

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO050420\
 Data File : VX016049.D
 Acq On : 04 May 2020 20:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:35:33 AM

Quant Time: May 05 09:06:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:11:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	308948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	500069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	474784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	242420	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	196877	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	5.47	113	151306	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
50) Toluene-d8	8.70	98	588871	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	11.12	95	227288	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	161652	49.433	ug/l	100
3) Chloromethane	1.31	50	181017	47.665	ug/l	99
4) Vinyl Chloride	1.39	62	197537	48.753	ug/l	98
5) Bromomethane	1.62	94	99273	48.599	ug/l	97
6) Chloroethane	1.70	64	124806	50.625	ug/l	97
7) Trichlorofluoromethane	1.91	101	267176	50.227	ug/l	99
8) Diethyl Ether	2.17	74	111176	49.604	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	153954	50.165	ug/l	100
10) Methyl Iodide	2.49	142	180588	43.808	ug/l	99
11) Tert butyl alcohol	3.02	59	252311	245.428	ug/l	100
12) 1,1-Dichloroethene	2.36	96	156627	48.770	ug/l	94
13) Acrolein	2.27	56	134473	209.031	ug/l	100
14) Allyl chloride	2.71	41	285684	48.515	ug/l	99
15) Acrylonitrile	3.12	53	515562	241.743	ug/l	100
16) Acetone	2.42	43	445852	245.789	ug/l	100
17) Carbon Disulfide	2.55	76	474128	49.157	ug/l	99
18) Methyl Acetate	2.75	43	217222	48.703	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	558449	50.442	ug/l	98
20) Methylene Chloride	2.84	84	178443	47.719	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	171937	48.042	ug/l	100
22) Diisopropyl ether	3.82	45	553645	49.837	ug/l	99
23) Vinyl Acetate	3.79	43	2482667	254.018	ug/l	100
24) 1,1-Dichloroethane	3.67	63	309293	49.770	ug/l	99
25) 2-Butanone	4.64	43	728550	249.245	ug/l	99
26) 2,2-Dichloropropane	4.56	77	247077	43.536	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	192184	49.120	ug/l	99
28) Bromochloromethane	4.98	49	137675	48.585	ug/l	100
29) Tetrahydrofuran	5.09	42	478357	246.983	ug/l	100
30) Chloroform	5.18	83	309456	50.013	ug/l	99
31) Cyclohexane	5.55	56	283361	50.173	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	283763	50.453	ug/l	99
36) 1,1-Dichloropropene	5.77	75	236519	48.049	ug/l	99
37) Ethyl Acetate	4.79	43	281504	49.341	ug/l	99
38) Carbon Tetrachloride	5.76	117	248777	49.722	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	284813	48.045	ug/l	98
40) Benzene	6.12	78	698251	48.480	ug/l	99
41) Methacrylonitrile	5.01	41	154815	50.246	ug/l	98
42) 1,2-Dichloroethane	6.17	62	255669	49.277	ug/l	99
43) Isopropyl Acetate	6.42	43	446678	49.069	ug/l	100
44) Trichloroethene	7.19	130	232871	45.511	ug/l	99
45) 1,2-Dichloropropane	7.49	63	179531	49.262	ug/l	99
46) Dibromomethane	7.64	93	122140	49.317	ug/l	99
47) Bromodichloromethane	7.88	83	251499	49.860	ug/l	99
48) Methyl methacrylate	7.74	41	213803	49.567	ug/l	100
49) 1,4-Dioxane	7.71	88	101227	978.507	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1395895	250.587	ug/l	100
52) Toluene	8.77	92	444013	49.458	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	287874	47.867	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	301335	47.970	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	177352	50.211	ug/l	99
56) Ethyl methacrylate	9.16	69	293130	50.842	ug/l	99
57) 1,3-Dichloropropane	9.35	76	306162	49.676	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	750281	244.438	ug/l	100
59) 2-Hexanone	9.48	43	1088431	248.804	ug/l	100
60) Dibromochloromethane	9.57	129	198039	50.908	ug/l	100
61) 1,2-Dibromoethane	9.65	107	190769	49.862	ug/l	100
64) Tetrachloroethene	9.32	164	266979	45.805	ug/l	99
65) Chlorobenzene	10.12	112	472757	47.554	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	181969	49.523	ug/l	98
67) Ethyl Benzene	10.24	91	849550	47.894	ug/l	100
68) m/p-Xylenes	10.34	106	644870	97.035	ug/l	100
69) o-Xylene	10.68	106	309448	48.441	ug/l	100
70) Styrene	10.70	104	534628	49.331	ug/l	100
71) Bromoform	10.84	173	146952	49.087	ug/l	99
73) Isopropylbenzene	11.00	105	839402	47.606	ug/l	99
74) N-amyl acetate	10.88	43	388952	47.292	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	176311	46.324	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	257315m	46.775	ug/l	
77) Bromobenzene	11.24	156	206438	45.359	ug/l	98
78) n-propylbenzene	11.35	91	960321	46.817	ug/l	100
79) 2-Chlorotoluene	11.41	91	565336	46.691	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	703013	47.222	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	105394	45.657	ug/l	99
82) 4-Chlorotoluene	11.49	91	664084	46.446	ug/l	99
83) tert-Butylbenzene	11.76	119	606629	47.282	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	710771	47.224	ug/l	99
85) sec-Butylbenzene	11.93	105	804691	46.453	ug/l	100
86) p-Isopropyltoluene	12.05	119	743697	46.240	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	374664	45.848	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	372154	44.870	ug/l	99
89) n-Butylbenzene	12.37	91	670580	45.640	ug/l	100
90) Hexachloroethane	12.58	117	131253	47.518	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	357469	45.430	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	65648	45.279	ug/l	99

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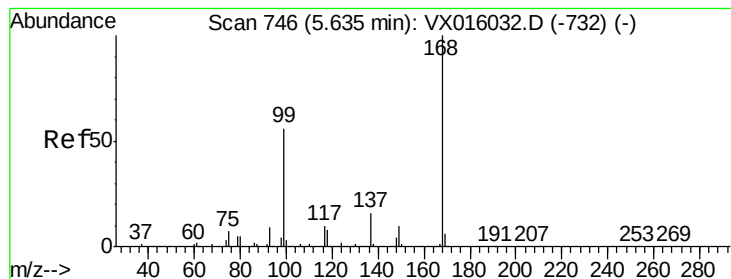
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	260813	44.770	ug/l	98
94) Hexachlorobutadiene	13.77	225	111265	44.414	ug/l	97
95) Naphthalene	13.82	128	871181	46.184	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	257308	45.194	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 308948

Ion Ratio Lower Upper

168 100

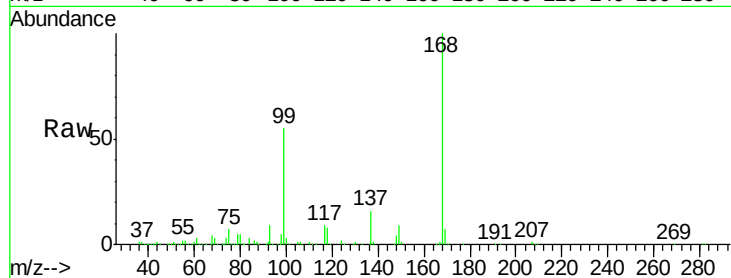
99 55.0 45.0 67.4

Manual Integrations

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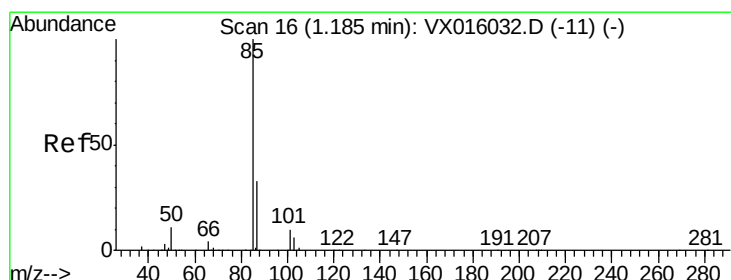
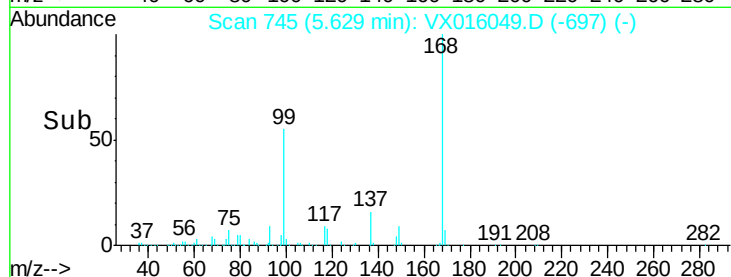
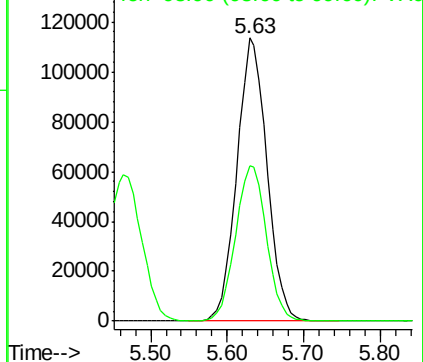
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.433 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016049.D

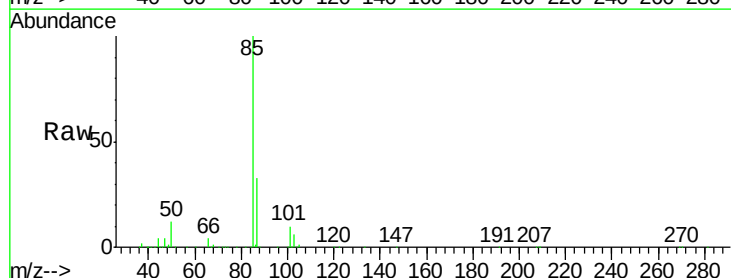
Acq: 04 May 2020 20:32

Tgt Ion: 85 Resp: 161652

Ion Ratio Lower Upper

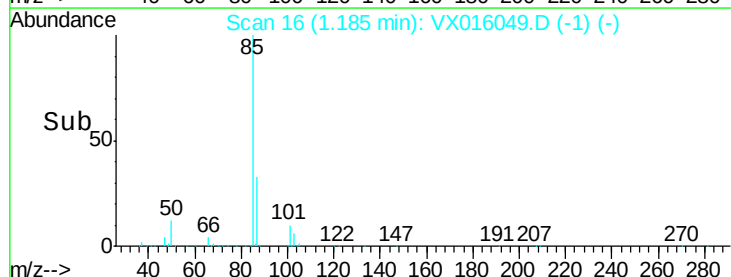
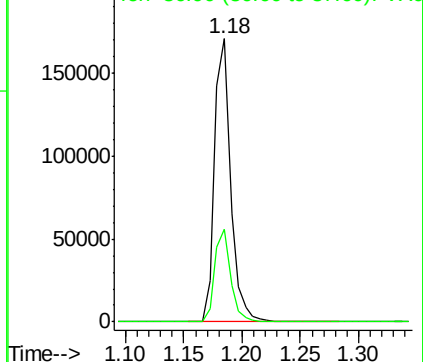
85 100

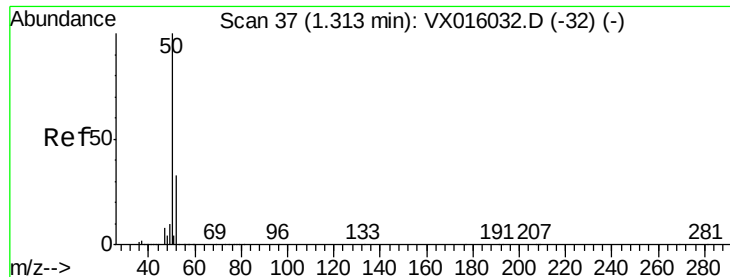
87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.665 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 181017

Ion Ratio Lower Upper

50 100

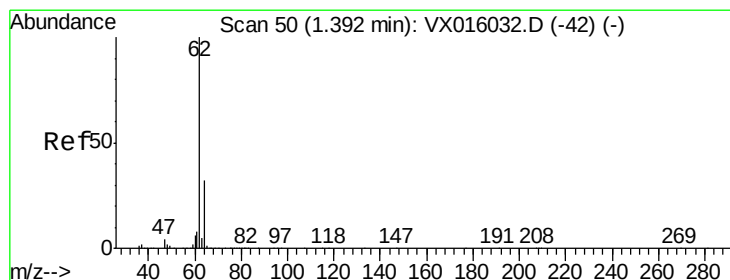
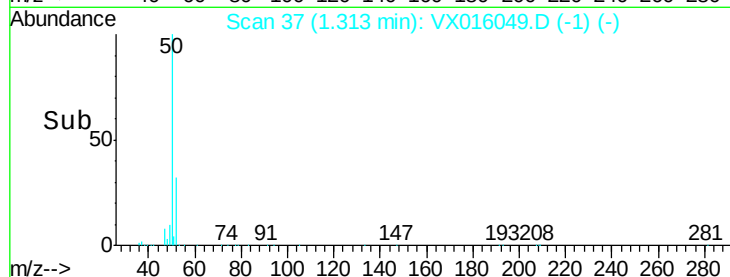
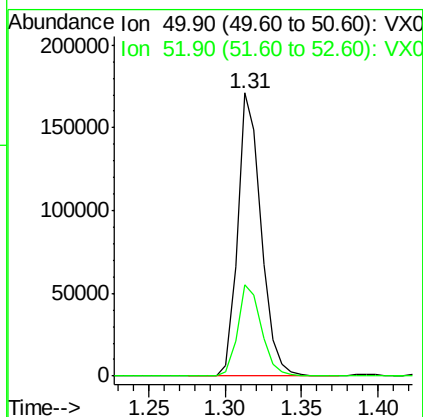
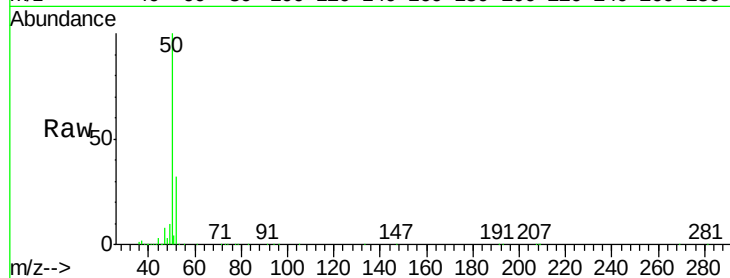
52 32.2 26.1 39.1

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#4

Vinyl Chloride

Concen: 48.753 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016049.D

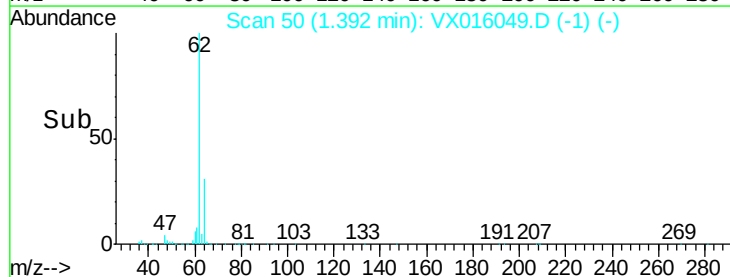
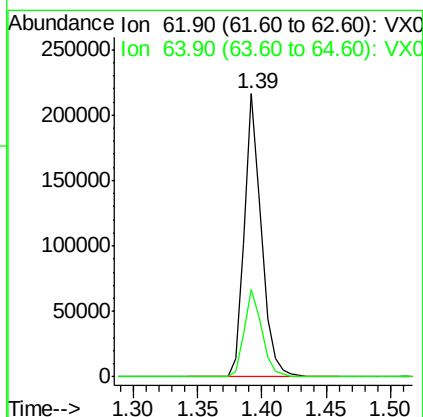
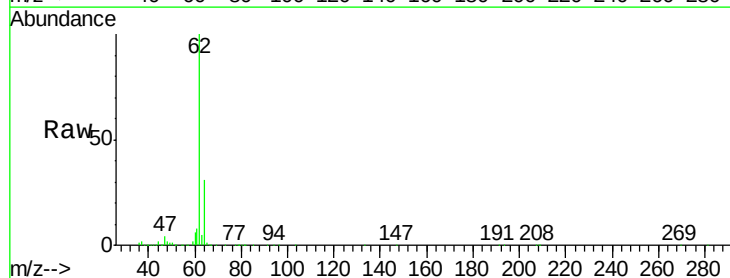
Acq: 04 May 2020 20:32

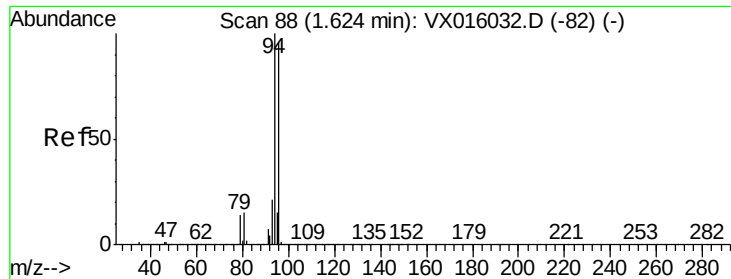
Tgt Ion: 62 Resp: 197537

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5





#5

Bromomethane

Concen: 48.599 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 99273

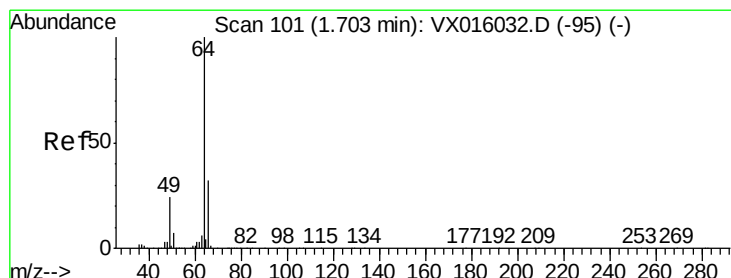
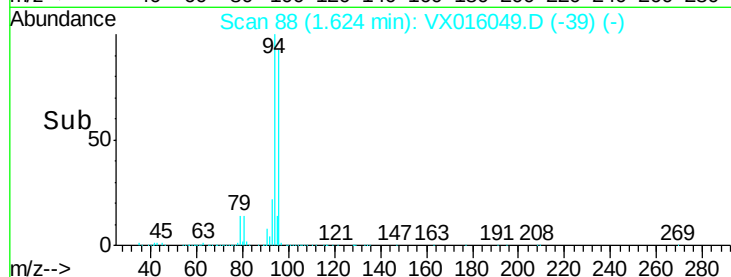
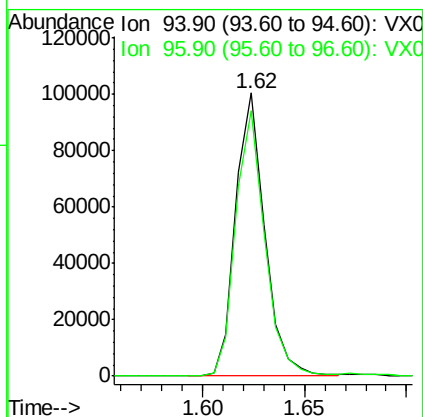
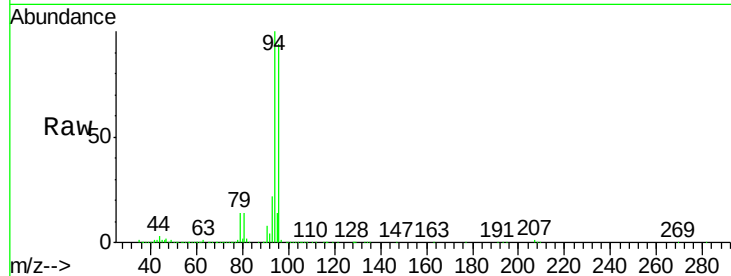
Ion Ratio Lower Upper

94 100

96 93.5 76.9 115.3

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#6

Chloroethane

Concen: 50.625 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016049.D

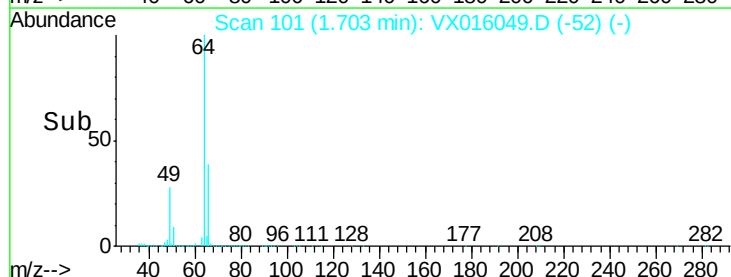
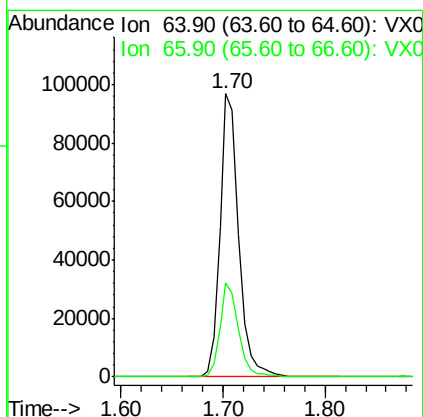
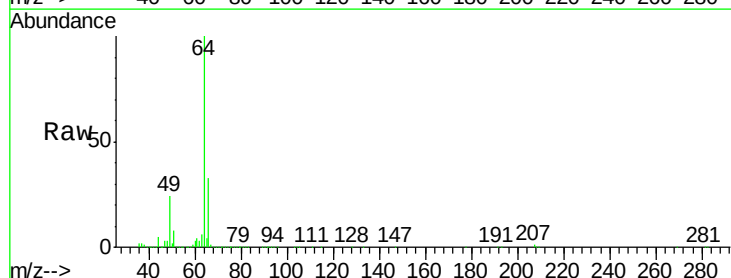
Acq: 04 May 2020 20:32

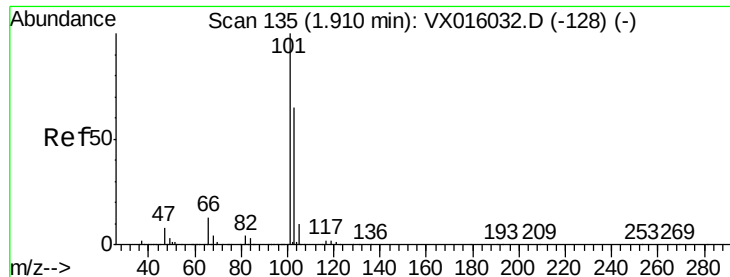
Tgt Ion: 64 Resp: 124806

Ion Ratio Lower Upper

64 100

66 33.1 25.2 37.8





#7

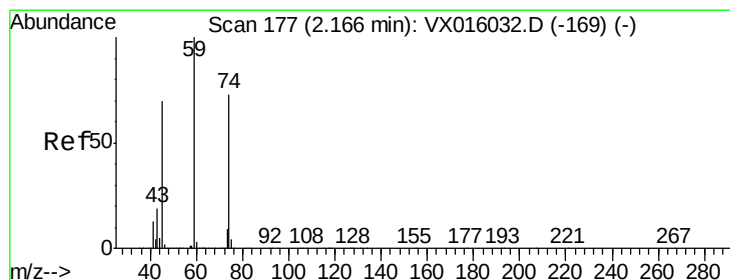
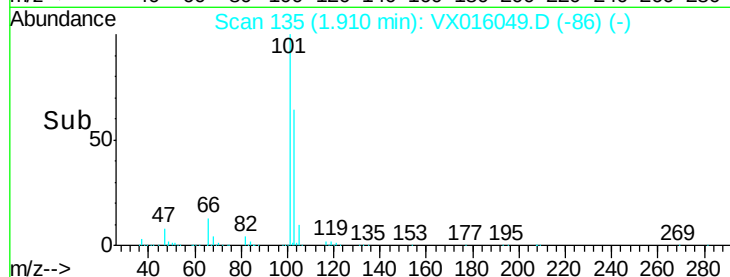
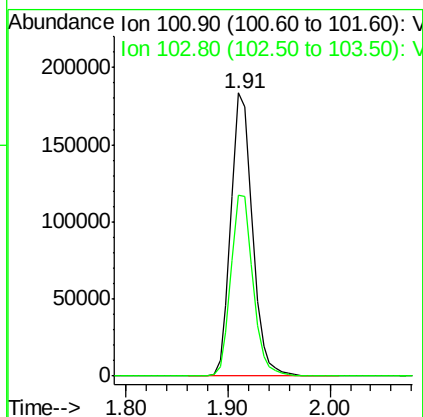
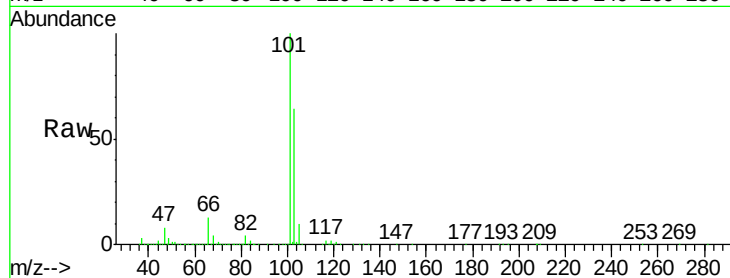
Trichlorofluoromethane
Concen: 50.227 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.8	77.6

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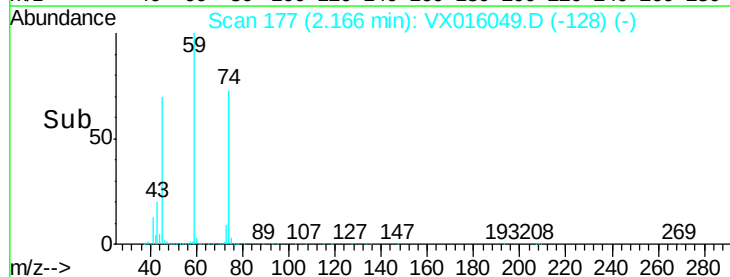
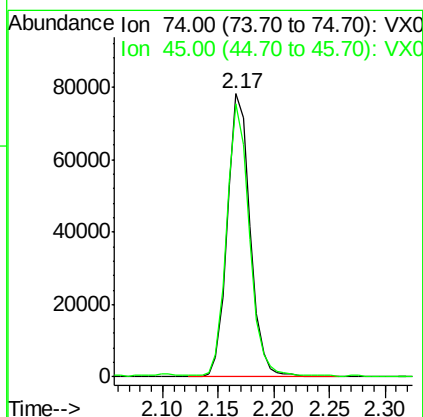
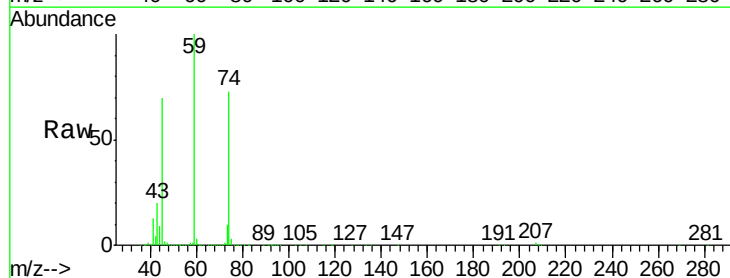
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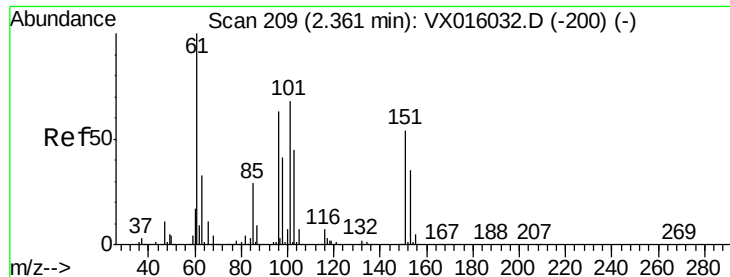


#8

Diethyl Ether
Concen: 49.604 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.3	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.165 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

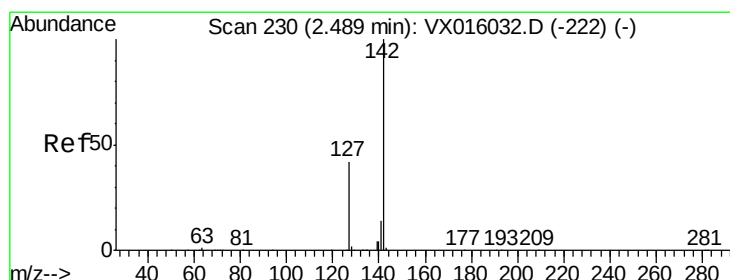
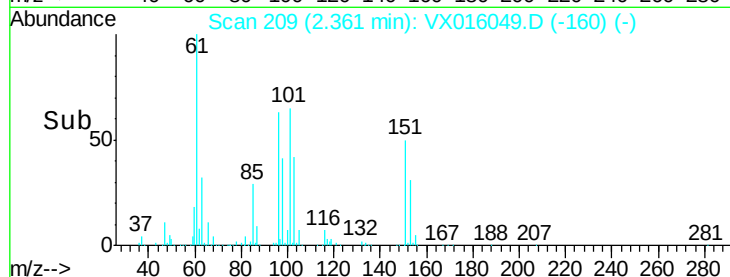
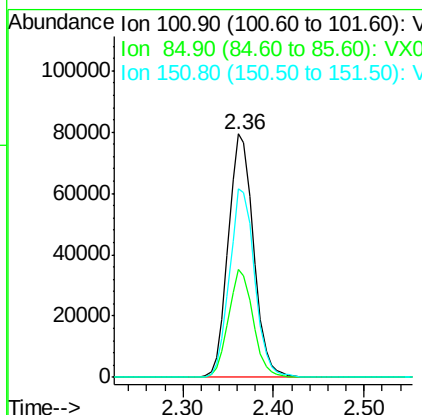
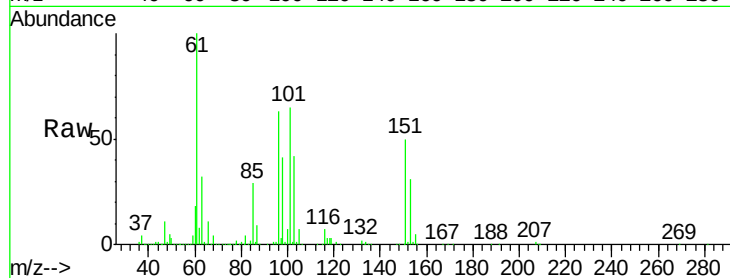
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	153954
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.2	51.4
151	77.3	62.1	93.1

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#10

Methyl Iodide

Concen: 43.808 ug/l

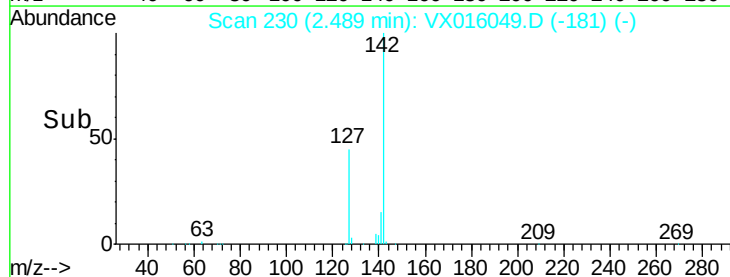
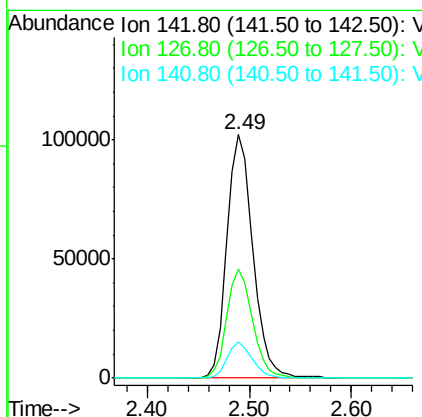
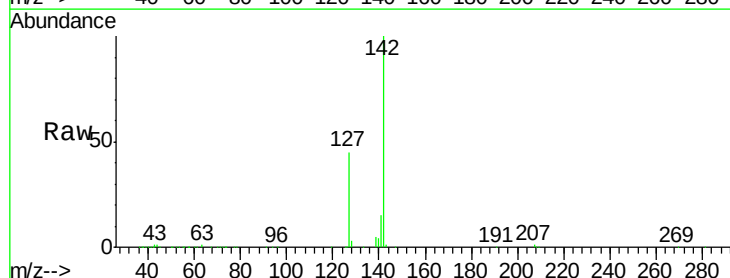
RT: 2.49 min Scan# 230

