

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061220\
 Data File : VX016743.D
 Acq On : 12 Jun 2020 20:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 11:10:07 AM

Quant Time: Jun 13 06:38:37 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	5.63	168	228497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	342987	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	328203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	177131	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	135121	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	5.47	113	112178	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	8.70	98	412560	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.12	95	164257	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	96914	43.099	ug/l	97
3) Chloromethane	1.31	50	101834	37.475	ug/l	100
4) Vinyl Chloride	1.39	62	122966	42.789	ug/l	100
5) Bromomethane	1.62	94	66974	47.932	ug/l	99
6) Chloroethane	1.70	64	79901	47.664	ug/l	98
7) Trichlorofluoromethane	1.91	101	207430	54.962	ug/l	97
8) Diethyl Ether	2.17	74	78107	49.633	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	111586	53.722	ug/l	96
10) Methyl Iodide	2.49	142	112477	45.610	ug/l	99
11) Tert butyl alcohol	3.03	59	169489	232.924	ug/l	100
12) 1,1-Dichloroethene	2.35	96	110845	50.415	ug/l	98
13) Acrolein	2.27	56	80144	258.916	ug/l	98
14) Allyl chloride	2.70	41	174266	43.099	ug/l	96
15) Acrylonitrile	3.12	53	356790	239.366	ug/l	99
16) Acetone	2.42	43	300352	241.589	ug/l	99
17) Carbon Disulfide	2.54	76	274546	42.049	ug/l	98
18) Methyl Acetate	2.75	43	176385	55.316	ug/l	94
19) Methyl tert-butyl Ether	3.17	73	405327	51.340	ug/l	96
20) Methylene Chloride	2.83	84	124204	48.287	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	118111	48.567	ug/l	91
22) Diisopropyl ether	3.82	45	349193	44.955	ug/l	96
23) Vinyl Acetate	3.78	43	1502925	221.053	ug/l	97
24) 1,1-Dichloroethane	3.67	63	210015	47.904	ug/l	100
25) 2-Butanone	4.64	43	479682	227.703	ug/l	96
26) 2,2-Dichloropropane	4.54	77	168392	46.939	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	137622	48.916	ug/l	96
28) Bromochloromethane	4.98	49	83202	40.839	ug/l	# 82
29) Tetrahydrofuran	5.09	42	308660	226.794	ug/l	93
30) Chloroform	5.18	83	228348	51.692	ug/l	98
31) Cyclohexane	5.55	56	168224	42.652	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	212042	53.020	ug/l	98
36) 1,1-Dichloropropene	5.77	75	160955	49.564	ug/l	97
37) Ethyl Acetate	4.79	43	174486	44.754	ug/l	97
38) Carbon Tetrachloride	5.75	117	191415	56.089	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	175299	49.698	ug/l	99
40) Benzene	6.11	78	484622	50.112	ug/l	98
41) Methacrylonitrile	5.01	41	97276	45.423	ug/l	95
42) 1,2-Dichloroethane	6.16	62	178412	51.877	ug/l	100
43) Isopropyl Acetate	6.41	43	282538	46.459	ug/l	96
44) Trichloroethene	7.19	130	148419	48.372	ug/l	95
45) 1,2-Dichloropropane	7.49	63	122279	49.668	ug/l	99
46) Dibromomethane	7.64	93	87458	52.889	ug/l	96
47) Bromodichloromethane	7.88	83	188603	55.084	ug/l	100
48) Methyl methacrylate	7.74	41	138749	47.650	ug/l	94
49) 1,4-Dioxane	7.71	88	63483	931.606	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	924833	244.232	ug/l	97
52) Toluene	8.77	92	318820	52.280	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	206798	53.115	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	213542	51.818	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	133729	55.153	ug/l	96
56) Ethyl methacrylate	9.16	69	205845	52.127	ug/l	96
57) 1,3-Dichloropropane	9.35	76	219628	52.772	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	488990	237.239	ug/l	95
59) 2-Hexanone	9.48	43	720883	244.803	ug/l	97
60) Dibromochloromethane	9.57	129	160390	58.780	ug/l	100
61) 1,2-Dibromoethane	9.65	107	145363	55.985	ug/l	98
64) Tetrachloroethene	9.32	164	152252	41.464	ug/l	96
65) Chlorobenzene	10.12	112	354446	52.972	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	143827	56.310	ug/l	98
67) Ethyl Benzene	10.24	91	613407	51.490	ug/l	100
68) m/p-Xylenes	10.34	106	469251	106.237	ug/l	99
69) o-Xylene	10.68	106	229136	53.565	ug/l	97
70) Styrene	10.70	104	409050	55.632	ug/l	99
71) Bromoform	10.84	173	130412	60.414	ug/l	98
73) Isopropylbenzene	11.00	105	614309	50.053	ug/l	99
74) N-amyl acetate	10.88	43	234745	41.583	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	187774	61.047	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	190619m	48.959	ug/l	
77) Bromobenzene	11.24	156	163183	50.694	ug/l	94
78) n-propylbenzene	11.34	91	683007	49.812	ug/l	99
79) 2-Chlorotoluene	11.40	91	415905	49.693	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	526524	51.379	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	70589	44.598	ug/l	98
82) 4-Chlorotoluene	11.49	91	494091	49.991	ug/l	98
83) tert-Butylbenzene	11.76	119	495747	56.616	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	535136	51.635	ug/l	99
85) sec-Butylbenzene	11.93	105	576014	52.439	ug/l	99
86) p-Isopropyltoluene	12.05	119	556119	54.047	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	295460	52.980	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	290007	50.845	ug/l	97
89) n-Butylbenzene	12.37	91	457194	53.345	ug/l	99
90) Hexachloroethane	12.58	117	98800	55.590	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	287319	53.177	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51226	51.416	ug/l	96

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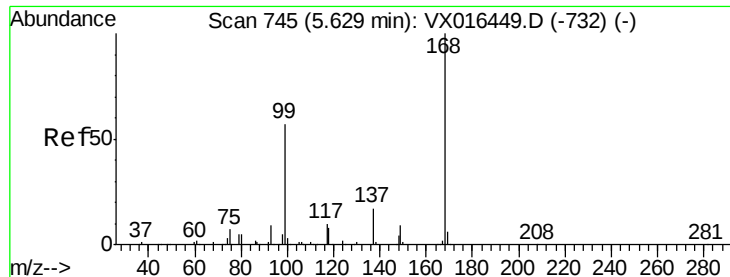
Manual Integrations
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6/15/2020 11:10:07 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	205668	57.315	ug/l	97
94) Hexachlorobutadiene	13.77	225	84919	60.274	ug/l	97
95) Naphthalene	13.82	128	661051	53.738	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	202981	57.738	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 228497

Ion Ratio Lower Upper

168 100

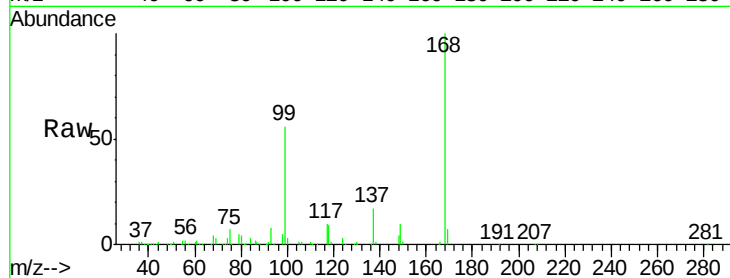
99 56.2 45.2 67.8

Manual Integrations

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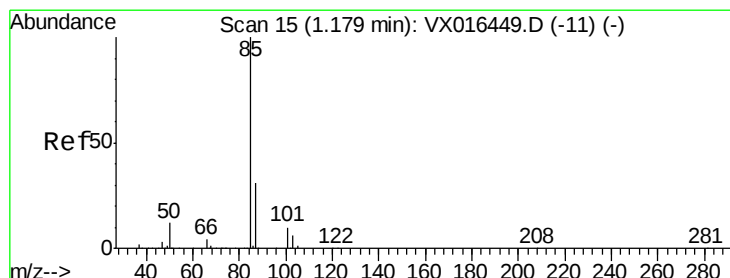
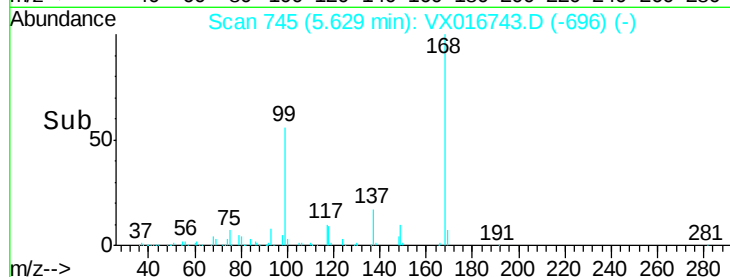
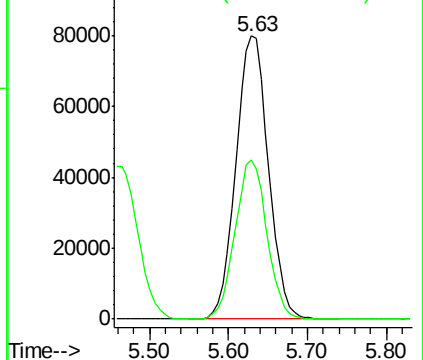
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.099 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX016743.D

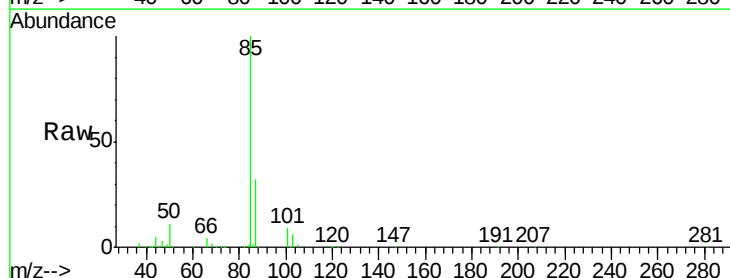
Acq: 12 Jun 2020 20:50

Tgt Ion: 85 Resp: 96914

Ion Ratio Lower Upper

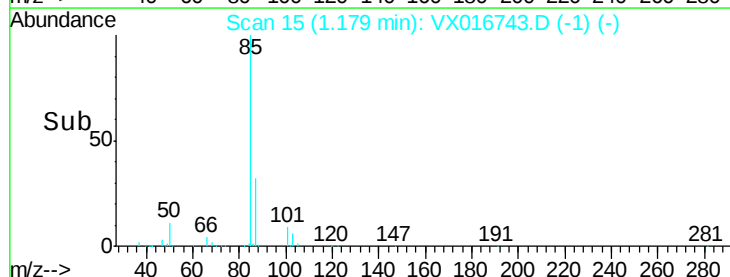
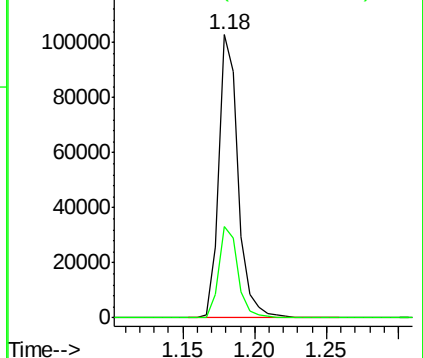
85 100

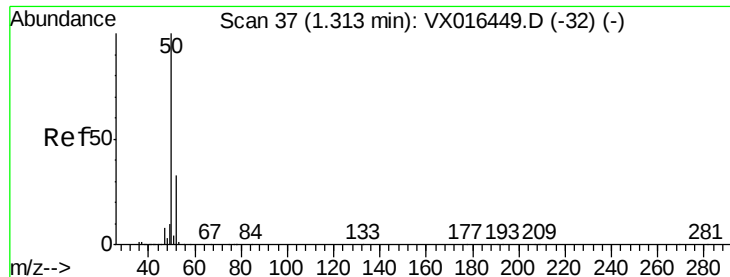
87 32.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 37.475 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 101834

Ion Ratio Lower Upper

50 100

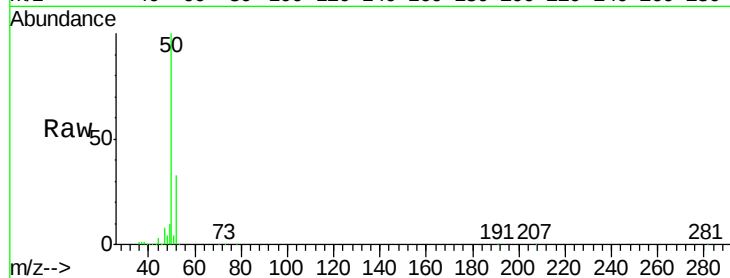
52 32.9 26.2 39.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

120000

100000

80000

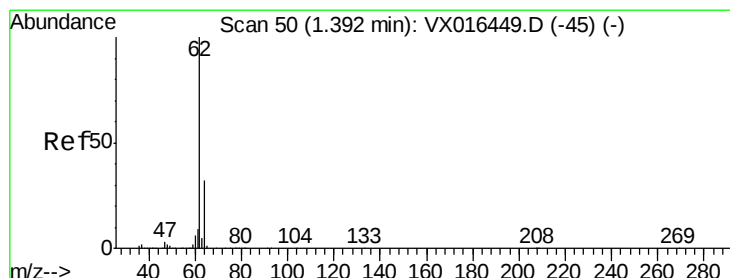
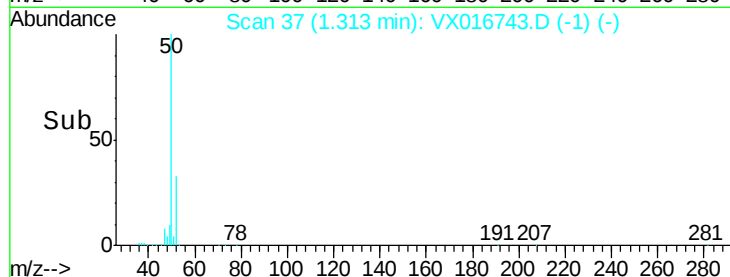
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 42.789 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016743.D

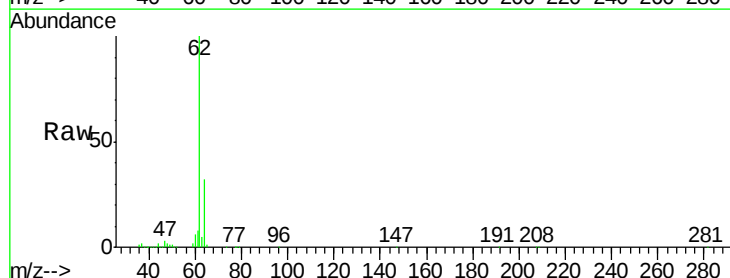
Acq: 12 Jun 2020 20:50

Tgt Ion: 62 Resp: 122966

Ion Ratio Lower Upper

62 100

64 32.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

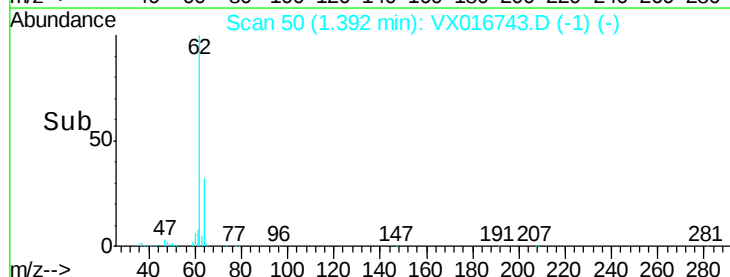
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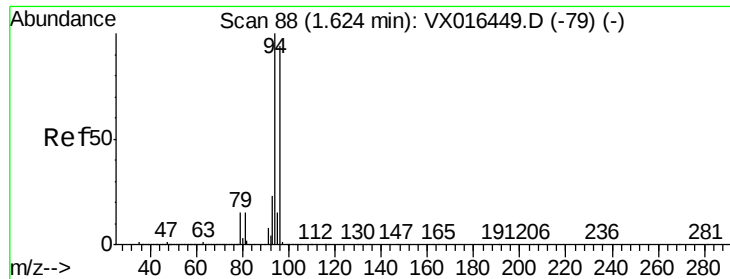
100000

50000

0

Time-->





#5

Bromomethane

Concen: 47.932 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 66974

Ion Ratio Lower Upper

94 100

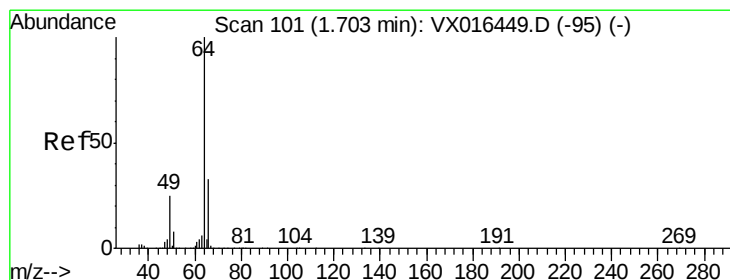
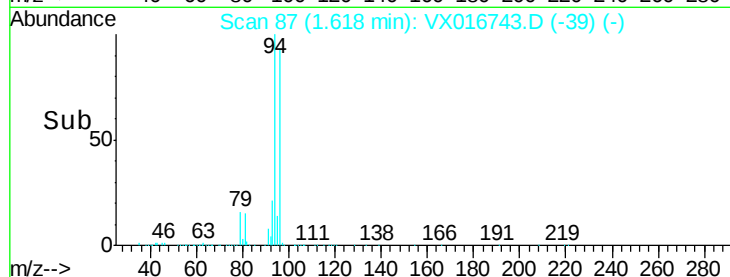
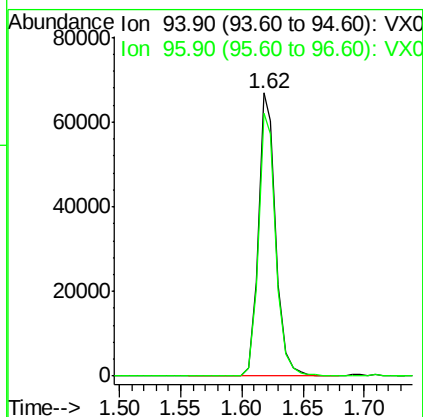
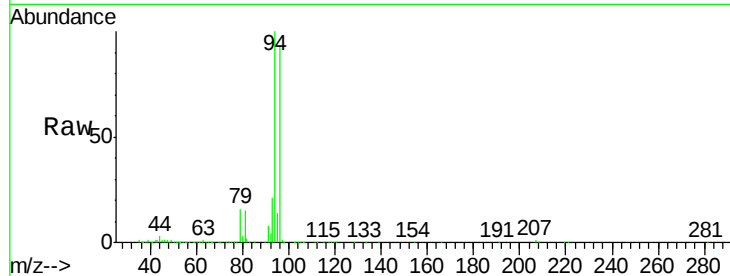
96 92.6 75.1 112.7

Manual Integrations

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#6

Chloroethane

Concen: 47.664 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX016743.D

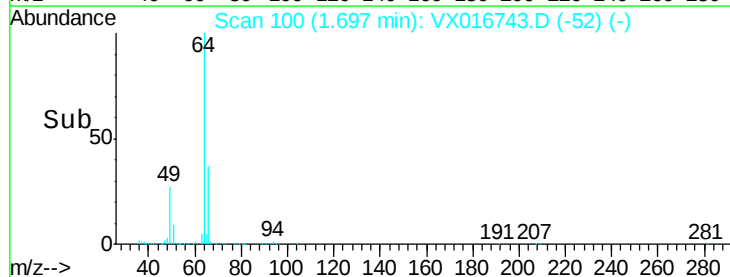
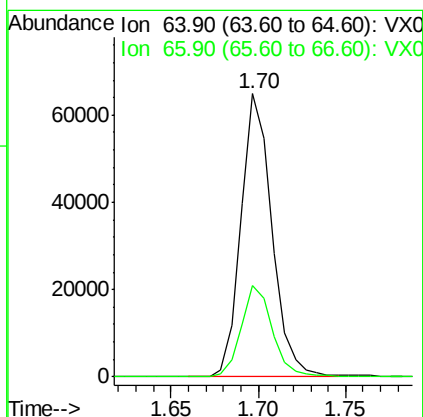
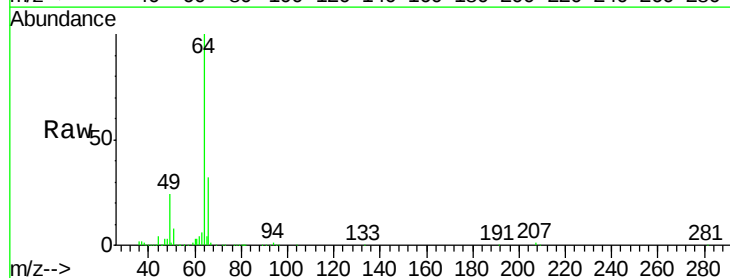
Acq: 12 Jun 2020 20:50

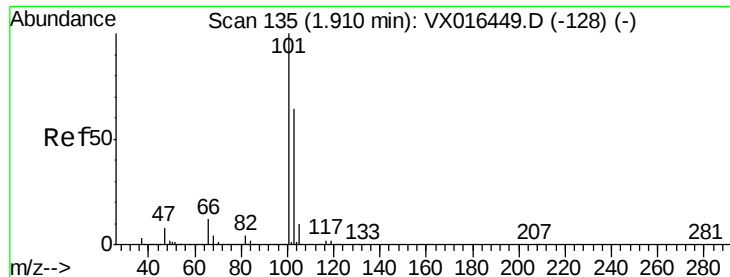
Tgt Ion: 64 Resp: 79901

Ion Ratio Lower Upper

64 100

66 32.3 26.7 40.1





#7

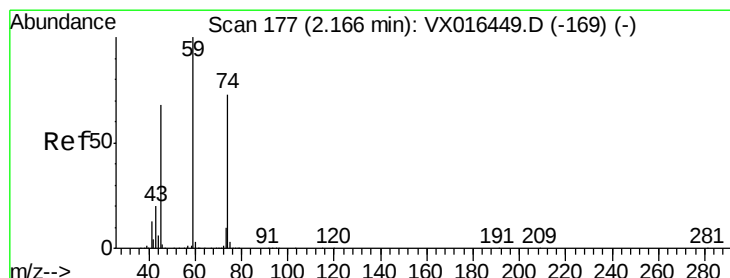
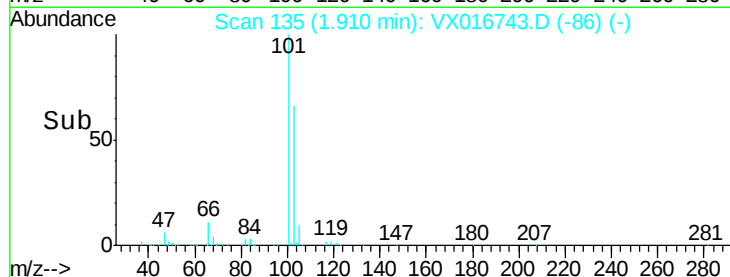
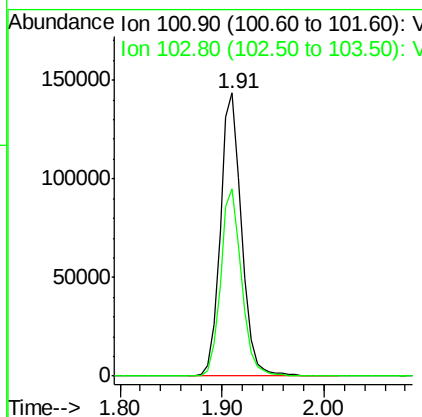
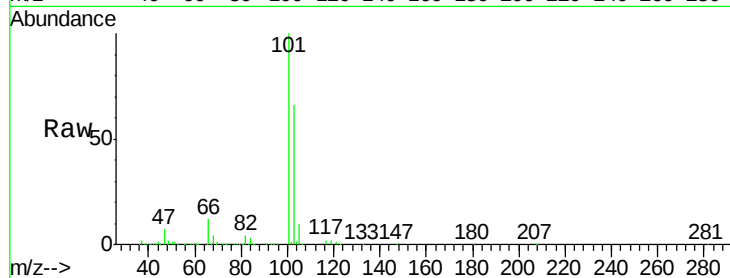
Trichlorofluoromethane
Concen: 54.962 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

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VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.1	50.9	76.3

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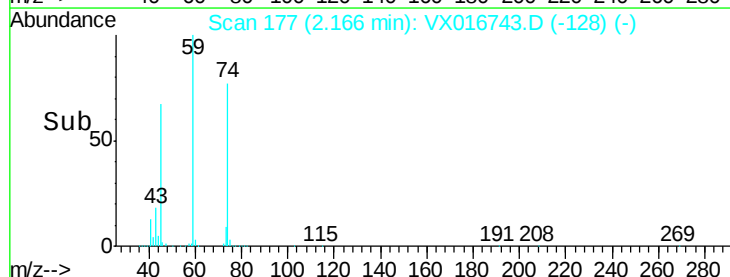
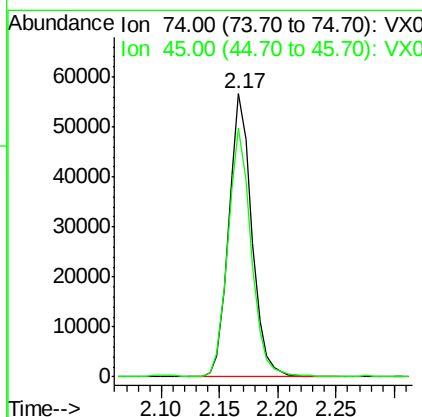
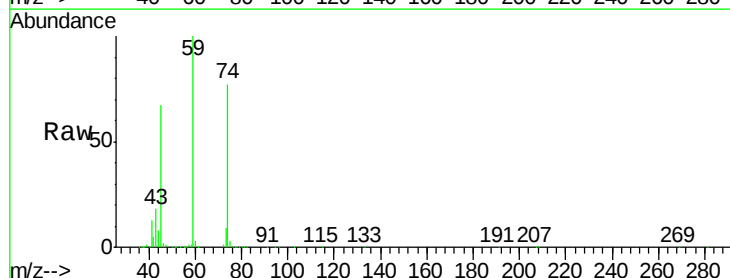
MMDadoda
6/15/2020 11:10:07 AM



#8

Diethyl Ether
Concen: 49.633 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.0	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.722 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Instrument :

MSVOA_X

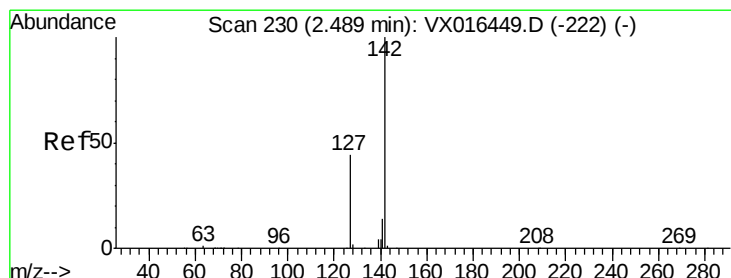
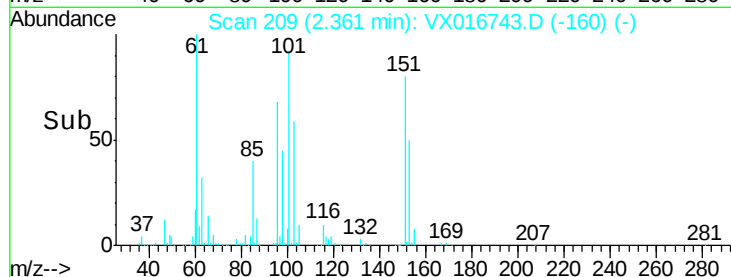
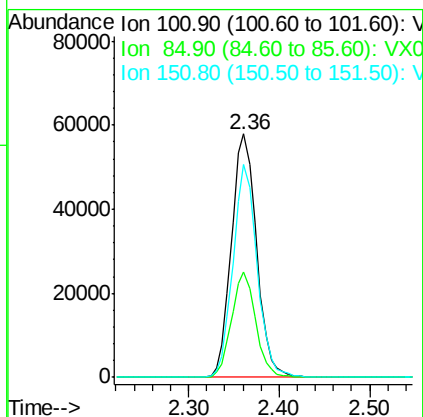
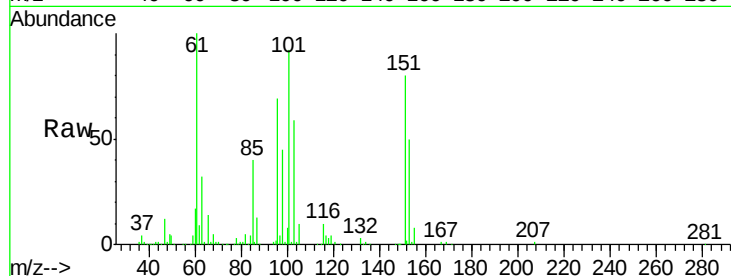
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	111586
Ion Ratio	Lower	Upper	
101	100		
85	41.5	34.4	51.6
151	83.9	63.8	95.6

Manual Integrations
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6/15/2020 11:10:07 AM



#10

Methyl Iodide

Concen: 45.610 ug/l

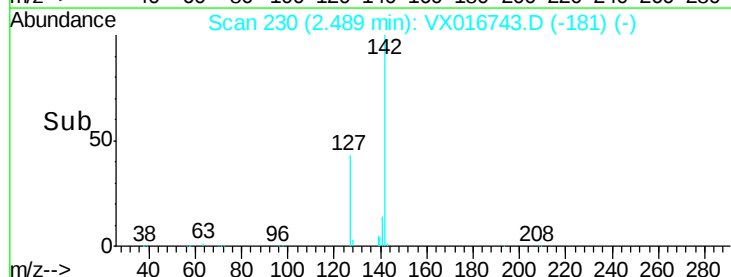
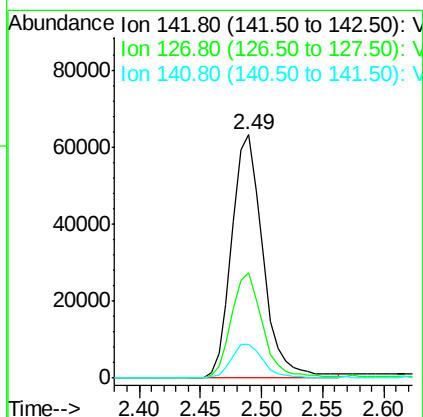
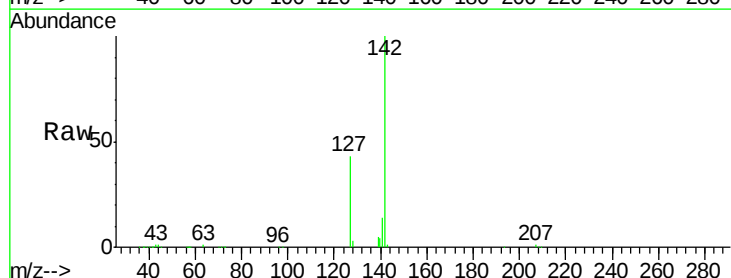
RT: 2.49 min Scan# 230

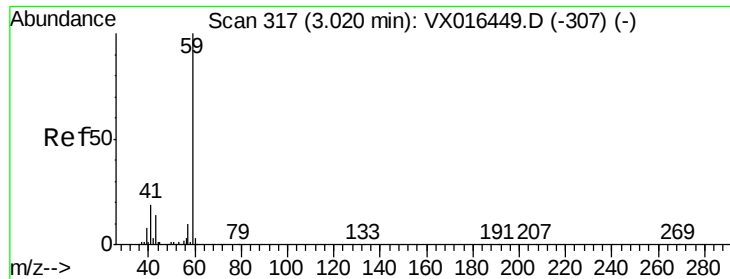
Delta R.T. 0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Tgt Ion:	142	Resp:	112477
Ion Ratio	Lower	Upper	
142	100		
127	43.6	35.3	52.9
141	14.6	11.4	17.2





