533	41.323	ug/l	98
3) Chloromethane	1.31	50	97824	38.657	ug/l	99
4) Vinyl Chloride	1.39	62	108865	40.680	ug/l	99
5) Bromomethane	1.62	94	63618	48.892	ug/l	98
6) Chloroethane	1.70	64	72044	46.150	ug/l	97
7) Trichlorofluoromethane	1.91	101	175612	49.967	ug/l	97
8) Diethyl Ether	2.17	74	72662	49.582	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	98176	50.755	ug/l	98
10) Methyl Iodide	2.49	142	109189	47.416	ug/l	100
11) Tert butyl alcohol	3.02	59	153833	227.018	ug/l	100
12) 1,1-Dichloroethene	2.36	96	96495	47.129	ug/l	95
13) Acrolein	2.27	56	70233	243.650	ug/l	98
14) Allyl chloride	2.70	41	159408	42.335	ug/l	96
15) Acrylonitrile	3.11	53	322579	232.393	ug/l	99
16) Acetone	2.42	43	283397	244.782	ug/l	99
17) Carbon Disulfide	2.54	76	241863	39.779	ug/l	99
18) Methyl Acetate	2.75	43	144853	48.782	ug/l	95
19) Methyl tert-butyl Ether	3.16	73	374892	50.991	ug/l	96
20) Methylene Chloride	2.83	84	114150	47.655	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	104377	46.088	ug/l	91
22) Diisopropyl ether	3.82	45	320567	44.317	ug/l	93
23) Vinyl Acetate	3.78	43	1438810	227.247	ug/l	95
24) 1,1-Dichloroethane	3.67	63	187853	46.012	ug/l	100
25) 2-Butanone	4.63	43	424587	216.431	ug/l	94
26) 2,2-Dichloropropane	4.54	77	178384	53.396	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	125527	47.911	ug/l	97
28) Bromochloromethane	4.98	49	93369	49.214	ug/l	83
29) Tetrahydrofuran	5.09	42	273179	215.544	ug/l	92
30) Chloroform	5.17	83	205913	50.055	ug/l	97
31) Cyclohexane	5.54	56	142289	38.740	ug/l	89
32) 1,1,1-Trichloroethane	5.46	97	183193	49.188	ug/l	98
36) 1,1-Dichloropropene	5.76	75	140437	46.566	ug/l	98
37) Ethyl Acetate	4.79	43	159990	44.187	ug/l	97
38) Carbon Tetrachloride	5.75	117	164930	52.039	ug/l	100

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	154323	47.111	ug/l	96
40) Benzene	6.11	78	437240	48.685	ug/l	100
41) Methacrylonitrile	4.99	41	88339	44.417	ug/l	95
42) 1,2-Dichloroethane	6.16	62	167642	52.488	ug/l	100
43) Isopropyl Acetate	6.41	43	257157	45.533	ug/l	97
44) Trichloroethene	7.18	130	141953	49.817	ug/l	98
45) 1,2-Dichloropropane	7.49	63	111807	48.901	ug/l	97
46) Dibromomethane	7.63	93	81385	52.996	ug/l	96
47) Bromodichloromethane	7.87	83	172364	54.207	ug/l	99
48) Methyl methacrylate	7.74	41	127781	47.254	ug/l	96
49) 1,4-Dioxane	7.71	88	64216	1014.727	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	831144	236.346	ug/l	97
52) Toluene	8.76	92	285793	50.463	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	195947	54.193	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	202387	52.882	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	123031	54.638	ug/l	96
56) Ethyl methacrylate	9.16	69	190450	51.932	ug/l	95
57) 1,3-Dichloropropane	9.35	76	202839	52.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	468426	244.714	ug/l	94
59) 2-Hexanone	9.47	43	643605	235.344	ug/l	97
60) Dibromochloromethane	9.57	129	145919	57.583	ug/l	100
61) 1,2-Dibromoethane	9.65	107	130650	54.182	ug/l	99
64) Tetrachloroethene	9.32	164	171241	50.750	ug/l	99
65) Chlorobenzene	10.12	112	318442	51.791	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	129716	55.266	ug/l	99
67) Ethyl Benzene	10.23	91	544781	49.764	ug/l	100
68) m/p-Xylenes	10.34	106	420981	103.718	ug/l	99
69) o-Xylene	10.68	106	200822	51.088	ug/l	99
70) Styrene	10.70	104	365421	54.083	ug/l	99
71) Bromoform	10.84	173	116020	58.489	ug/l #	99
73) Isopropylbenzene	11.00	105	543265	49.131	ug/l	100
74) N-amyl acetate	10.88	43	218602	42.980	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	143767	51.878	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	174823m	49.838	ug/l	
77) Bromobenzene	11.24	156	148643	51.253	ug/l	95
78) n-propylbenzene	11.34	91	602771	48.793	ug/l	99
79) 2-Chlorotoluene	11.40	91	373872	49.581	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	471697	51.089	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	69497	48.734	ug/l	97
82) 4-Chlorotoluene	11.49	91	443725	49.830	ug/l	99
83) tert-Butylbenzene	11.76	119	395010	50.070	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	468225	50.145	ug/l	100
85) sec-Butylbenzene	11.93	105	487400	49.249	ug/l	99
86) p-Isopropyltoluene	12.05	119	475051	51.243	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	258048	51.358	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	263217	51.221	ug/l	99
89) n-Butylbenzene	12.37	91	392519	50.833	ug/l	99
90) Hexachloroethane	12.58	117	83463	52.123	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	251811	51.728	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44376	49.437	ug/l	99

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VSTDCCC050

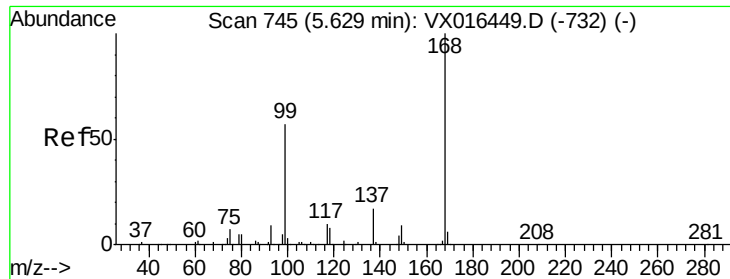
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	179796	55.613	ug/l	100
94) Hexachlorobutadiene	13.77	225	79835	62.894	ug/l	98
95) Naphthalene	13.82	128	598410	53.993	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	181119	57.183	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 212786

Ion Ratio Lower Upper

168 100

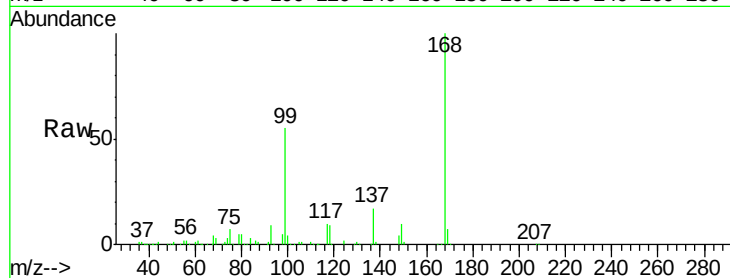
99 55.4 45.2 67.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

40000

20000

0

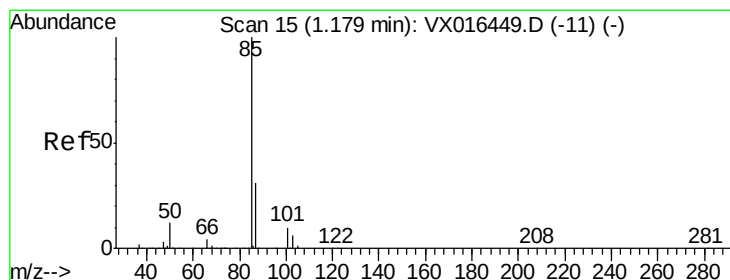
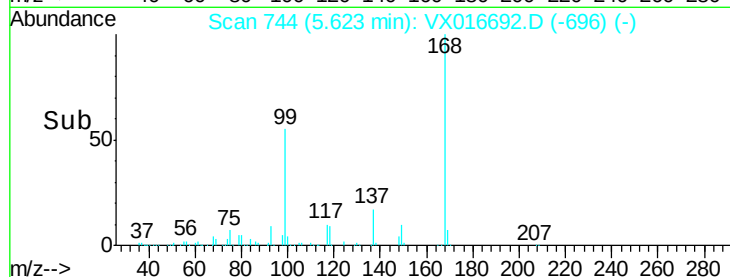
5.50

5.62

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 41.323 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX016692.D

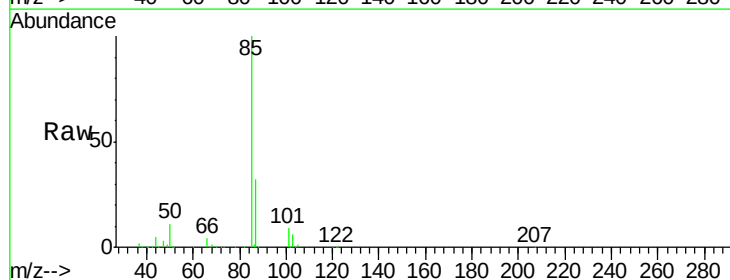
Acq: 11 Jun 2020 10:18

Tgt Ion: 85 Resp: 86533

Ion Ratio Lower Upper

85 100

87 31.6 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

40000

20000

0

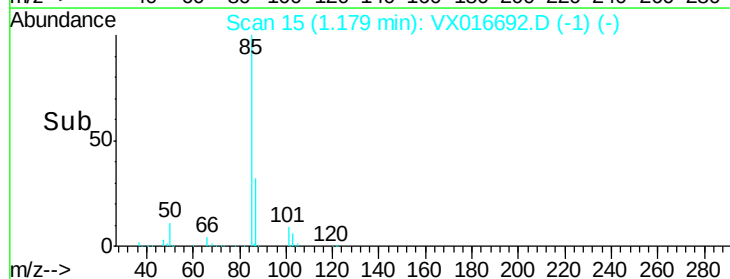
1.15

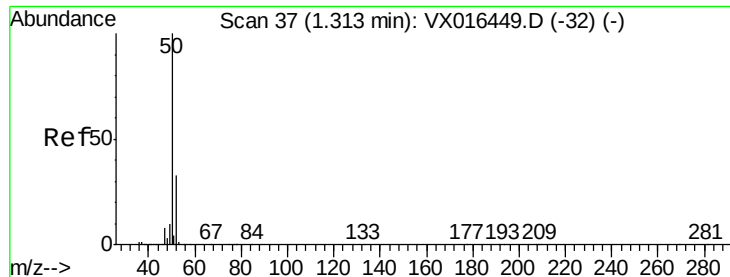
1.18

1.20

1.25

Time-->





#3

Chloromethane

Concen: 38.657 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 97824

Ion Ratio Lower Upper

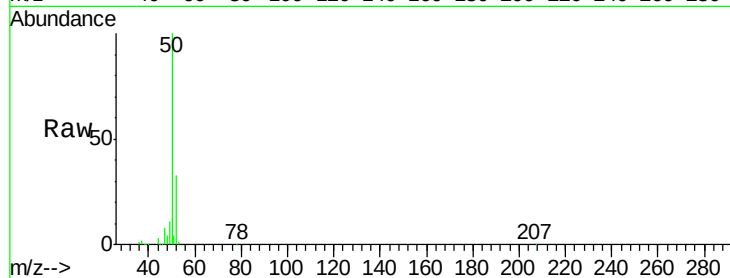
50 100

52 33.1 26.2 39.2

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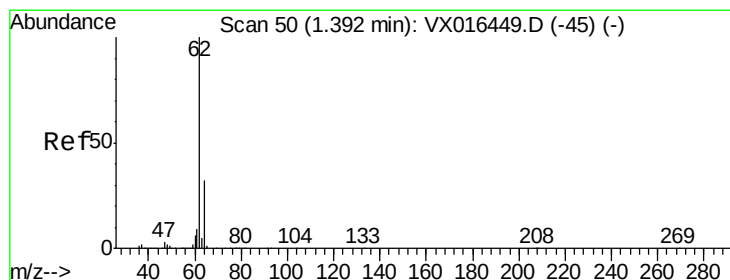
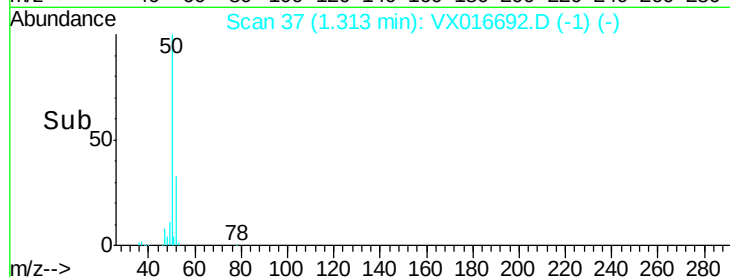
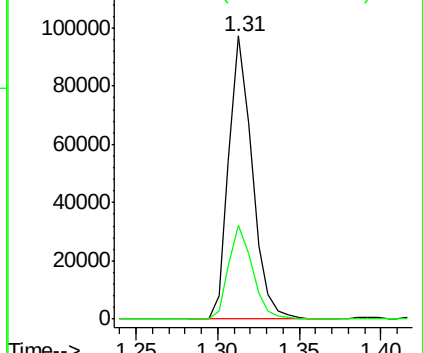
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 40.680 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016692.D

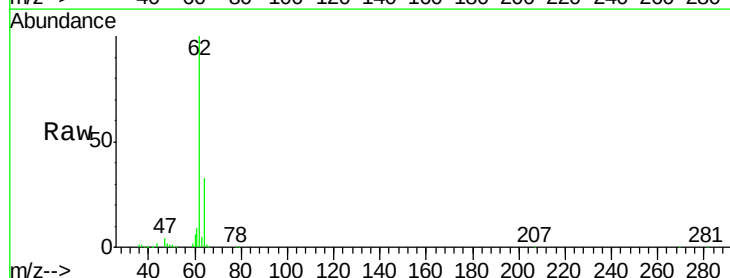
Acq: 11 Jun 2020 10:18

Tgt Ion: 62 Resp: 108865

Ion Ratio Lower Upper

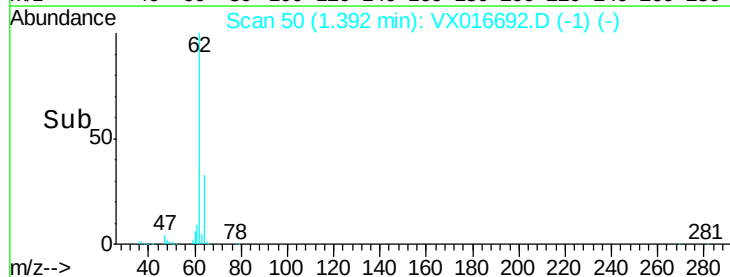
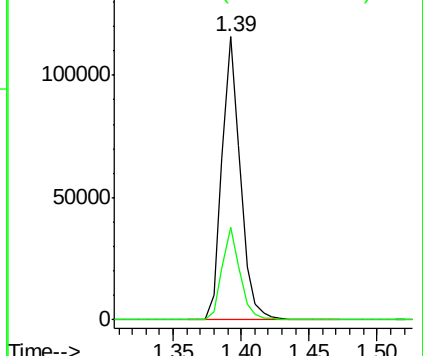
62 100

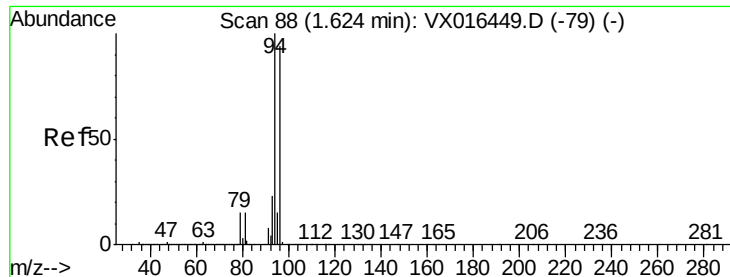
64 32.9 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.892 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 63618

Ion Ratio Lower Upper

94 100

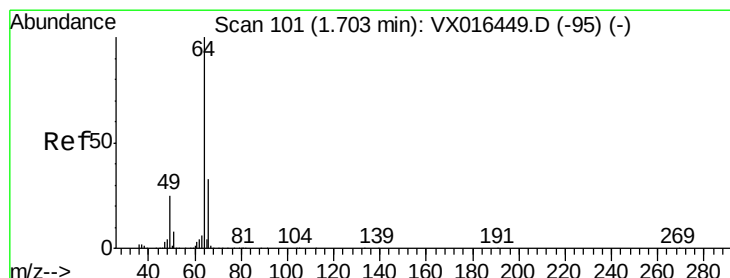
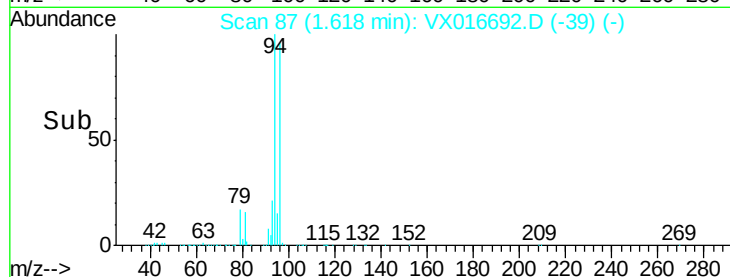
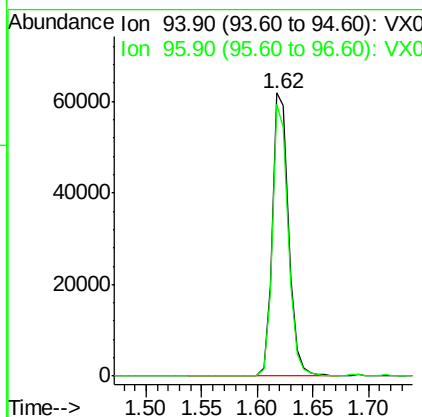
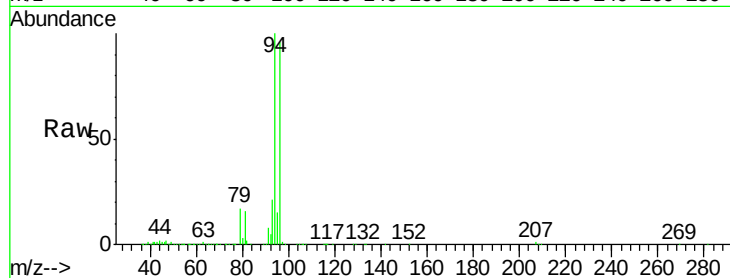
96 95.9 75.1 112.7

Manual Integrations

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#6

Chloroethane

Concen: 46.150 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX016692.D

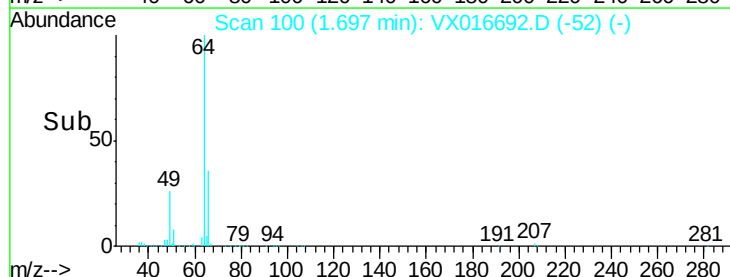
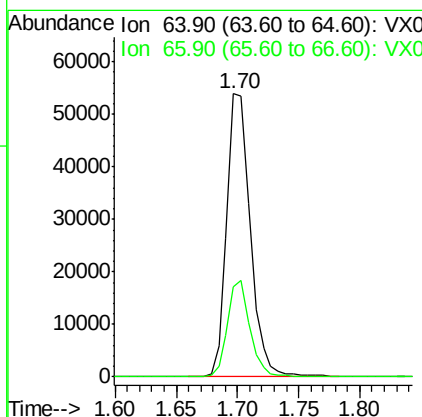
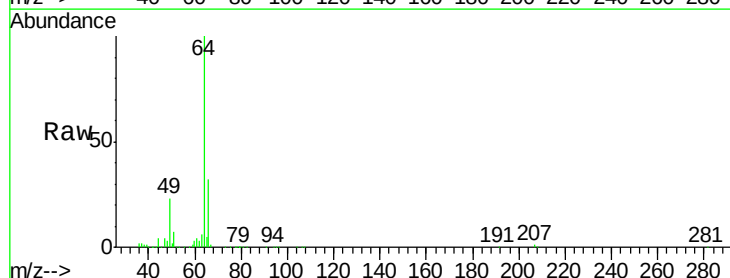
Acq: 11 Jun 2020 10:18

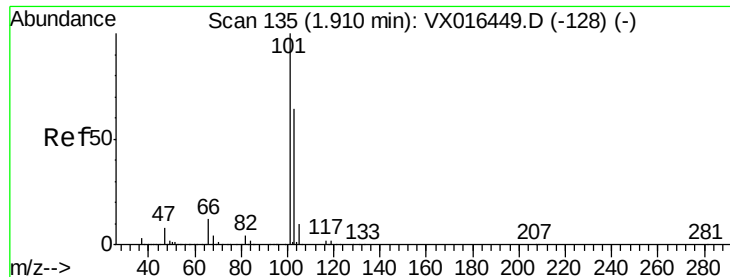
Tgt Ion: 64 Resp: 72044

Ion Ratio Lower Upper

64 100

66 31.8 26.7 40.1





#7

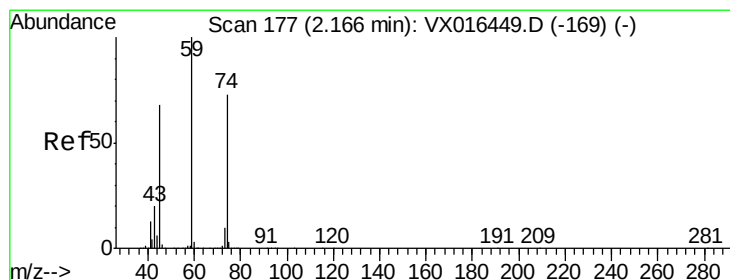
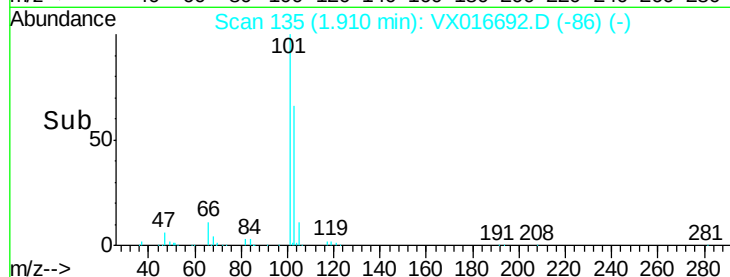
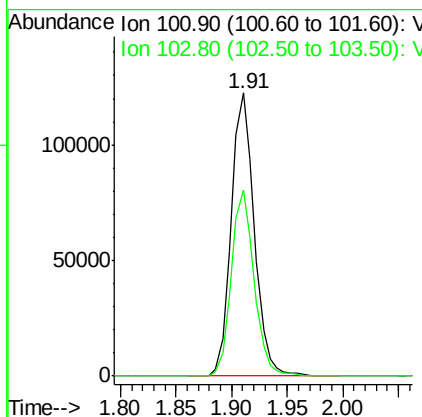
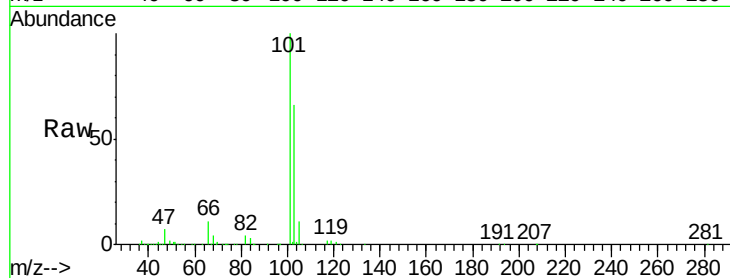
Trichlorofluoromethane
Concen: 49.967 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	50.9	76.3

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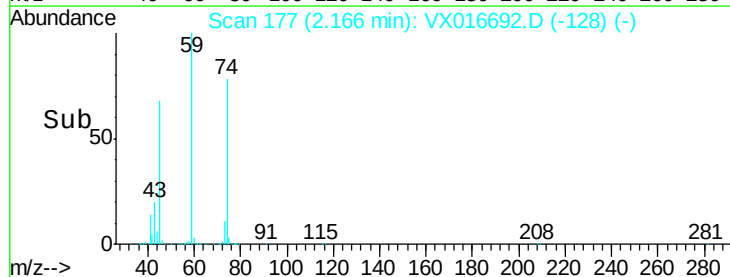
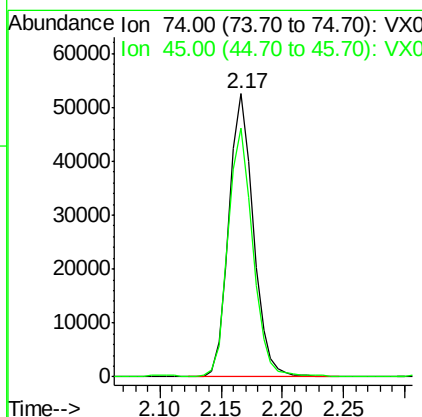
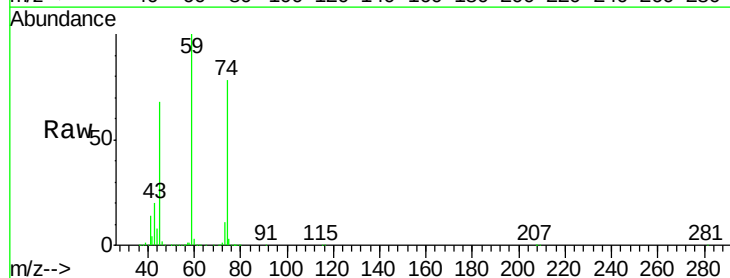
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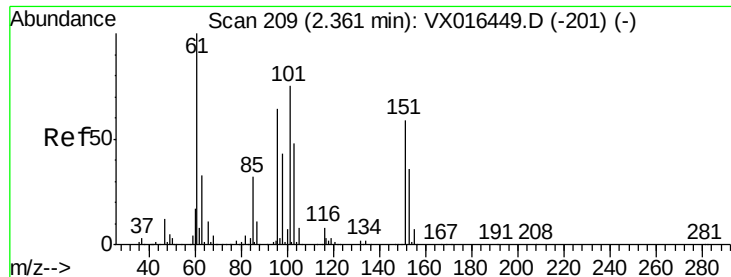


#8

Diethyl Ether
Concen: 49.582 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.1	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.755 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Instrument :

MSVOA_X

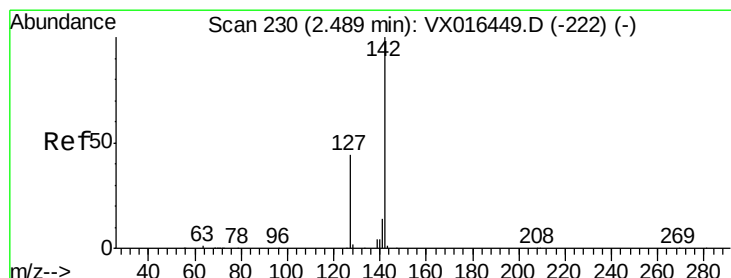
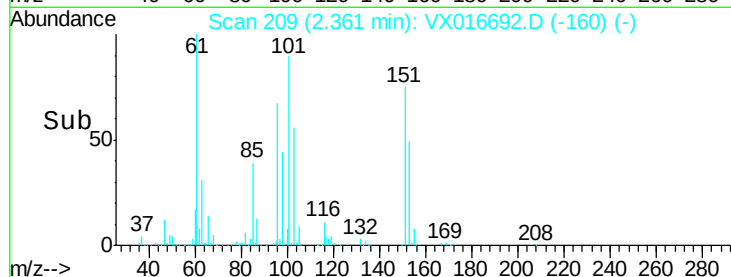
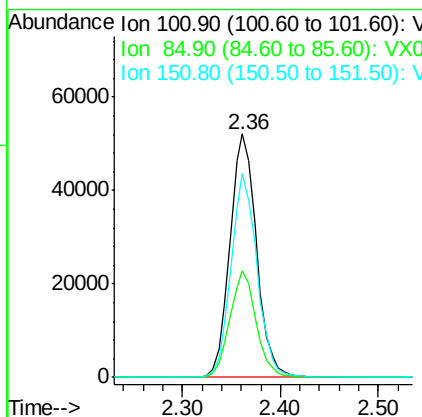
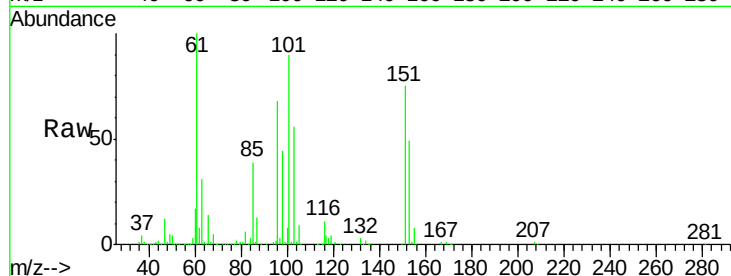
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	98176
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.4	51.6
151	82.2	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 47.416 ug/l

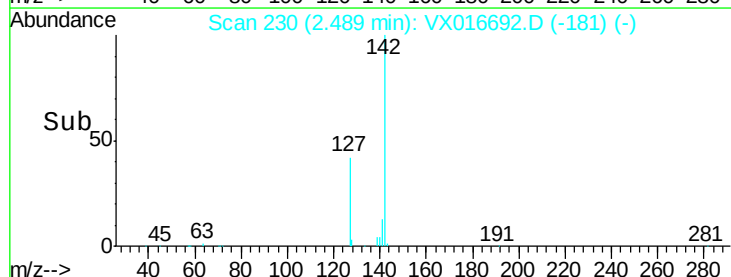
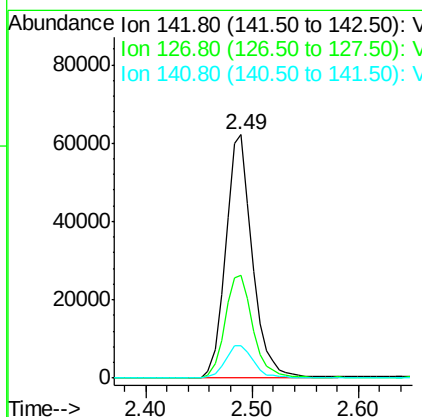
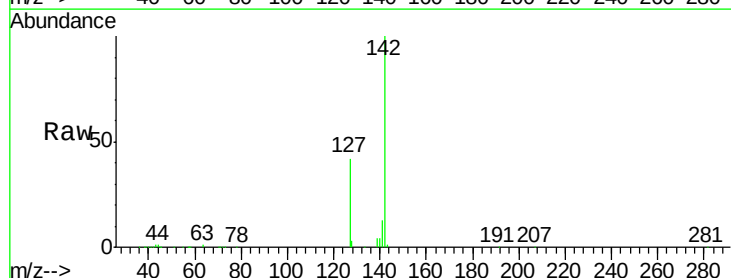
RT: 2.49 min Scan# 230

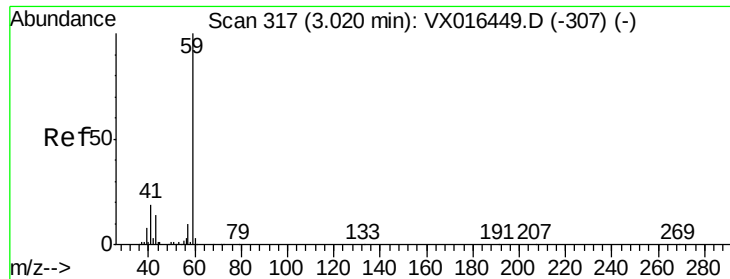
Delta R.T. 0.00 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Tgt Ion:	142	Resp:	109189
Ion Ratio	Lower	Upper	
142	100		
127	44.3	35.3	52.9
141	14.3	11.4	17.2





