

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX113020\
 Data File : VX019684.D
 Acq On : 30 Nov 2020 16:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 9:35:58 AM

Quant Time: Dec 01 03:20:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	253443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426263	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	387034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196323	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	164852	50.17	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.34%
35) Dibromofluoromethane	5.46	113	135023	50.46	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.92%
50) Toluene-d8	8.70	98	499091	48.00	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.00%
62) 4-Bromofluorobenzene	11.12	95	190968	51.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.10%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	117743	47.773	ug/l 97
3) Chloromethane	1.31	50	127969	45.248	ug/l 99
4) Vinyl Chloride	1.39	62	147710	48.517	ug/l 99
5) Bromomethane	1.62	94	45363	39.338	ug/l 100
6) Chloroethane	1.68	64	34025	45.494	ug/l 98
7) Trichlorofluoromethane	1.90	101	209812	47.748	ug/l 98
8) Diethyl Ether	2.17	74	89546	50.883	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	123994	50.579	ug/l 99
10) Methyl Iodide	2.48	142	172062	53.426	ug/l 100
11) Tert butyl alcohol	3.05	59	189713	305.055	ug/l 100
12) 1,1-Dichloroethene	2.34	96	124613	49.525	ug/l 99
13) Acrolein	2.28	56	94451	225.940	ug/l 100
14) Allyl chloride	2.70	41	203966	51.745	ug/l 98
15) Acrylonitrile	3.12	53	415873	283.553	ug/l 100
16) Acetone	2.43	43	336801	265.032	ug/l 98
17) Carbon Disulfide	2.54	76	303475	44.895	ug/l 99
18) Methyl Acetate	2.75	43	180397	57.796	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	476262	54.835	ug/l 100
20) Methylene Chloride	2.83	84	154004	48.486	ug/l 97
21) trans-1,2-Dichloroethene	3.14	96	144295	50.616	ug/l 97
22) Diisopropyl ether	3.83	45	430896	52.843	ug/l 93
23) Vinyl Acetate	3.79	43	1881940	275.149	ug/l 100
24) 1,1-Dichloroethane	3.67	63	263147	52.760	ug/l 98
25) 2-Butanone	4.64	43	534849	280.176	ug/l 100
26) 2,2-Dichloropropane	4.54	77	212024	48.702	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	172037	52.536	ug/l 99
28) Bromochloromethane	4.98	49	112126	47.021	ug/l 99
29) Tetrahydrofuran	5.09	42	339900	279.060	ug/l 100
30) Chloroform	5.17	83	271844	52.125	ug/l 98
31) Cyclohexane	5.54	56	210845	49.332	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	234225	52.283	ug/l 100
36) 1,1-Dichloropropene	5.76	75	192534	48.179	ug/l 99
37) Ethyl Acetate	4.80	43	205699	54.829	ug/l 100
38) Carbon Tetrachloride	5.75	117	195721	50.599	ug/l 97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	220017	47.285	ug/l	98
40) Benzene	6.11	78	608423	49.552	ug/l	100
41) Methacrylonitrile	5.01	41	111221	53.761	ug/l	99
42) 1,2-Dichloroethane	6.16	62	213236	50.668	ug/l	100
43) Isopropyl Acetate	6.42	43	332932	52.792	ug/l	100
44) Trichloroethene	7.18	130	154418	48.013	ug/l	94
45) 1,2-Dichloropropane	7.49	63	154776	51.204	ug/l	99
46) Dibromomethane	7.63	93	105567	51.028	ug/l	99
47) Bromodichloromethane	7.88	83	208367	51.904	ug/l	97
48) Methyl methacrylate	7.75	41	162493	55.017	ug/l	99
49) 1,4-Dioxane	7.72	88	83158	1240.051	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1041261	283.143	ug/l	100
52) Toluene	8.76	92	372914	49.647	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	226278	52.191	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	248168	51.579	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	155652	50.882	ug/l	98
56) Ethyl methacrylate	9.16	69	242142	55.940	ug/l	99
57) 1,3-Dichloropropane	9.35	76	263962	51.539	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	629713	248.272	ug/l	99
59) 2-Hexanone	9.48	43	795514	285.222	ug/l	99
60) Dibromochloromethane	9.57	129	160023	53.406	ug/l	99
61) 1,2-Dibromoethane	9.65	107	162275	51.463	ug/l	99
64) Tetrachloroethene	9.32	164	126424	41.556	ug/l	96
65) Chlorobenzene	10.12	112	390860	49.118	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	147293	50.888	ug/l	99
67) Ethyl Benzene	10.24	91	701512	50.323	ug/l	98
68) m/p-Xylenes	10.34	106	532001	102.433	ug/l	98
69) o-Xylene	10.68	106	261341	52.639	ug/l	98
70) Styrene	10.70	104	444817	48.454	ug/l	100
71) Bromoform	10.84	173	118143	48.314	ug/l #	99
73) Isopropylbenzene	11.00	105	691778	50.936	ug/l	99
74) N-amyl acetate	10.88	43	287636	56.520	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	257071	52.931	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	224946m	52.503	ug/l	
77) Bromobenzene	11.24	156	176271	50.842	ug/l	97
78) n-propylbenzene	11.34	91	776620	49.847	ug/l	100
79) 2-Chlorotoluene	11.40	91	474029	50.168	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	589088	51.706	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	80013	50.403	ug/l	100
82) 4-Chlorotoluene	11.49	91	563964	50.702	ug/l	100
83) tert-Butylbenzene	11.76	119	569948	51.709	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	596482	51.744	ug/l	99
85) sec-Butylbenzene	11.93	105	663431	50.595	ug/l	99
86) p-Isopropyltoluene	12.05	119	600693	50.456	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	317839	49.918	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	321805	49.066	ug/l	99
89) n-Butylbenzene	12.37	91	522002	48.500	ug/l	99
90) Hexachloroethane	12.58	117	102649	51.527	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	316635	49.513	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56387	56.909	ug/l	98

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VSTDCCC050EC

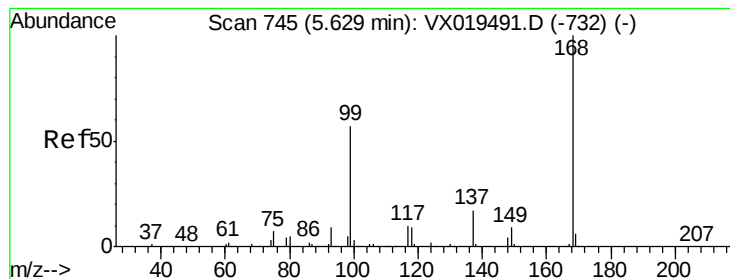
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	205802	50.126	ug/l	96
94) Hexachlorobutadiene	13.77	225	82781	44.260	ug/l	96
95) Naphthalene	13.82	128	718293	49.620	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	201572	49.083	ug/l	98

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



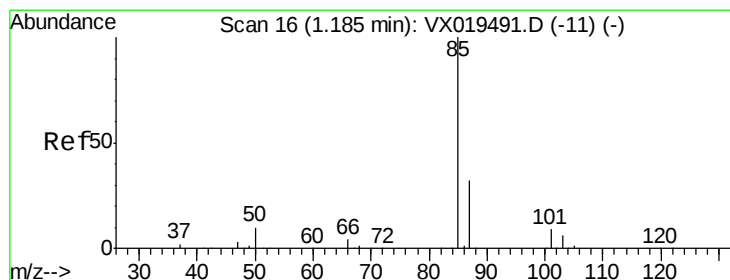
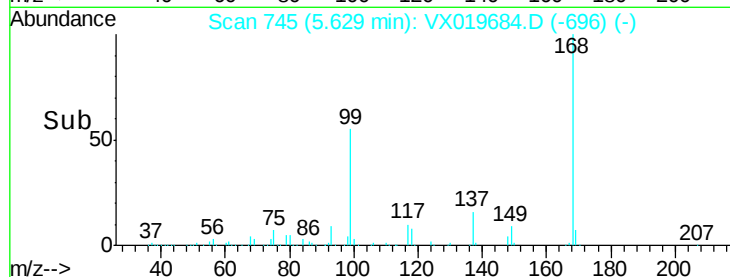
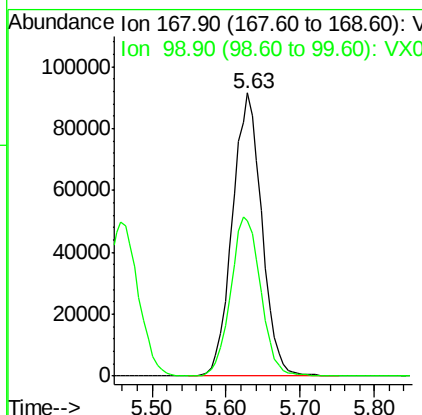
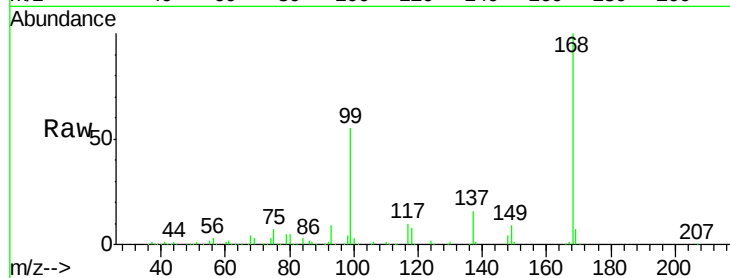
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	54.9	45.8	68.6

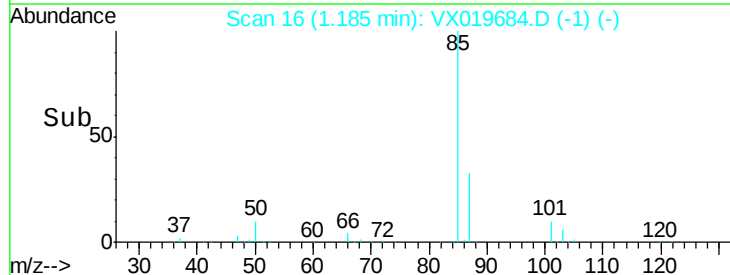
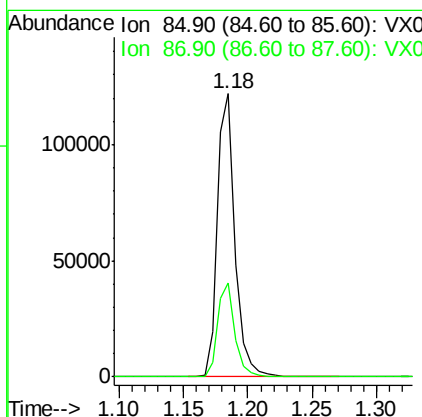
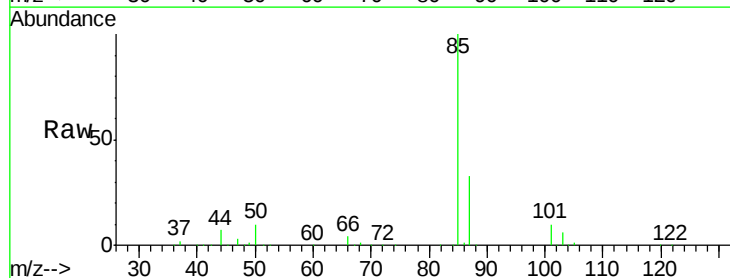
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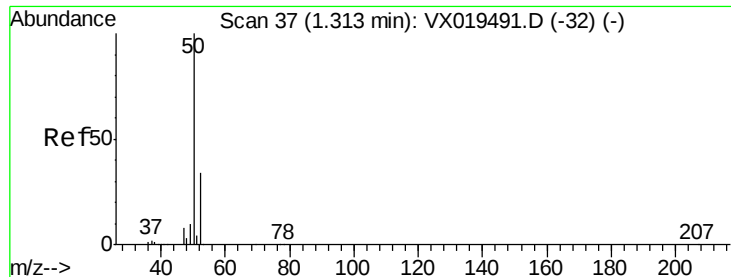
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#2
Dichlorodifluoromethane
Concen: 47.773 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.4	16.0	47.9





#3

Chloromethane

Concen: 45.248 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 127969

Ion Ratio Lower Upper

50 100

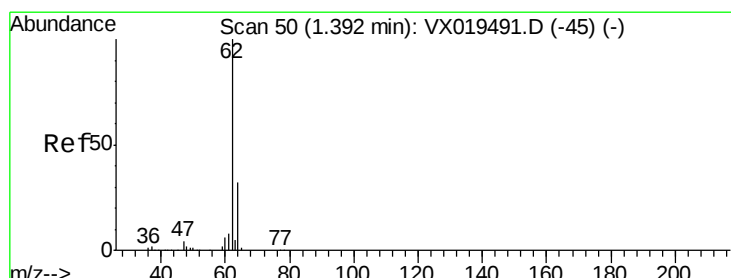
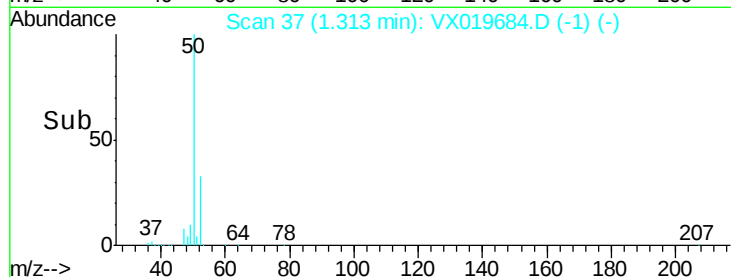
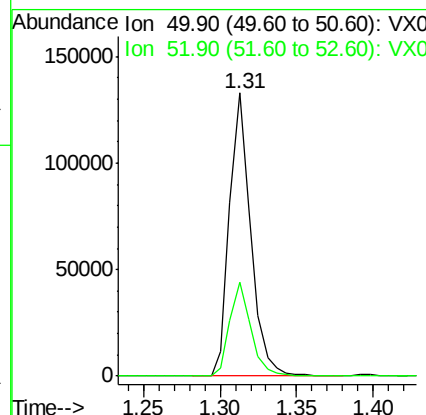
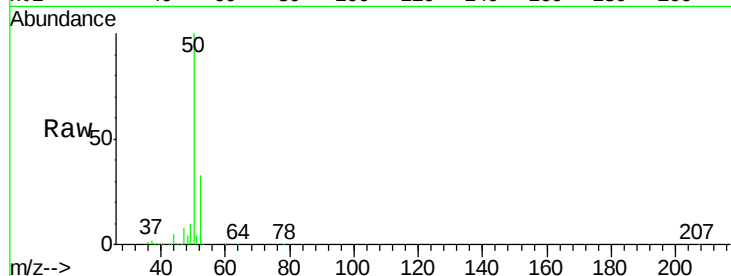
52 33.3 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.517 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019684.D