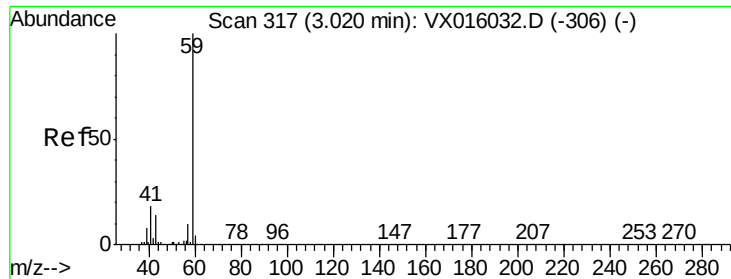
Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Tgt Ion:	142	Resp:	180588
Ion Ratio	Lower	Upper	
142	100		
127	44.3	34.6	52.0
141	14.3	11.3	16.9





#11

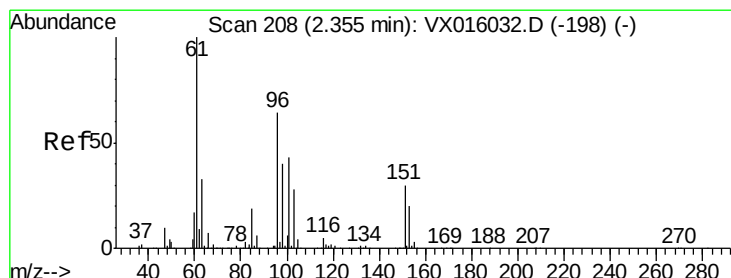
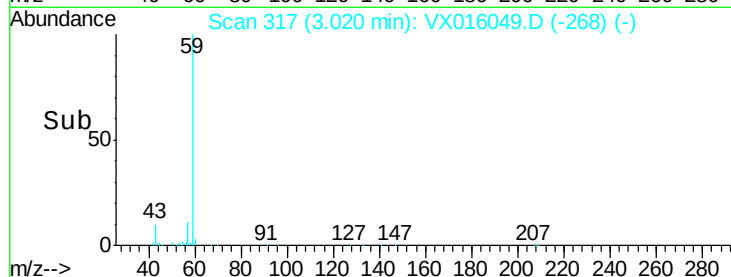
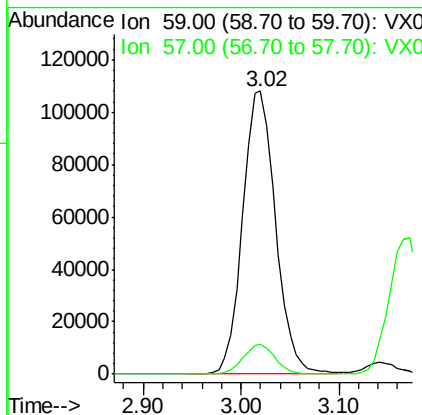
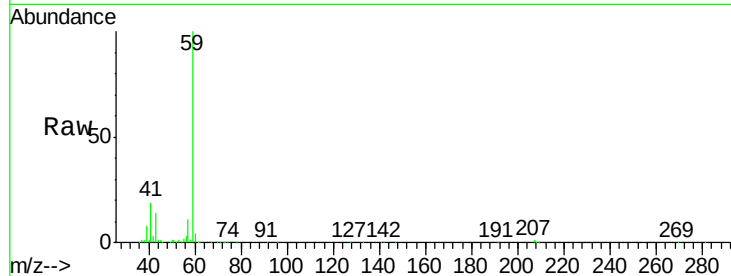
Tert butyl alcohol
Concen: 245.428 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

Manual Integrations
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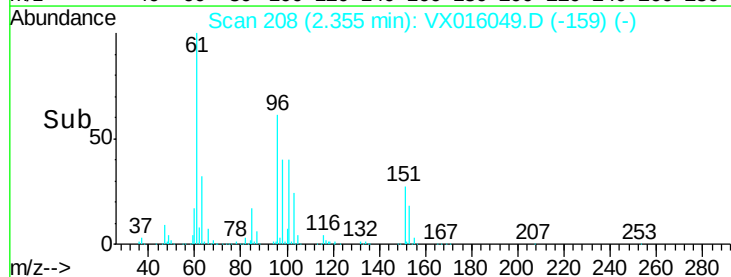
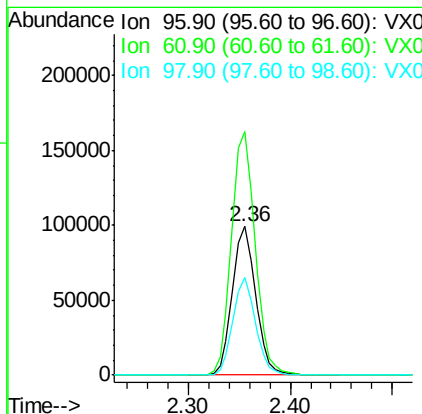
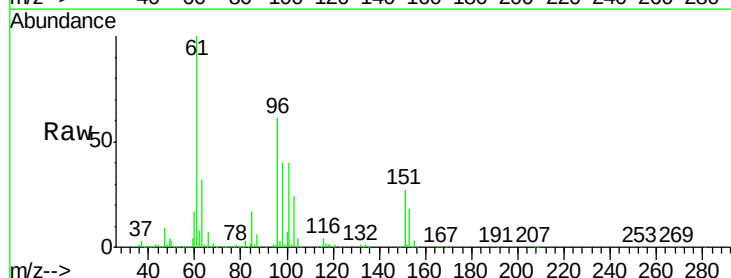
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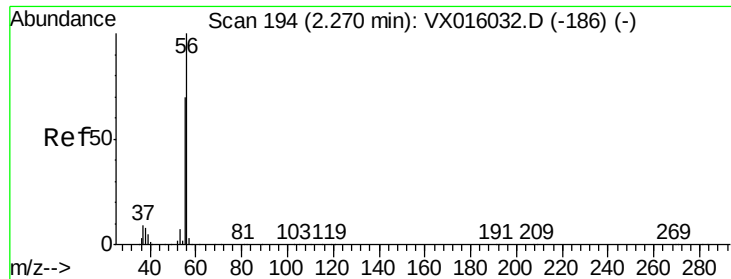


#12

1,1-Dichloroethene
Concen: 48.770 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.8	124.8	187.2
98	65.9	49.7	74.5





#13

Acrolein

Concen: 209.031 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 134473

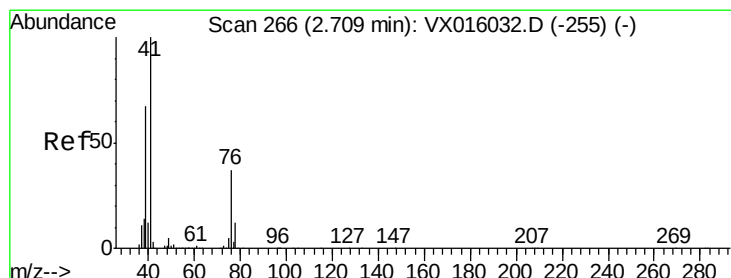
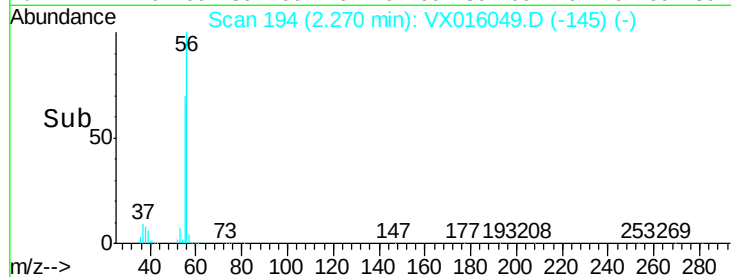
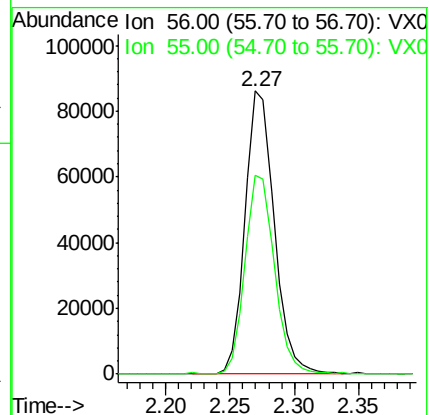
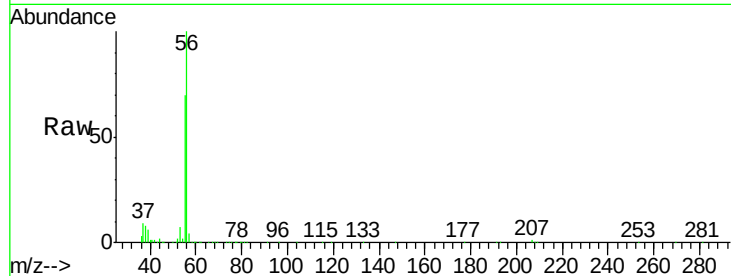
Ion Ratio Lower Upper

56 100

55 70.8 56.5 84.7

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#14

Allyl chloride

Concen: 48.515 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

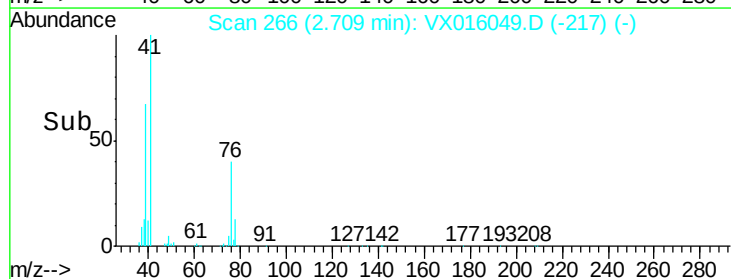
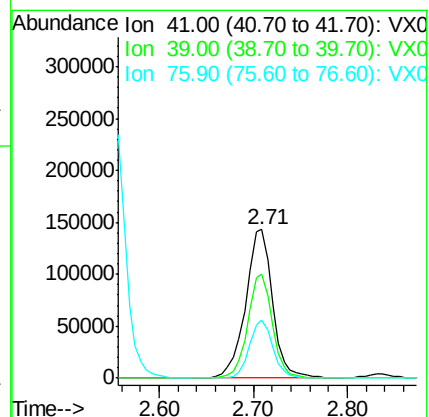
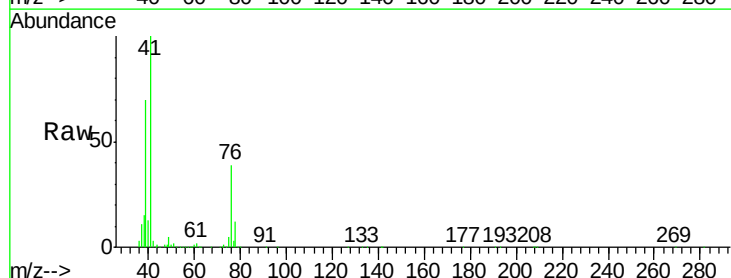
Tgt Ion: 41 Resp: 285684

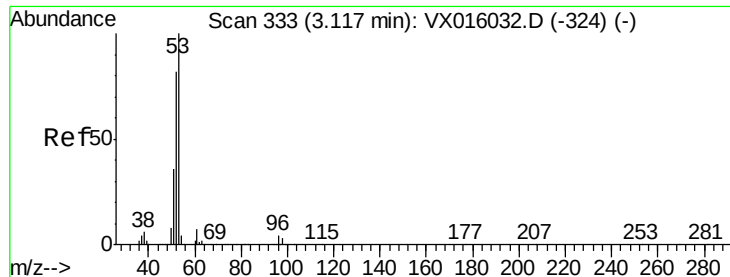
Ion Ratio Lower Upper

41 100

39 63.8 50.5 75.7

76 34.2 26.6 40.0





#15

Acrylonitrile

Concen: 241.743 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

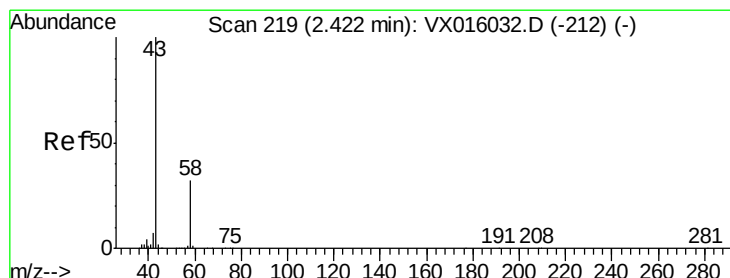
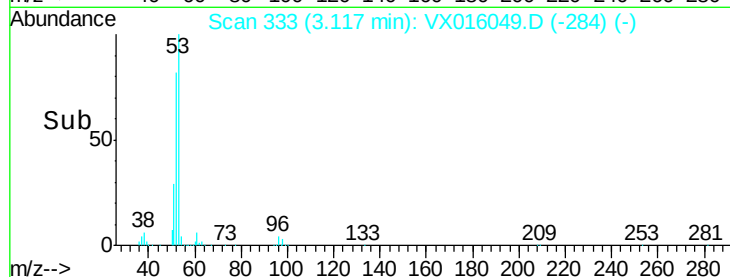
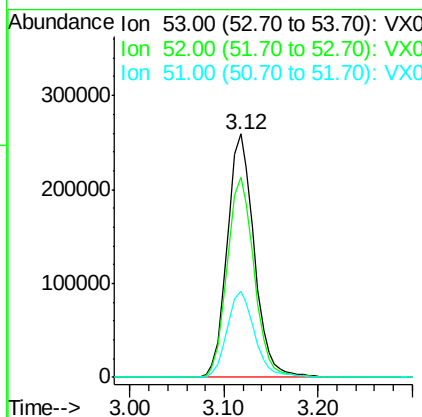
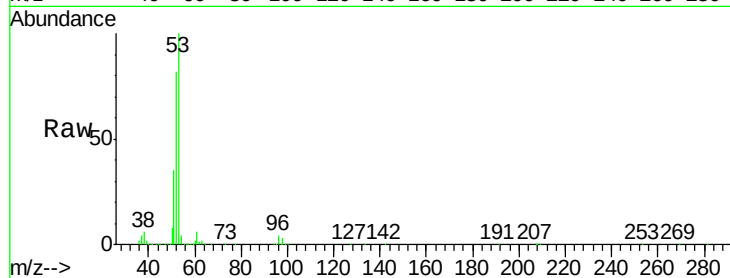
ClientSampled :

VSTDCCC050EC

Tot Ion:	53	Resp:	515562
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.1	99.1
51	36.1	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 245.789 ug/l

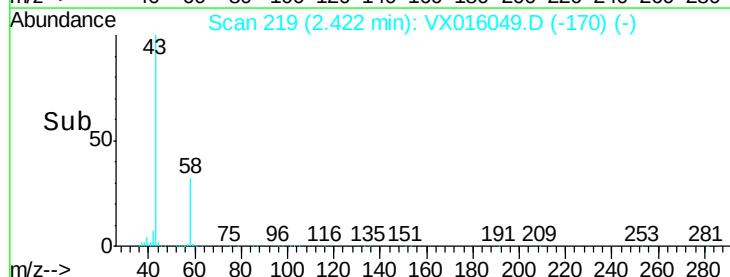
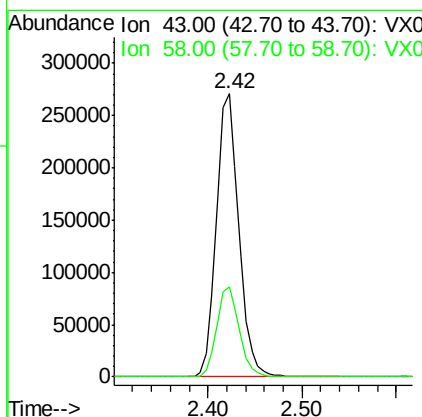
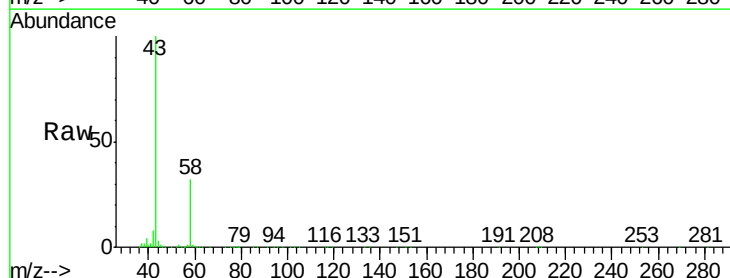
RT: 2.42 min Scan# 219

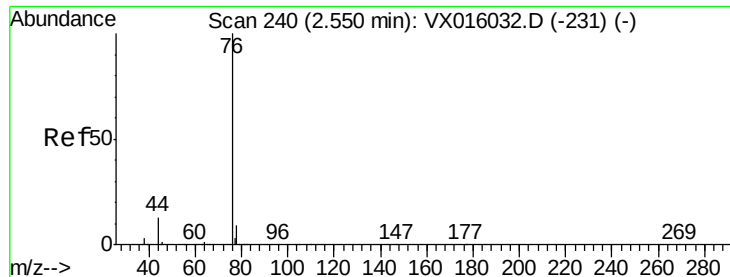
Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Tgt Ion:	43	Resp:	445852
Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.4	38.0





#17

Carbon Disulfide

Concen: 49.157 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 474128

Ion Ratio Lower Upper

76 100

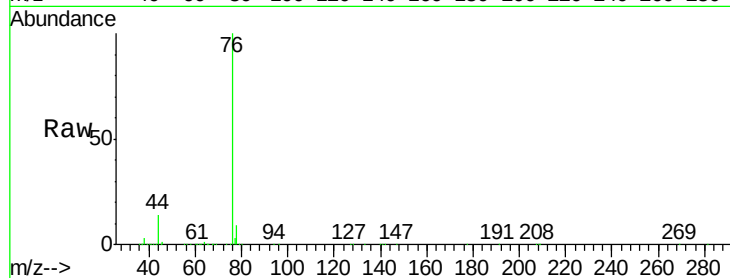
78 8.9 7.5 11.3

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

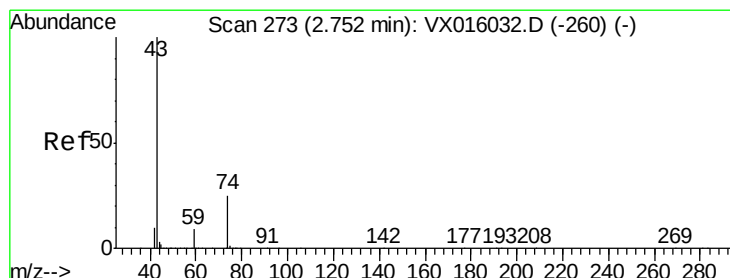
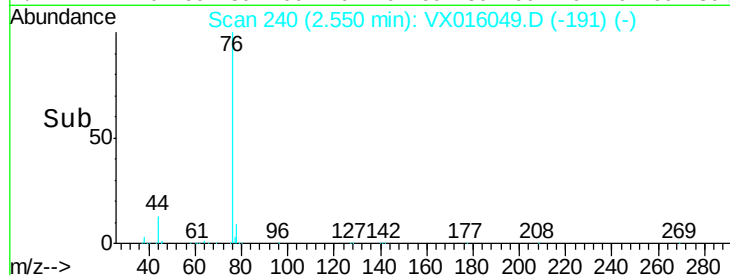
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 48.703 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016049.D

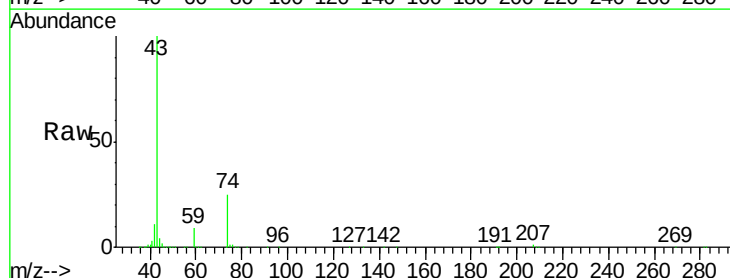
Acq: 04 May 2020 20:32

Tgt Ion: 43 Resp: 217222

Ion Ratio Lower Upper

43 100

74 24.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

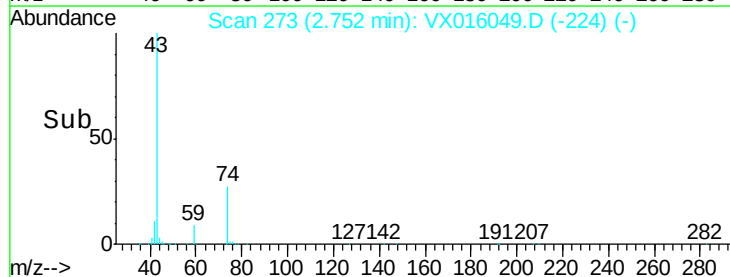
2.75

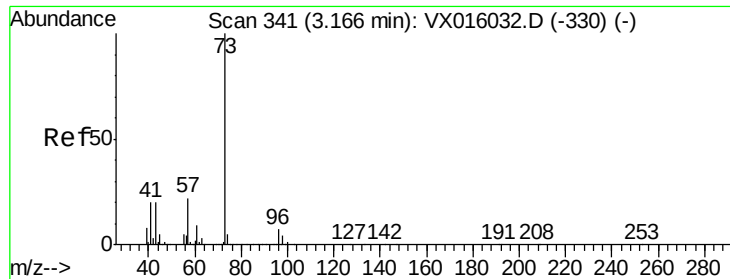
100000

50000

0

Time-->





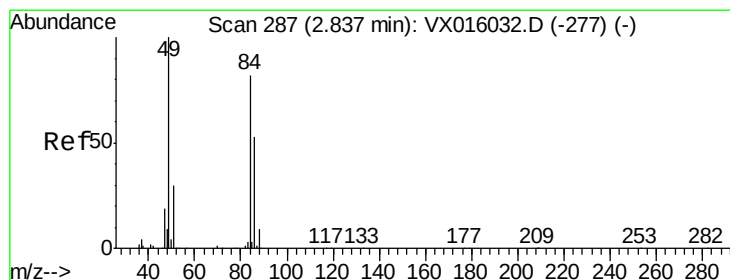
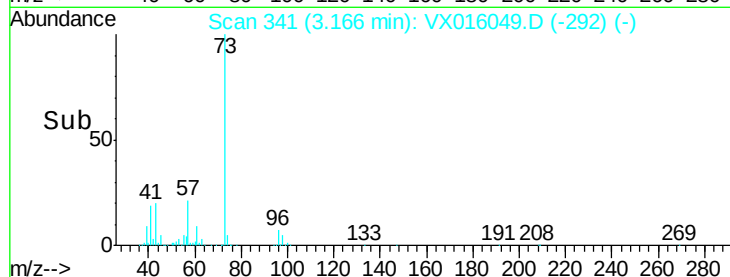
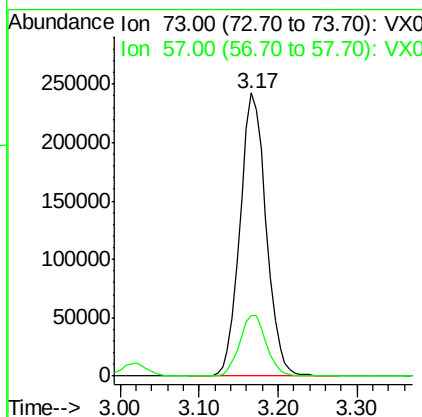
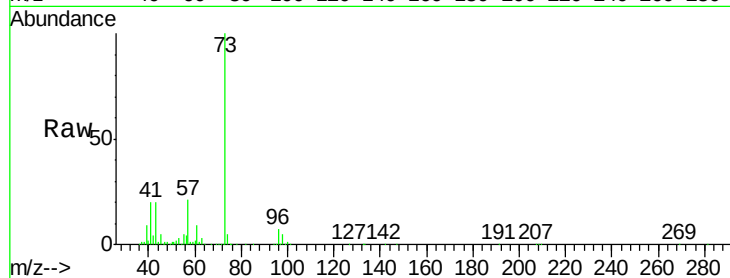
#19
Methyl tert-butyl Ether
Concen: 50.442 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.8	26.6

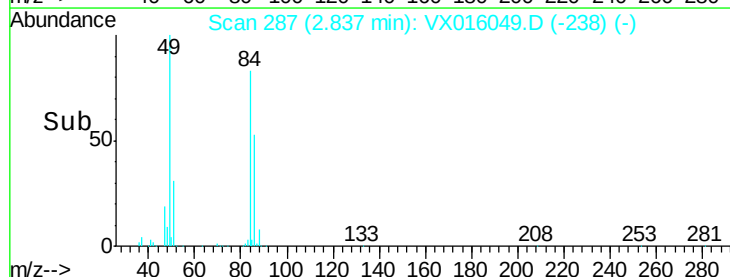
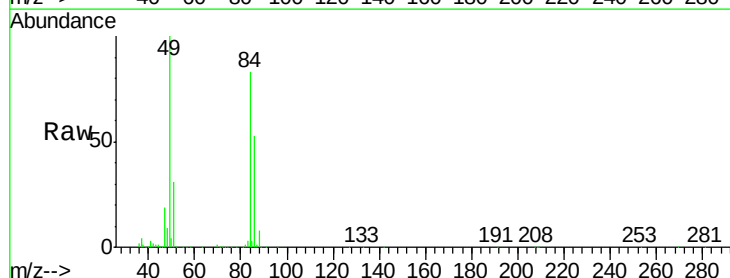
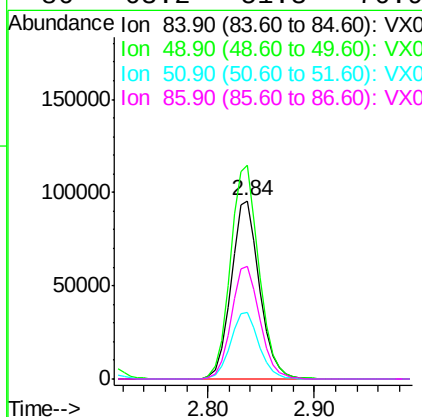
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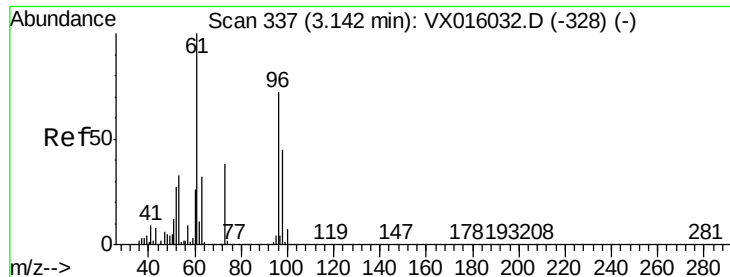
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#20
Methylene Chloride
Concen: 47.719 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.8	97.3	145.9
51	37.4	29.3	43.9
86	63.2	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 48.042 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

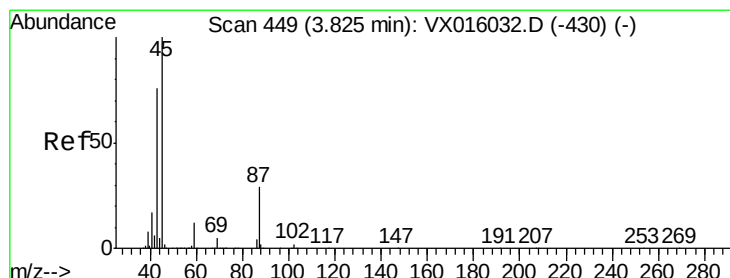
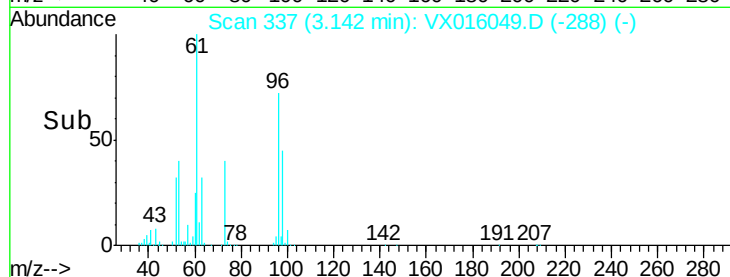
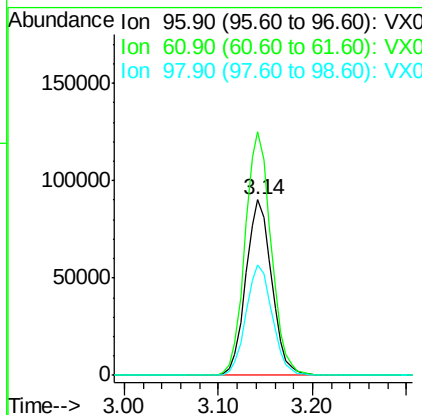
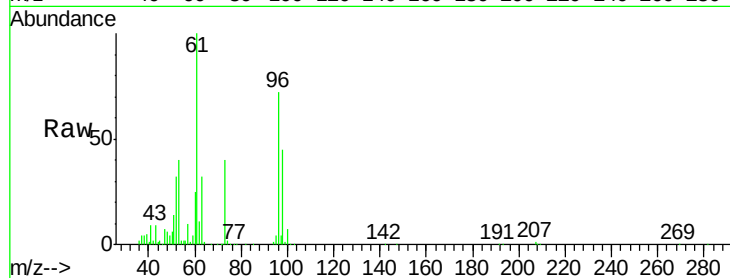
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	171937
Ion	Ratio	Lower	Upper
96	100		
61	139.1	111.2	166.8
98	63.2	50.2	75.4

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#22

Diisopropyl ether

Concen: 49.837 ug/l

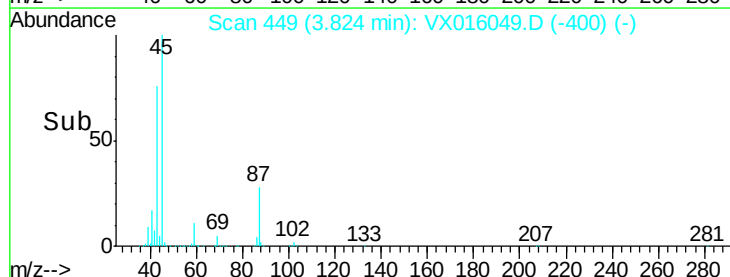
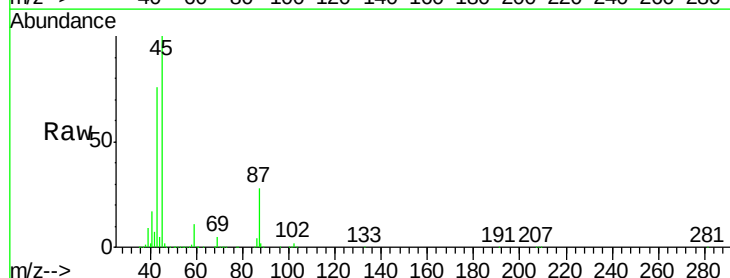
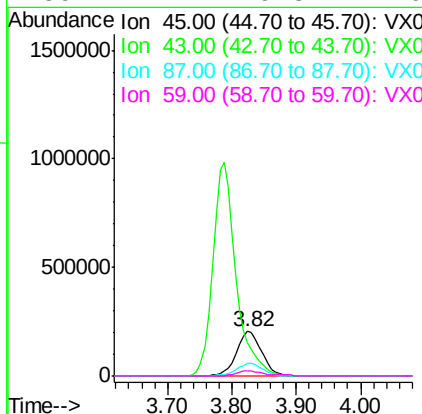
RT: 3.82 min Scan# 449

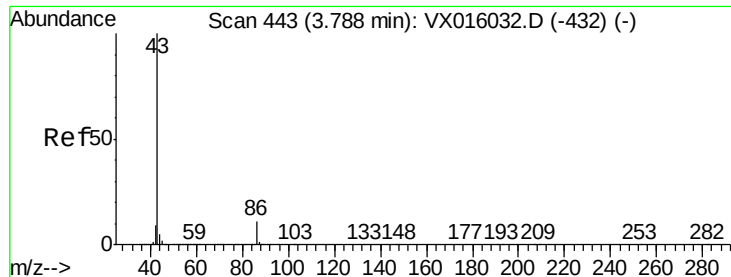
Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Tgt Ion:	45	Resp:	553645
Ion	Ratio	Lower	Upper
45	100		
43	75.5	61.1	91.7
87	27.5	23.0	34.6
59	11.4	9.8	14.6