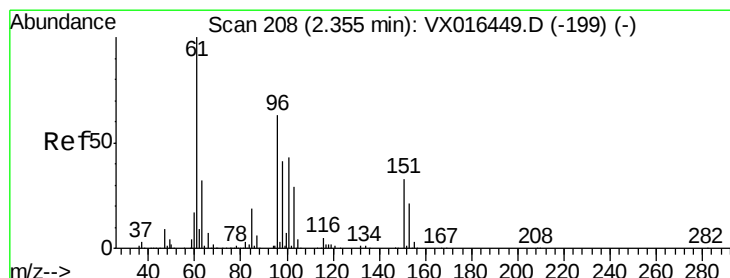
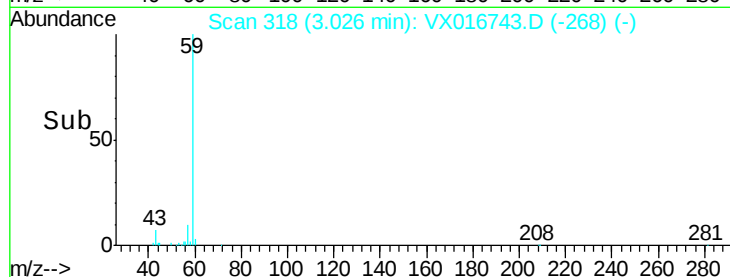
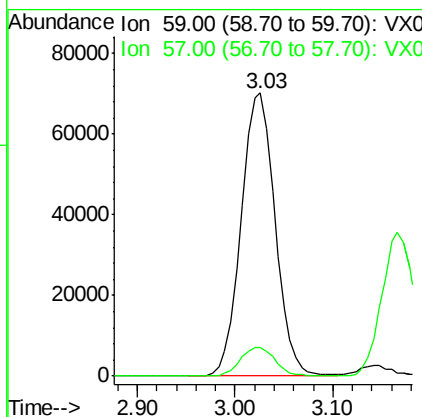
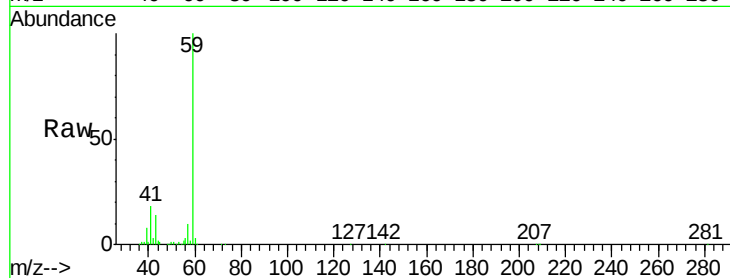
#11
Tert butyl alcohol
Concen: 232.924 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 169489
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

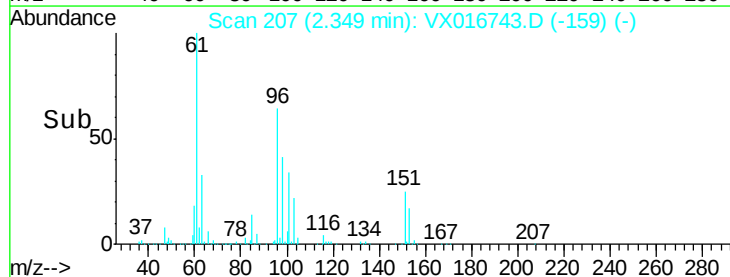
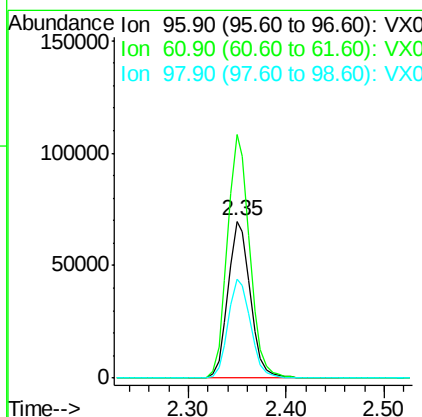
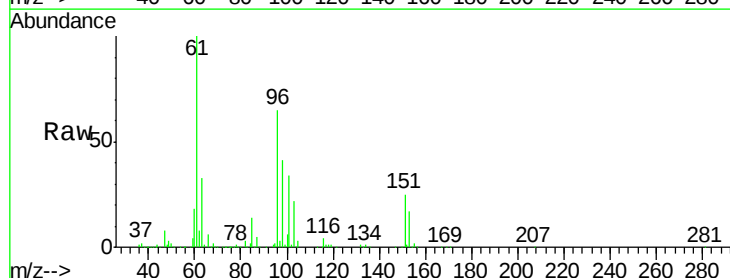
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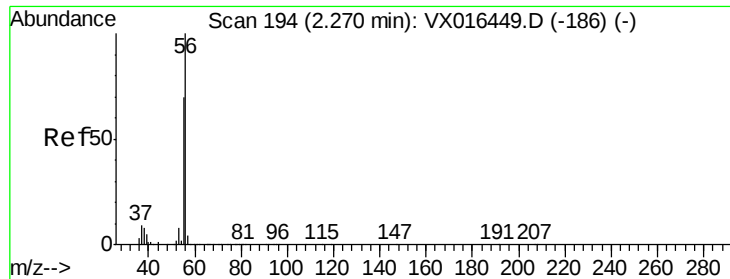
MMDadoda
6/15/2020 11:10:07 AM



#12
1,1-Dichloroethene
Concen: 50.415 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion: 96 Resp: 110845
Ion Ratio Lower Upper
96 100
61 154.9 126.6 189.8
98 63.3 51.3 76.9





#13

Acrolein

Concen: 258.916 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 80144

Ion Ratio Lower Upper

56 100

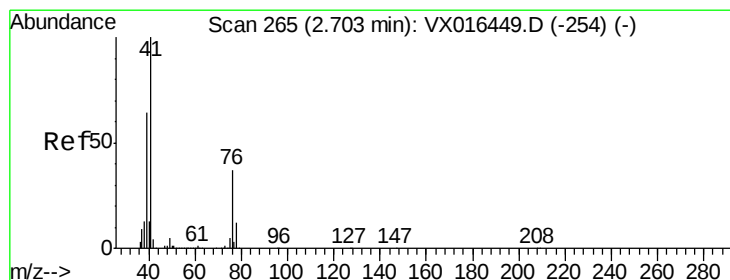
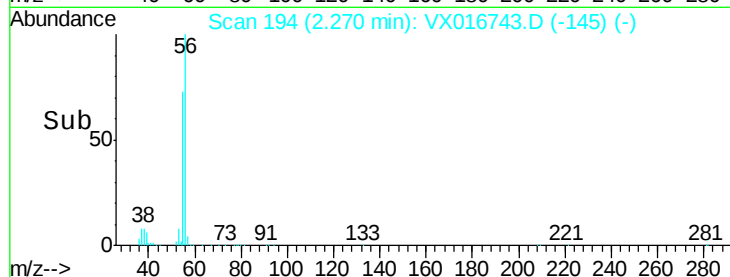
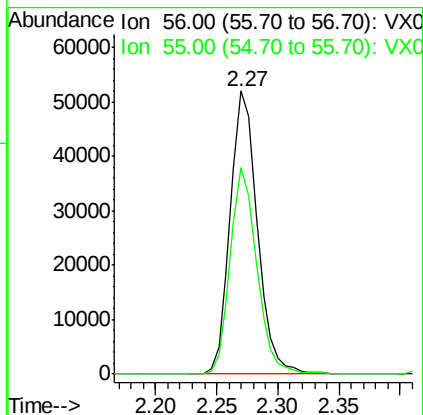
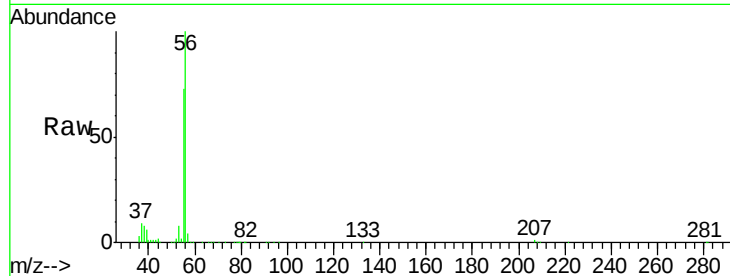
55 71.2 58.3 87.5

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#14

Allyl chloride

Concen: 43.099 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

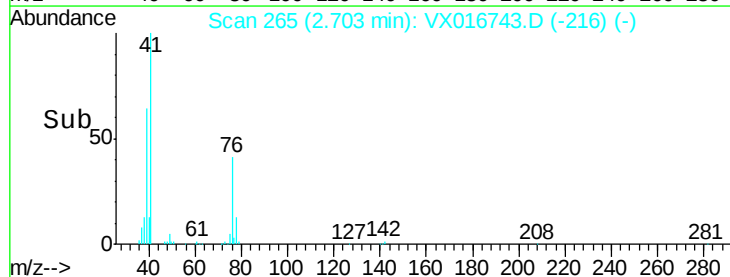
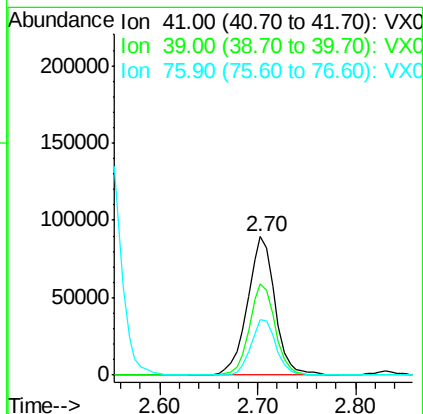
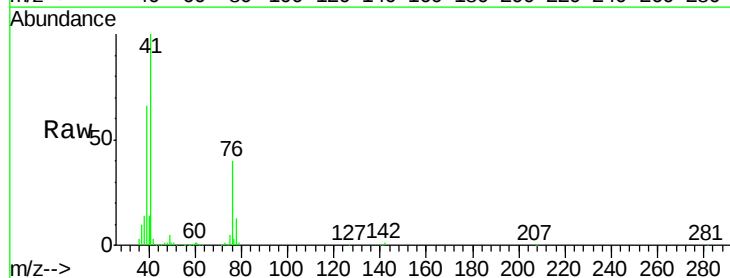
Tgt Ion: 41 Resp: 174266

Ion Ratio Lower Upper

41 100

39 61.4 47.7 71.5

76 36.8 26.6 40.0





#15

Acrylonitrile

Concen: 239.366 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Instrument :

MSVOA_X

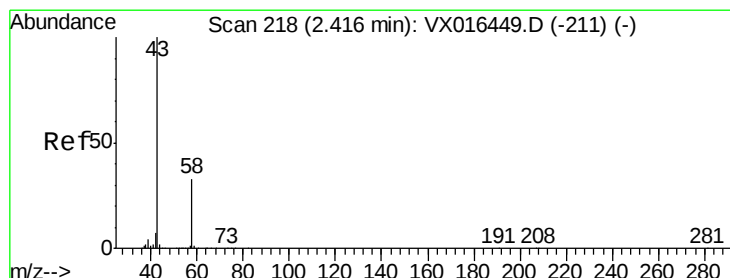
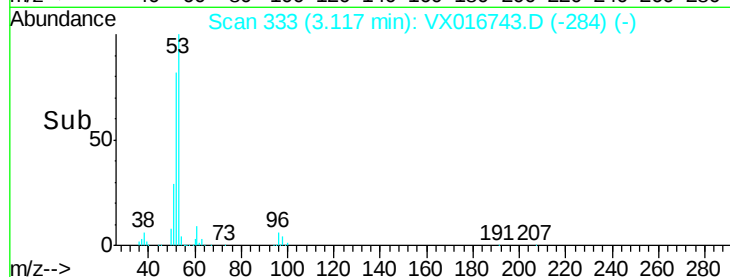
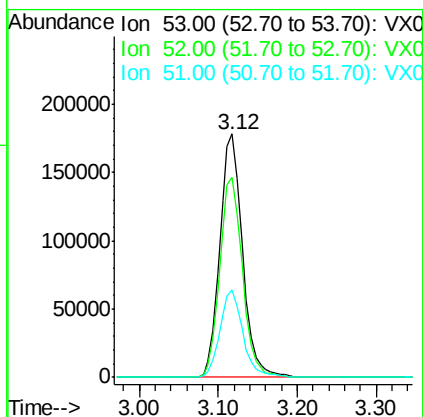
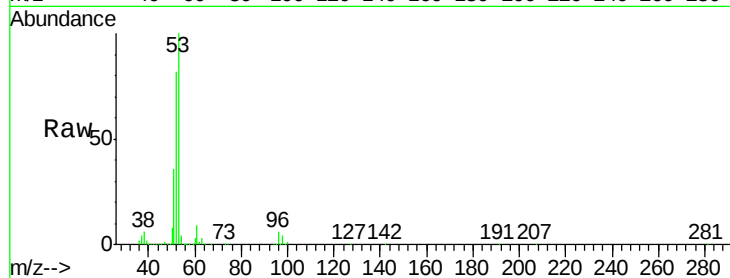
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	356790
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.7	100.1
51	36.3	28.6	43.0

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#16

Acetone

Concen: 241.589 ug/l

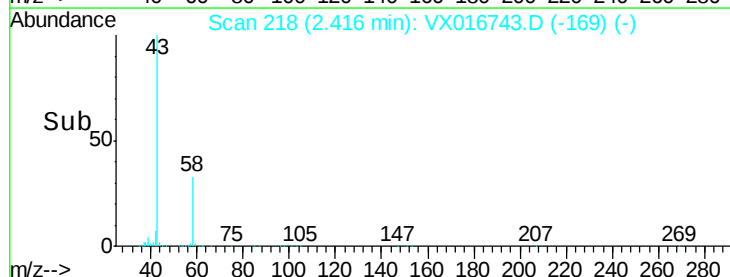
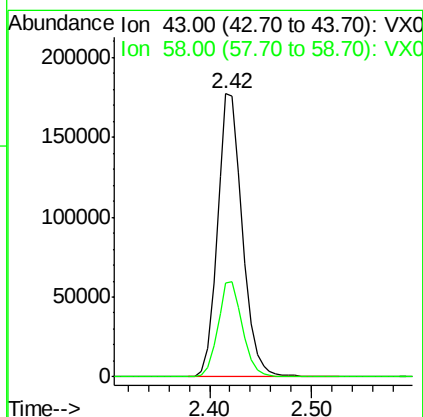
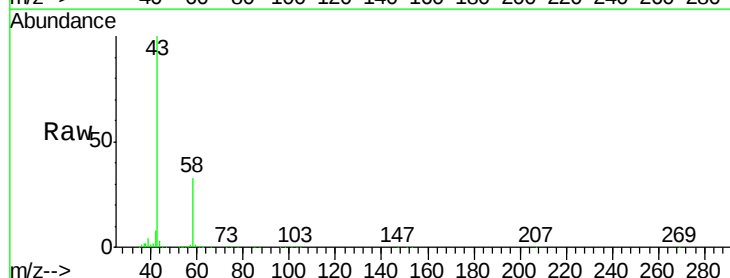
RT: 2.42 min Scan# 218

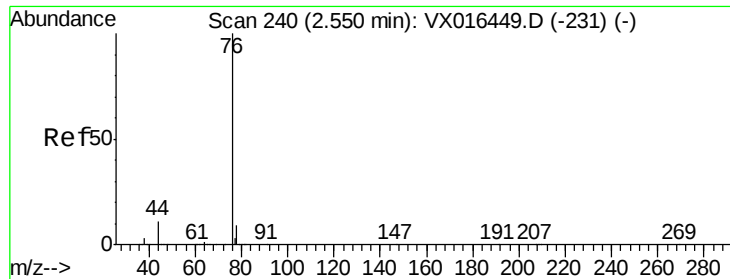
Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Tgt Ion:	43	Resp:	300352
Ion	Ratio	Lower	Upper
43	100		
58	33.1	26.1	39.1





#17

Carbon Disulfide

Concen: 42.049 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 274546

Ion Ratio Lower Upper

76 100

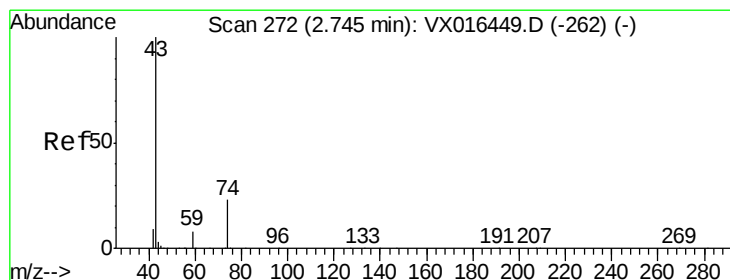
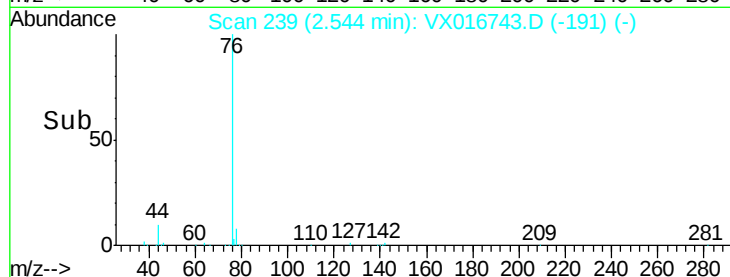
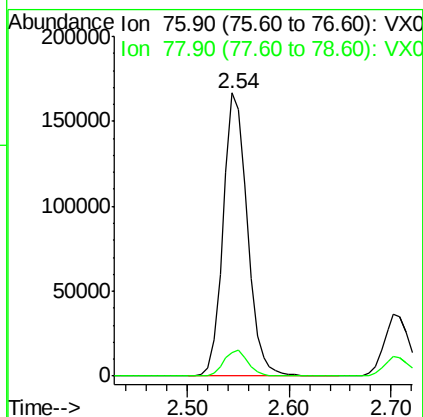
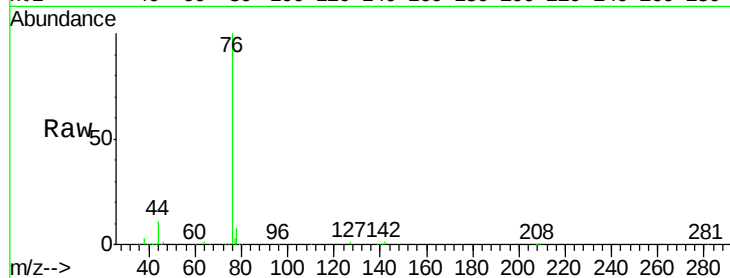
78 8.3 7.4 11.0

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#18

Methyl Acetate

Concen: 55.316 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016743.D

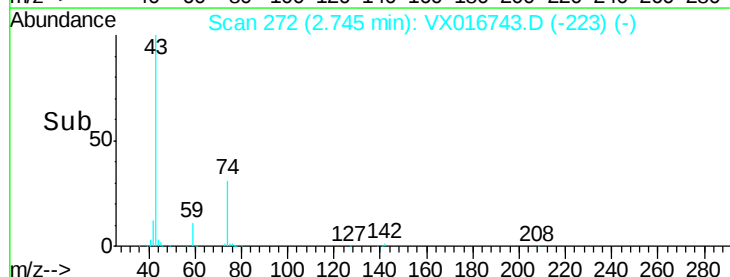
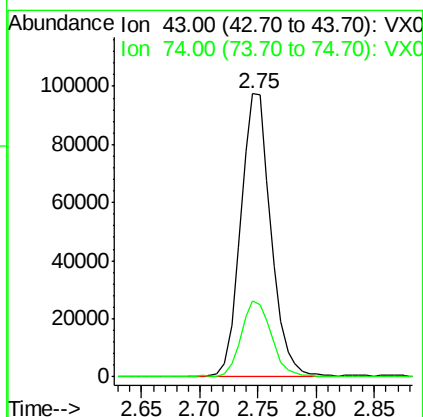
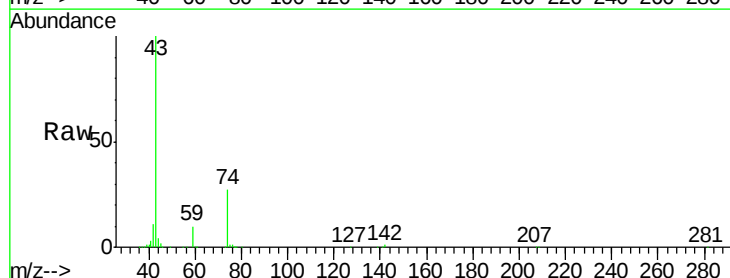
Acq: 12 Jun 2020 20:50

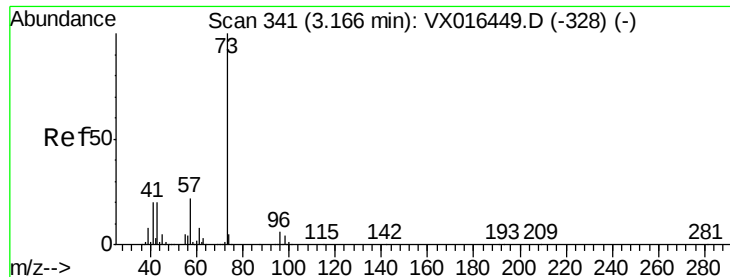
Tgt Ion: 43 Resp: 176385

Ion Ratio Lower Upper

43 100

74 27.4 19.7 29.5





#19

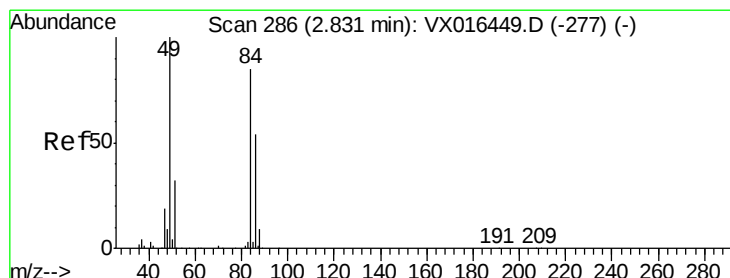
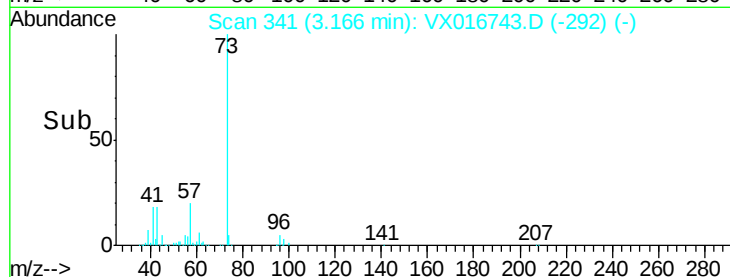
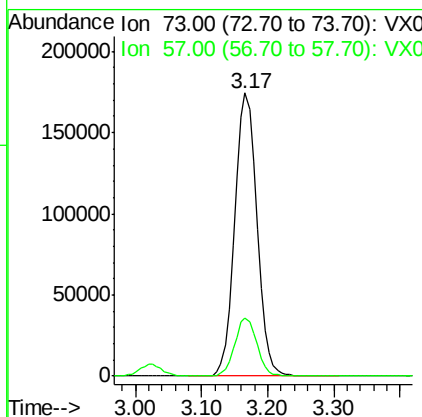
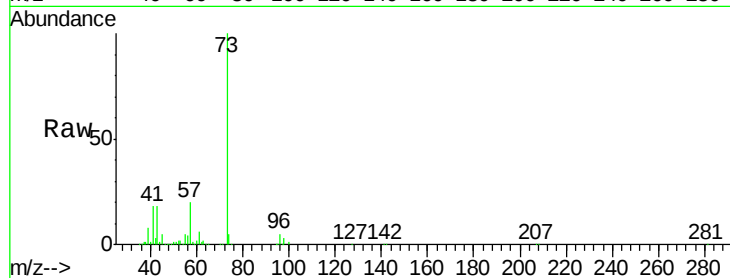
Methyl tert-butyl Ether
 Concen: 51.340 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
73	100		
57	20.4	17.8	26.6

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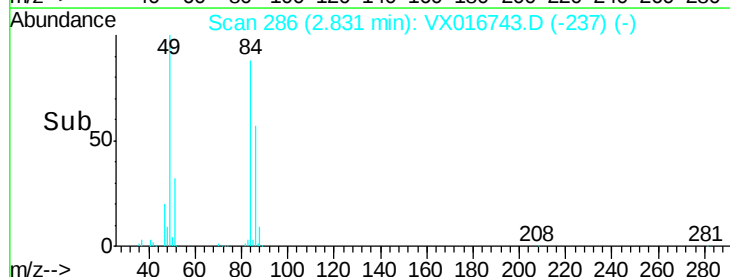
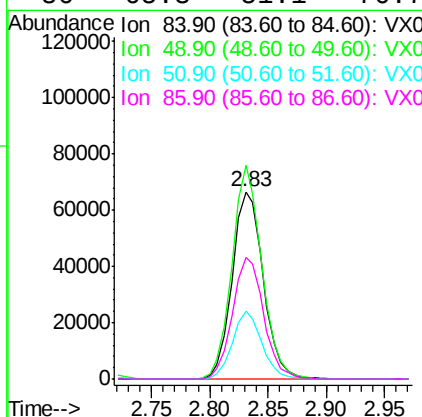
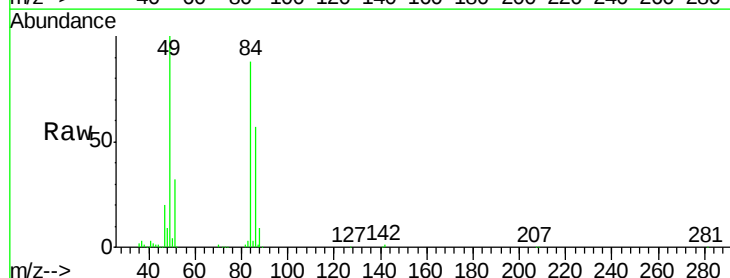
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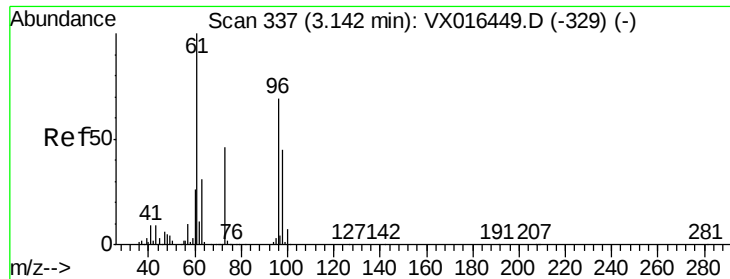


#20

Methylene Chloride
 Concen: 48.287 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.1	94.5	141.7
51	36.5	30.2	45.4
86	65.3	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 48.567 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 118111
Ion Ratio Lower Upper

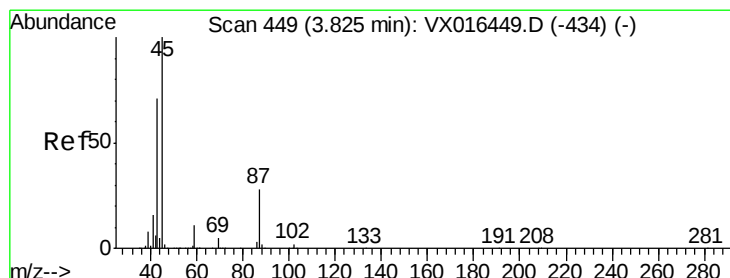
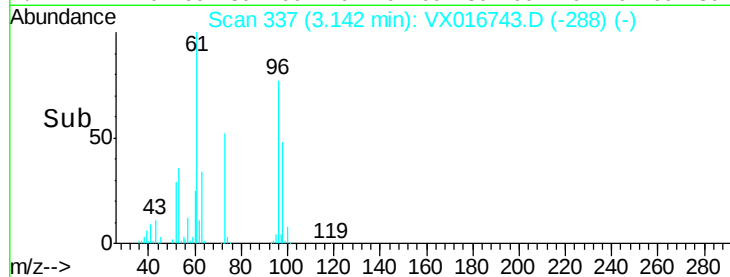
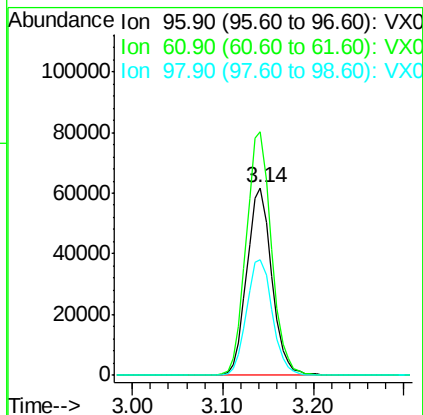
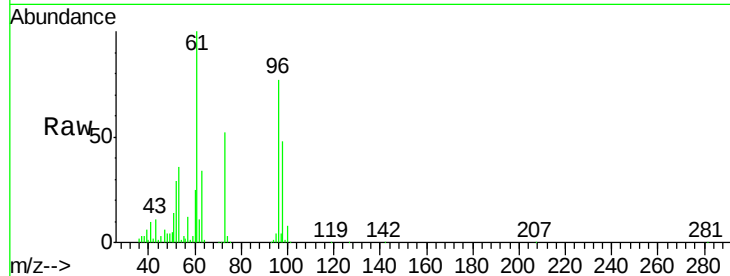
96 100

61 129.8 115.3 172.9

98 62.0 51.9 77.9

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#22

Diisopropyl ether

Concen: 44.955 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

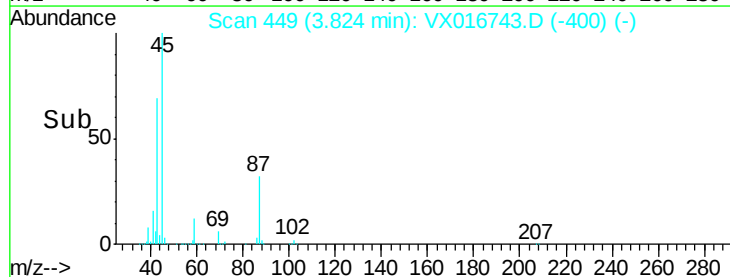
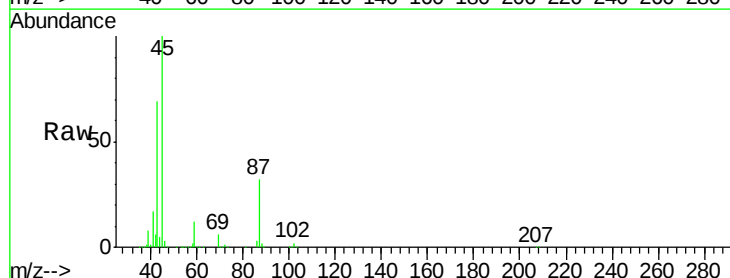
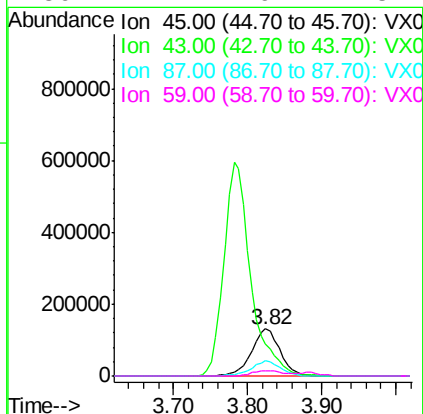
Tgt Ion: 45 Resp: 349193
Ion Ratio Lower Upper