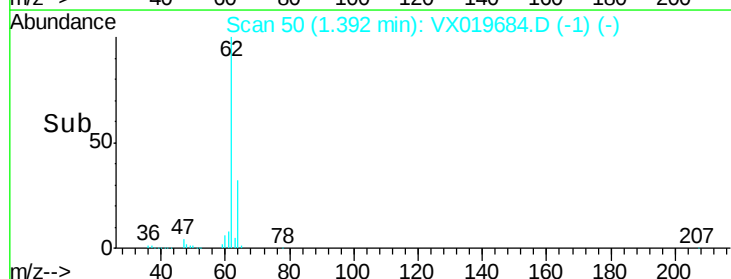
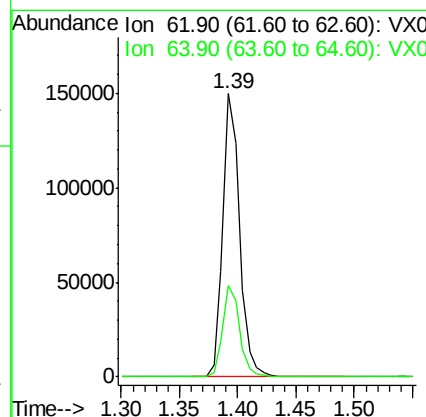
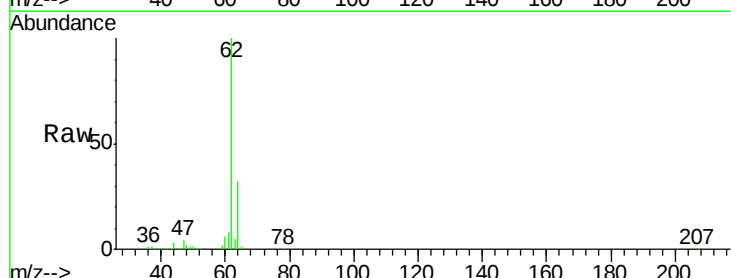
Acq: 30 Nov 2020 16:44

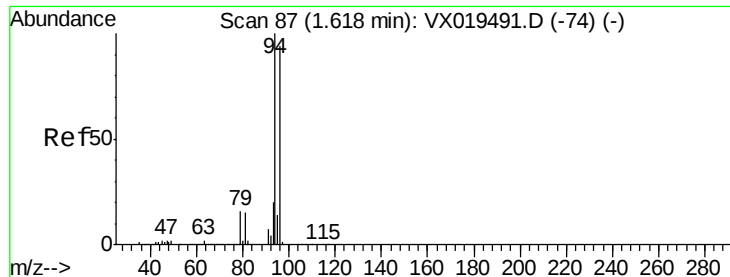
Tgt Ion: 62 Resp: 147710

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 39.338 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 45363

Ion Ratio Lower Upper

94 100

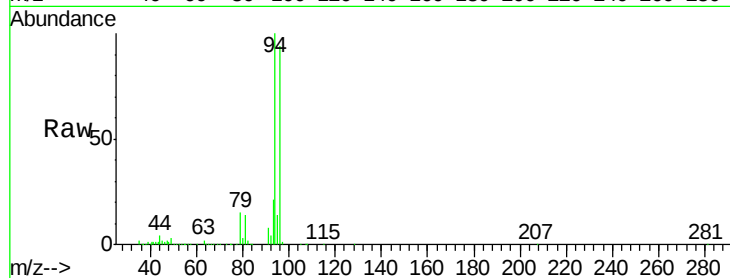
96 94.4 75.6 113.4

Manual Integrations

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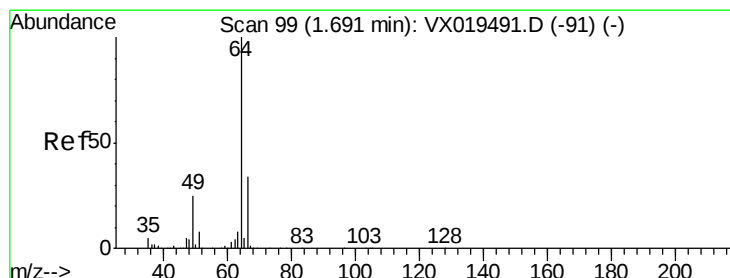
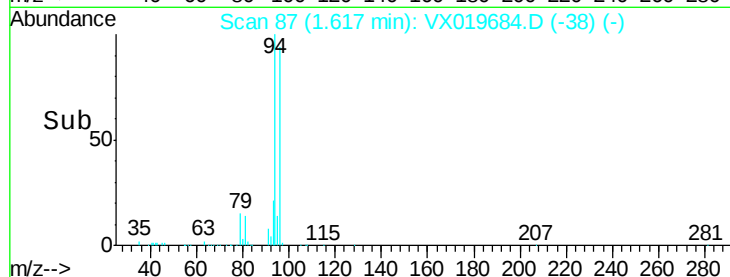
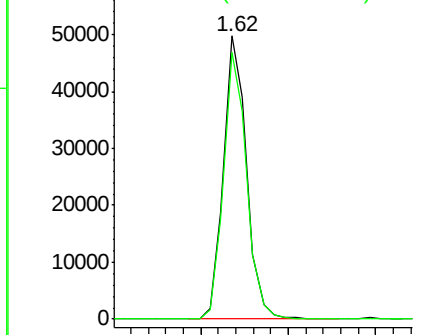
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.494 ug/l

RT: 1.68 min Scan# 98

Delta R.T. -0.01 min

Lab File: VX019684.D

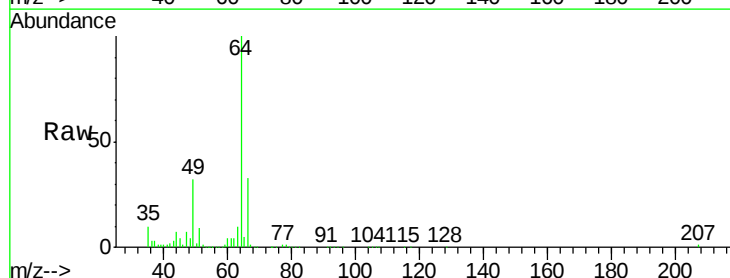
Acq: 30 Nov 2020 16:44

Tgt Ion: 64 Resp: 34025

Ion Ratio Lower Upper

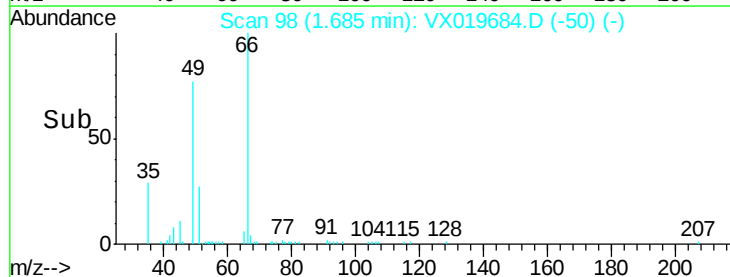
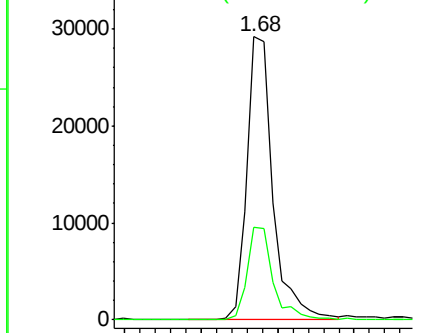
64 100

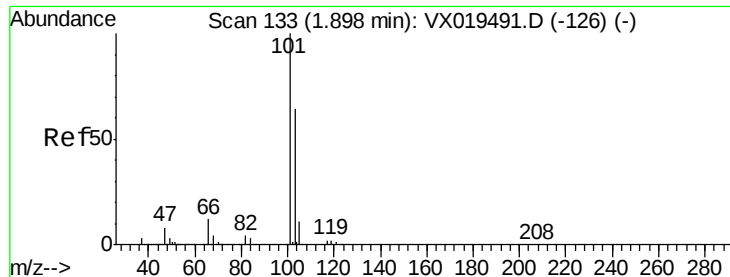
66 32.8 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

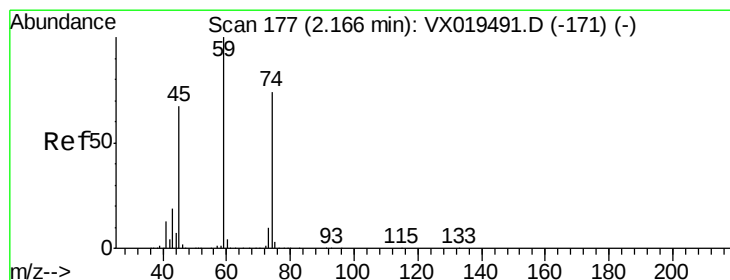
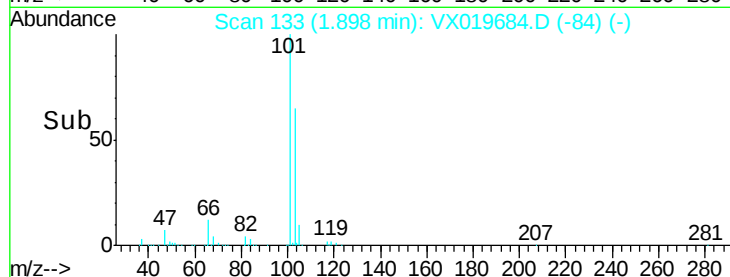
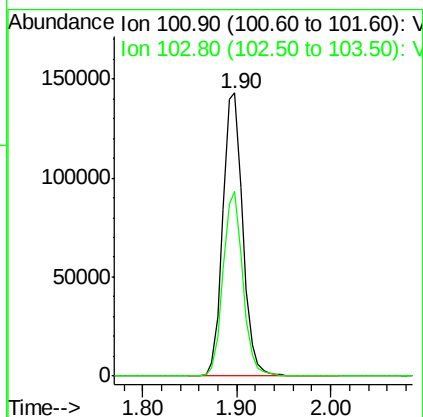
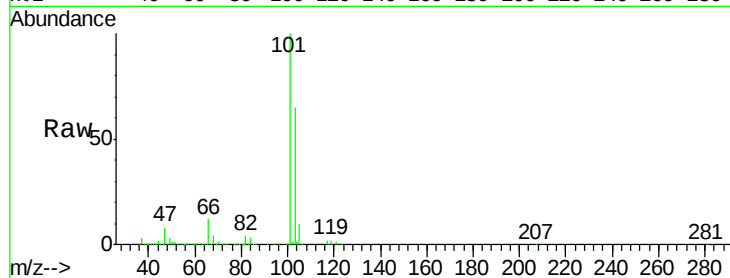
Trichlorofluoromethane
Concen: 47.748 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	50.9	76.3

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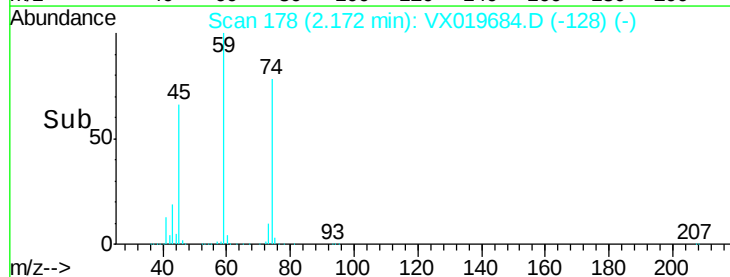
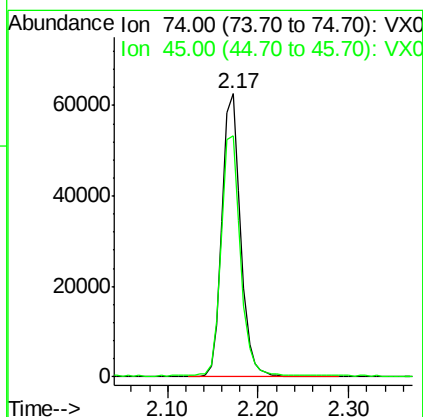
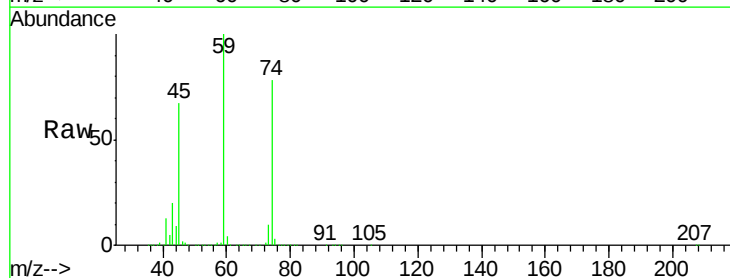
MMDadoda
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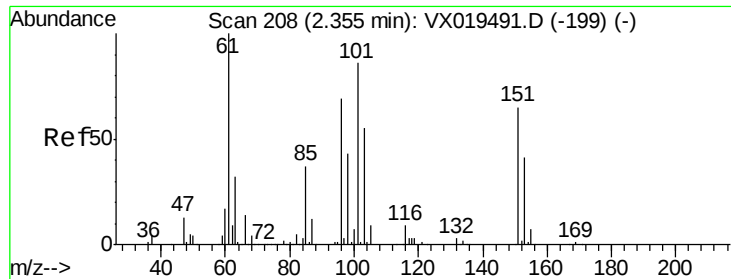