#11

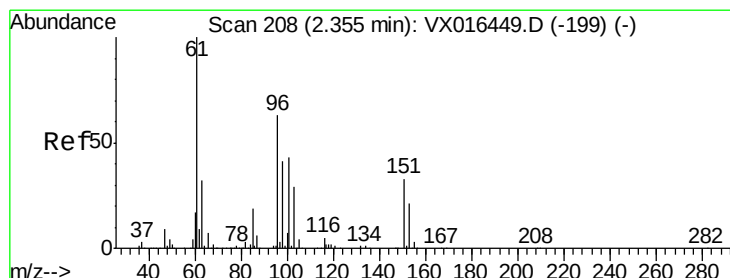
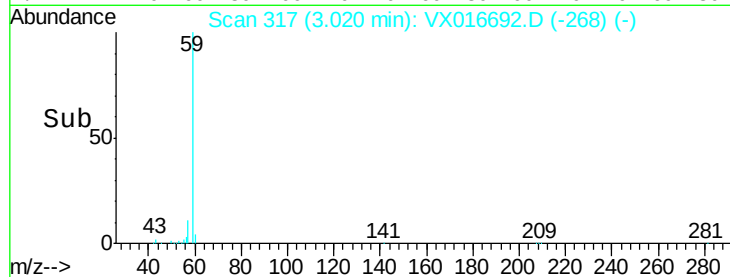
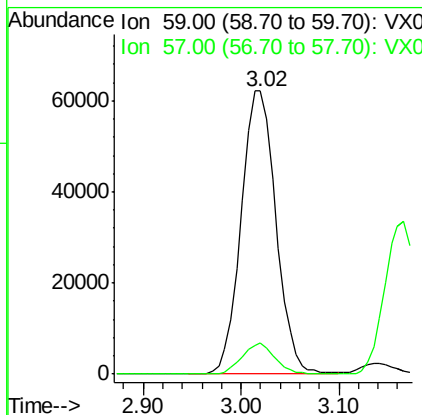
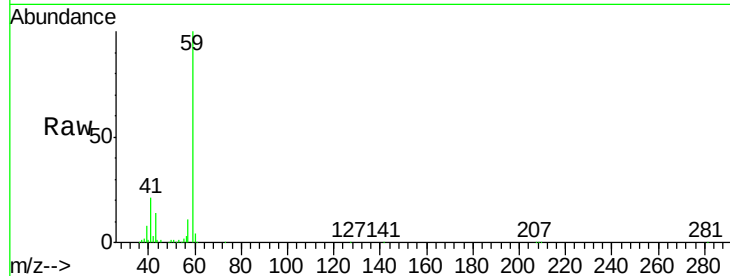
Tert butyl alcohol
Concen: 227.018 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

Manual Integrations
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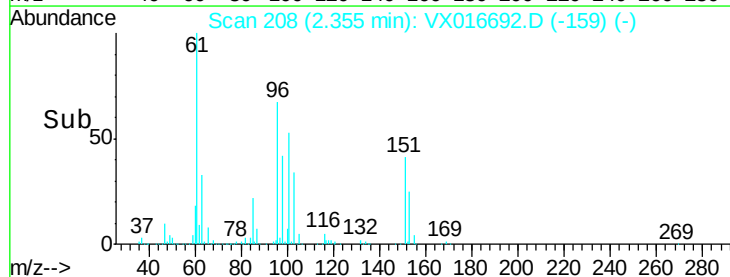
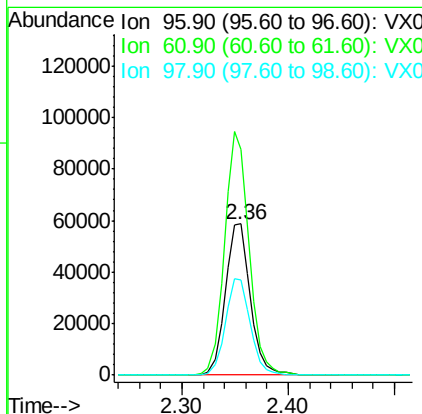
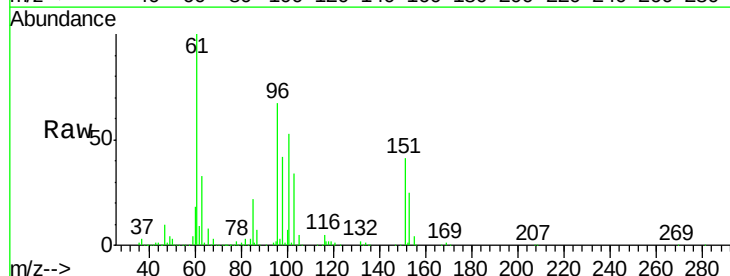
MMDadoda
6/12/2020 5:45:27 PM

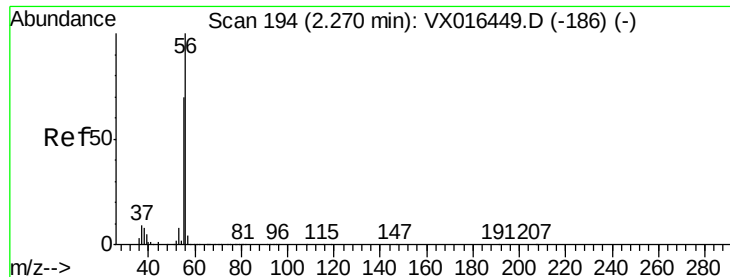


#12

1,1-Dichloroethene
Concen: 47.129 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.4	126.6	189.8
98	63.3	51.3	76.9





#13

Acrolein

Concen: 243.650 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 70233

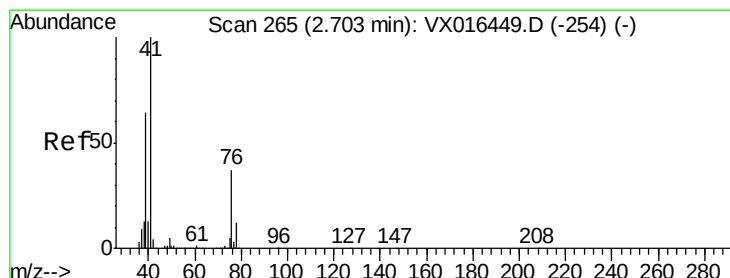
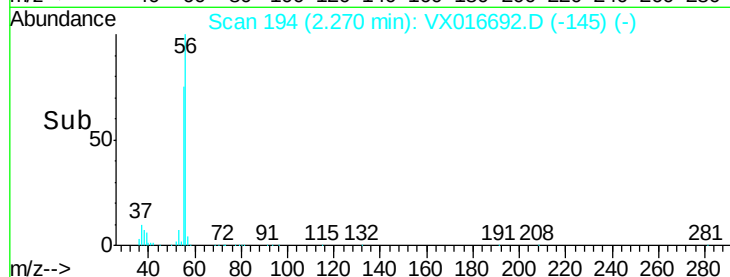
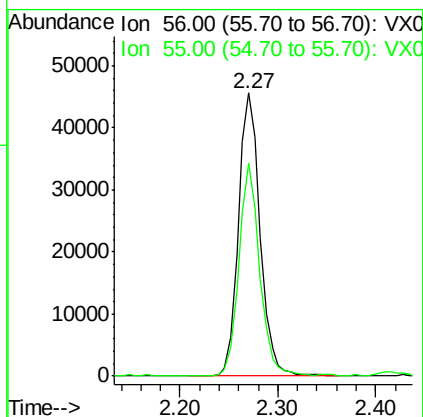
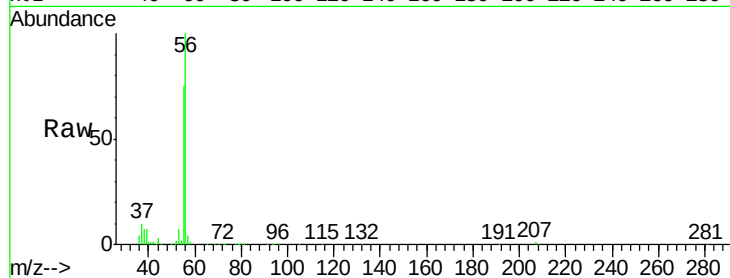
Ion Ratio Lower Upper

56 100

55 71.0 58.3 87.5

Manual Integrations
APPROVED

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#14

Allyl chloride

Concen: 42.335 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

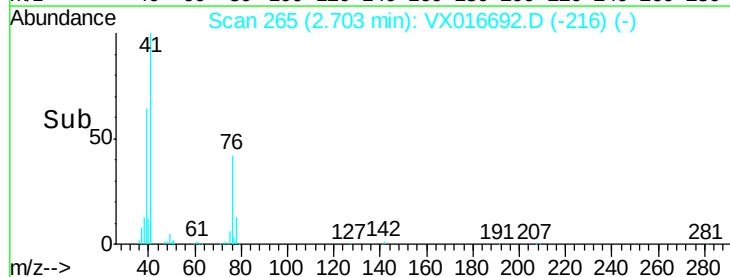
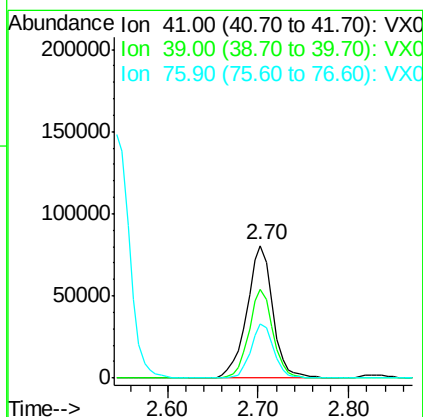
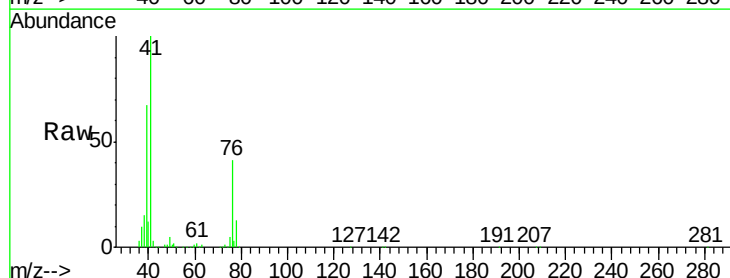
Tgt Ion: 41 Resp: 159408

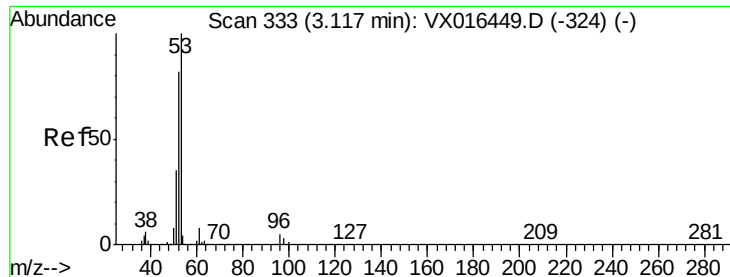
Ion Ratio Lower Upper

41 100

39 61.8 47.7 71.5

76 36.2 26.6 40.0





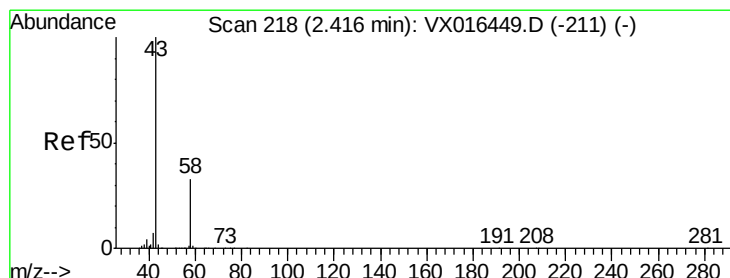
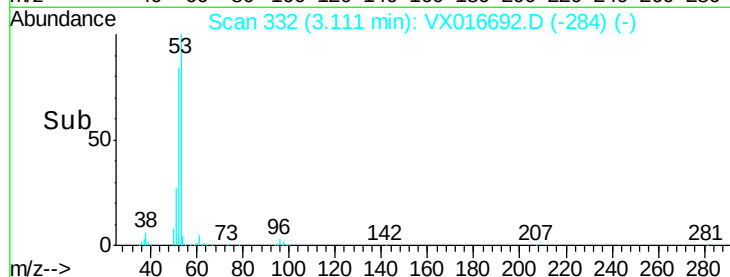
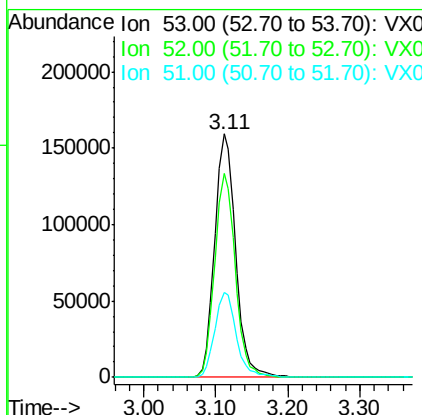
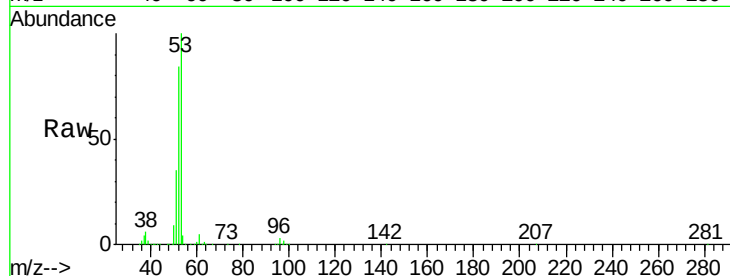
#15
 Acrylonitrile
 Concen: 232.393 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016692.D
 Acq: 11 Jun 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	322579
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.7	100.1
51	36.1	28.6	43.0

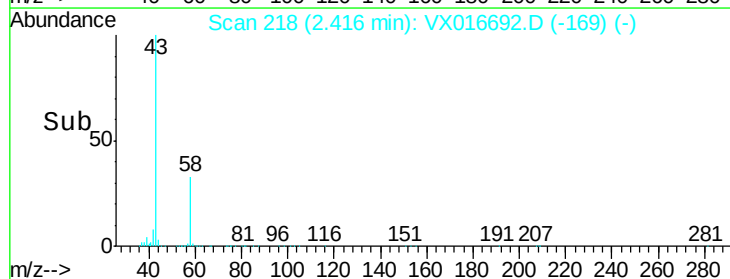
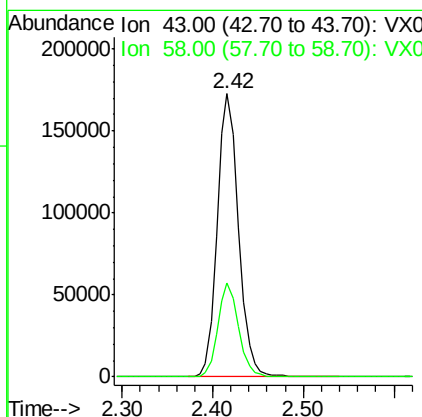
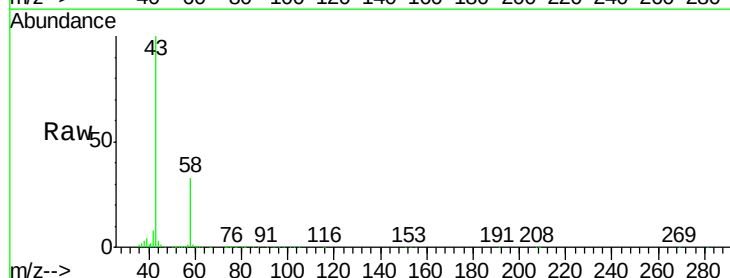
Manual Integrations
 APPROVED

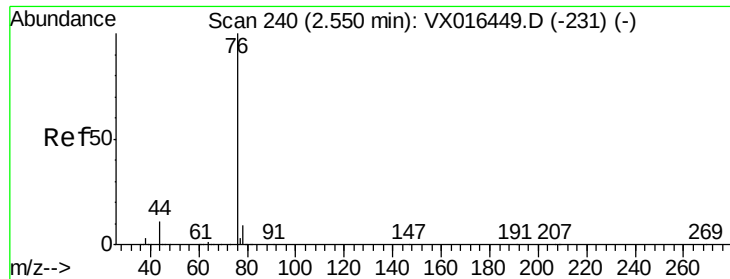
MMDadoda
 6/12/2020 5:45:27 PM



#16
 Acetone
 Concen: 244.782 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016692.D
 Acq: 11 Jun 2020 10:18

Tgt Ion:	43	Resp:	283397
Ion	Ratio	Lower	Upper
43	100		
58	33.2	26.1	39.1





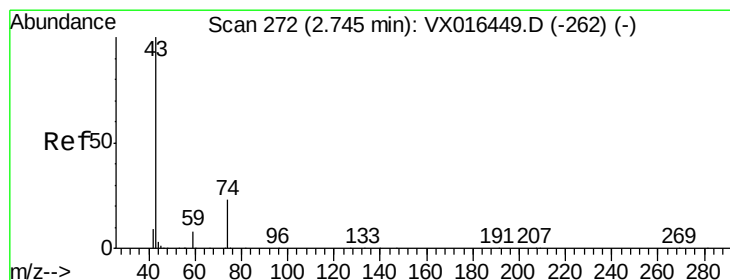
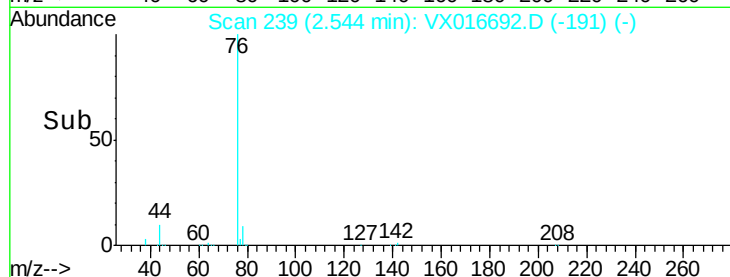
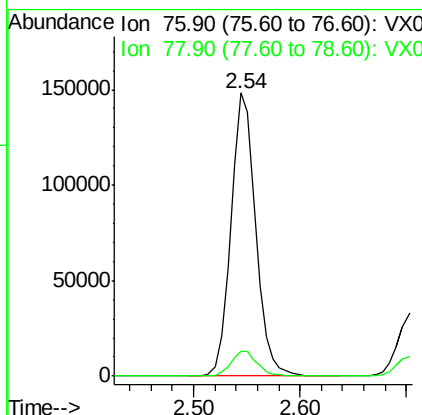
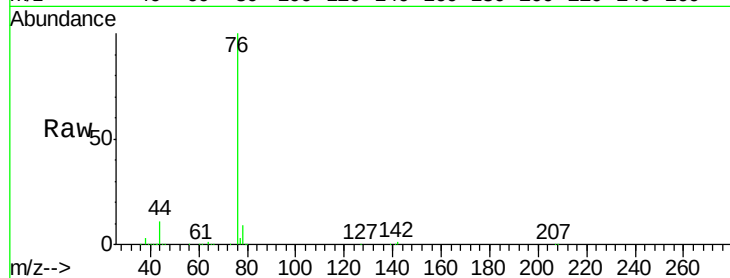
#17
Carbon Disulfide
Concen: 39.779 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
76	100	241863		
78	8.9		7.4	11.0

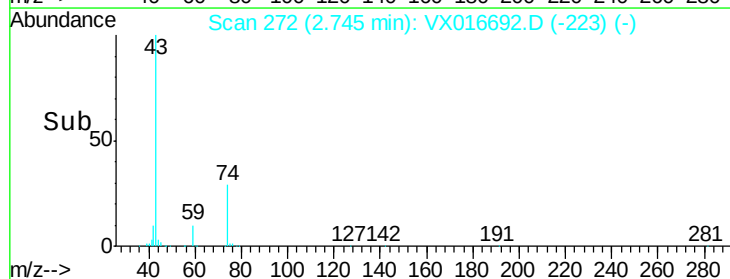
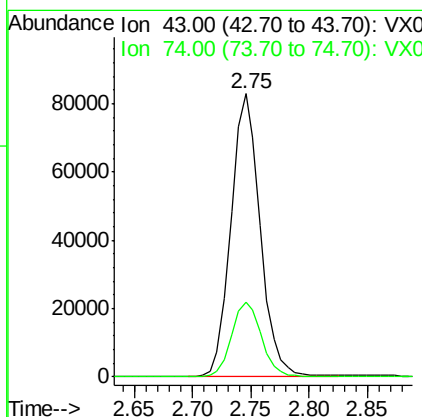
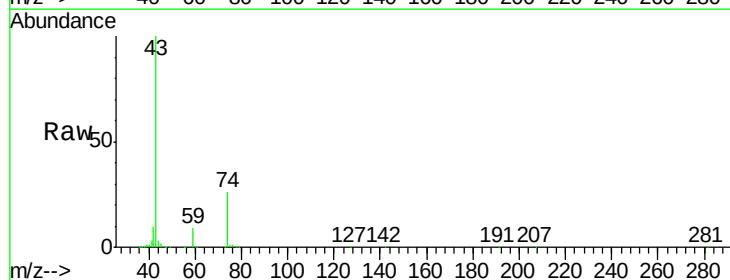
Manual Integrations
APPROVED

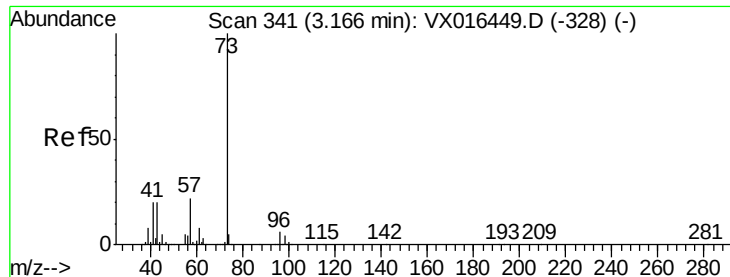
MMDadoda
6/12/2020 5:45:27 PM



#18
Methyl Acetate
Concen: 48.782 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	144853		
74	27.2		19.7	29.5





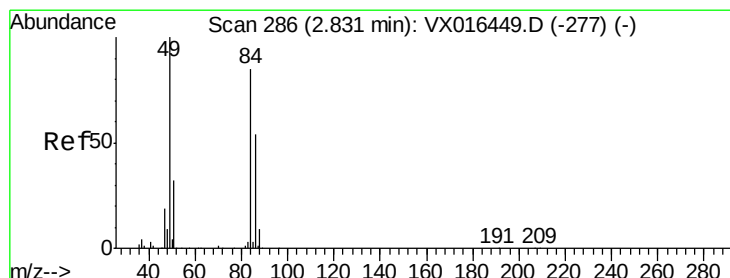
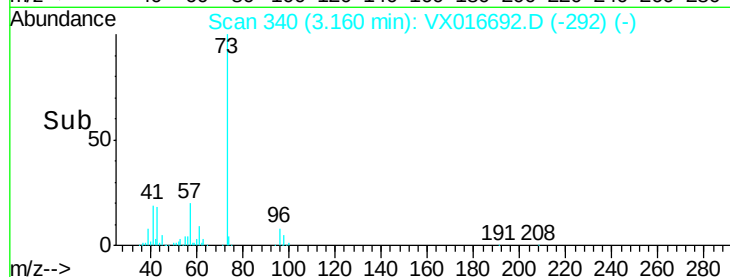
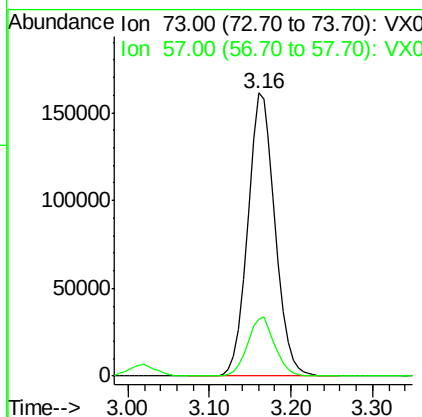
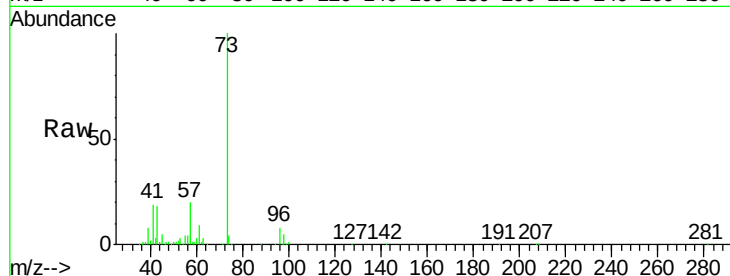
#19
Methyl tert-butyl Ether
Concen: 50.991 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.1	17.8	26.6

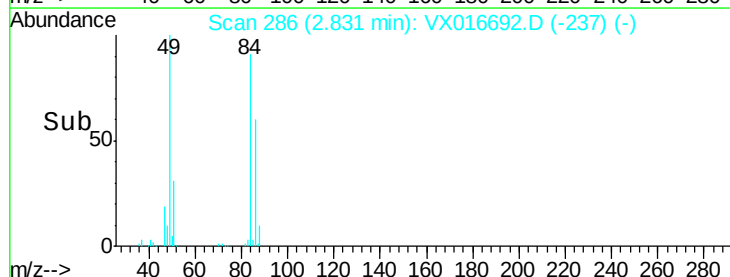
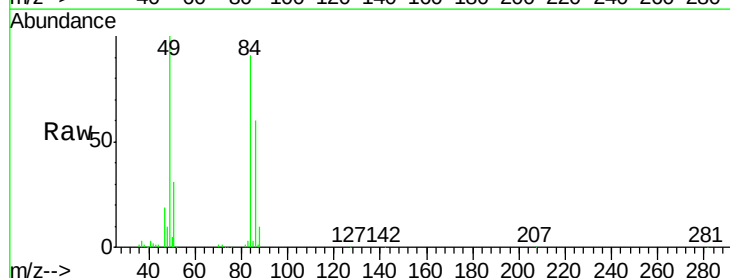
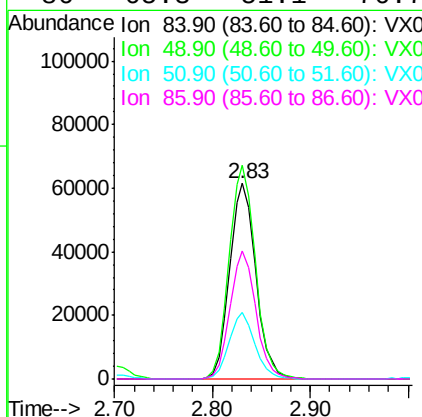
Manual Integrations
APPROVED

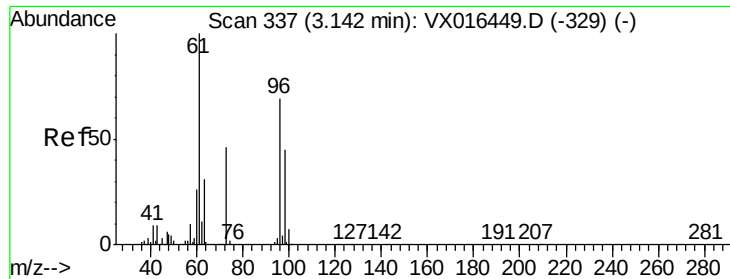
MMDadoda
6/12/2020 5:45:27 PM



#20
Methylene Chloride
Concen: 47.655 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.4	94.5	141.7
51	33.8	30.2	45.4
86	65.3	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 46.088 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Instrument :

MSVOA_X

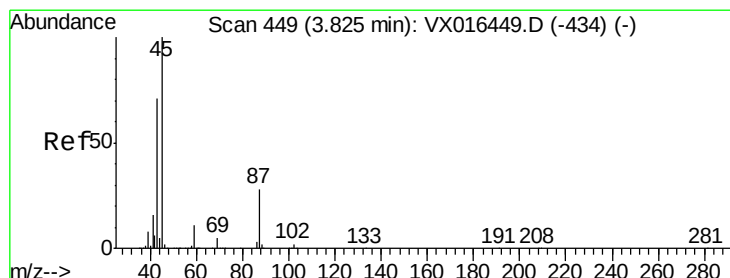
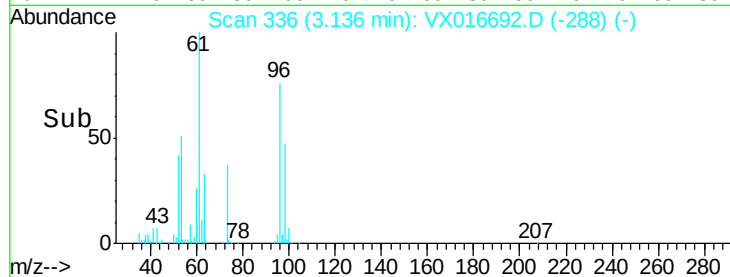
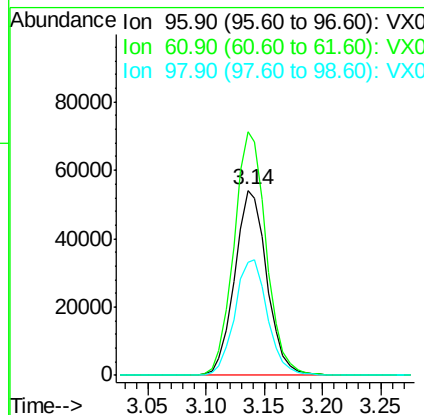
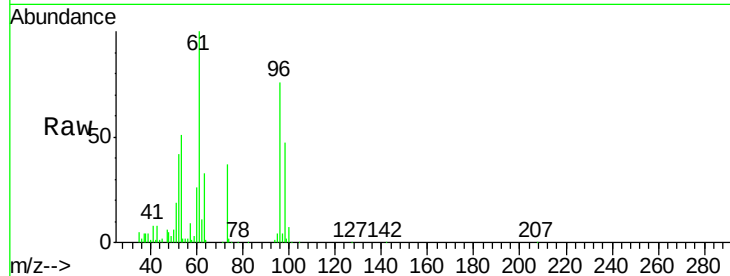
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	104377
Ion Ratio	Lower	Upper	
96	100		
61	131.4	115.3	172.9
98	61.3	51.9	77.9

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:45:27 PM



#22

Diisopropyl ether

Concen: 44.317 ug/l

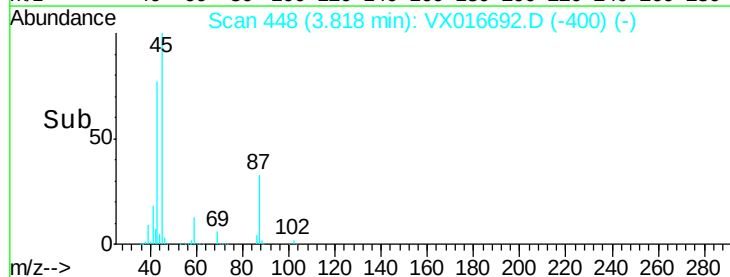
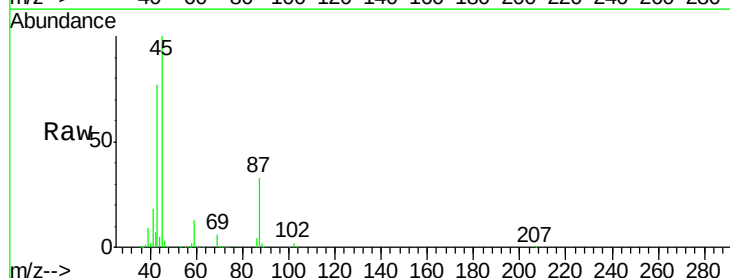
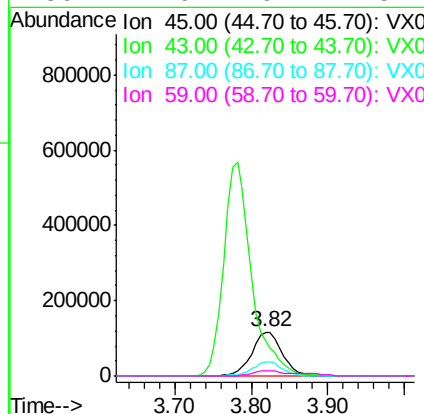
RT: 3.82 min Scan# 448

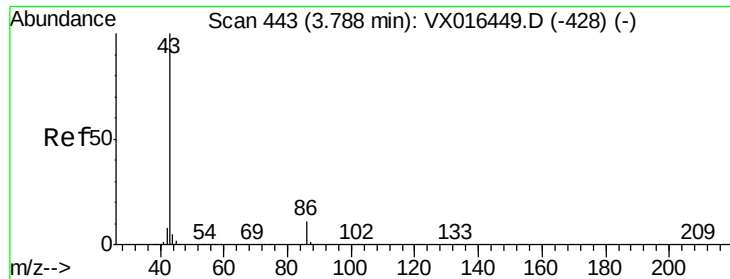
Delta R.T. -0.01 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Tgt Ion:	45	Resp:	320567
Ion Ratio	Lower	Upper	
45	100		
43	76.9	57.0	85.6
87	32.5	22.5	33.7
59	12.6	9.1	13.7