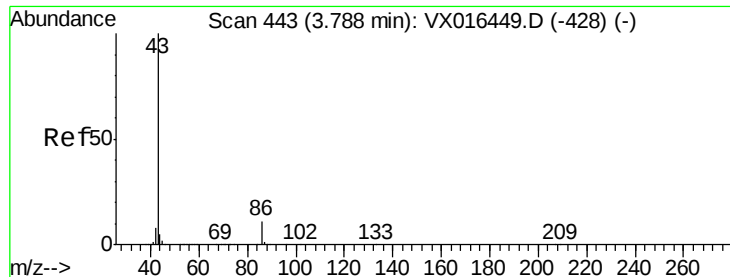
45 100

43 68.6 57.0 85.6

87 31.9 22.5 33.7

59 12.2 9.1 13.7





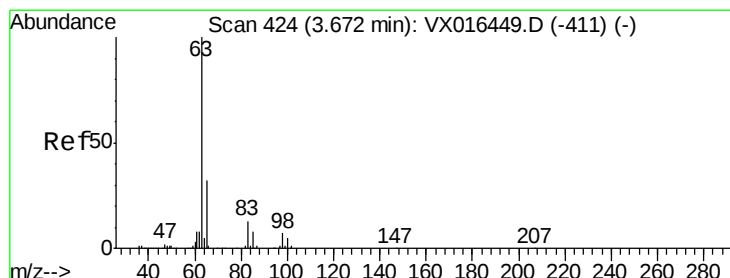
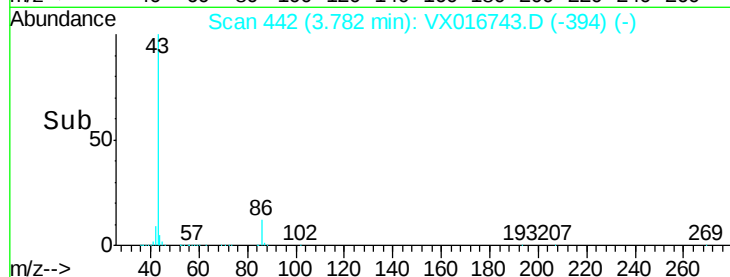
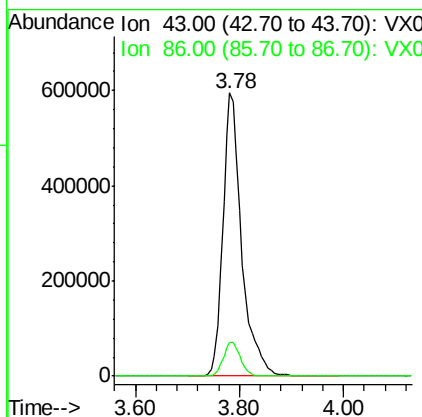
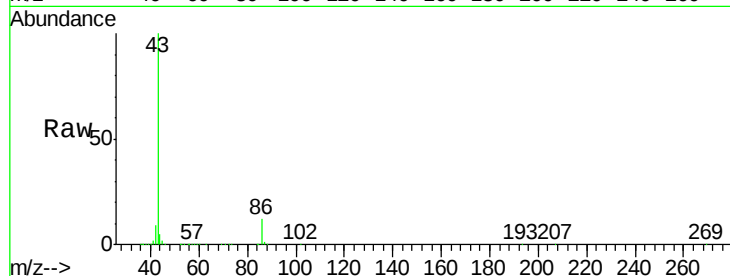
#23
 Vinyl Acetate
 Concen: 221.053 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1502925
 Ion Ratio Lower Upper
 43 100
 86 12.1 8.6 13.0

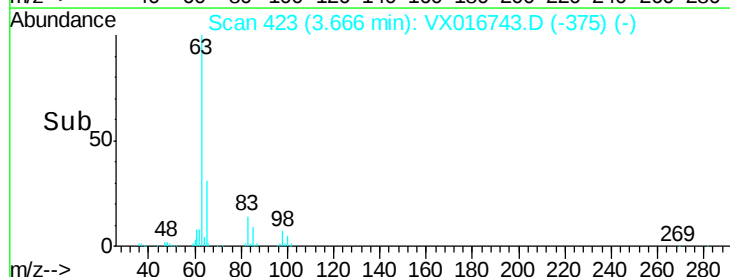
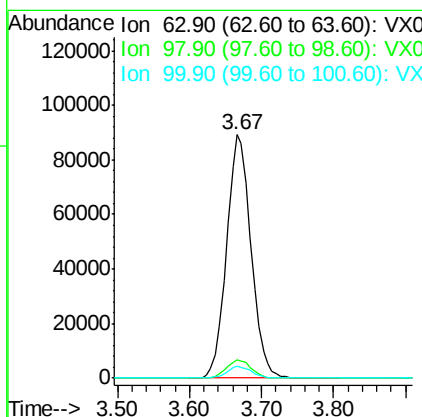
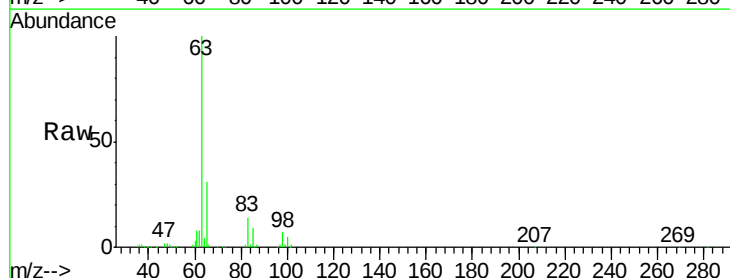
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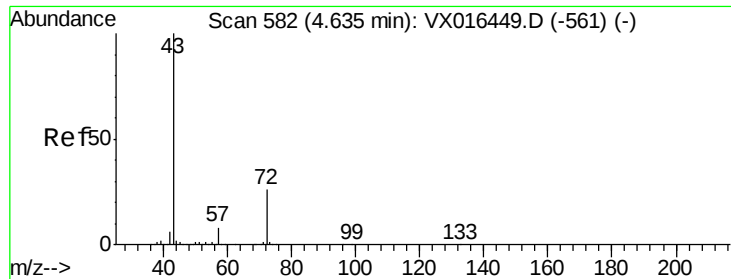
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 47.904 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Tgt Ion: 63 Resp: 210015
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.8 2.4 7.1





#25

2-Butanone

Concen: 227.703 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 479682

Ion Ratio Lower Upper

43 100

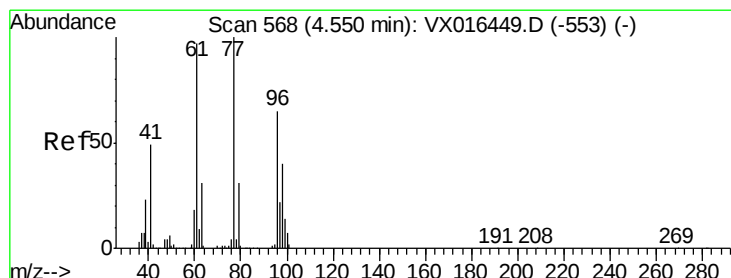
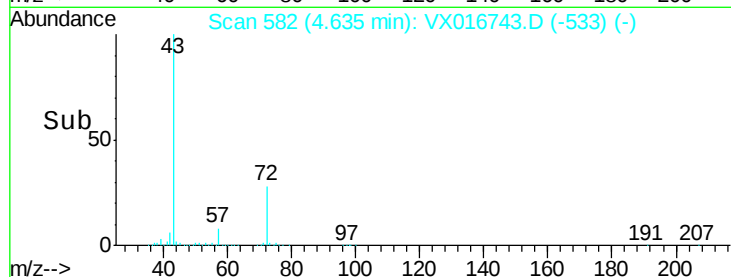
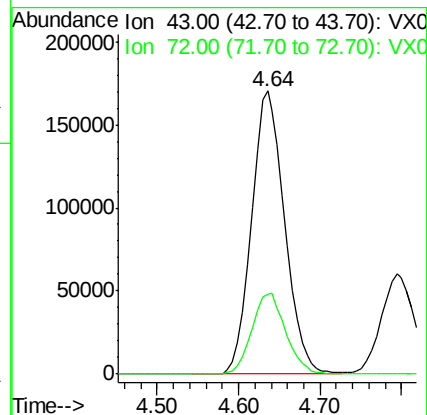
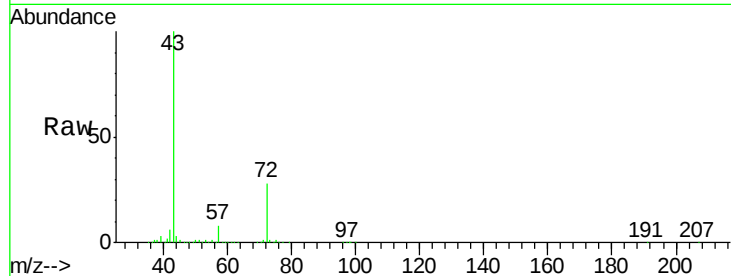
72 28.3 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 46.939 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016743.D

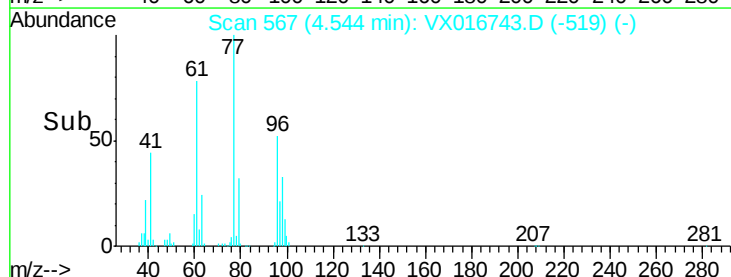
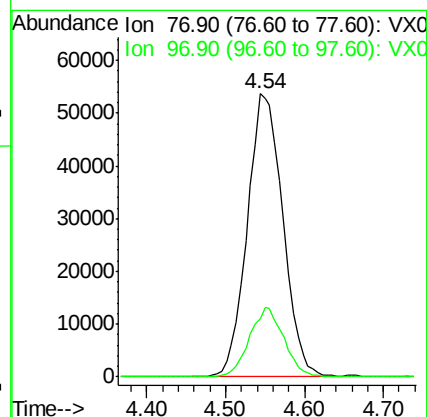
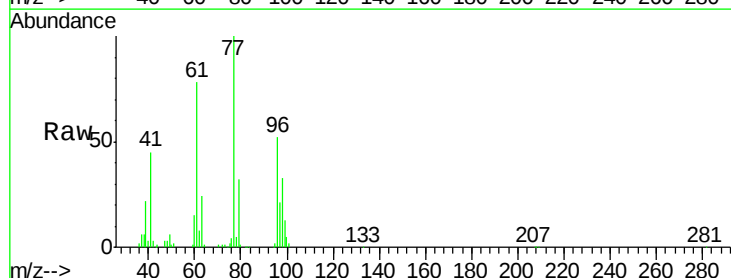
Acq: 12 Jun 2020 20:50

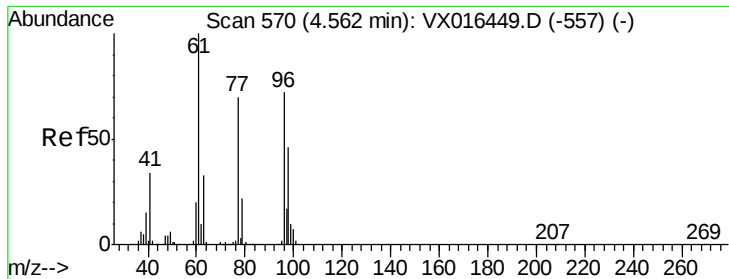
Tgt Ion: 77 Resp: 168392

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.4





#27

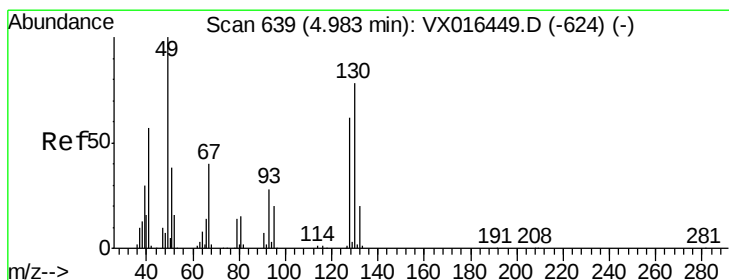
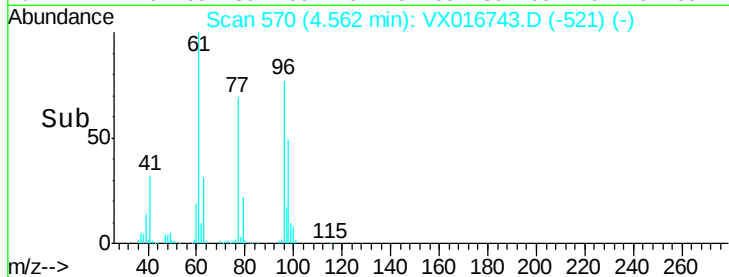
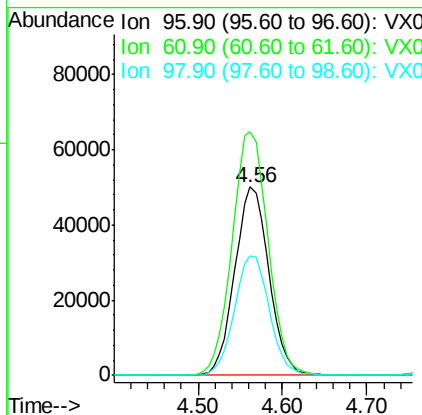
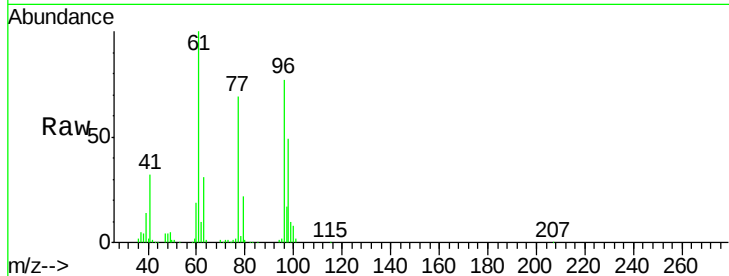
cis-1,2-Dichloroethene
Concen: 48.916 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	137622		
61	136.8	0.0	284.6	
98	64.9	0.0	127.2	

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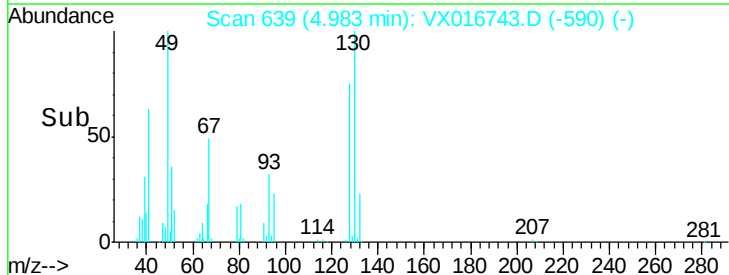
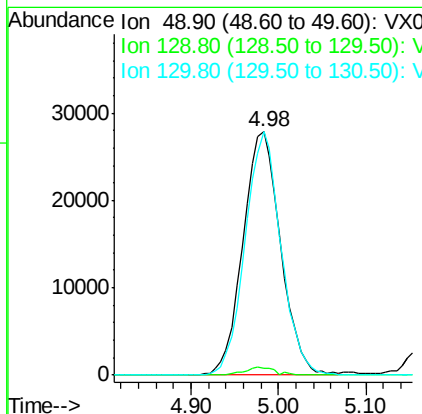
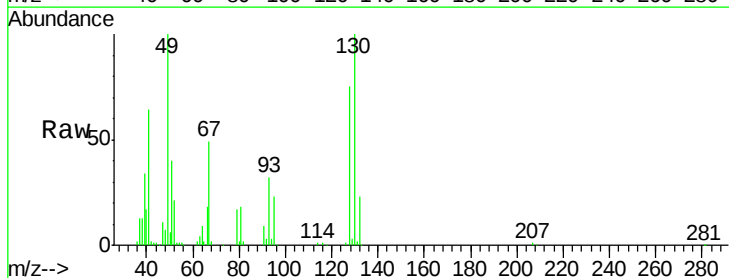
MMDadoda
6/15/2020 11:10:07 AM



#28

Bromochloromethane
Concen: 40.839 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	83202		
129	2.6	0.0	4.0	
130	95.1	63.0	94.4#	





#29

Tetrahydrofuran

Concen: 226.794 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Instrument :

MSVOA_X

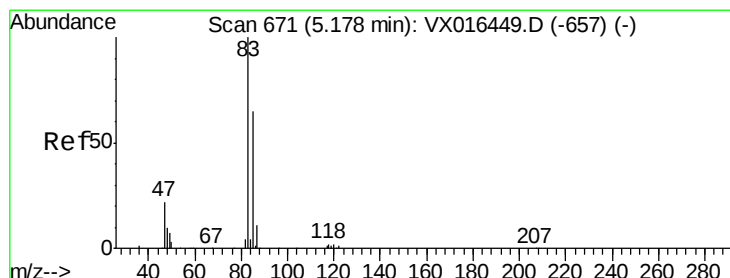
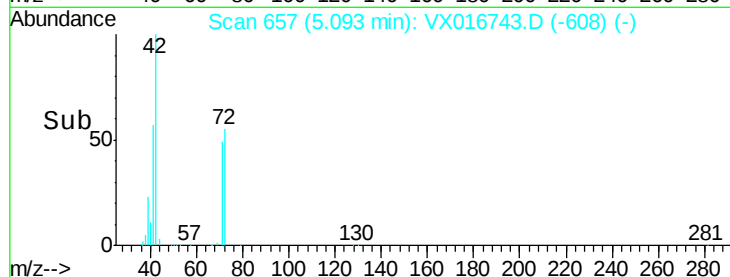
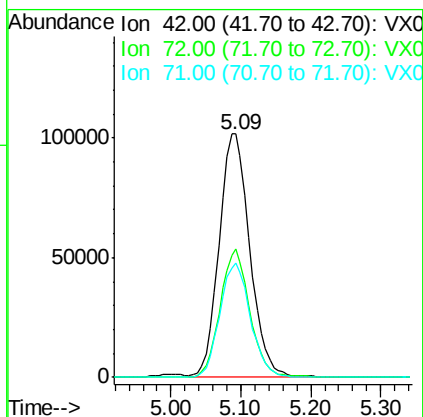
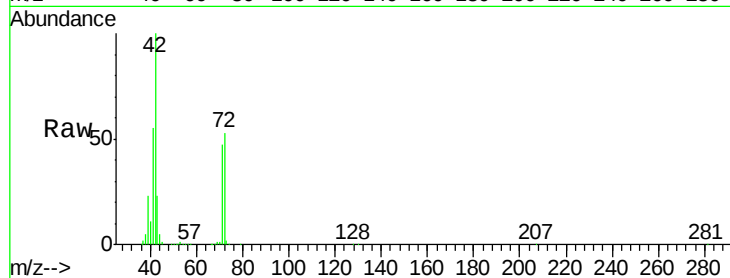
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	42	Resp:	308660
Ion Ratio		Lower	Upper
42	100		
72	51.1	37.0	55.4
71	46.9	34.1	51.1

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#30

Chloroform

Concen: 51.692 ug/l

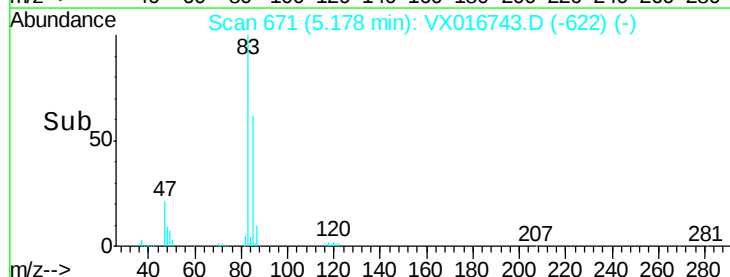
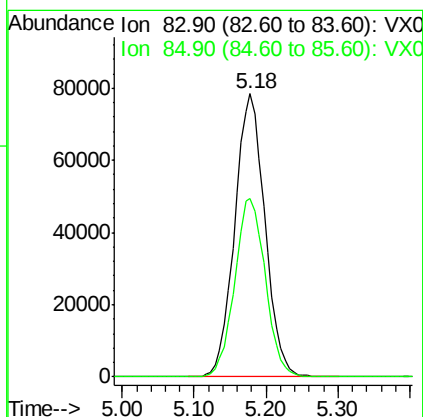
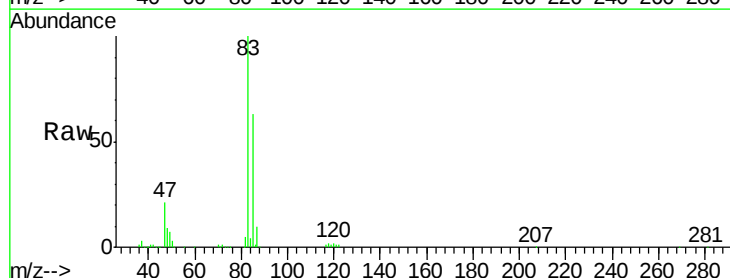
RT: 5.18 min Scan# 671

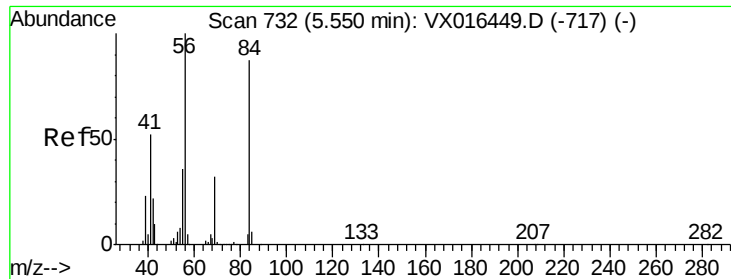
Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Tgt Ion:	83	Resp:	228348
Ion Ratio		Lower	Upper
83	100		
85	63.3	52.0	78.0





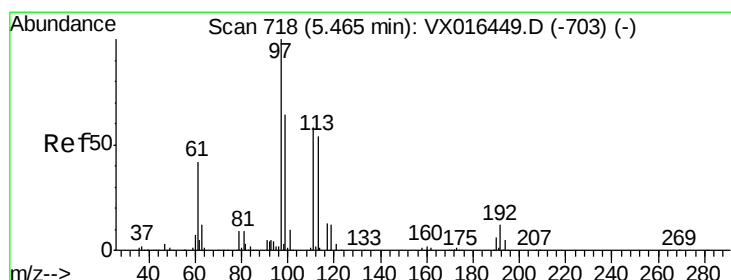
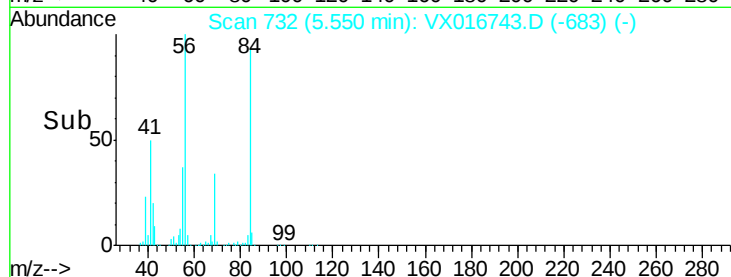
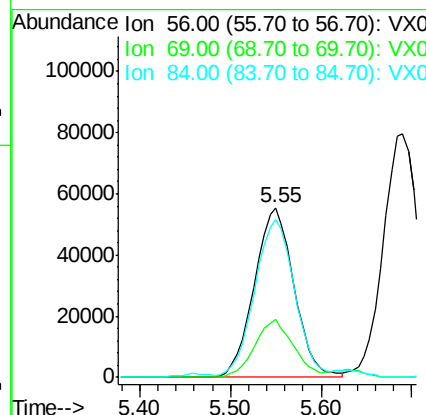
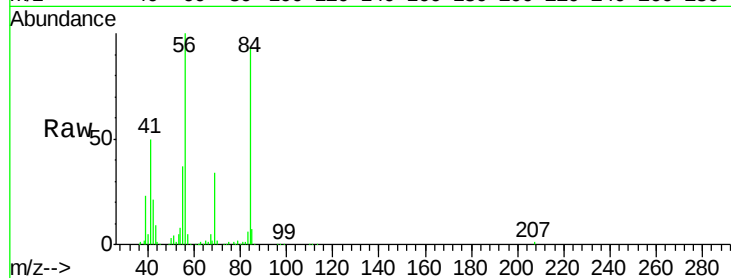
#31
Cyclohexane
Concen: 42.652 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.9	25.7	38.5
84	90.3	70.0	105.0

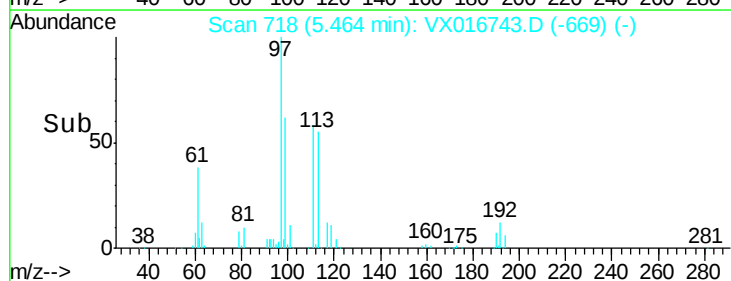
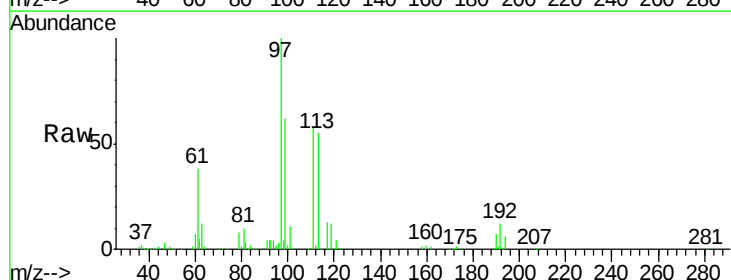
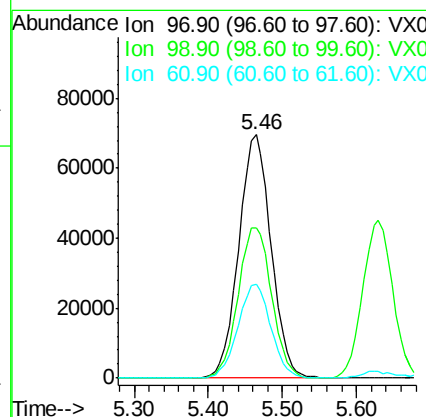
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#32
1,1,1-Trichloroethane
Concen: 53.020 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.2
61	39.2	33.5	50.3





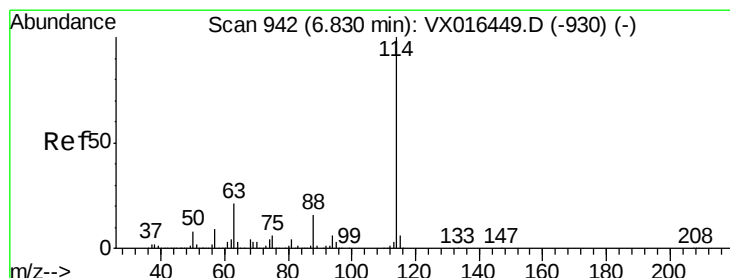
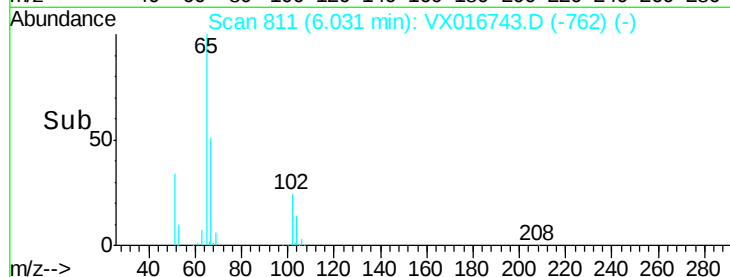
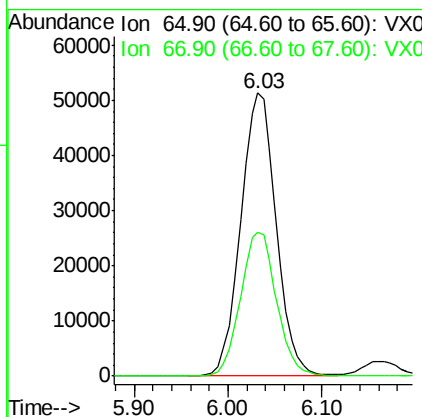
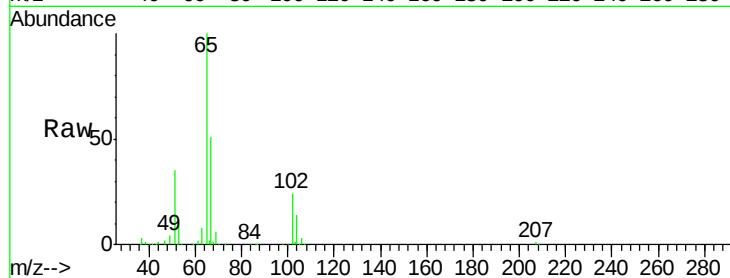
#33
 1,2-Dichloroethane-d4
 Concen: 47.617 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	135121		
67	51.5	0.0	104.8	

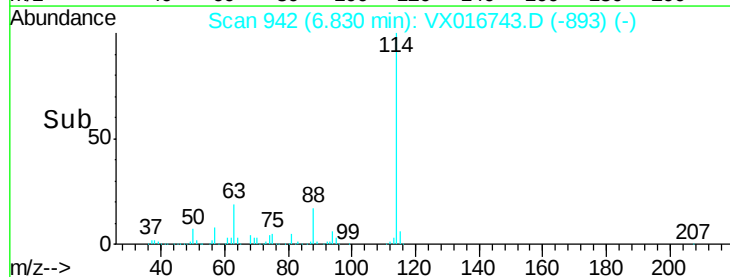
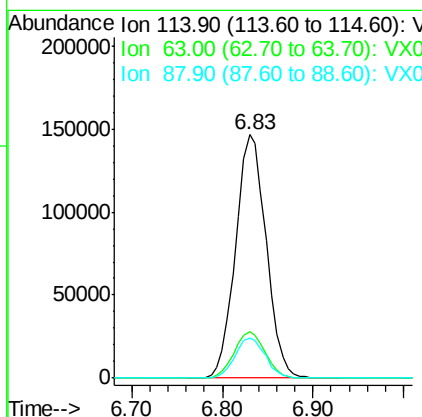
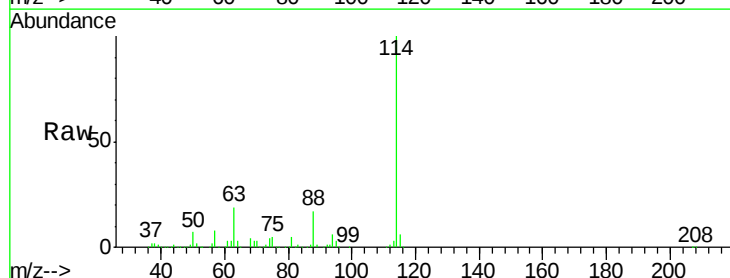
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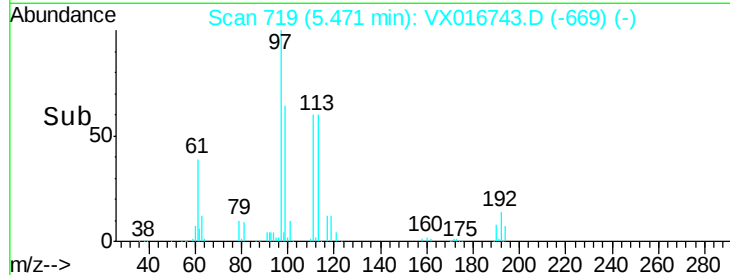
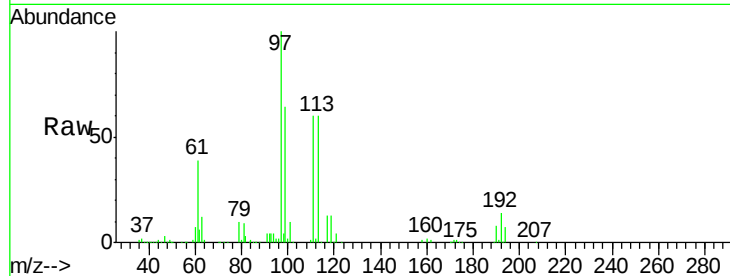
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	342987		
63	19.1	0.0	42.6	
88	16.7	0.0	32.8	