#8

Diethyl Ether
Concen: 50.883 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.4	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.579 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

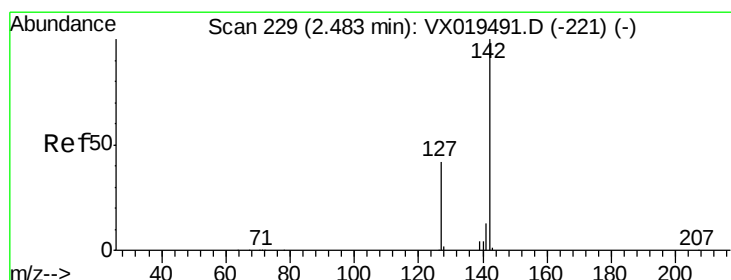
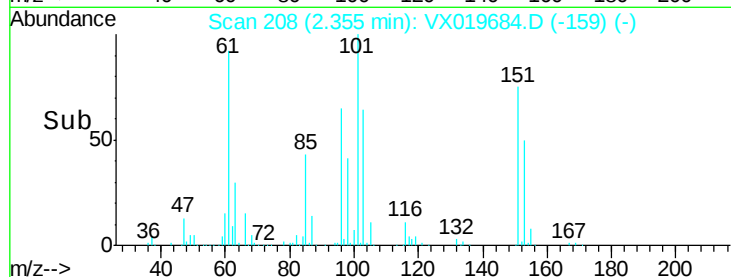
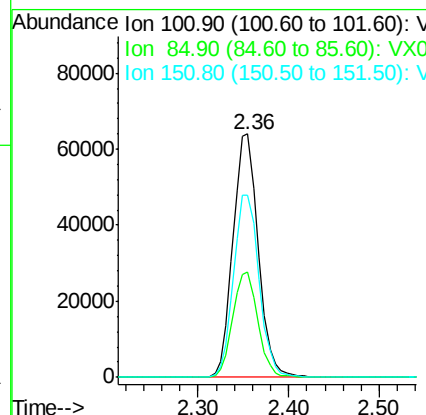
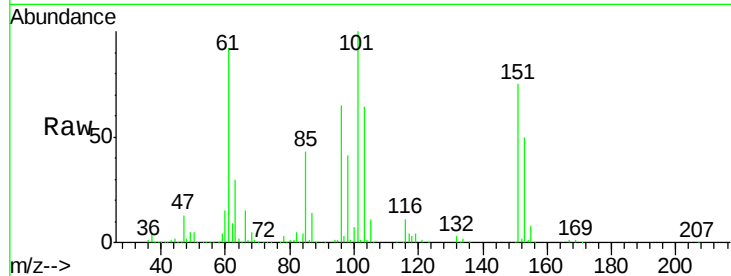
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	123994
Ion Ratio	Lower	Upper	
101	100		
85	43.3	33.9	50.9
151	76.0	60.9	91.3

Manual Integrations
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#10

Methyl Iodide

Concen: 53.426 ug/l

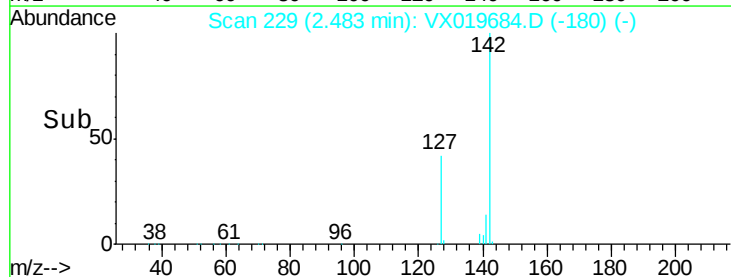
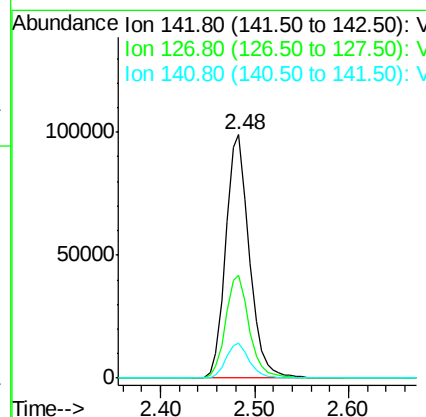
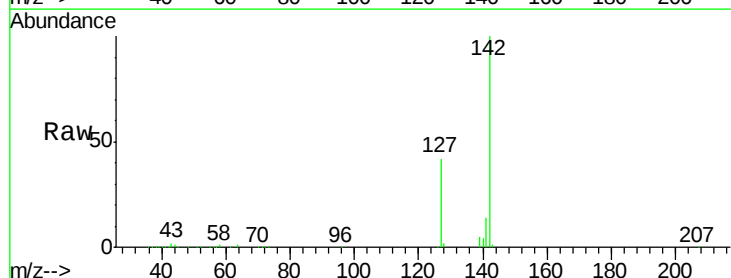
RT: 2.48 min Scan# 229

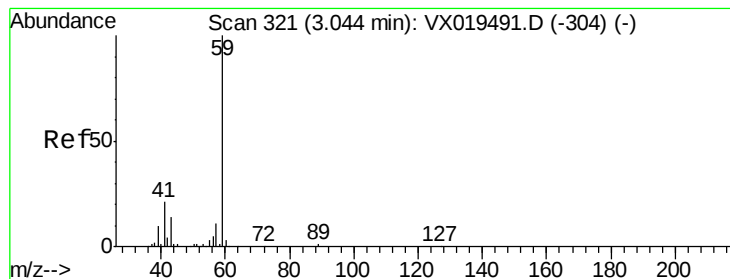
Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Tgt Ion:	142	Resp:	172062
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.8	50.6
141	14.1	11.0	16.6





#11

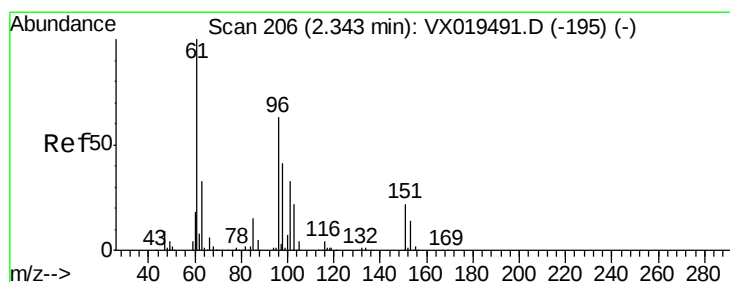
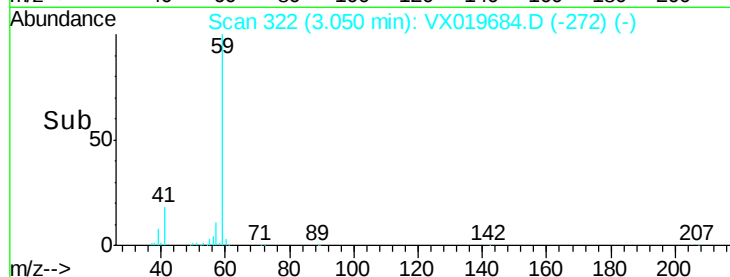
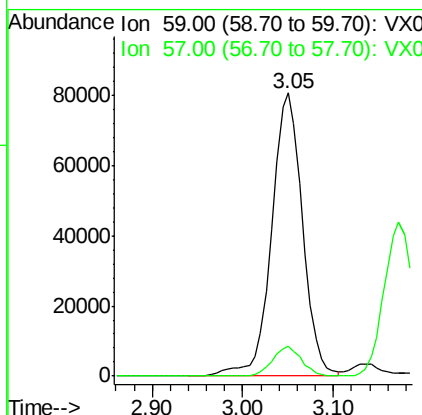
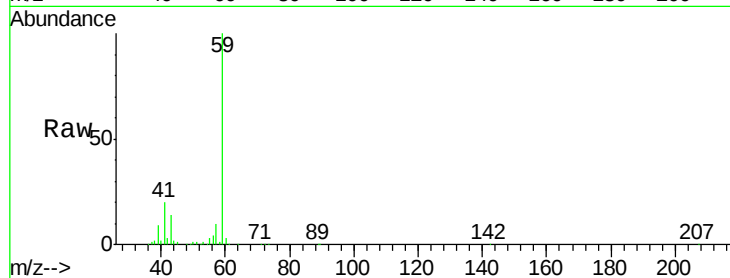
Tert butyl alcohol
Concen: 305.055 ug/l
RT: 3.05 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	189713		
57	57	9.9		7.9	11.9

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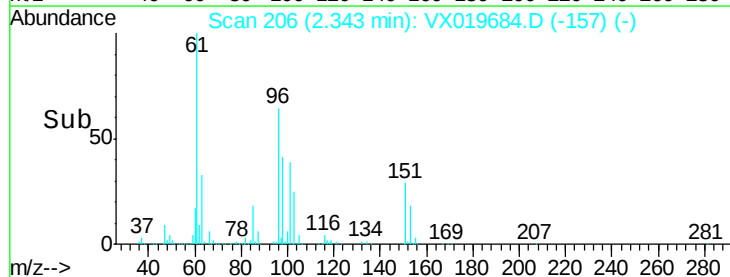
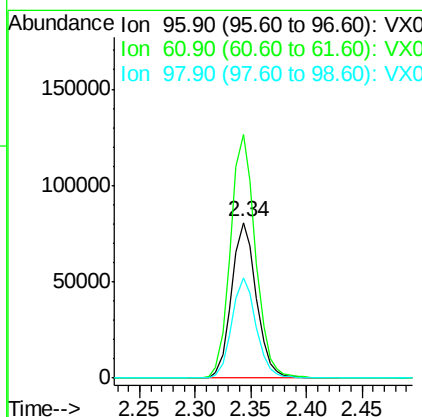
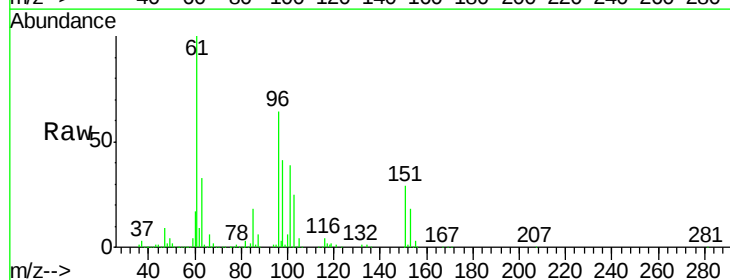
MMDadoda
12/1/2020 9:35:58 AM

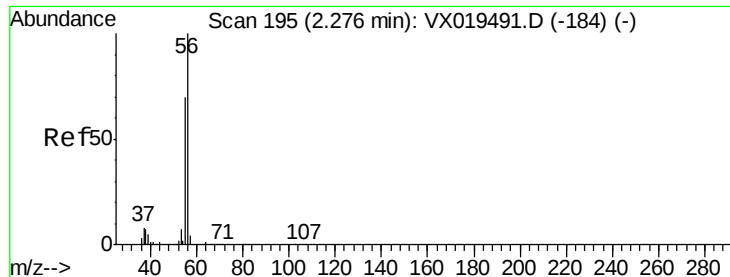


#12

1,1-Dichloroethene
Concen: 49.525 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	124613		
61	61	156.7		126.0	189.0
98	98	64.5		52.0	78.0





#13

Acrolein

Concen: 225.940 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 94451

Ion Ratio Lower Upper

56 100

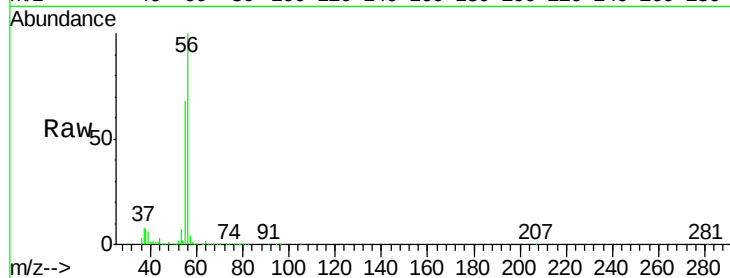
55 69.5 55.5 83.3

Manual Integrations

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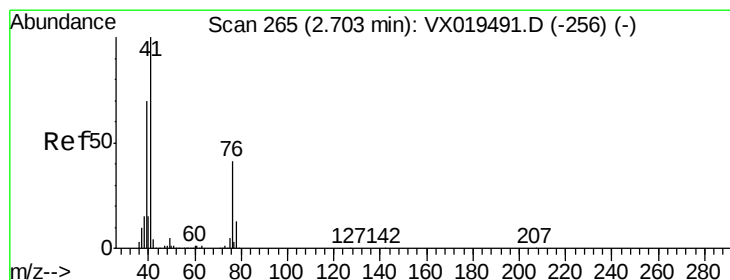
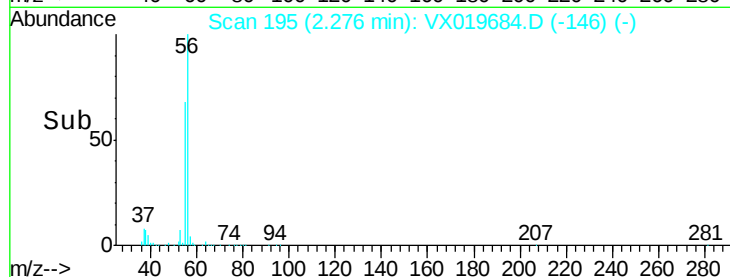
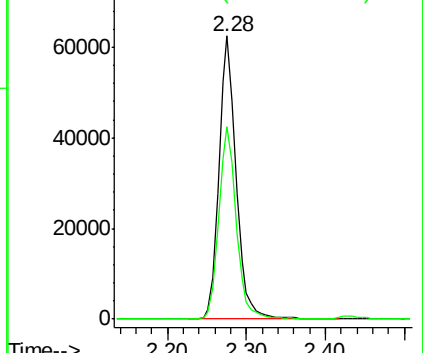
MMDadoda