#23

Vinyl Acetate

Concen: 227.247 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1438810

Ion Ratio Lower Upper

43 100

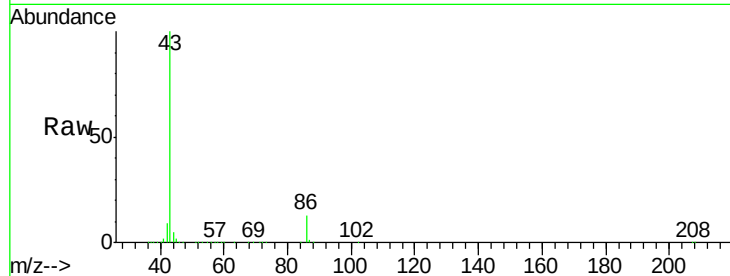
86 12.6 8.6 13.0

Manual Integrations

APPROVED

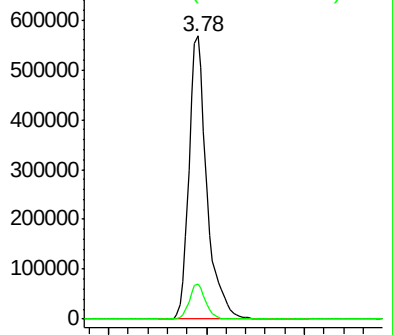
MMDadoda

6/12/2020 5:45:27 PM

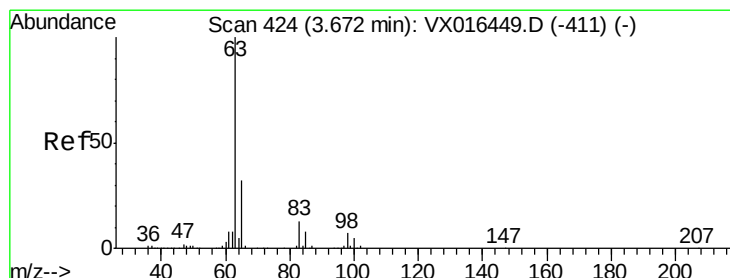
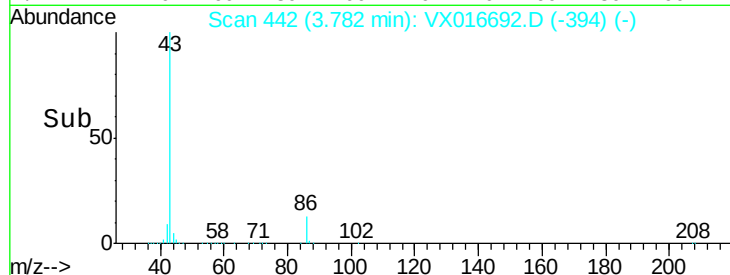


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 46.012 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

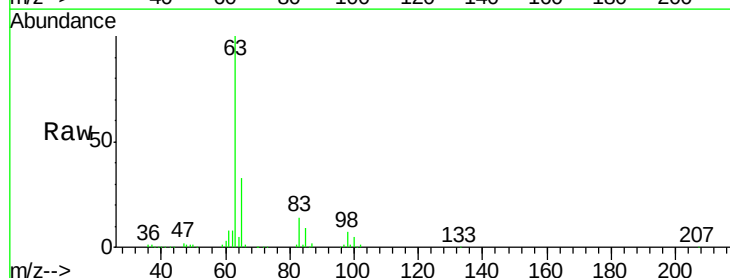
Tgt Ion: 63 Resp: 187853

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

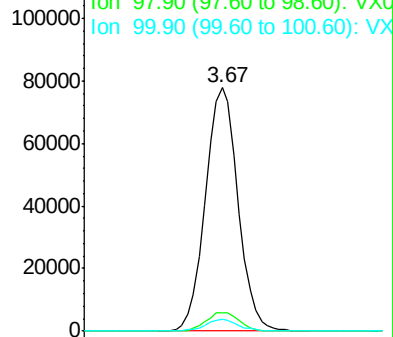
100 5.0 2.4 7.1



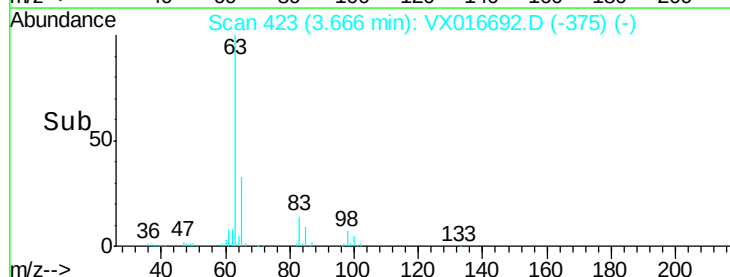
Abundance Ion 62.90 (62.60 to 63.60): VX0

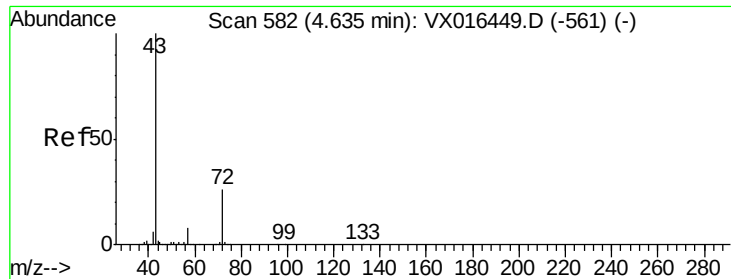
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 216.431 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 424587

Ion Ratio Lower Upper

43 100

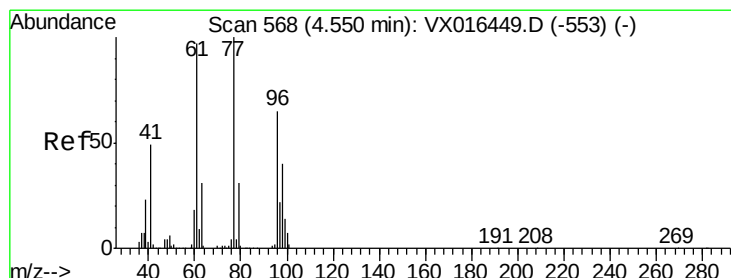
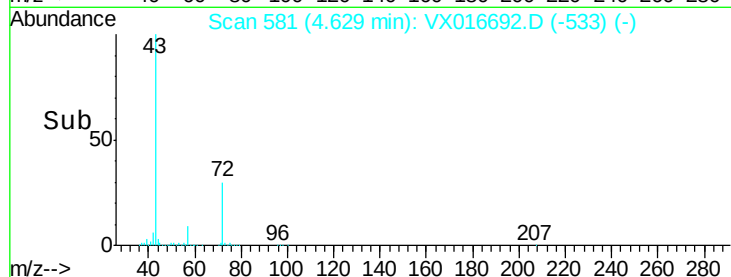
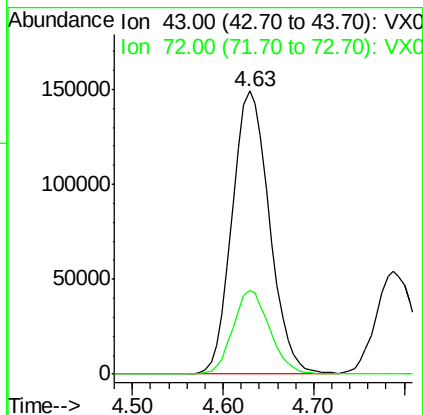
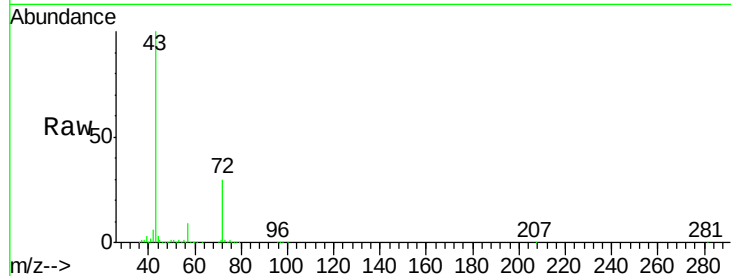
72 29.5 21.0 31.6

Manual Integrations

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MMDadoda

6/12/2020 5:45:27 PM



#26

2,2-Dichloropropane

Concen: 53.396 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016692.D

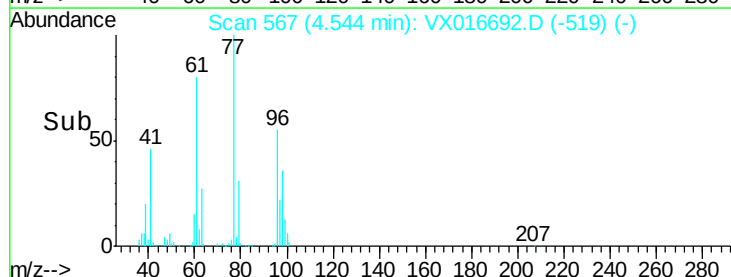
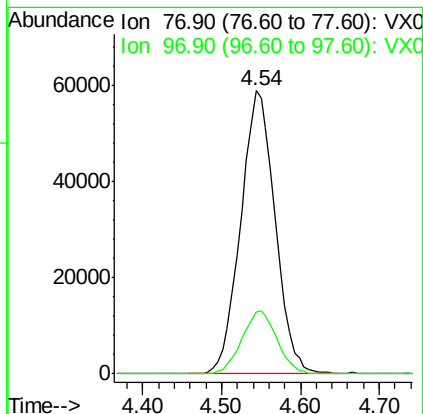
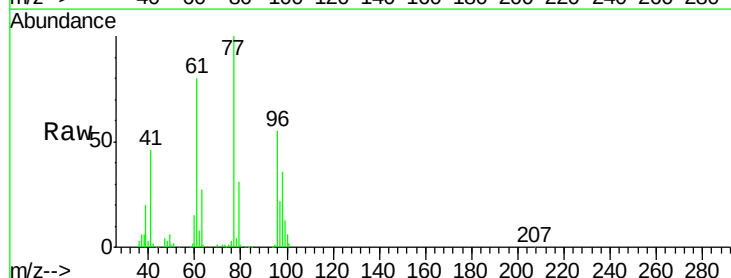
Acq: 11 Jun 2020 10:18

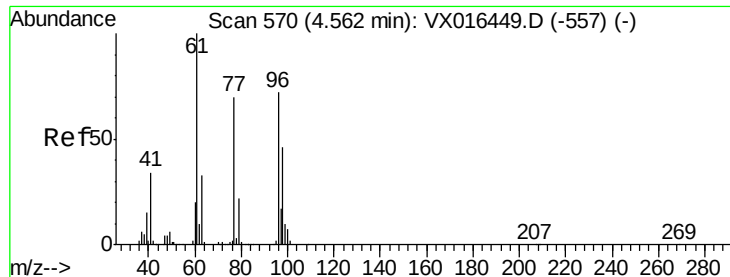
Tgt Ion: 77 Resp: 178384

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.4





#27

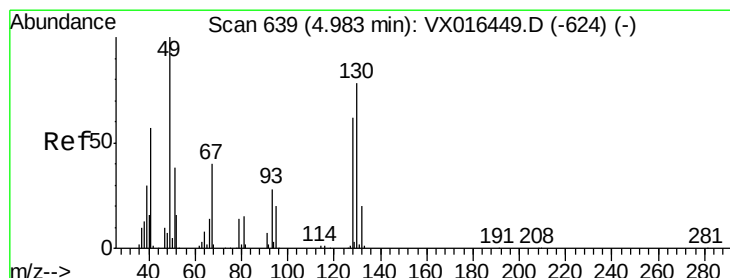
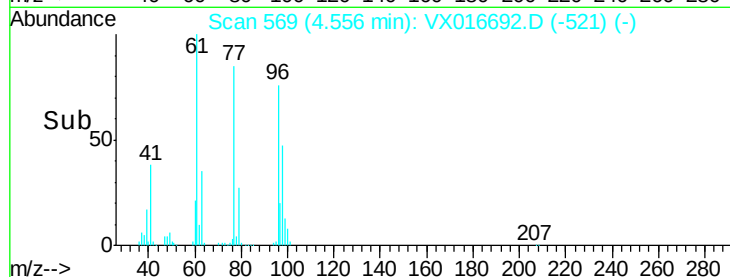
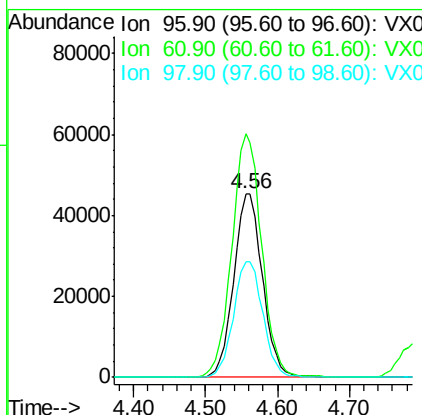
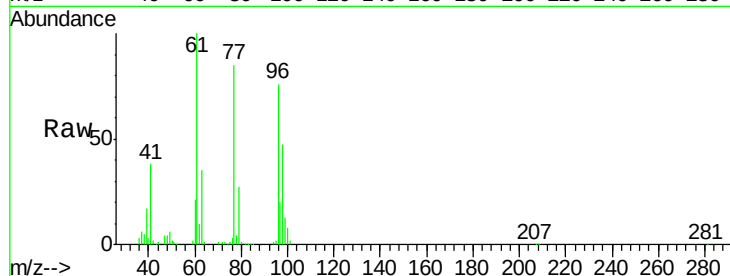
cis-1,2-Dichloroethene
 Concen: 47.911 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX016692.D
 Acq: 11 Jun 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	125527		
61	137.6	0.0	284.6	
98	64.5	0.0	127.2	

Manual Integrations
 APPROVED

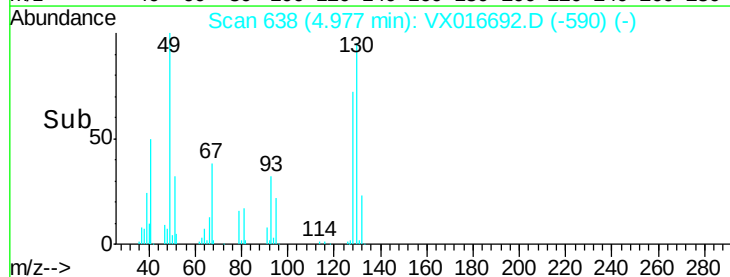
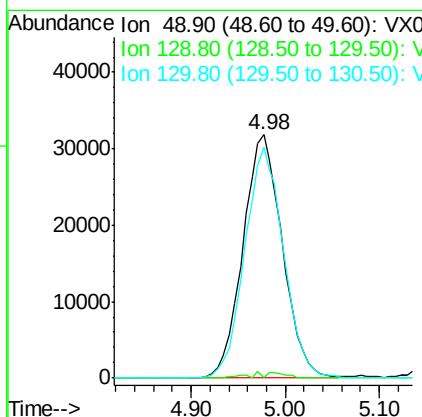
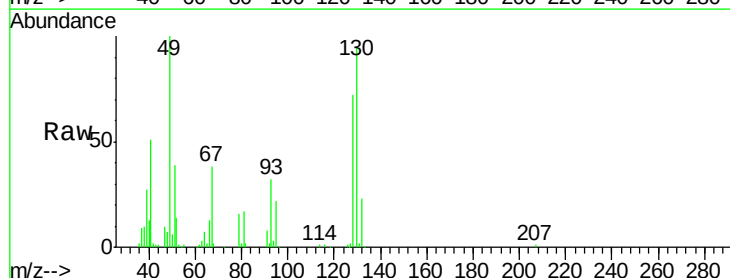
MMDadoda
 6/12/2020 5:45:27 PM

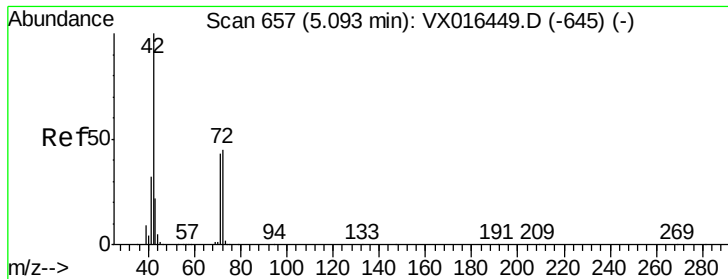


#28

Bromochloromethane
 Concen: 49.214 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016692.D
 Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	93369		
129	1.2	0.0	4.0	
130	93.5	63.0	94.4	





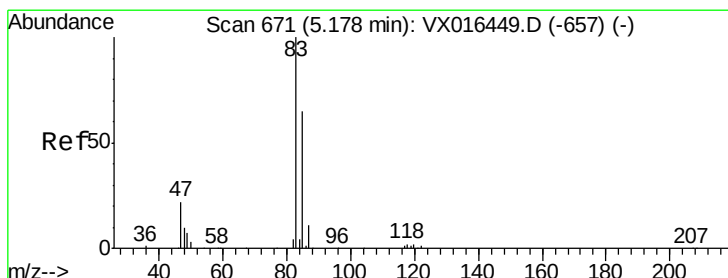
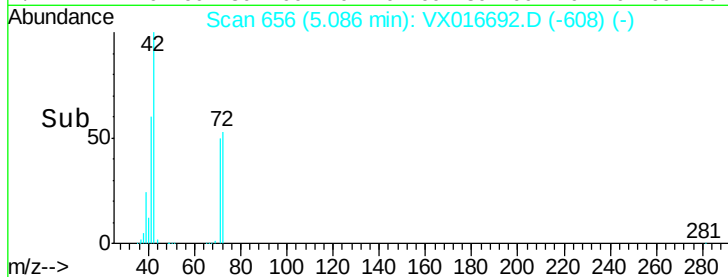
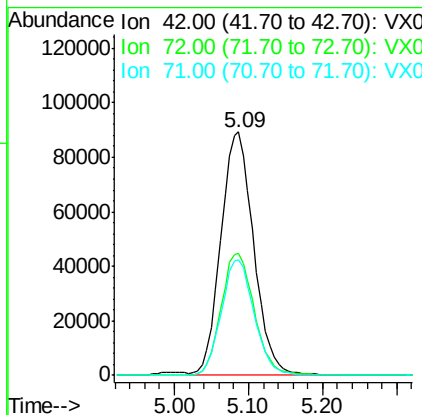
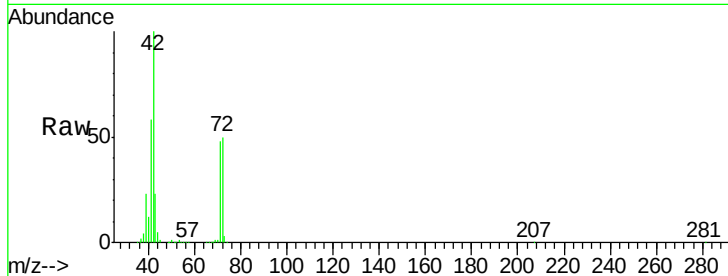
#29
Tetrahydrofuran
Concen: 215.544 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.2	37.0	55.4
71	47.6	34.1	51.1

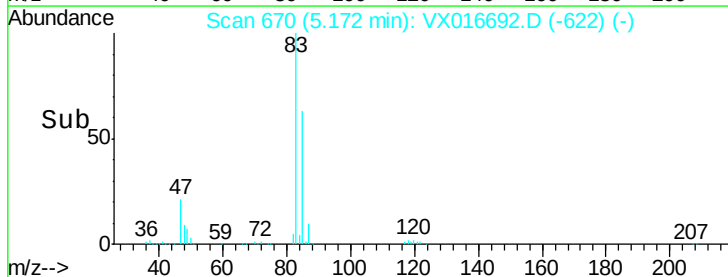
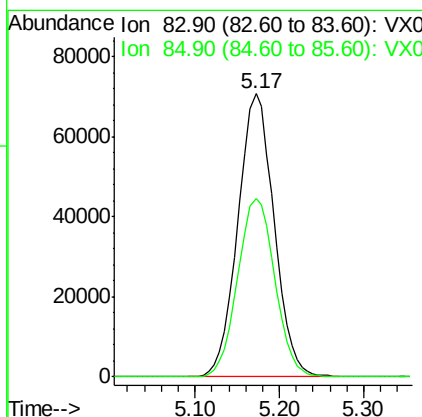
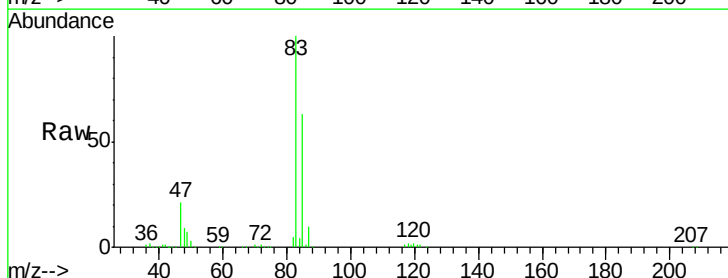
Manual Integrations
APPROVED

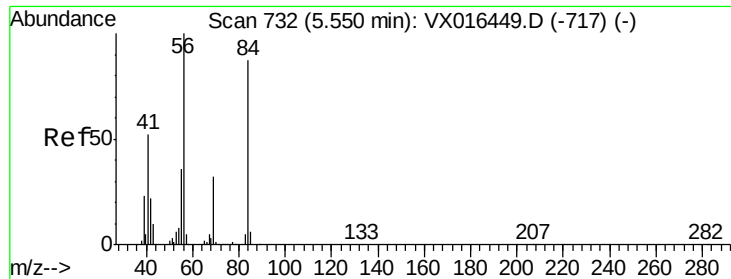
MMDadoda
6/12/2020 5:45:27 PM



#30
Chloroform
Concen: 50.055 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.0	78.0





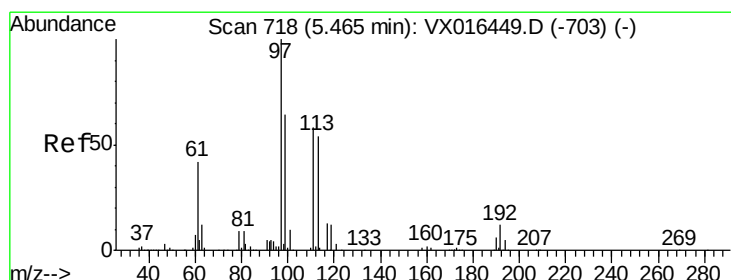
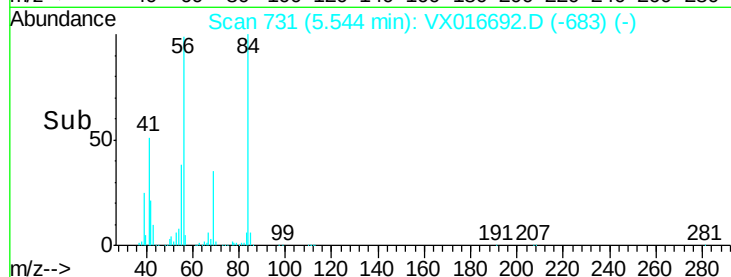
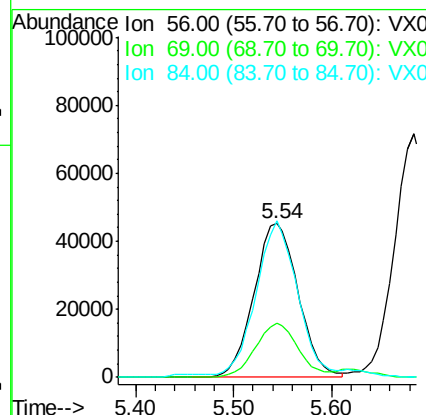
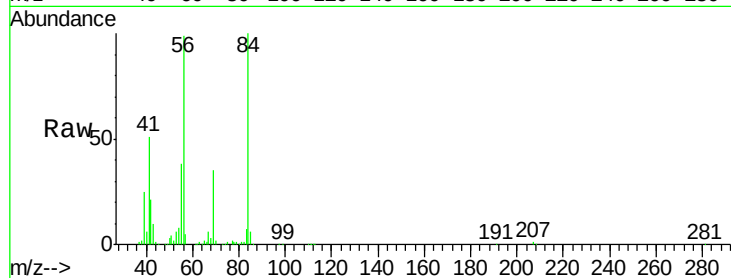
#31
Cyclohexane
Concen: 38.740 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.2	25.7	38.5
84	99.7	70.0	105.0

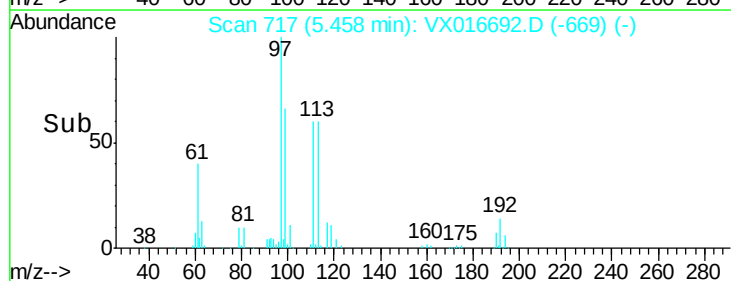
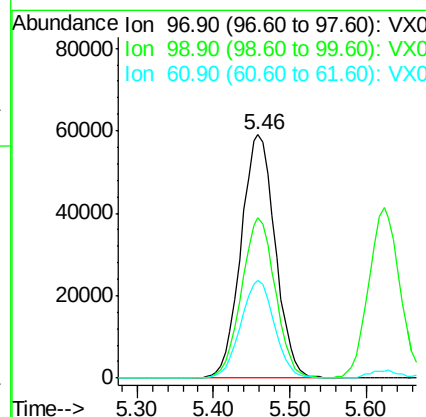
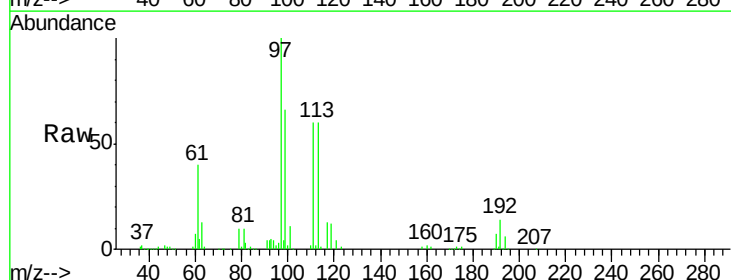
Manual Integrations
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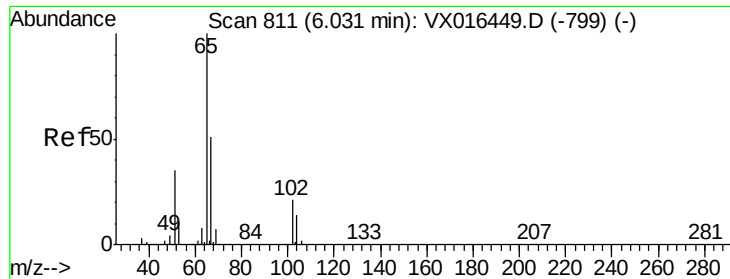
MMDadoda
6/12/2020 5:45:27 PM



#32
1,1,1-Trichloroethane
Concen: 49.188 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.4	77.2
61	39.6	33.5	50.3





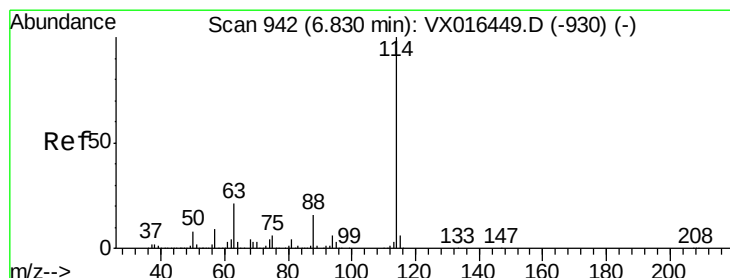
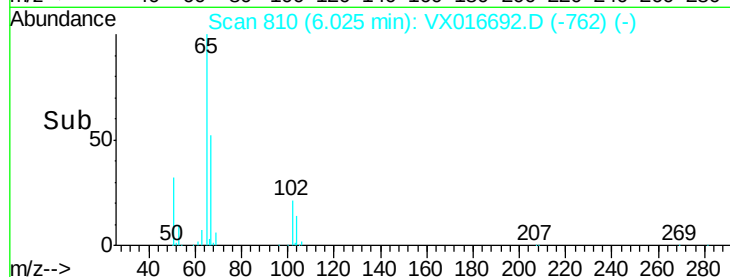
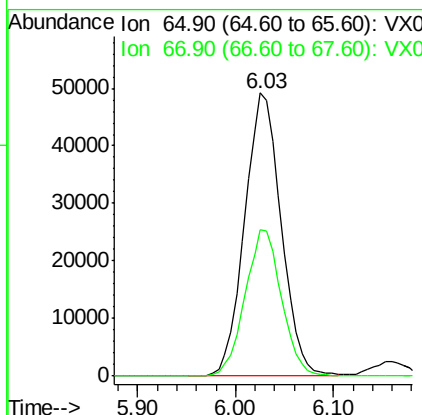
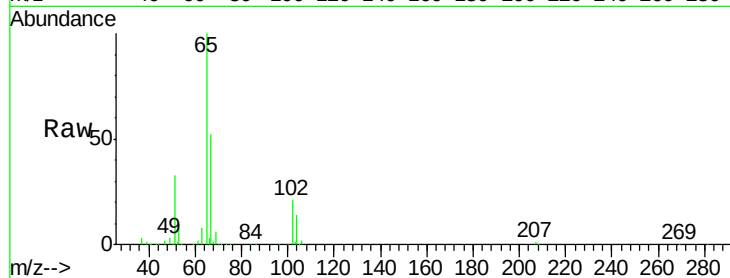
#33
 1,2-Dichloroethane-d4
 Concen: 48.183 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016692.D
 Acq: 11 Jun 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.8

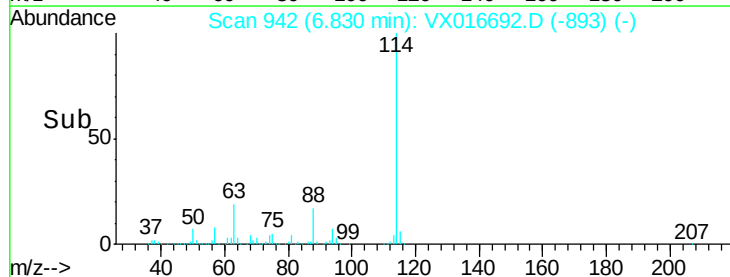
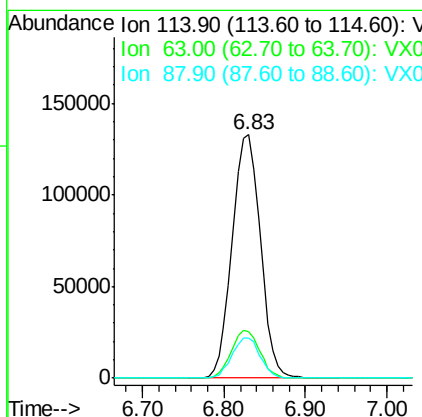
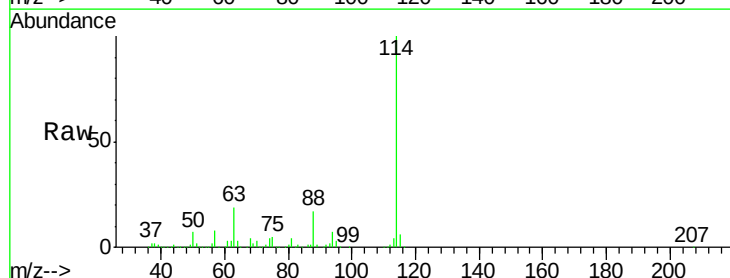
Manual Integrations
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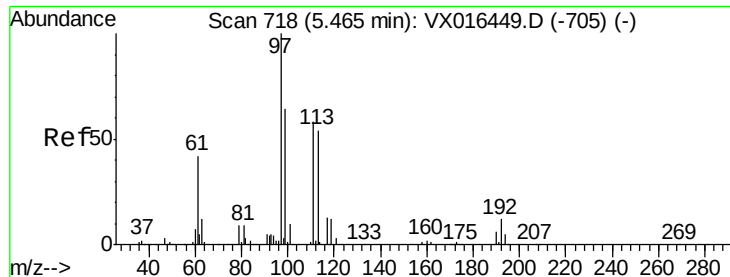
MMDadoda
 6/12/2020 5:45:27 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016692.D
 Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	42.6
88	16.5	0.0	32.8





#35

Dibromofluoromethane

Concen: 52.431 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Instrument :