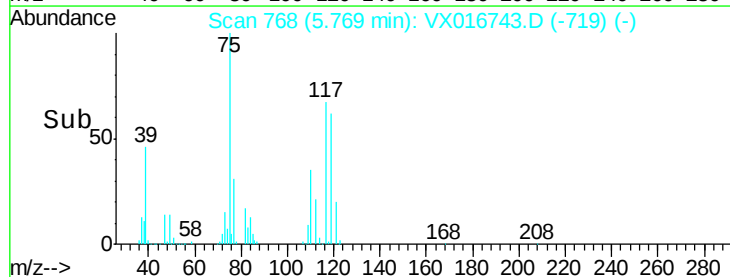
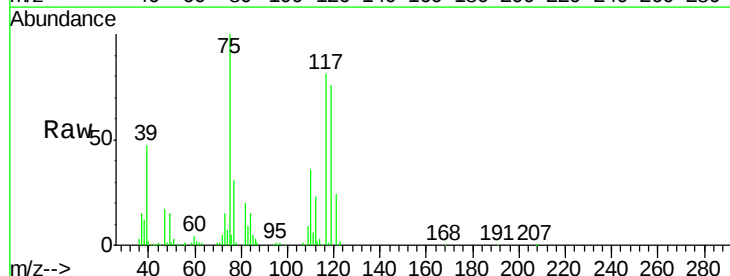
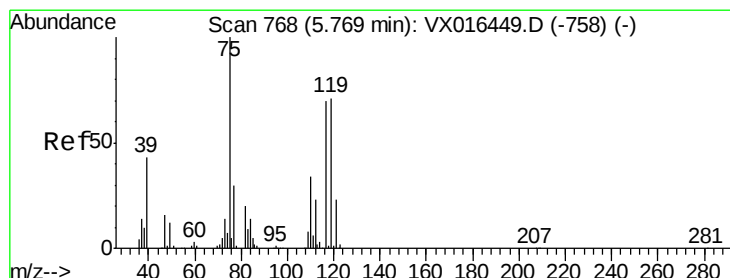
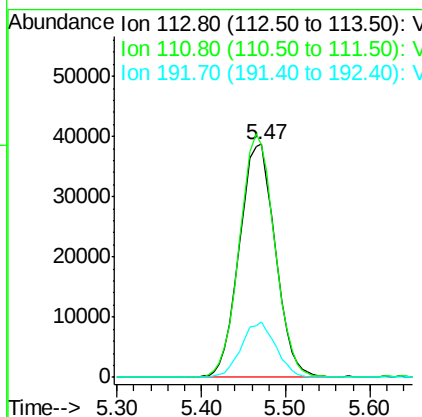
#35
Dibromofluoromethane
Concen: 53.116 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	112178		
111	101.7	83.0	124.6	
192	23.0	17.7	26.5	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

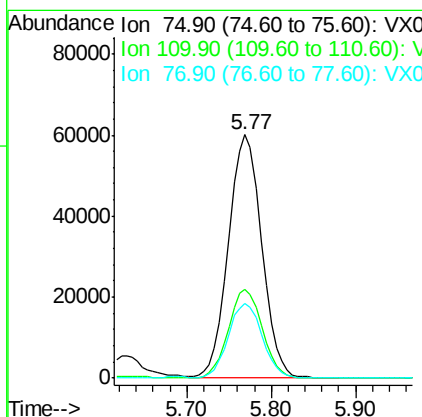
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#36
1,1-Dichloropropene
Concen: 49.564 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	160955		
110	37.0	17.4	52.3	
77	31.4	24.2	36.4	





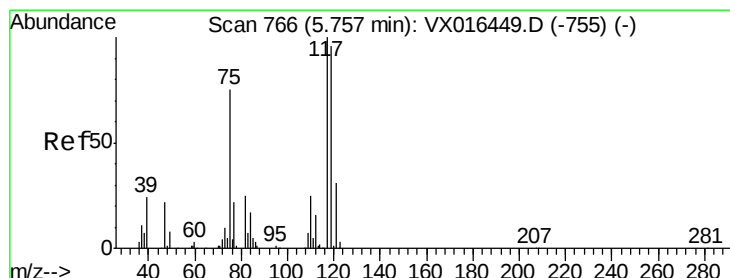
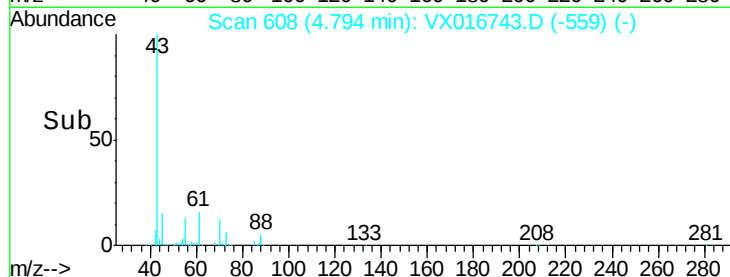
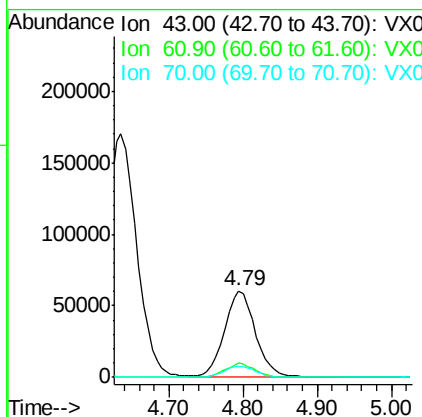
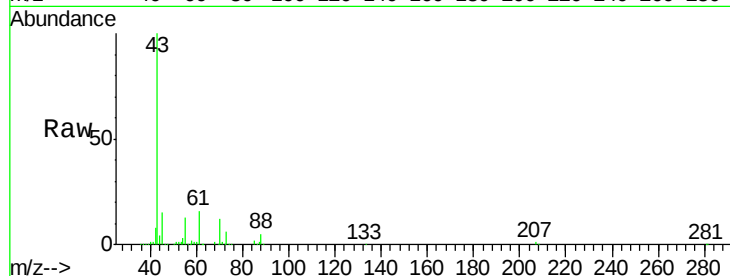
#37
Ethyl Acetate
Concen: 44.754 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.3	16.9
70	13.0	9.3	13.9

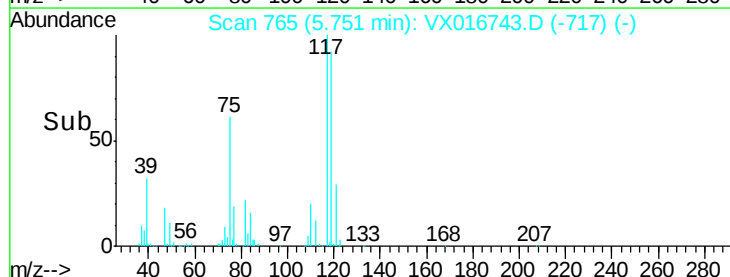
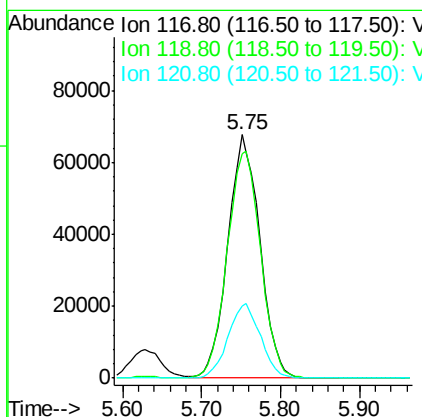
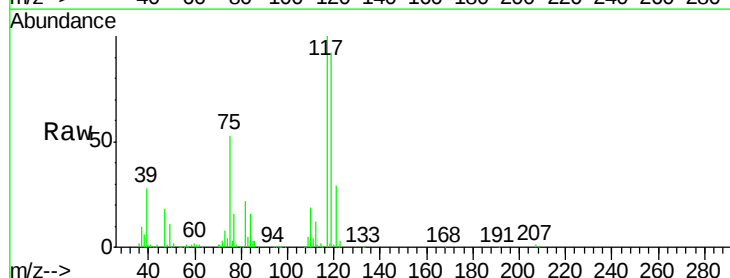
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#38
Carbon Tetrachloride
Concen: 56.089 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.3	76.3	114.5
121	29.4	24.6	37.0





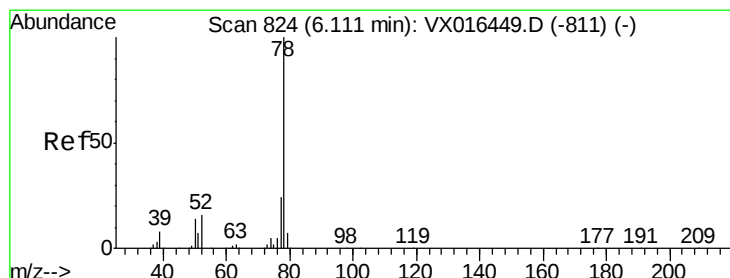
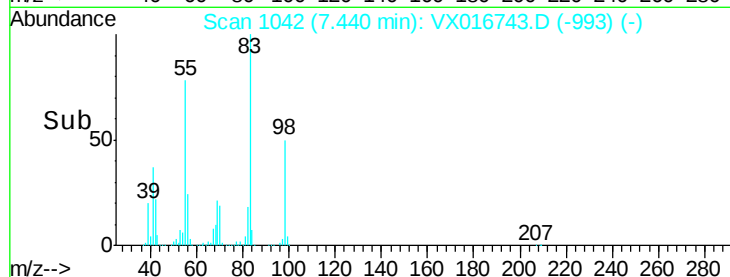
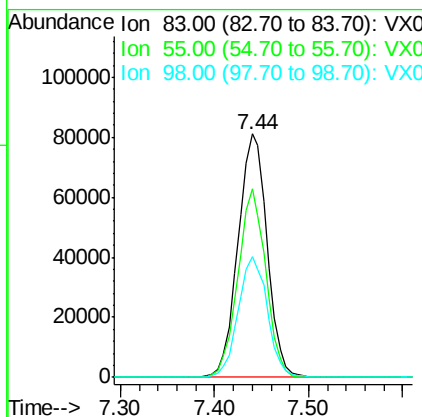
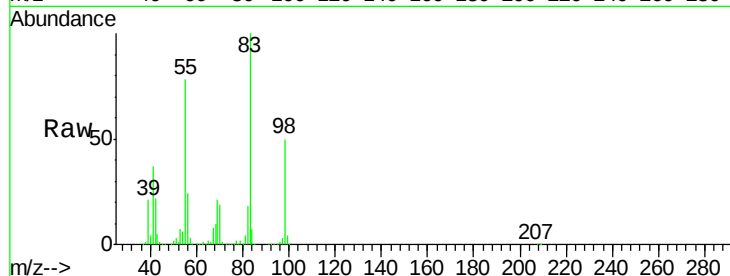
#39
Methylcyclohexane
Concen: 49.698 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.6	61.7	92.5
98	49.7	38.7	58.1

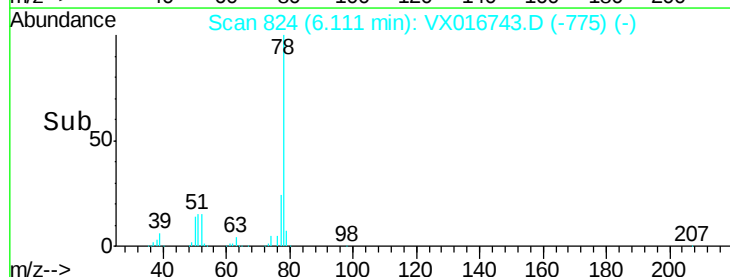
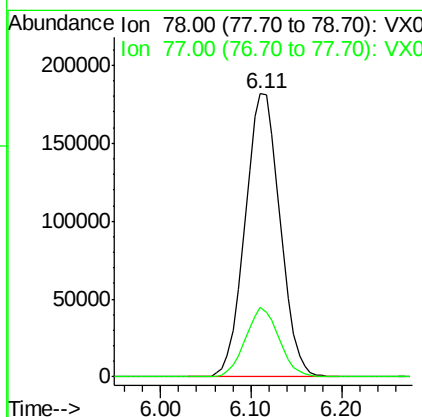
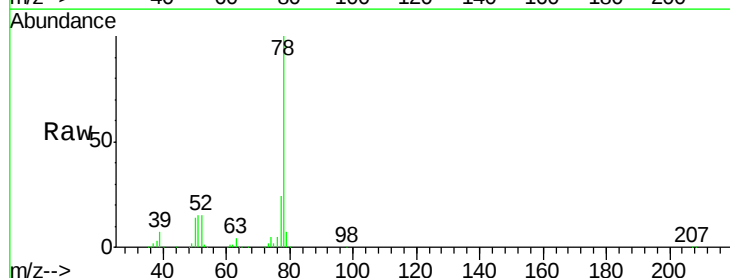
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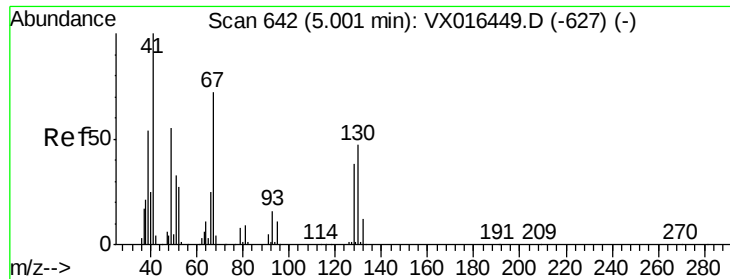
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#40
Benzene
Concen: 50.112 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.9	28.3





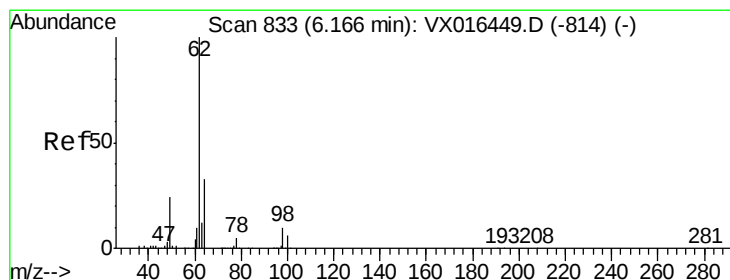
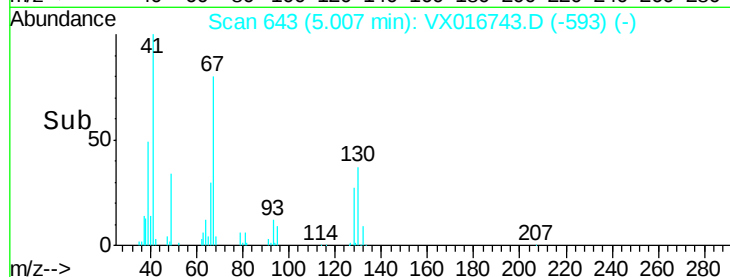
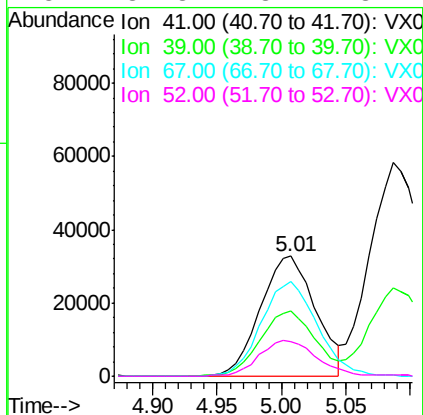
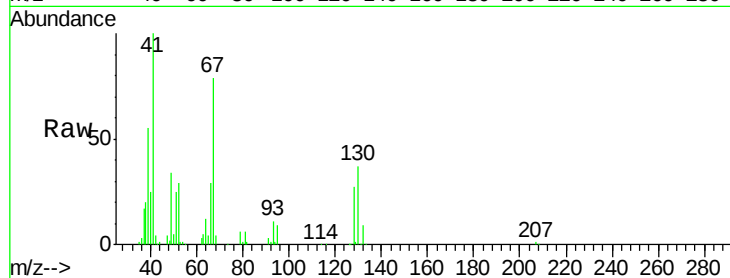
#41
Methacrylonitrile
Concen: 45.423 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.2	43.0	64.4
67	80.5	58.9	88.3
52	31.3	23.1	34.7

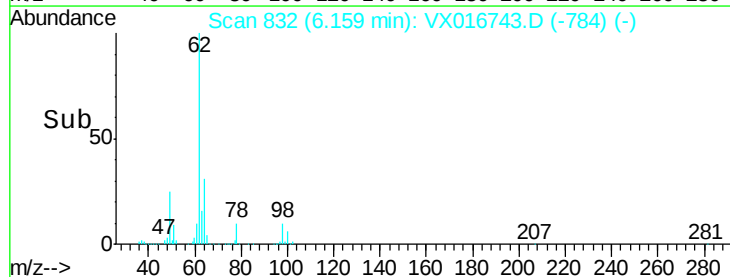
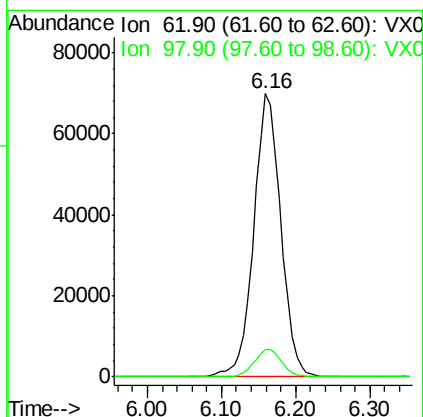
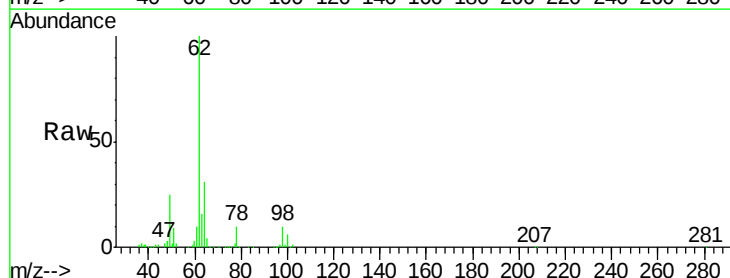
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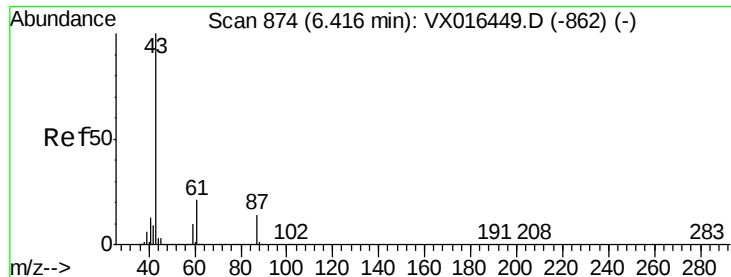
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#42
1,2-Dichloroethane
Concen: 51.877 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8





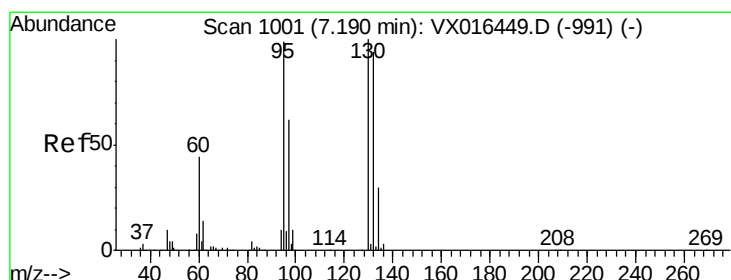
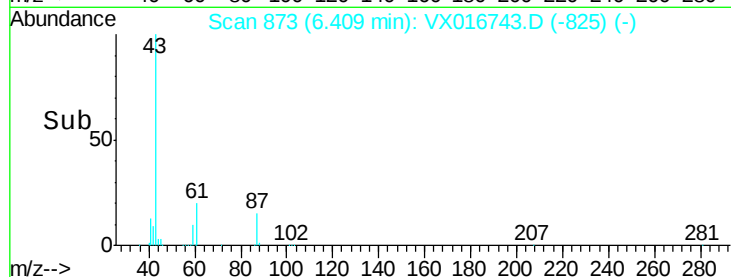
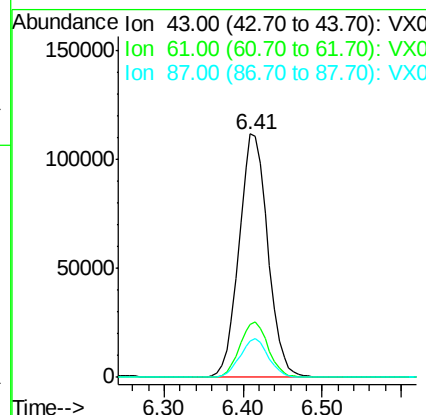
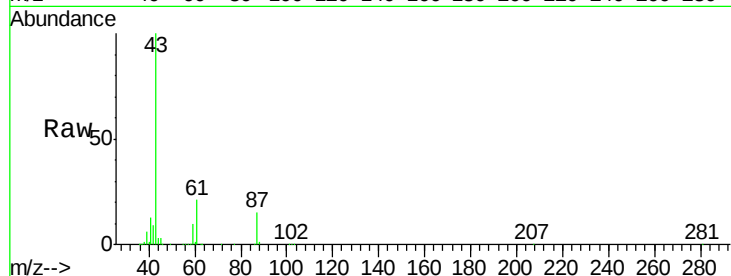
#43
Isopropyl Acetate
Concen: 46.459 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.5	16.8	25.2
87	15.6	11.2	16.8

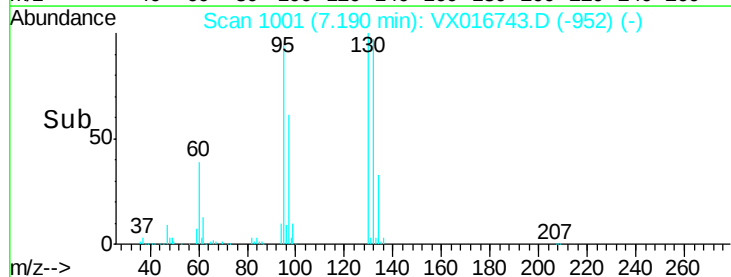
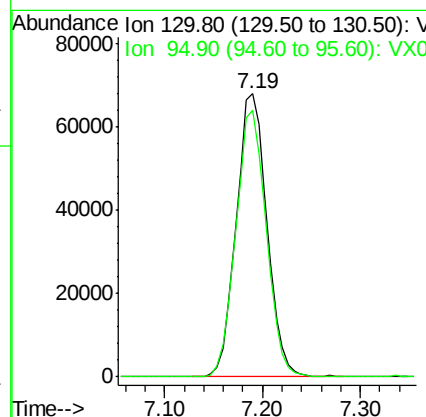
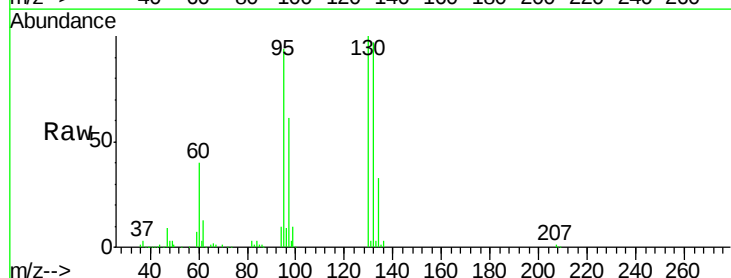
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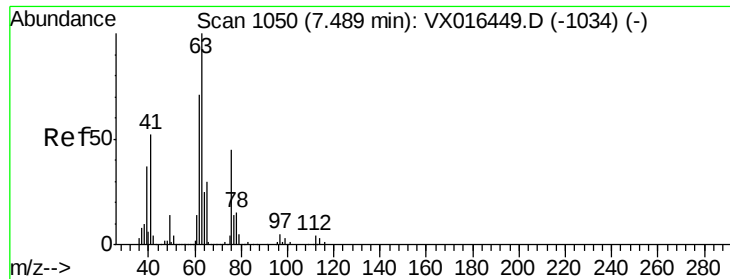
MMDadoda
6/15/2020 11:10:07 AM



#44
Trichloroethene
Concen: 48.372 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	198.2





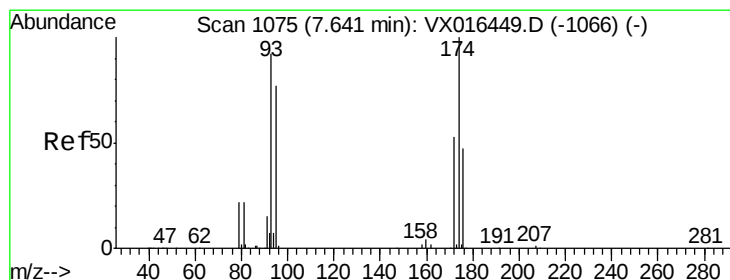
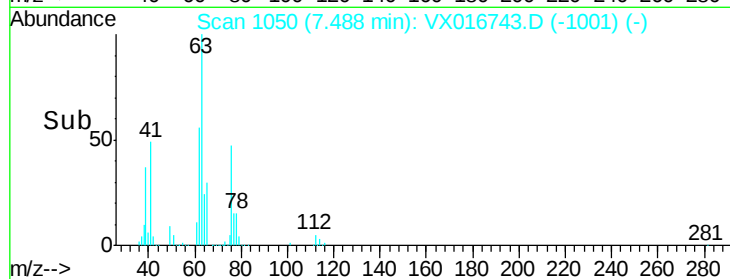
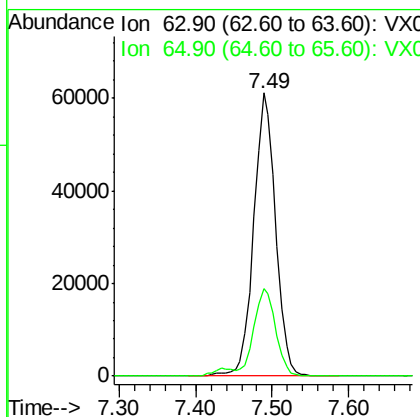
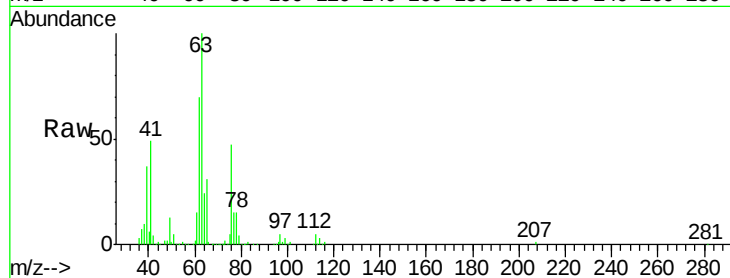
#45
 1,2-Dichloropropane
 Concen: 49.668 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.2	36.2

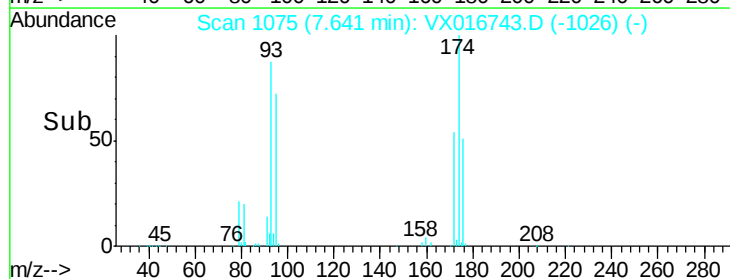
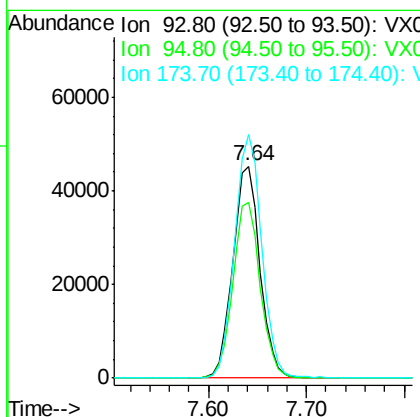
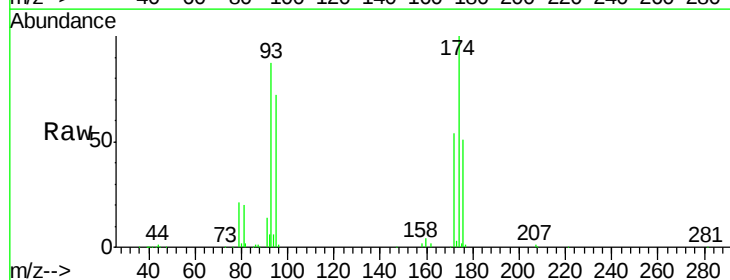
Manual Integrations
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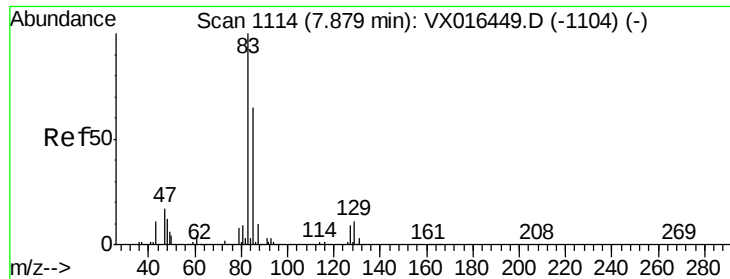
MMDadoda
 6/15/2020 11:10:07 AM



#46
 Dibromomethane
 Concen: 52.889 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.6	100.0
174	114.9	86.2	129.4





#47

Bromodichloromethane

Concen: 55.084 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Instrument :

MSVOA_X

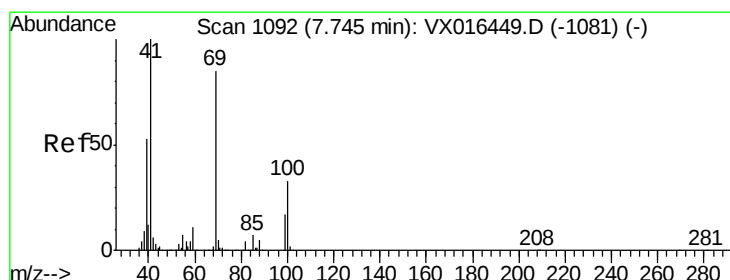
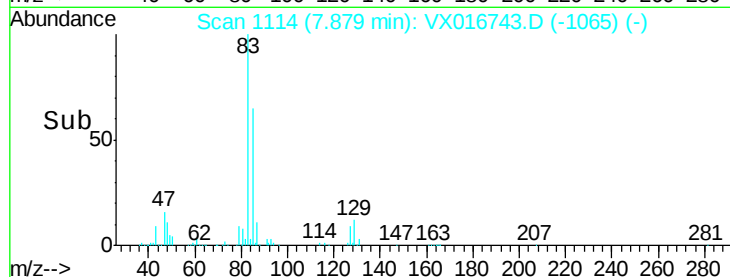
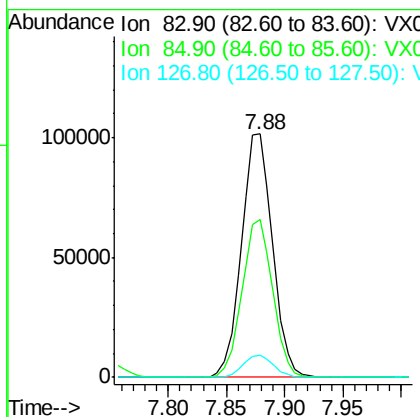
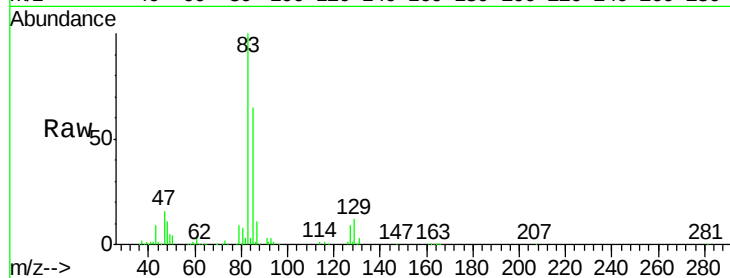
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	188603
Ion Ratio	Lower	Upper	
83	100		
85	65.0	52.0	78.0
127	9.1	7.4	11.0