12/1/2020 9:35:58 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.745 ug/l

RT: 2.70 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

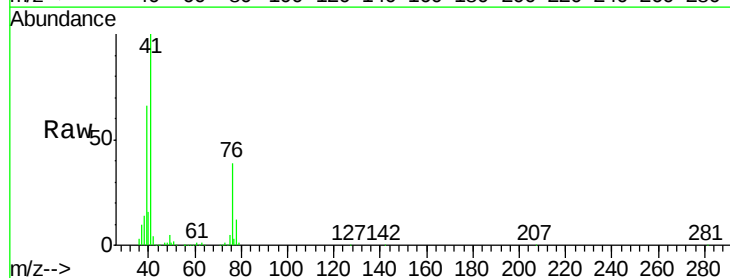
Tgt Ion: 41 Resp: 203966

Ion Ratio Lower Upper

41 100

39 64.3 53.0 79.4

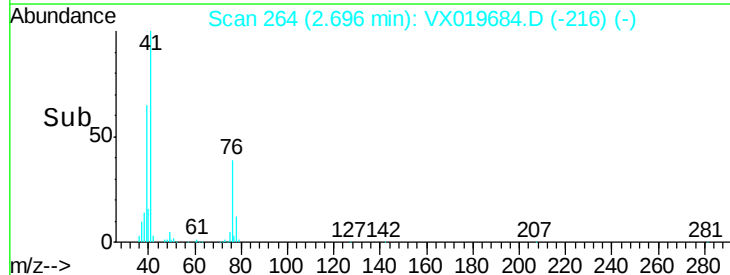
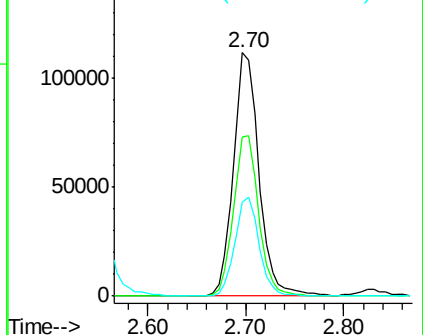
76 38.9 31.0 46.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 283.553 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

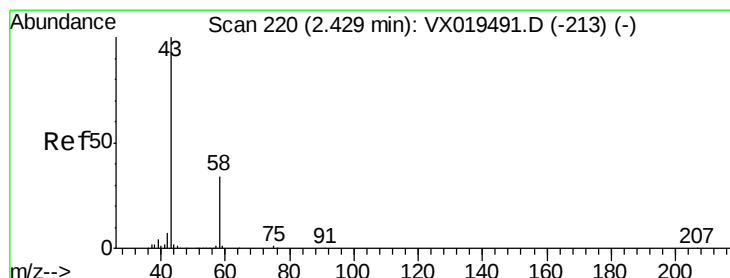
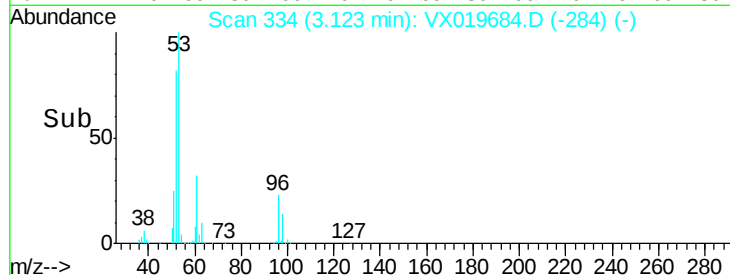
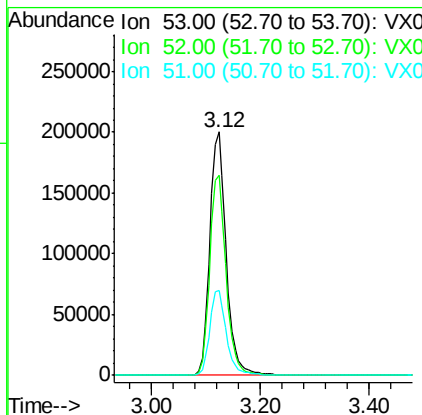
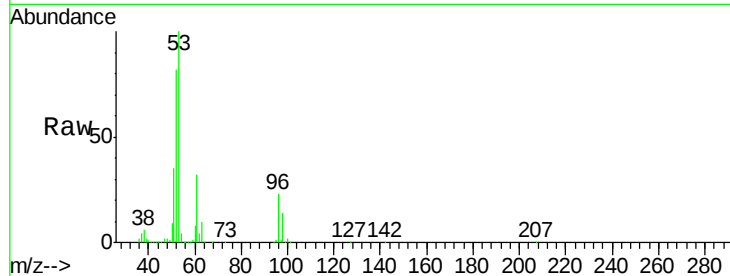
ClientSampleID :

VSTDCCC050EC

Tot Ion:	53	Resp:	415873
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.2	99.2
51	35.6	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 265.032 ug/l

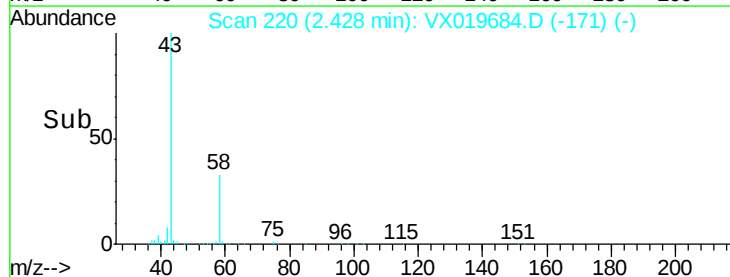
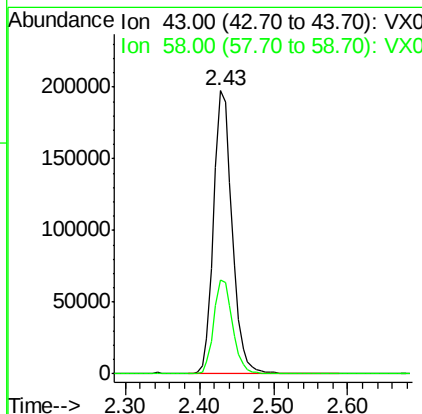
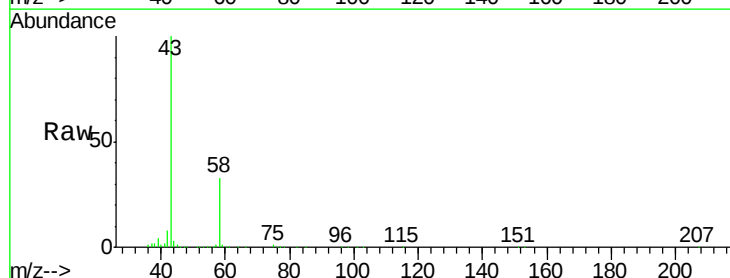
RT: 2.43 min Scan# 220

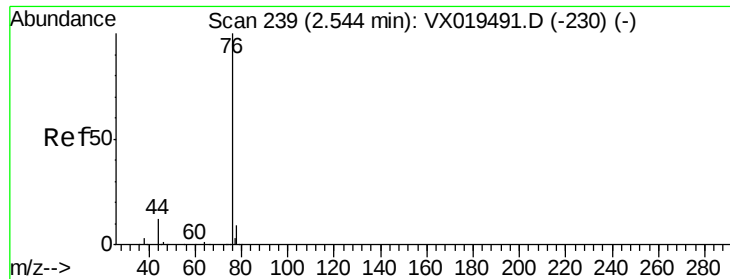
Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Tgt Ion:	43	Resp:	336801
Ion	Ratio	Lower	Upper
43	100		
58	33.4	27.4	41.2





#17

Carbon Disulfide

Concen: 44.895 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 303475

Ion Ratio Lower Upper

76 100

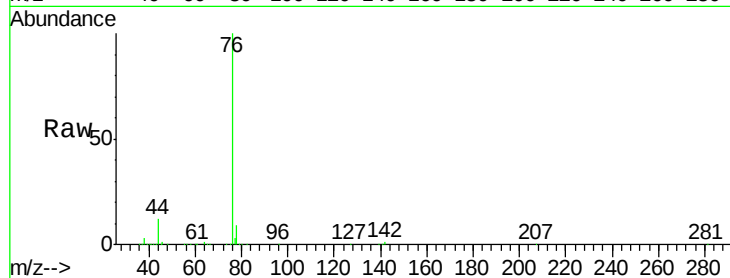
78 9.4 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

200000

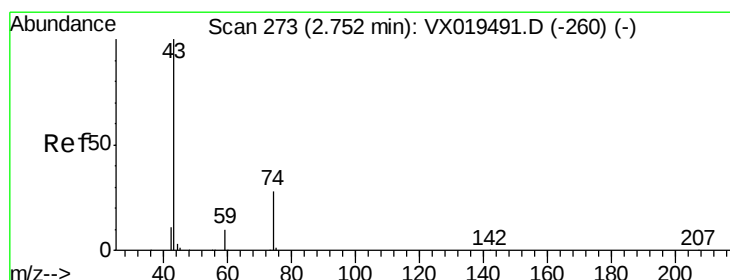
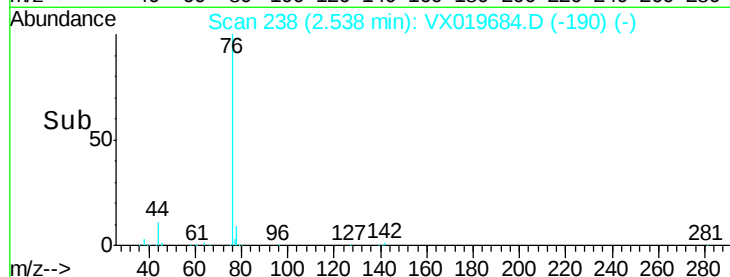
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 57.796 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019684.D