MSVOA_X

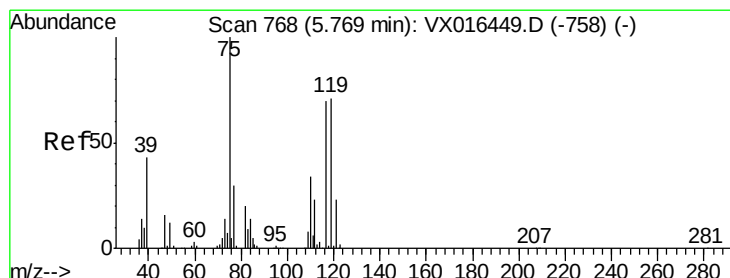
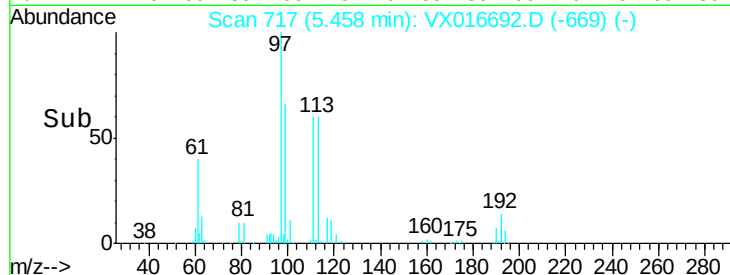
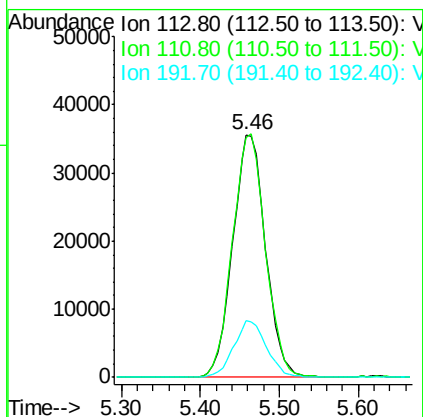
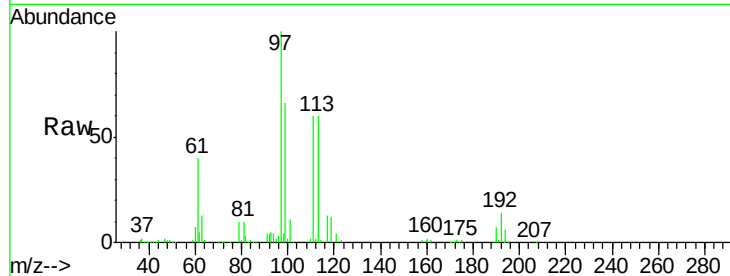
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	102833
Ion Ratio	Lower	Upper	
113	100		
111	100.6	83.0	124.6
192	23.2	17.7	26.5

Manual Integrations
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6/12/2020 5:45:27 PM



#36

1,1-Dichloropropene

Concen: 46.566 ug/l

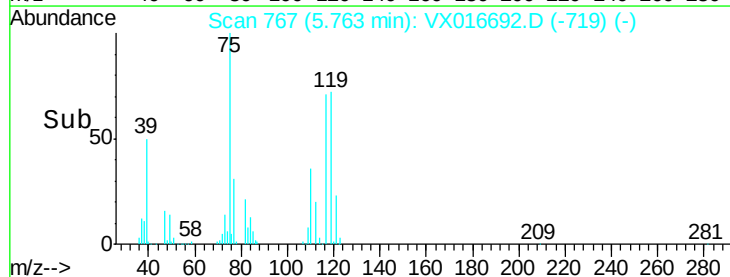
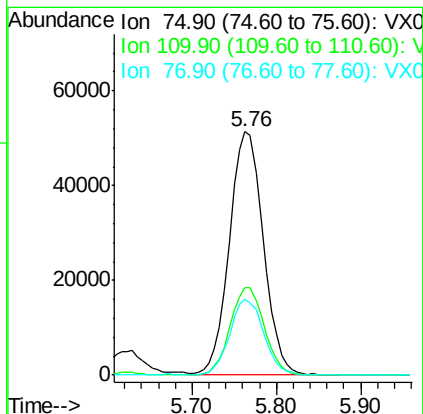
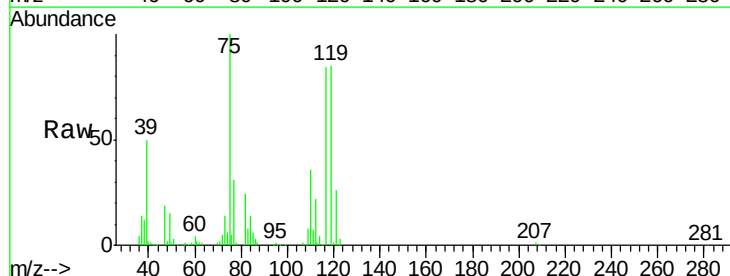
RT: 5.76 min Scan# 767

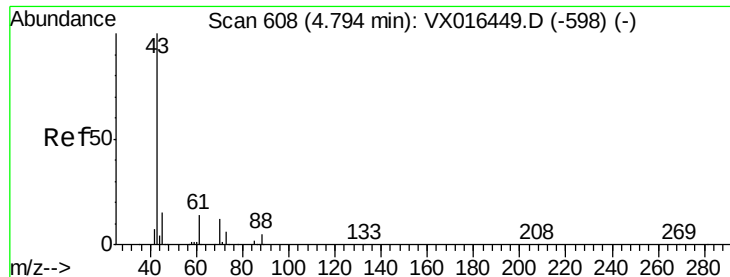
Delta R.T. -0.01 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Tgt Ion:	75	Resp:	140437
Ion Ratio	Lower	Upper	
75	100		
110	36.2	17.4	52.3
77	31.1	24.2	36.4





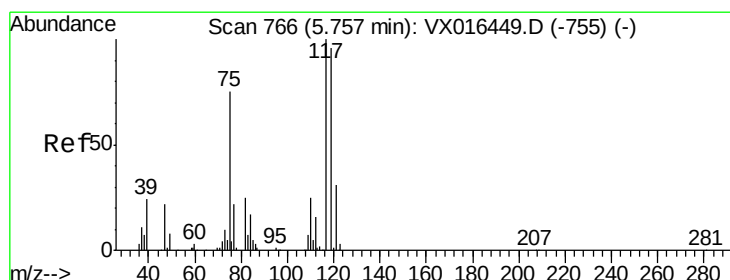
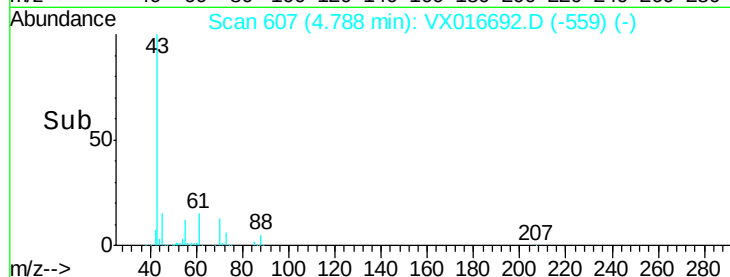
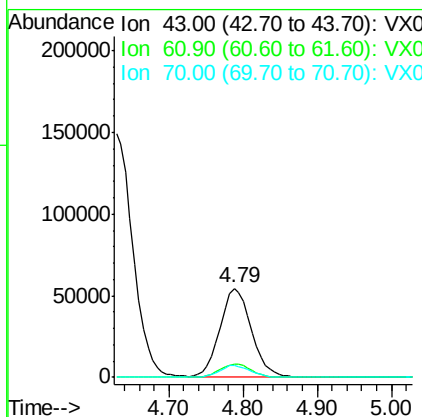
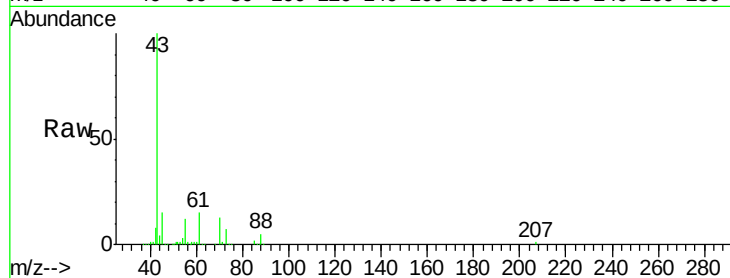
#37
Ethyl Acetate
Concen: 44.187 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.3	16.9
70	13.1	9.3	13.9

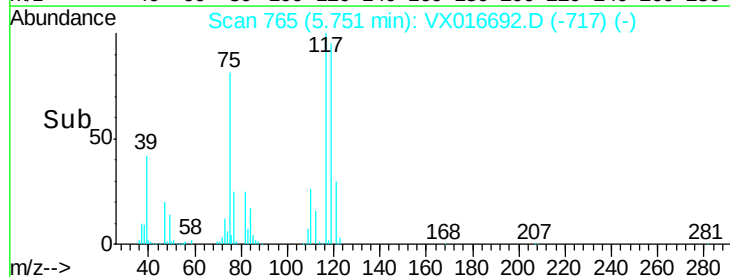
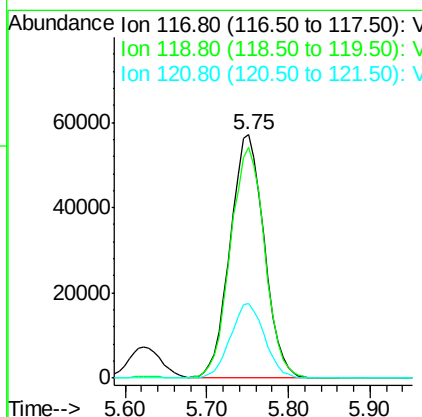
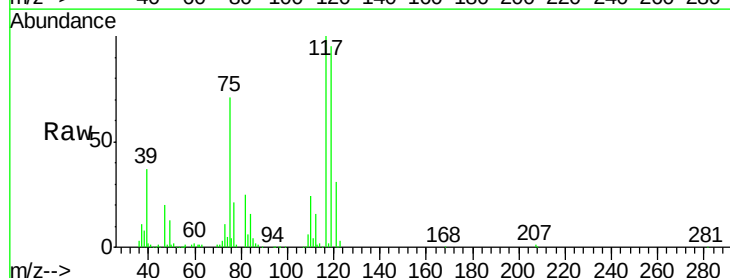
Manual Integrations
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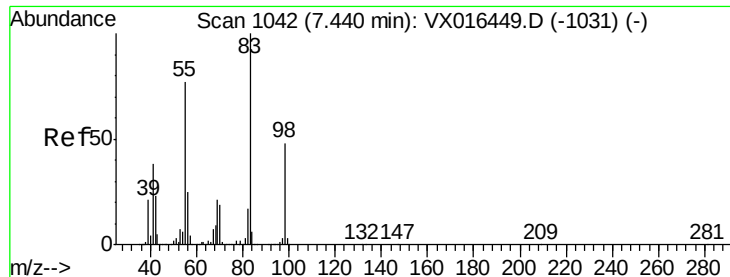
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#38
Carbon Tetrachloride
Concen: 52.039 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.3	114.5
121	30.7	24.6	37.0





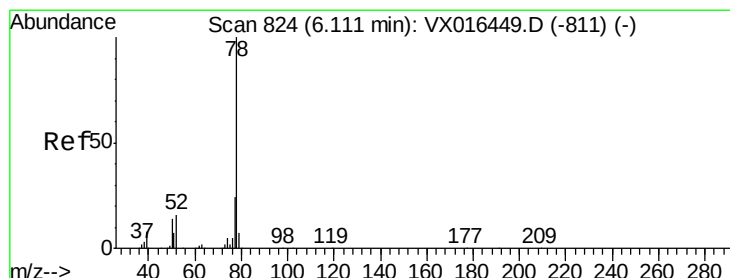
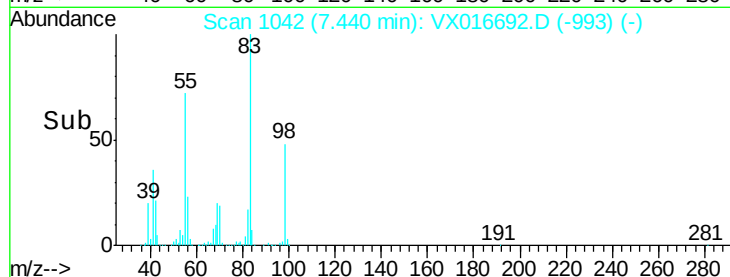
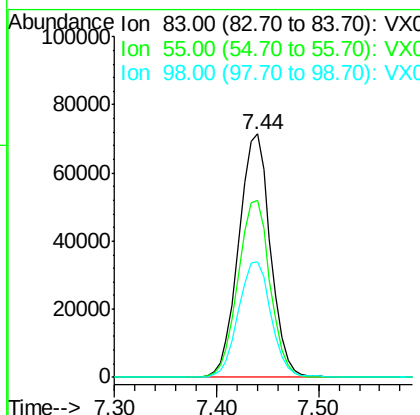
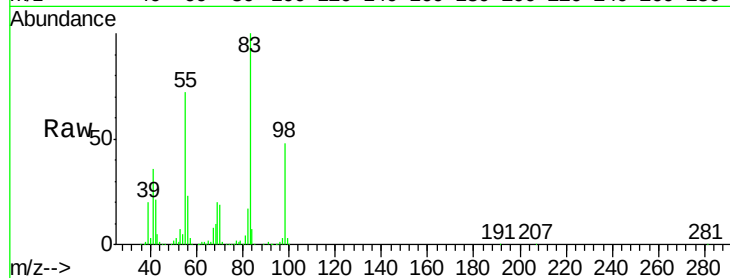
#39
Methylvlcyclohexane
Concen: 47.111 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	72.5	61.7	92.5	
98	47.6	38.7	58.1	

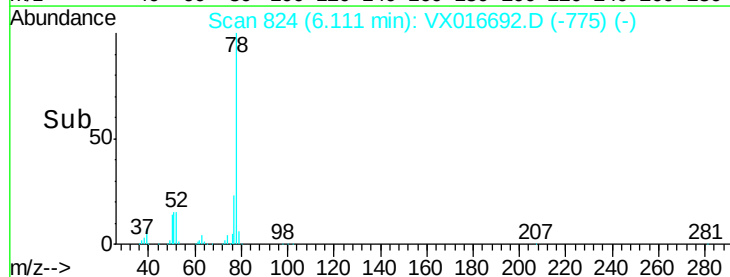
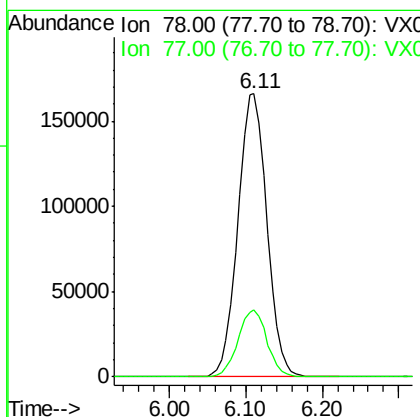
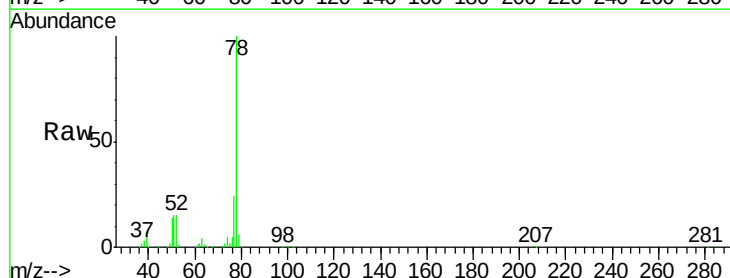
Manual Integrations
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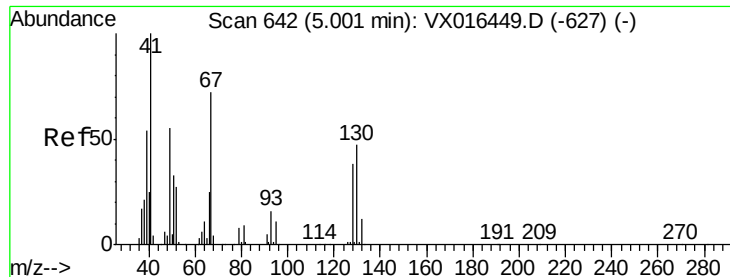
MMDadoda
6/12/2020 5:45:27 PM



#40
Benzene
Concen: 48.685 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.7	18.9	28.3	





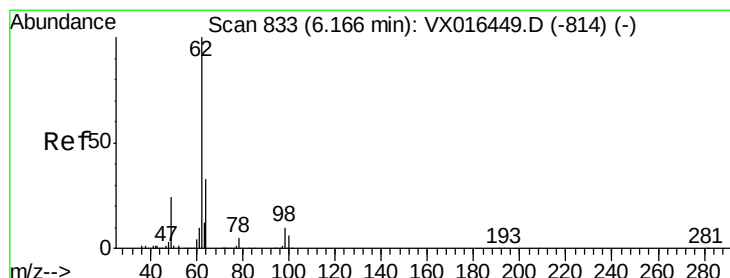
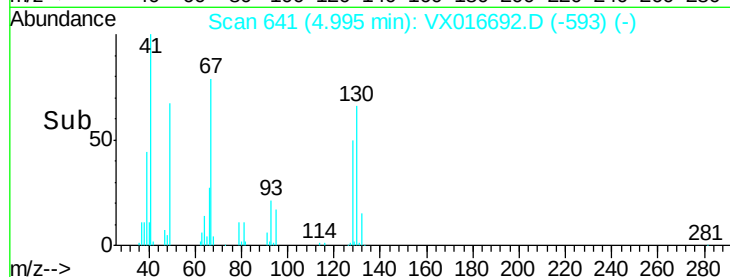
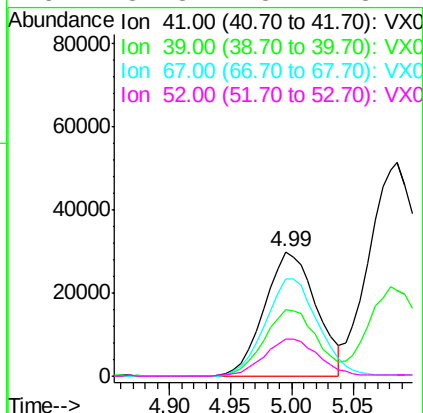
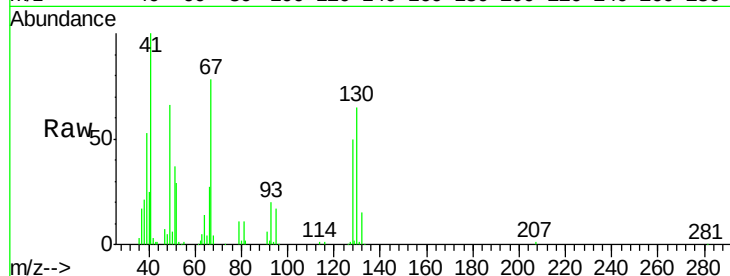
#41
Methacrylonitrile
Concen: 44.417 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		88339		
39	54.2	43.0	64.4		
67	80.8	58.9	88.3		
52	32.3	23.1	34.7		

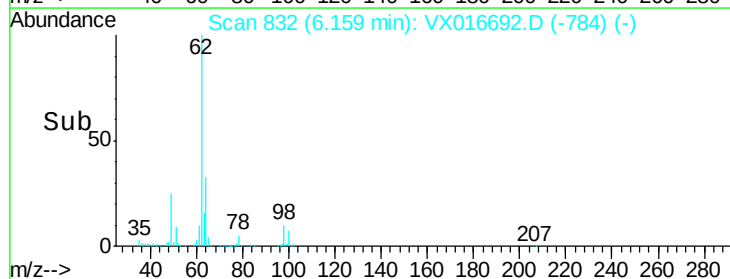
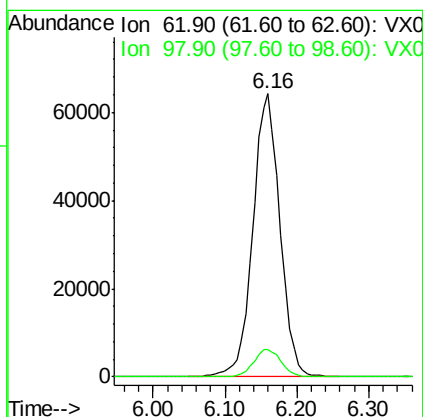
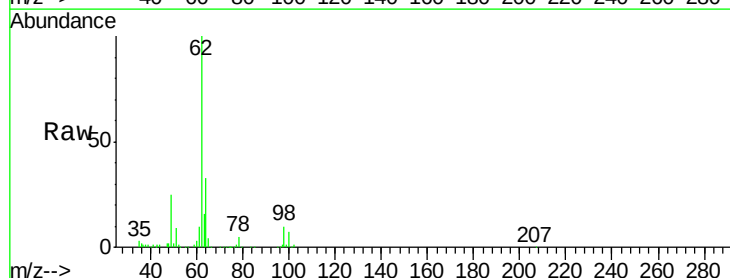
Manual Integrations
APPROVED

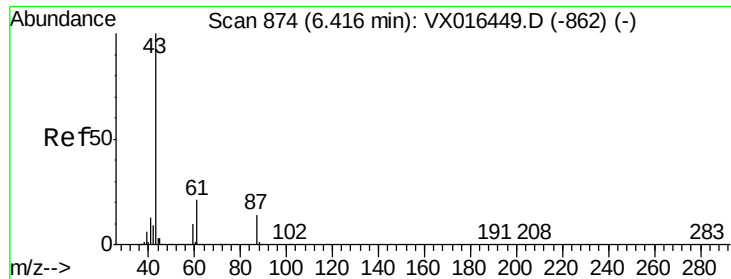
MMDadoda
6/12/2020 5:45:27 PM



#42
1,2-Dichloroethane
Concen: 52.488 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		167642		
98	9.9	0.0	19.8		





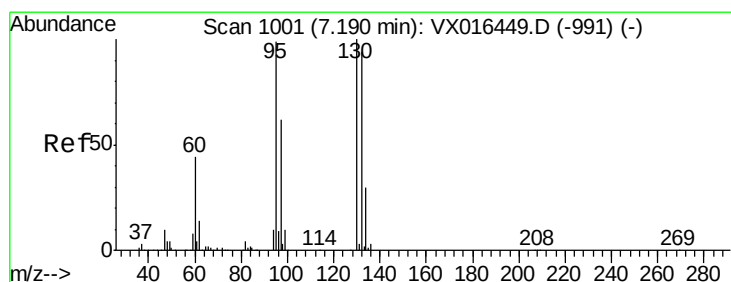
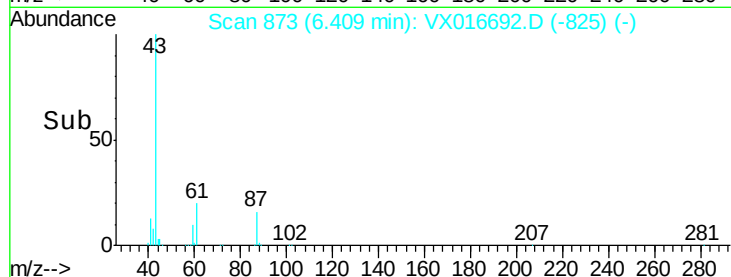
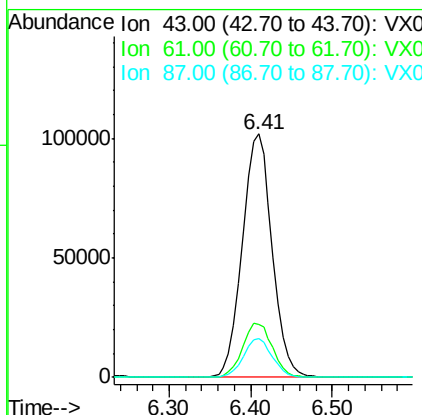
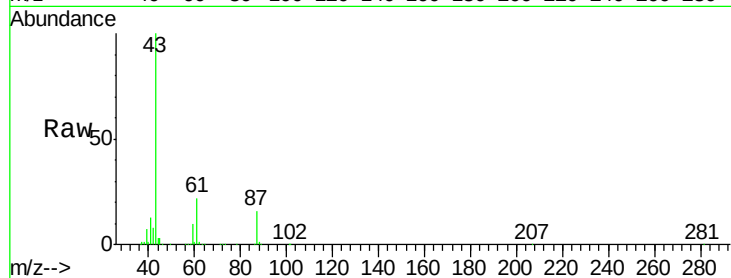
#43
Isopropyl Acetate
Concen: 45.533 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.5	16.8	25.2
87	15.5	11.2	16.8

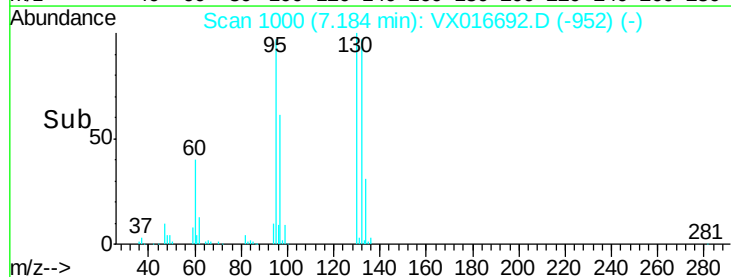
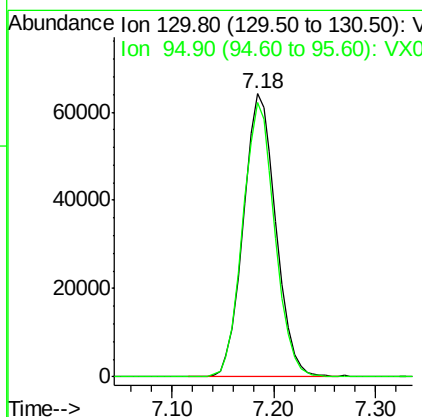
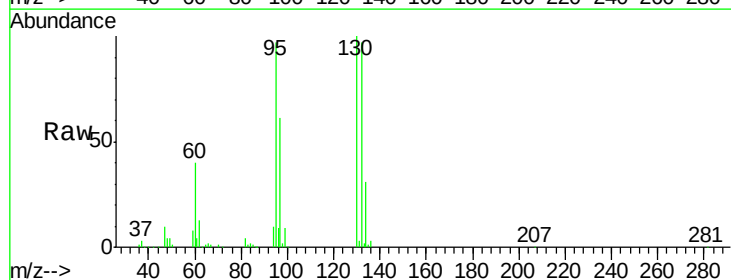
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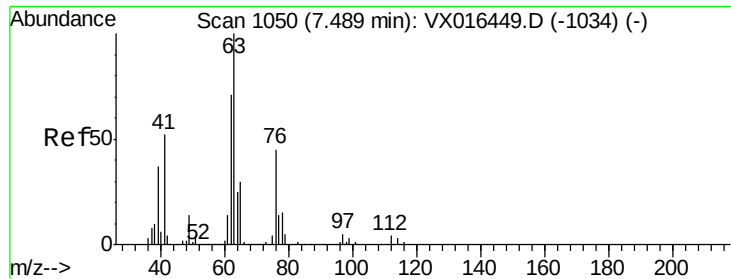
MMDadoda
6/12/2020 5:45:27 PM



#44
Trichloroethene
Concen: 49.817 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	198.2





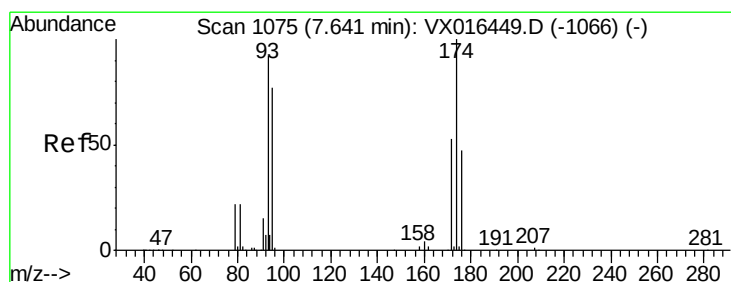
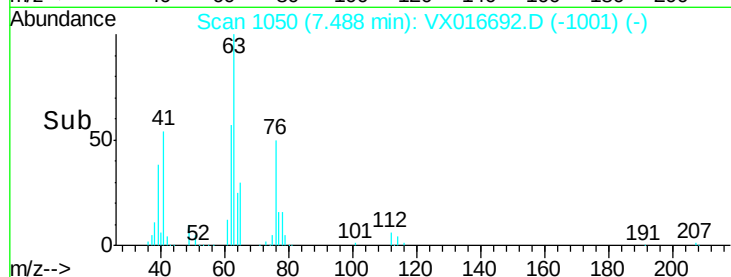
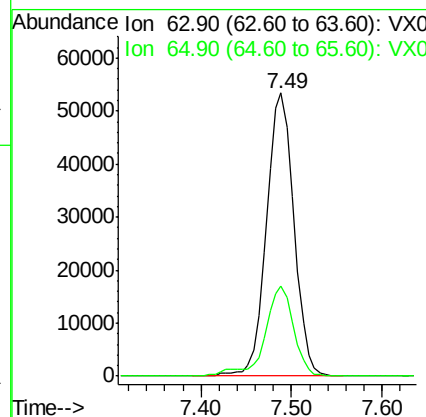
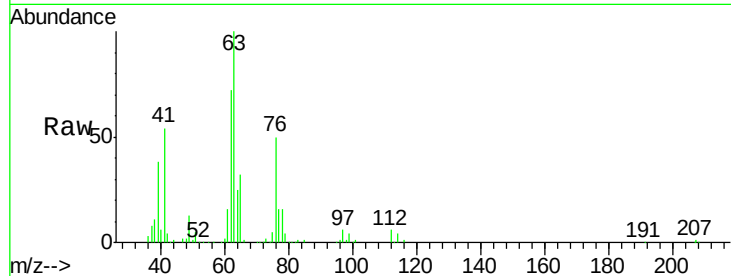
#45
 1,2-Dichloropropane
 Concen: 48.901 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016692.D
 Acq: 11 Jun 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	24.2	36.2

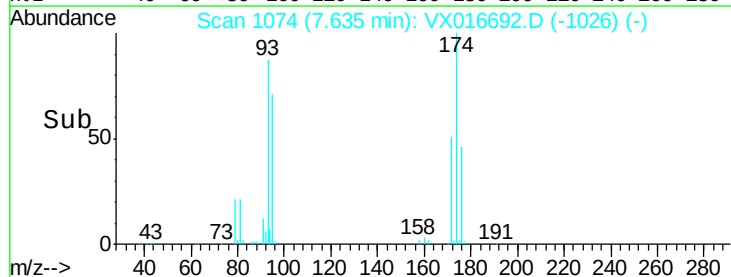
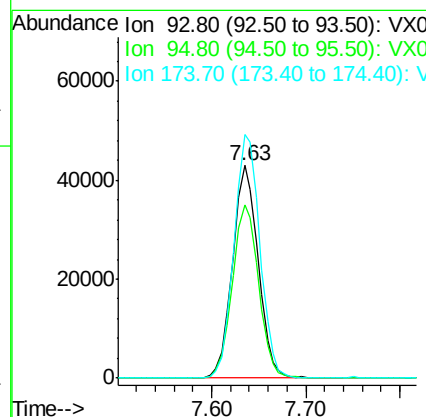
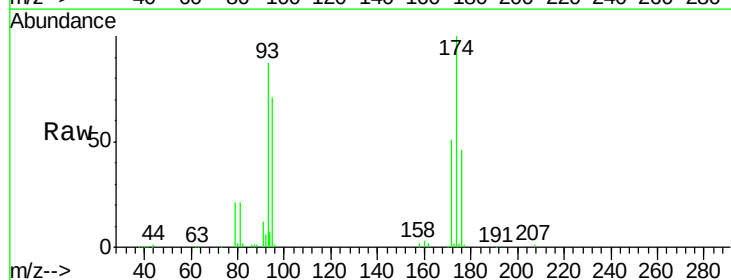
Manual Integrations
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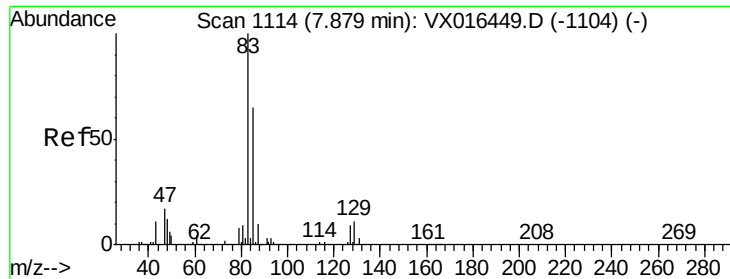
MMDadoda
 6/12/2020 5:45:27 PM



#46
 Dibromomethane
 Concen: 52.996 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016692.D
 Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.6	100.0
174	115.9	86.2	129.4





#47

Bromodichloromethane

Concen: 54.207 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Instrument :