#23

Vinyl Acetate

Concen: 254.018 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2482667

Ion Ratio Lower Upper

43 100

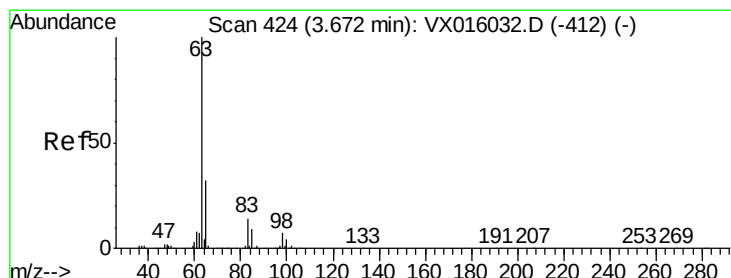
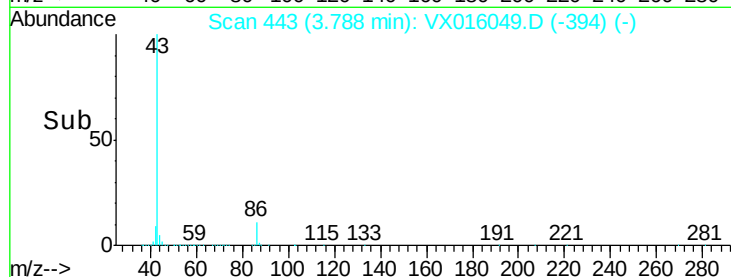
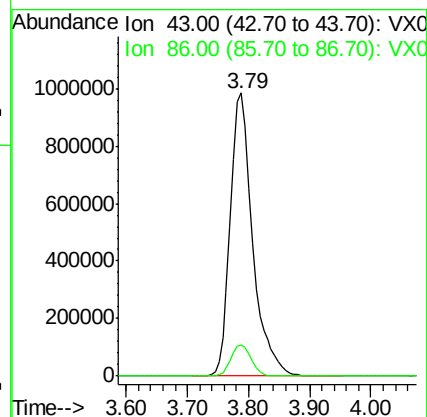
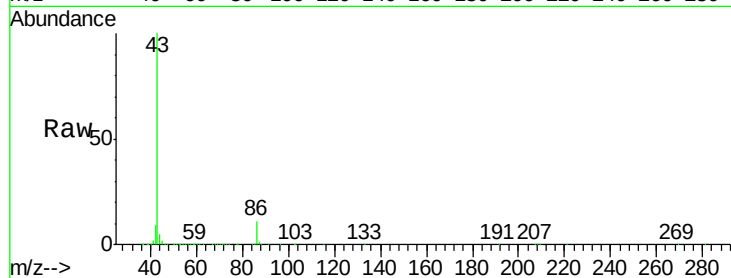
86 11.2 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 49.770 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

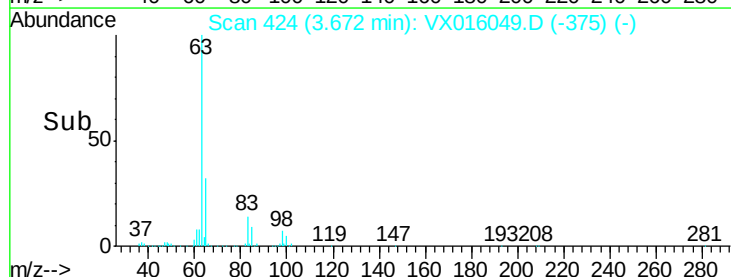
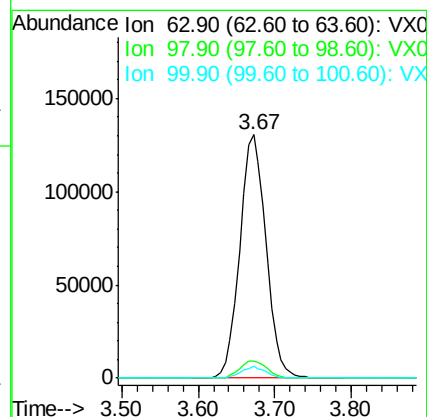
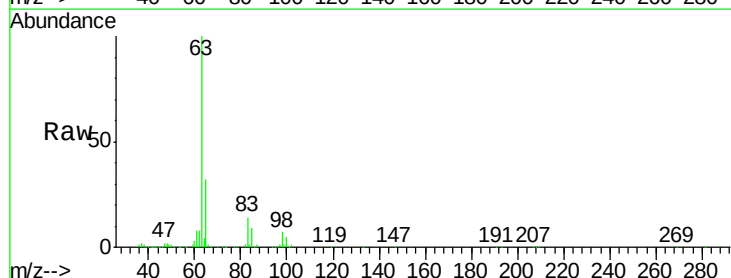
Tgt Ion: 63 Resp: 309293

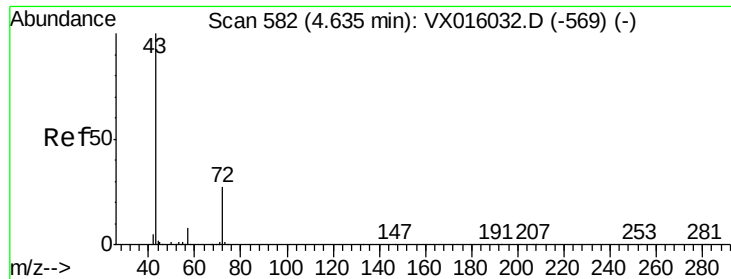
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.7 2.1 6.5





#25

2-Butanone

Concen: 249.245 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 728550

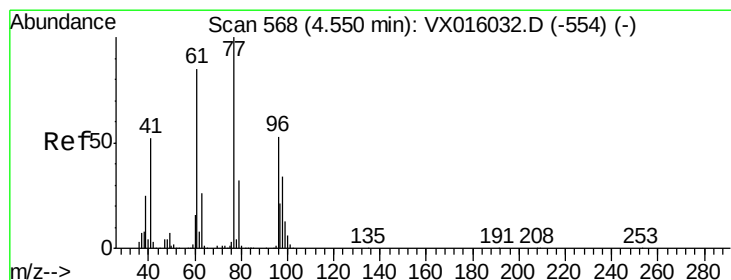
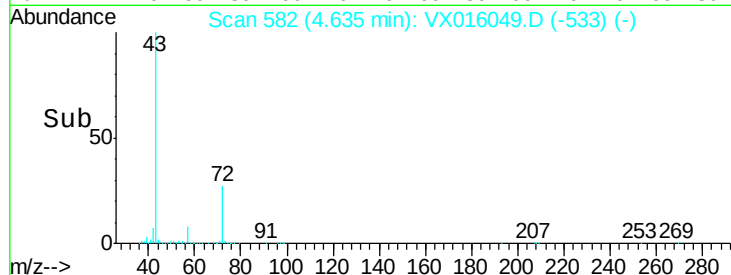
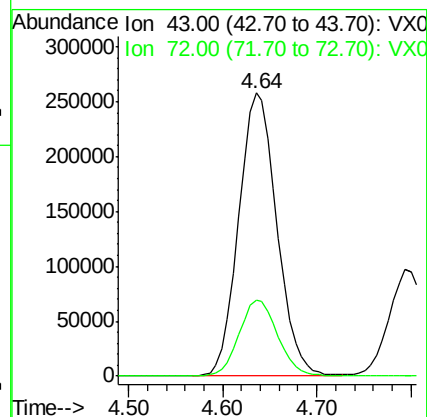
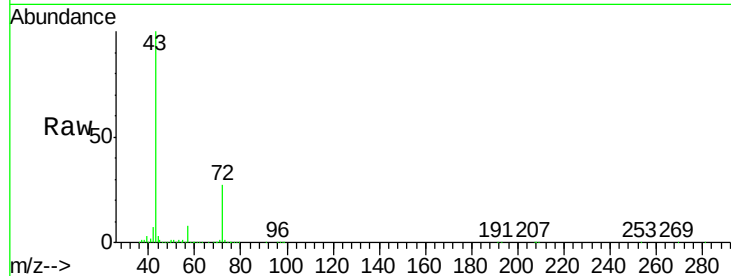
Ion Ratio Lower Upper

43 100

72 27.0 21.8 32.8

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#26

2,2-Dichloropropane

Concen: 43.536 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016049.D

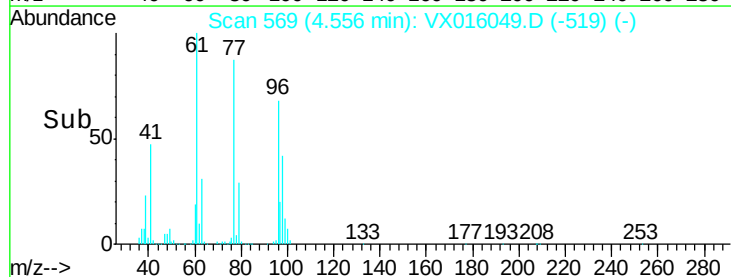
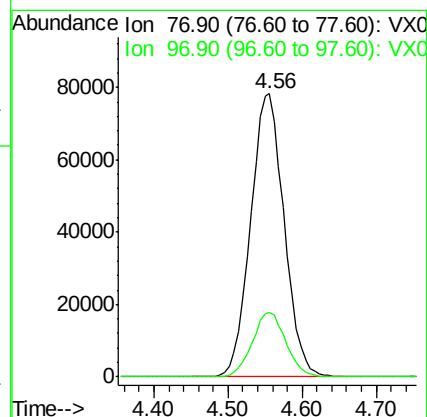
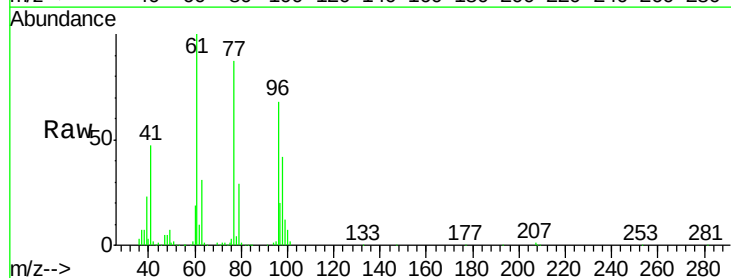
Acq: 04 May 2020 20:32

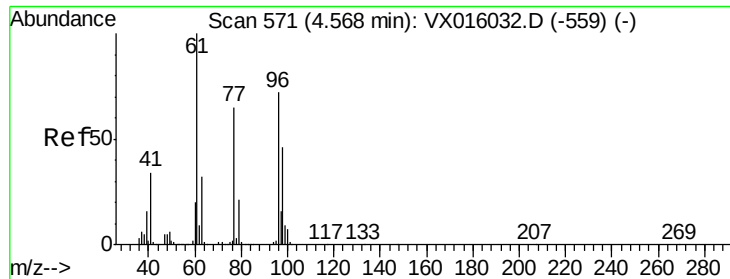
Tgt Ion: 77 Resp: 247077

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.6





#27

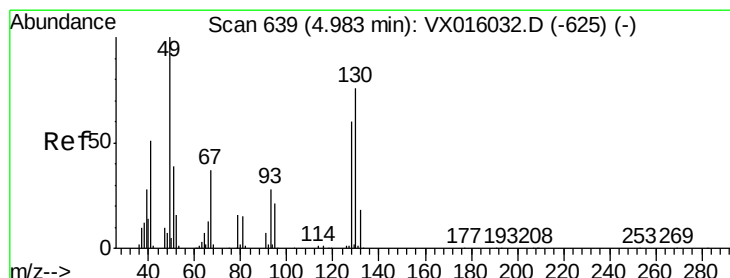
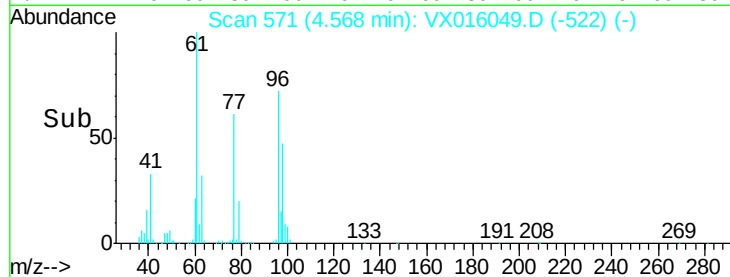
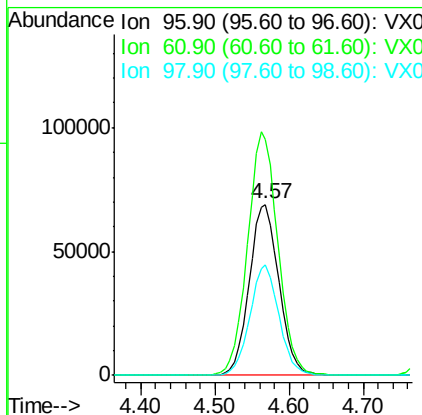
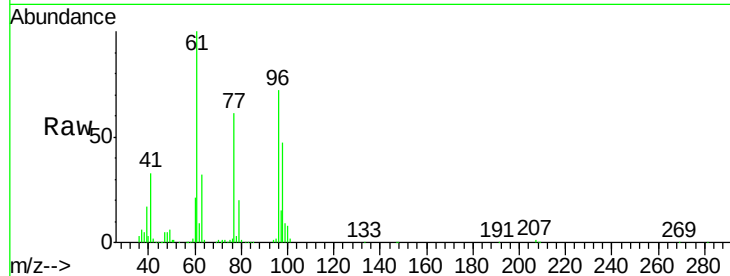
cis-1,2-Dichloroethene
Concen: 49.120 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	192184		
61	146.1	0.0	296.2	
98	63.7	0.0	129.4	

Manual Integrations
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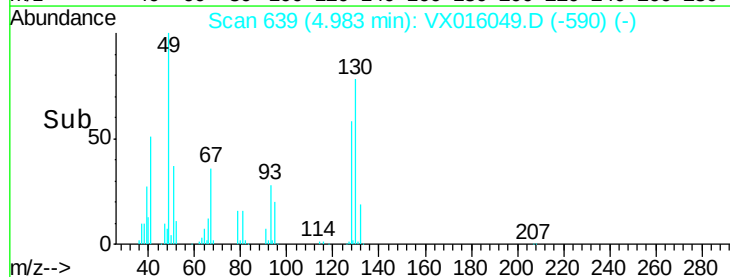
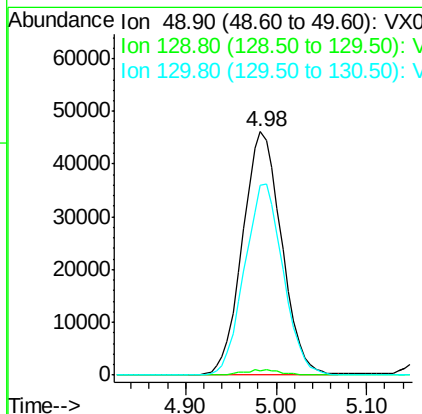
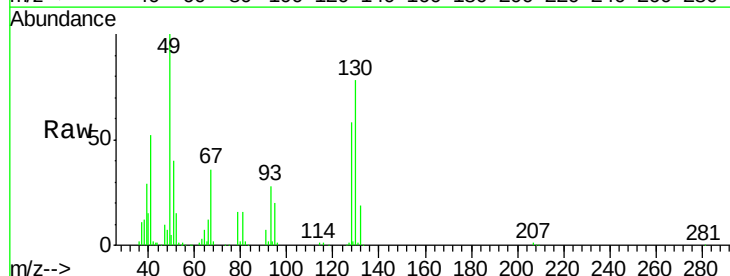
MMDadoda
5/5/2020 11:35:33 AM

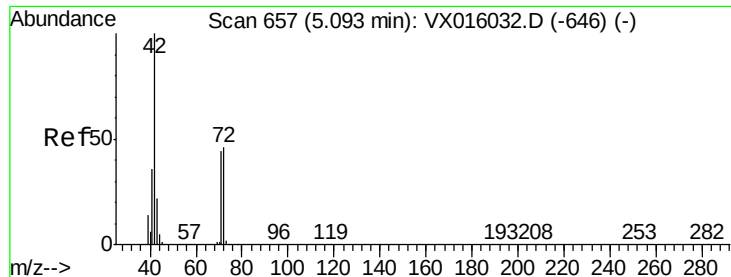


#28

Bromochloromethane
Concen: 48.585 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	137675		
129	2.1	0.0	4.0	
130	77.6	62.4	93.6	





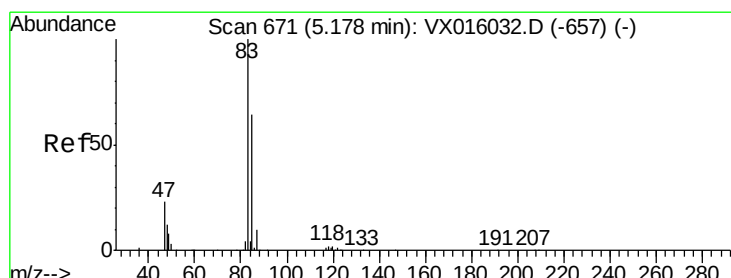
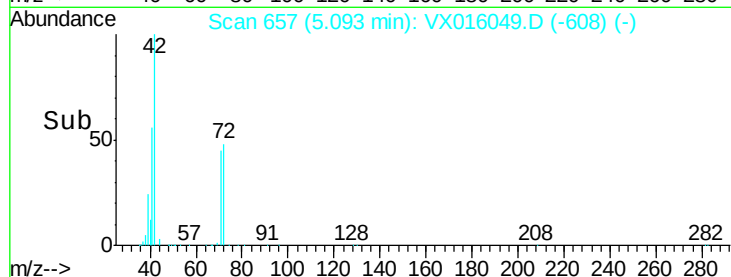
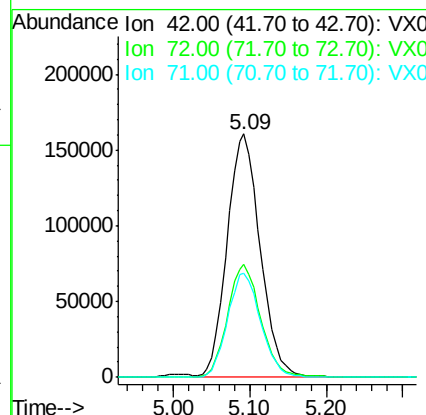
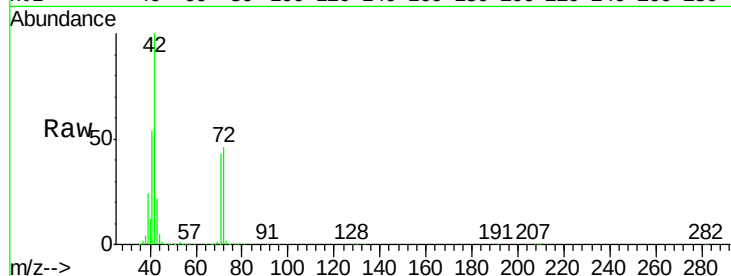
#29
Tetrahydrofuran
Concen: 246.983 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.1	55.7
71	43.2	34.5	51.7

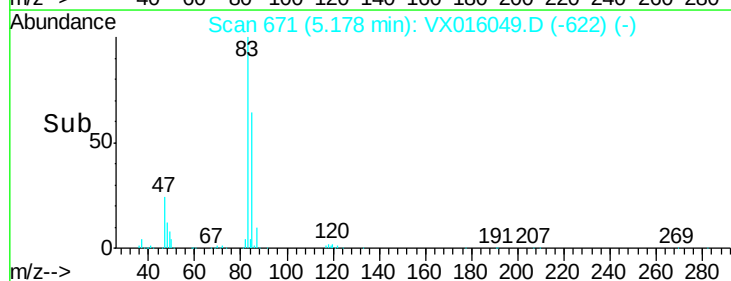
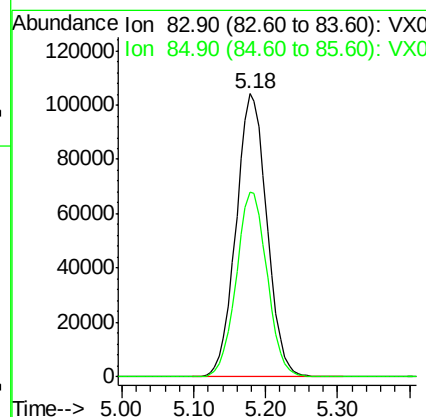
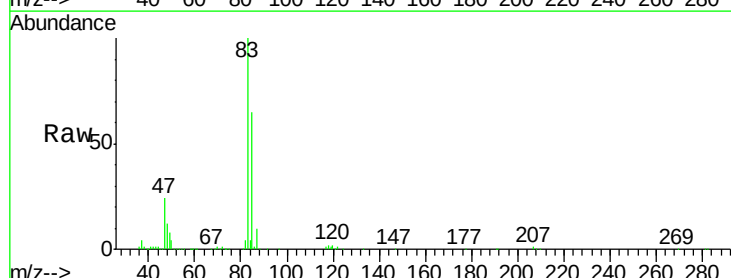
Manual Integrations
APPROVED

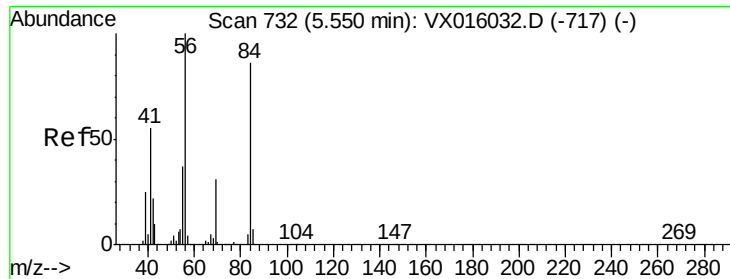
MMDadoda
5/5/2020 11:35:33 AM



#30
Chloroform
Concen: 50.013 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.6	77.4





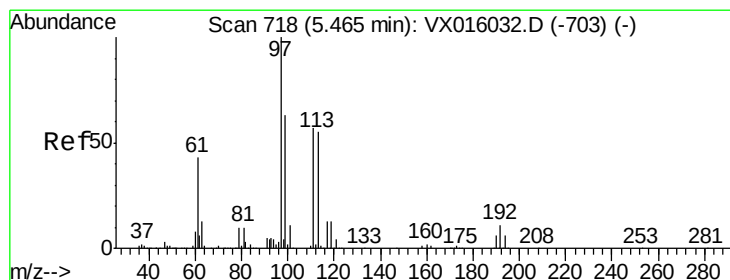
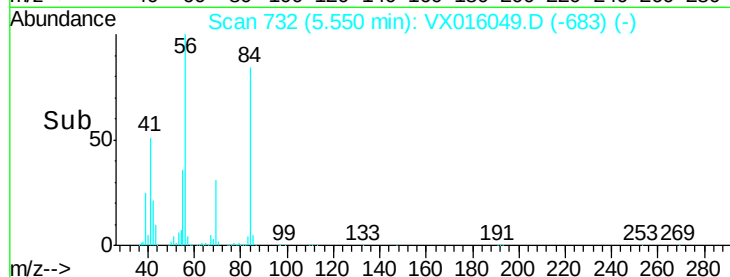
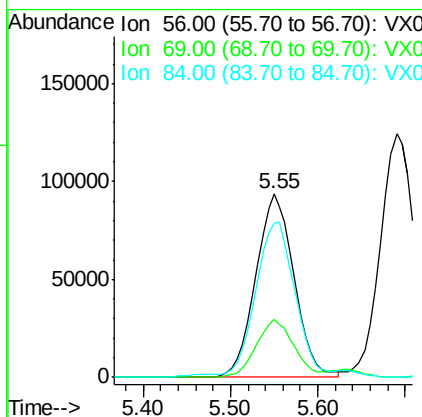
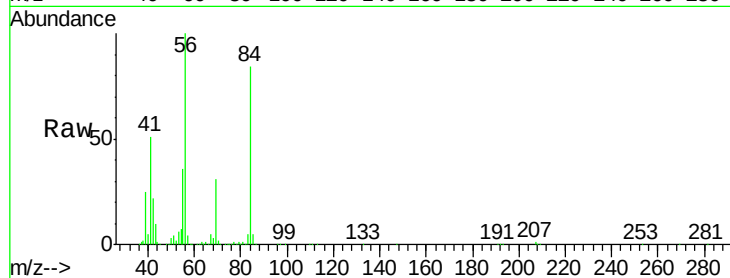
#31
Cyclohexane
Concen: 50.173 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.0	37.6
84	82.5	69.0	103.6

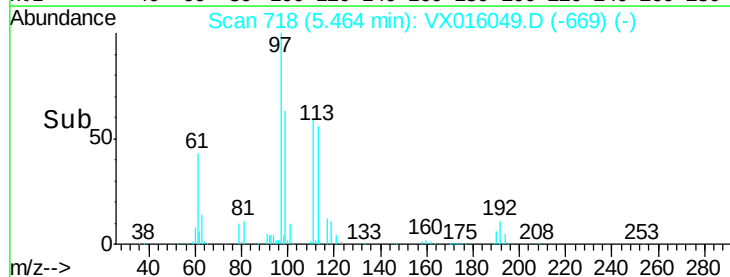
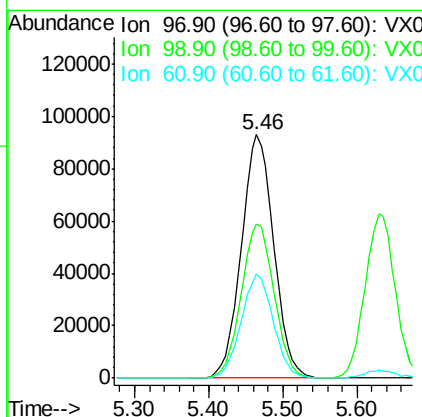
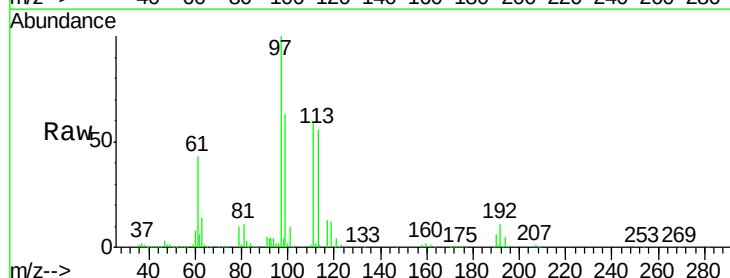
Manual Integrations
APPROVED

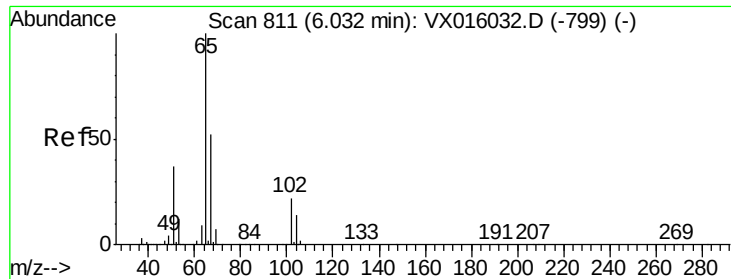
MMDadoda
5/5/2020 11:35:33 AM



#32
1,1,1-Trichloroethane
Concen: 50.453 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.4
61	42.6	34.5	51.7





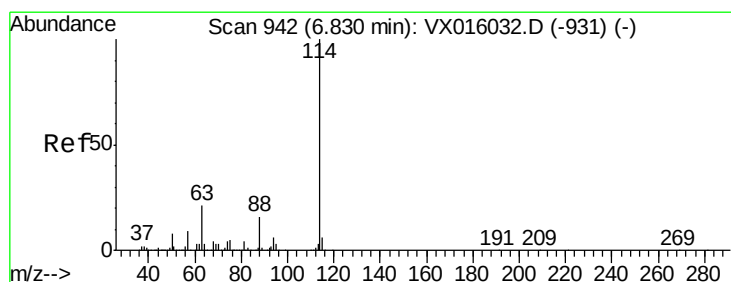
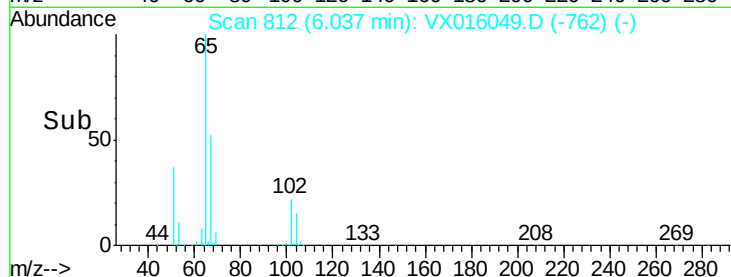
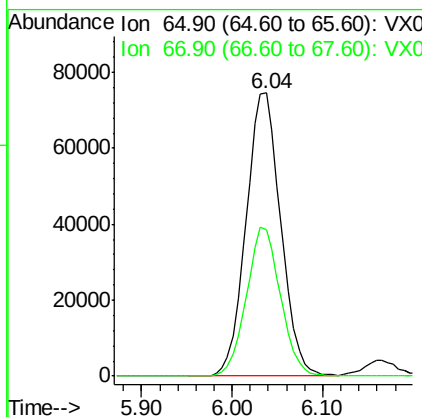
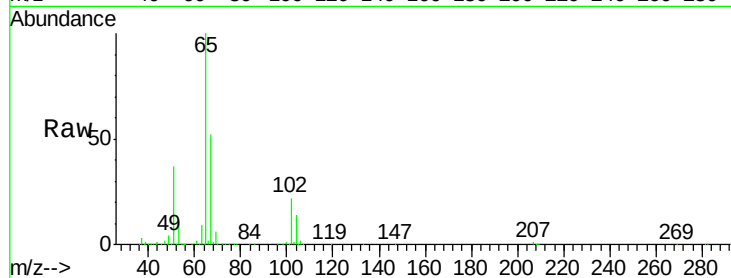
#33
 1,2-Dichloroethane-d4
 Concen: 48.427 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	196877		
67	51.7	0.0	104.8	

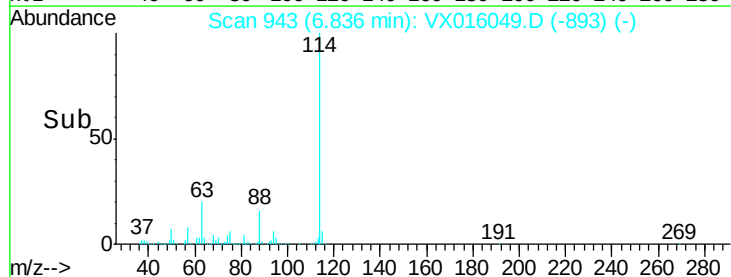
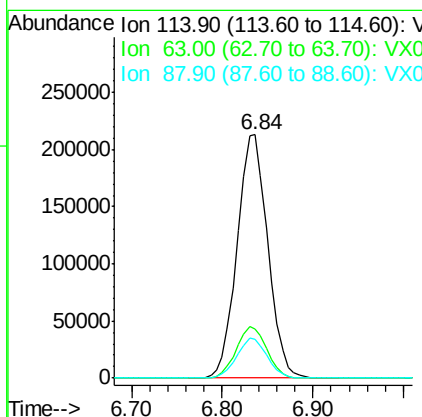
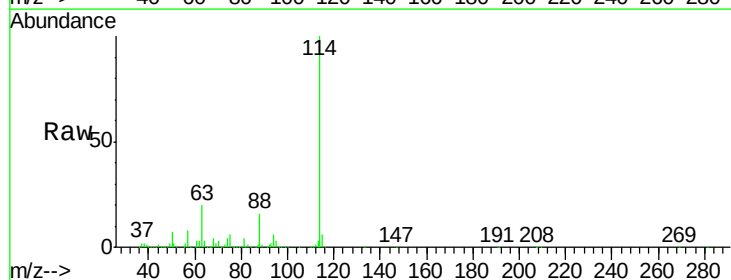
Manual Integrations
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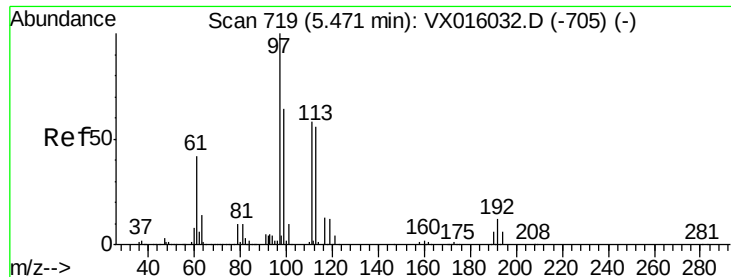
MMDadoda
 5/5/2020 11:35:33 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	500069		
63	20.3	0.0	42.8	
88	16.0	0.0	31.4	