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6/15/2020 11:10:07 AM



#48

Methyl methacrylate

Concen: 47.650 ug/l

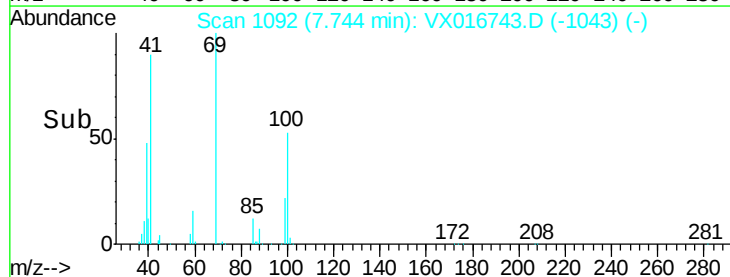
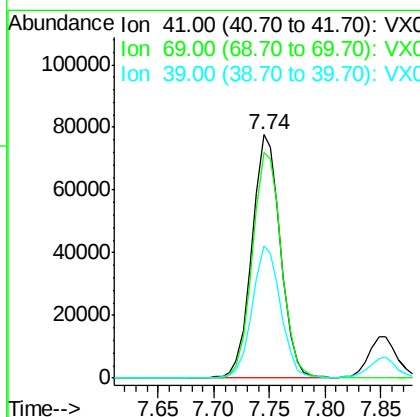
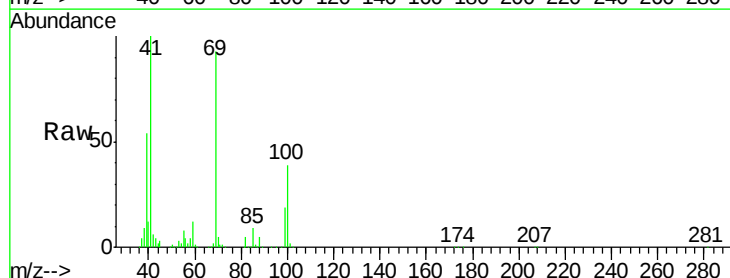
RT: 7.74 min Scan# 1092

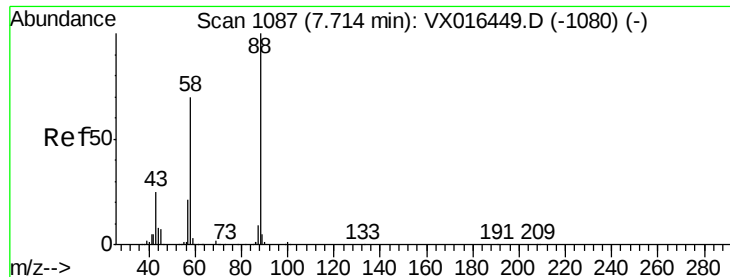
Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Tgt Ion:	41	Resp:	138749
Ion Ratio	Lower	Upper	
41	100		
69	94.1	68.6	102.8
39	54.3	42.4	63.6





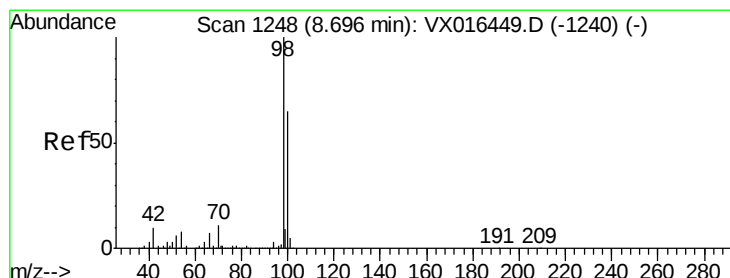
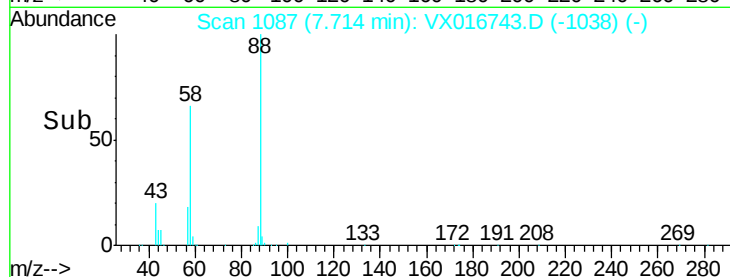
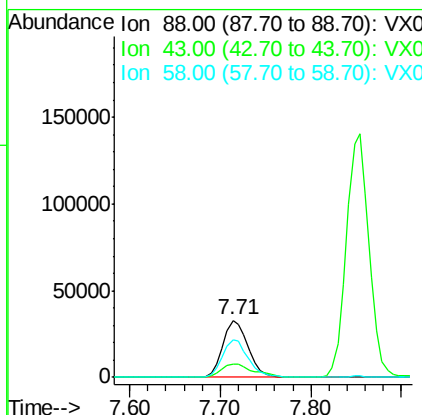
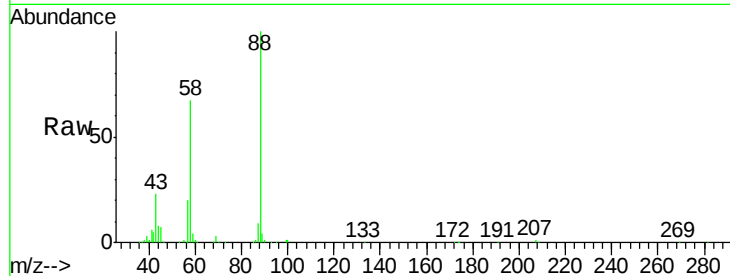
#49
1,4-Dioxane
Concen: 931.606 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.8	24.2	36.4
58	68.2	56.5	84.7

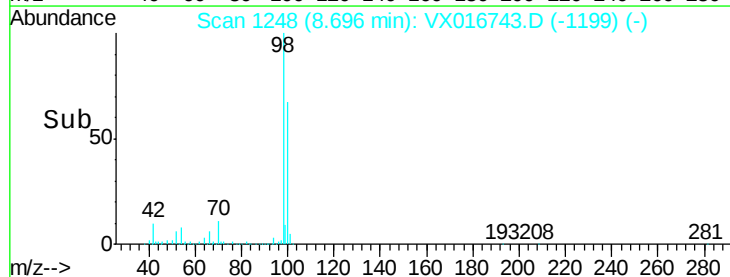
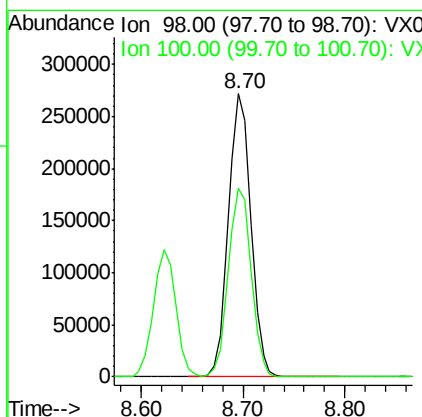
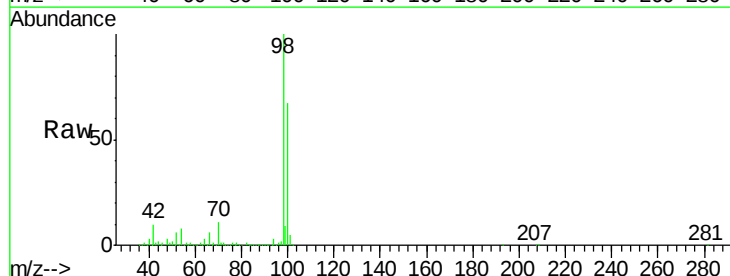
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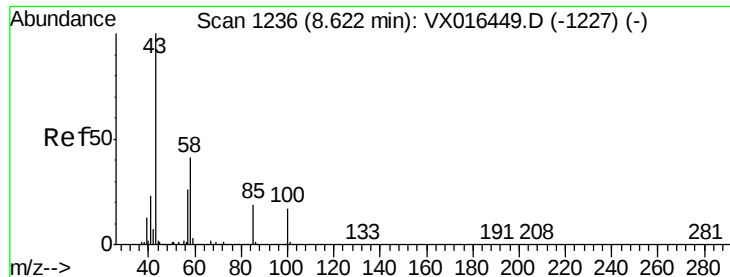
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#50
Toluene-d8
Concen: 50.189 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.1	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 244.232 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 924833

Ion Ratio Lower Upper

43 100

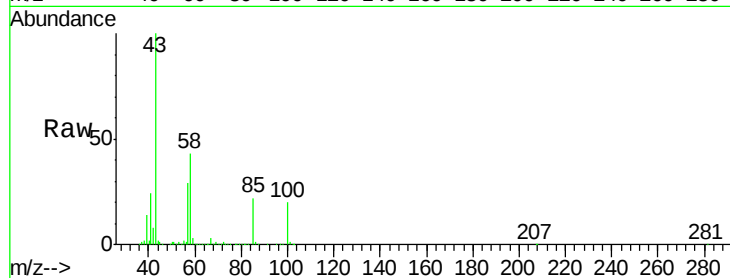
58 43.2 33.0 49.6

Manual Integrations

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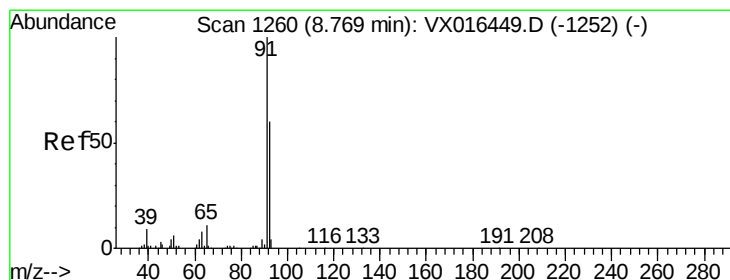
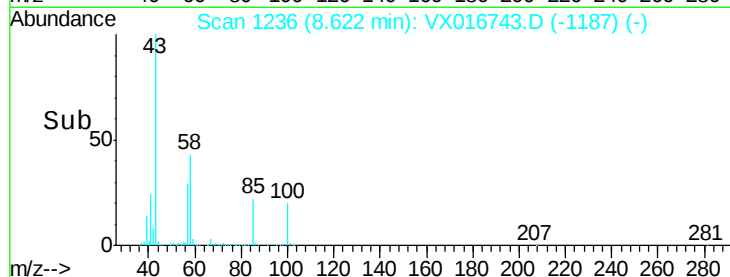
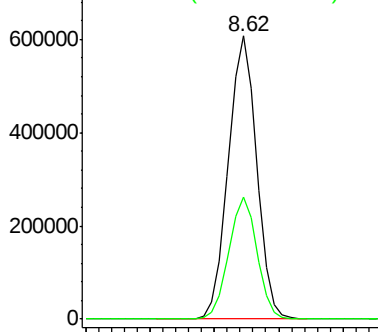
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.280 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016743.D

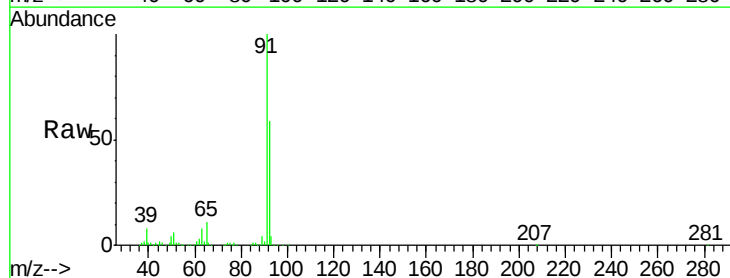
Acq: 12 Jun 2020 20:50

Tgt Ion: 92 Resp: 318820

Ion Ratio Lower Upper

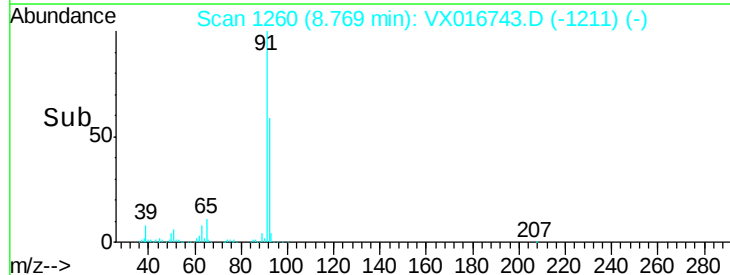
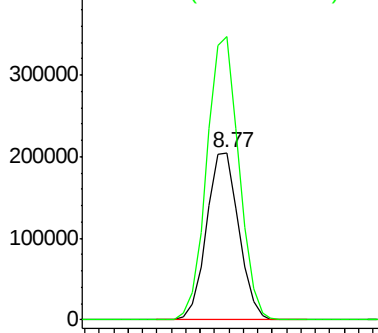
92 100

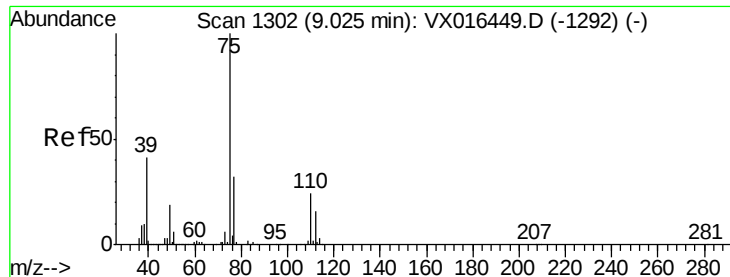
91 168.3 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





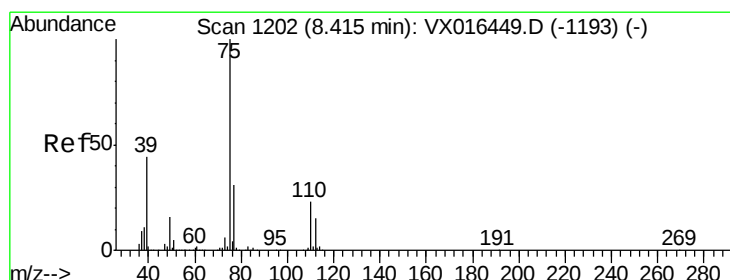
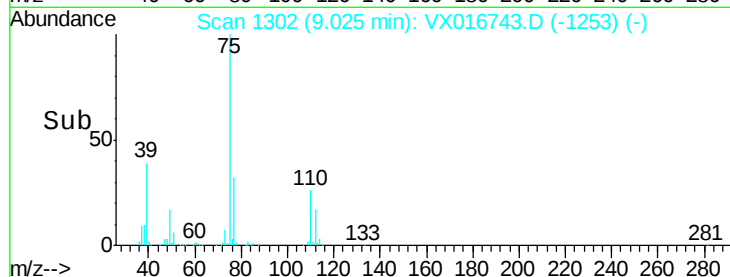
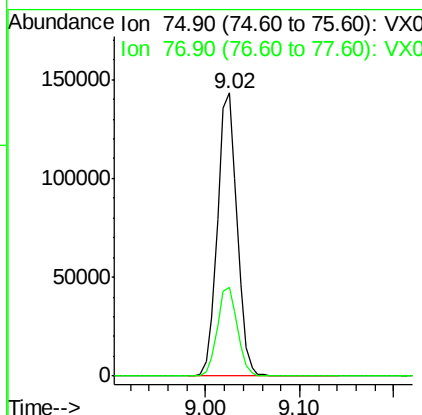
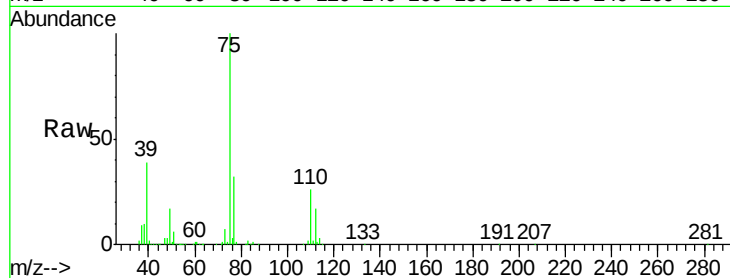
#53
t-1,3-Dichloropropene
Concen: 53.115 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 206798
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3

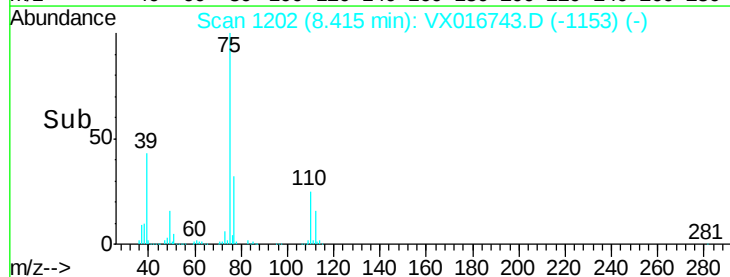
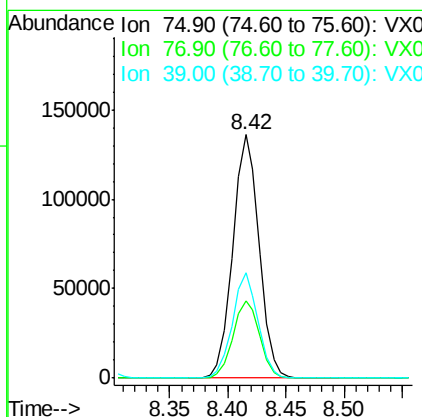
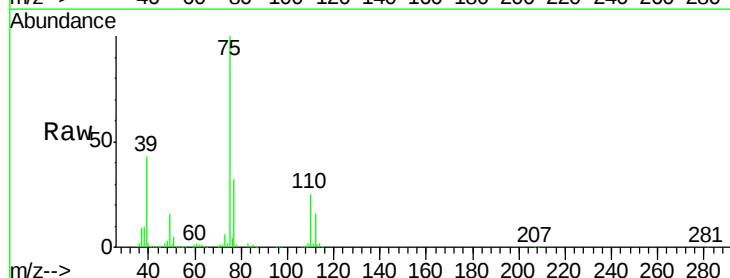
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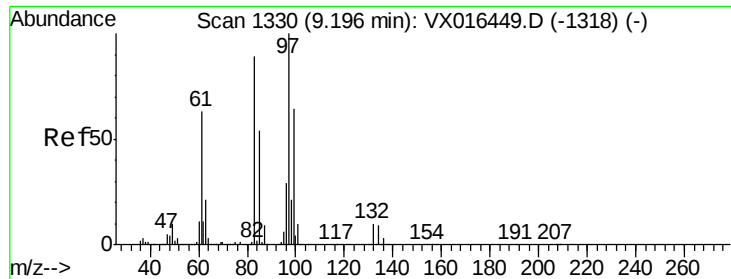
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#54
cis-1,3-Dichloropropene
Concen: 51.818 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion: 75 Resp: 213542
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8
39 43.1 35.3 52.9





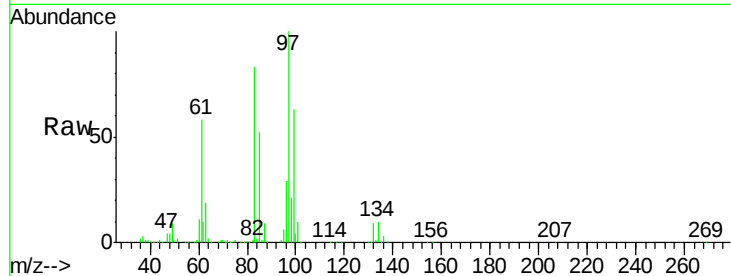
#55
 1,1,2-Trichloroethane
 Concen: 55.153 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

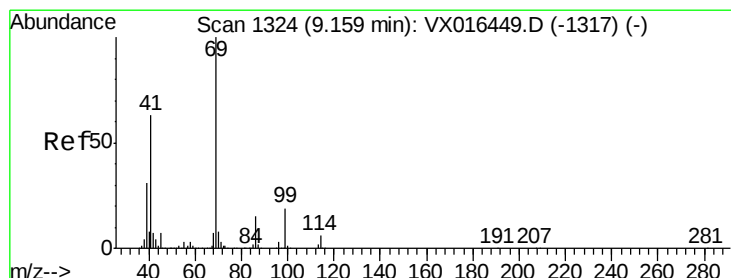
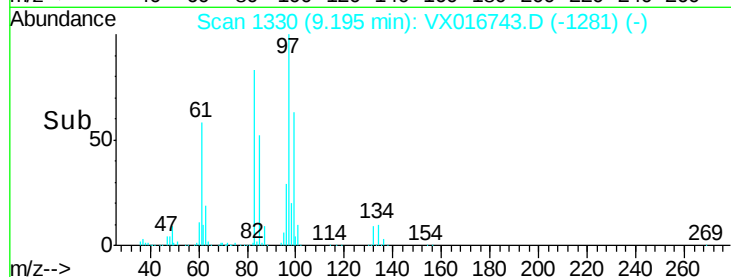
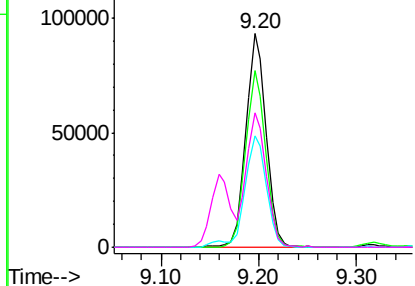
Tgt Ion	Ratio	Resp	Lower	Upper
97	100	133729		
83	82.5	70.9	106.3	
85	52.3	43.4	65.2	
99	62.8	51.0	76.6	

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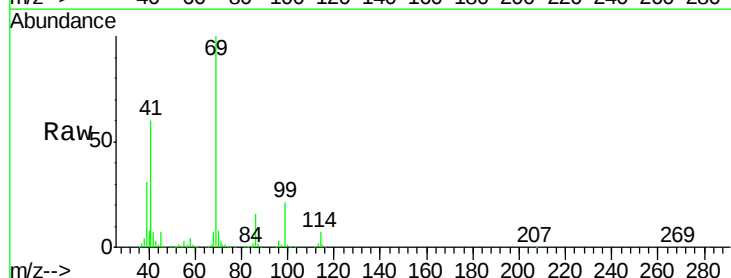


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

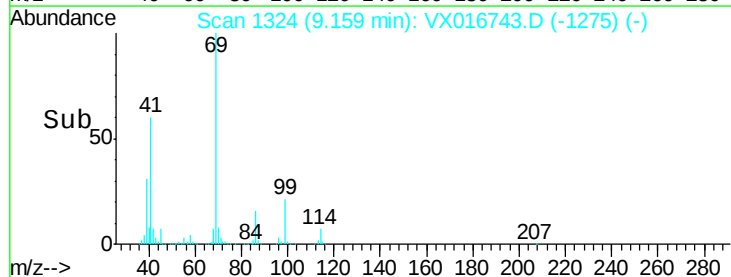
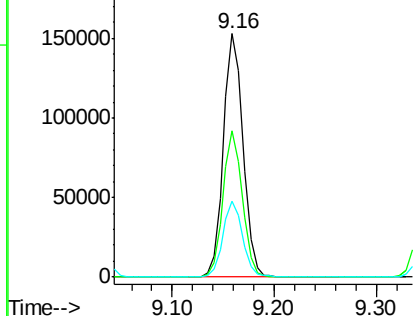


#56
 Ethyl methacrylate
 Concen: 52.127 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	205845		
41	59.3	50.7	76.1	
39	31.4	25.8	38.6	



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





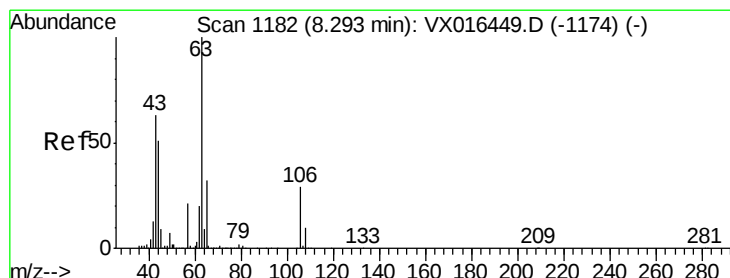
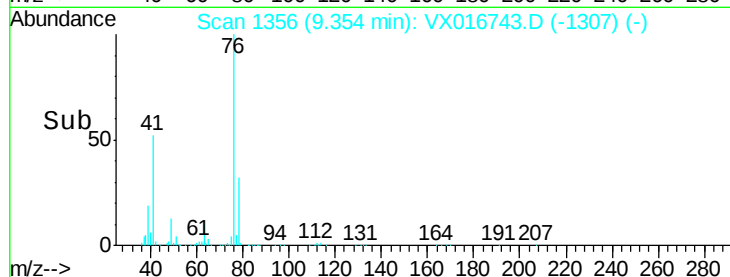
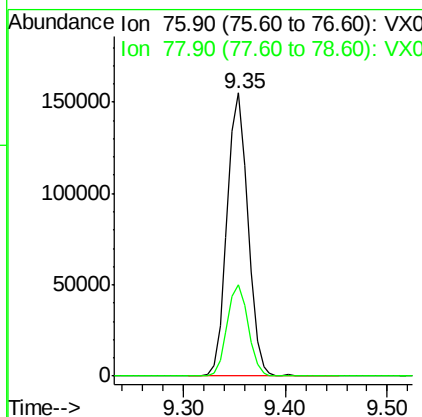
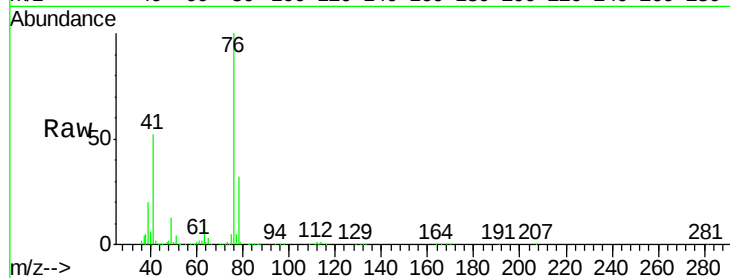
#57
 1,3-Dichloropropane
 Concen: 52.772 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 219628
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.4

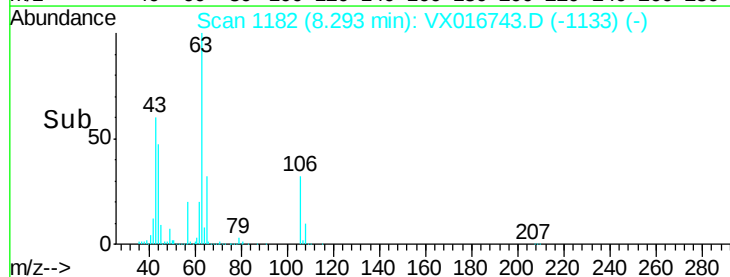
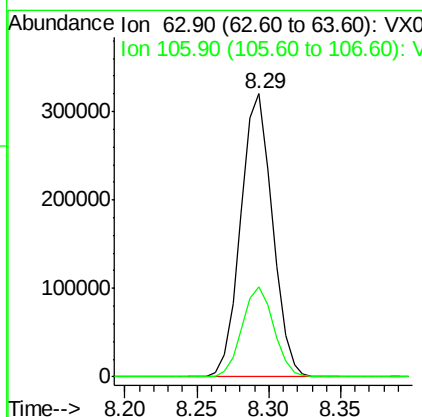
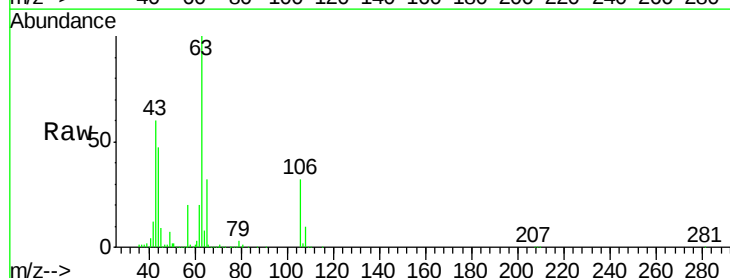
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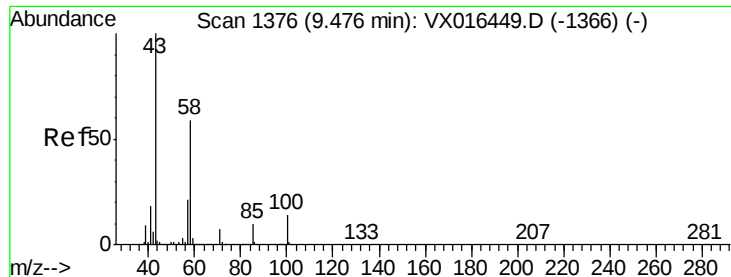
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#58
 2-Chloroethyl Vinyl ether
 Concen: 237.239 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Tgt Ion: 63 Resp: 488990
 Ion Ratio Lower Upper
 63 100
 106 31.9 23.2 34.8





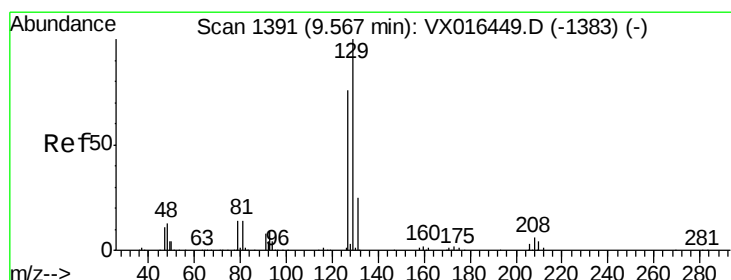
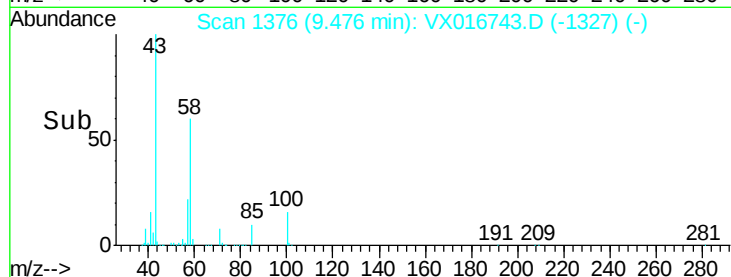
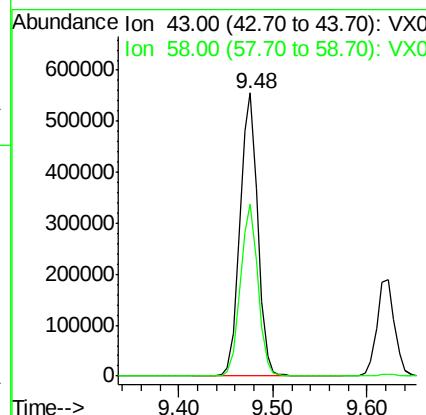
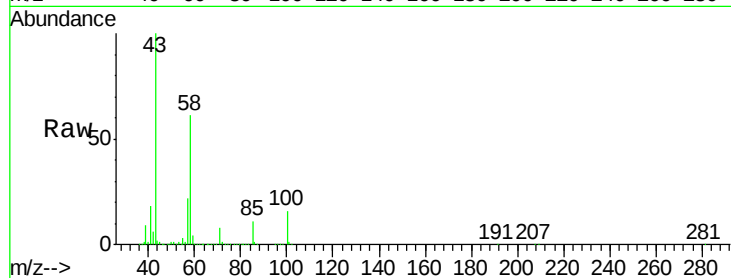
#59
2-Hexanone
Concen: 244.803 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 720883
Ion Ratio Lower Upper
43 100
58 60.2 28.8 86.4