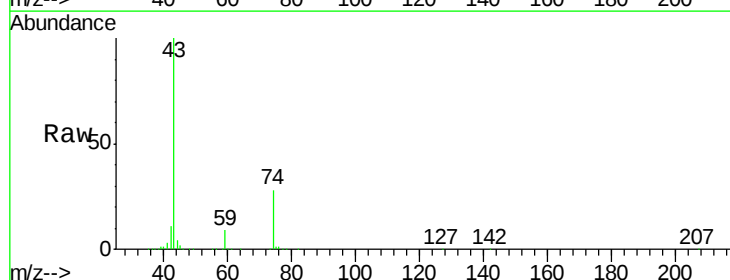
Acq: 30 Nov 2020 16:44

Tgt Ion: 43 Resp: 180397

Ion Ratio Lower Upper

43 100

74 27.3 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

120000

100000

80000

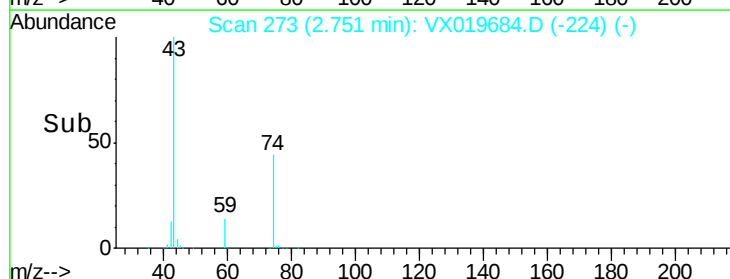
60000

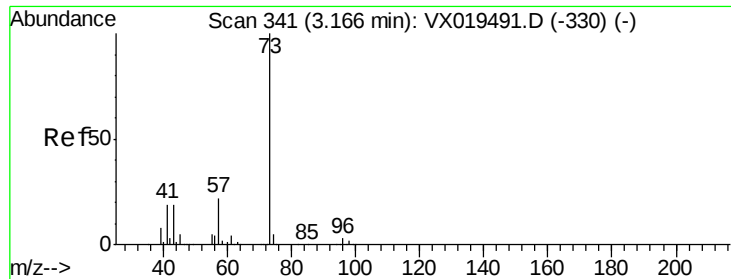
40000

20000

0

Time-->





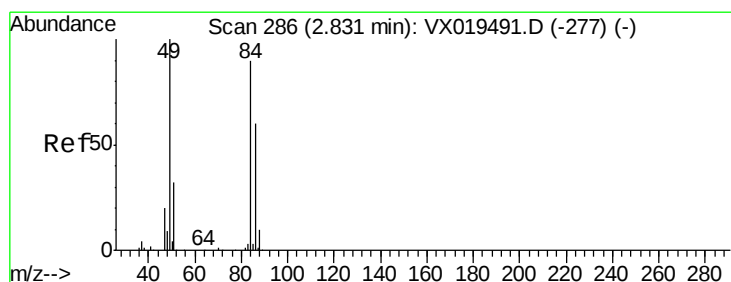
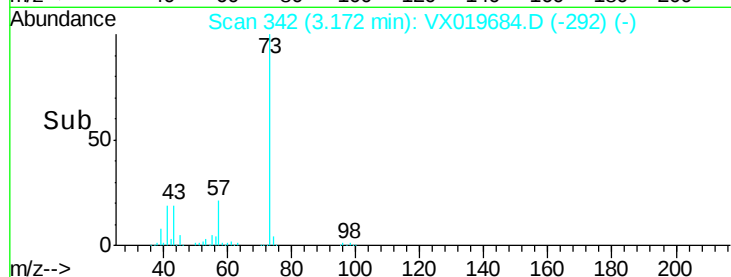
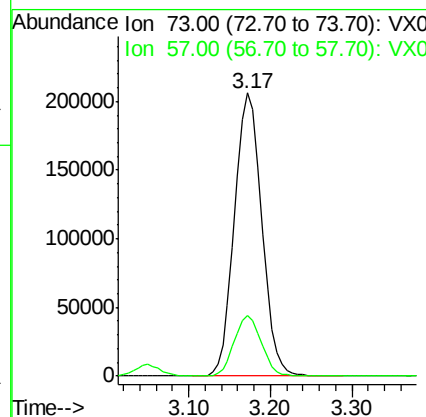
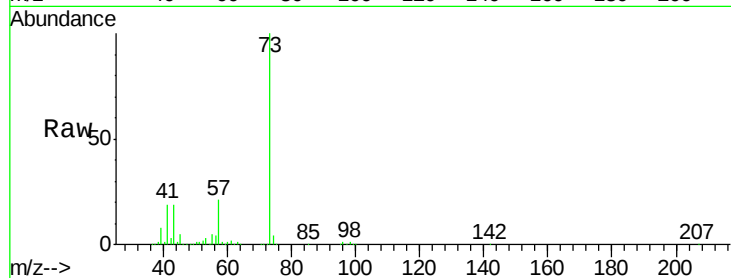
#19
Methvl tert-butvl Ether
Concen: 54.835 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 476262
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

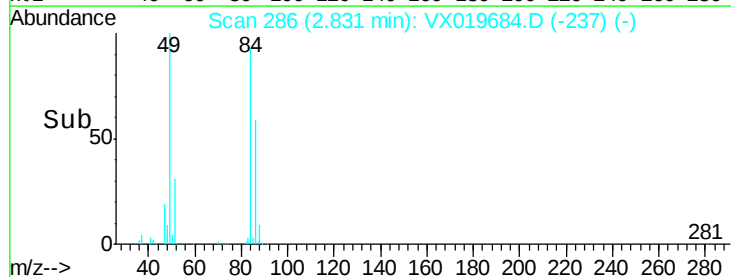
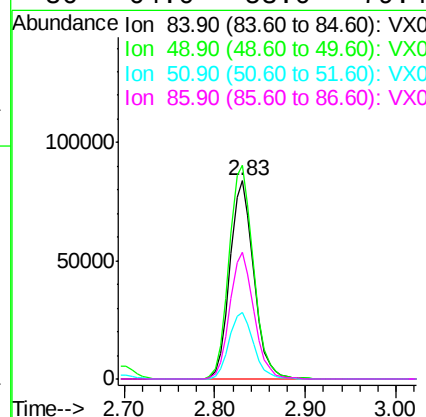
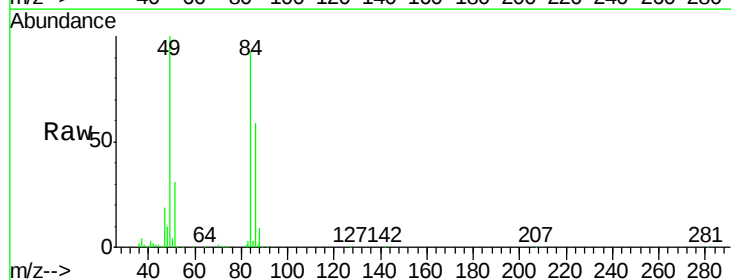
Manual Integrations
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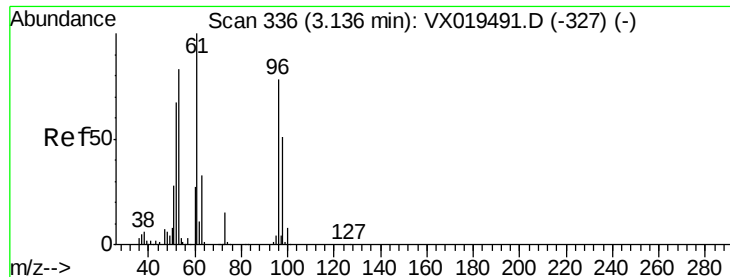
MMDadoda
12/1/2020 9:35:58 AM



#20
Methylene Chloride
Concen: 48.486 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion: 84 Resp: 154004
Ion Ratio Lower Upper
84 100
49 107.7 88.5 132.7
51 33.3 28.0 42.0
86 64.0 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 50.616 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

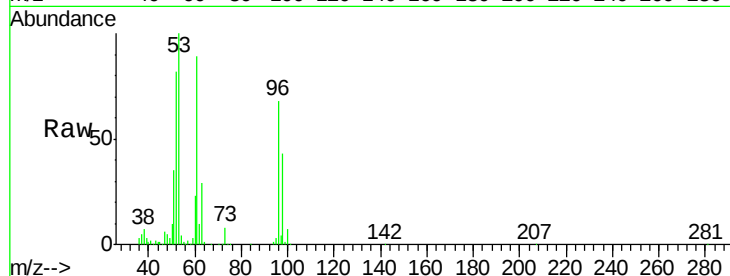
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	144295
Ion Ratio	Lower	Upper	
96	100		
61	131.8	102.9	154.3
98	63.5	52.1	78.1

Manual Integrations
APPROVED

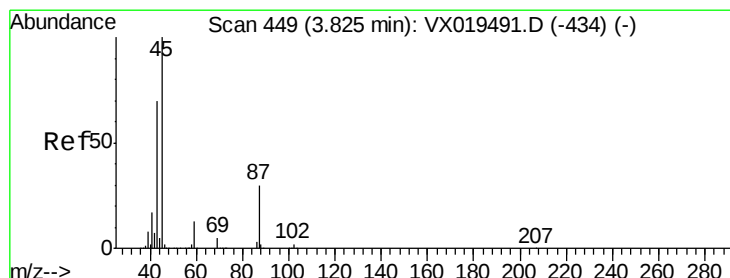
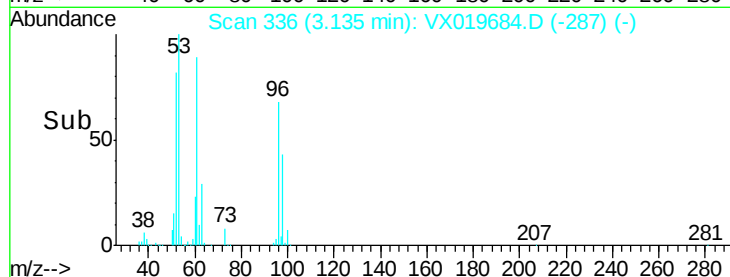
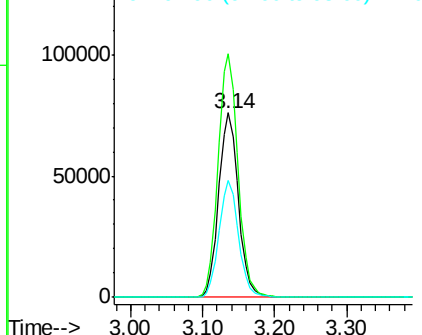
MMDadoda
12/1/2020 9:35:58 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.843 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

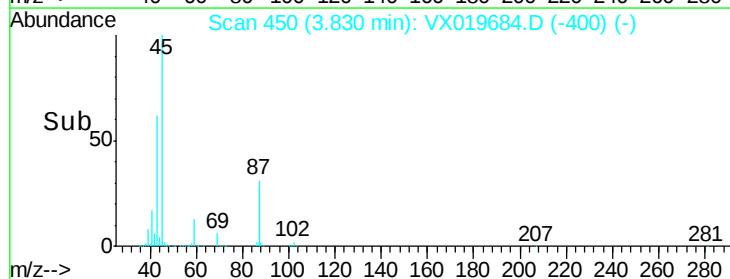
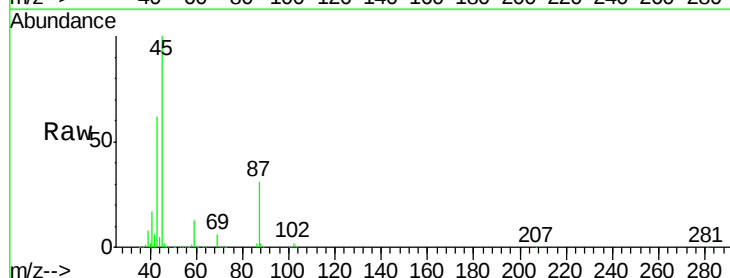
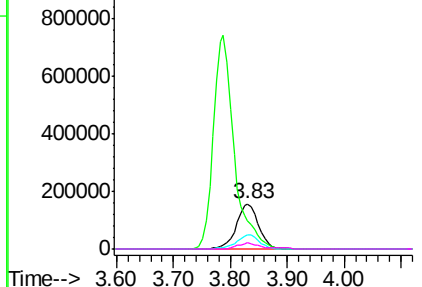
Tgt Ion:	45	Resp:	430896
Ion Ratio	Lower	Upper	
45	100		
43	61.9	56.1	84.1
87	31.1	24.2	36.2
59	13.0	10.2	15.2

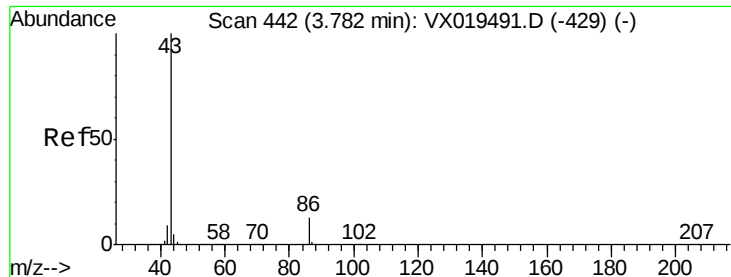
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 275.149 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1881940

Ion Ratio Lower Upper

43 100

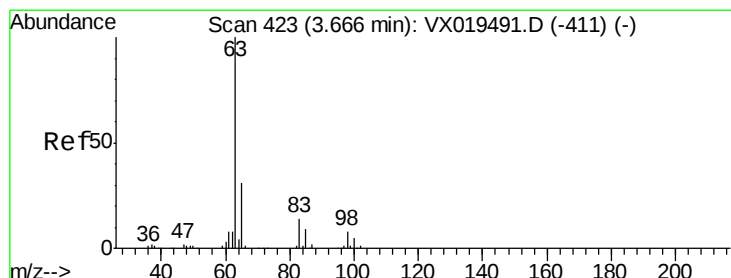
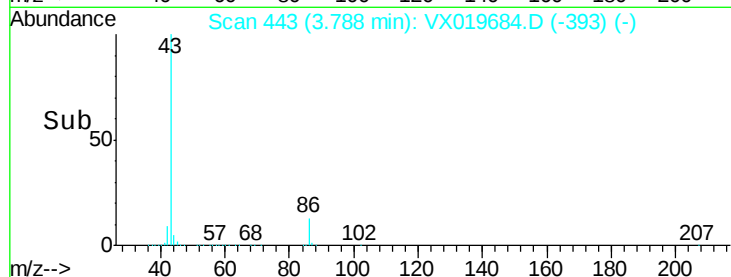
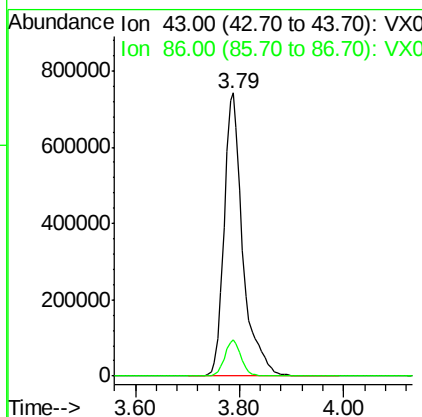
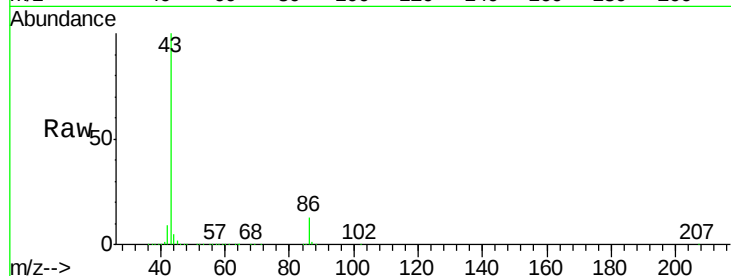
86 12.8 10.2 15.2