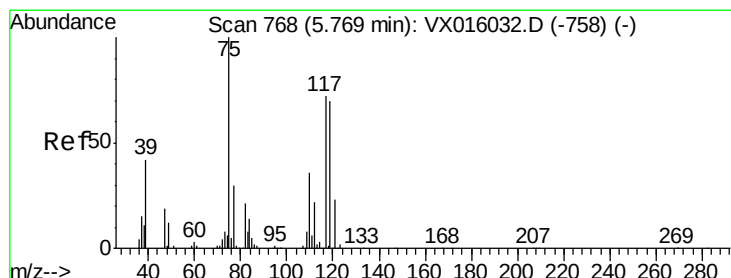
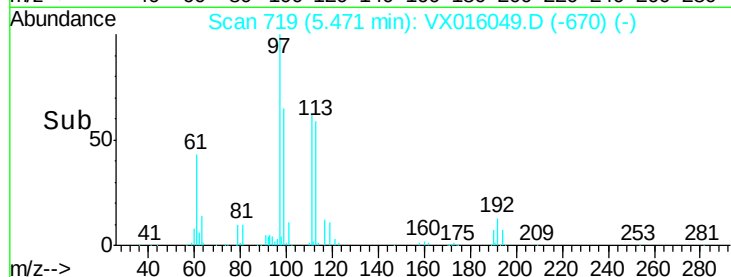
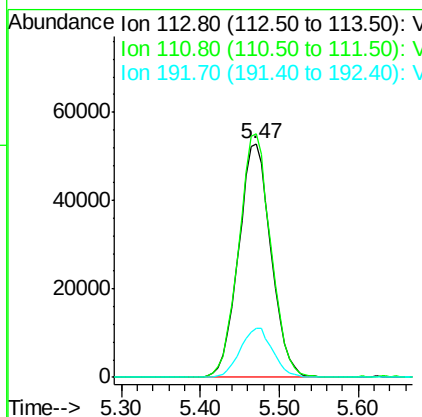
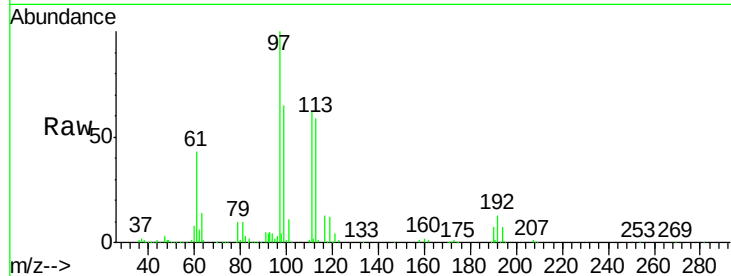
#35
Dibromofluoromethane
Concen: 47.758 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.9	81.6	122.4	
192	21.1	17.0	25.4	

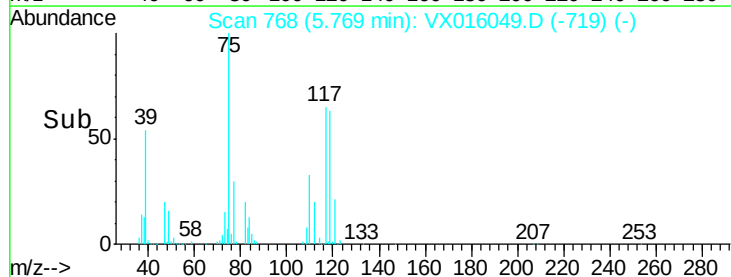
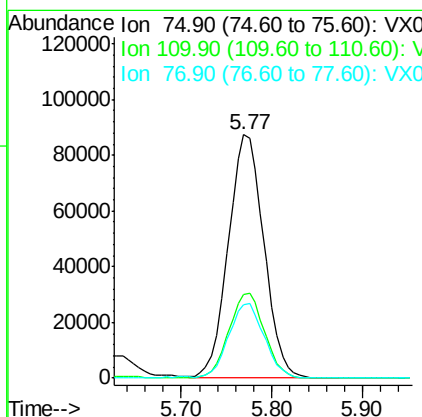
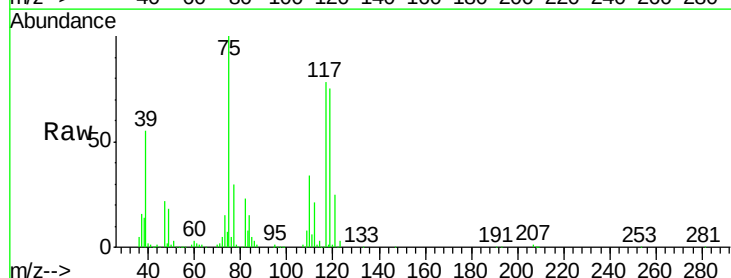
Manual Integrations
APPROVED

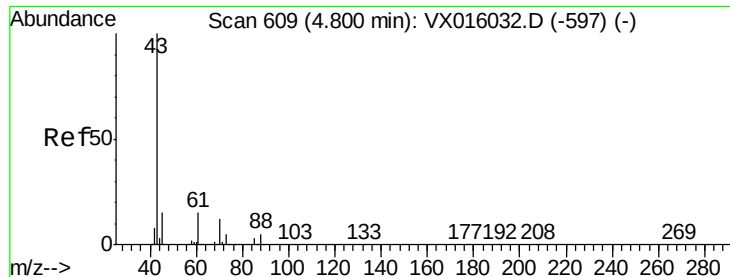
MMDadoda
5/5/2020 11:35:33 AM



#36
1,1-Dichloropropene
Concen: 48.049 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.0	18.1	54.1	
77	31.1	25.0	37.6	





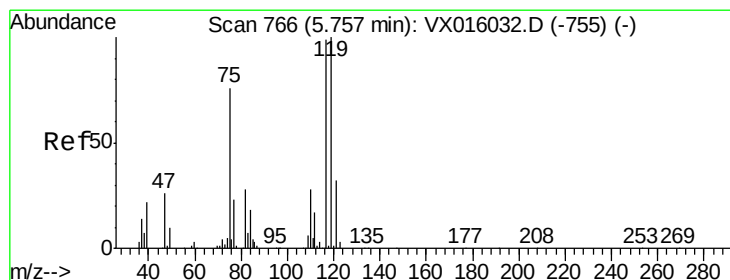
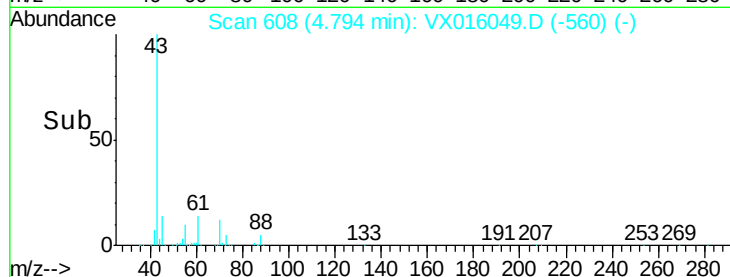
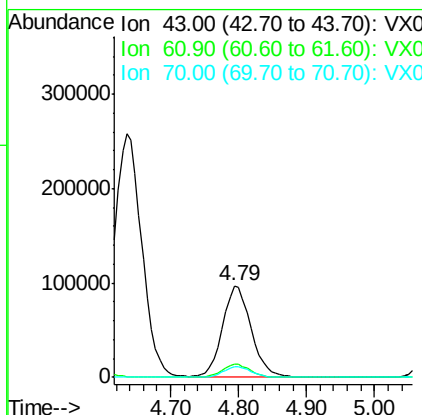
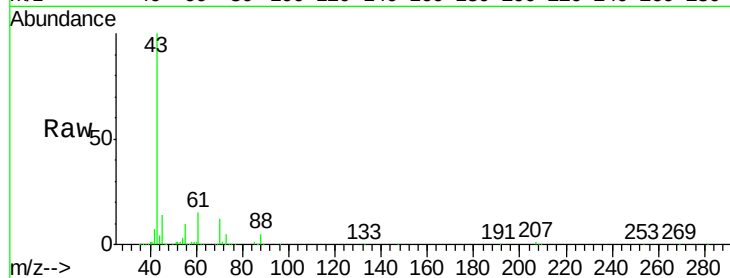
#37
Ethyl Acetate
Concen: 49.341 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	281504
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.7	17.5
70	11.4	9.3	13.9

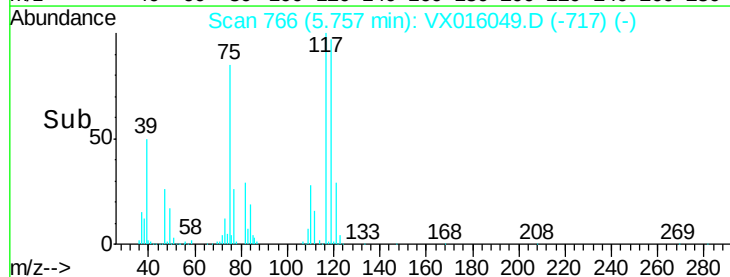
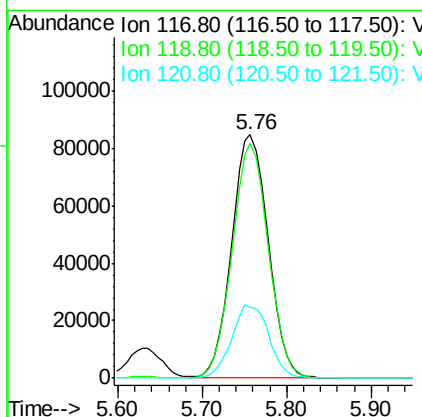
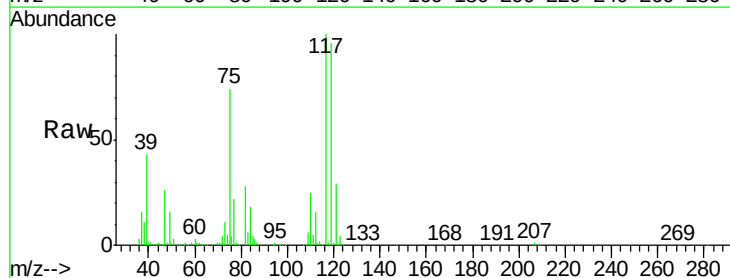
Manual Integrations
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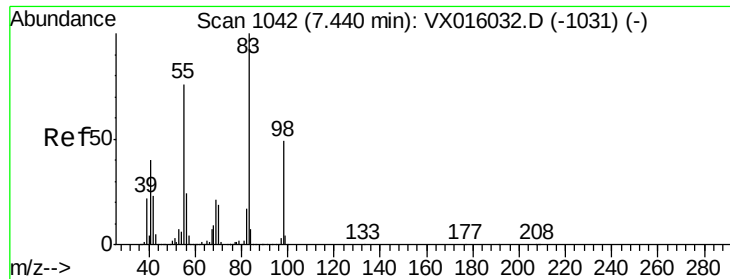
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#38
Carbon Tetrachloride
Concen: 49.722 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion:	117	Resp:	248777
Ion	Ratio	Lower	Upper
117	100		
119	96.4	80.3	120.5
121	29.3	25.7	38.5





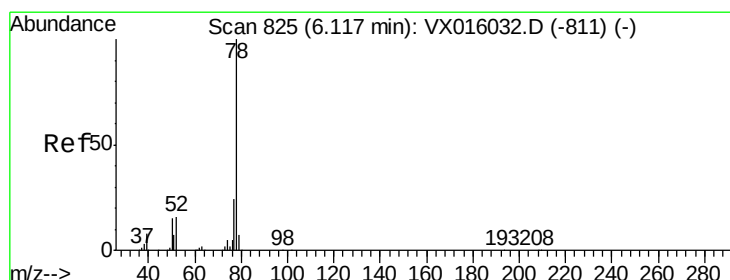
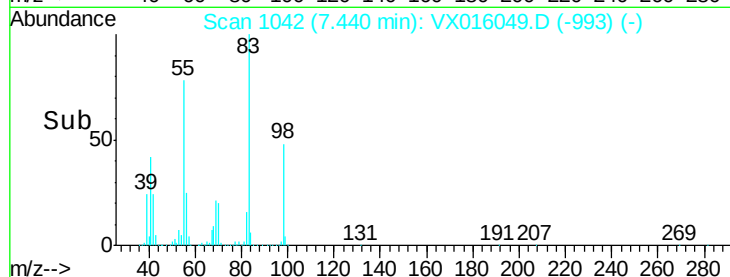
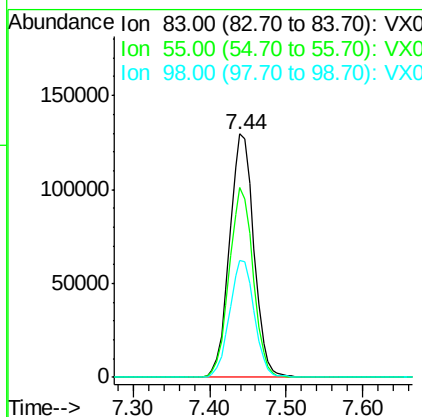
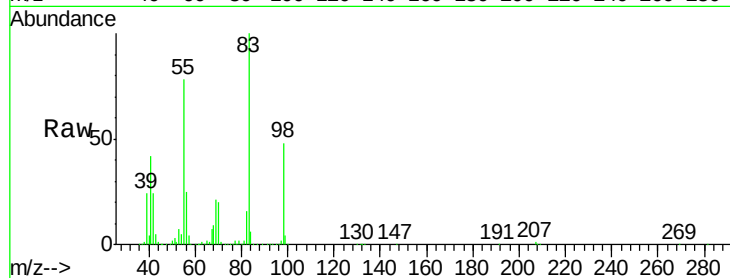
#39
Methylvlcyclohexane
Concen: 48.045 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	61.1	91.7
98	47.9	39.0	58.4

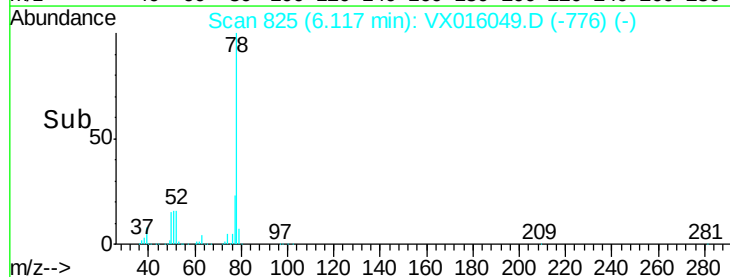
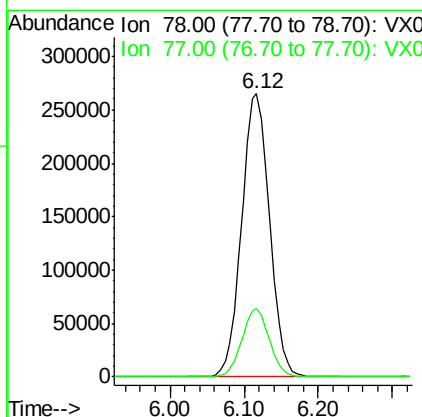
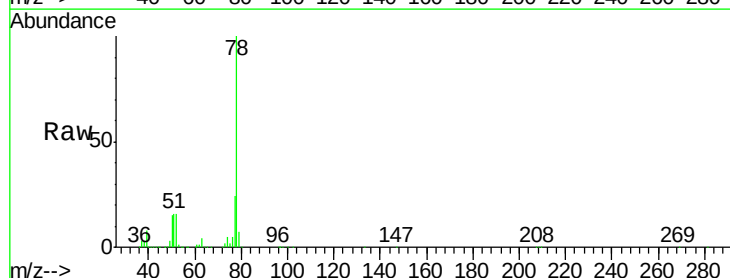
Manual Integrations
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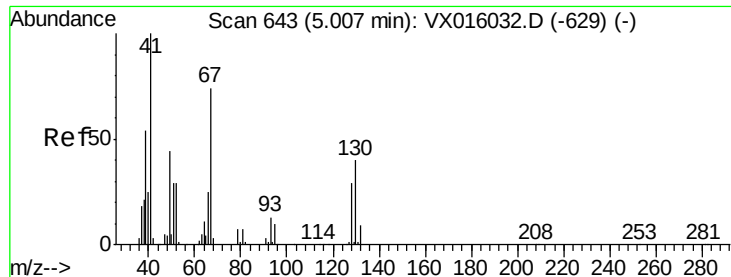
MMDadoda
5/5/2020 11:35:33 AM



#40
Benzene
Concen: 48.480 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4





#41

Methacrylonitrile

Concen: 50.246 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

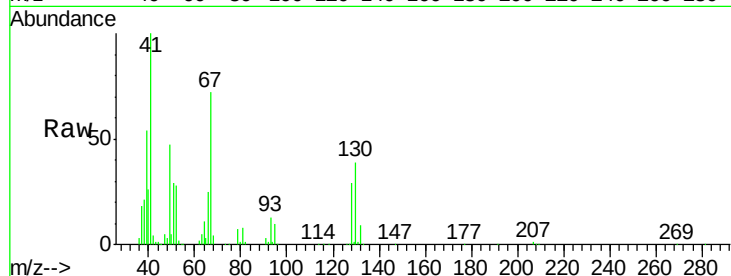
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		154815		
39	54.1	43.2	64.8		
67	71.1	59.3	88.9		
52	28.2	23.5	35.3		

Manual Integrations
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MMDadoda
5/5/2020 11:35:33 AM

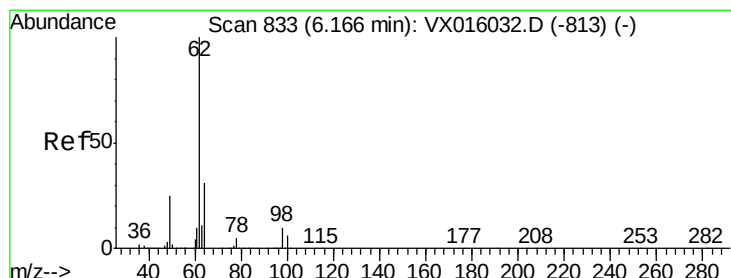
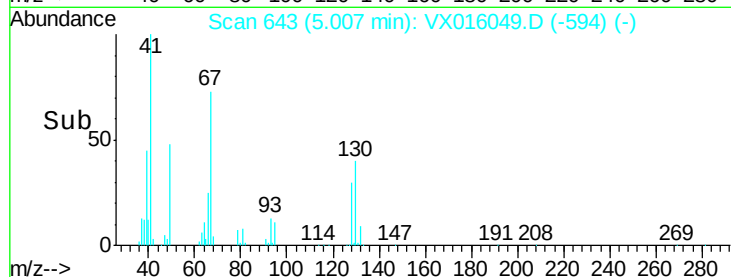
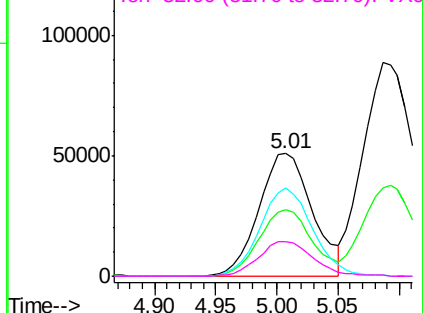


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.277 ug/l

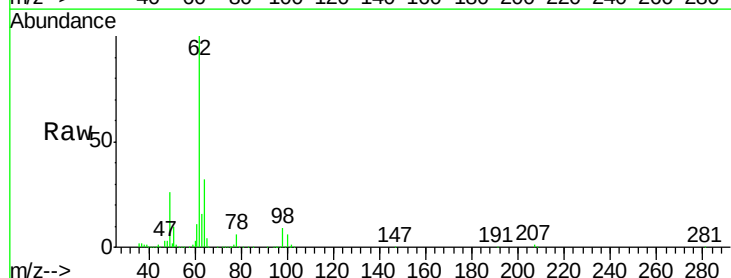
RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX016049.D

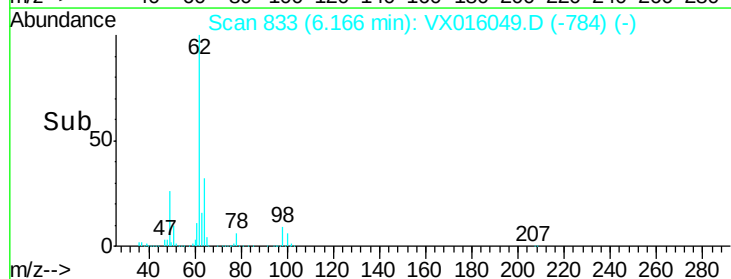
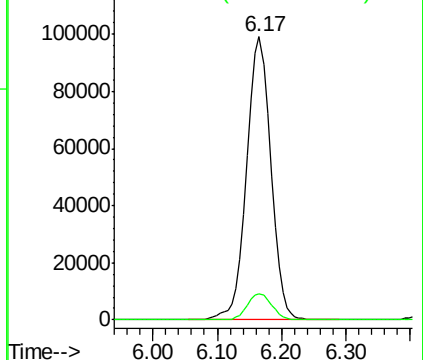
Acq: 04 May 2020 20:32

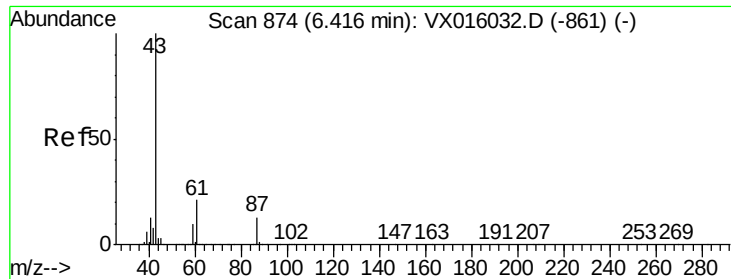
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		255669		
98	9.3	0.0	19.4		



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





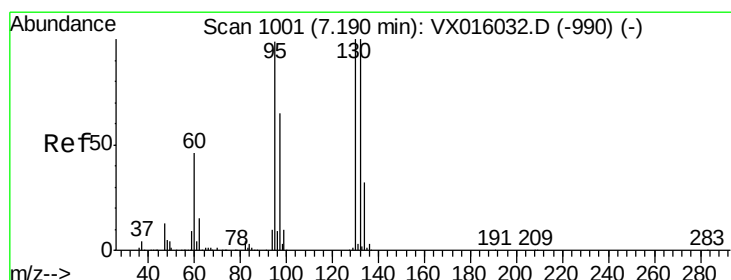
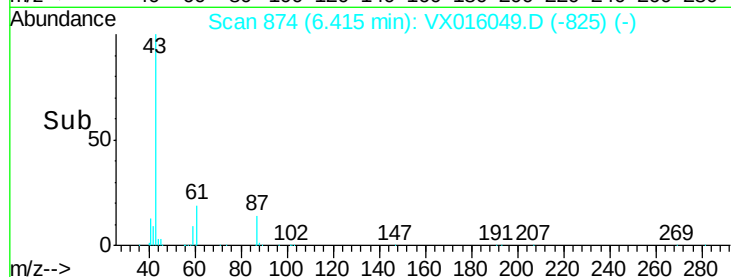
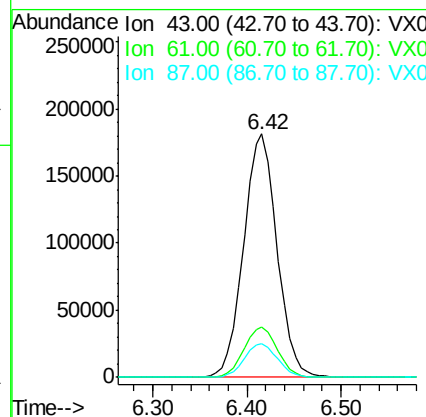
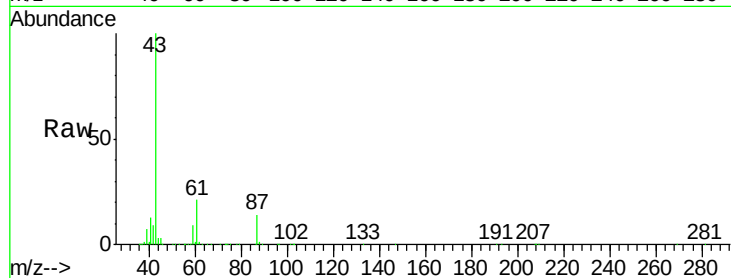
#43
Isopropyl Acetate
Concen: 49.069 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.0	25.4
87	13.9	11.0	16.6

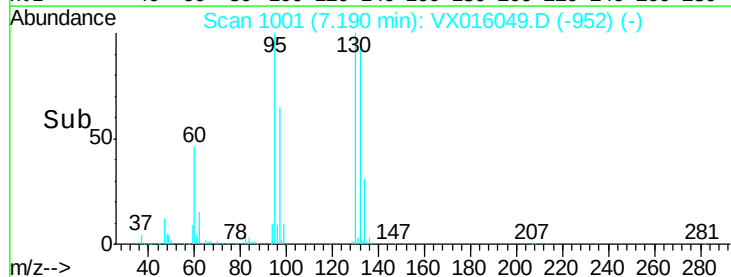
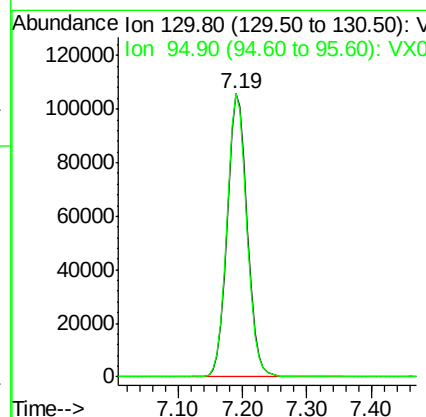
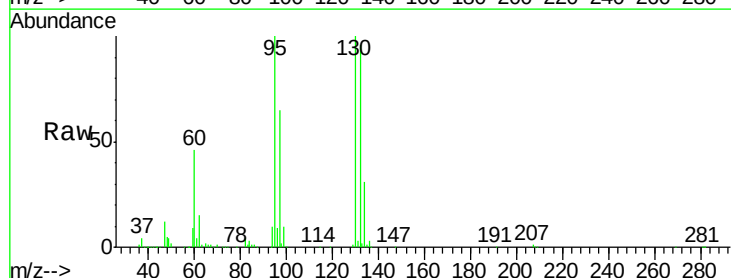
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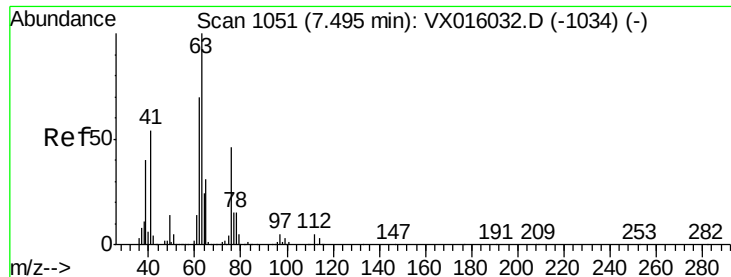
MMDadoda
5/5/2020 11:35:33 AM



#44
Trichloroethene
Concen: 45.511 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	197.4





#45

1,2-Dichloropropane

Concen: 49.262 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 179531

Ion Ratio Lower Upper

63 100

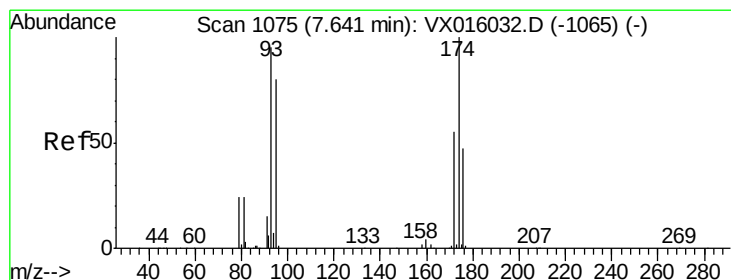
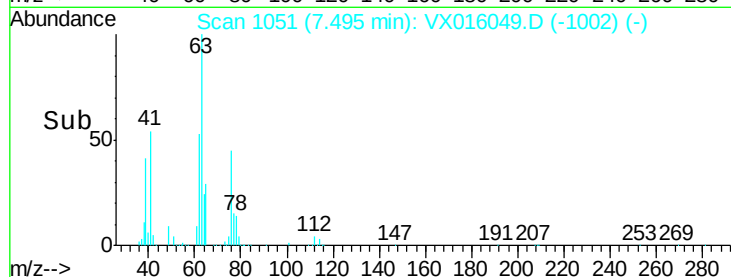
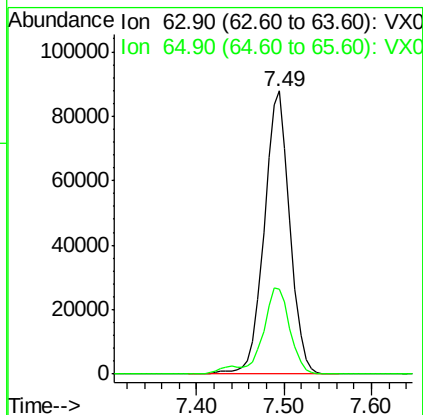
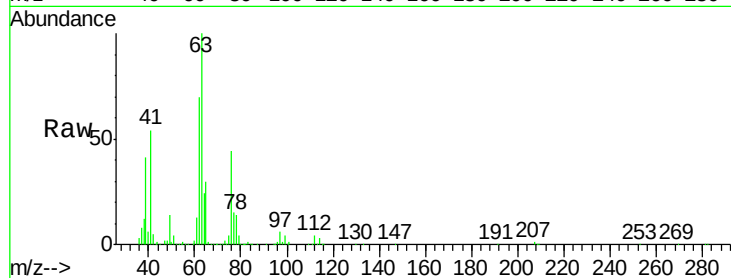
65 30.1 24.4 36.6

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#46

Dibromomethane

Concen: 49.317 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

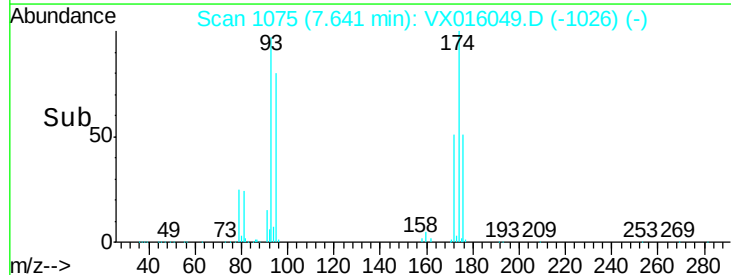
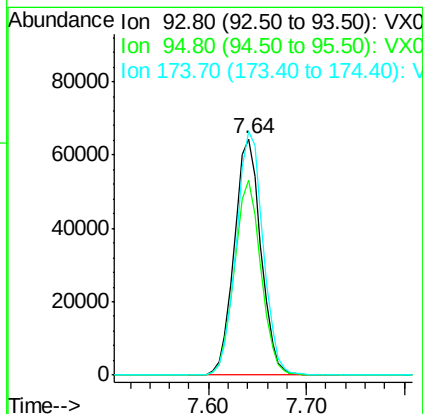
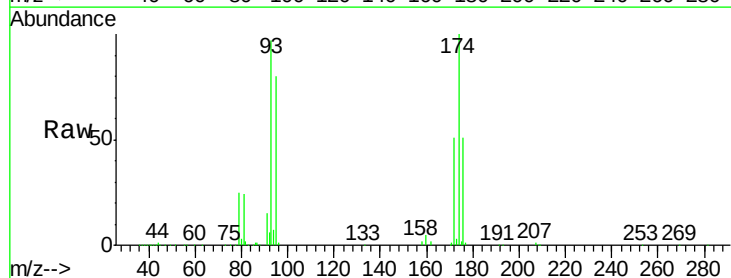
Tgt Ion: 93 Resp: 122140

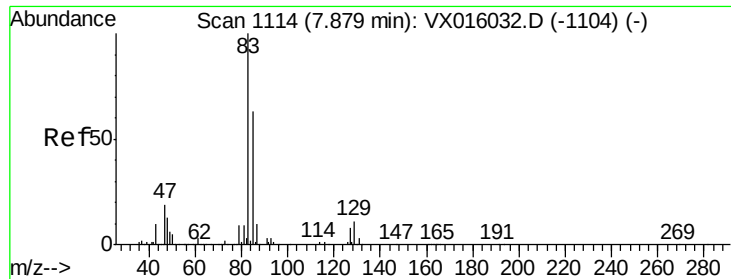
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