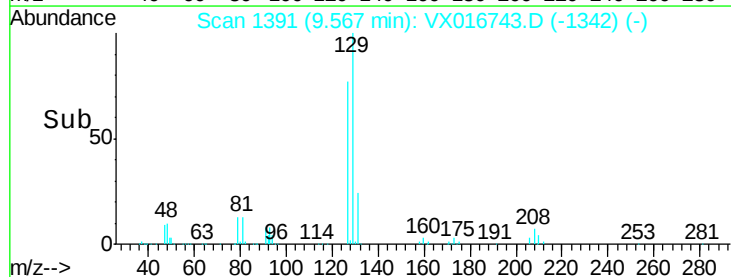
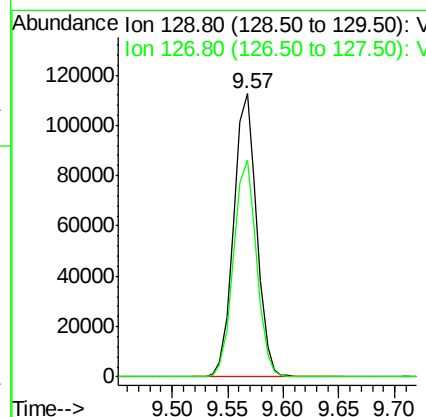
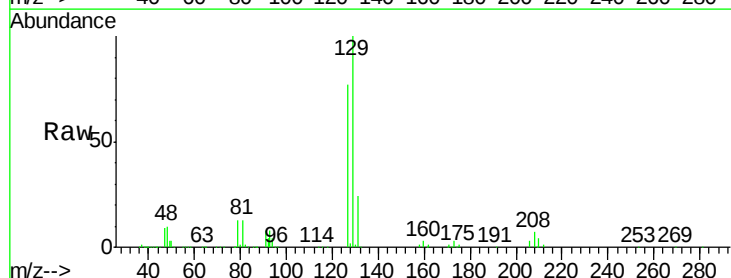
Manual Integrations
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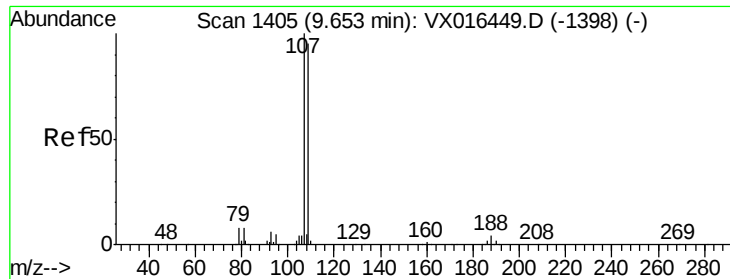
MMDadoda
6/15/2020 11:10:07 AM



#60
Dibromochloromethane
Concen: 58.780 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion: 129 Resp: 160390
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





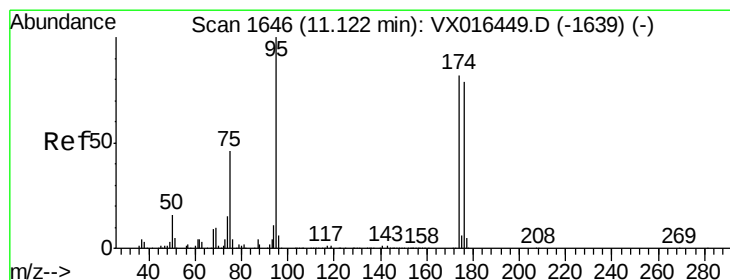
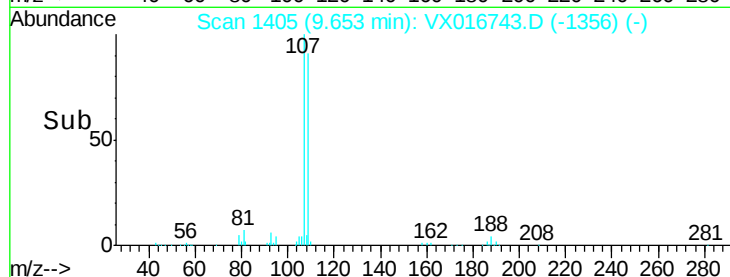
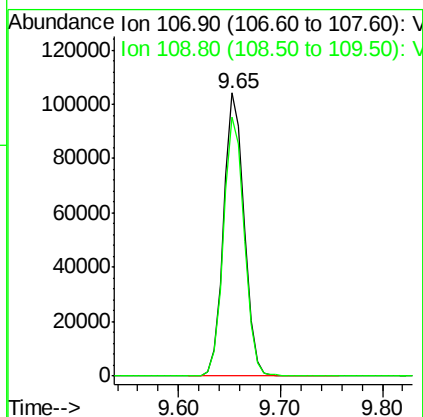
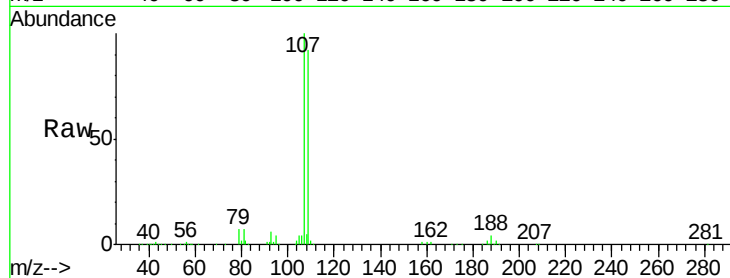
#61
 1,2-Dibromoethane
 Concen: 55.985 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.6	75.5	113.3

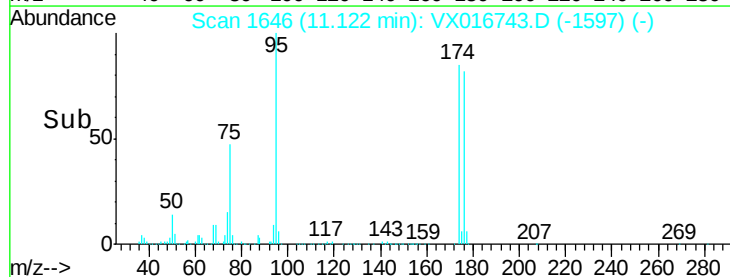
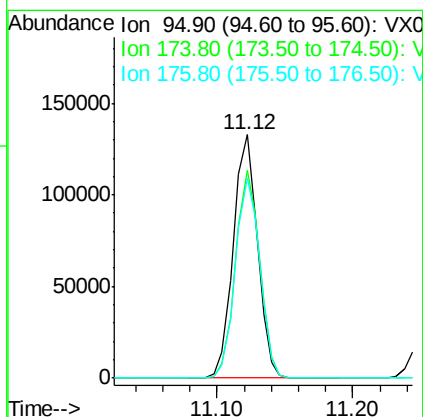
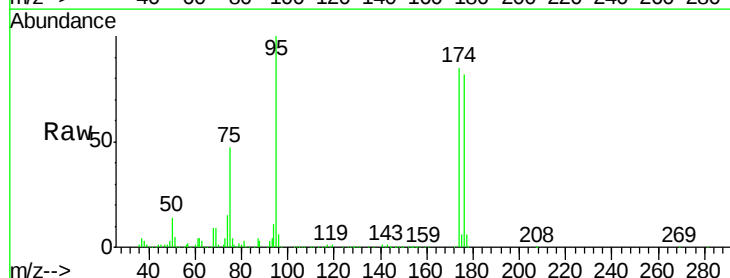
Manual Integrations
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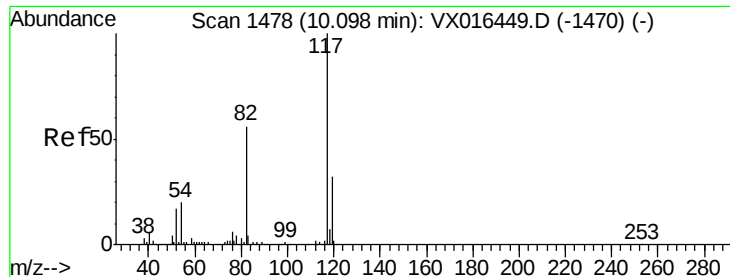
MMDadoda
 6/15/2020 11:10:07 AM



#62
 4-Bromofluorobenzene
 Concen: 51.715 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	163.0
176	83.2	0.0	156.8





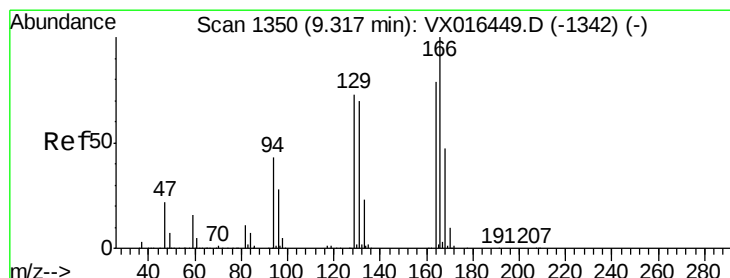
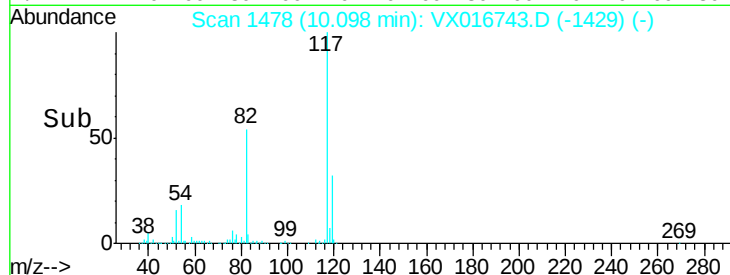
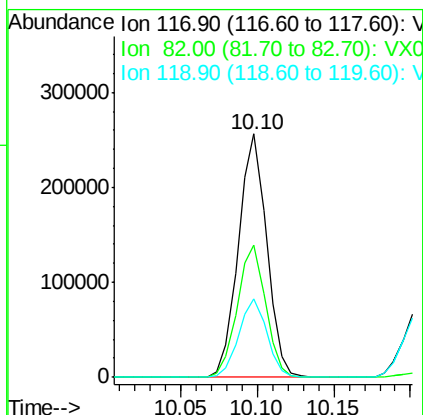
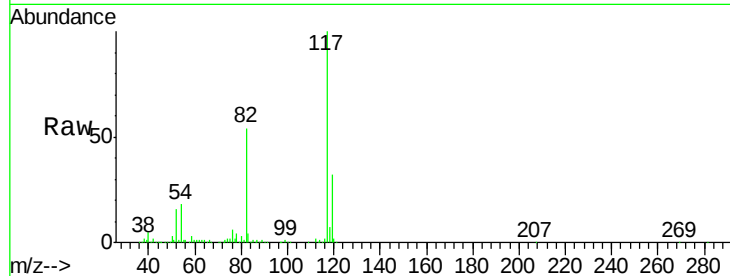
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.0	67.6
119	32.0	25.8	38.8

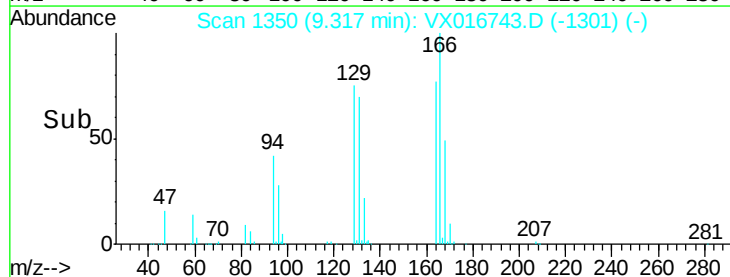
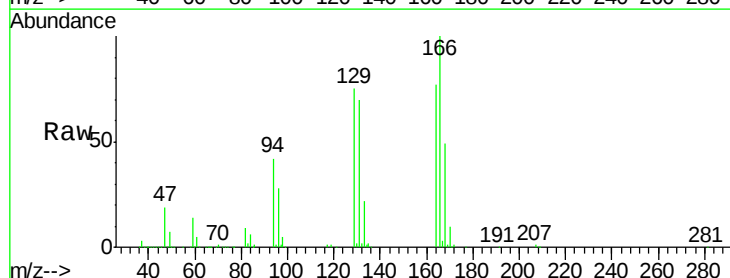
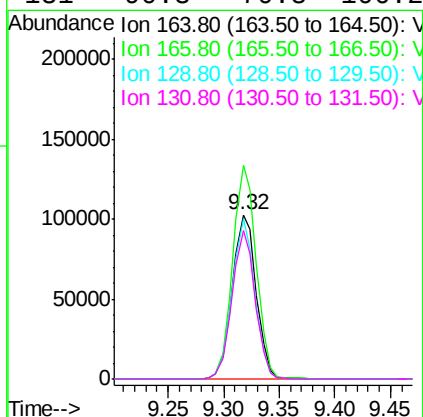
Manual Integrations
APPROVED

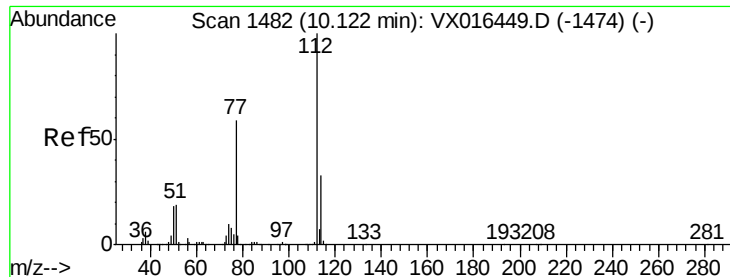
MMDadoda
6/15/2020 11:10:07 AM



#64
Tetrachloroethene
Concen: 41.464 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	100.9	151.3
129	97.3	73.2	109.8
131	90.3	70.8	106.2





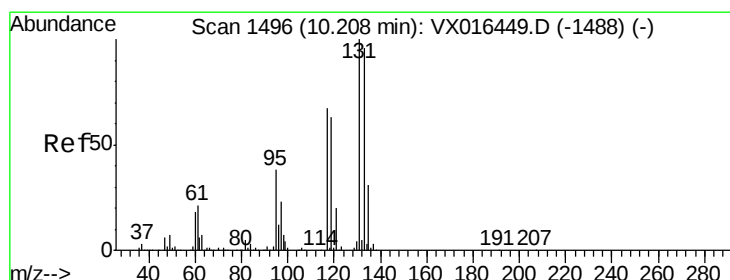
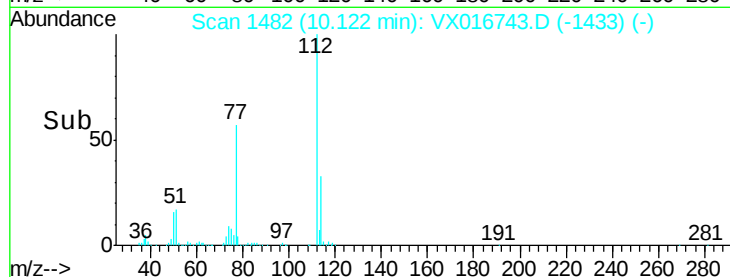
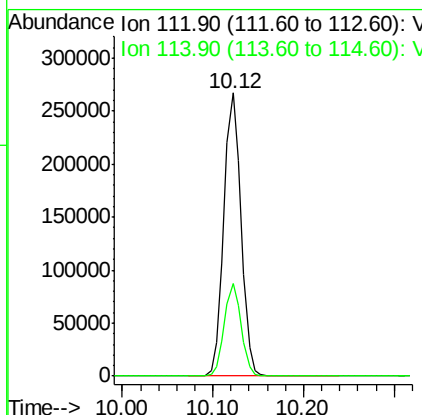
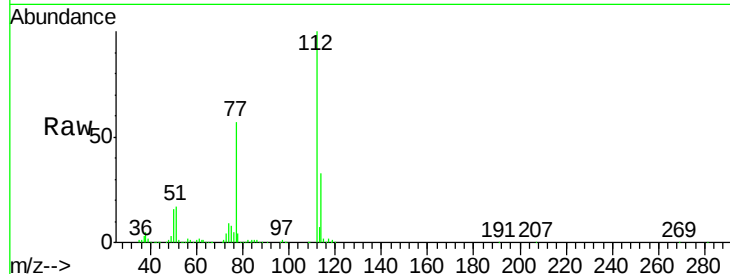
#65
Chlorobenzene
Concen: 52.972 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 354446
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0

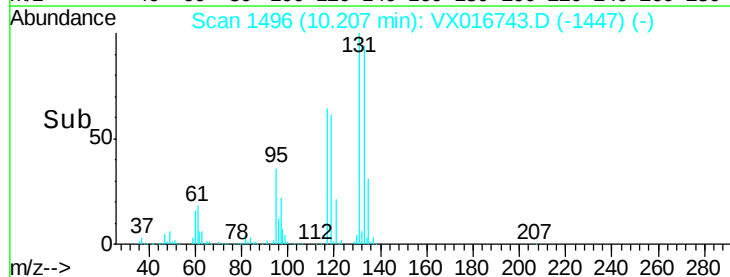
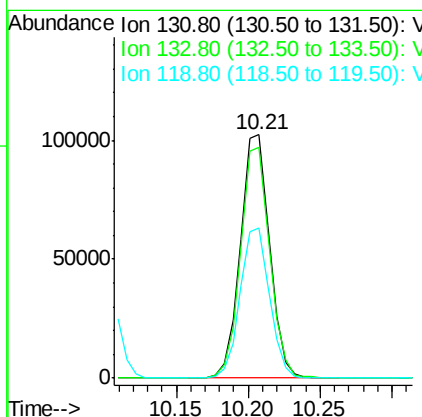
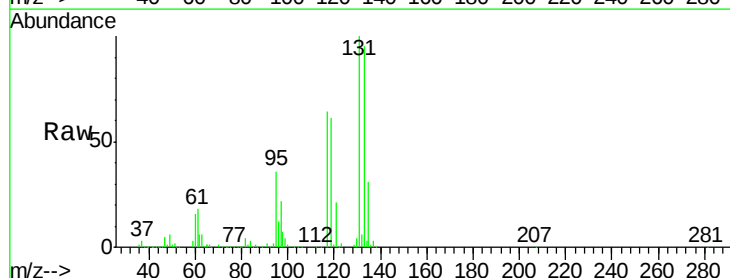
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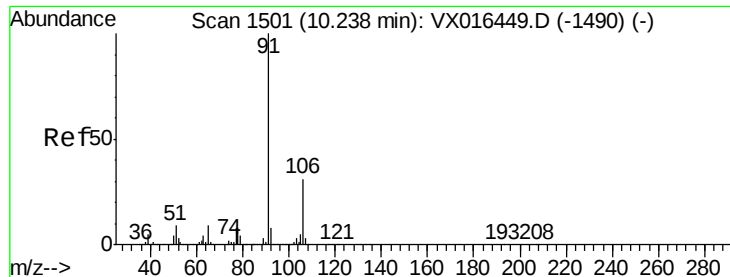
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.310 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion:131 Resp: 143827
Ion Ratio Lower Upper
131 100
133 94.7 48.4 145.3
119 62.2 32.0 96.2





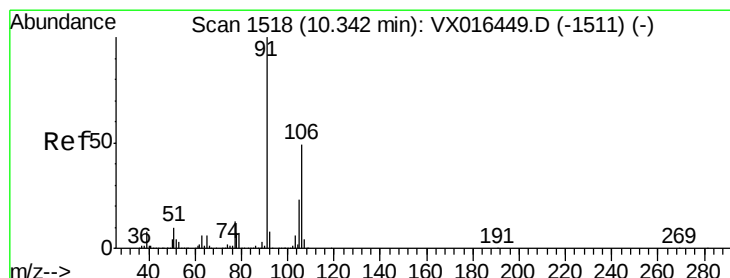
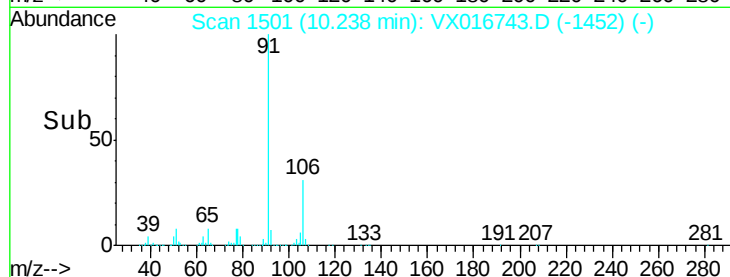
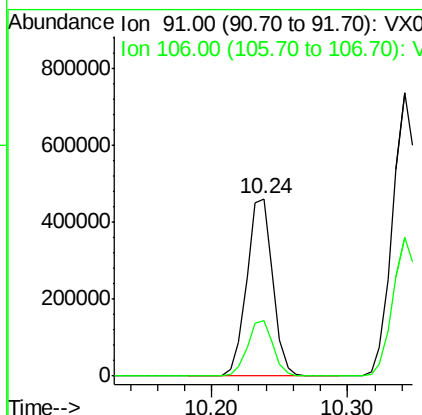
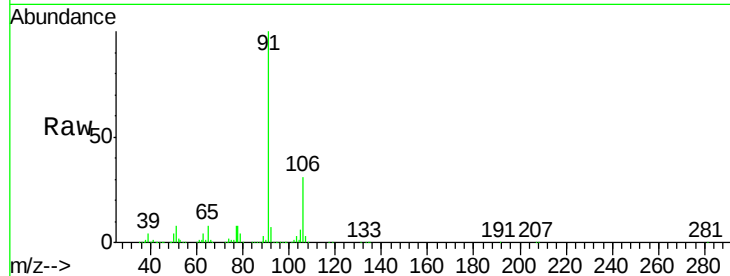
#67
Ethyl Benzene
Concen: 51.490 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 613407
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4

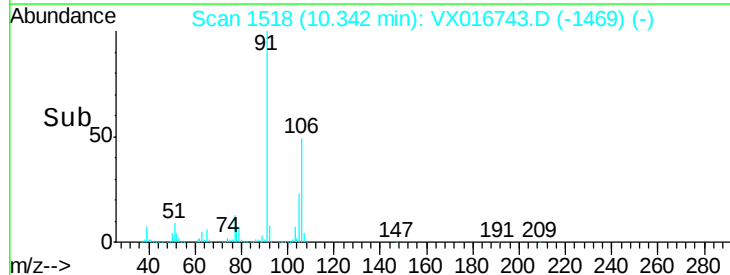
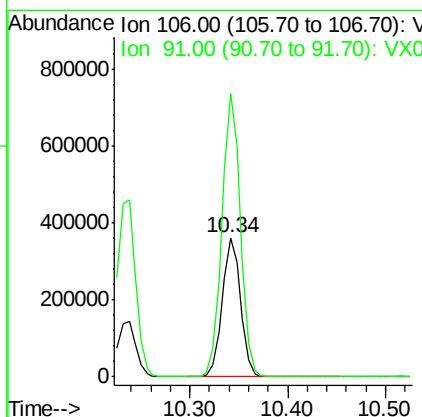
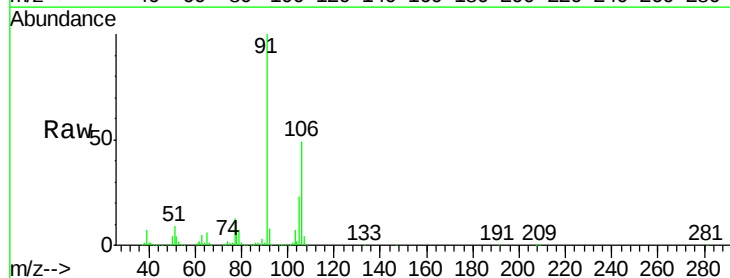
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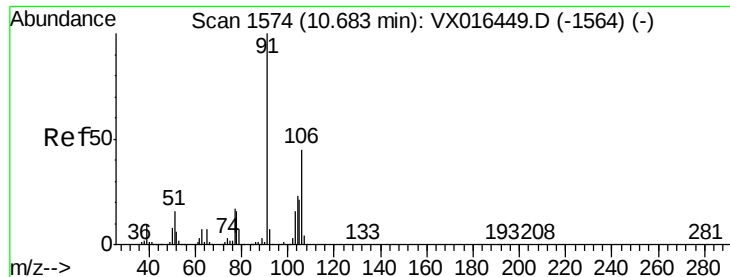
MMDadoda
6/15/2020 11:10:07 AM



#68
m/p-Xylenes
Concen: 106.237 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion: 106 Resp: 469251
Ion Ratio Lower Upper
106 100
91 204.0 163.8 245.8





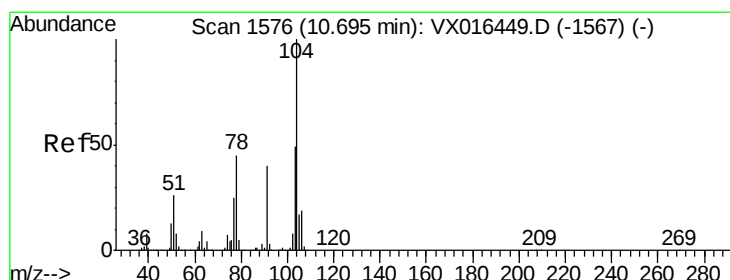
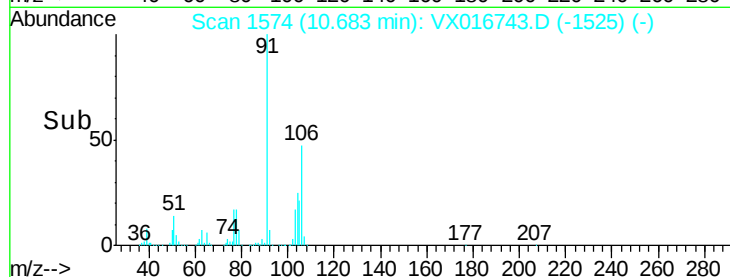
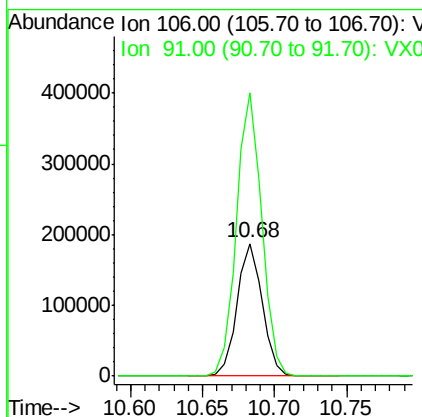
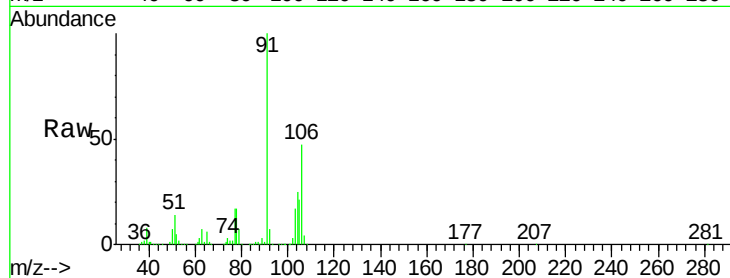
#69
o-Xylene
Concen: 53.565 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 229136
Ion Ratio Lower Upper
106 100
91 214.2 109.6 328.8

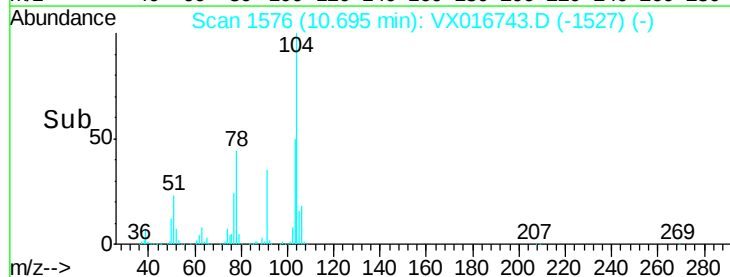
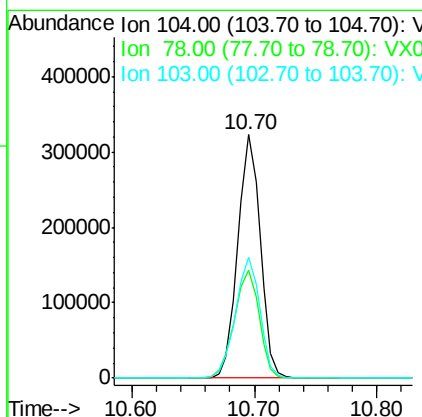
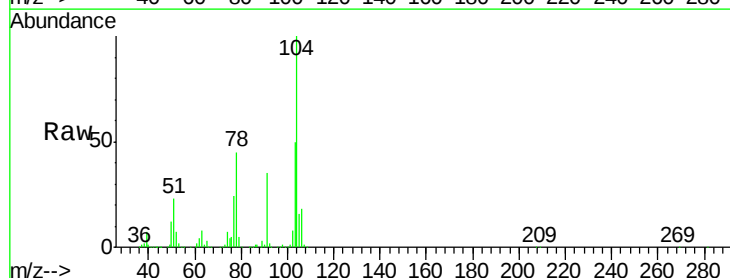
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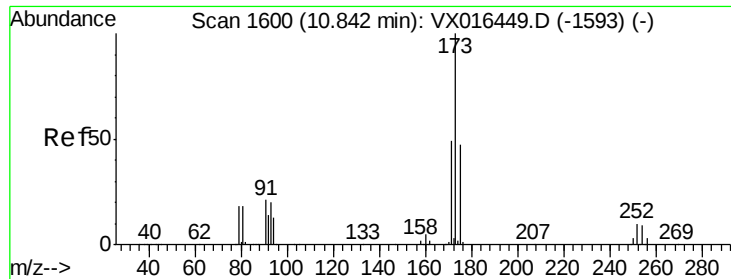
MMDadoda
6/15/2020 11:10:07 AM



#70
Styrene
Concen: 55.632 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion:104 Resp: 409050
Ion Ratio Lower Upper
104 100
78 49.0 40.2 60.2
103 53.8 43.1 64.7





#71

Bromoform

Concen: 60.414 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Instrument :

MSVOA_X

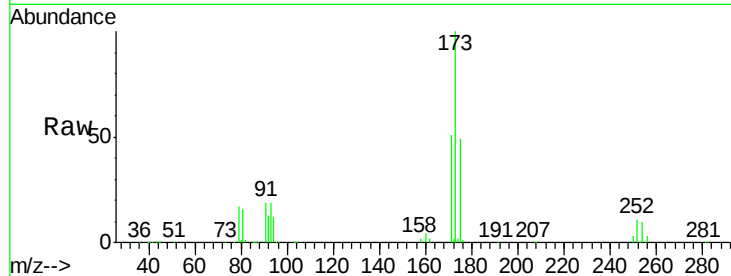
ClientSampleId :

VSTDCCC050EC

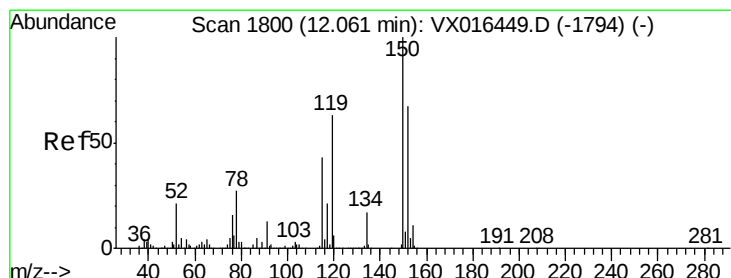
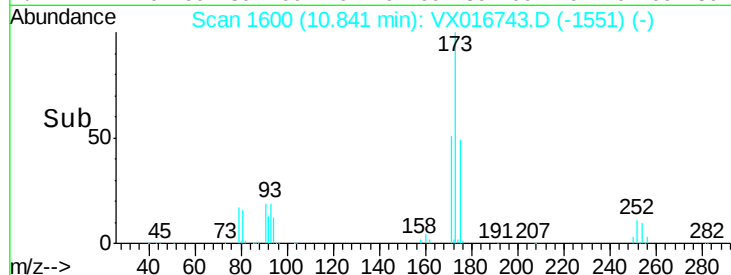
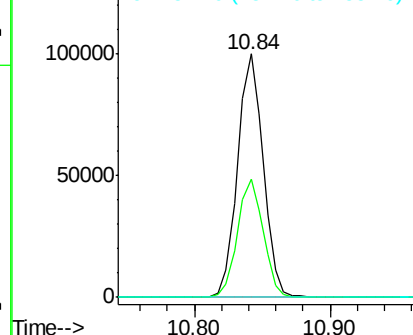
Tgt Ion:	173	Resp:	130412
Ion Ratio	Lower	Upper	
173	100		
175	49.0	23.9	71.7
254	0.1	0.1	0.1