Manual Integrations

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12/1/2020 9:35:58 AM



#24

1,1-Dichloroethane

Concen: 52.760 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

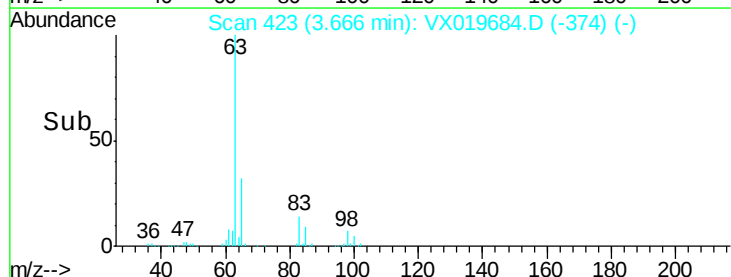
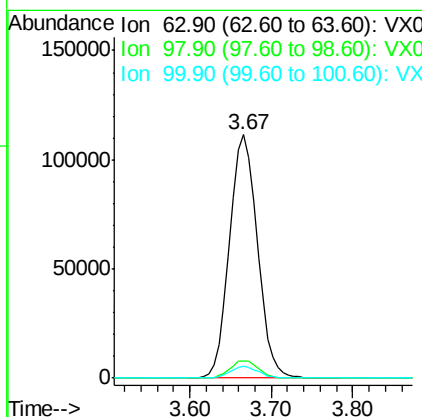
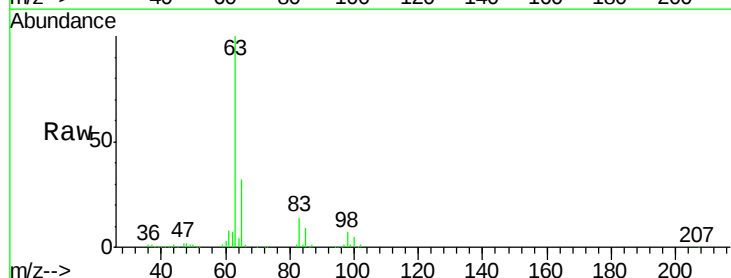
Tgt Ion: 63 Resp: 263147

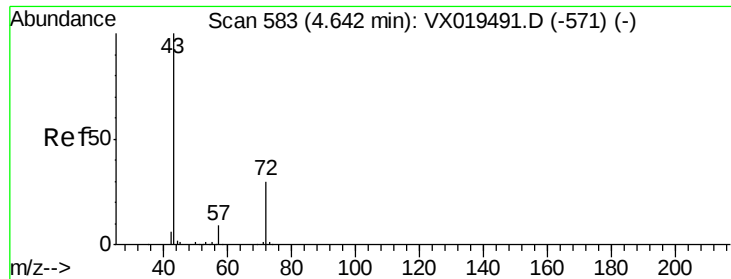
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.7

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 280.176 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 534849

Ion Ratio Lower Upper

43 100

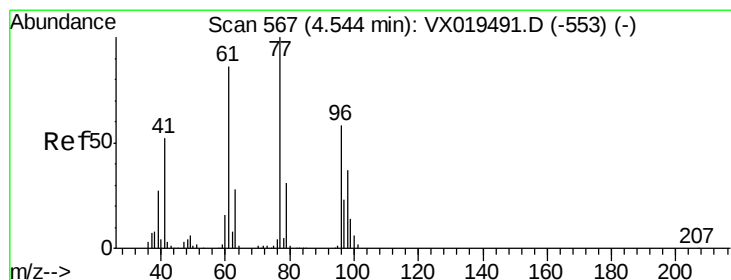
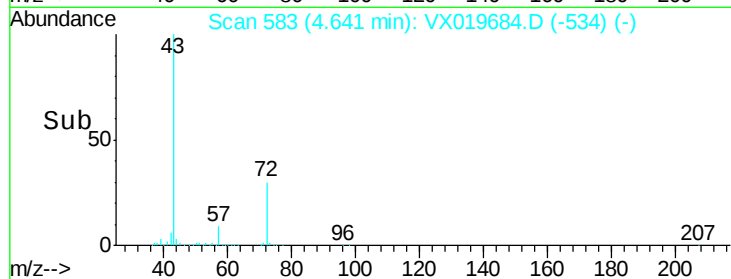
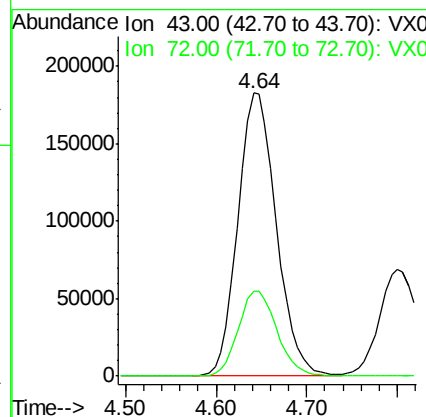
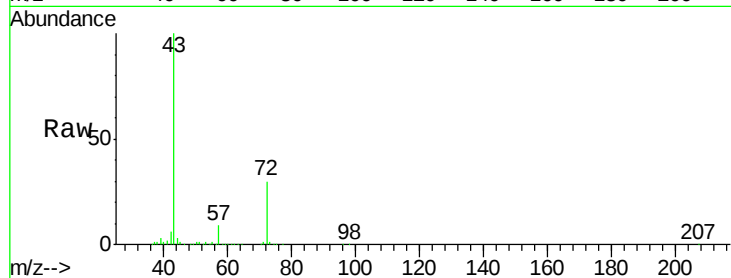
72 30.0 24.0 36.0

Manual Integrations

APPROVED

MMDadoda

12/1/2020 9:35:58 AM



#26

2,2-Dichloropropane

Concen: 48.702 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019684.D

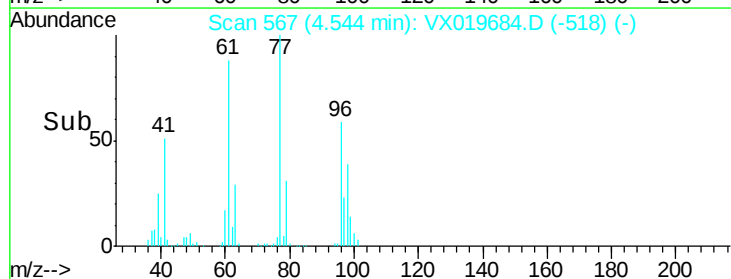
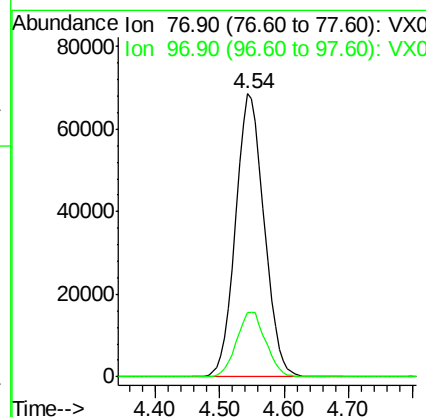
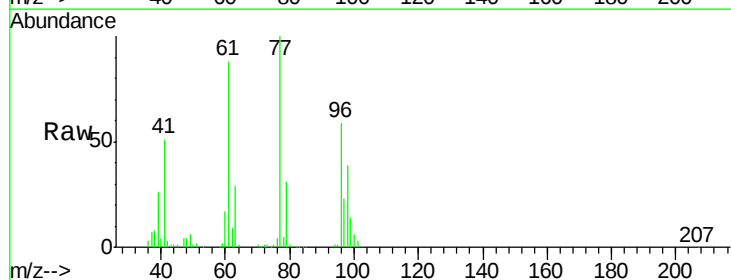
Acq: 30 Nov 2020 16:44

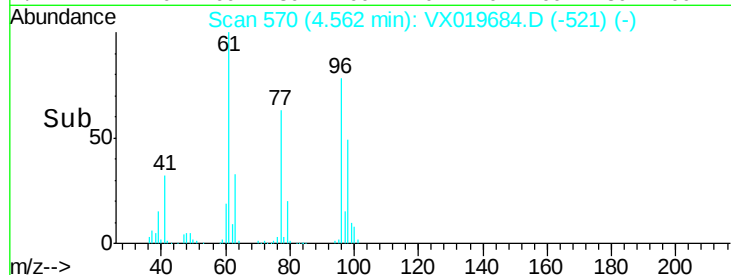
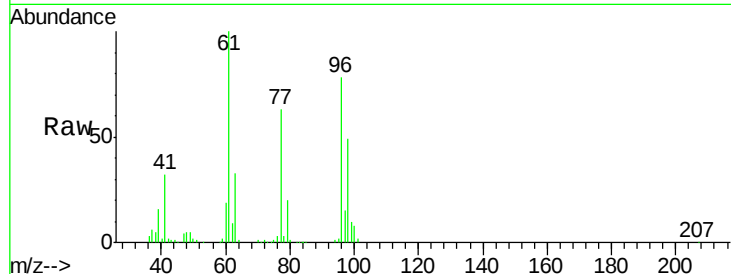
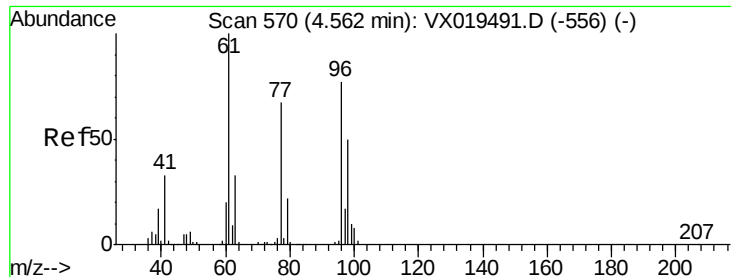
Tgt Ion: 77 Resp: 212024

Ion Ratio Lower Upper

77 100

97 23.4 11.6 34.8





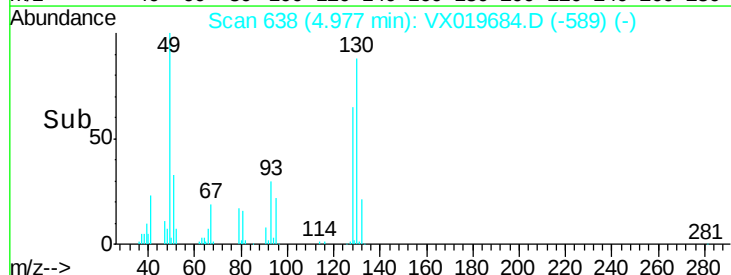
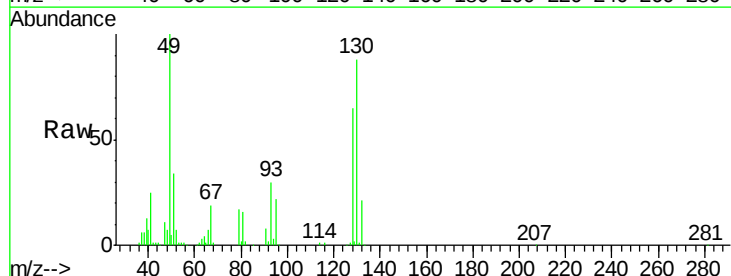
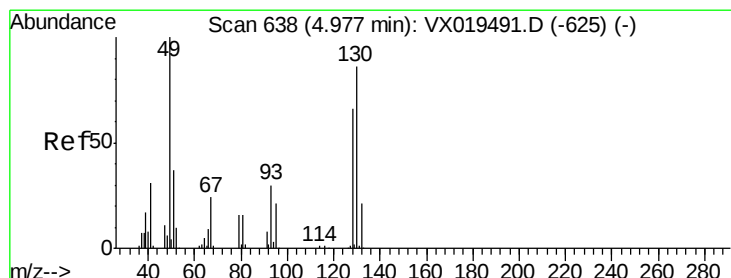
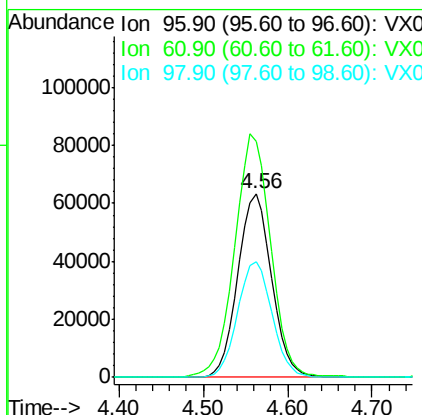
#27
 cis-1,2-Dichloroethene
 Concen: 52.536 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tot Ion	Ratio	Resp	Lower	Upper
96	100	172037		
61	140.8	0.0	279.2	
98	64.3	0.0	129.8	

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

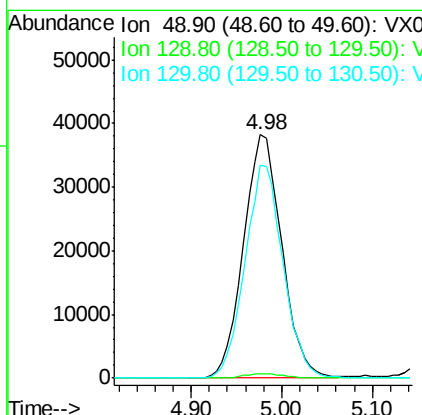
Manual Integrations
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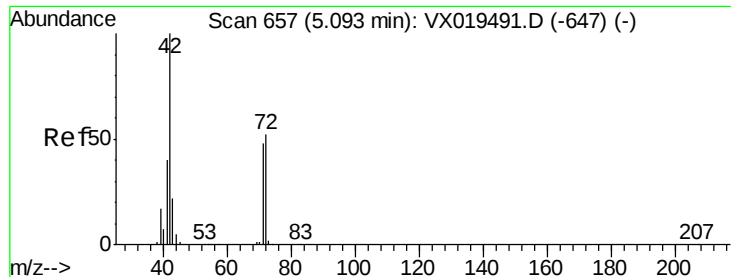
MMDadoda
 12/1/2020 9:35:58 AM



#28
 Bromochloromethane
 Concen: 47.021 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	112126		
129	2.0	0.0	4.2	
130	86.9	69.0	103.6	