174 103.8 84.2 126.4





#47

Bromodichloromethane

Concen: 49.860 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

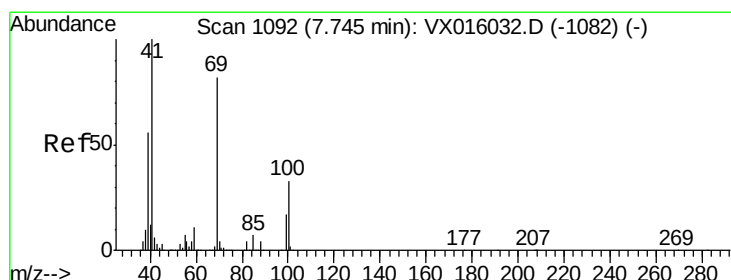
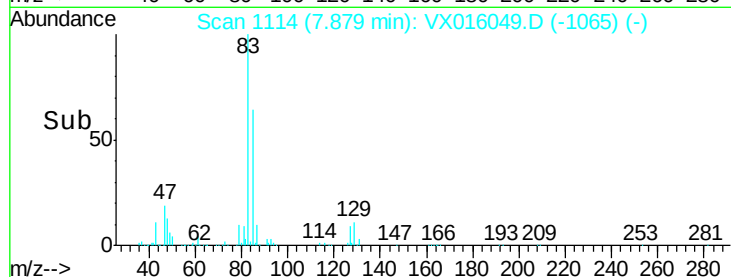
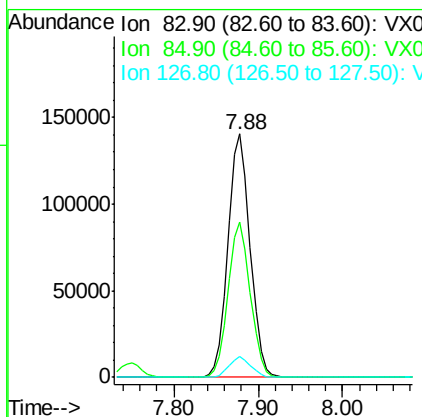
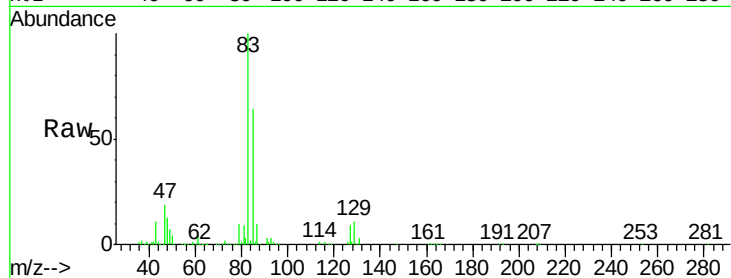
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	251499
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.5	75.7
127	8.6	6.7	10.1

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#48

Methyl methacrylate

Concen: 49.567 ug/l

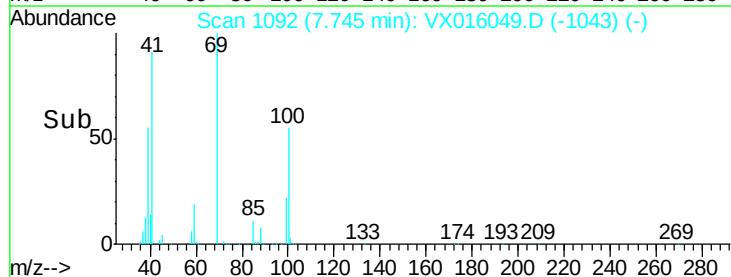
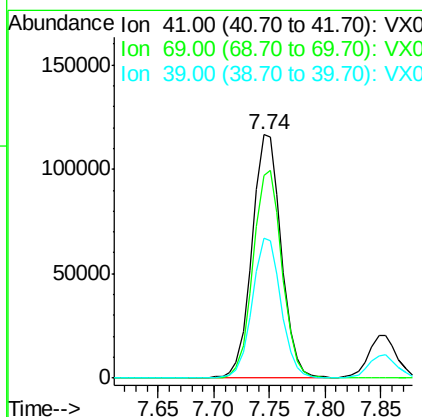
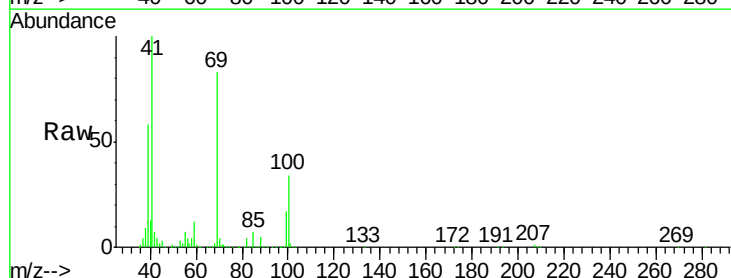
RT: 7.74 min Scan# 1092

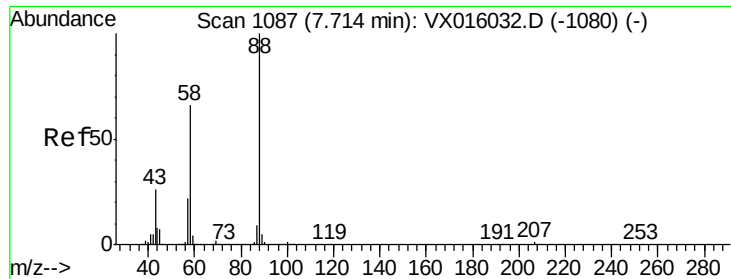
Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Tgt Ion:	41	Resp:	213803
Ion	Ratio	Lower	Upper
41	100		
69	84.4	67.8	101.6
39	56.4	44.6	67.0





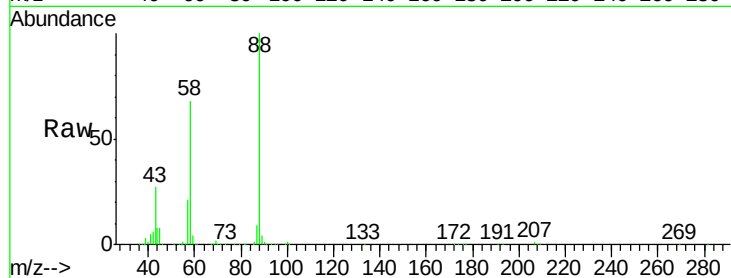
#49
1,4-Dioxane
Concen: 978.507 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.7	25.3	37.9
58	69.9	55.9	83.9

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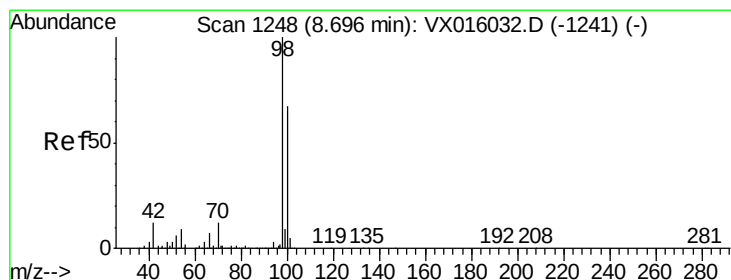
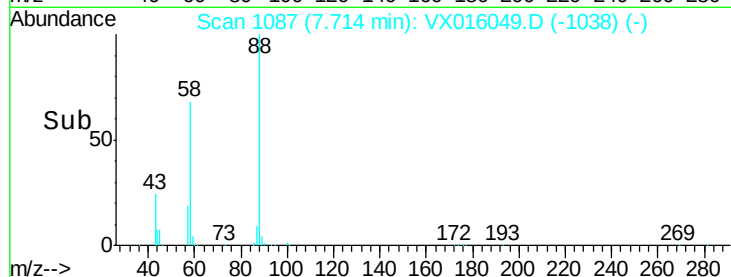
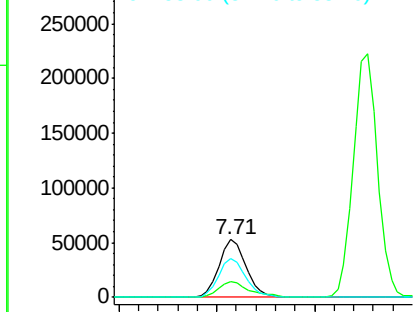


Abundance

Ion 88.00 (87.70 to 88.70): VX0

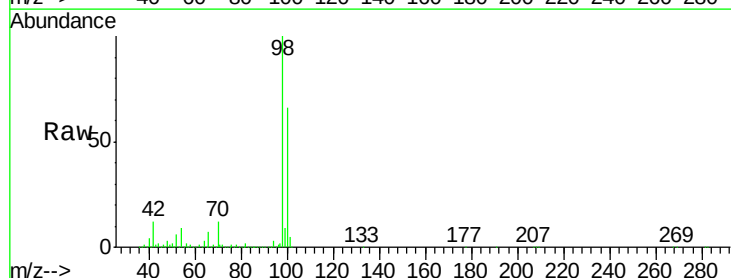
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 48.240 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

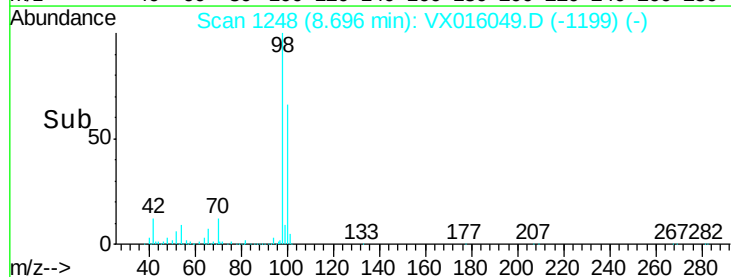
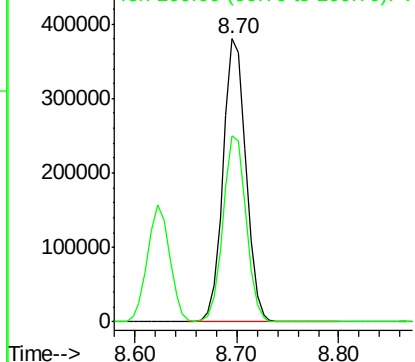
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.7	80.5

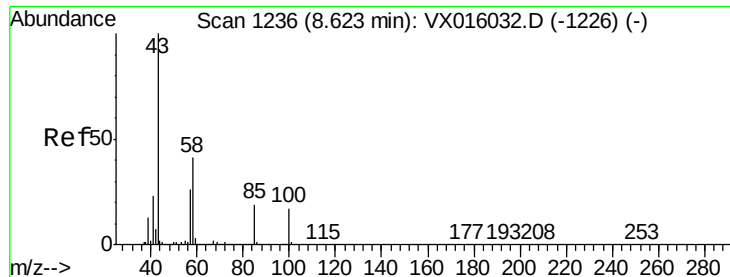


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





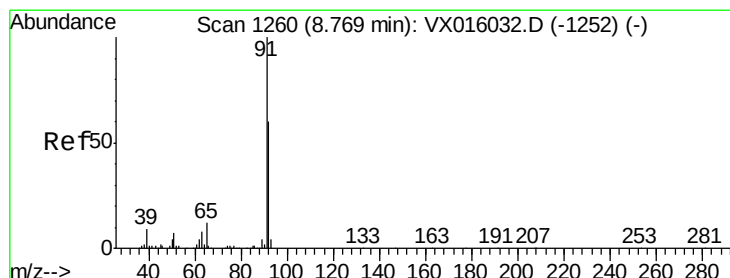
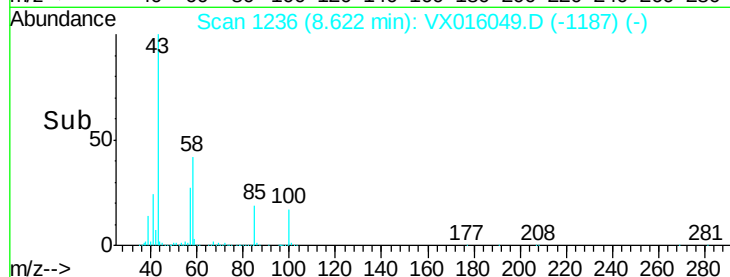
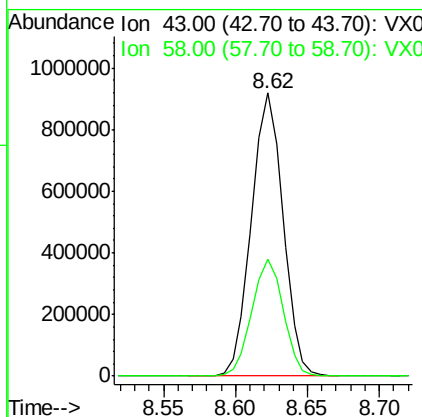
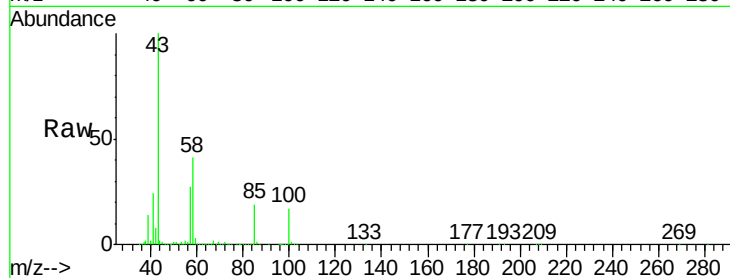
#51
 4-Methyl-2-Pentanone
 Concen: 250.587 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1395895
 Ion Ratio Lower Upper
 43 100
 58 41.1 33.0 49.4

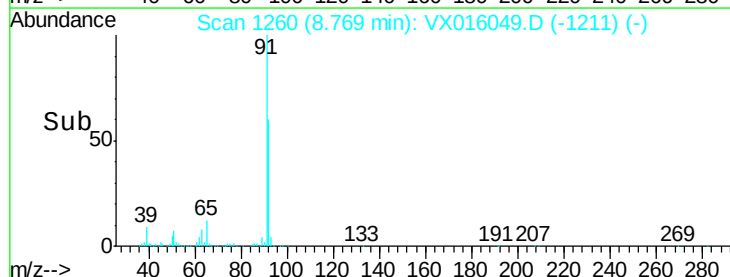
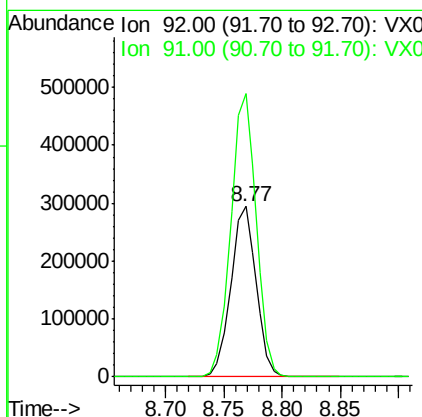
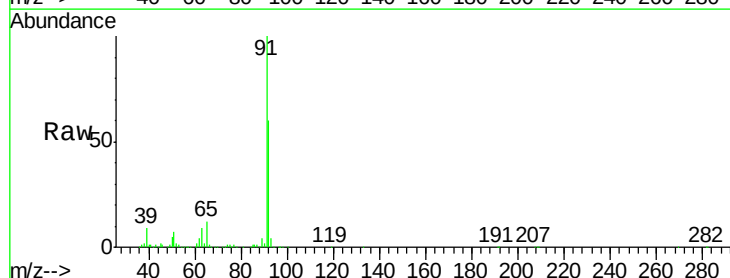
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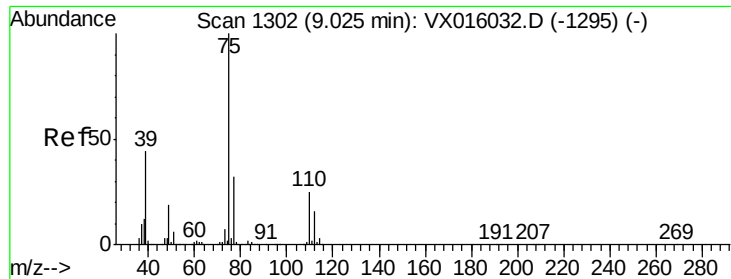
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#52
 Toluene
 Concen: 49.458 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion: 92 Resp: 444013
 Ion Ratio Lower Upper
 92 100
 91 167.4 134.5 201.7





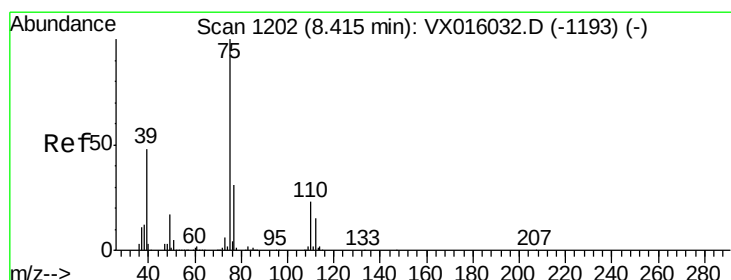
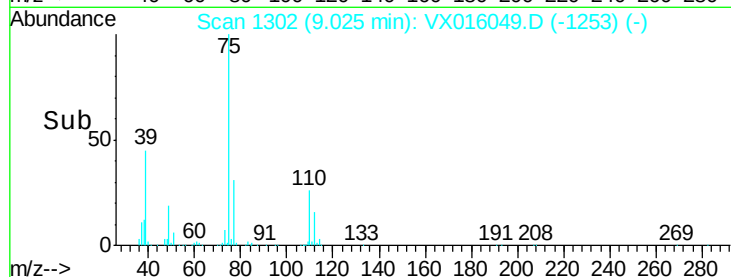
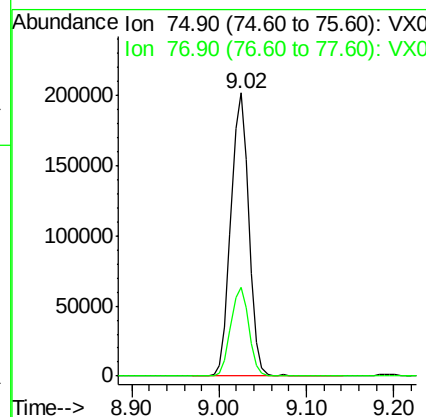
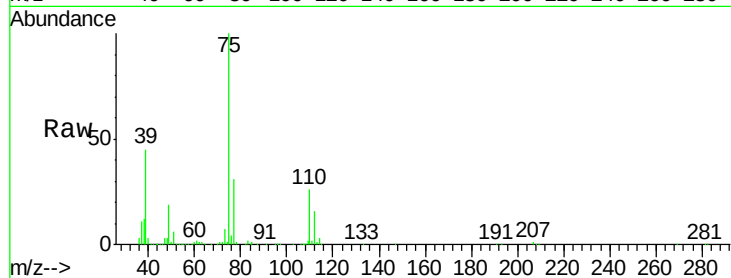
#53
t-1,3-Dichloropropene
Concen: 47.867 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.7	38.5

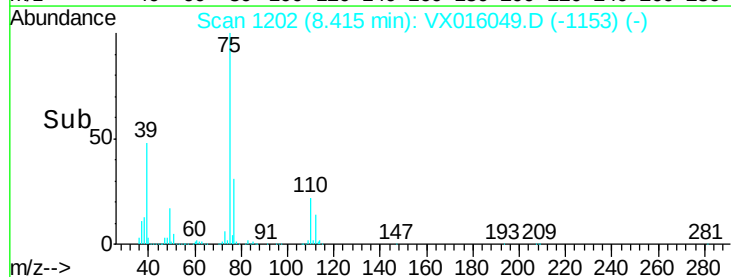
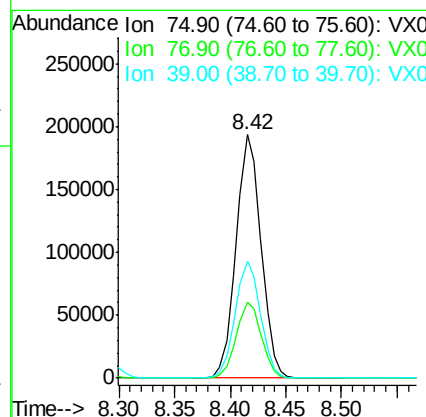
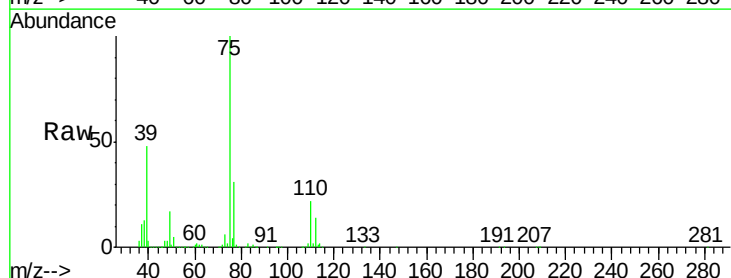
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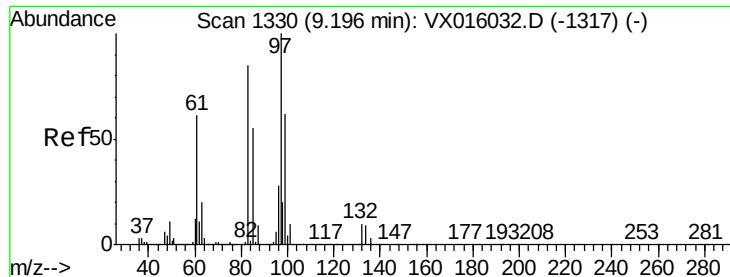
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 47.970 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.7	37.1
39	47.8	38.7	58.1





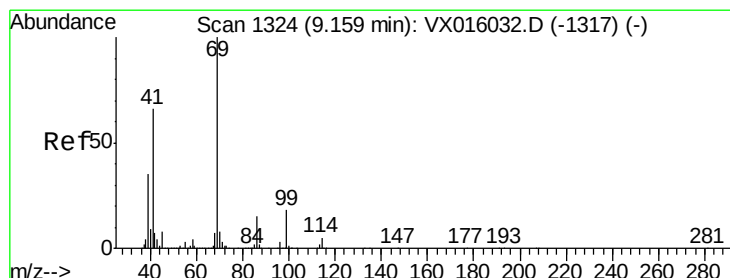
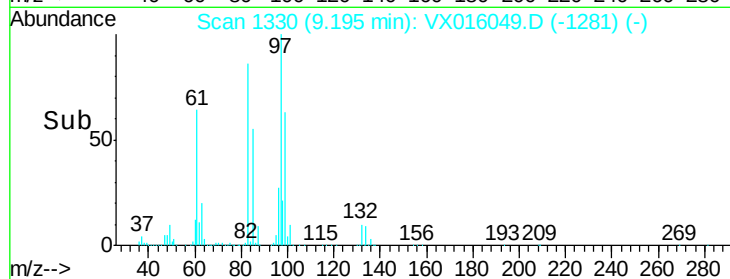
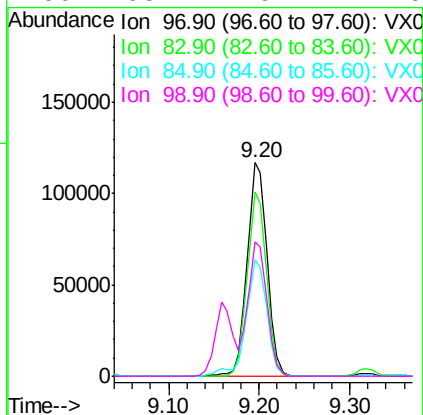
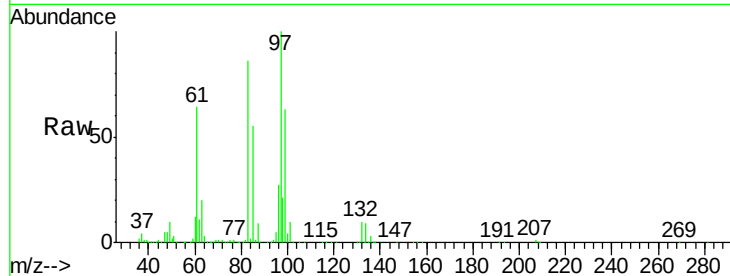
#55
 1,1,2-Trichloroethane
 Concen: 50.211 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	177352
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.8	101.8
85	54.5	43.8	65.8
99	63.1	49.4	74.0

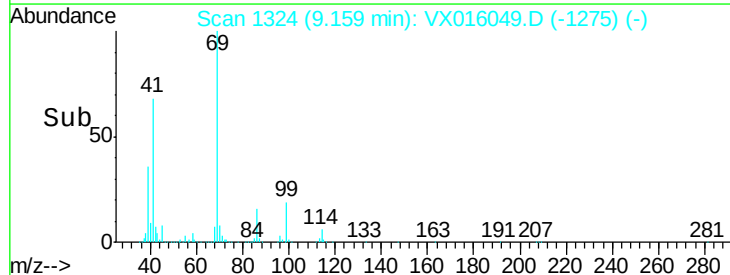
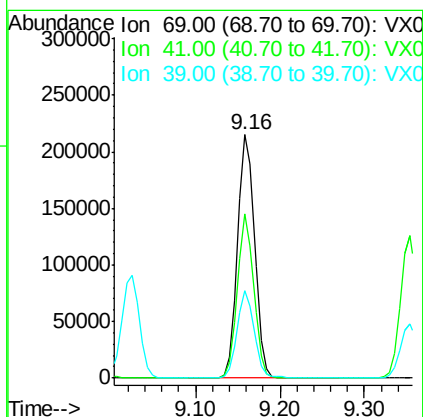
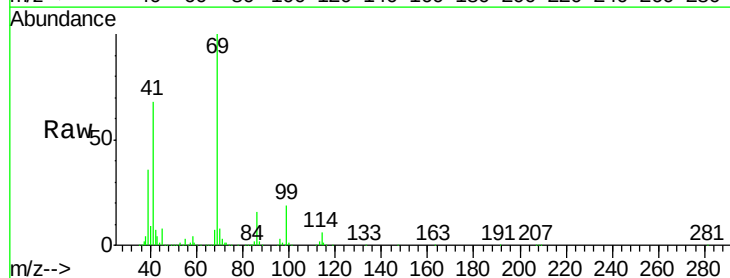
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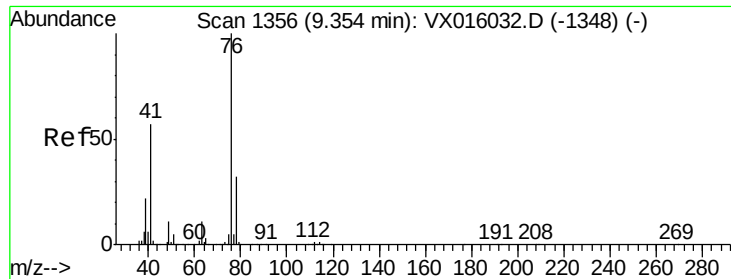
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#56
 Ethyl methacrylate
 Concen: 50.842 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion:	69	Resp:	293130
Ion	Ratio	Lower	Upper
69	100		
41	64.6	52.2	78.4
39	35.7	28.2	42.4





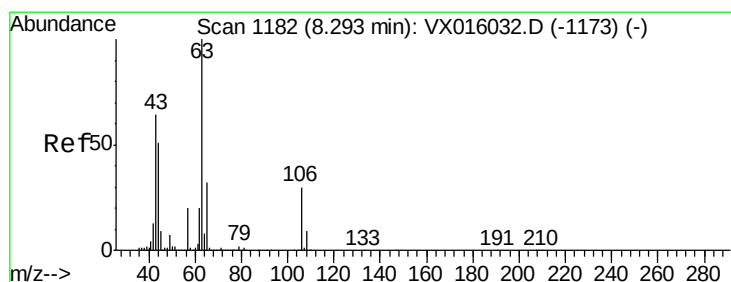
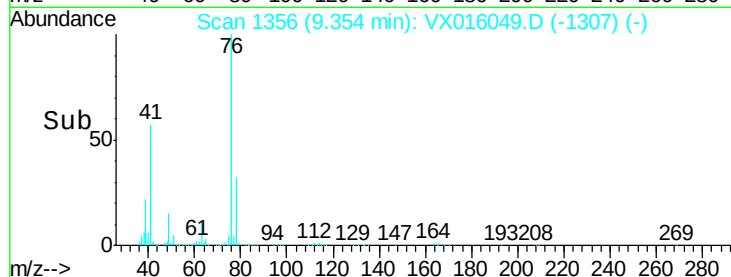
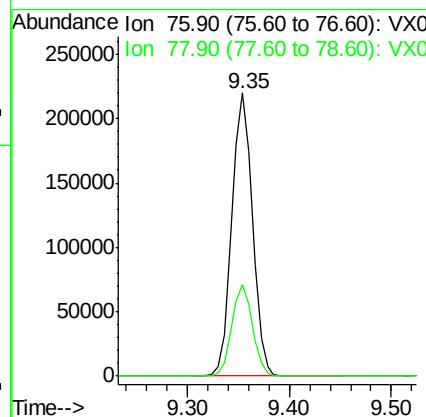
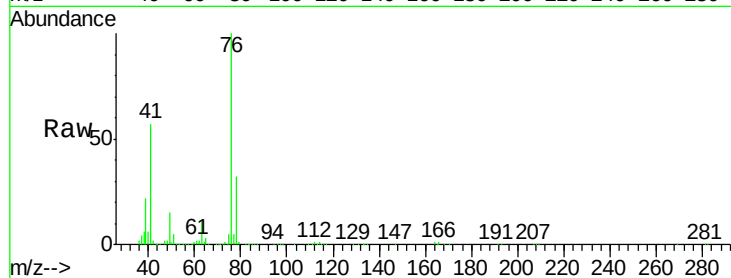
#57
 1,3-Dichloropropane
 Concen: 49.676 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.9	38.9

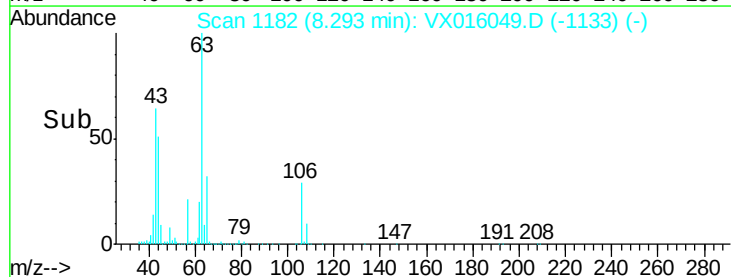
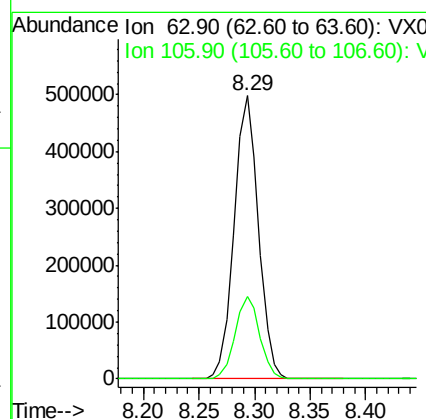
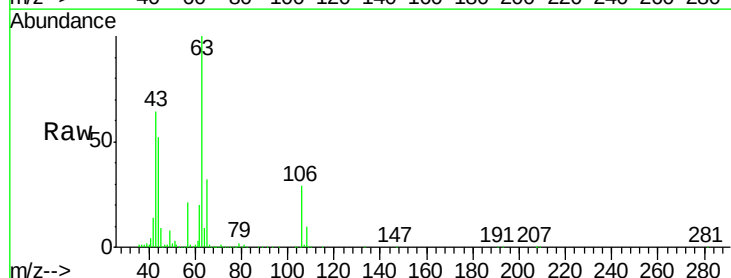
Manual Integrations
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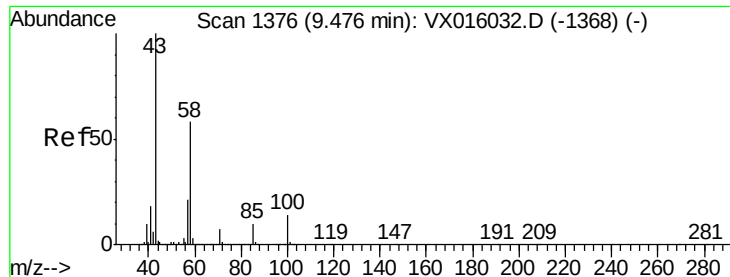
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#58
 2-Chloroethyl Vinyl ether
 Concen: 244.438 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.3	23.4	35.2