MSVOA_X

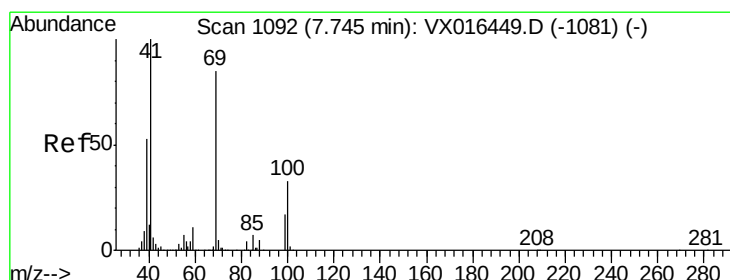
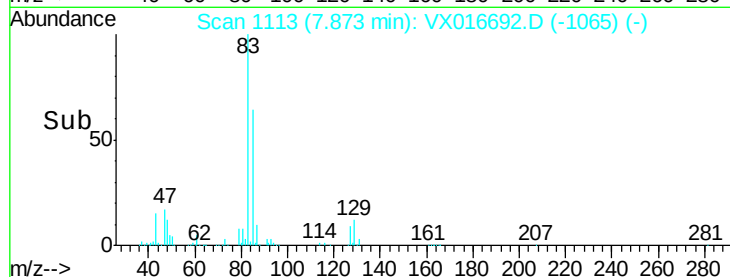
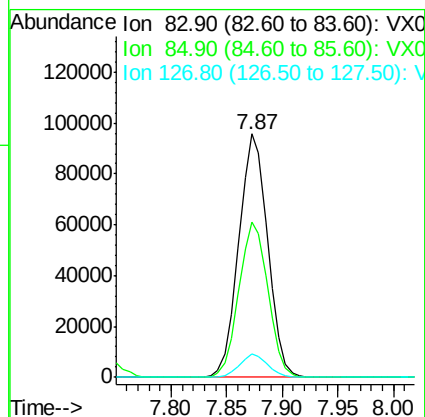
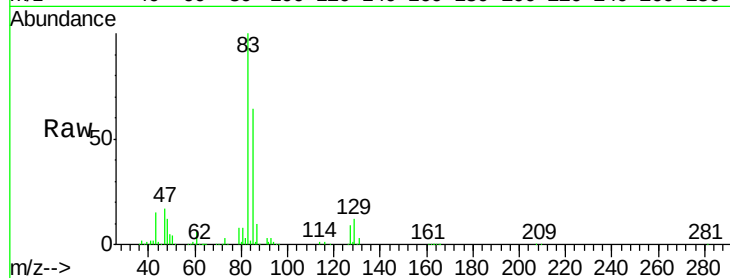
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	172364
Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.0	78.0
127	9.4	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.254 ug/l

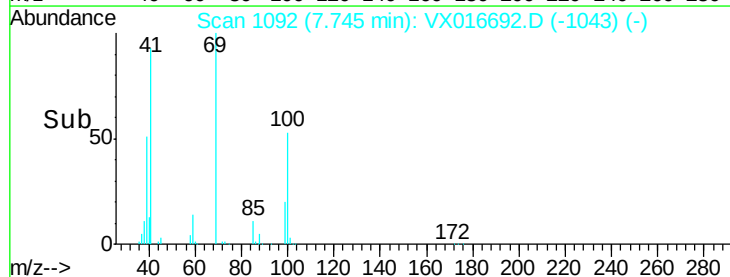
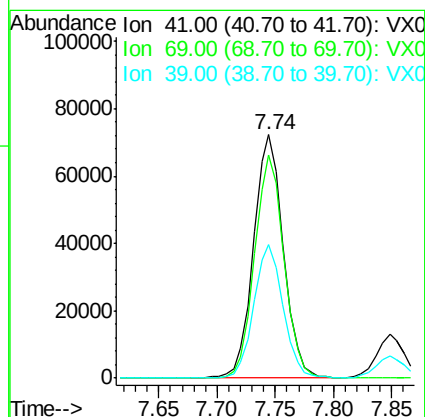
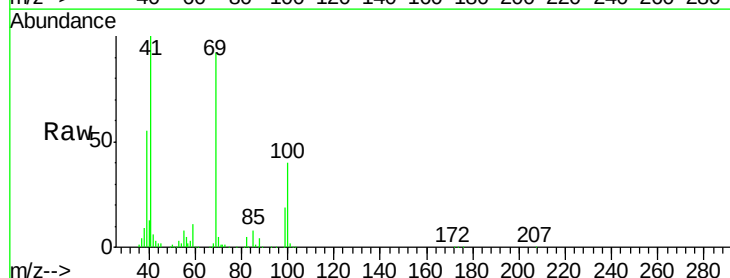
RT: 7.74 min Scan# 1092

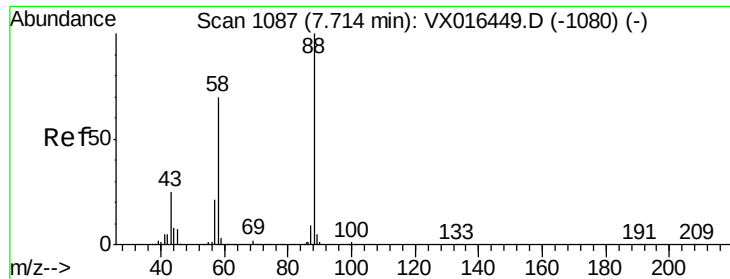
Delta R.T. -0.00 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Tgt Ion:	41	Resp:	127781
Ion	Ratio	Lower	Upper
41	100		
69	91.0	68.6	102.8
39	54.5	42.4	63.6





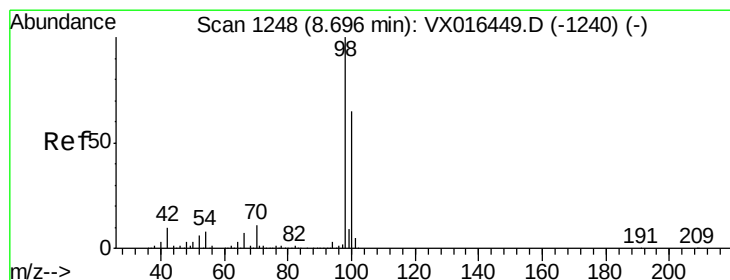
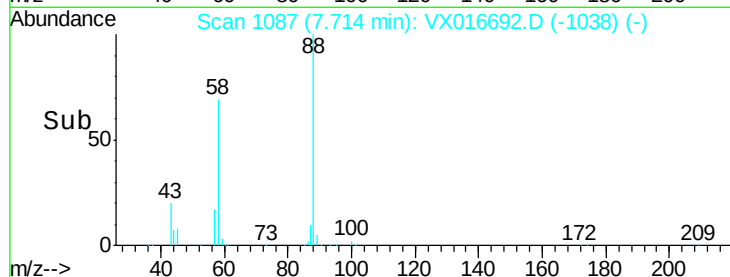
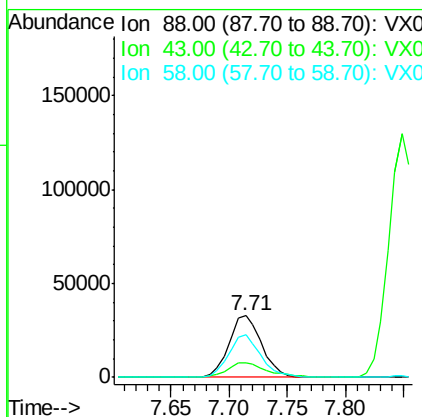
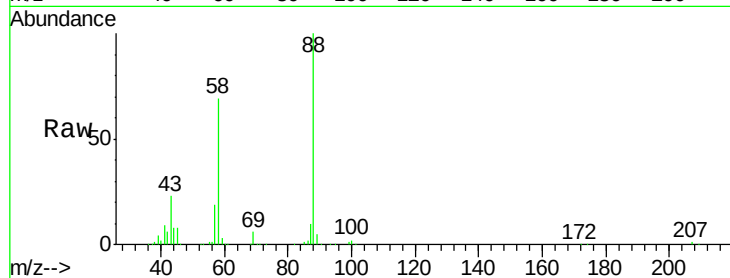
#49
1,4-Dioxane
Concen: 1014.727 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.4	24.2	36.4
58	68.0	56.5	84.7

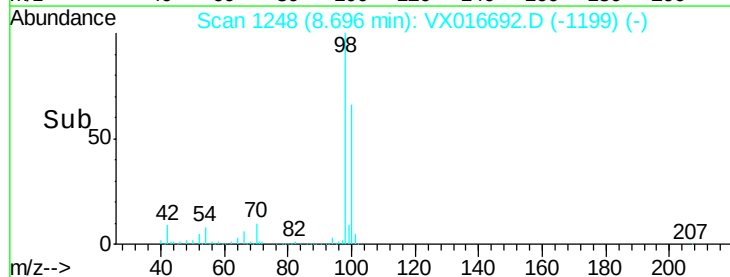
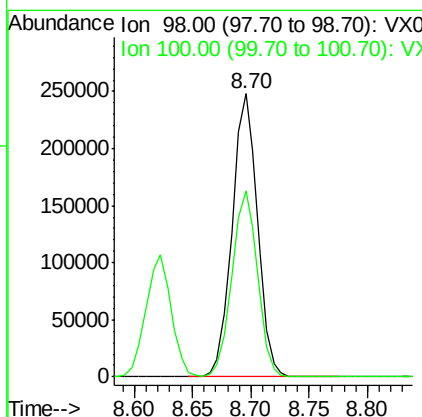
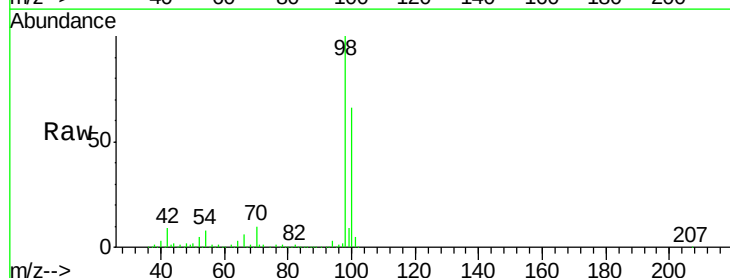
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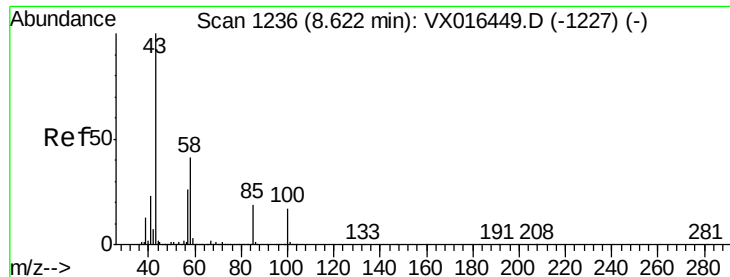
MMDadoda
6/12/2020 5:45:27 PM



#50
Toluene-d8
Concen: 49.266 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.8	80.6





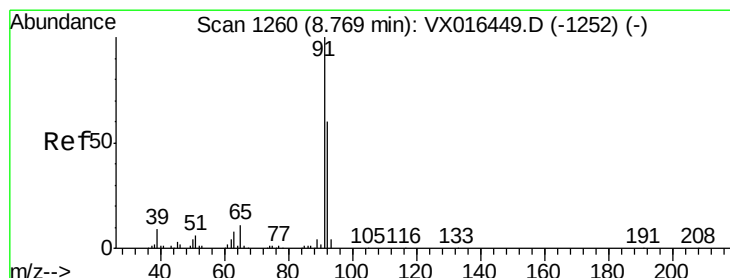
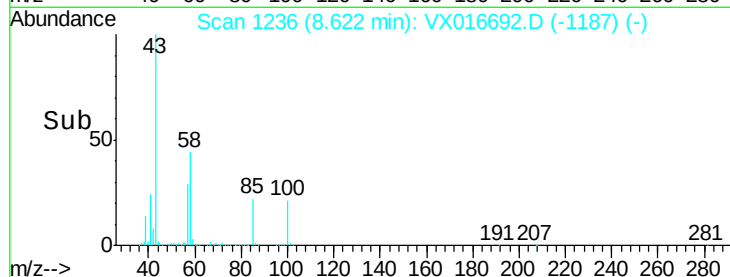
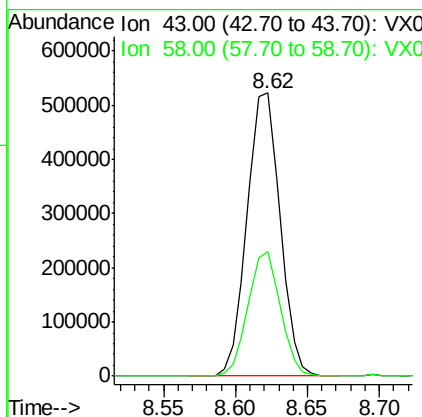
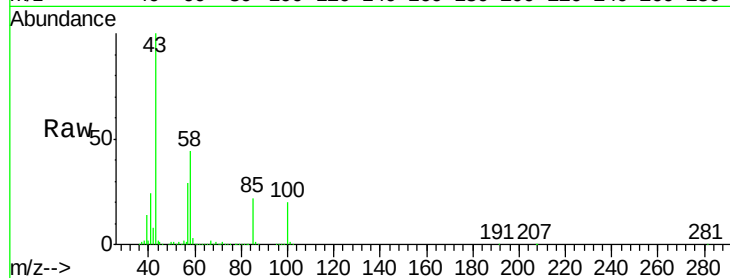
#51
4-Methyl-2-Pentanone
Concen: 236.346 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.1	33.0	49.6

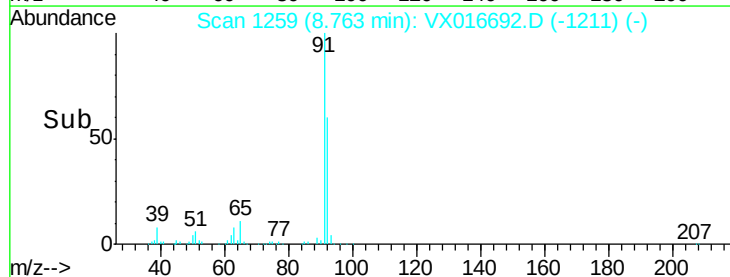
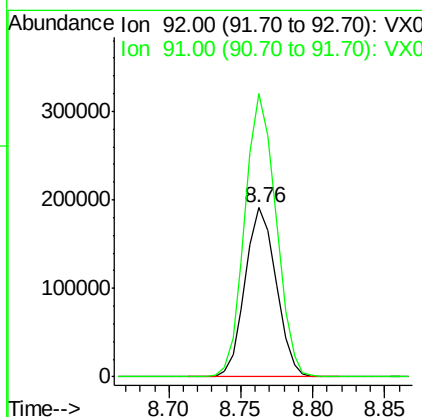
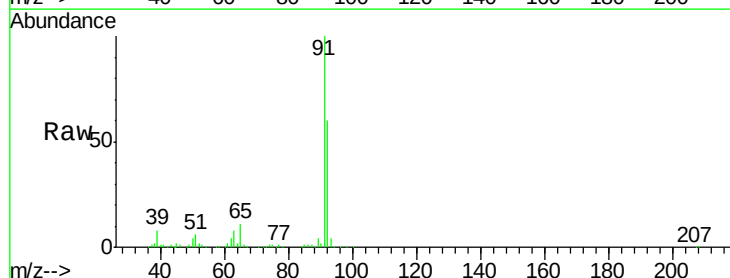
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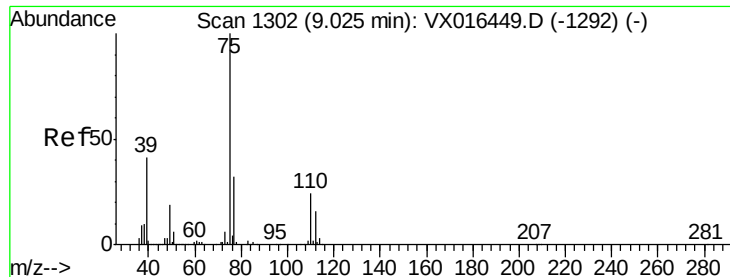
MMDadoda
6/12/2020 5:45:27 PM



#52
Toluene
Concen: 50.463 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.3	135.0	202.4





#53

t-1,3-Dichloropropene

Concen: 54.193 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 195947

Ion Ratio Lower Upper

75 100

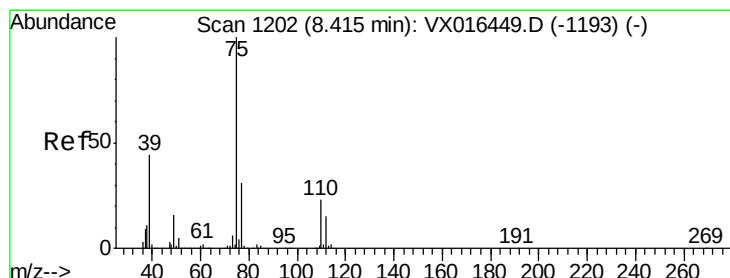
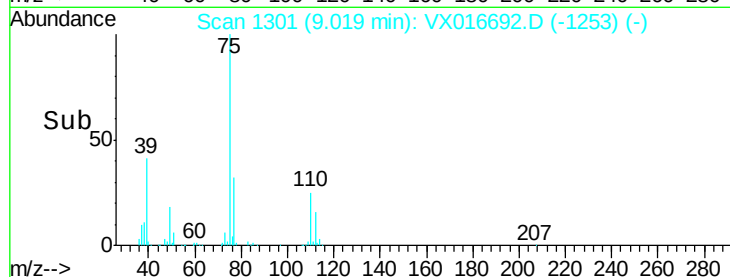
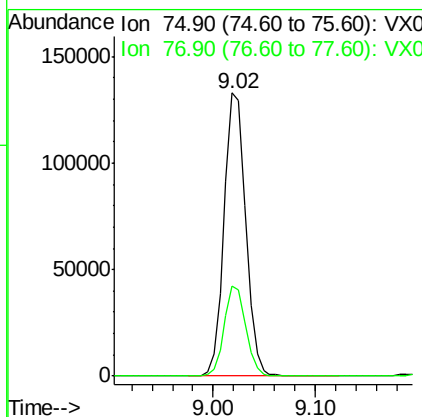
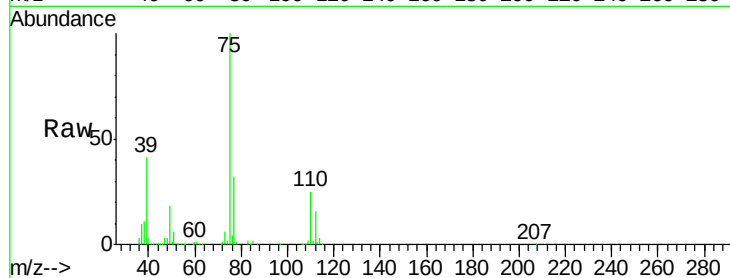
77 32.0 25.5 38.3

Manual Integrations

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6/12/2020 5:45:27 PM



#54

cis-1,3-Dichloropropene

Concen: 52.882 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

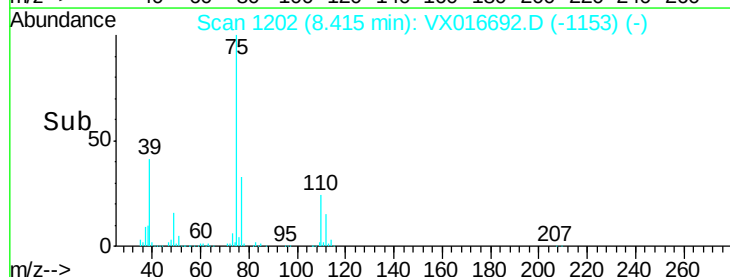
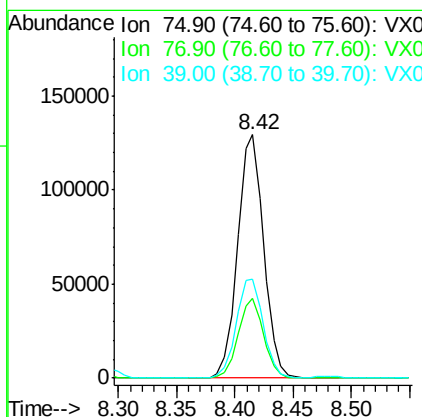
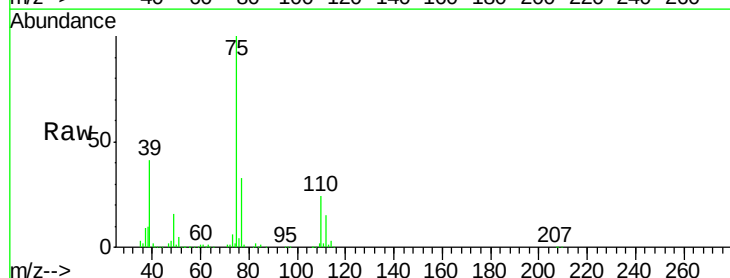
Tgt Ion: 75 Resp: 202387

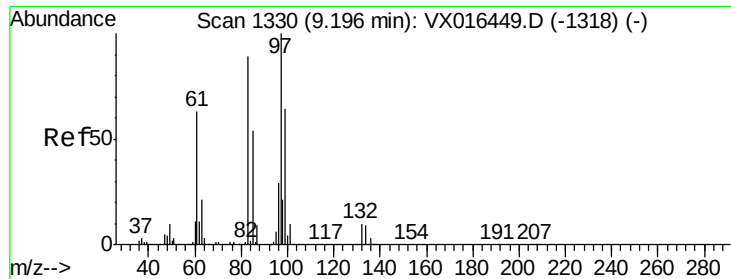
Ion Ratio Lower Upper

75 100

77 32.7 24.6 36.8

39 40.9 35.3 52.9





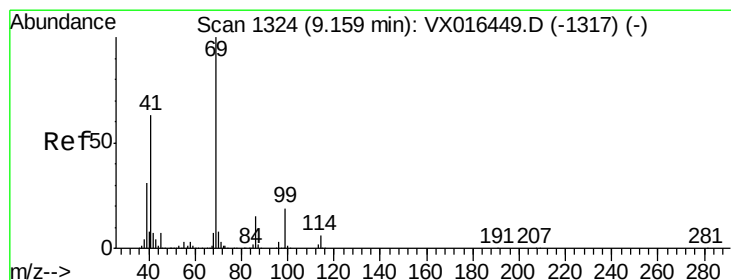
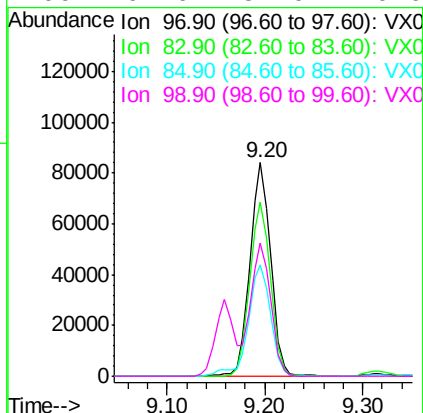
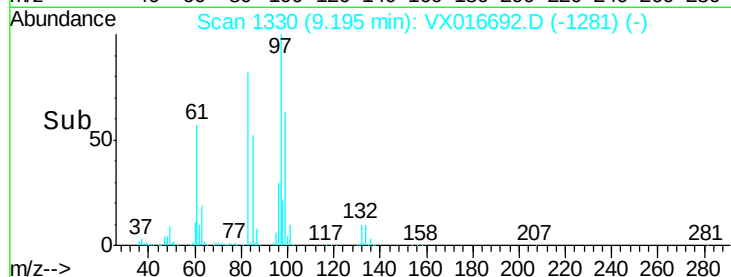
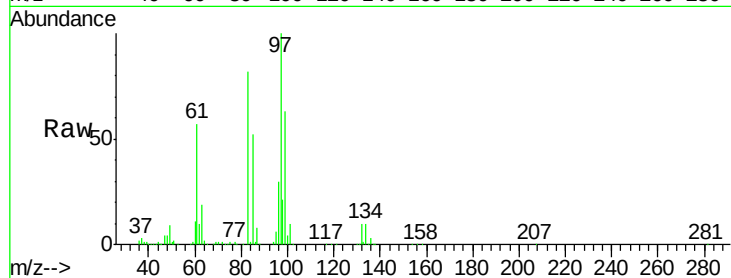
#55
 1,1,2-Trichloroethane
 Concen: 54.638 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016692.D
 Acq: 11 Jun 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		123031		
83	81.6	70.9	106.3		
85	52.0	43.4	65.2		
99	62.6	51.0	76.6		

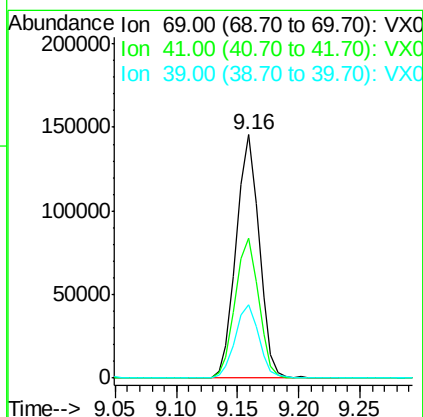
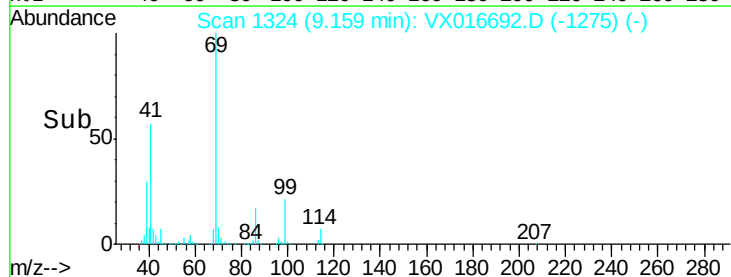
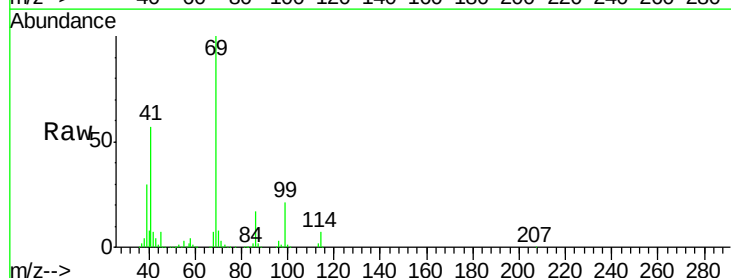
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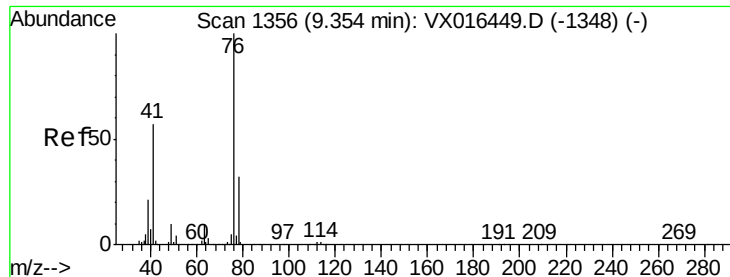
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#56
 Ethyl methacrylate
 Concen: 51.932 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016692.D
 Acq: 11 Jun 2020 10:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		190450		
41	58.2	50.7	76.1		
39	31.1	25.8	38.6		





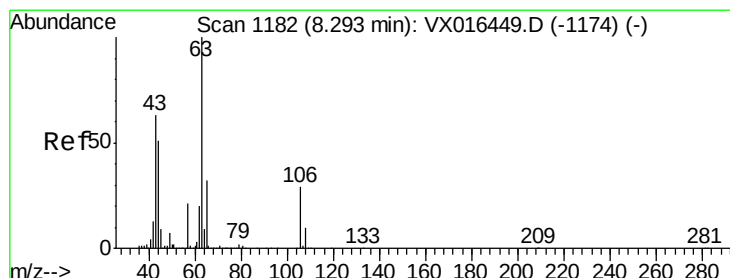
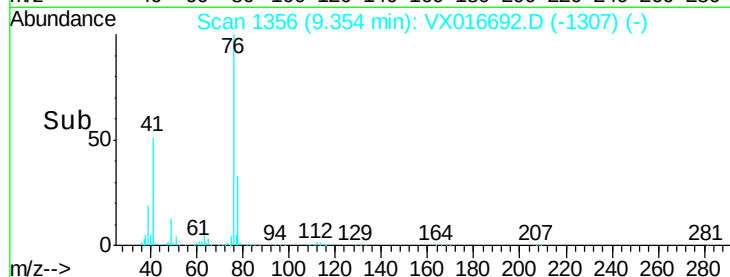
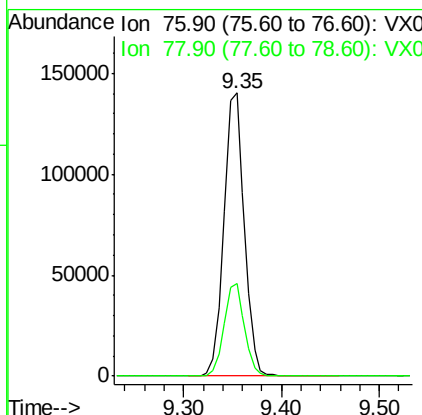
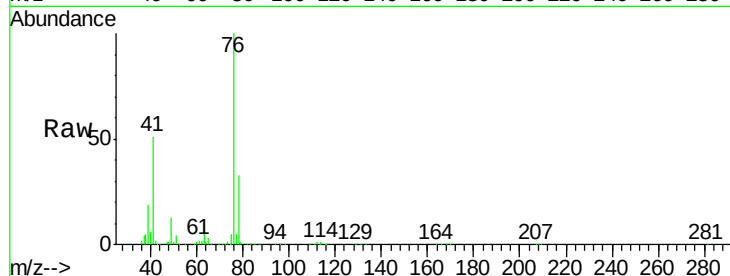
#57
 1,3-Dichloropropane
 Concen: 52.480 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016692.D
 Acq: 11 Jun 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.4

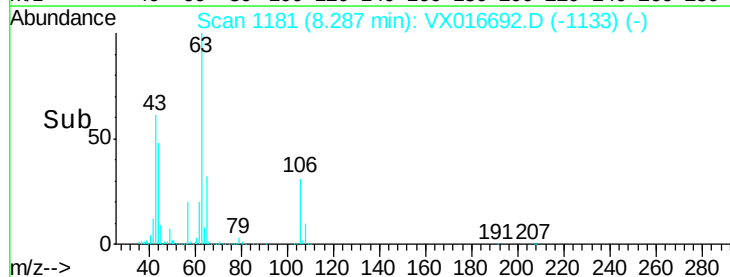
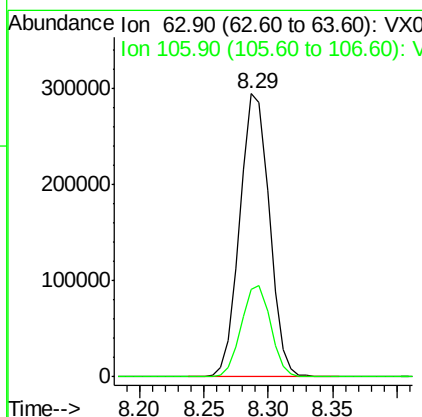
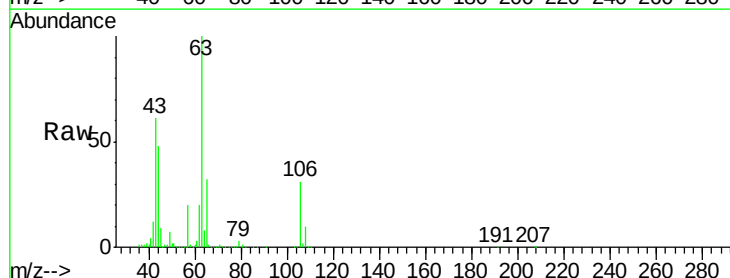
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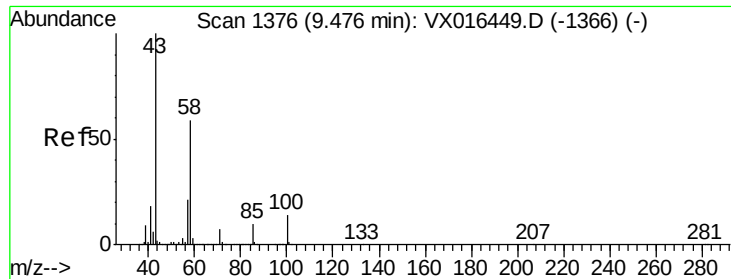
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#58
 2-Chloroethyl Vinyl ether
 Concen: 244.714 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016692.D
 Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.0	23.2	34.8