#29

Tetrahydrofuran

Concen: 279.060 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

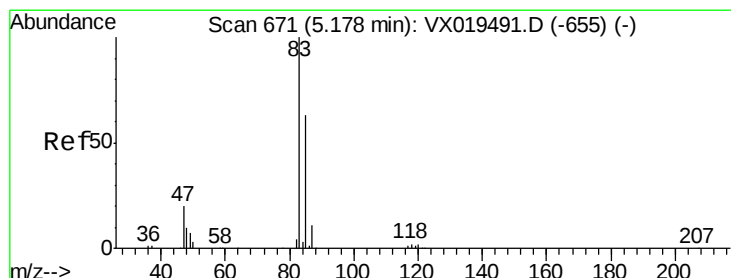
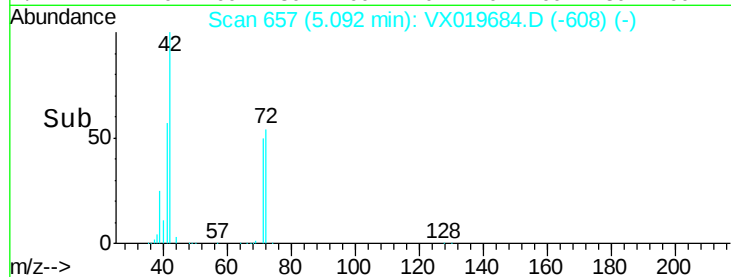
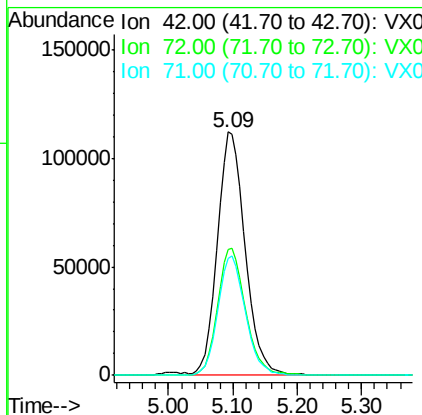
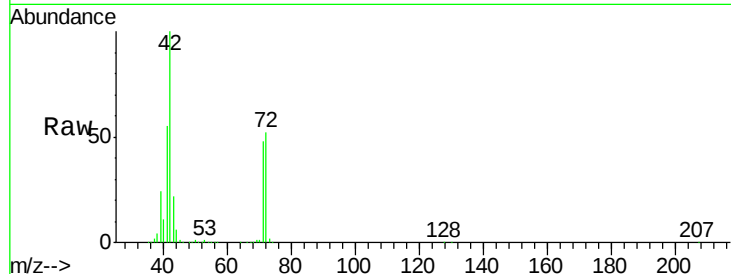
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	339900
Ion Ratio	Lower	Upper	
42	100		
72	52.8	42.6	63.8
71	48.8	39.0	58.6

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#30

Chloroform

Concen: 52.125 ug/l

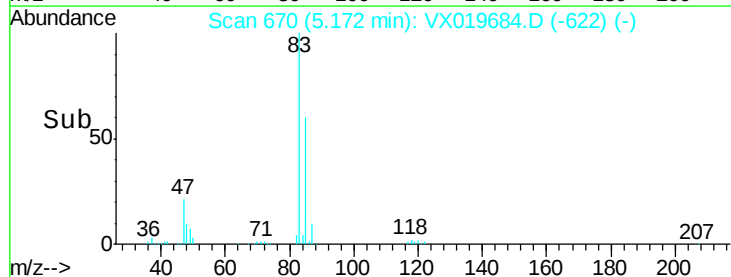
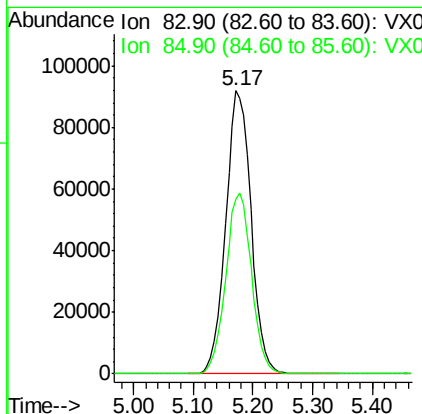
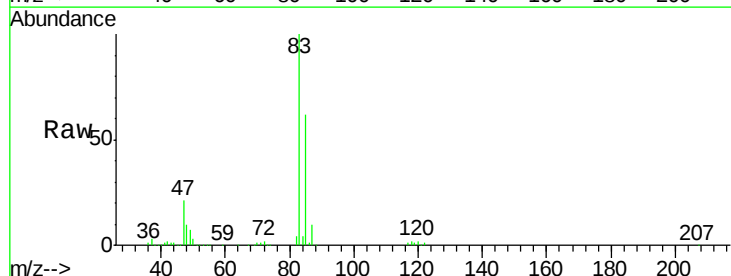
RT: 5.17 min Scan# 670

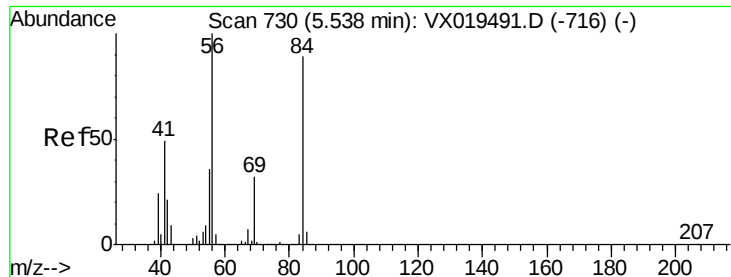
Delta R.T. -0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Tgt Ion:	83	Resp:	271844
Ion Ratio	Lower	Upper	
83	100		
85	61.6	50.5	75.7





#31

Cvclohexane

Concen: 49.332 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

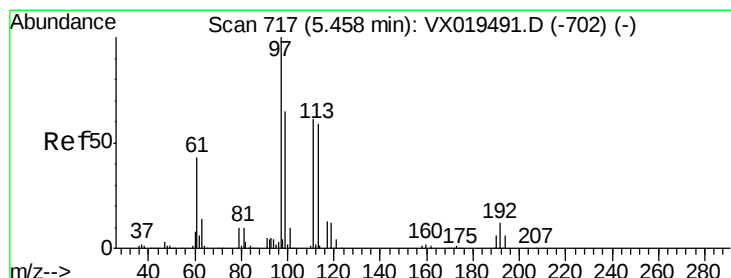
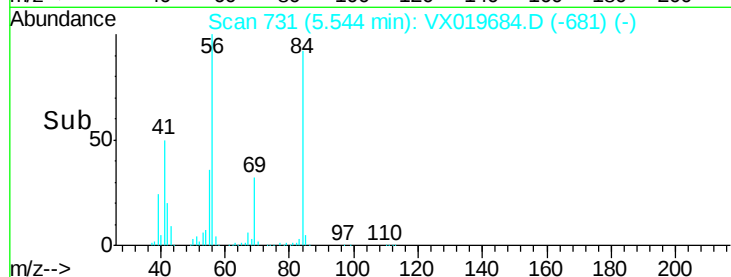
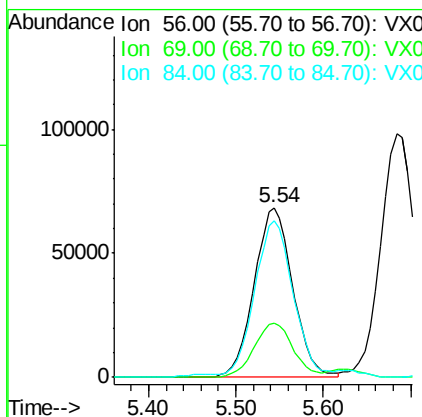
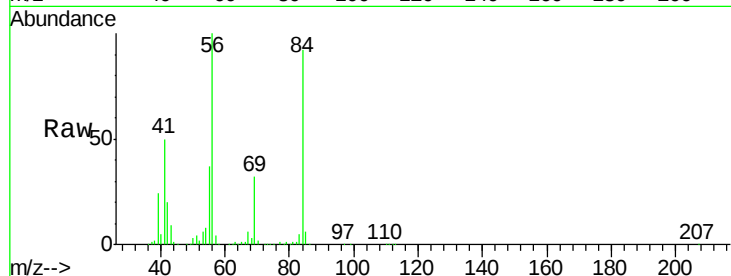
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.5	38.3
84	90.6	71.1	106.7

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#32

1,1,1-Trichloroethane

Concen: 52.283 ug/l

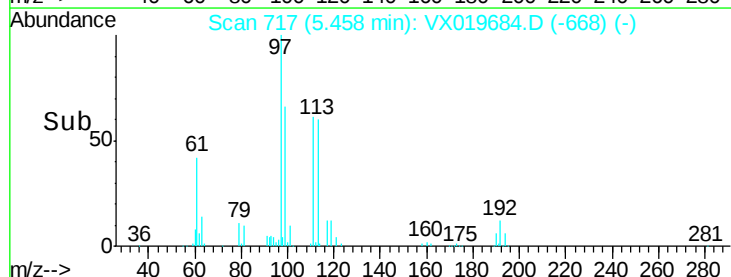
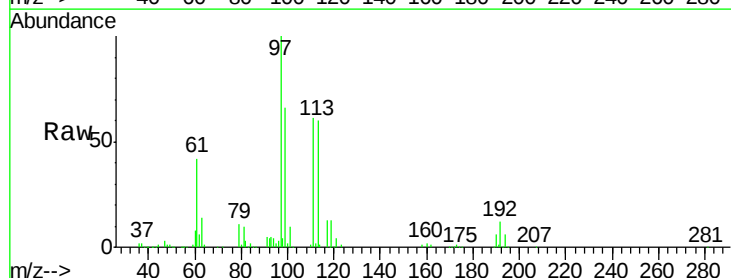
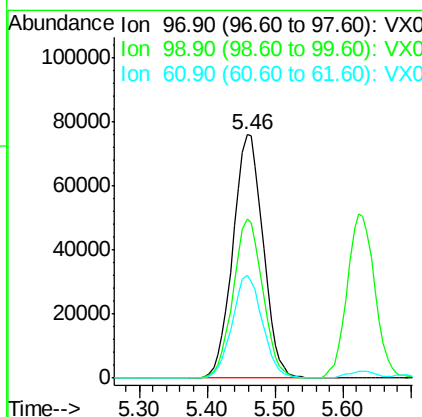
RT: 5.46 min Scan# 717

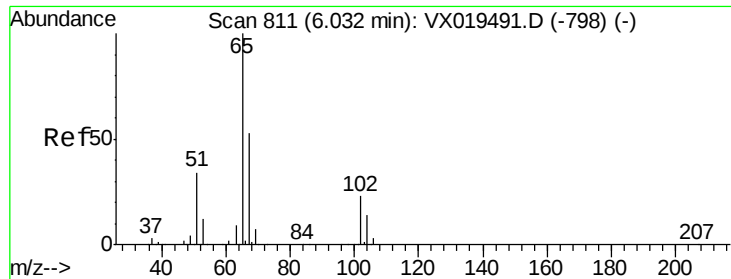
Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.0
61	42.3	34.2	51.2





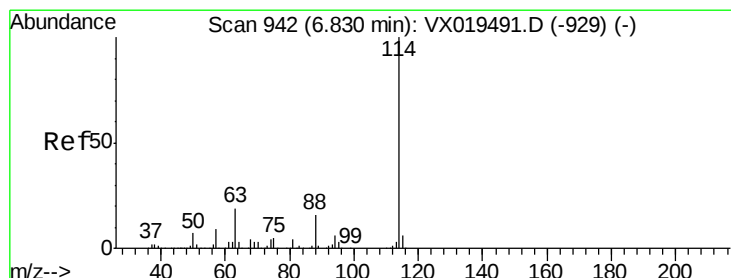
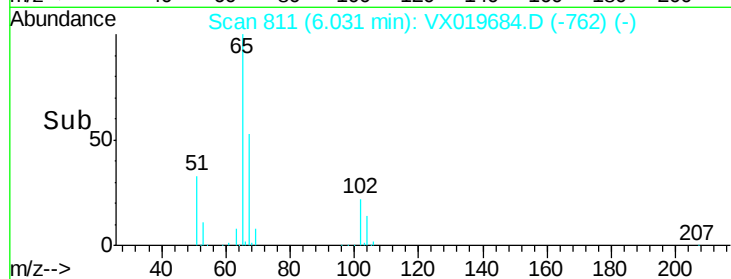
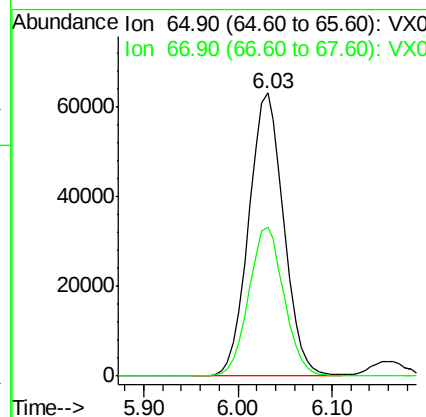
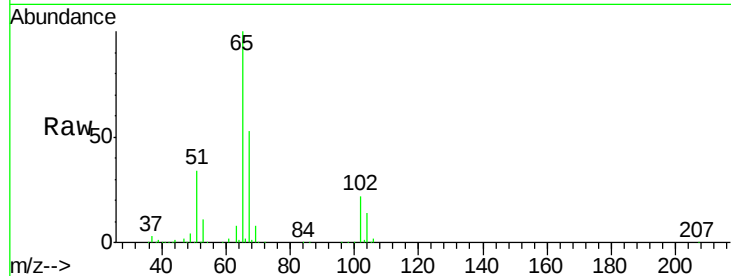
#33
 1,2-Dichloroethane-d4
 Concen: 50.166 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.0