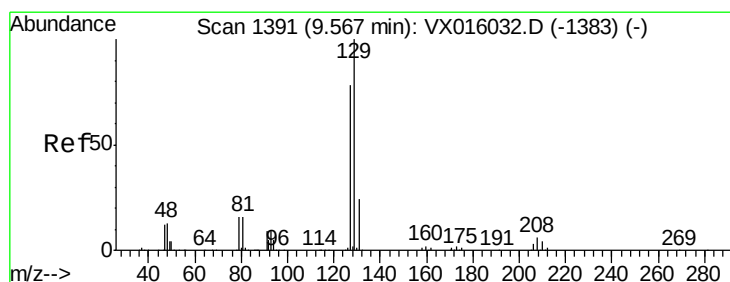
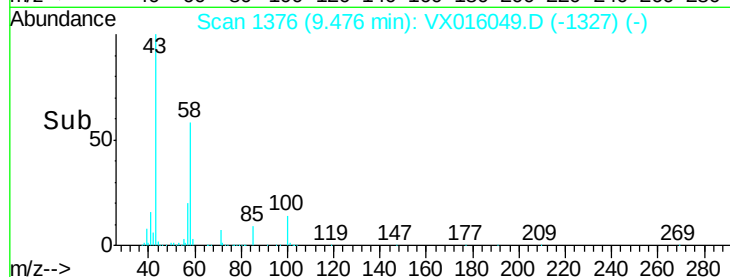
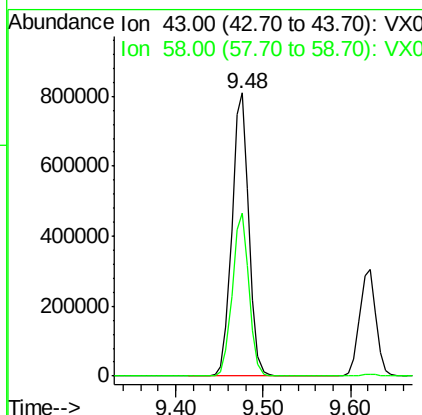
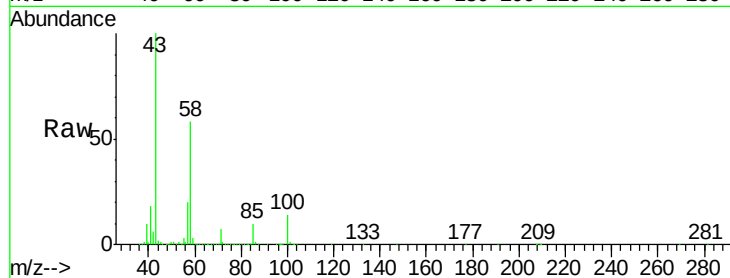
#59
2-Hexanone
Concen: 248.804 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1088431
Ion Ratio Lower Upper
43 100
58 57.1 28.6 85.9

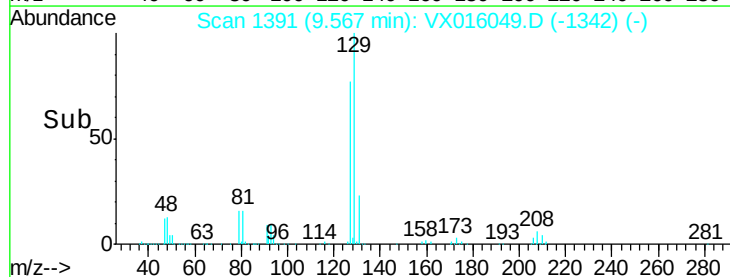
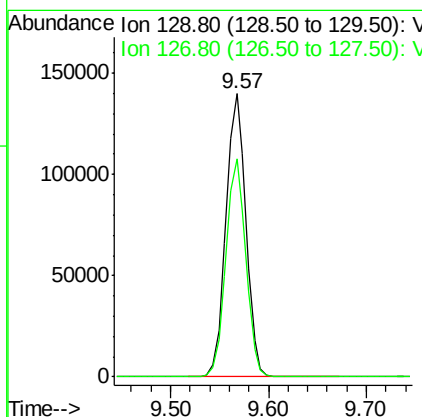
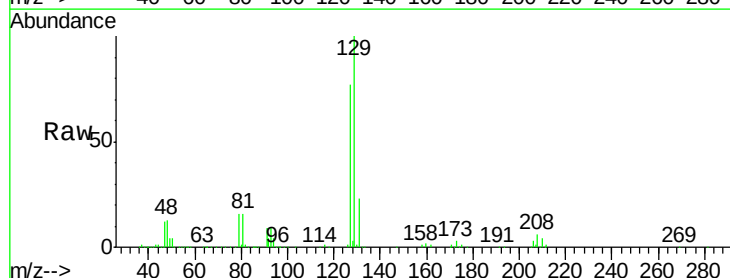
Manual Integrations
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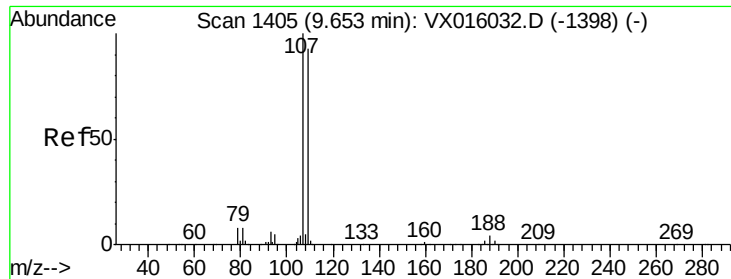
MMDadoda
5/5/2020 11:35:33 AM



#60
Dibromochloromethane
Concen: 50.908 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion: 129 Resp: 198039
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 49.862 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 190769

Ion Ratio Lower Upper

107 100

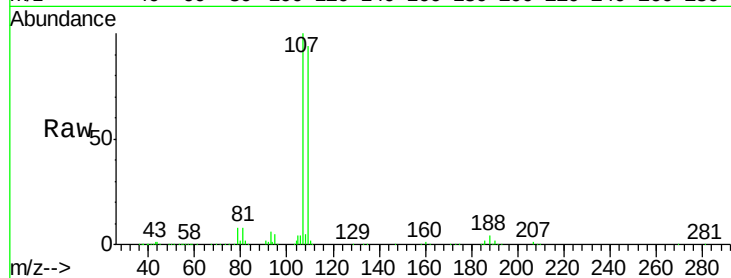
109 93.6 74.9 112.3

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

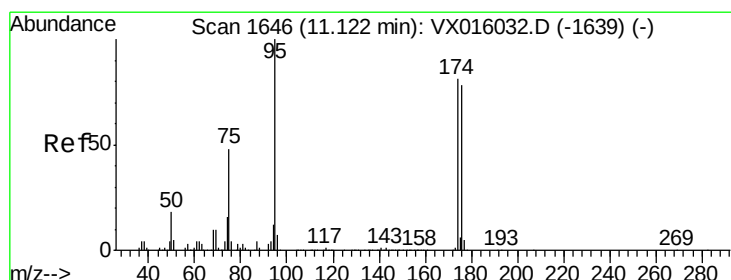
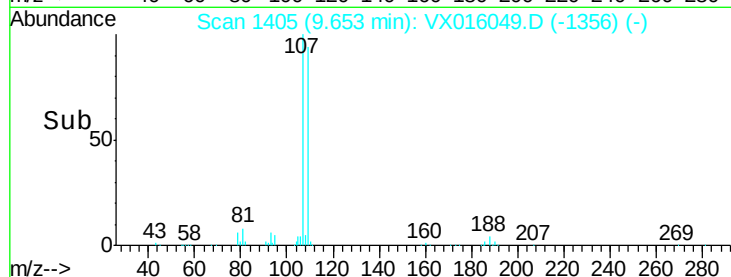
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.953 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

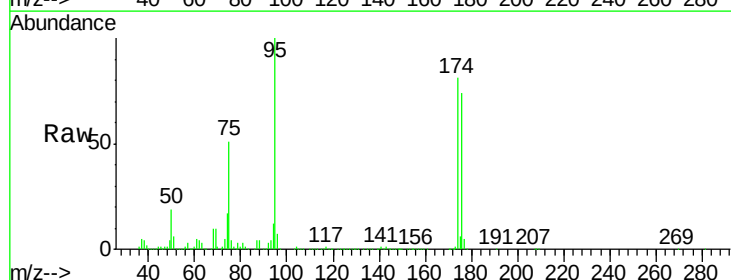
Tgt Ion: 95 Resp: 227288

Ion Ratio Lower Upper

95 100

174 82.1 0.0 159.4

176 77.7 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

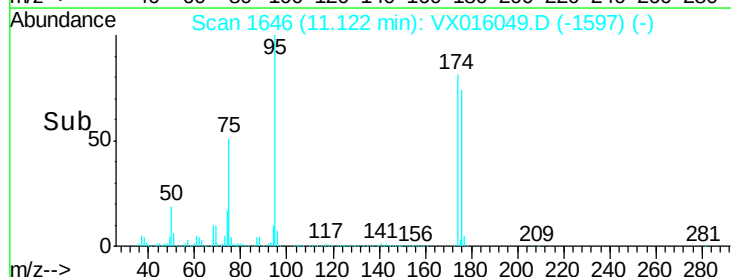
150000

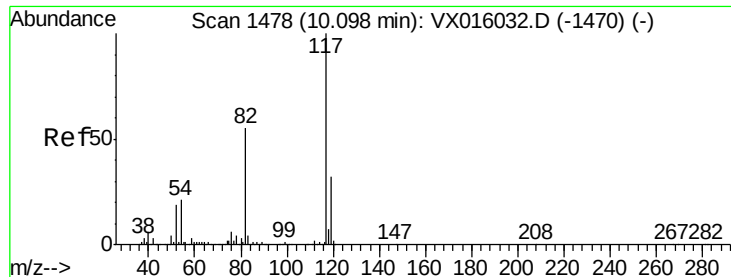
100000

50000

0

Time-->





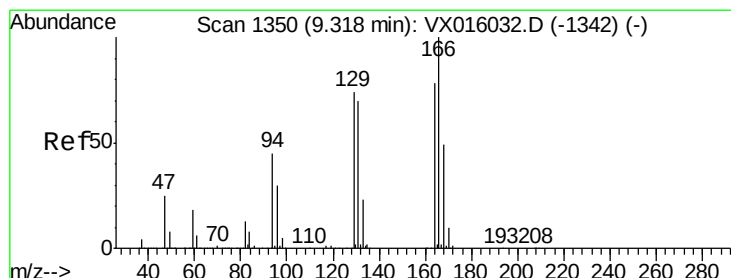
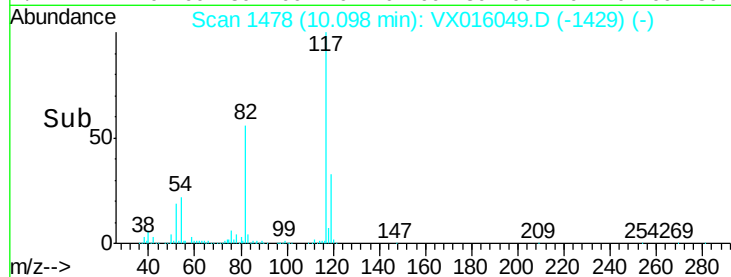
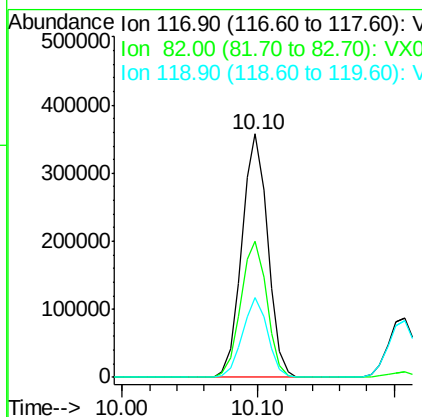
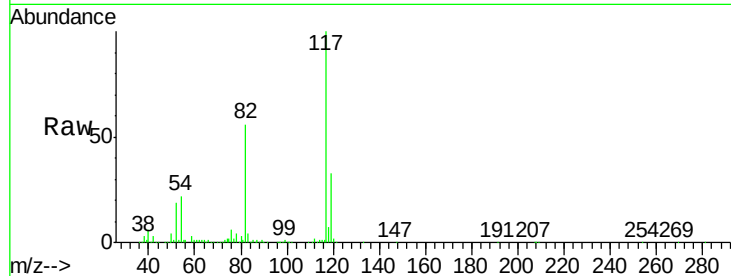
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.4	66.6
119	32.7	25.5	38.3

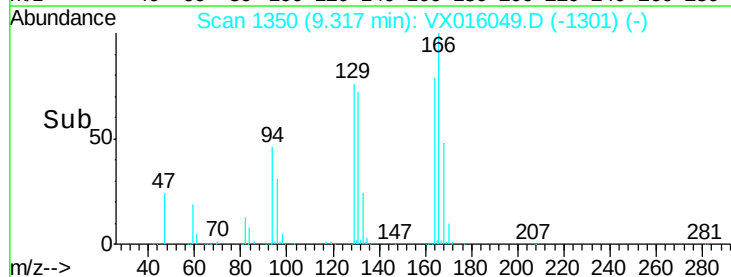
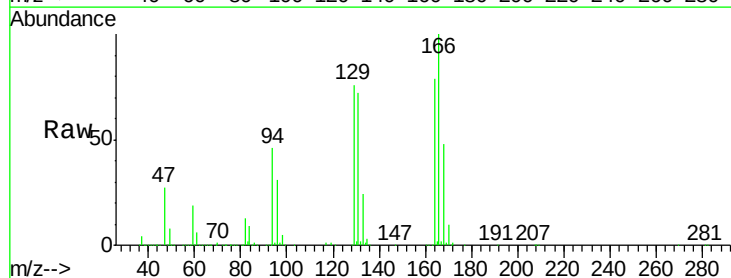
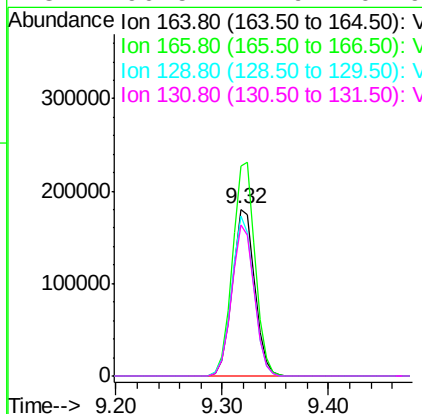
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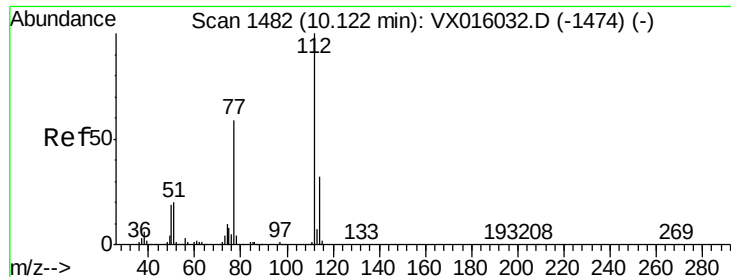
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#64
Tetrachloroethene
Concen: 45.805 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	102.9	154.3
129	95.8	76.1	114.1
131	90.5	71.9	107.9





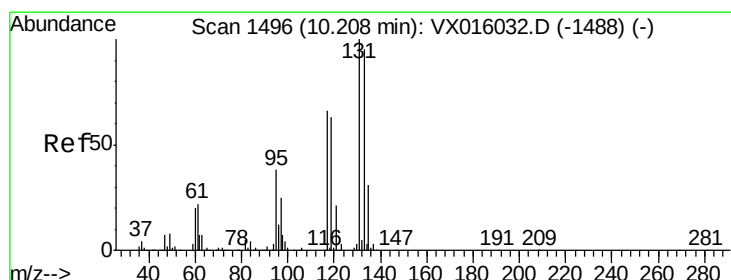
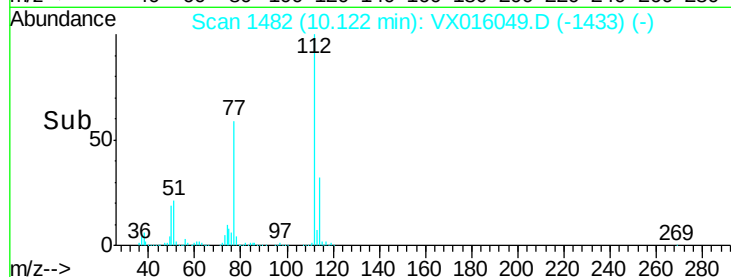
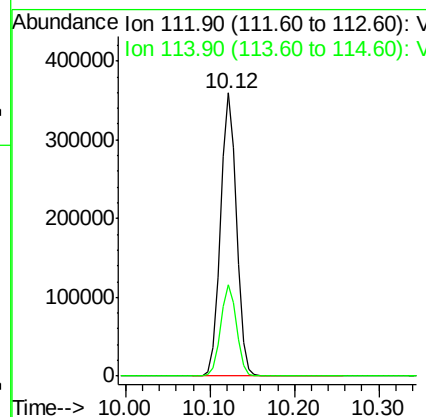
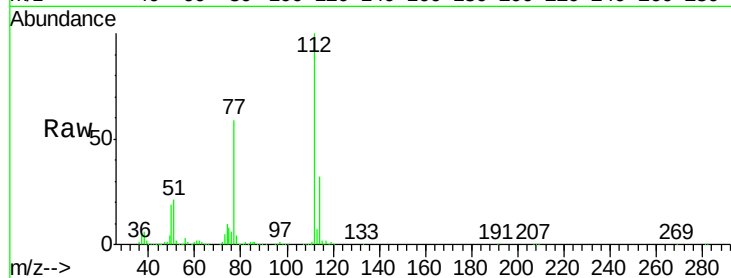
#65
Chlorobenzene
Concen: 47.554 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.7	38.5

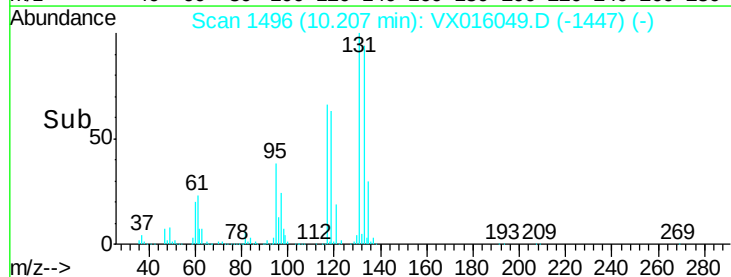
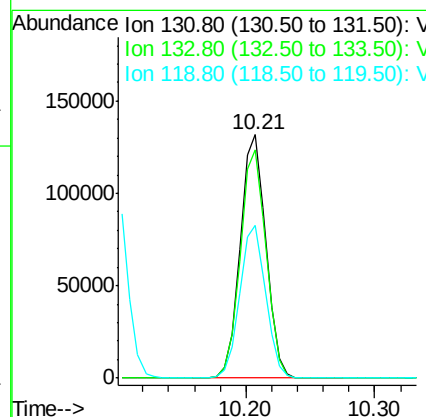
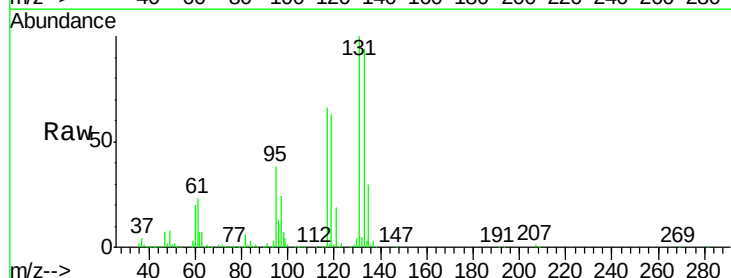
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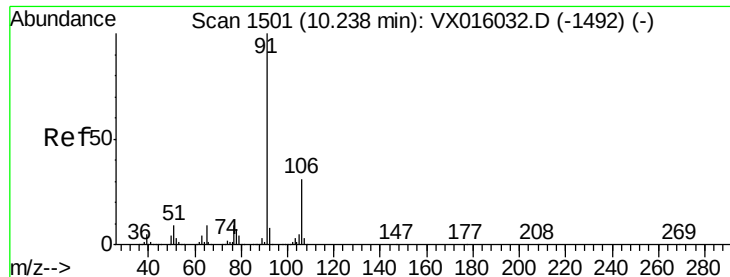
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.523 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	48.3	144.8
119	63.1	32.3	96.9





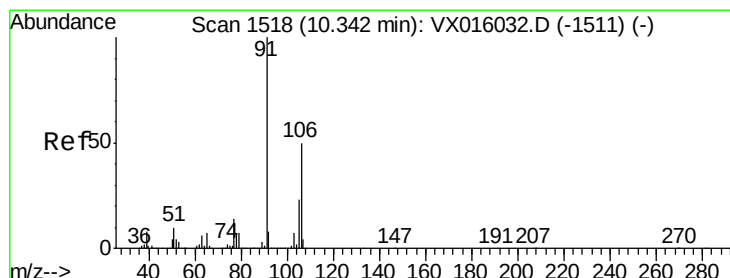
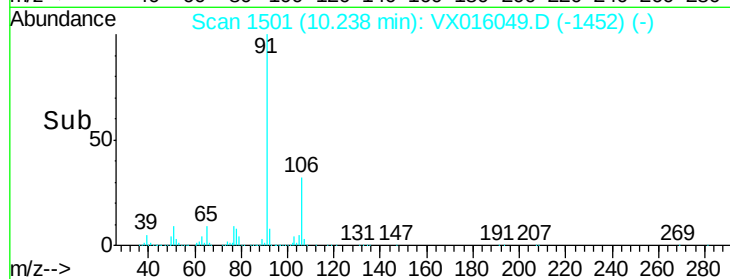
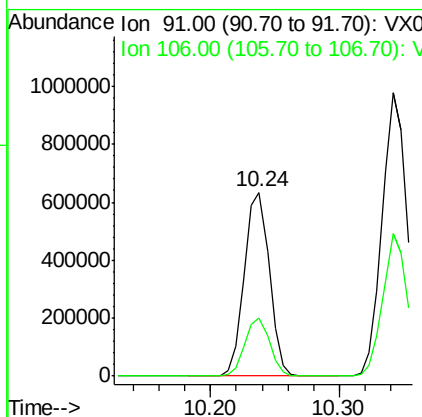
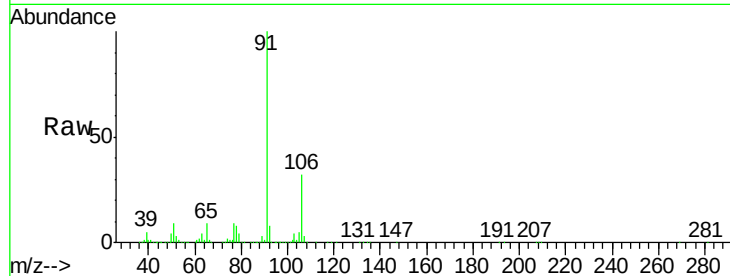
#67
Ethyl Benzene
Concen: 47.894 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 849550
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7

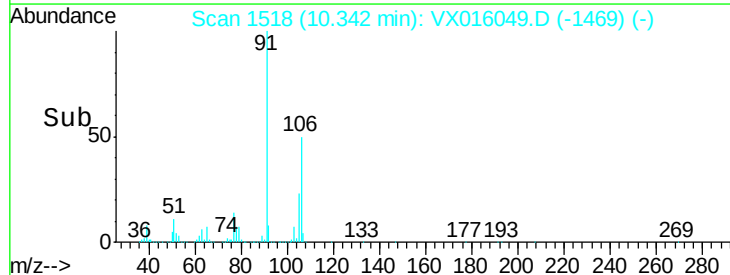
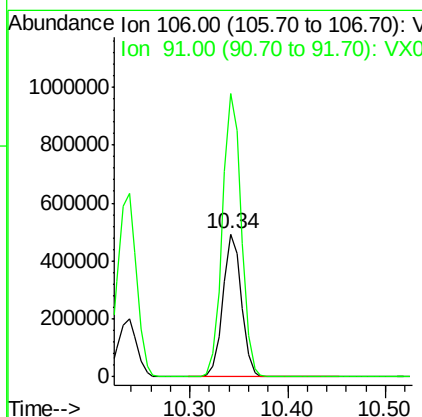
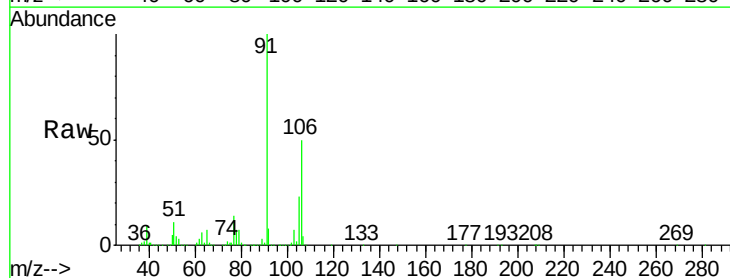
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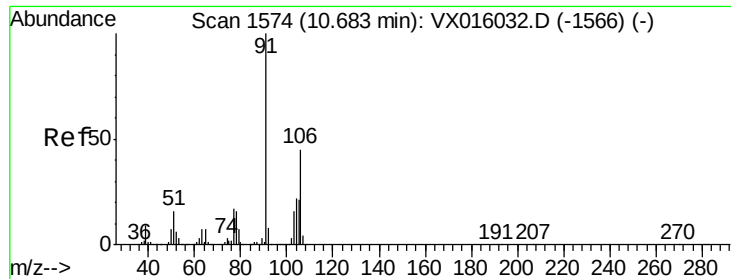
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#68
m/p-Xylenes
Concen: 97.035 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion: 106 Resp: 644870
Ion Ratio Lower Upper
106 100
91 202.1 161.7 242.5





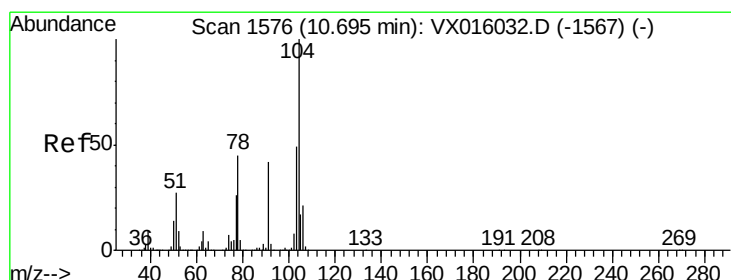
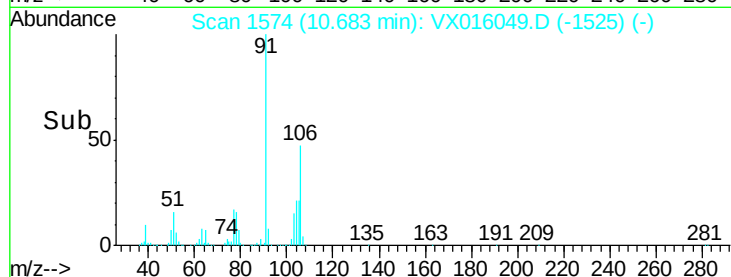
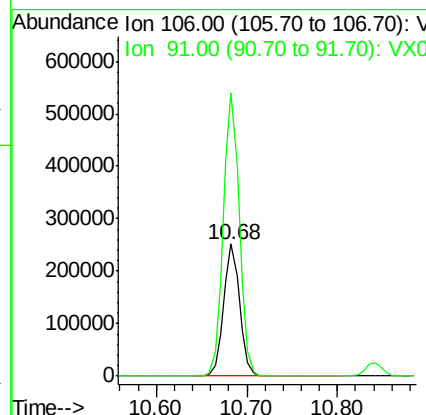
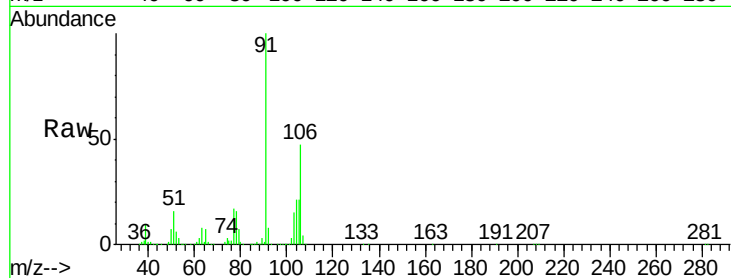
#69
o-Xylene
Concen: 48.441 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	215.6	107.5	309448	322.6	

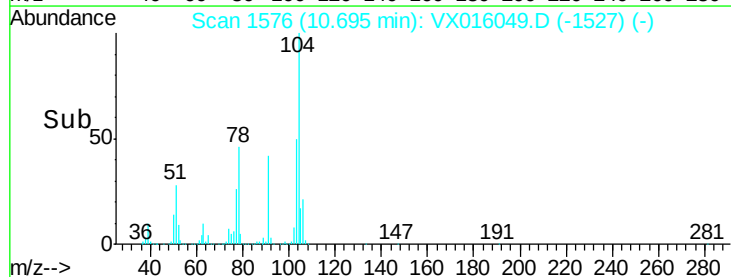
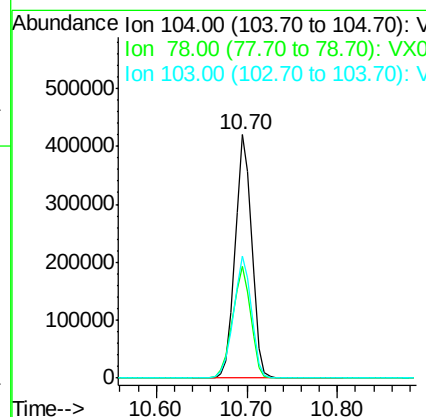
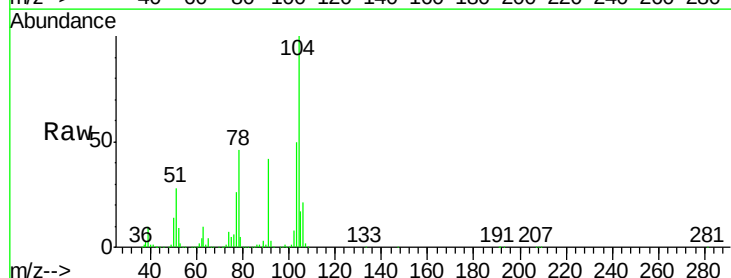
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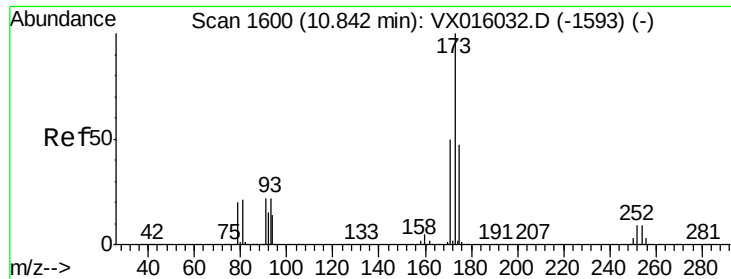
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#70
Styrene
Concen: 49.331 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	50.4	40.2	534628	60.2	
103	53.8	43.0		64.6	





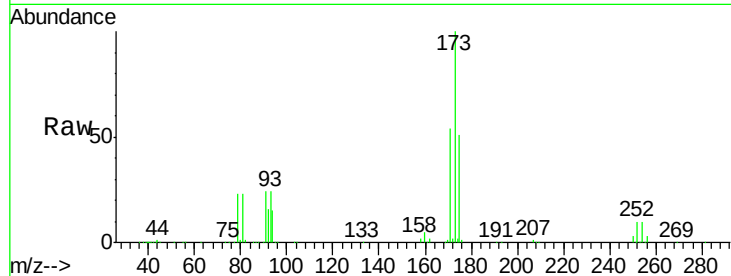
#71
Bromoform
Concen: 49.087 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

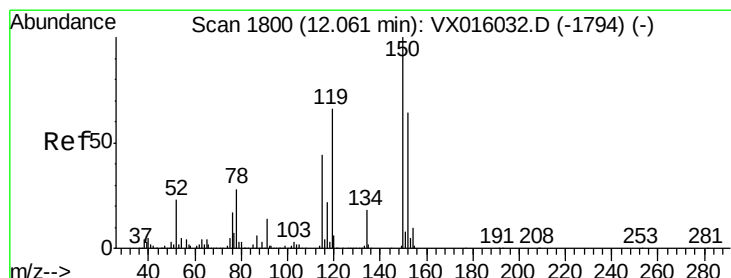
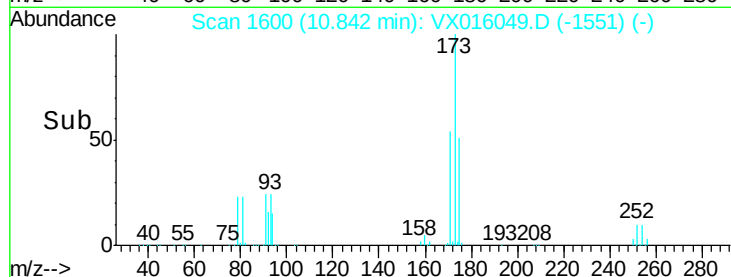
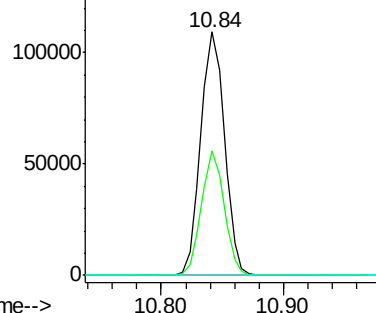
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.0	72.0
254	0.1	0.1	0.1