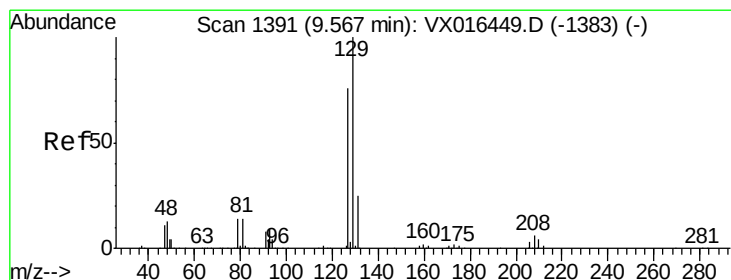
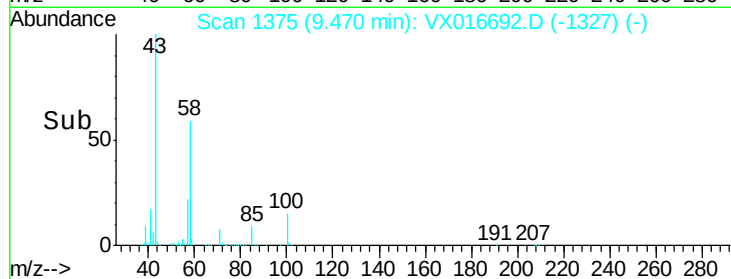
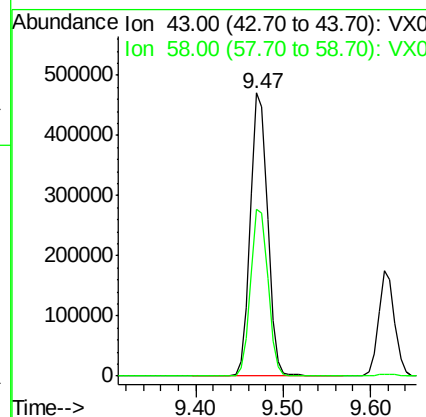
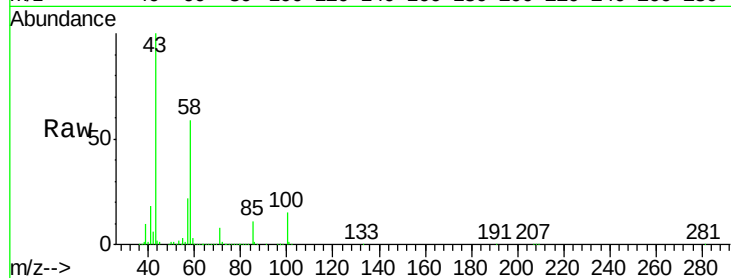
#59
2-Hexanone
Concen: 235.344 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 643605
Ion Ratio Lower Upper
43 100
58 59.7 28.8 86.4

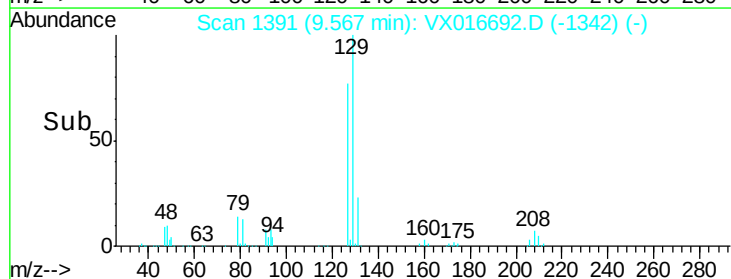
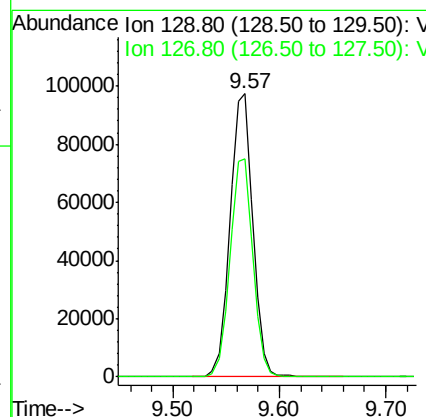
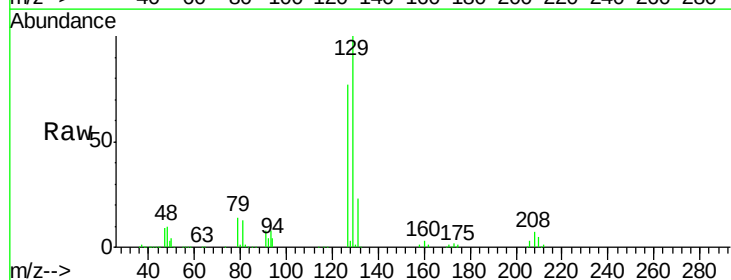
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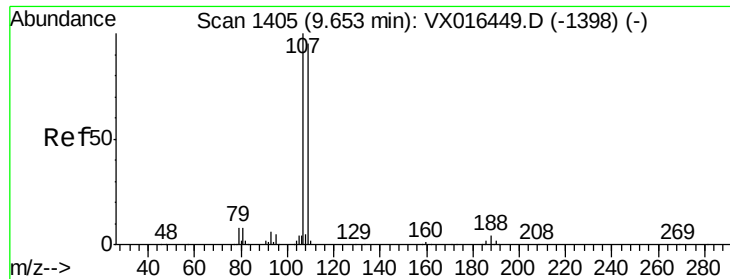
MMDadoda
6/12/2020 5:45:27 PM



#60
Dibromochloromethane
Concen: 57.583 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Tgt Ion: 129 Resp: 145919
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 54.182 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 130650

Ion Ratio Lower Upper

107 100

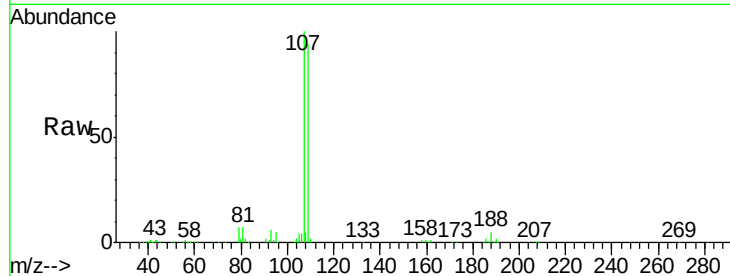
109 95.1 75.5 113.3

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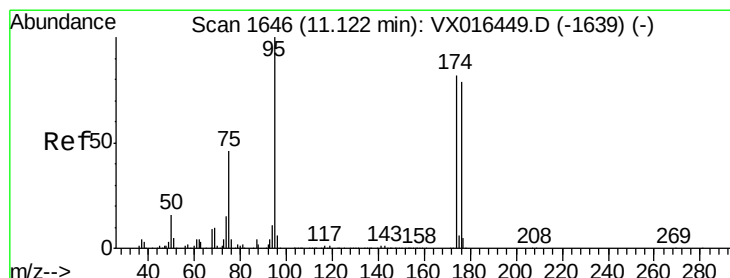
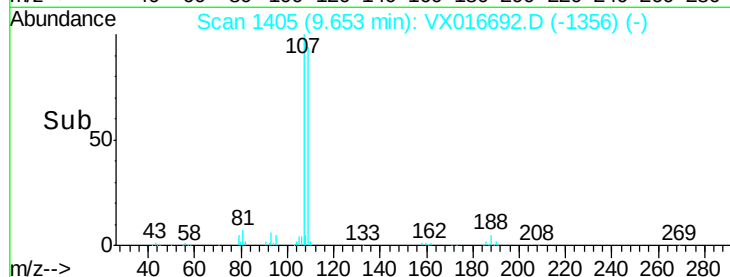
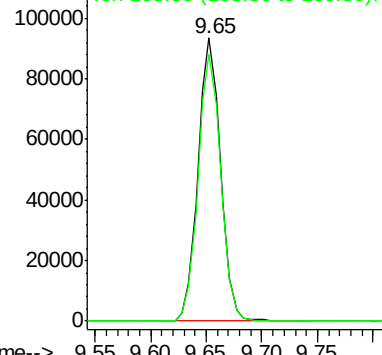
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.641 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

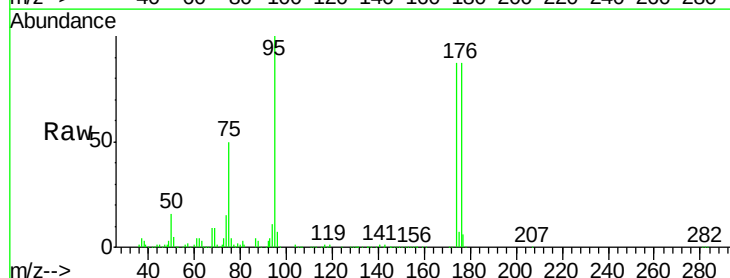
Tgt Ion: 95 Resp: 146426

Ion Ratio Lower Upper

95 100

174 85.9 0.0 163.0

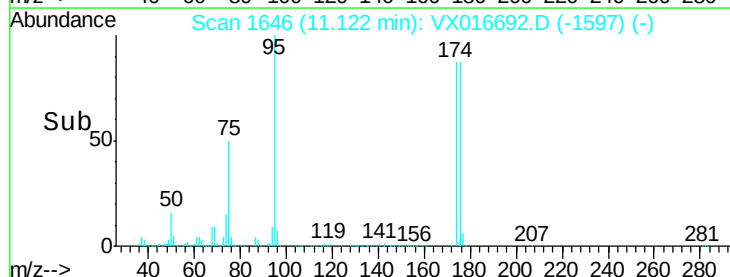
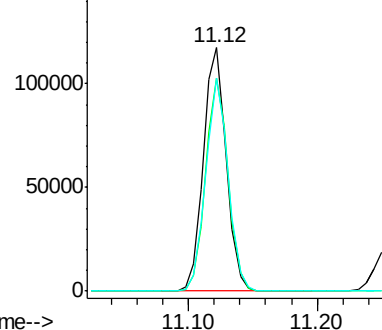
176 85.4 0.0 156.8

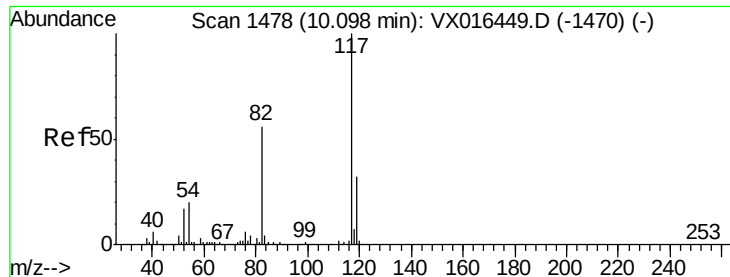


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





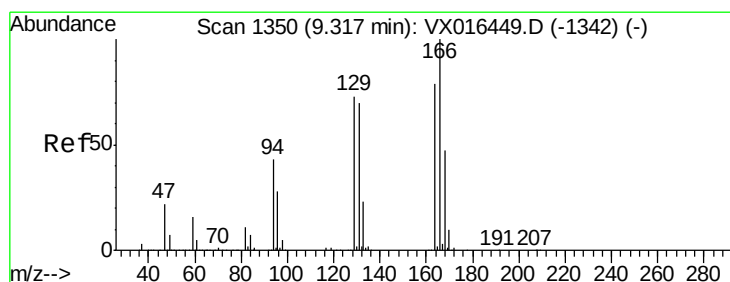
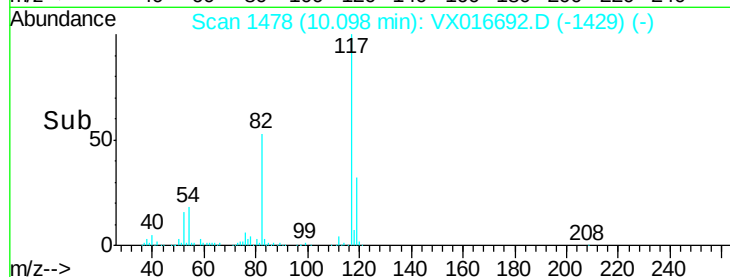
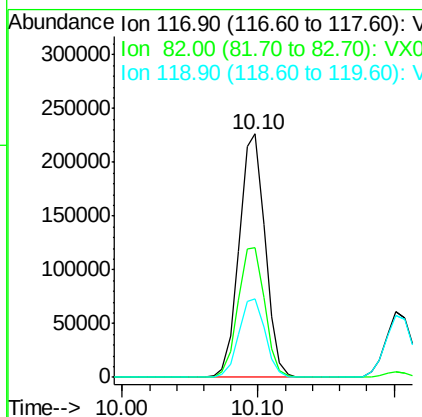
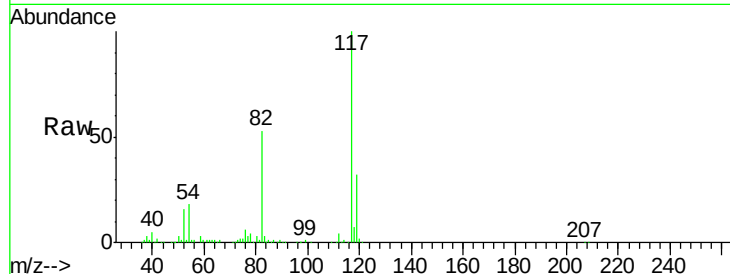
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	301593		
82	53.1	45.0	67.6	
119	32.3	25.8	38.8	

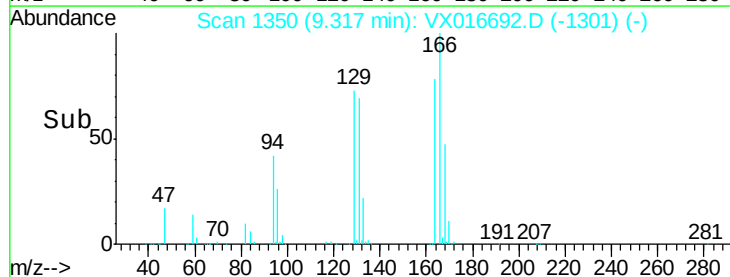
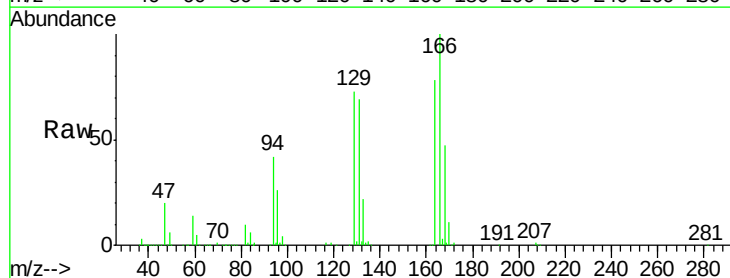
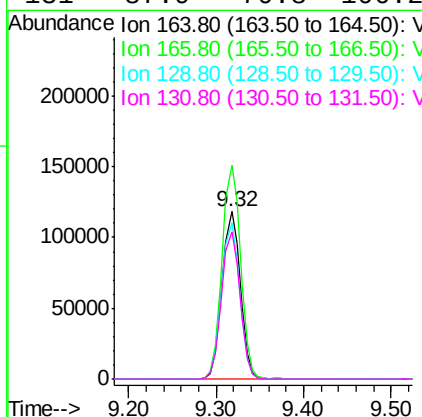
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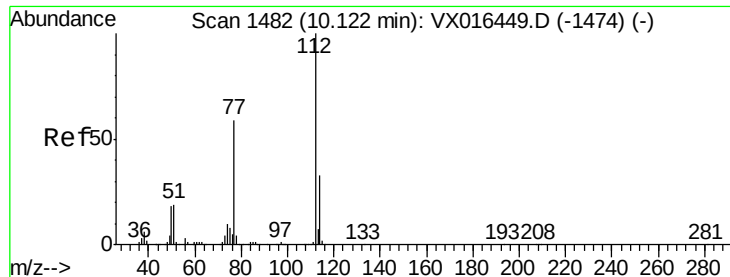
MMDadoda
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#64
Tetrachloroethene
Concen: 50.750 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	171241		
166	127.8	100.9	151.3	
129	93.1	73.2	109.8	
131	87.9	70.8	106.2	





#65

Chlorobenzene

Concen: 51.791 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 318442

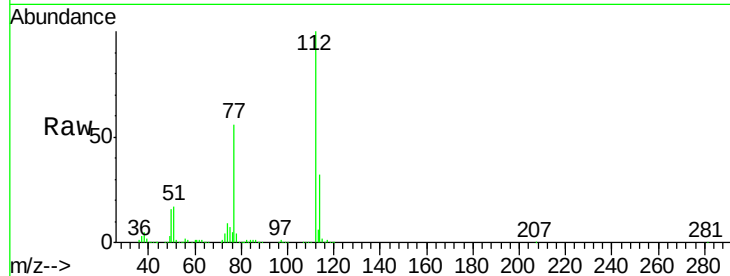
Ion Ratio Lower Upper

112 100

114 31.6 26.0 39.0

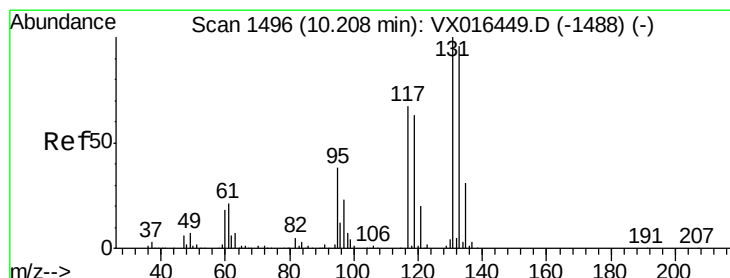
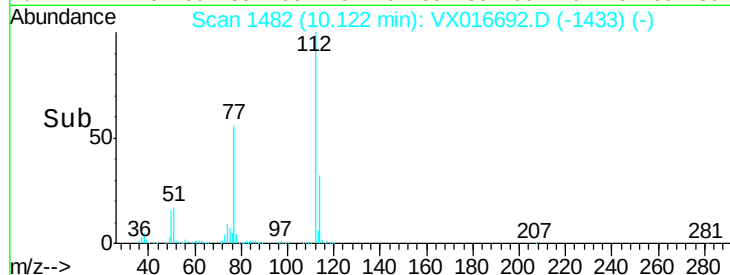
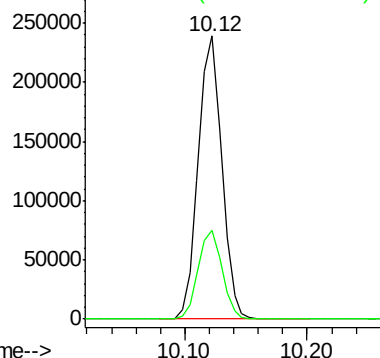
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 55.266 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

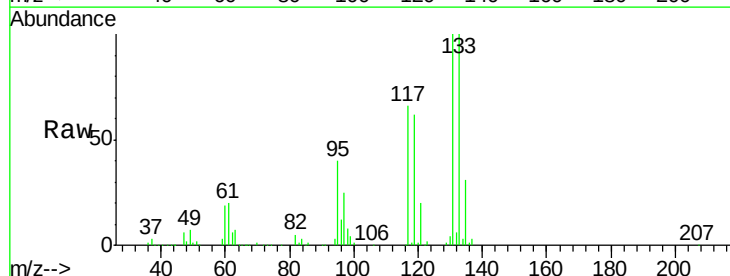
Tgt Ion:131 Resp: 129716

Ion Ratio Lower Upper

131 100

133 96.6 48.4 145.3

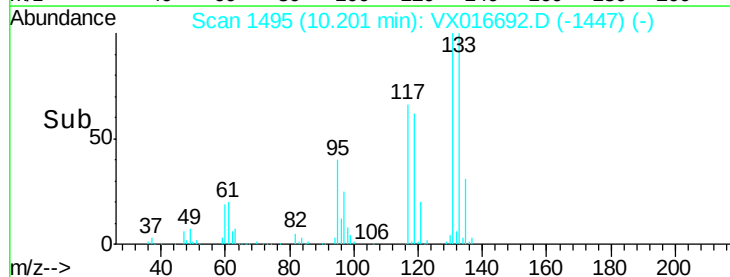
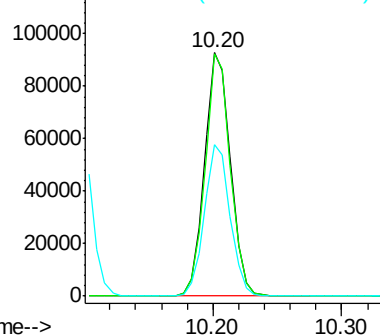
119 62.0 32.0 96.2

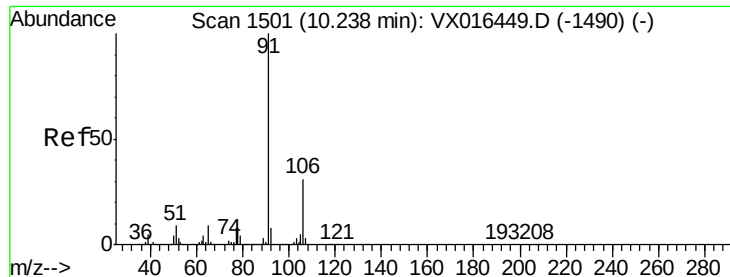


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.764 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 544781

Ion Ratio Lower Upper

91 100

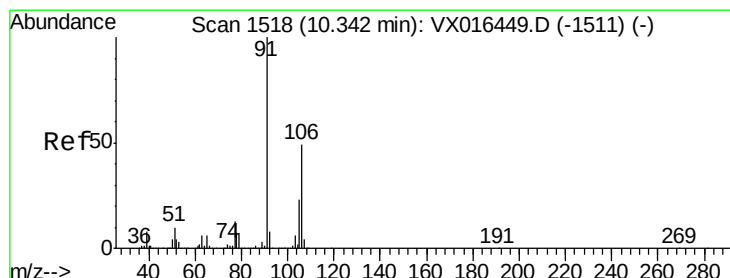
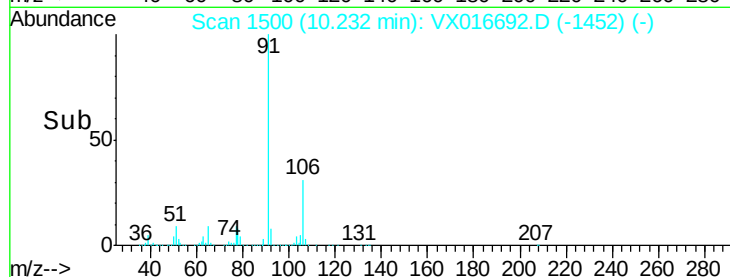
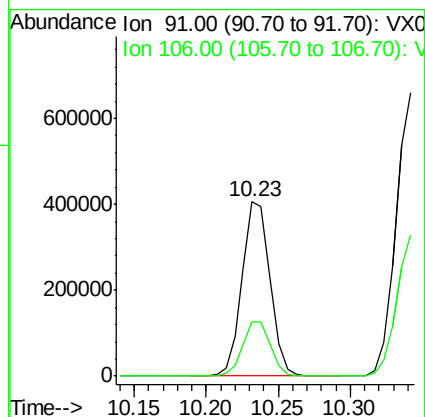
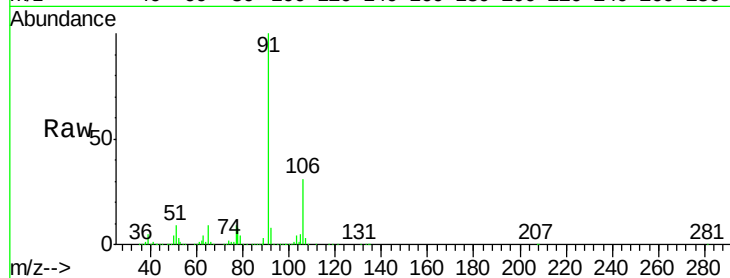
106 31.1 25.0 37.4

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6/12/2020 5:45:27 PM



#68

m/p-Xylenes

Concen: 103.718 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016692.D

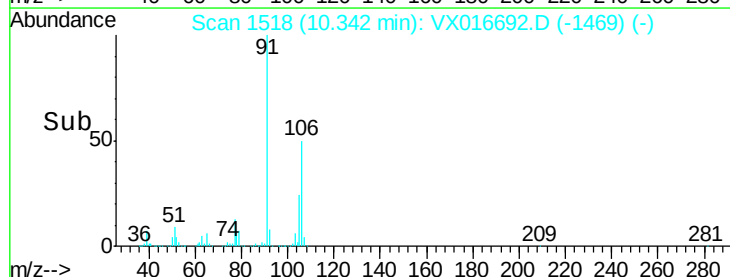
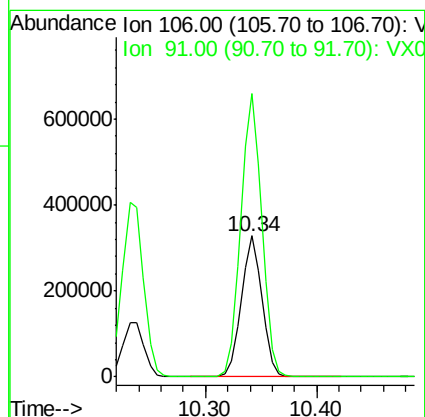
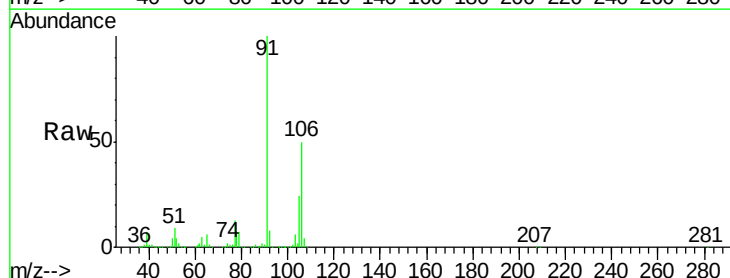
Acq: 11 Jun 2020 10:18

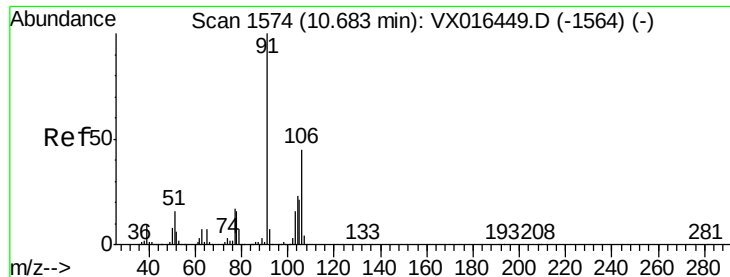
Tgt Ion: 106 Resp: 420981

Ion Ratio Lower Upper

106 100

91 203.7 163.8 245.8





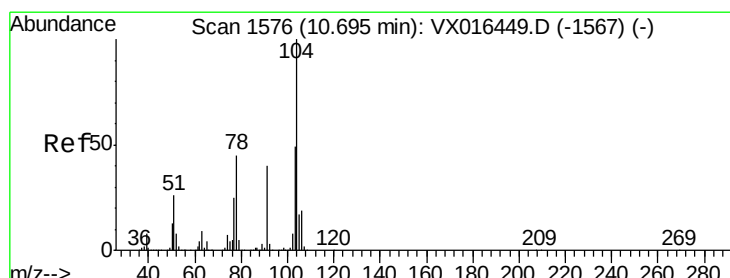
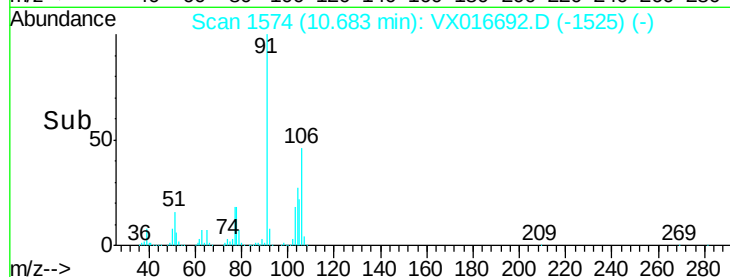
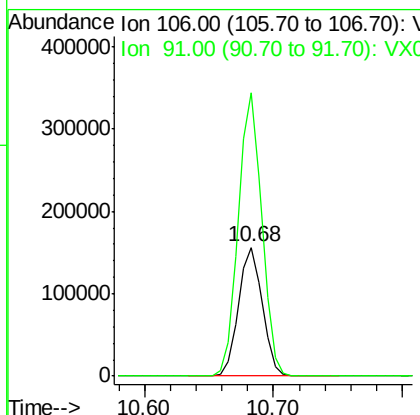
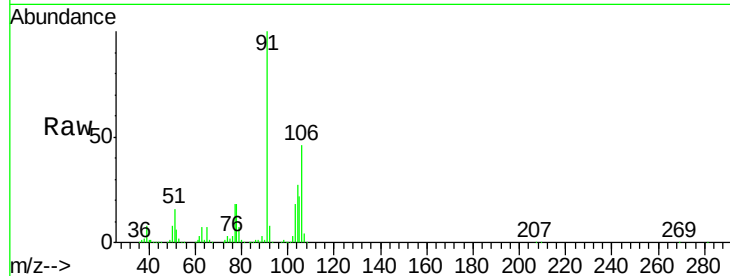
#69
o-Xylene
Concen: 51.088 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.6	109.6	328.8

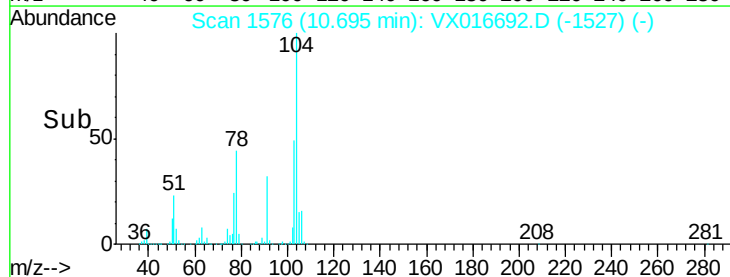
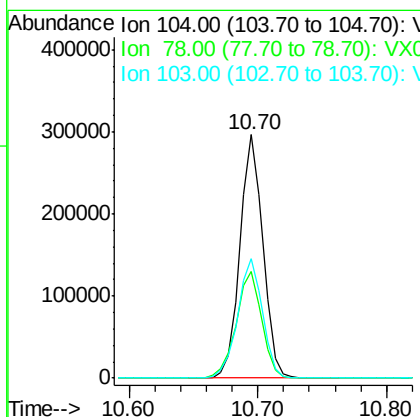
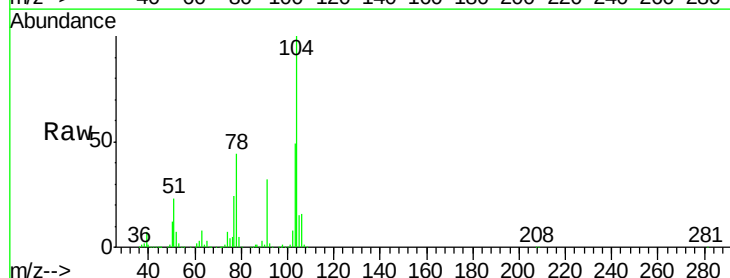
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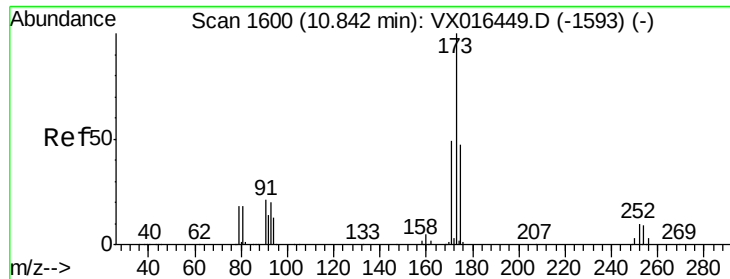
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#70
Styrene
Concen: 54.083 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	40.2	60.2
103	53.4	43.1	64.7





#71

Bromoform

Concen: 58.489 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 116020

Ion Ratio Lower Upper

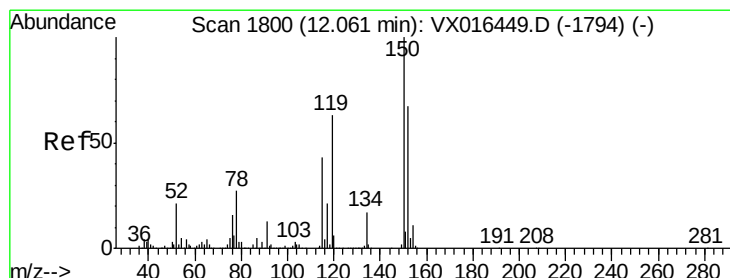
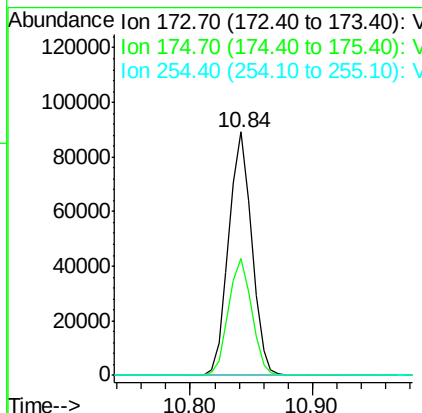
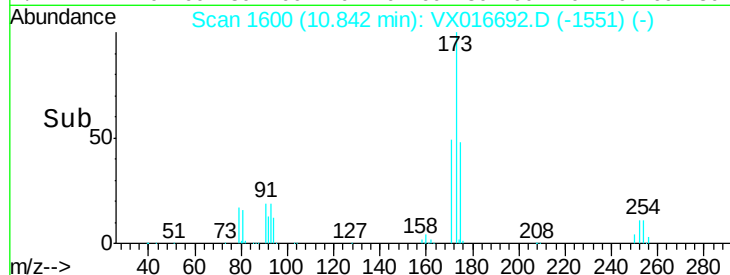
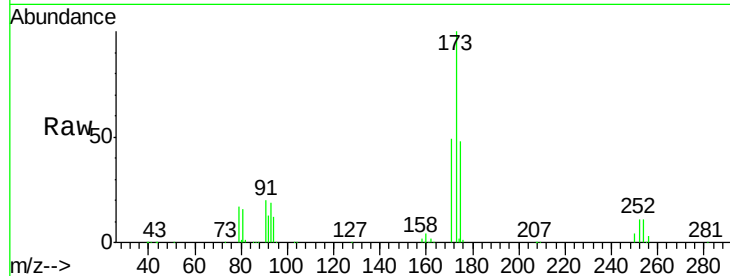
173 100