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

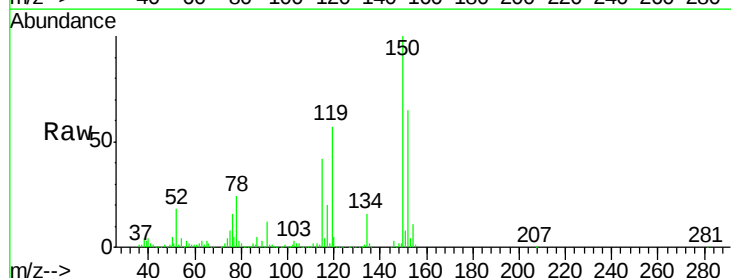
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

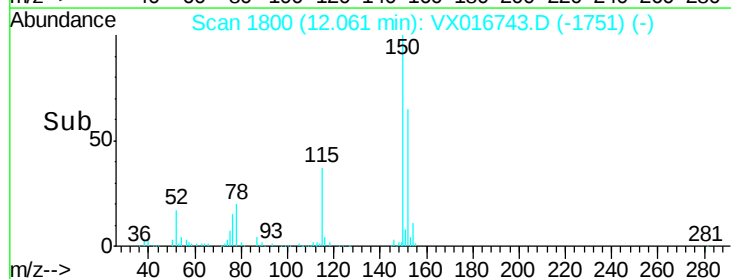
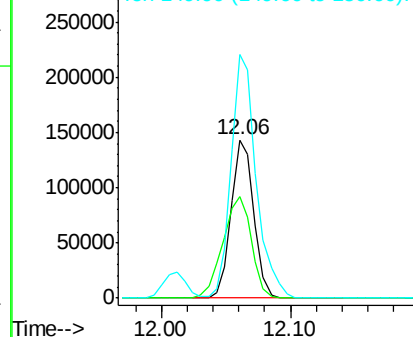
Lab File: VX016743.D

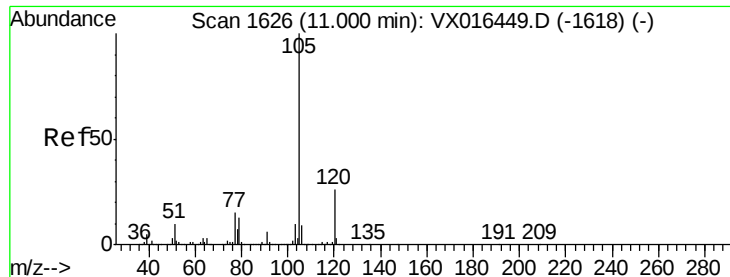
Acq: 12 Jun 2020 20:50

Tgt Ion:	152	Resp:	177131
Ion Ratio	Lower	Upper	
152	100		
115	80.8	39.9	119.6
150	170.5	0.0	341.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.053 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 614309

Ion Ratio Lower Upper

105 100

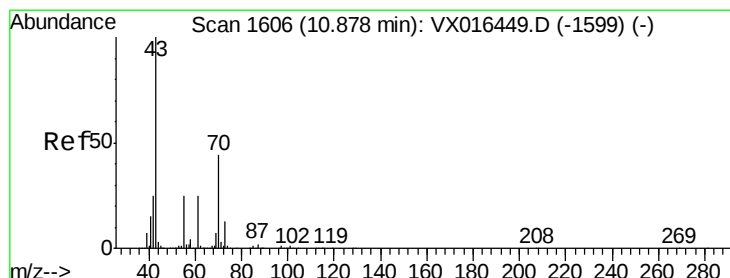
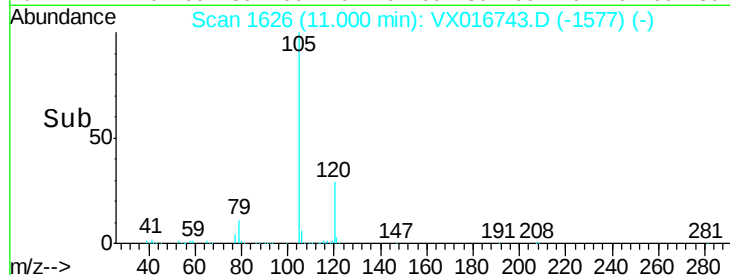
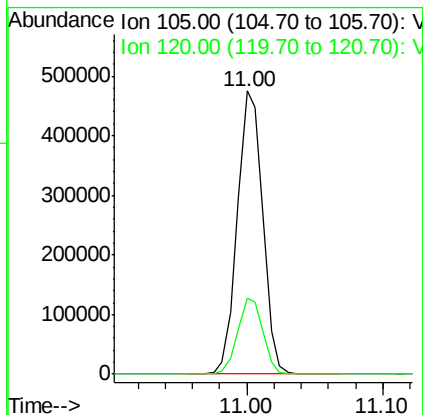
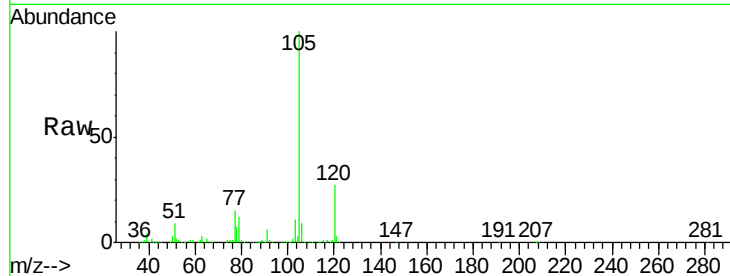
120 26.5 13.1 39.3

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#74

N-ethyl acetate

Concen: 41.583 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Tgt Ion: 43 Resp: 234745

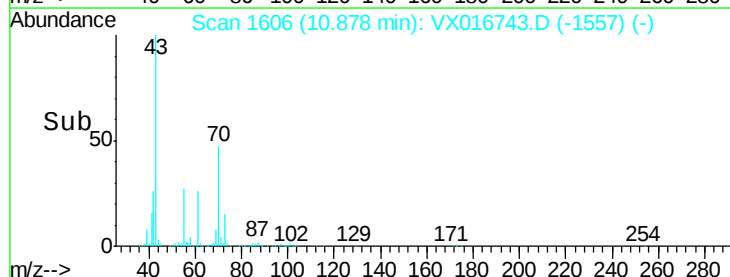
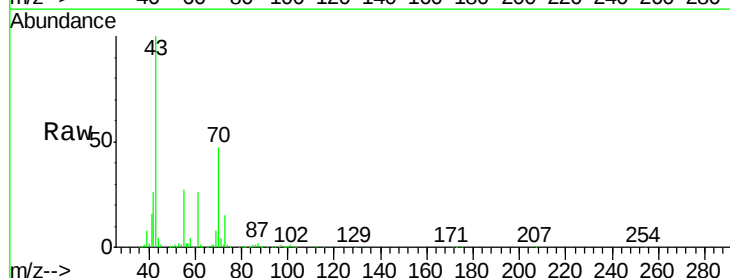
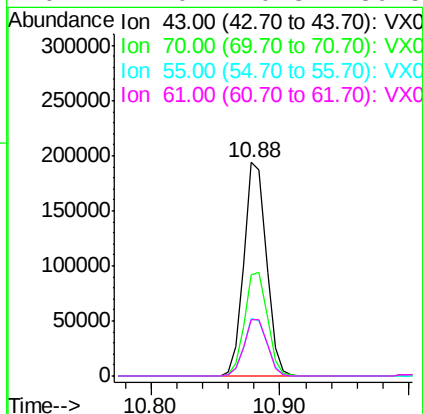
Ion Ratio Lower Upper

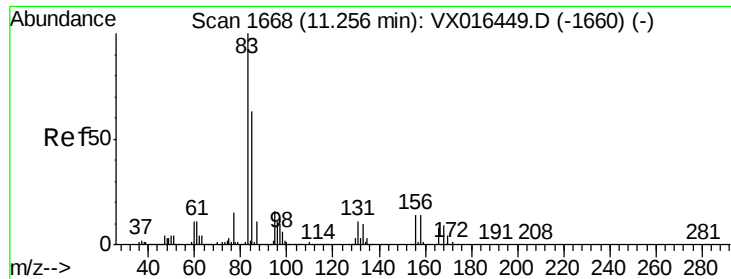
43 100

70 48.8 36.1 54.1

55 27.0 20.2 30.4

61 27.0 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 61.047 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Instrument :

MSVOA_X

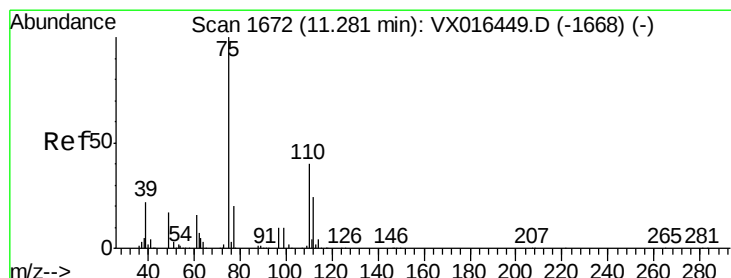
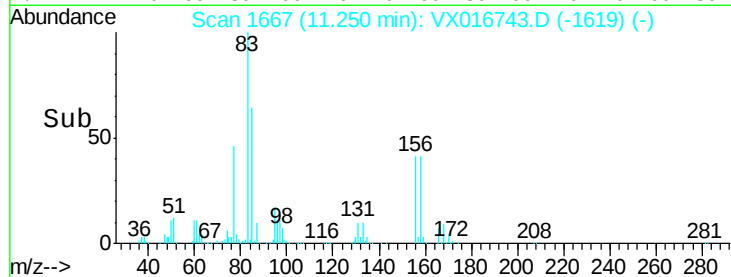
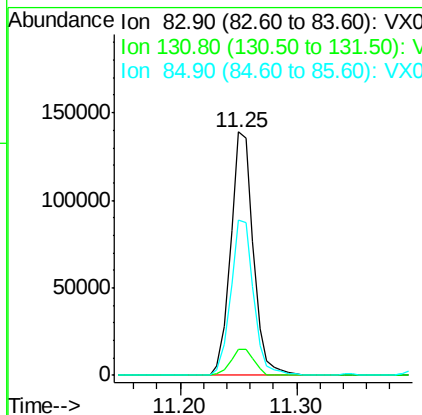
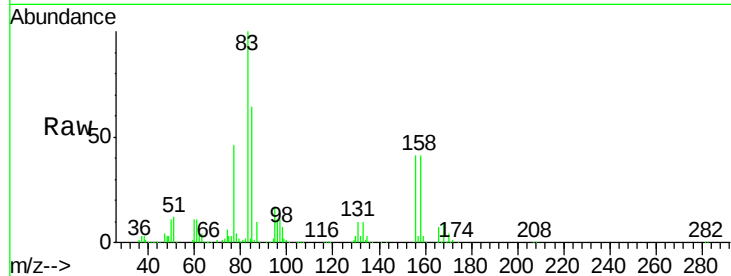
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	187774
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.1	15.3
85	64.6	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 48.959 ug/l m

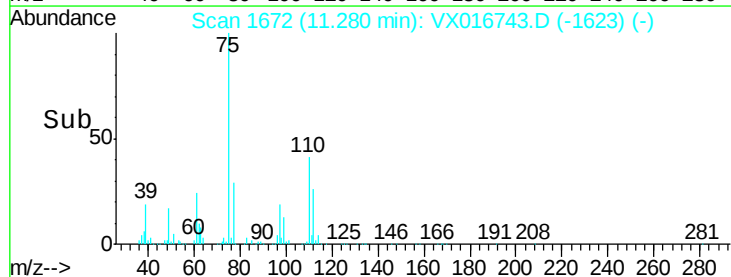
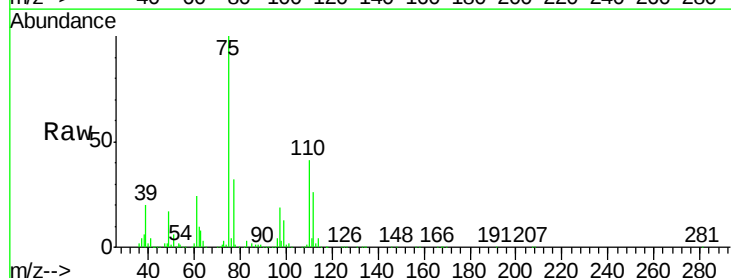
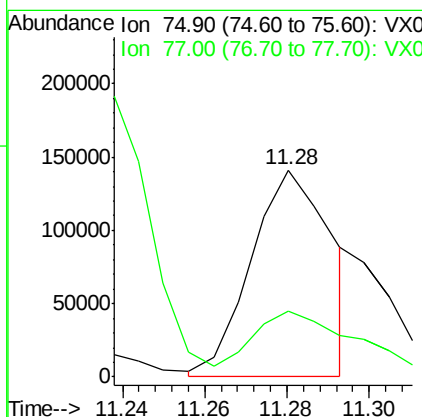
RT: 11.28 min Scan# 1672

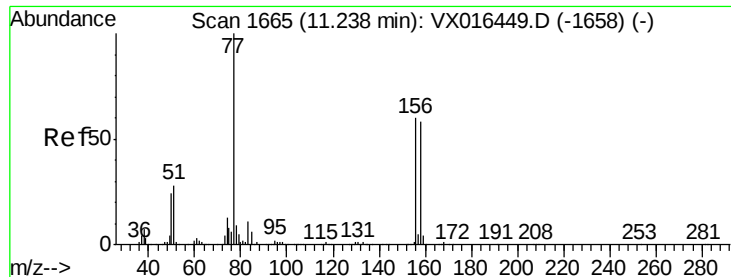
Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Tgt Ion:	75	Resp:	190619
Ion Ratio	Lower	Upper	
75	100		
77	41.9	21.3	63.7





#77

Bromobenzene

Concen: 50.694 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Instrument :

MSVOA_X

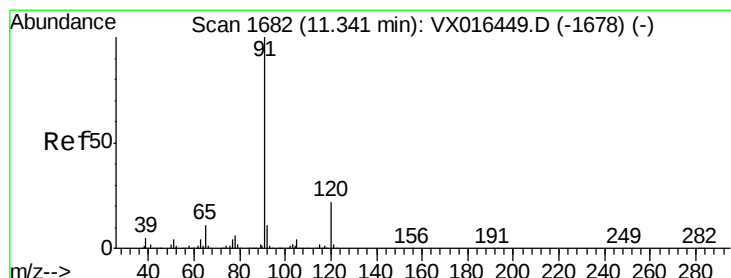
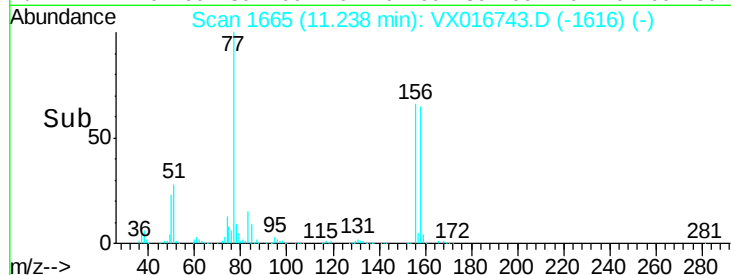
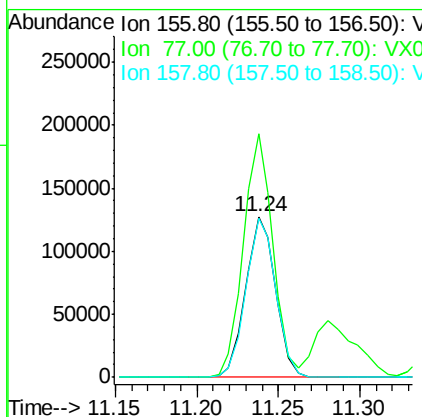
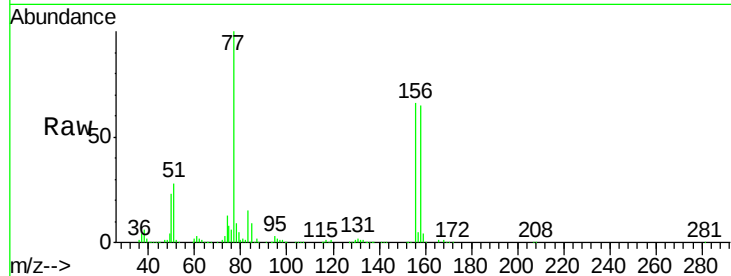
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	163183
Ion Ratio	Lower	Upper	
156	100		
77	149.2	79.6	238.8
158	99.1	48.1	144.4

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6/15/2020 11:10:07 AM



#78

n-propylbenzene

Concen: 49.812 ug/l

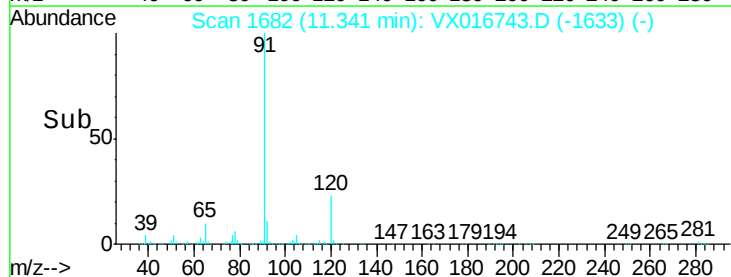
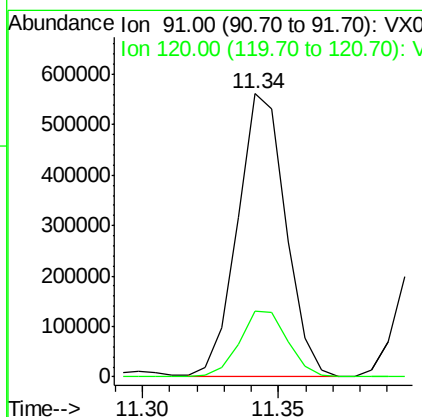
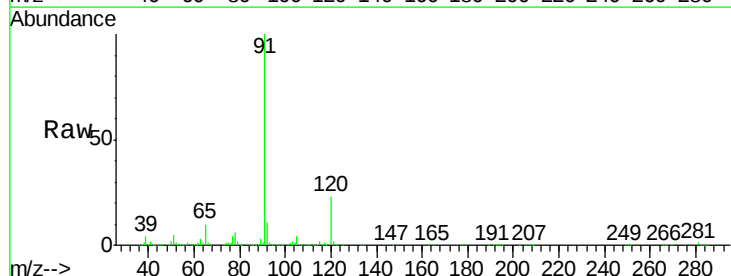
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Tgt Ion:	91	Resp:	683007
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.6	34.7





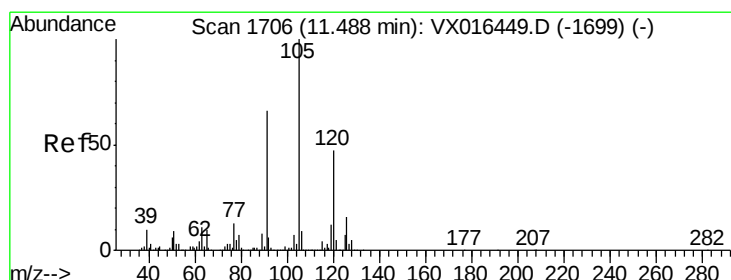
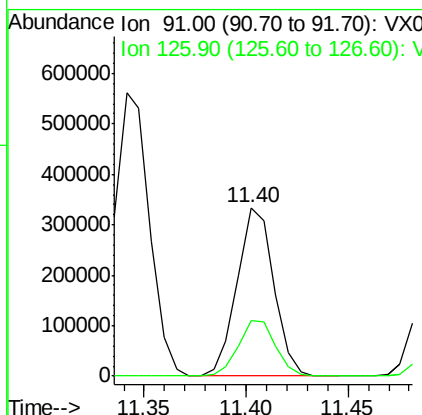
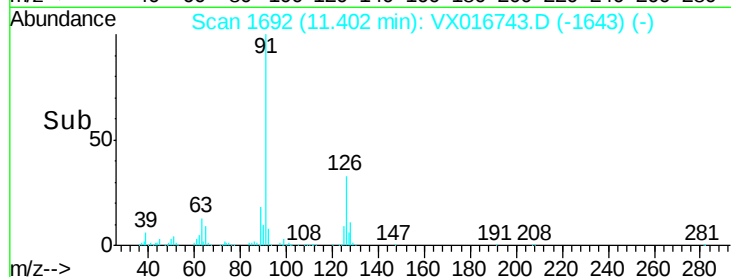
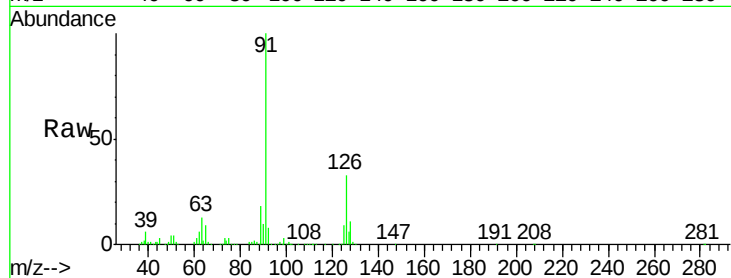
#79
2-Chlorotoluene
Concen: 49.693 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 415905
Ion Ratio Lower Upper
91 100
126 33.9 16.8 50.3

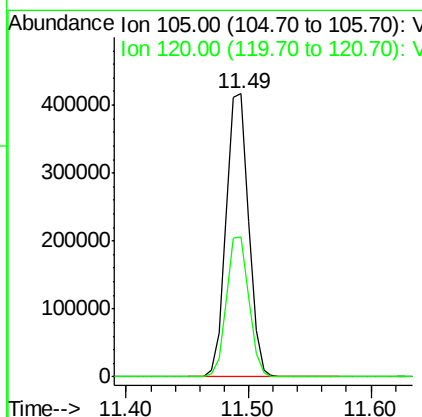
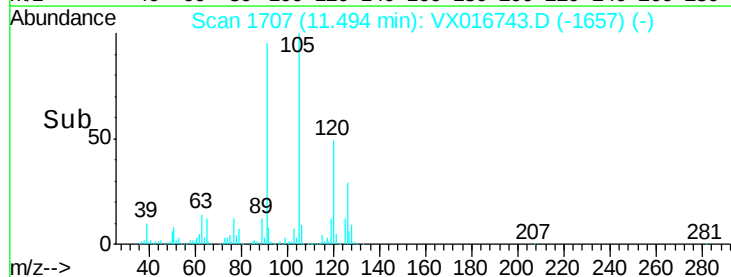
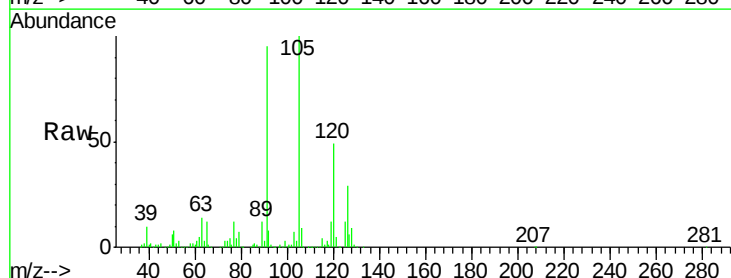
Manual Integrations
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6/15/2020 11:10:07 AM



#80
1,3,5-Trimethylbenzene
Concen: 51.379 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion: 105 Resp: 526524
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.598 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Instrument :

MSVOA_X

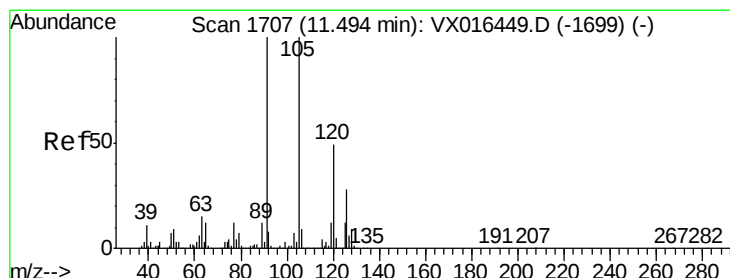
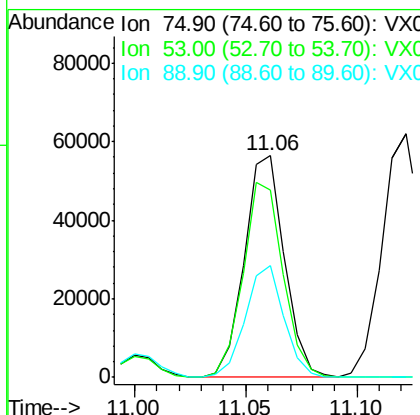
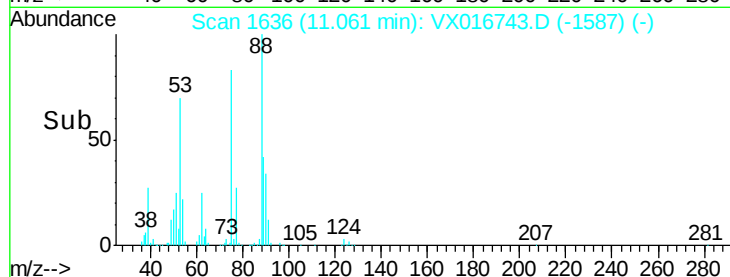
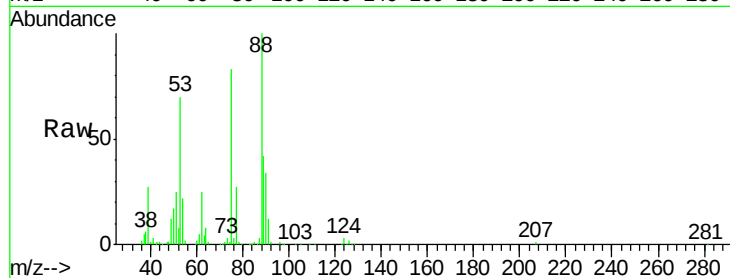
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	70589
Ion	Ratio	Lower	Upper
75	100		
53	88.3	71.3	106.9
89	48.9	36.6	55.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.991 ug/l

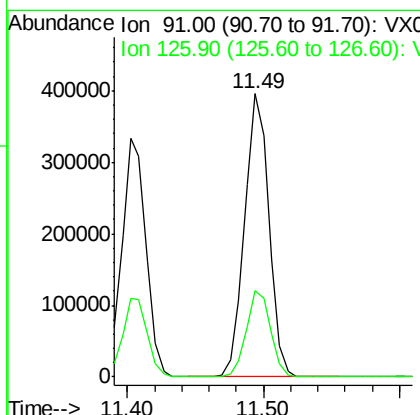
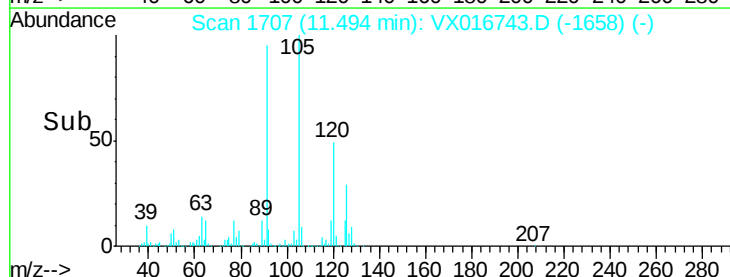
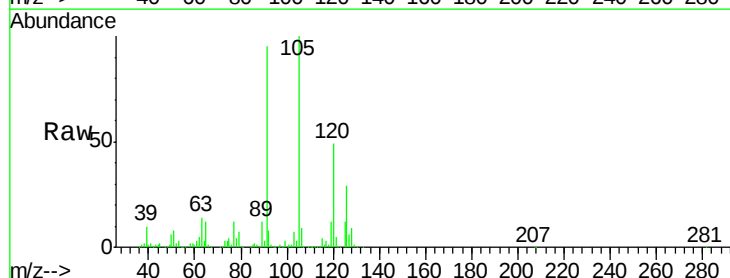
RT: 11.49 min Scan# 1707

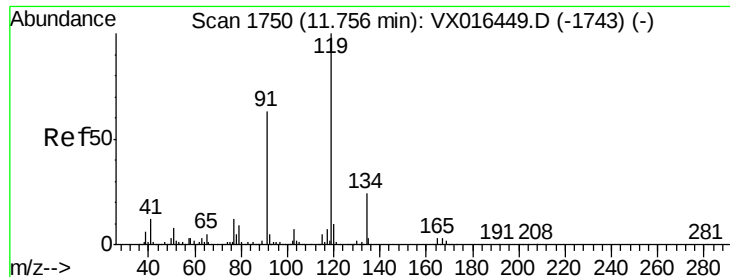
Delta R.T. -0.00 min

Lab File: VX016743.D

Acq: 12 Jun 2020 20:50

Tgt Ion:	91	Resp:	494091
Ion	Ratio	Lower	Upper
91	100		
126	30.2	14.7	44.1





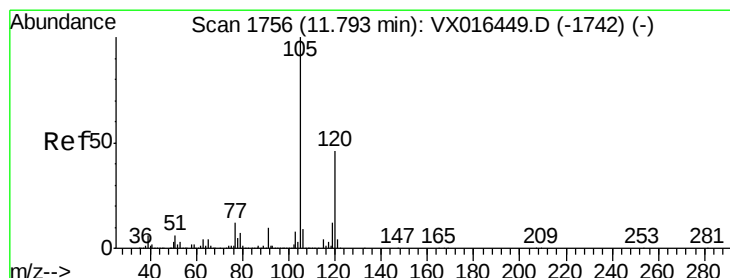
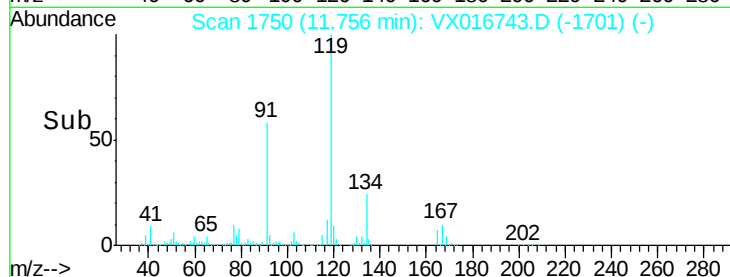
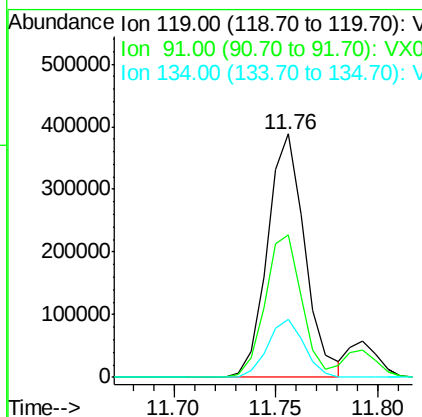
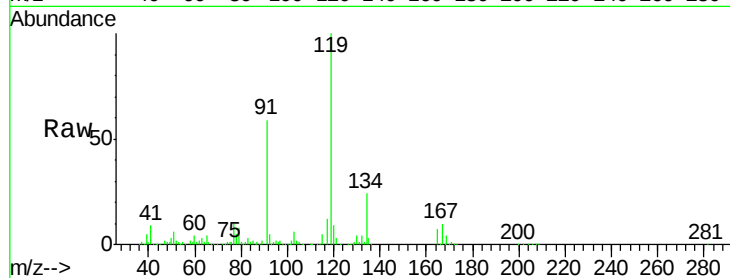
#83
tert-Butylbenzene
Concen: 56.616 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	495747		
91	57.3	31.3	93.8	
134	23.2	12.0	36.0	