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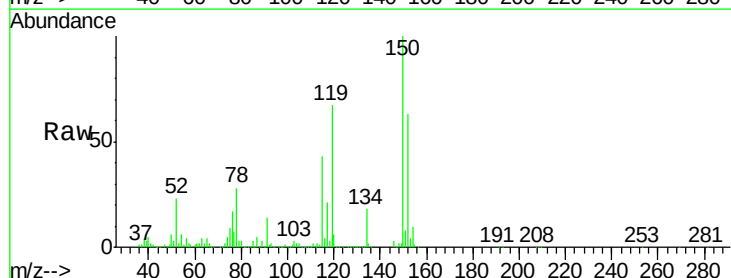


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

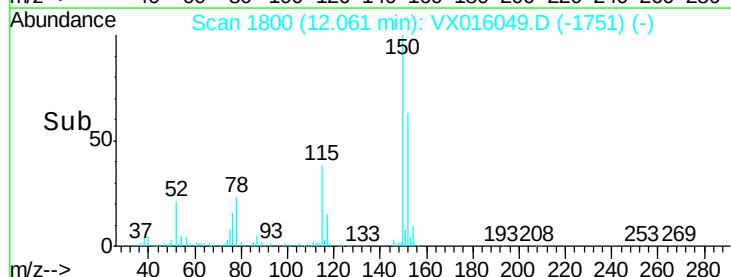
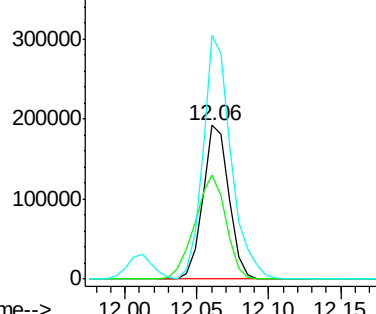


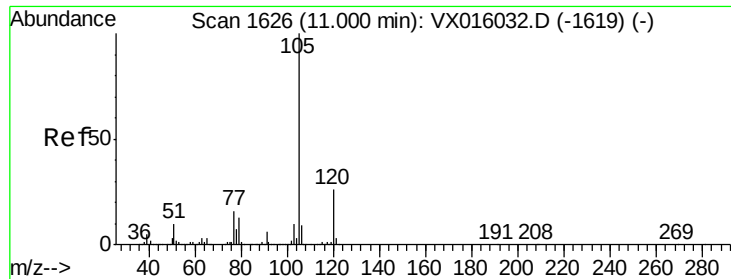
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.1	41.3	124.1
150	170.3	0.0	352.2



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: 47.606 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 839402

Ion Ratio Lower Upper

105 100

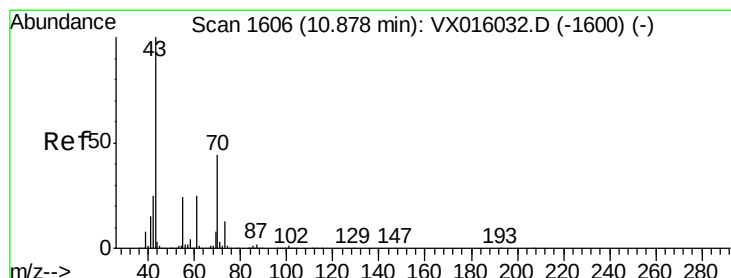
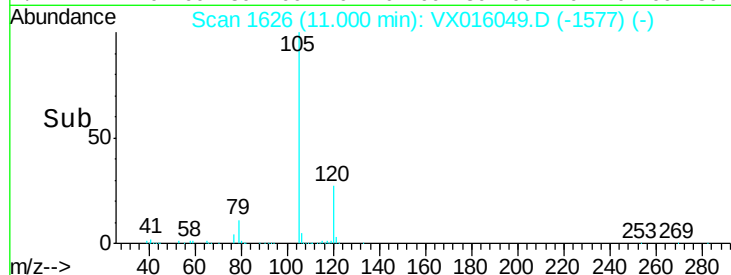
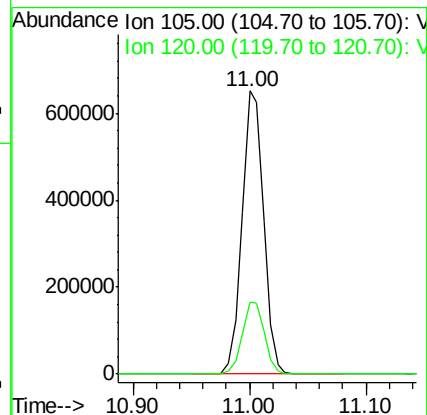
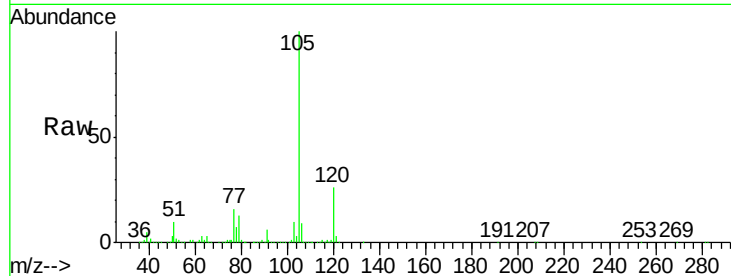
120 26.1 13.4 40.2

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#74

N-ethyl acetate

Concen: 47.292 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Tgt Ion: 43 Resp: 388952

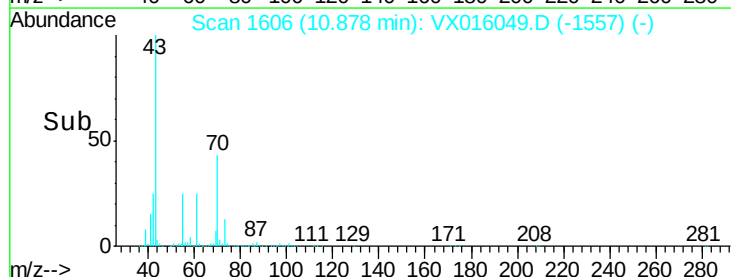
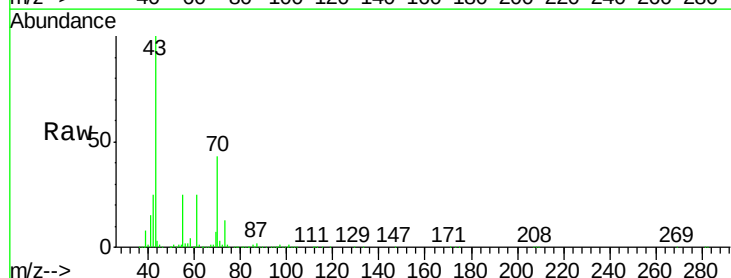
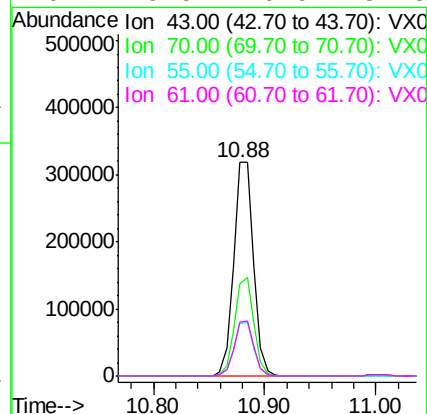
Ion Ratio Lower Upper

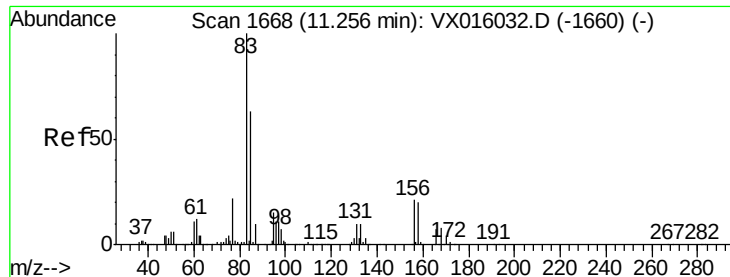
43 100

70 44.9 36.5 54.7

55 24.8 19.7 29.5

61 25.5 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.324 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

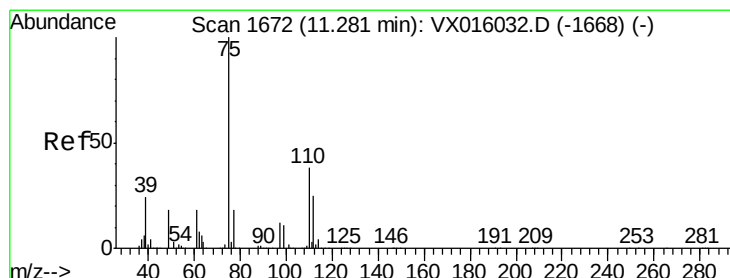
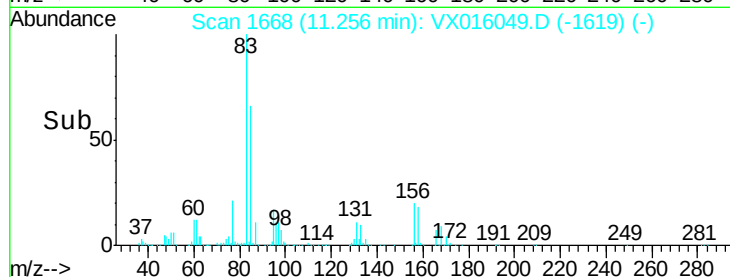
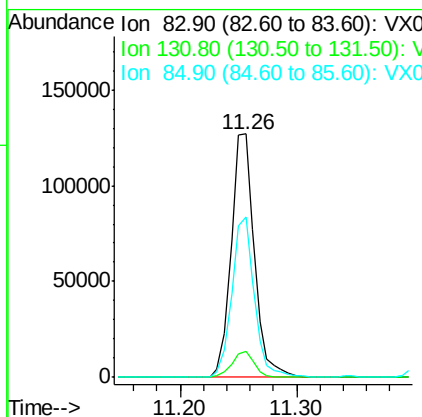
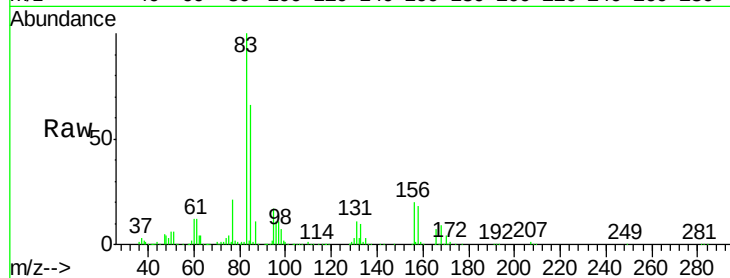
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	176311
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	64.2	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 46.775 ug/l m

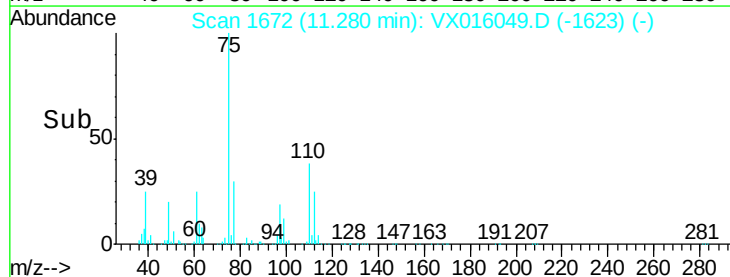
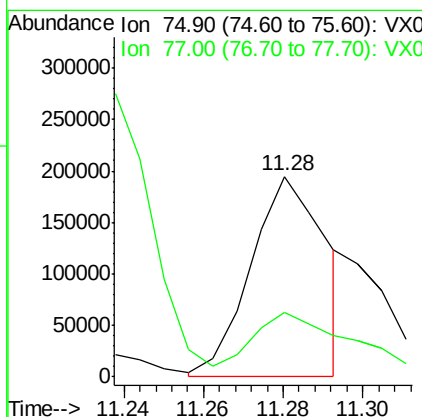
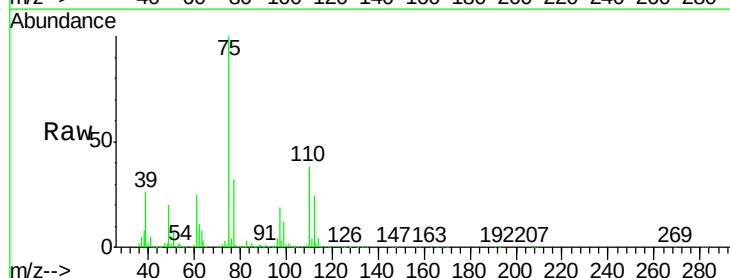
RT: 11.28 min Scan# 1672

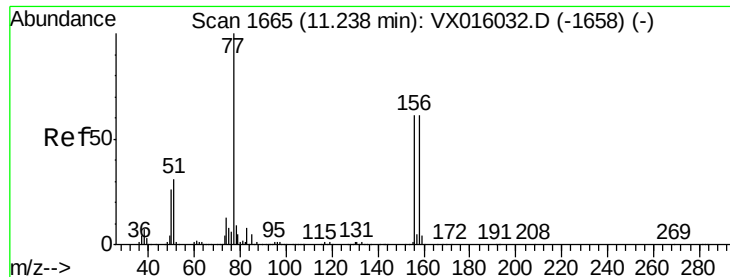
Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Tgt Ion:	75	Resp:	257315
Ion Ratio	Lower	Upper	
75	100		
77	43.0	21.2	63.6





#77

Bromobenzene

Concen: 45.359 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

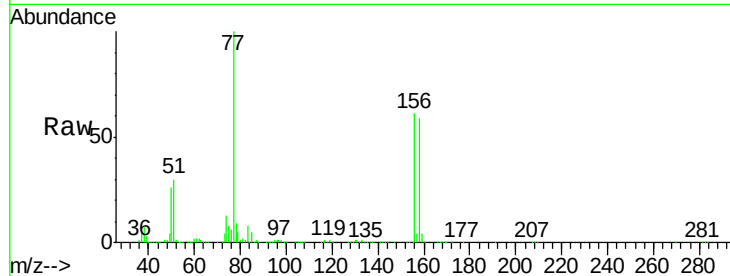
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	206438
Ion Ratio	Lower	Upper	
156	100		
77	163.9	80.1	240.3
158	98.5	49.4	148.2

Manual Integrations
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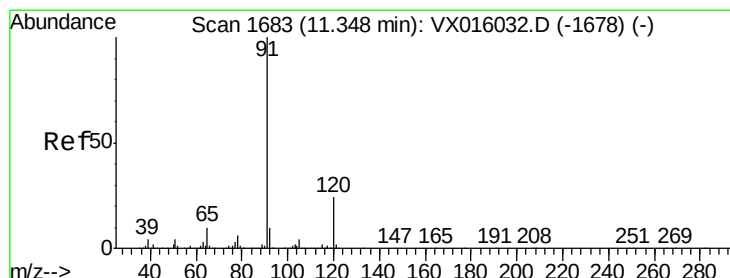
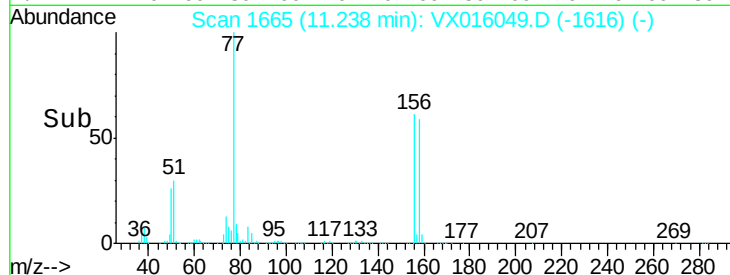
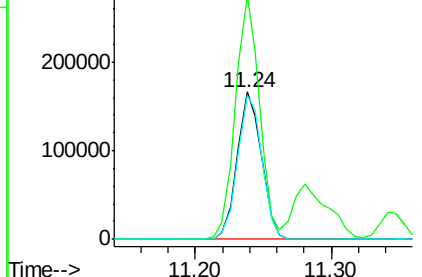
MMDadoda
5/5/2020 11:35:33 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.817 ug/l

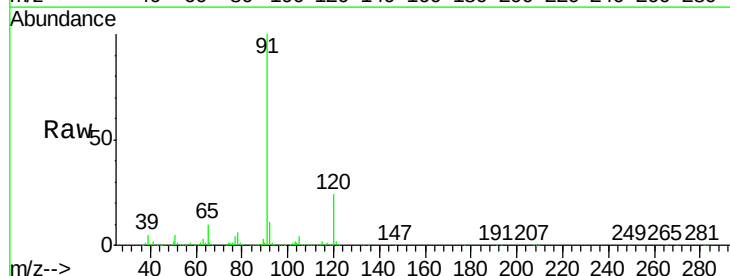
RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016049.D

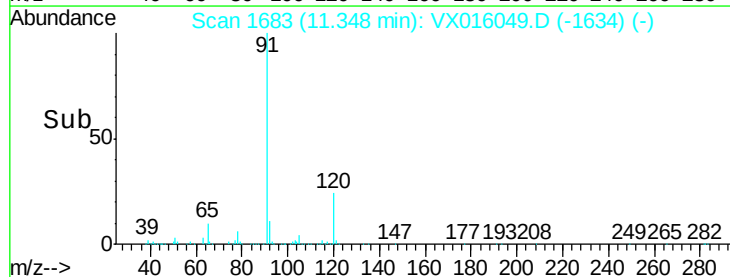
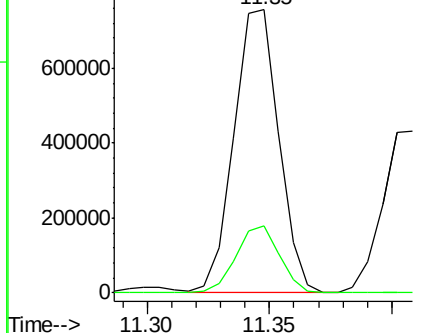
Acq: 04 May 2020 20:32

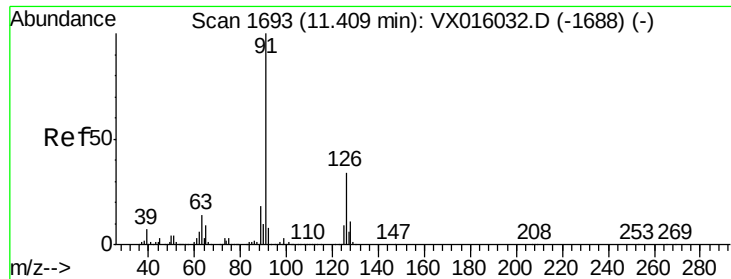
Tgt Ion:	91	Resp:	960321
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





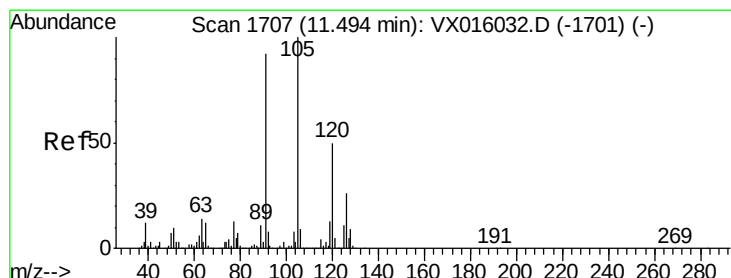
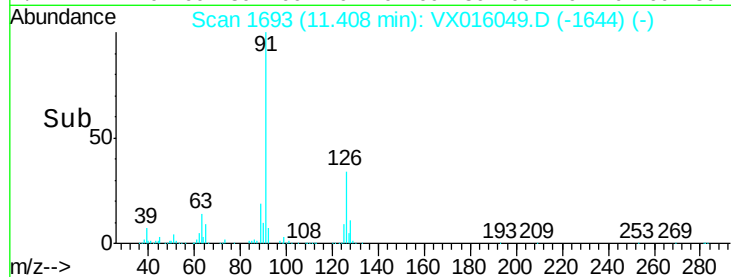
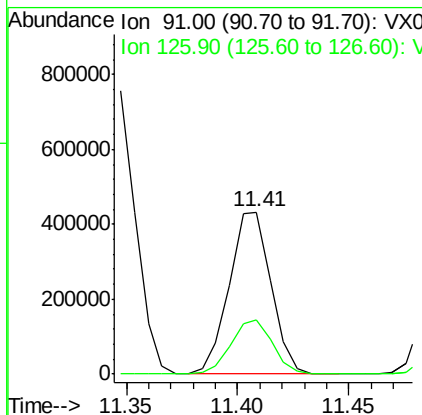
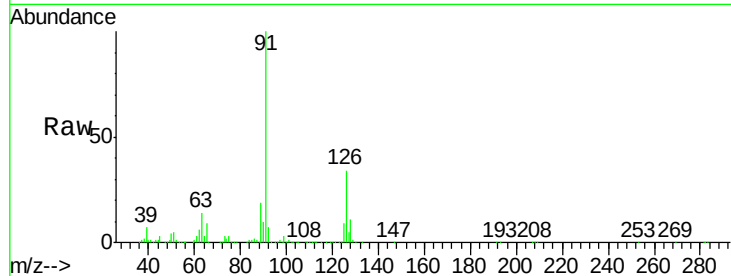
#79
2-Chlorotoluene
Concen: 46.691 ug/l
RT: 11.41 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 565336
Ion Ratio Lower Upper
91 100
126 33.2 16.9 50.6

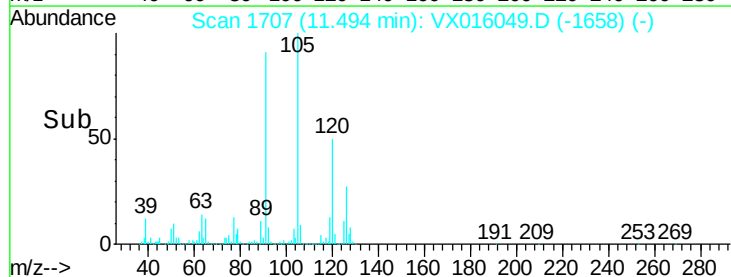
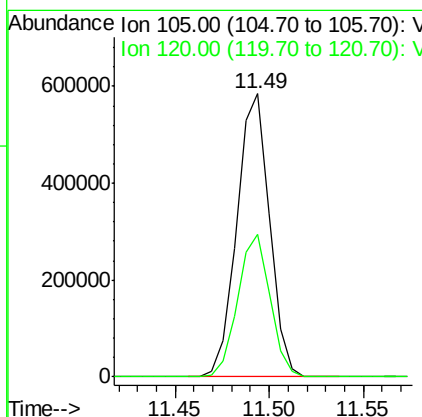
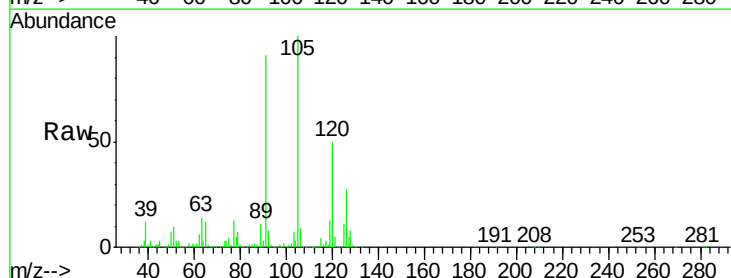
Manual Integrations
APPROVED

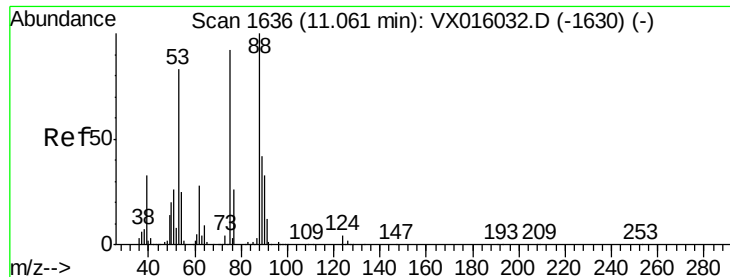
MMDadoda
5/5/2020 11:35:33 AM



#80
1,3,5-Trimethylbenzene
Concen: 47.222 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion: 105 Resp: 703013
Ion Ratio Lower Upper
105 100
120 49.7 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 45.657 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

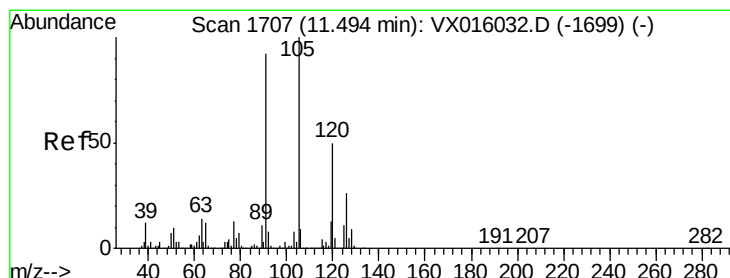
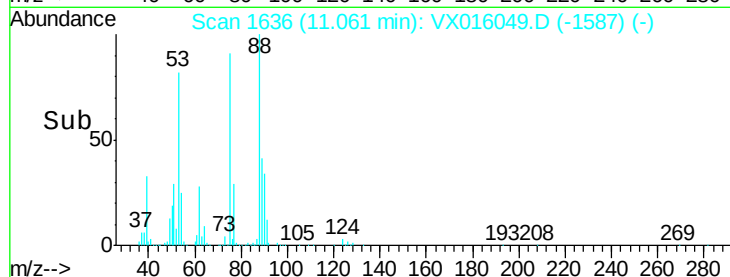
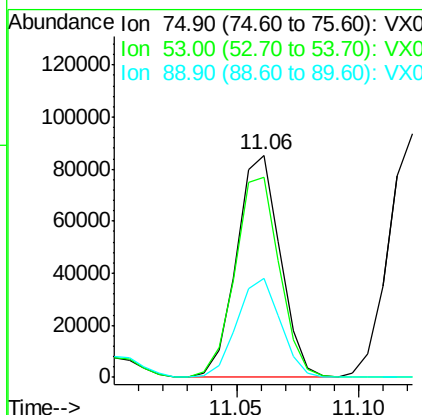
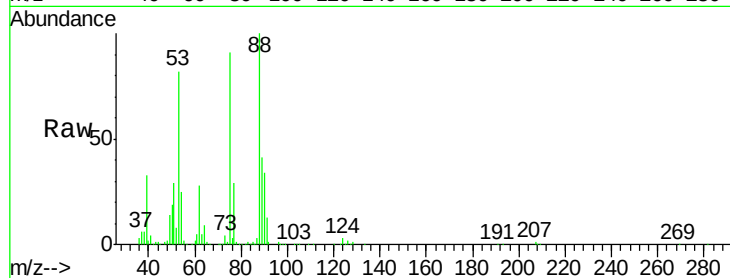
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	105394
Ion	Ratio	Lower	Upper
75	100		
53	92.0	73.1	109.7
89	44.8	36.7	55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 46.446 ug/l

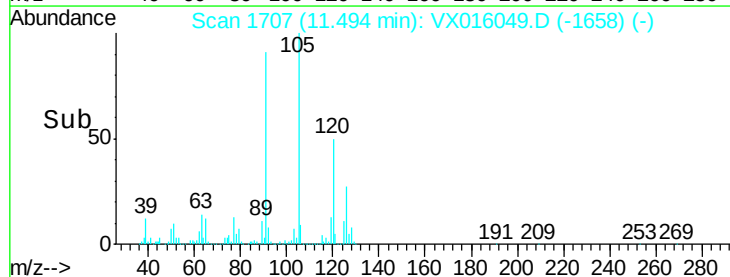
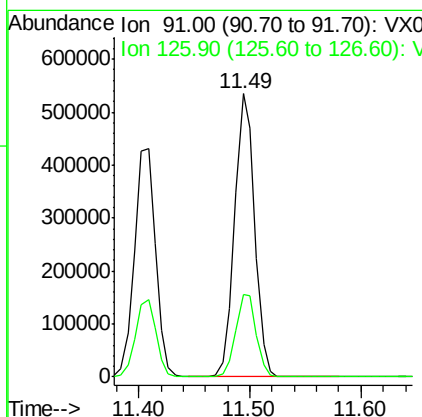
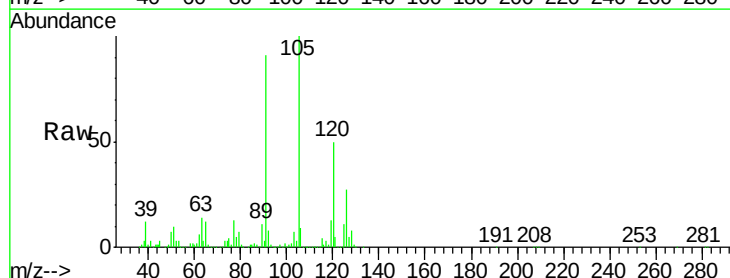
RT: 11.49 min Scan# 1707

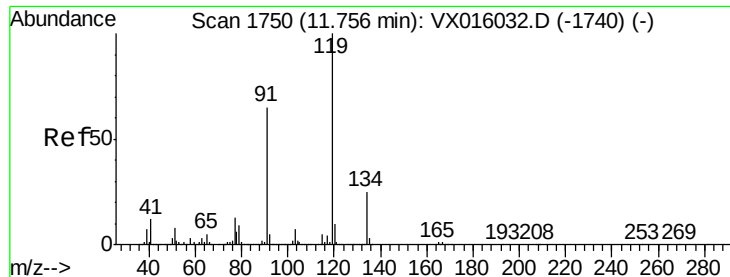
Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Tgt Ion:	91	Resp:	664084
Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.8	44.3





#83

tert-Butylbenzene

Concen: 47.282 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

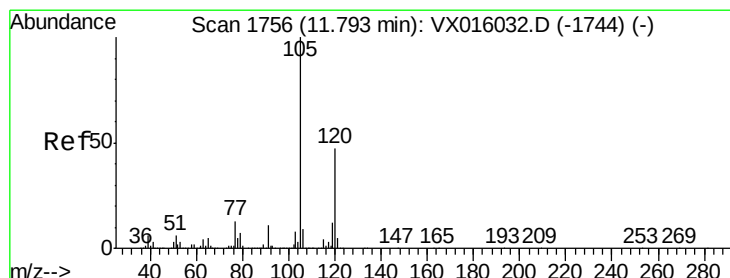
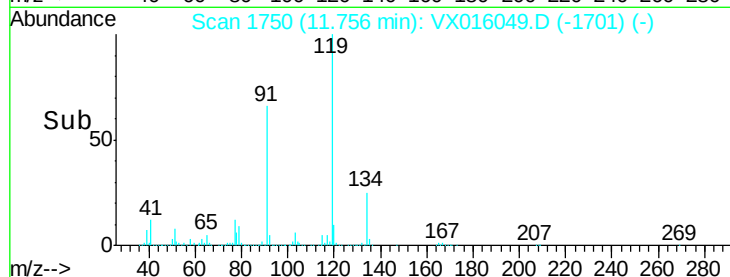
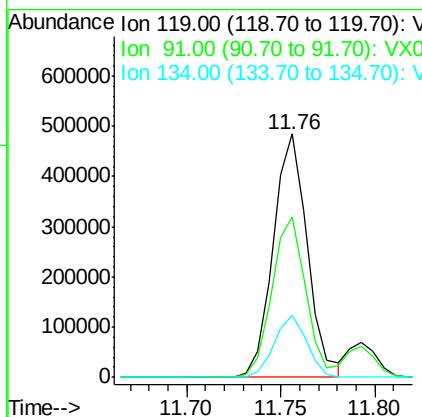
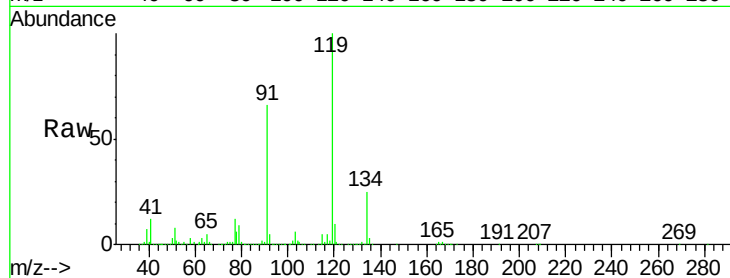
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	606629
Ion Ratio	Lower	Upper	
119	100		
91	65.0	32.8	98.4
134	24.6	12.4	37.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 47.224 ug/l