175 48.2 23.9 71.7

254 0.1 0.1 0.1#

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6/12/2020 5:45:27 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: VX016692.D

Acq: 11 Jun 2020 10:18

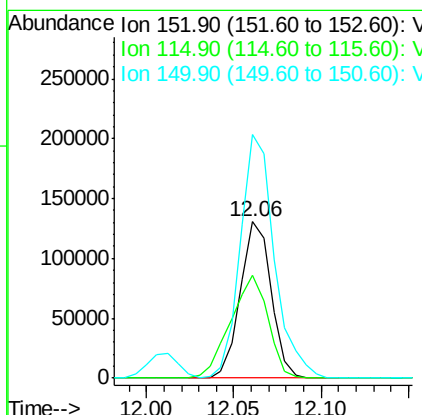
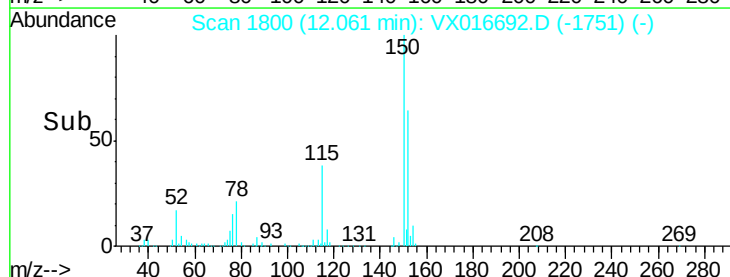
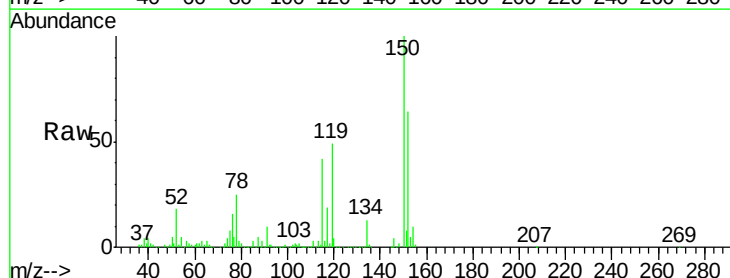
Tgt Ion:152 Resp: 159588

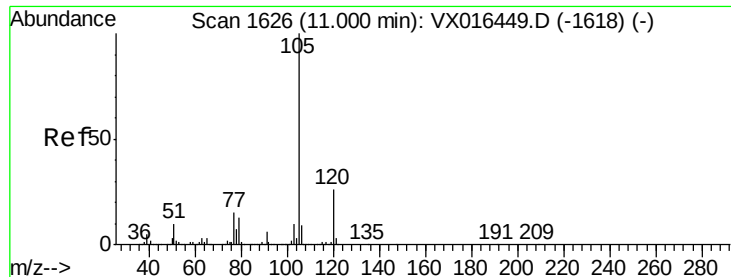
Ion Ratio Lower Upper

152 100

115 79.9 39.9 119.6

150 172.6 0.0 341.0





#73

Isopropylbenzene

Concen: 49.131 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 543265

Ion Ratio Lower Upper

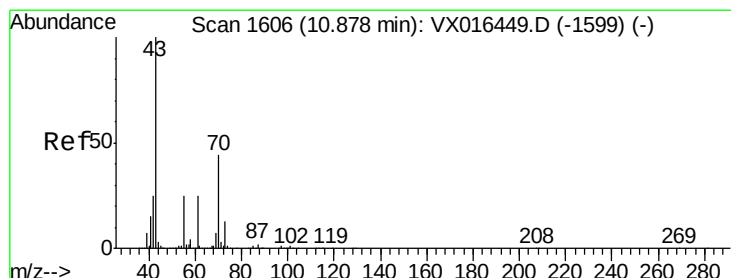
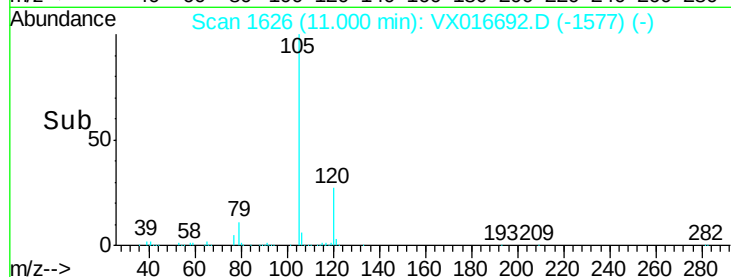
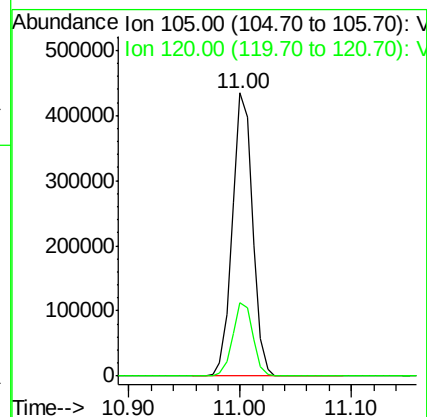
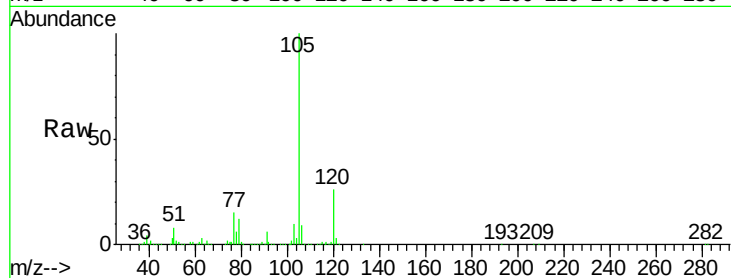
105 100

120 26.1 13.1 39.3

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6/12/2020 5:45:27 PM



#74

N-ethyl acetate

Concen: 42.980 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Tgt Ion: 43 Resp: 218602

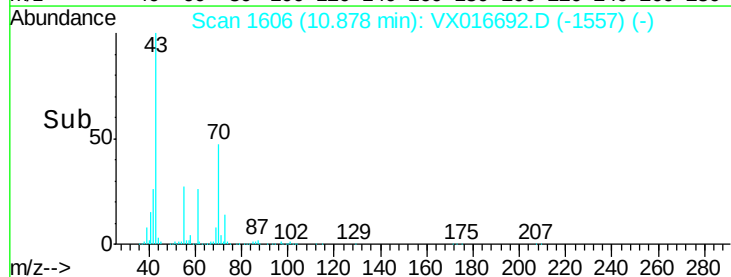
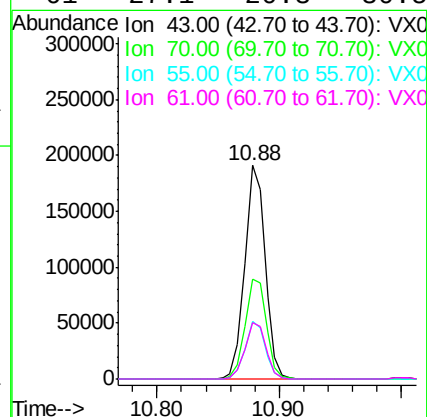
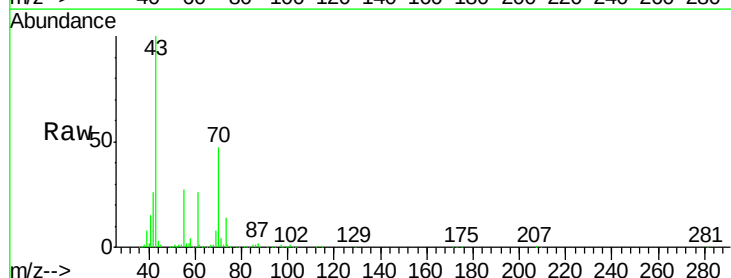
Ion Ratio Lower Upper

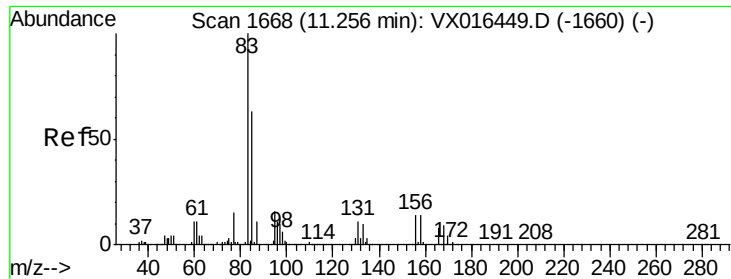
43 100

70 49.1 36.1 54.1

55 26.7 20.2 30.4

61 27.1 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 51.878 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Instrument :

MSVOA_X

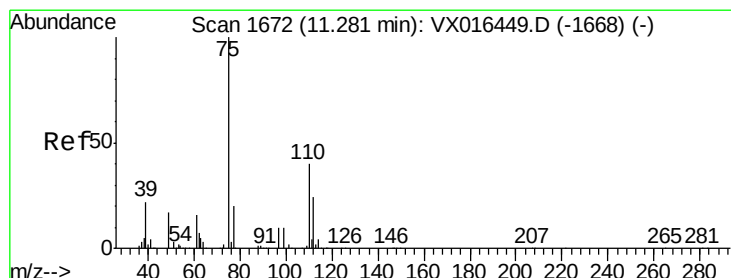
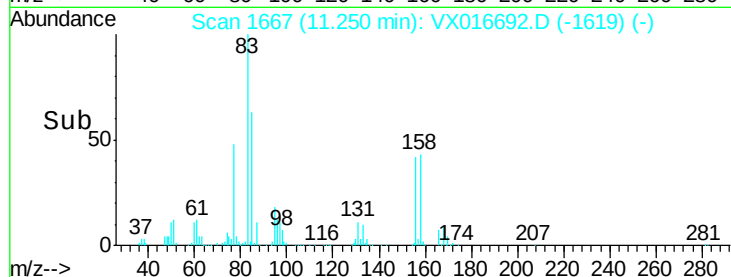
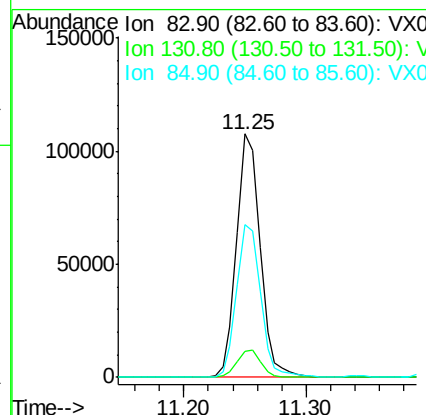
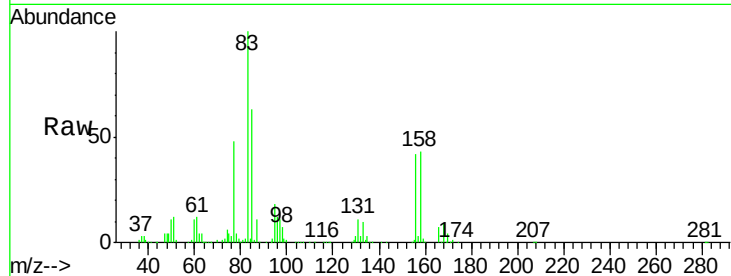
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	143767
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.1	15.3
85	64.1	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 49.838 ug/l m

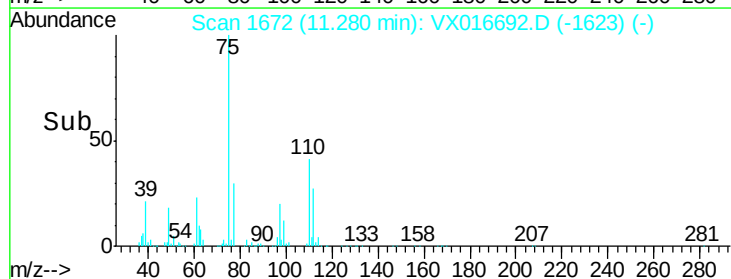
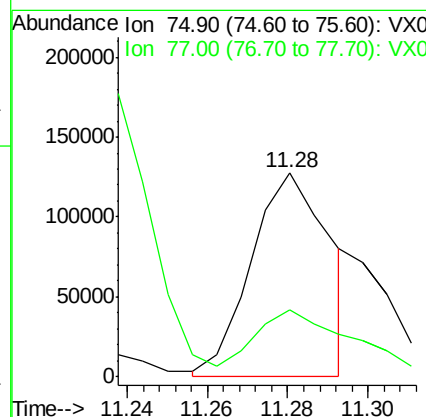
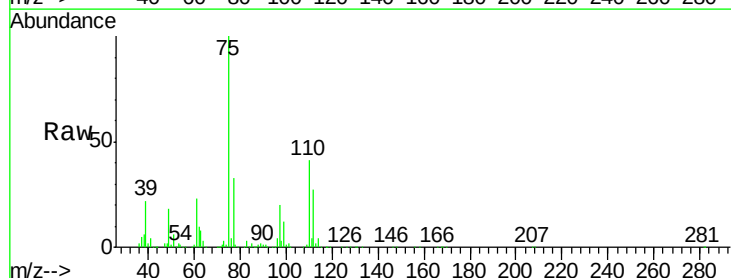
RT: 11.28 min Scan# 1672

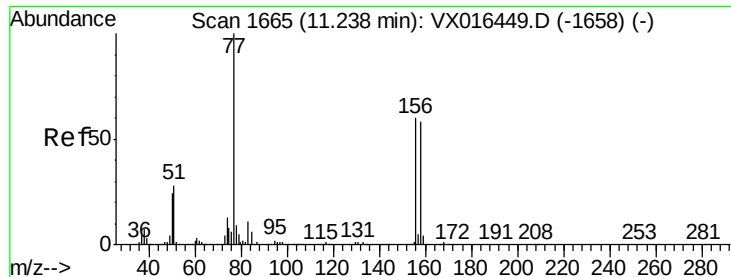
Delta R.T. -0.00 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Tgt Ion:	75	Resp:	174823
Ion Ratio	Lower	Upper	
75	100		
77	42.0	21.3	63.7





#77

Bromobenzene

Concen: 51.253 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Instrument :

MSVOA_X

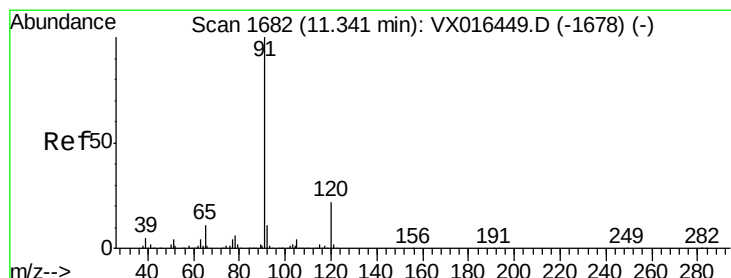
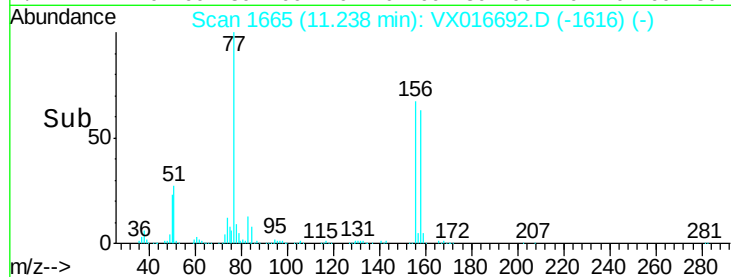
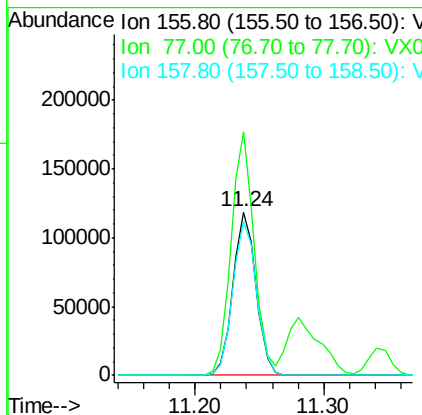
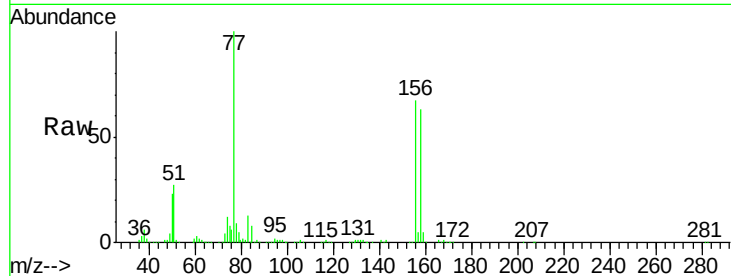
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.8	79.6	238.8
158	97.3	48.1	144.4

Manual Integrations
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#78

n-propylbenzene

Concen: 48.793 ug/l

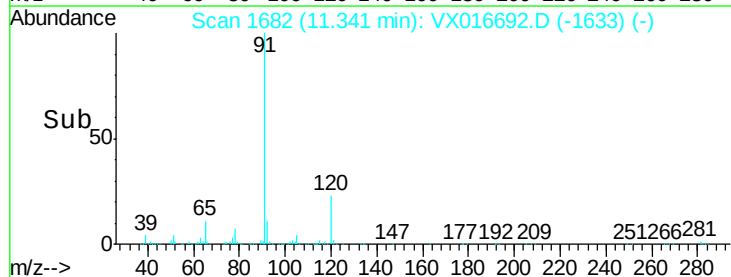
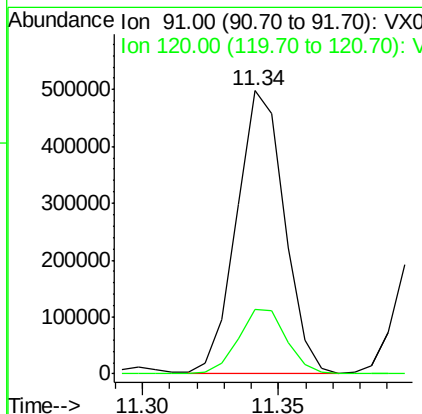
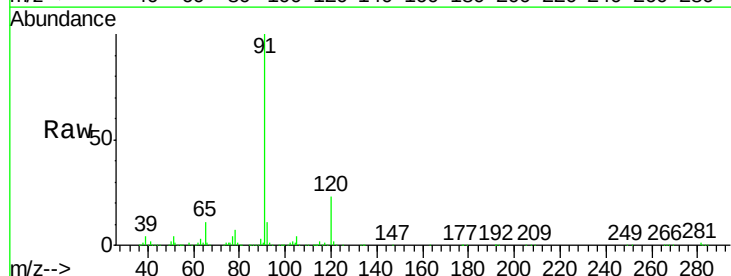
RT: 11.34 min Scan# 1682

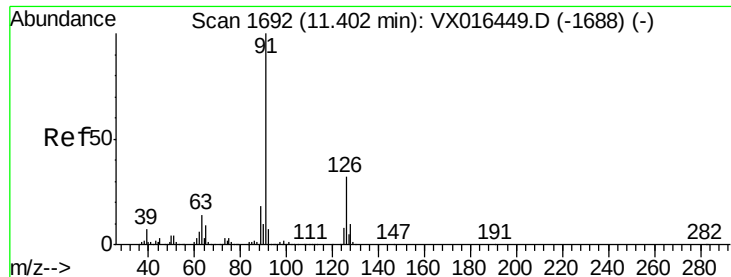
Delta R.T. -0.00 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.6	34.7





#79

2-Chlorotoluene

Concen: 49.581 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 373872

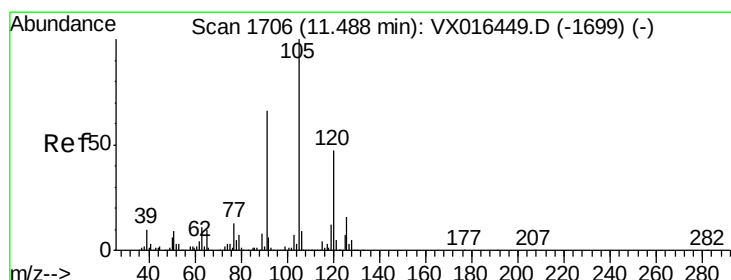
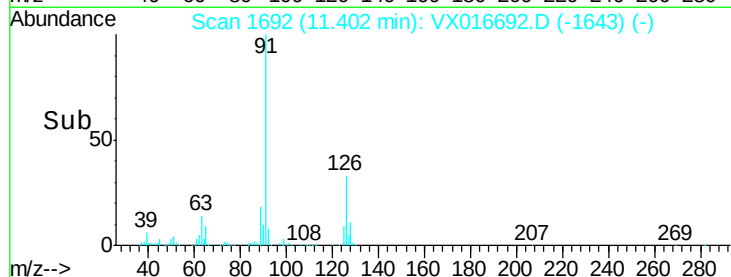
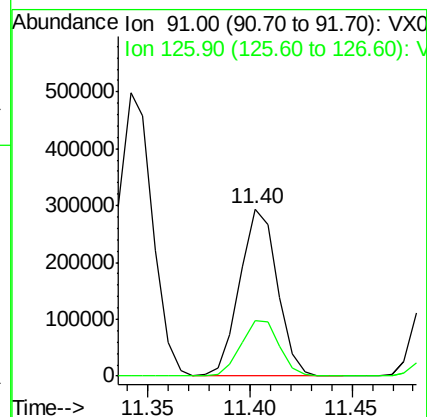
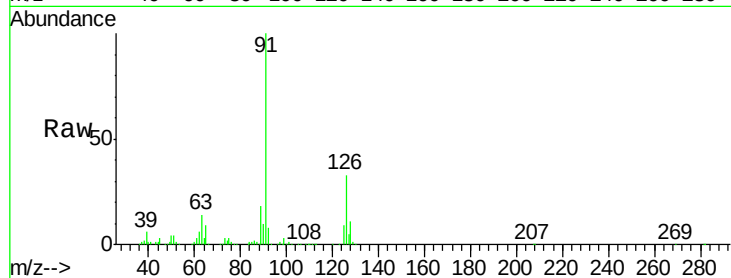
Ion Ratio Lower Upper

91 100

126 34.1 16.8 50.3

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#80

1,3,5-Trimethylbenzene

Concen: 51.089 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016692.D

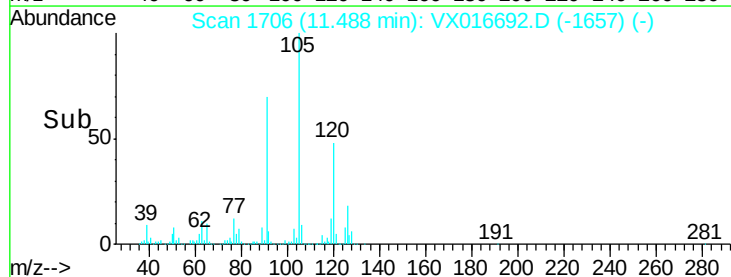
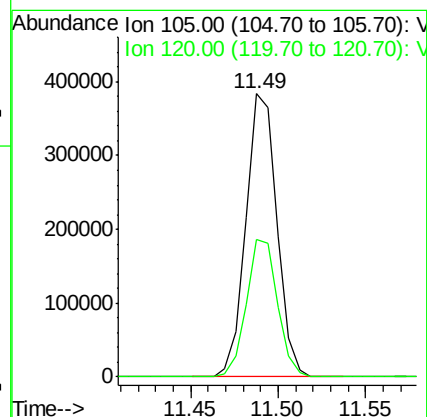
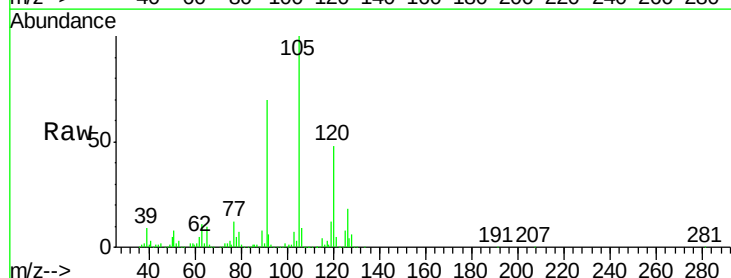
Acq: 11 Jun 2020 10:18

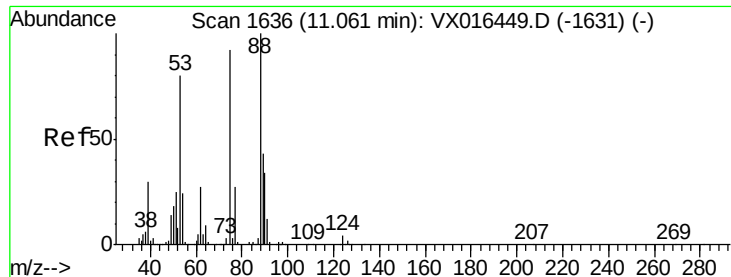
Tgt Ion: 105 Resp: 471697

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





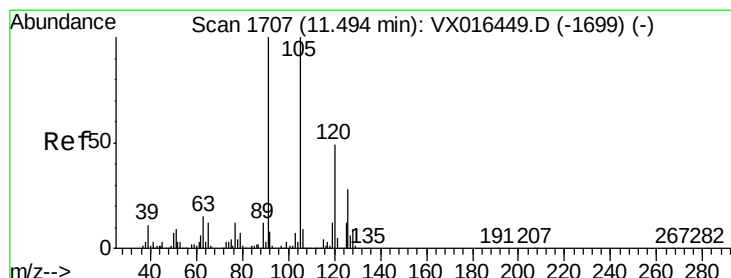
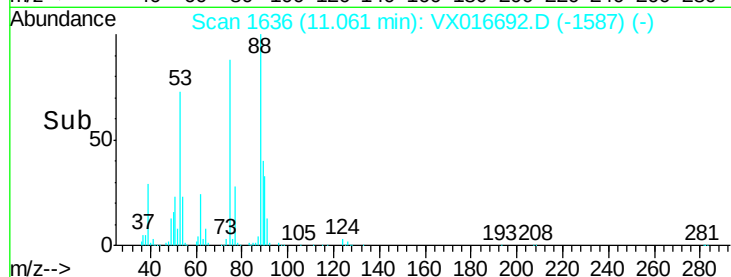
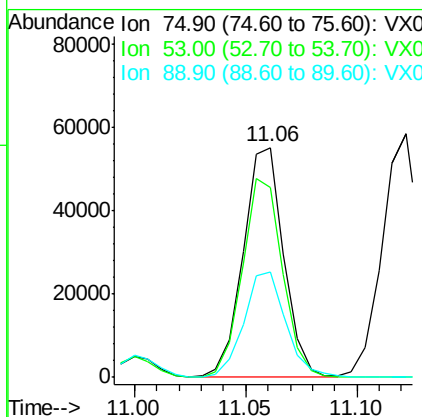
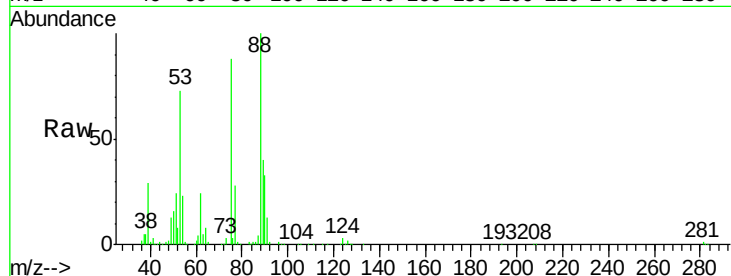
#81
trans-1,4-Dichloro-2-butene
Concen: 48.734 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.6	71.3	106.9
89	47.9	36.6	55.0

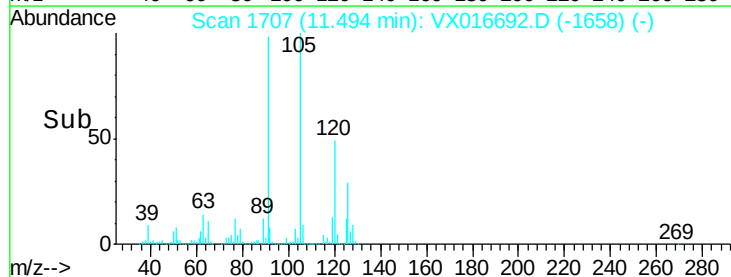
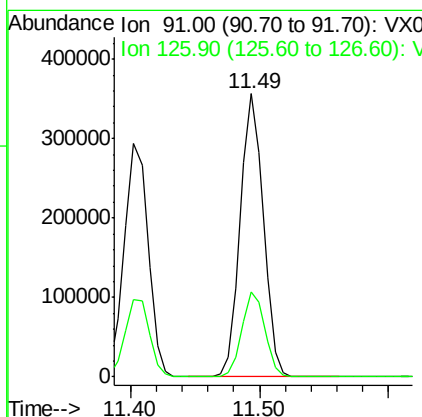
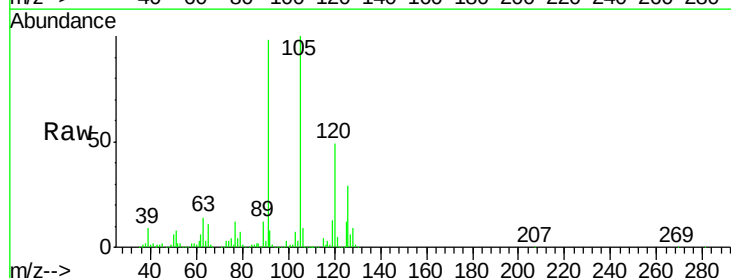
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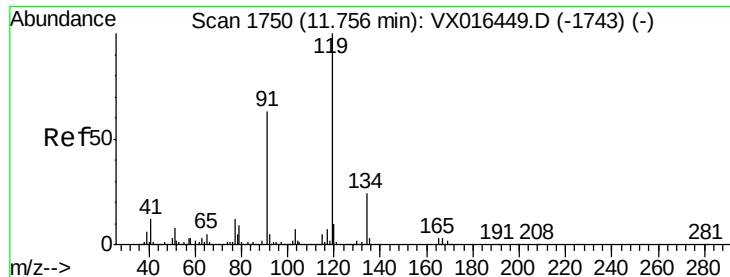
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.830 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.7	44.1





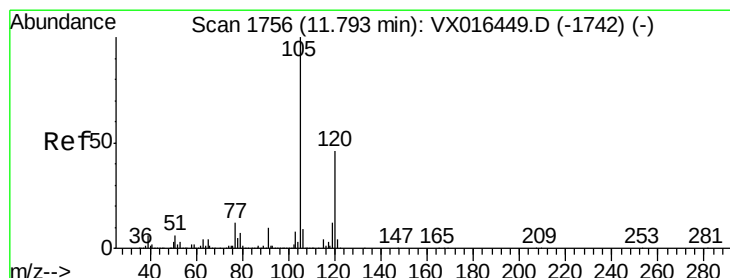
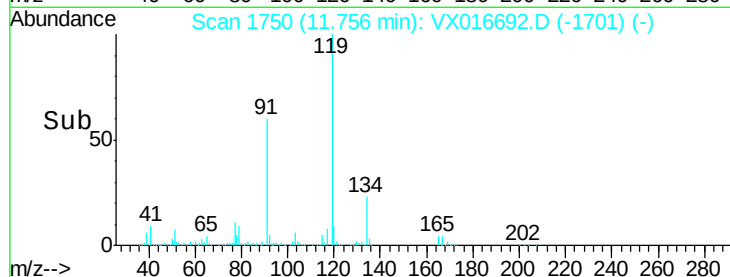
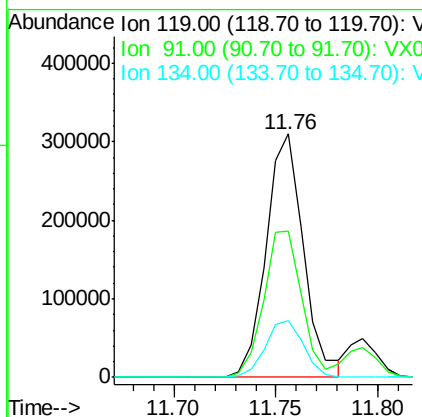
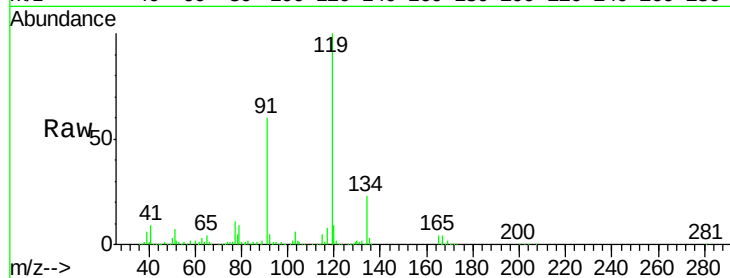
#83
tert-Butylbenzene
Concen: 50.070 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	395010		
91	61.3	31.3	93.8	
134	23.7	12.0	36.0	