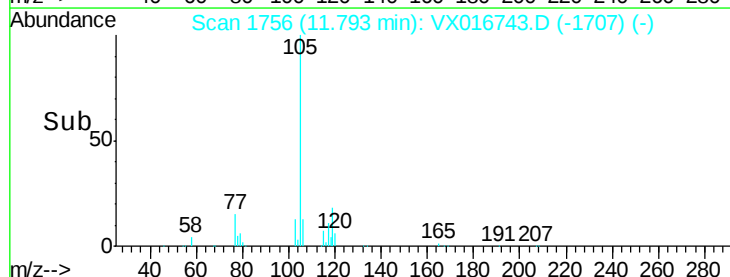
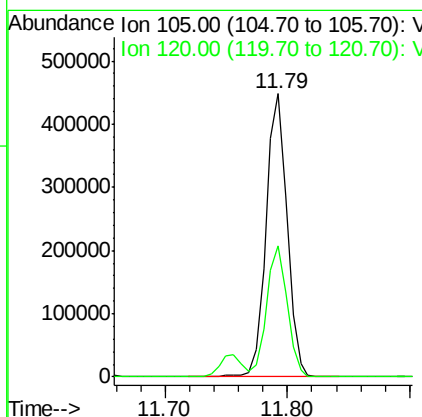
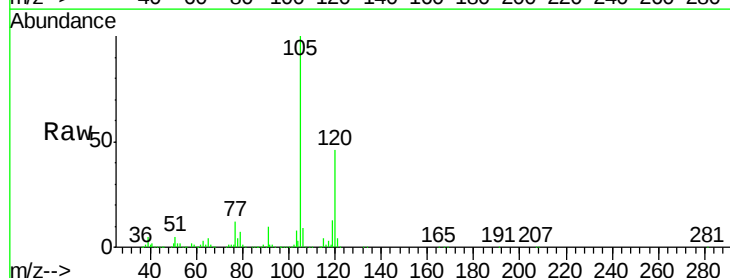
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 51.635 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	535136		
120	45.6	22.6	67.7	





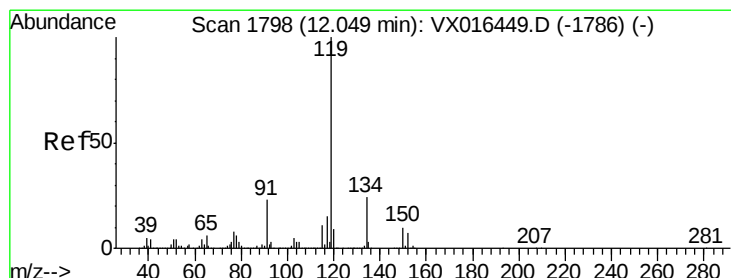
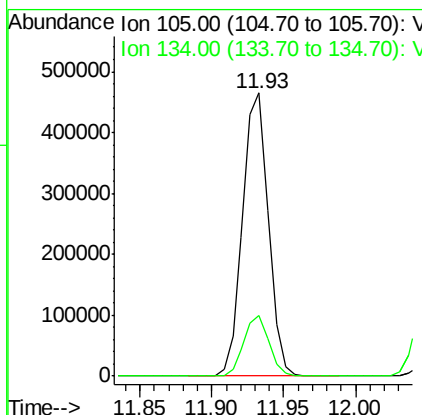
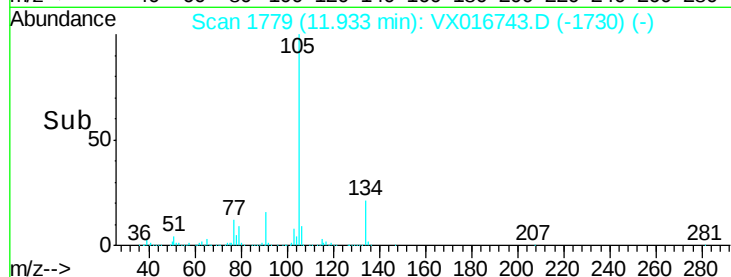
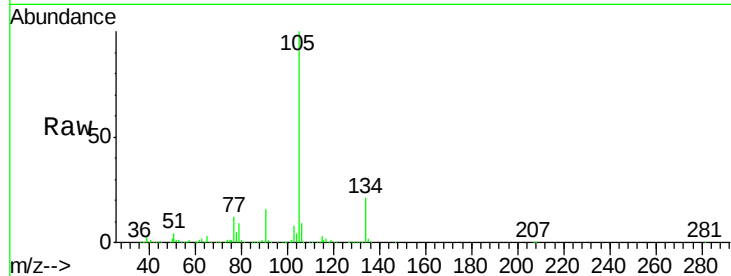
#85
 sec-Butylbenzene
 Concen: 52.439 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.1	30.3

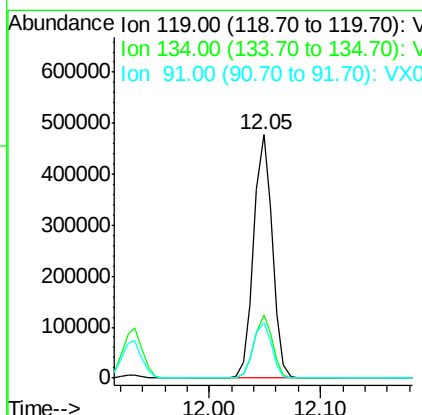
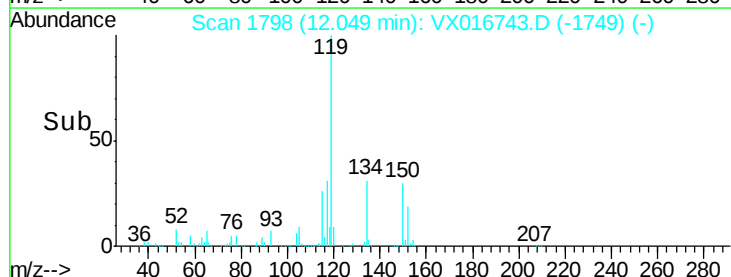
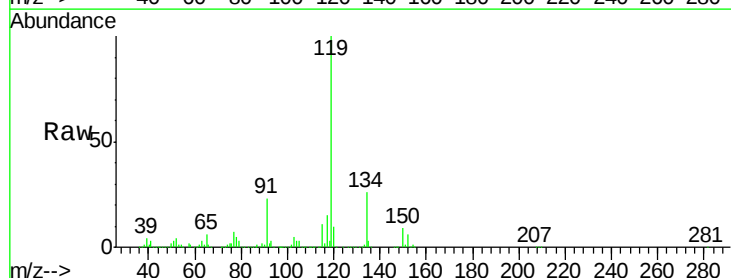
Manual Integrations
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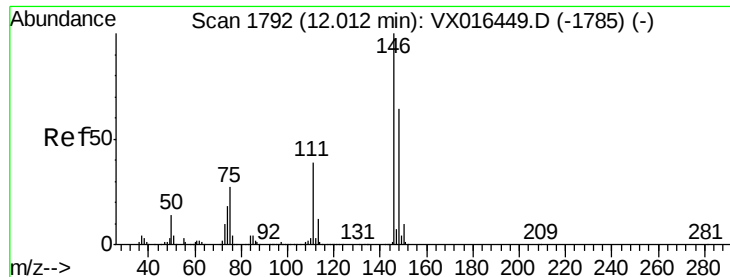
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#86
 p-Isopropyltoluene
 Concen: 54.047 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.7	38.0
91	23.1	11.7	35.0





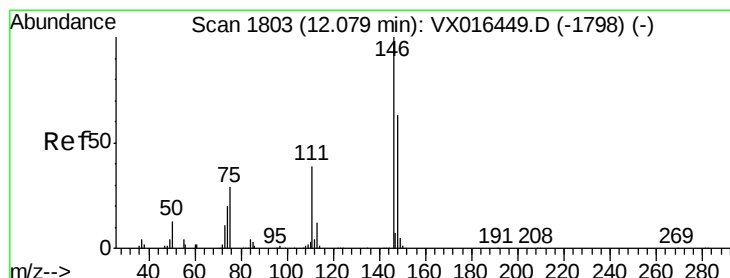
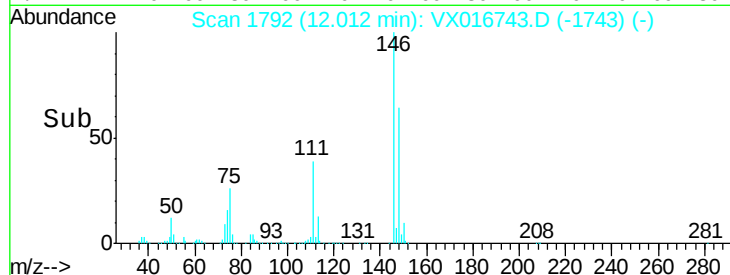
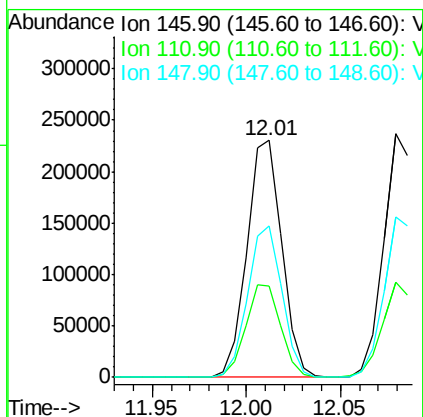
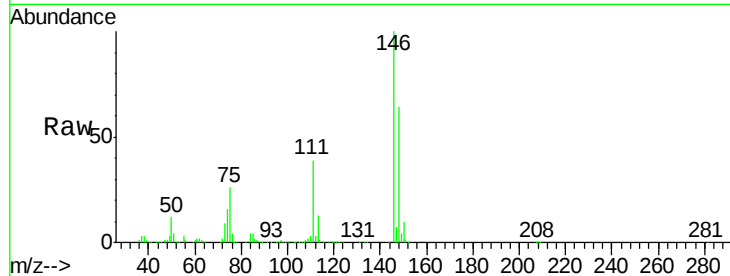
#87
 1,3-Dichlorobenzene
 Concen: 52.980 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	295460		
111	39.3	20.0	60.0	
148	63.0	31.9	95.5	

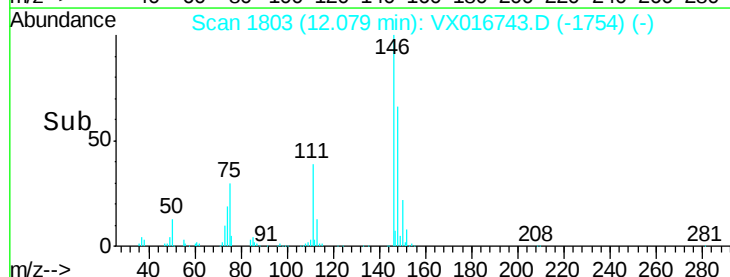
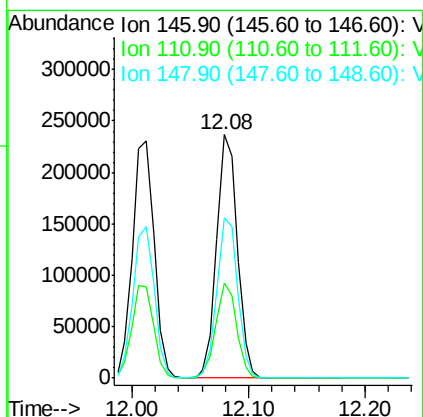
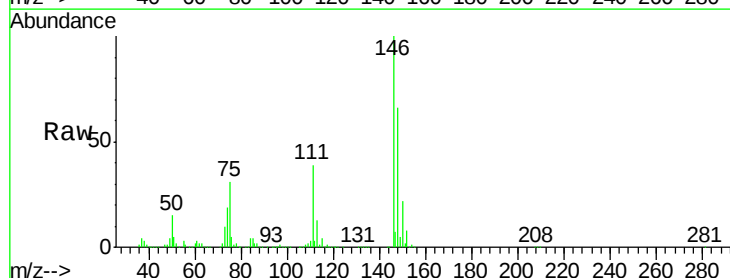
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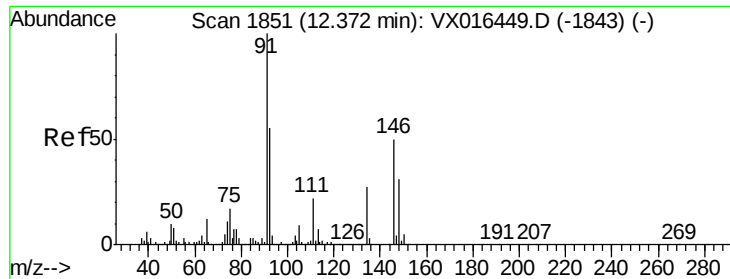
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#88
 1,4-Dichlorobenzene
 Concen: 50.845 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	290007		
111	39.1	19.4	58.2	
148	66.2	31.4	94.3	





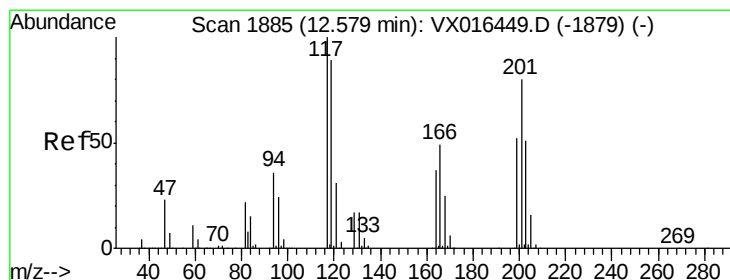
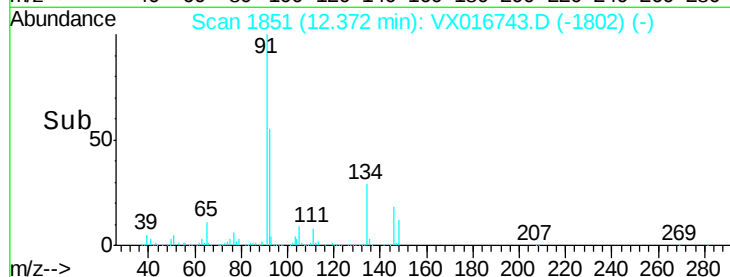
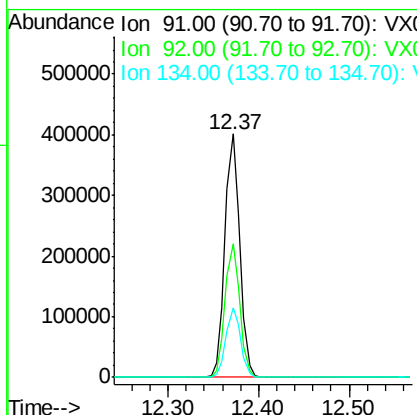
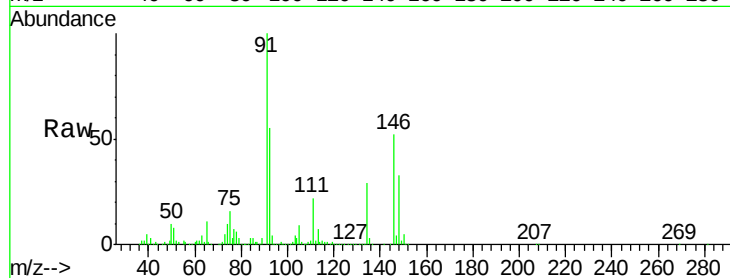
#89
n-Butylbenzene
Concen: 53.345 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.5
134	28.1	13.1	39.3

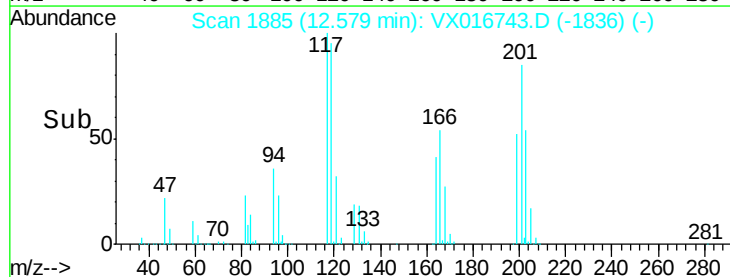
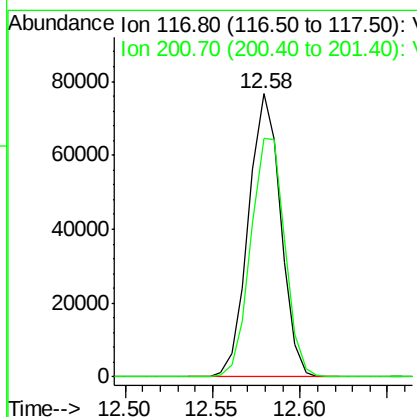
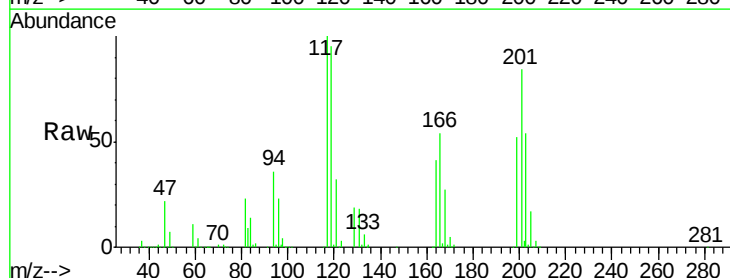
Manual Integrations
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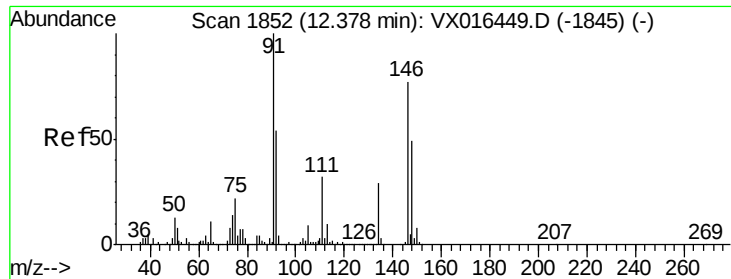
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#90
Hexachloroethane
Concen: 55.590 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.2	43.1	129.3





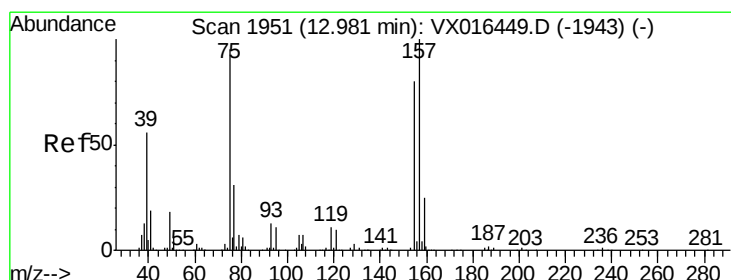
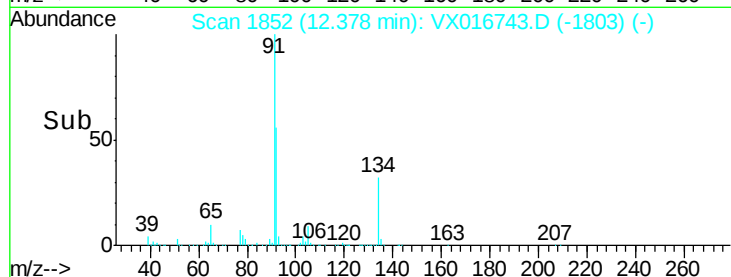
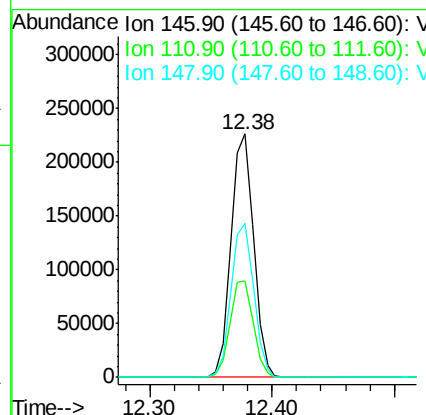
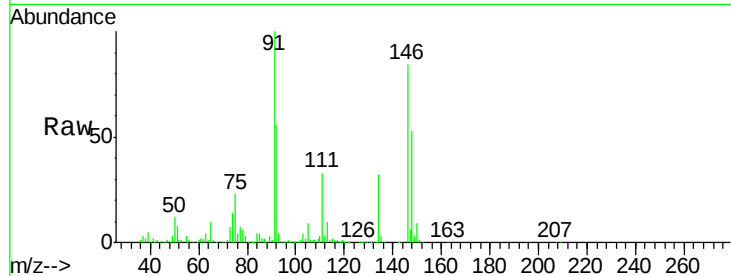
#91
 1,2-Dichlorobenzene
 Concen: 53.177 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	287319		
111	40.8	21.4	64.3	
148	63.7	31.9	95.7	

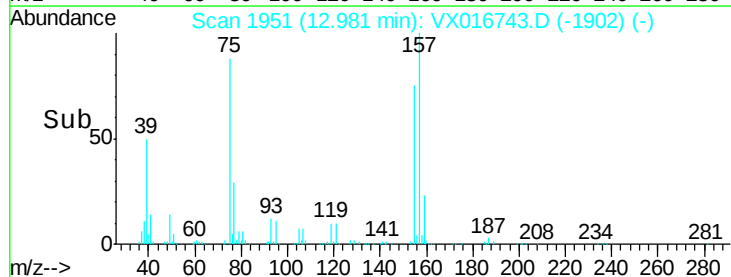
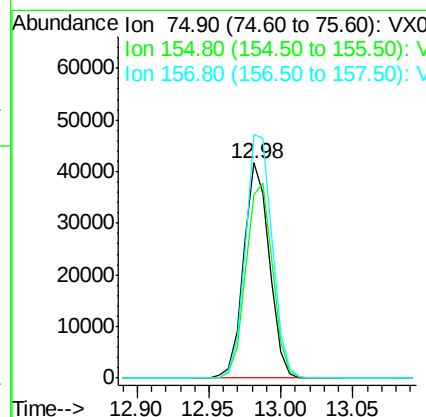
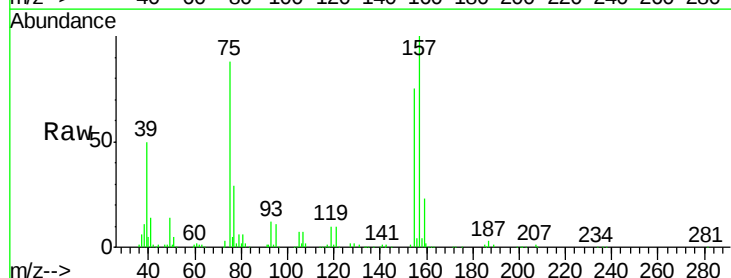
Manual Integrations
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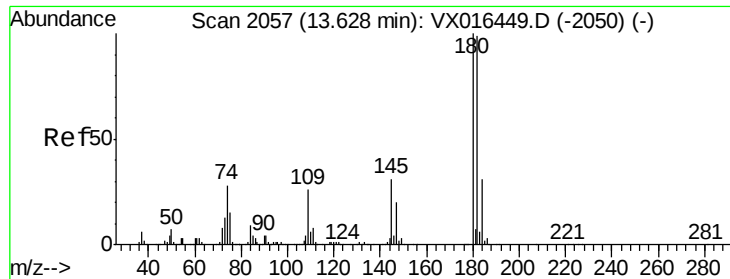
MMDadoda
 6/15/2020 11:10:07 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.416 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	51226		
155	94.4	44.1	132.4	
157	118.1	57.8	173.3	





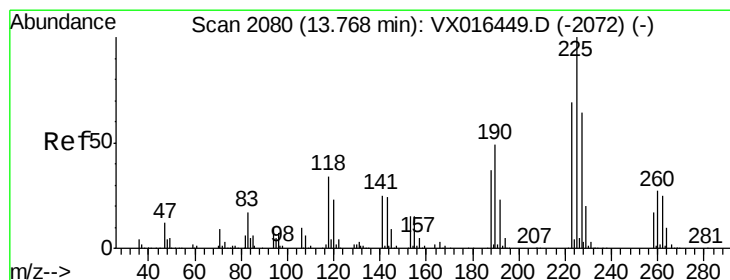
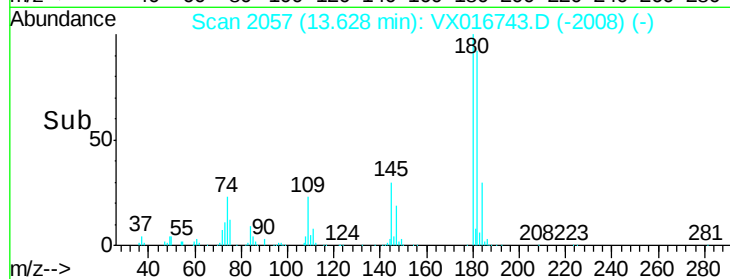
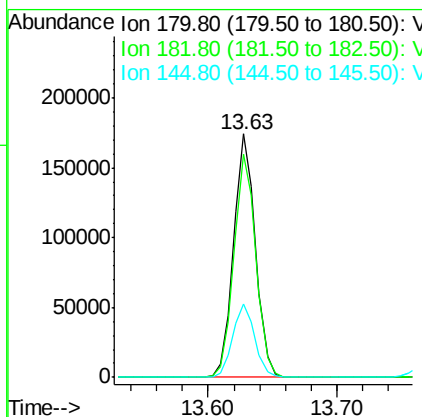
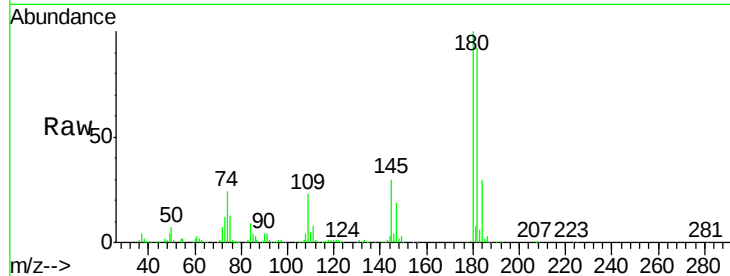
#93
 1,2,4-Trichlorobenzene
 Concen: 57.315 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	205668		
182	92.6	48.3	144.8	
145	30.5	15.4	46.2	

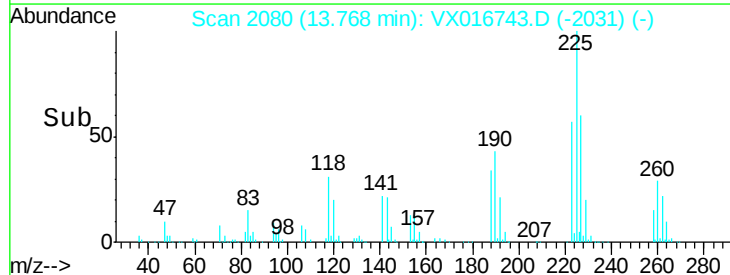
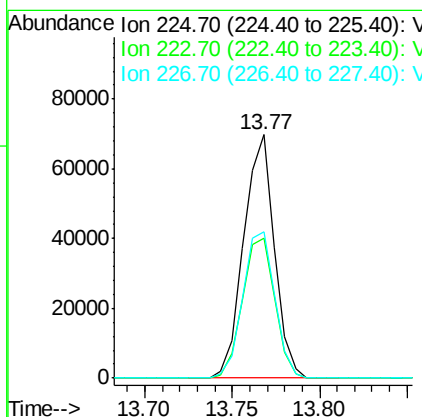
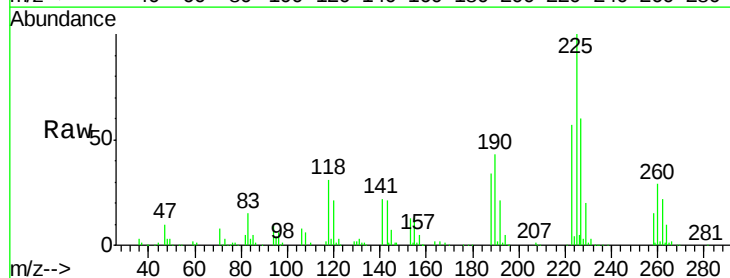
Manual Integrations
 APPROVED

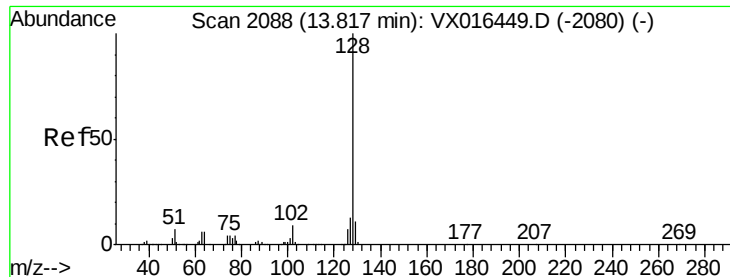
MMDadoda
 6/15/2020 11:10:07 AM



#94
 Hexachlorobutadiene
 Concen: 60.274 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016743.D
 Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84919		
223	60.9	32.3	96.8	
227	62.8	31.6	94.7	





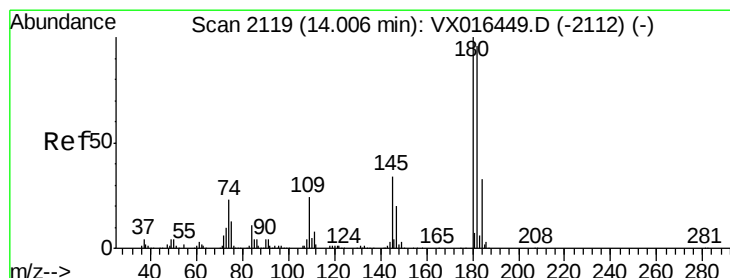
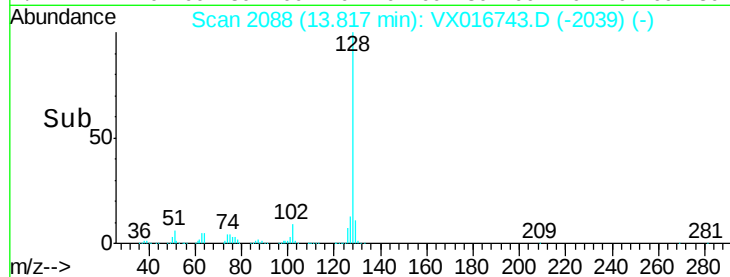
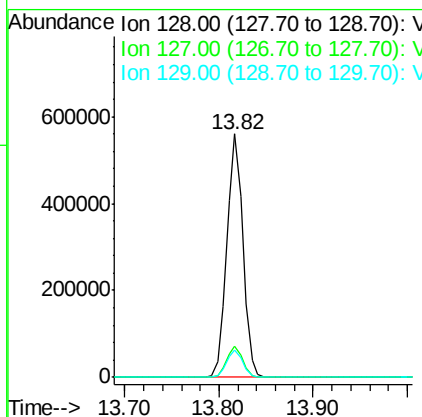
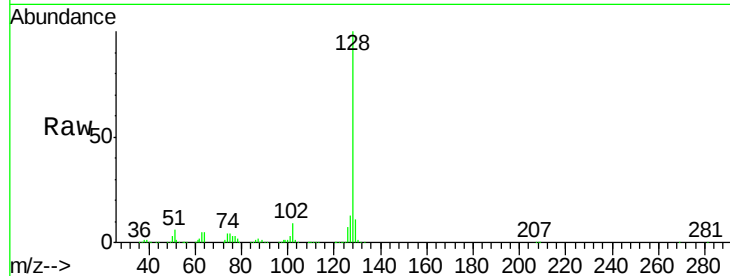
#95
Naphthalene
Concen: 53.738 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/15/2020 11:10:07 AM



#96
1,2,3-Trichlorobenzene
Concen: 57.738 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016743.D
Acq: 12 Jun 2020 20:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.6	145.8
145	31.7	16.6	49.8