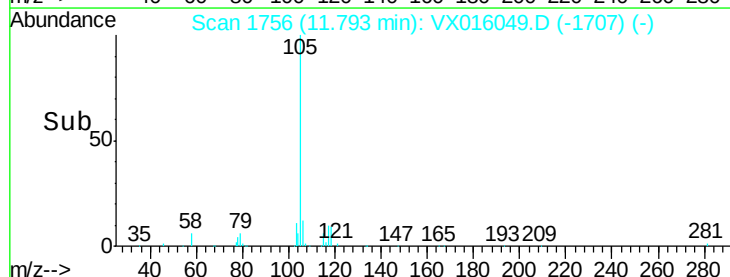
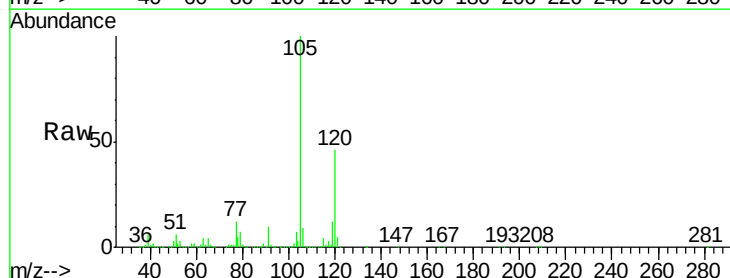
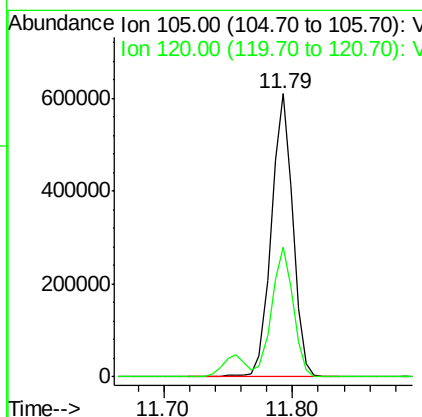
RT: 11.79 min Scan# 1756

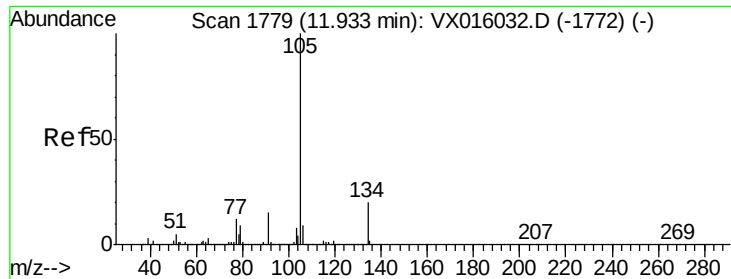
Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Tgt Ion:	105	Resp:	710771
Ion Ratio	Lower	Upper	
105	100		
120	45.6	23.0	69.0





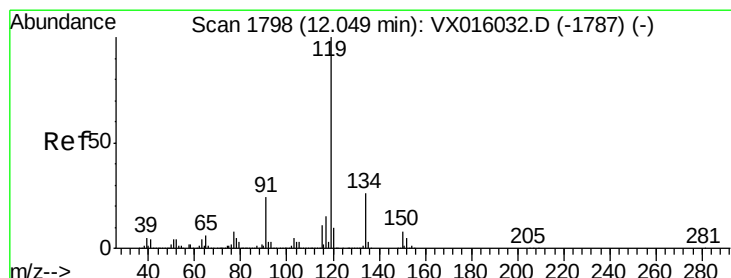
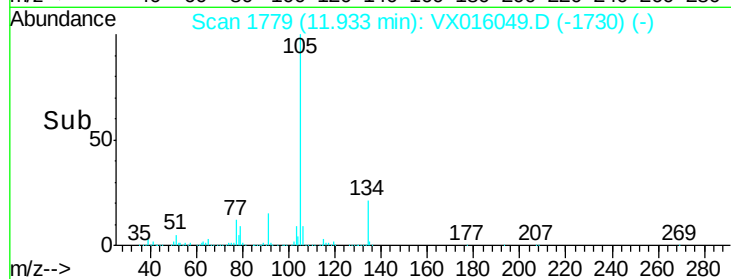
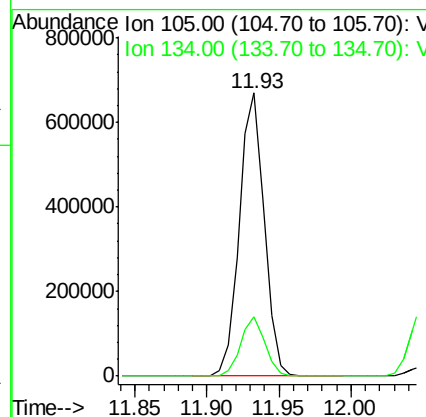
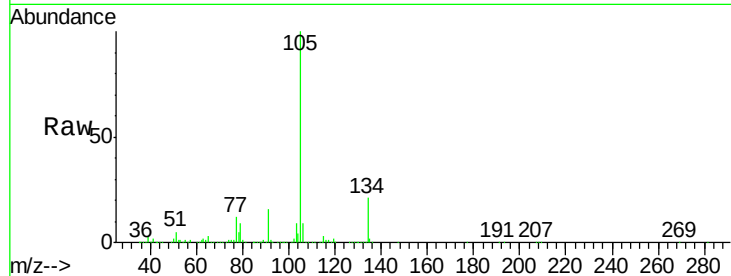
#85
 sec-Butylbenzene
 Concen: 46.453 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.1	30.3

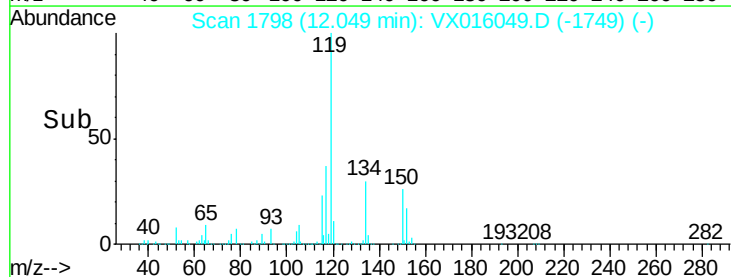
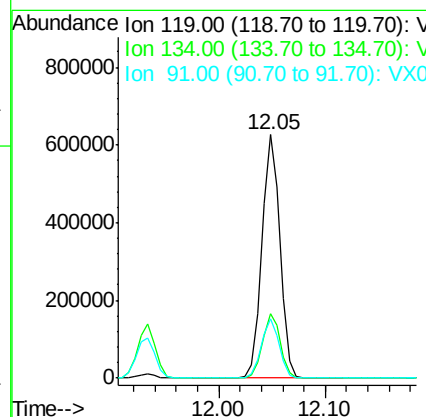
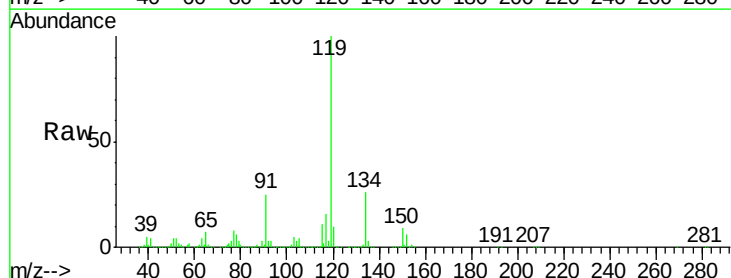
Manual Integrations
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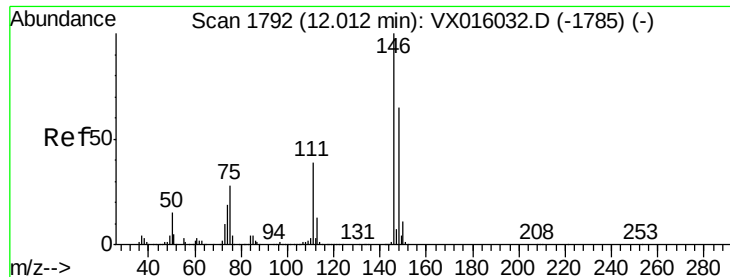
MMDadoda
 5/5/2020 11:35:33 AM



#86
 p-Isopropyltoluene
 Concen: 46.240 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.3
91	24.0	11.8	35.4





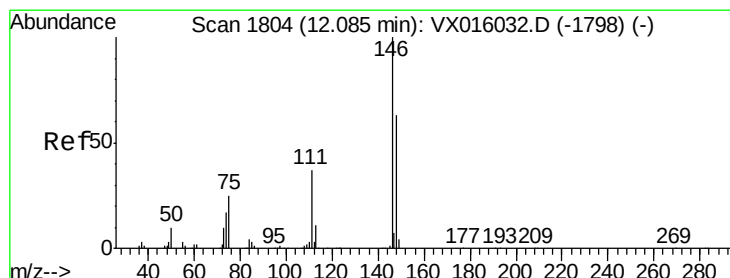
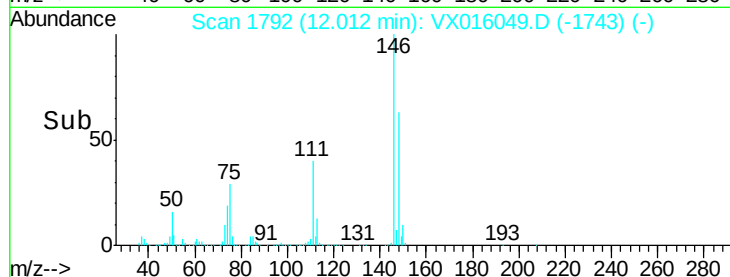
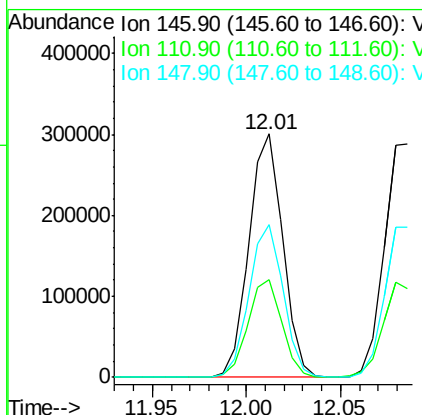
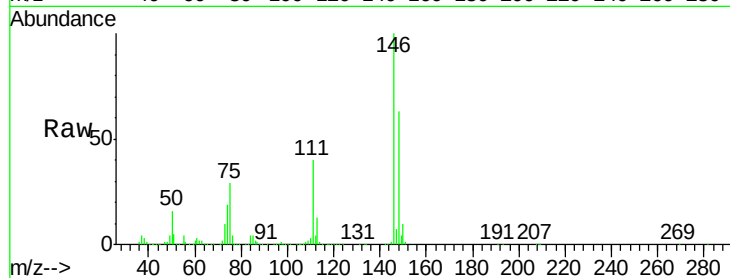
#87
 1,3-Dichlorobenzene
 Concen: 45.848 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.6
148	63.3	32.1	96.3

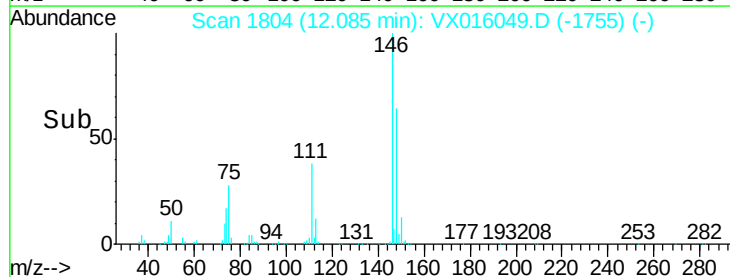
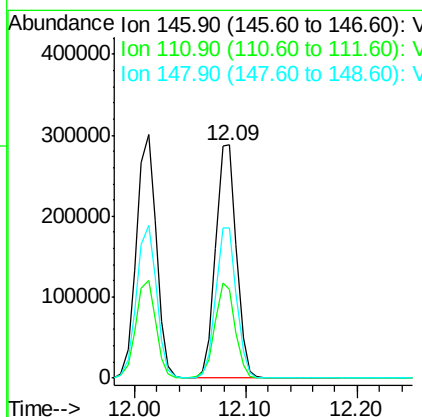
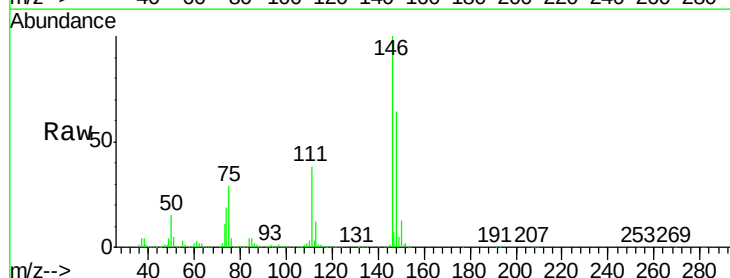
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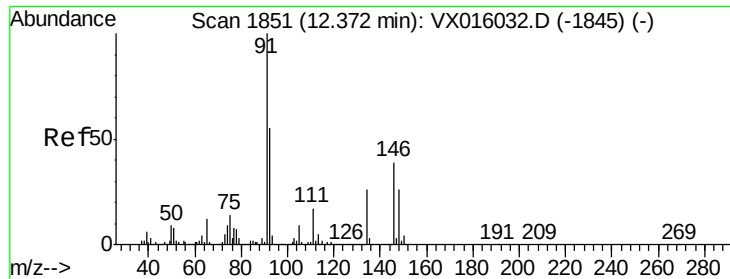
MMDadoda
 5/5/2020 11:35:33 AM



#88
 1,4-Dichlorobenzene
 Concen: 44.870 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.7
148	64.1	31.8	95.3





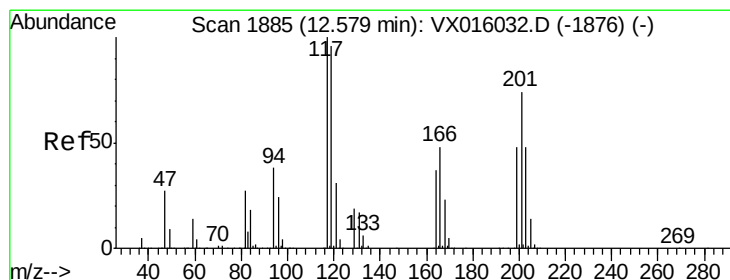
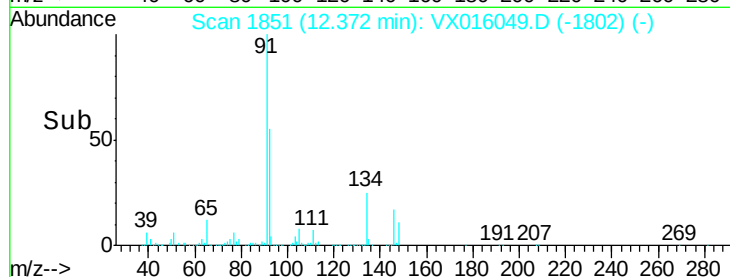
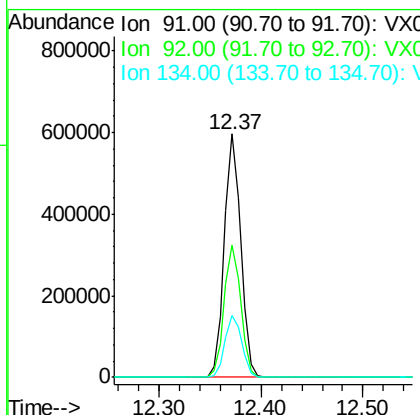
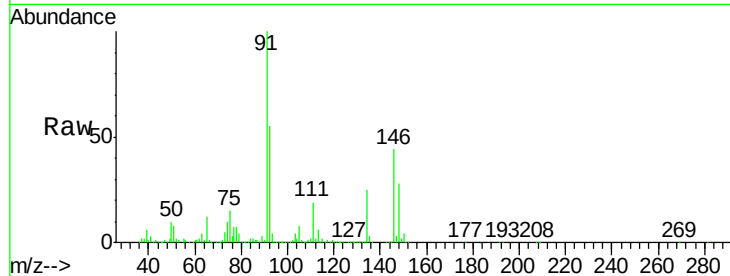
#89
n-Butylbenzene
Concen: 45.640 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.7
134	26.3	13.4	40.1

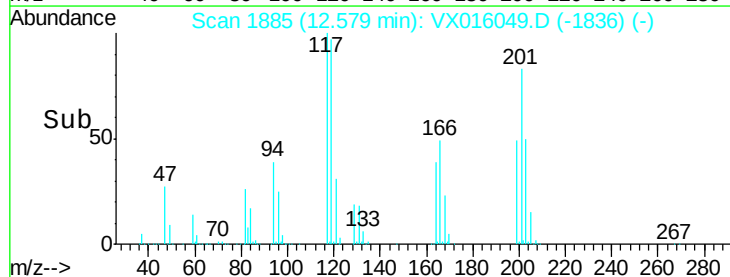
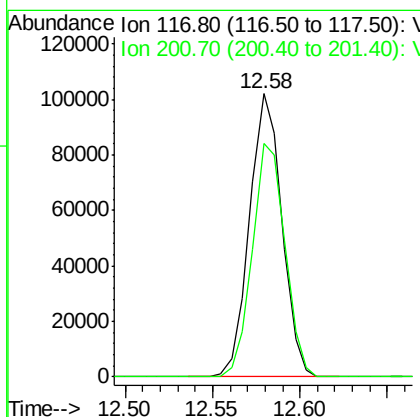
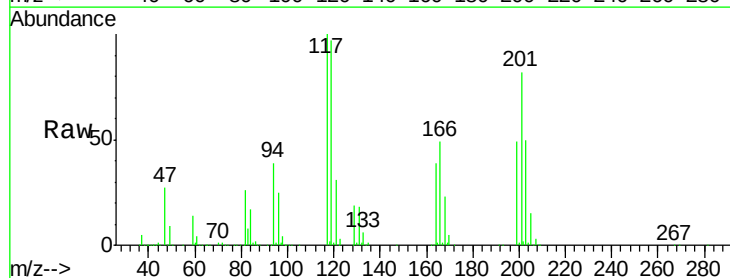
Manual Integrations
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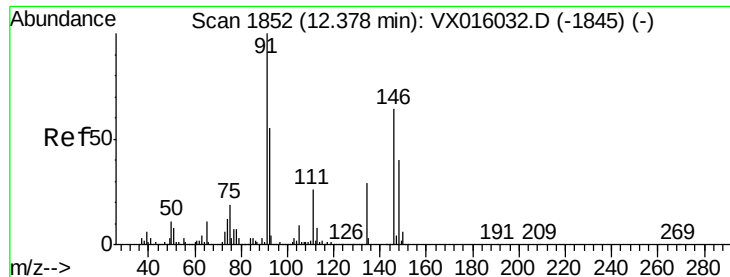
MMDadoda
5/5/2020 11:35:33 AM



#90
Hexachloroethane
Concen: 47.518 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.3	39.8	119.3





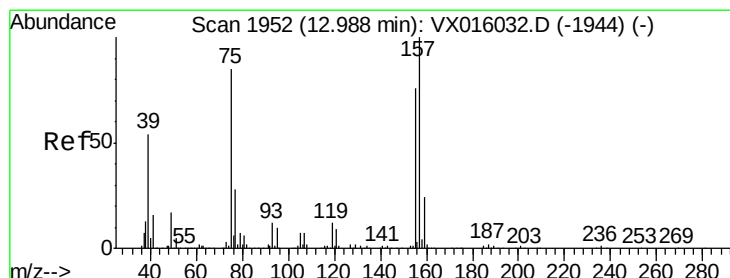
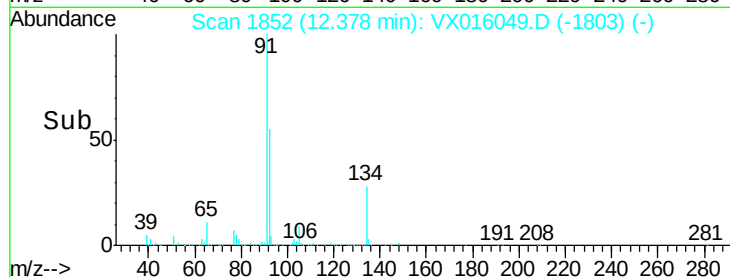
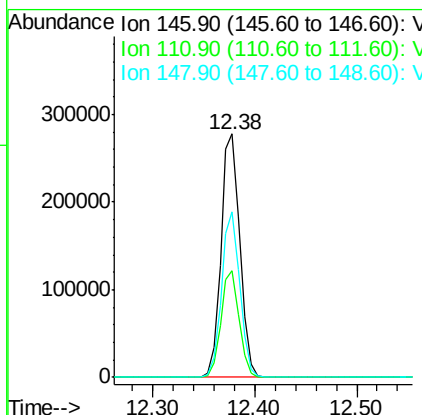
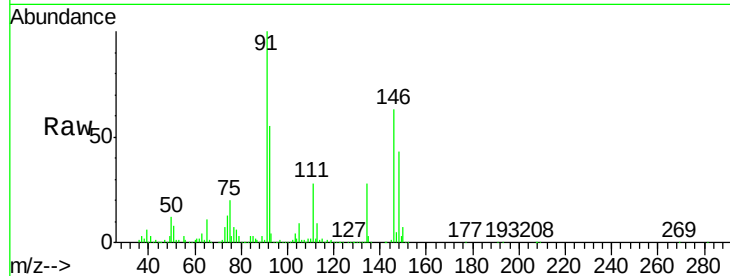
#91
 1,2-Dichlorobenzene
 Concen: 45.430 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.6	21.1	63.1	
148	65.8	32.4	97.0	

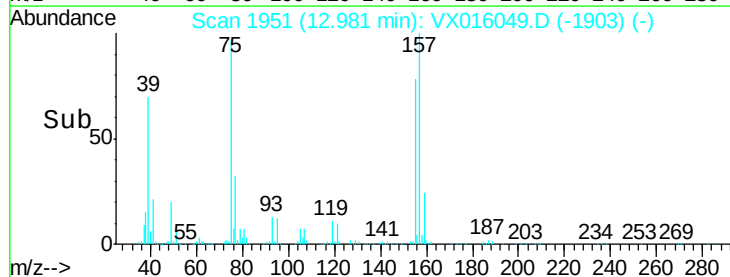
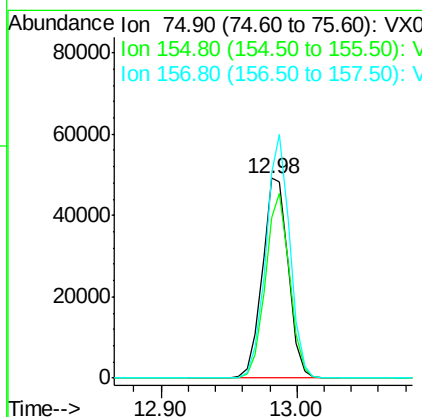
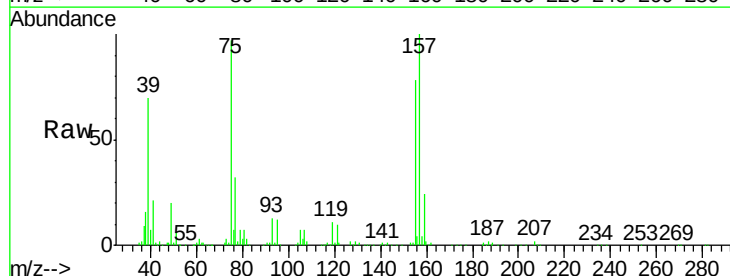
Manual Integrations
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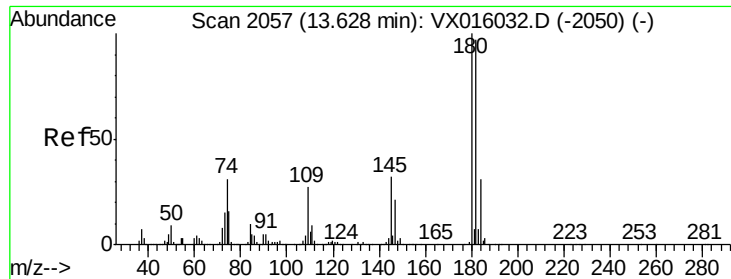
MMDadoda
 5/5/2020 11:35:33 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.279 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	86.2	42.5	127.5	
157	111.8	55.3	165.8	





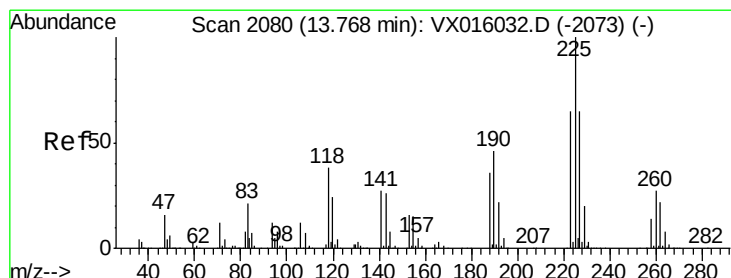
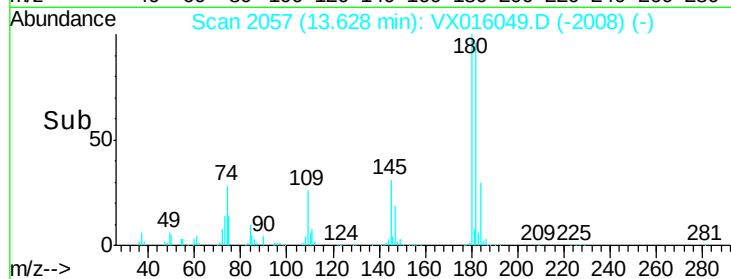
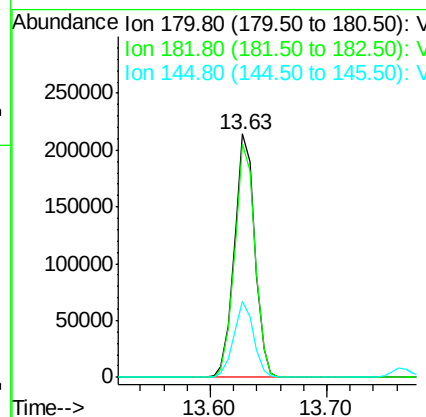
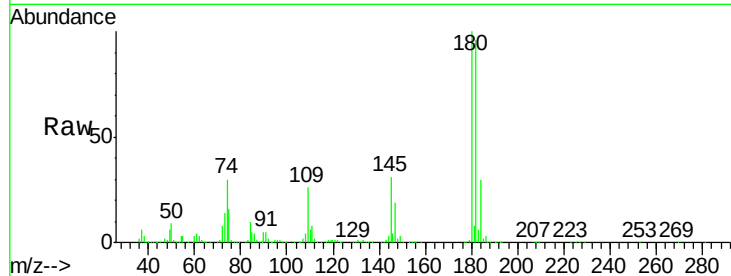
#93
 1,2,4-Trichlorobenzene
 Concen: 44.770 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	260813		
182	95.9	48.7	146.1	
145	30.4	15.7	47.1	

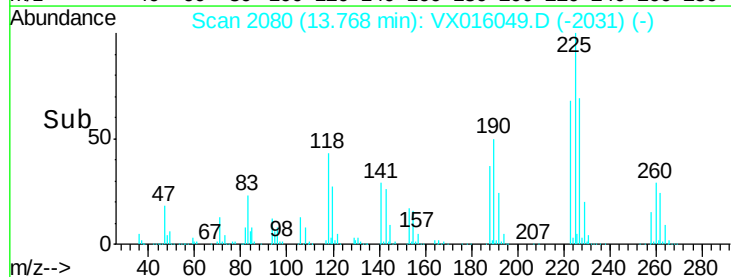
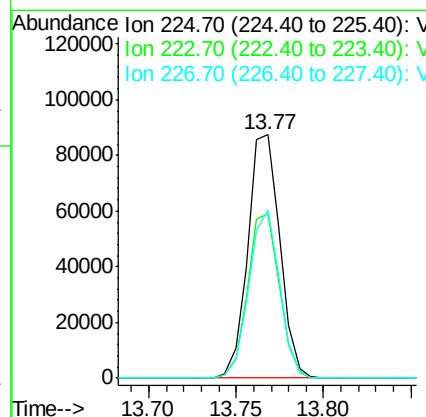
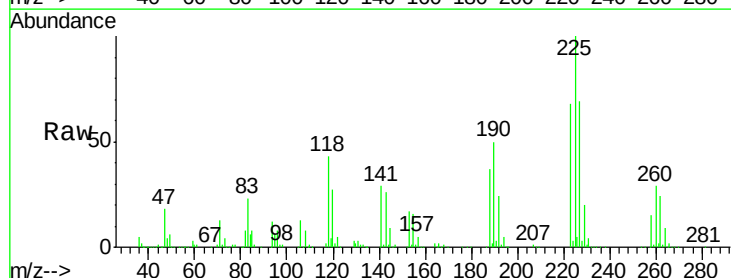
Manual Integrations
 APPROVED

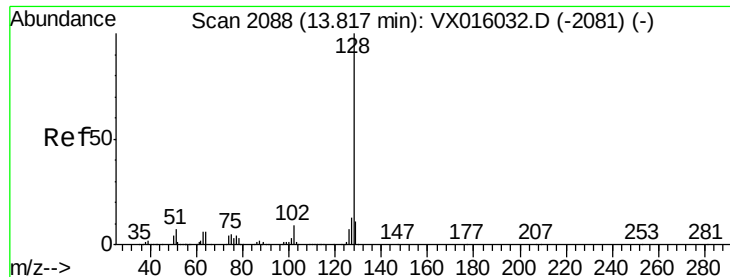
MMDadoda
 5/5/2020 11:35:33 AM



#94
 Hexachlorobutadiene
 Concen: 44.414 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	111265		
223	66.9	32.3	96.9	
227	66.1	31.8	95.4	





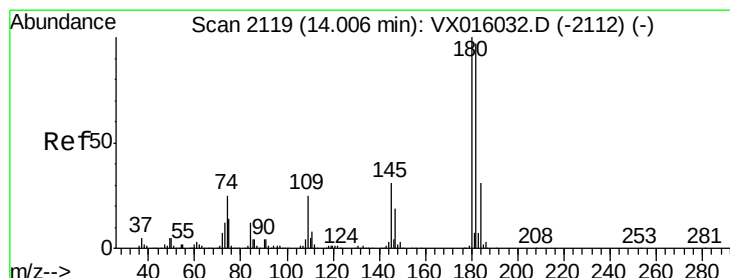
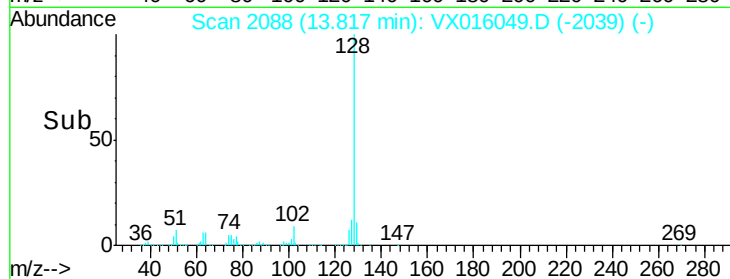
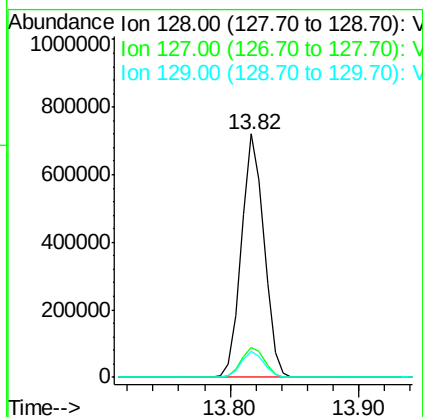
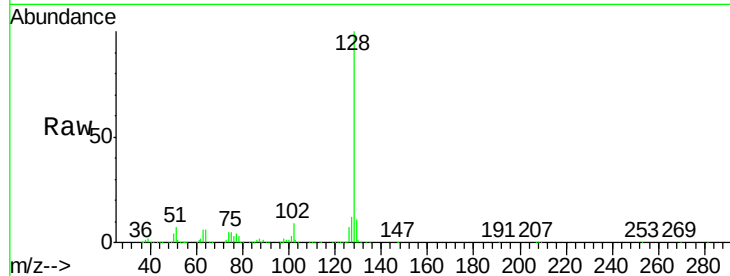
#95
Naphthalene
Concen: 46.184 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:35:33 AM



#96
1,2,3-Trichlorobenzene
Concen: 45.194 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.4	145.0
145	32.8	16.4	49.1