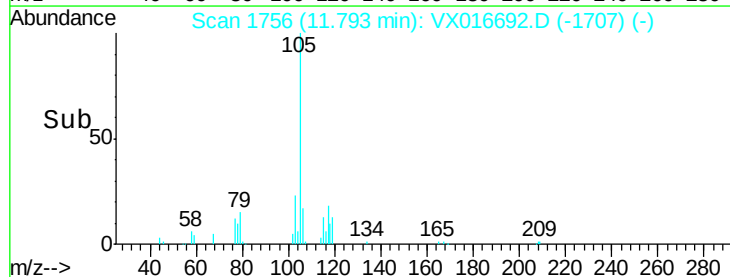
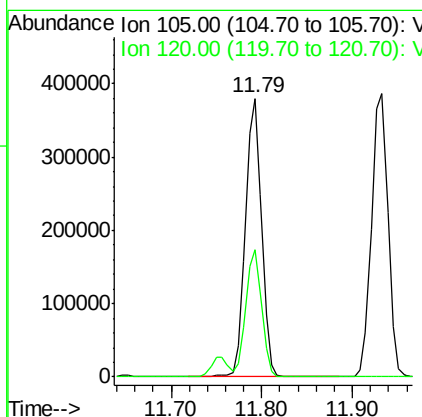
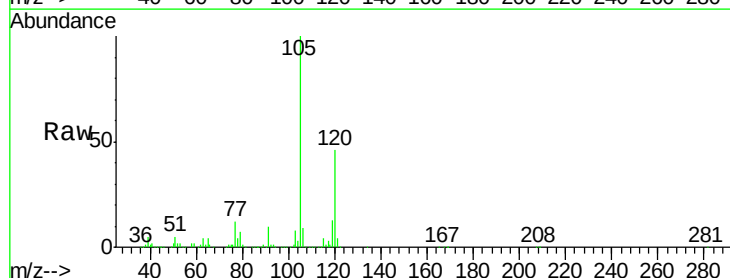
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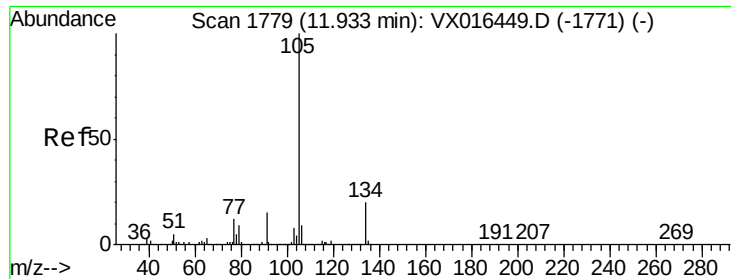
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 50.145 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	468225		
120	44.9	22.6	67.7	





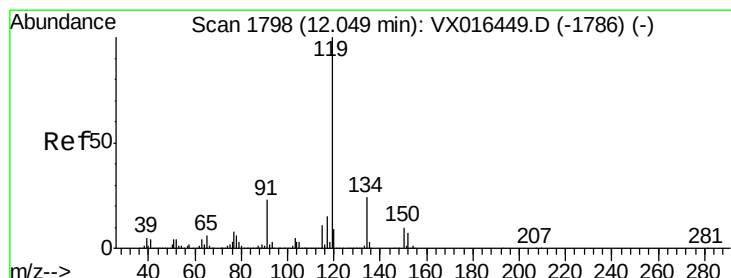
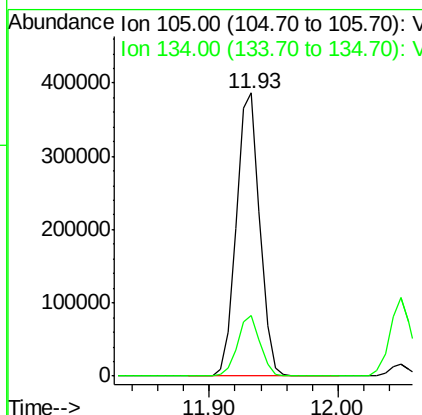
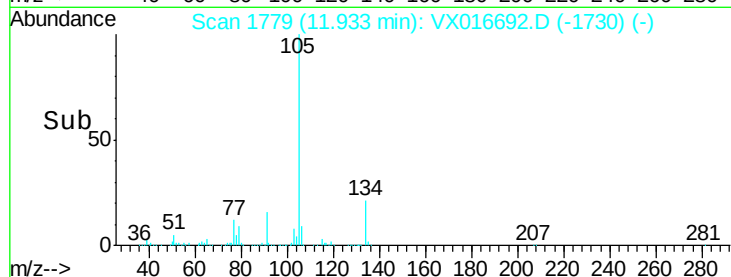
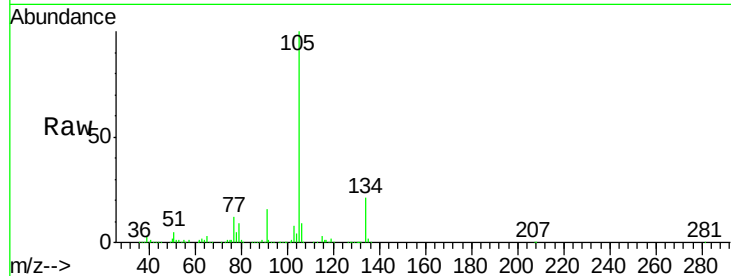
#85
 sec-Butylbenzene
 Concen: 49.249 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016692.D
 Acq: 11 Jun 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.1	30.3

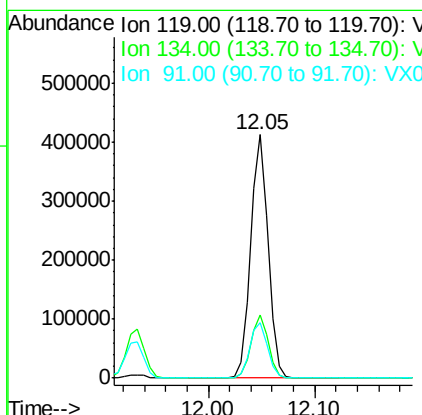
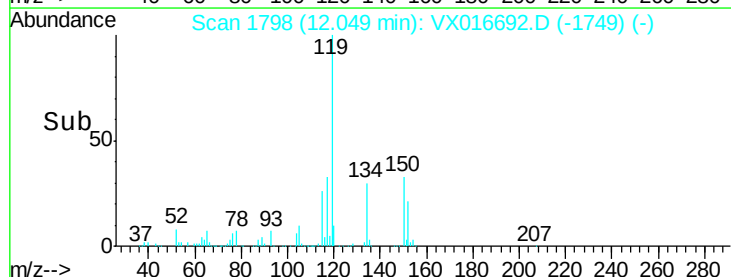
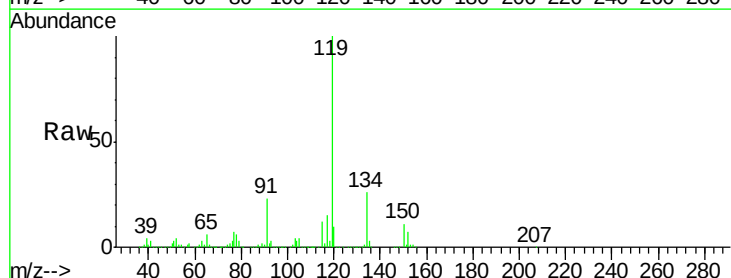
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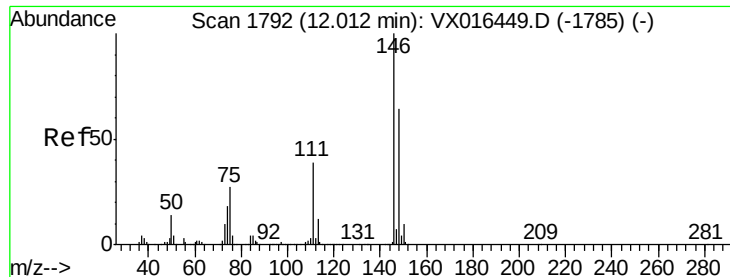
MMDadoda
 6/12/2020 5:45:27 PM



#86
 p-Isopropyltoluene
 Concen: 51.243 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016692.D
 Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.7	38.0
91	23.4	11.7	35.0





#87

1,3-Dichlorobenzene

Concen: 51.358 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016692.D

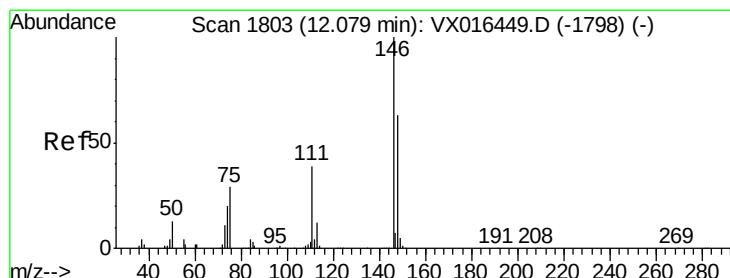
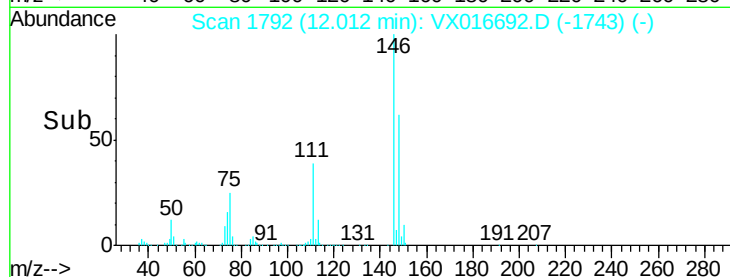
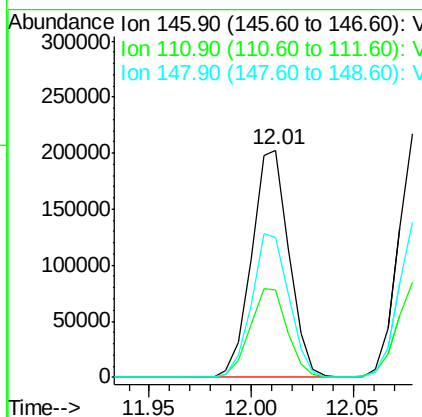
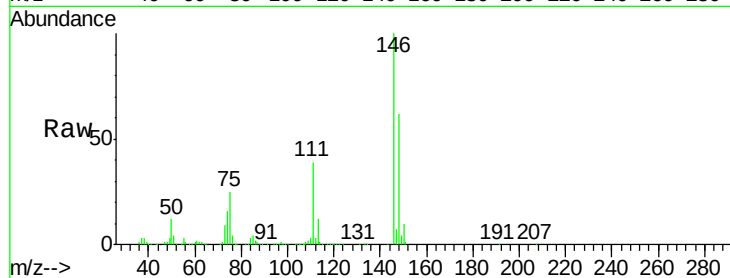
Acq: 11 Jun 2020 10:18

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.0	60.0
148	63.3	31.9	95.5

Manual Integrations
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6/12/2020 5:45:27 PM



#88

1,4-Dichlorobenzene

Concen: 51.221 ug/l

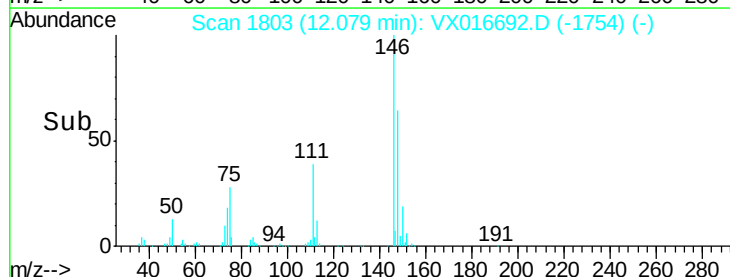
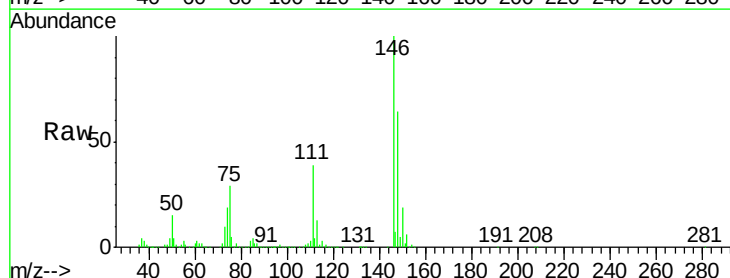
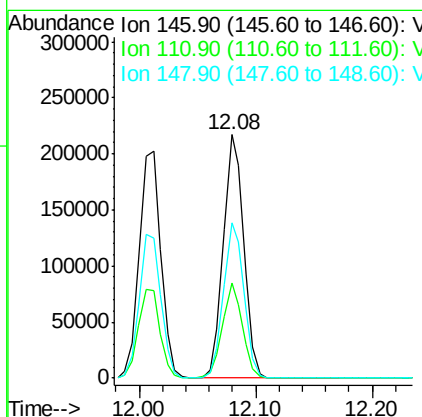
RT: 12.08 min Scan# 1803

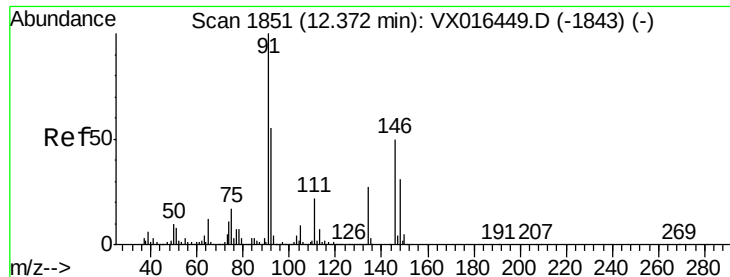
Delta R.T. -0.00 min

Lab File: VX016692.D

Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.4	58.2
148	63.6	31.4	94.3





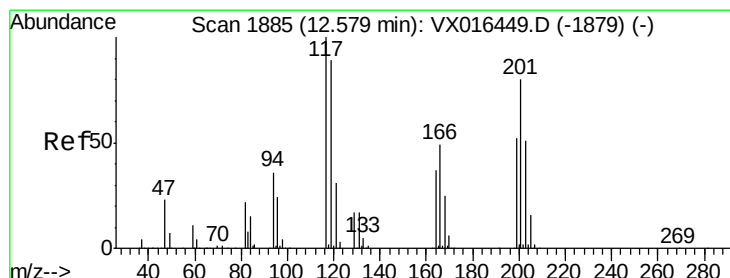
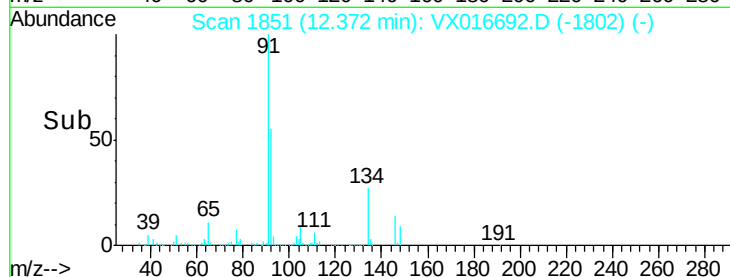
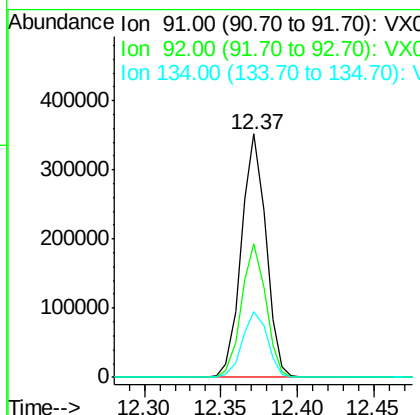
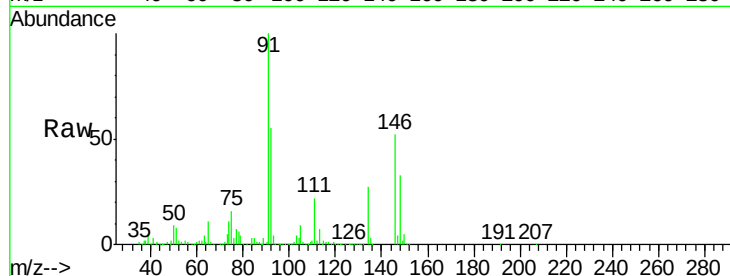
#89
n-Butylbenzene
Concen: 50.833 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.1	27.2	81.5	
134	27.6	13.1	39.3	

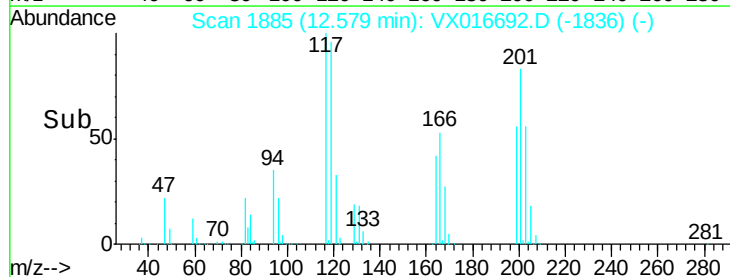
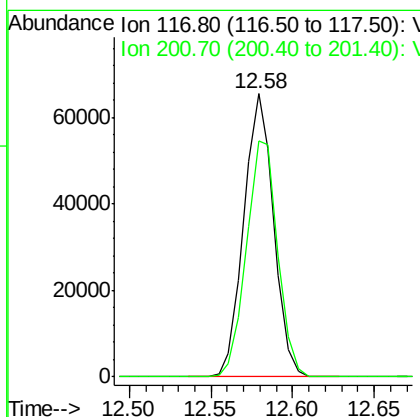
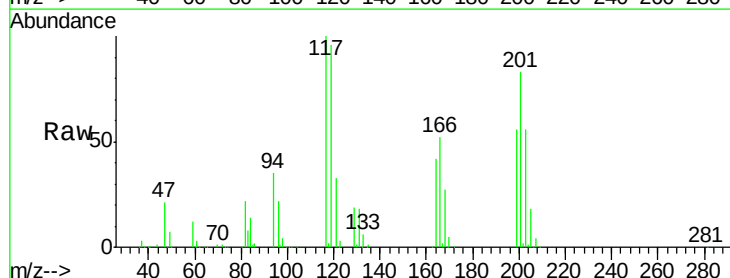
Manual Integrations
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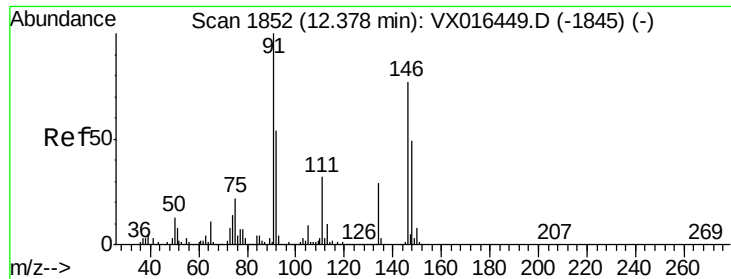
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#90
Hexachloroethane
Concen: 52.123 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	87.3	43.1	129.3	





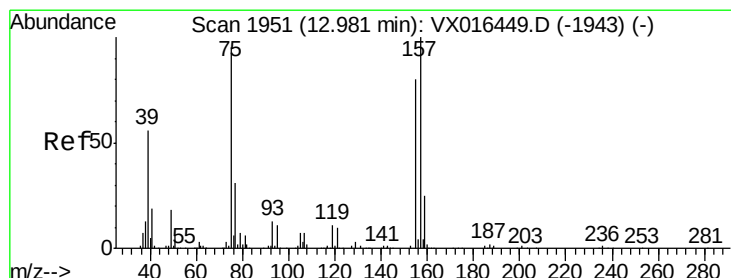
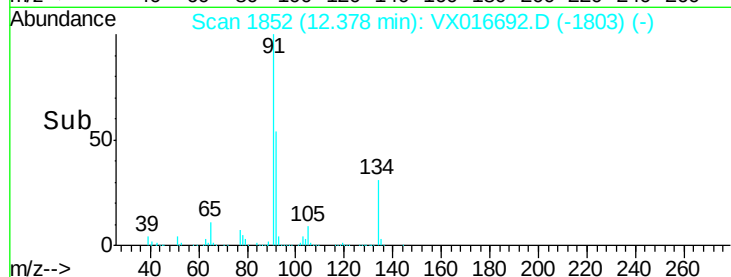
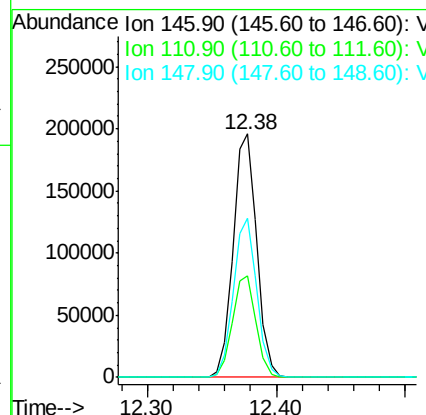
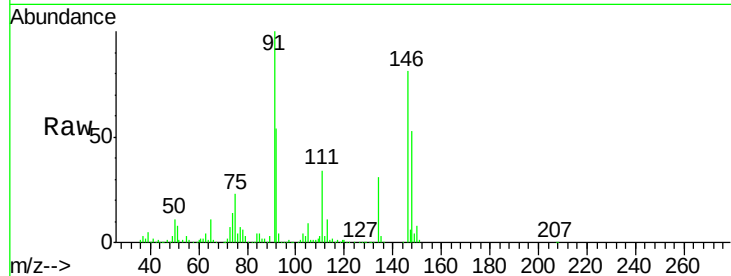
#91
 1,2-Dichlorobenzene
 Concen: 51.728 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016692.D
 Acq: 11 Jun 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.4	64.3
148	64.4	31.9	95.7

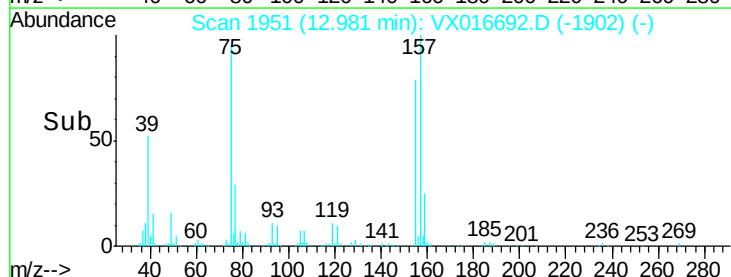
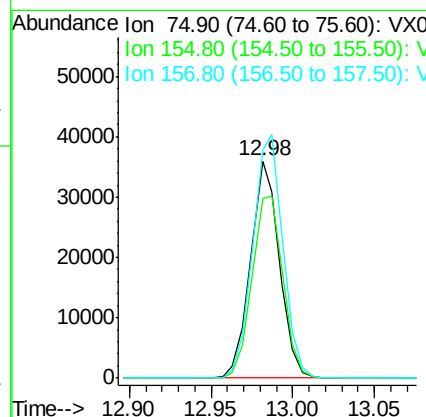
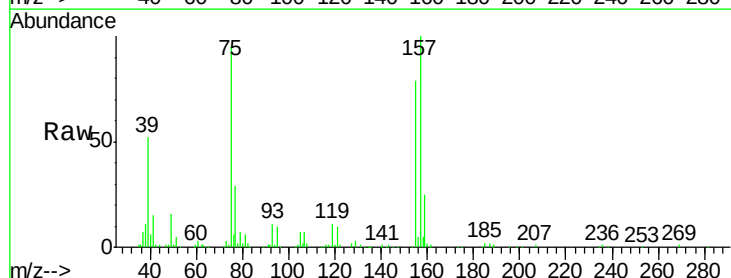
Manual Integrations
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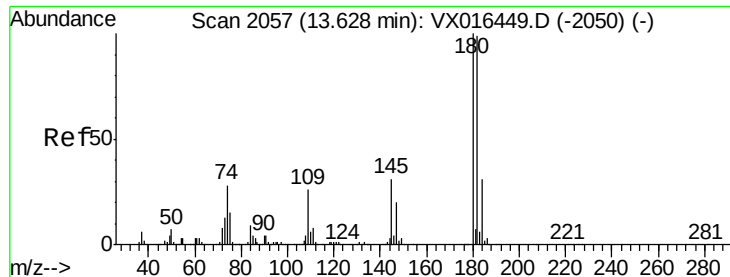
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.437 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016692.D
 Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.8	44.1	132.4
157	116.5	57.8	173.3





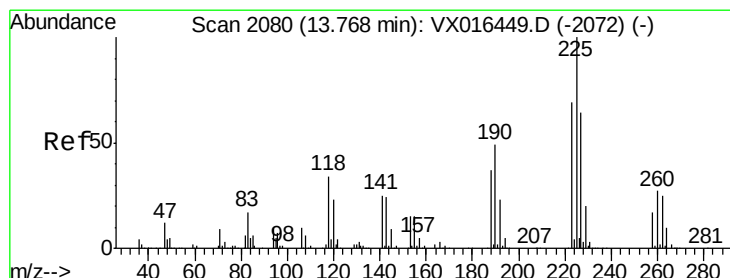
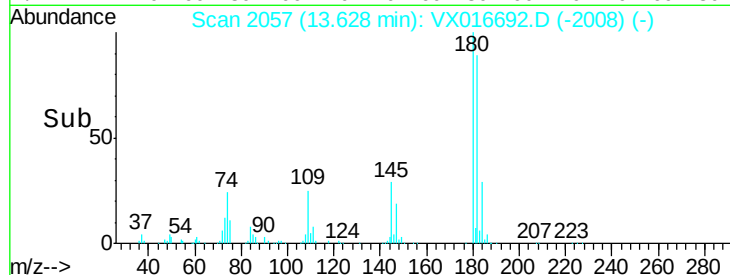
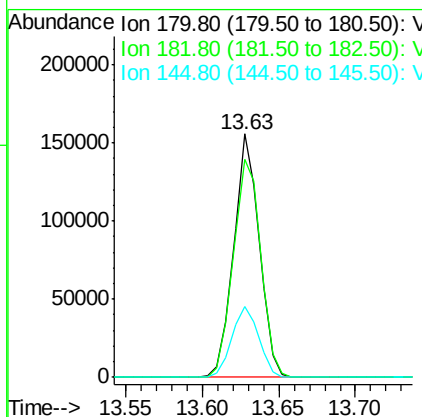
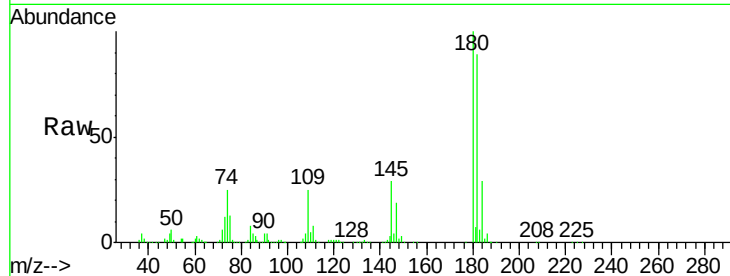
#93
 1,2,4-Trichlorobenzene
 Concen: 55.613 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016692.D
 Acq: 11 Jun 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	179796		
182	96.5	48.3	144.8	
145	30.7	15.4	46.2	

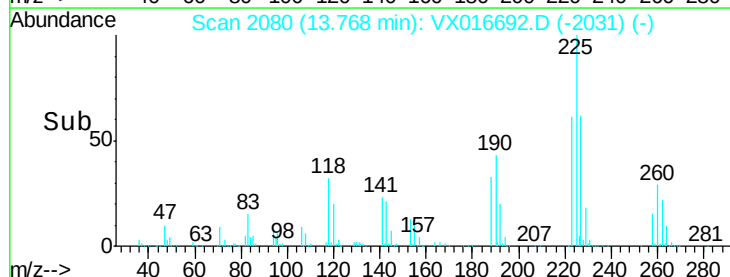
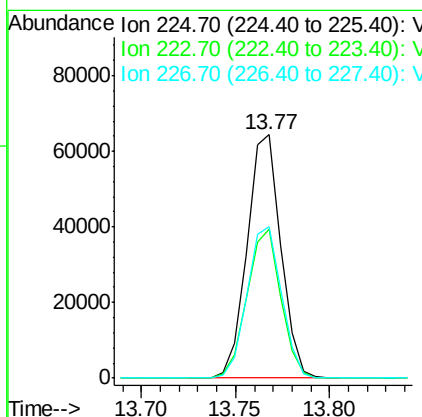
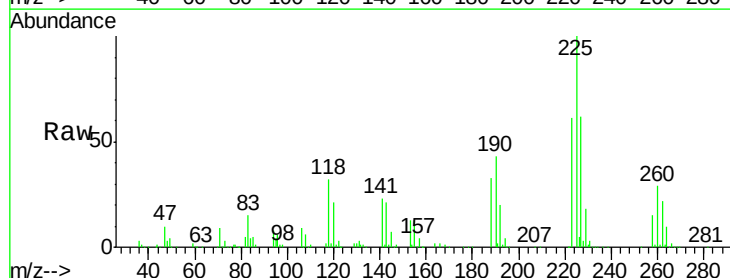
Manual Integrations
 APPROVED

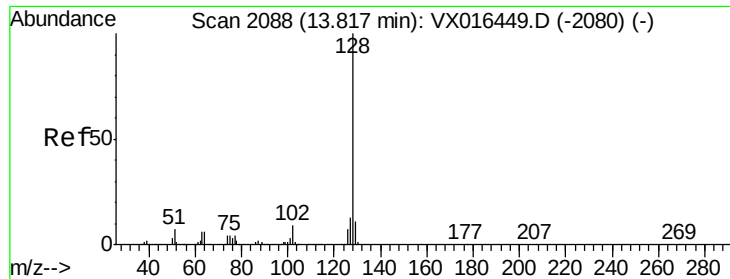
MMDadoda
 6/12/2020 5:45:27 PM



#94
 Hexachlorobutadiene
 Concen: 62.894 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016692.D
 Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79835		
223	61.3	32.3	96.8	
227	63.3	31.6	94.7	





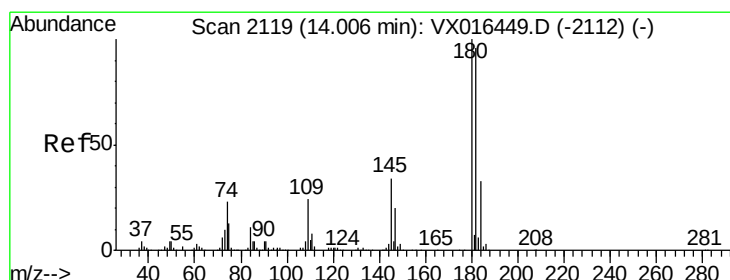
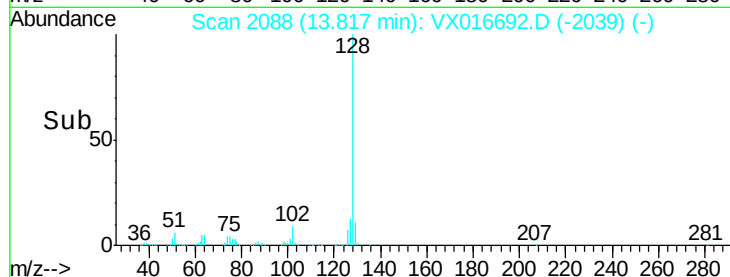
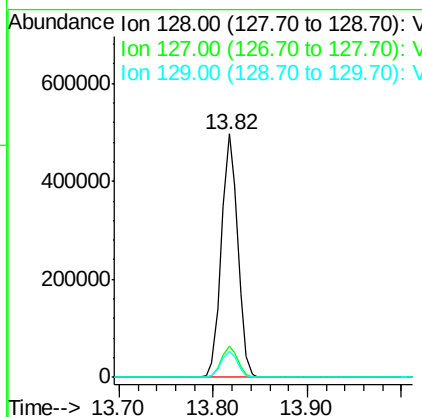
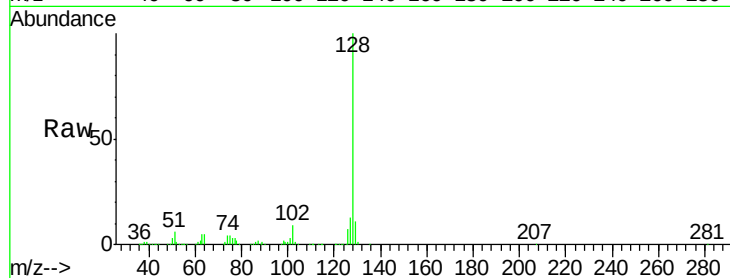
#95
Naphthalene
Concen: 53.993 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:45:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 57.183 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016692.D
Acq: 11 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.6	145.8
145	32.5	16.6	49.8