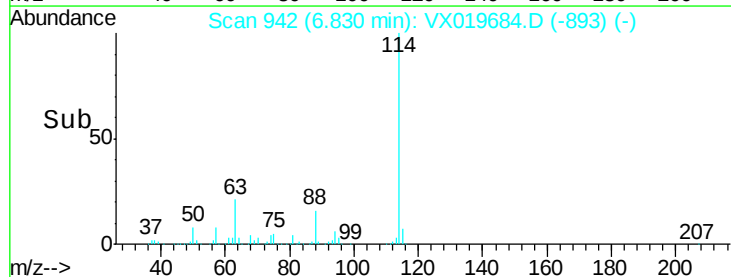
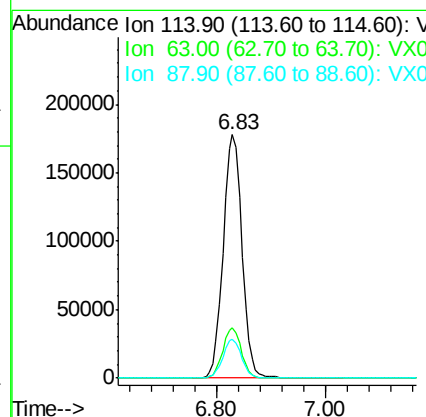
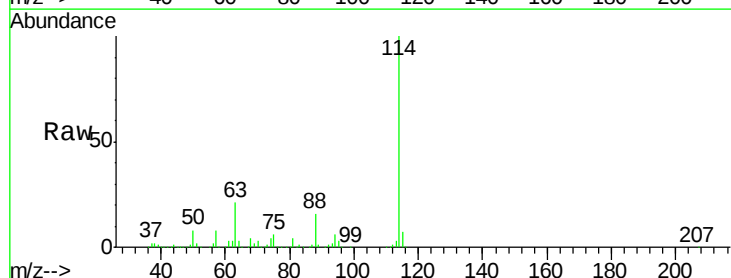
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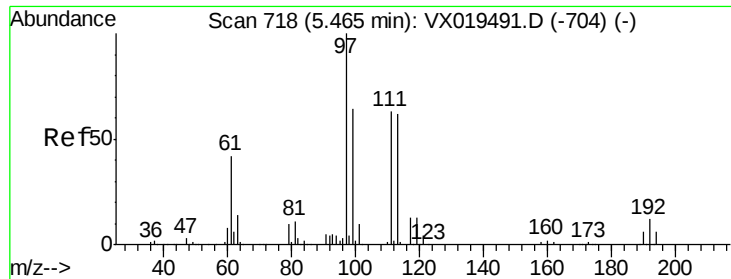
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	38.8
88	16.0	0.0	31.6





#35

Dibromofluoromethane

Concen: 50.464 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

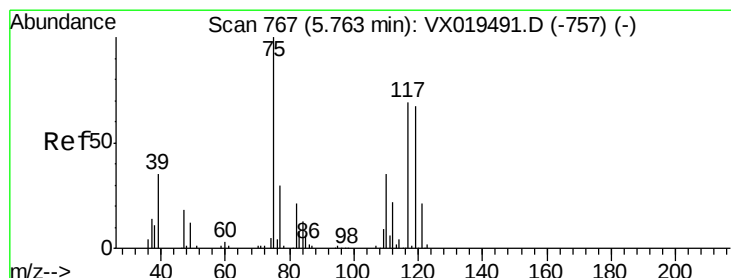
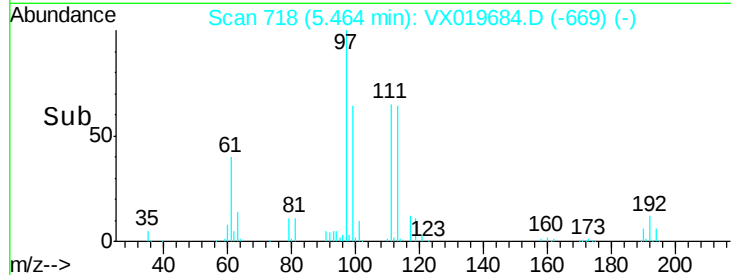
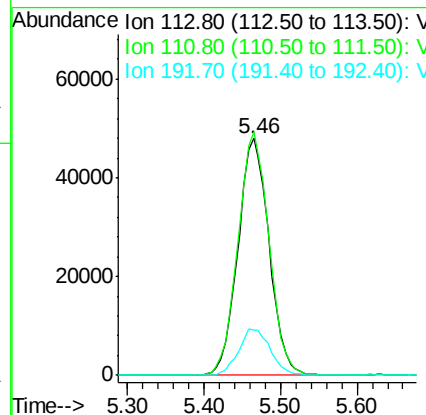
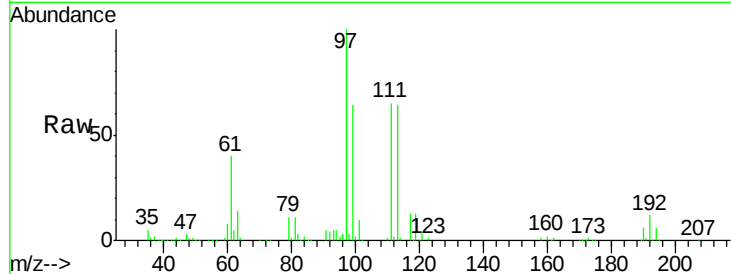
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	135023
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.5	122.3
192	20.0	16.2	24.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.179 ug/l

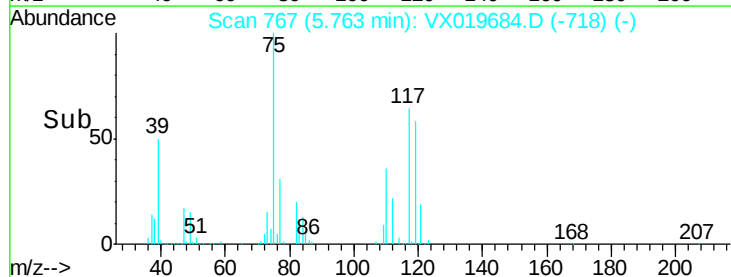
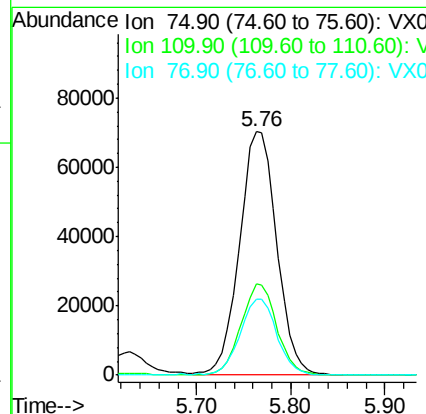
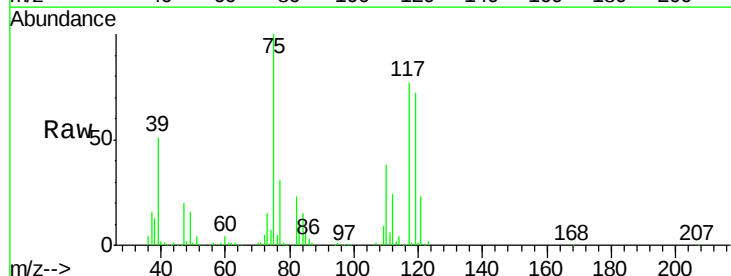
RT: 5.76 min Scan# 767

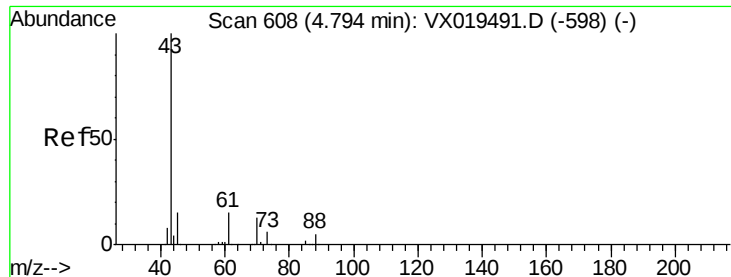
Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Tgt Ion:	75	Resp:	192534
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.1	54.3
77	31.2	24.2	36.4





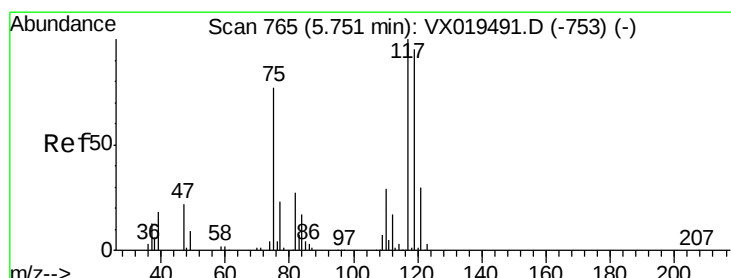
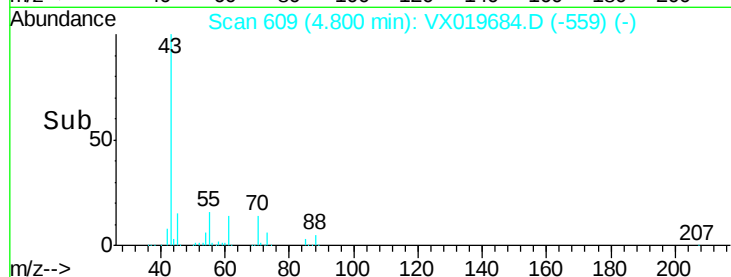
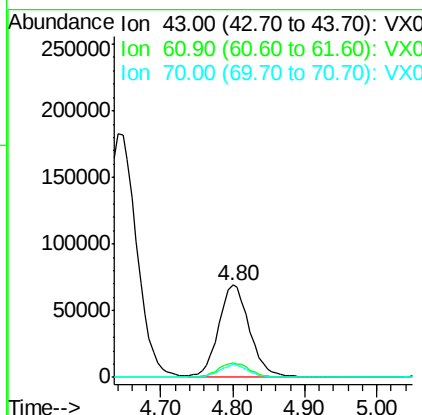
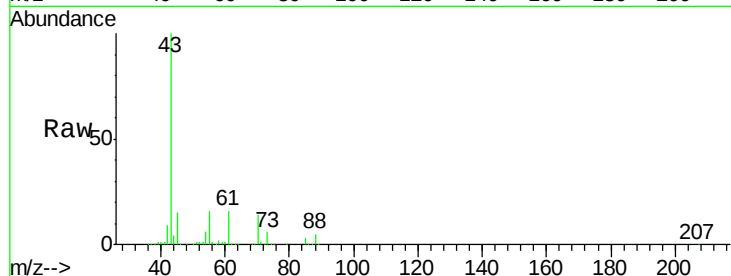
#37
Ethyl Acetate
Concen: 54.829 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.7	19.1
70	13.0	10.2	15.2

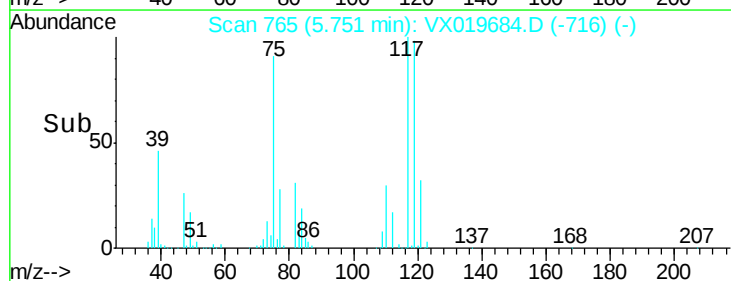
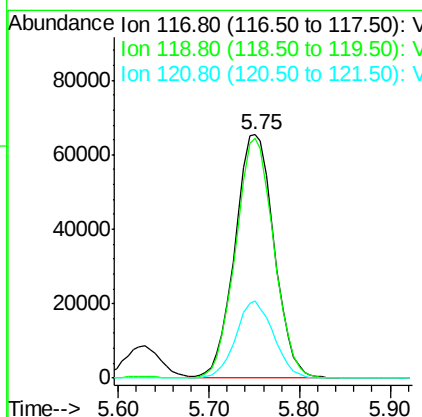
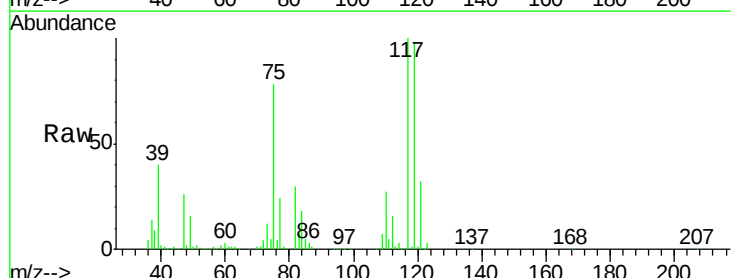
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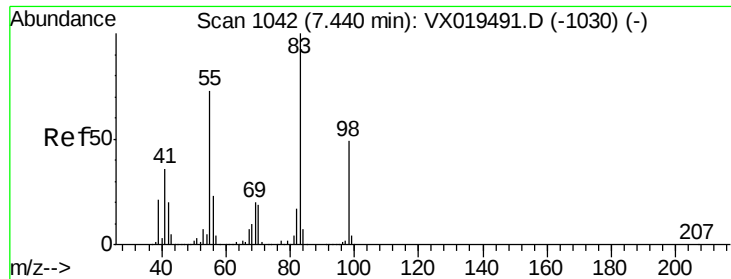
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#38
Carbon Tetrachloride
Concen: 50.599 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.9	113.9
121	31.6	24.0	36.0





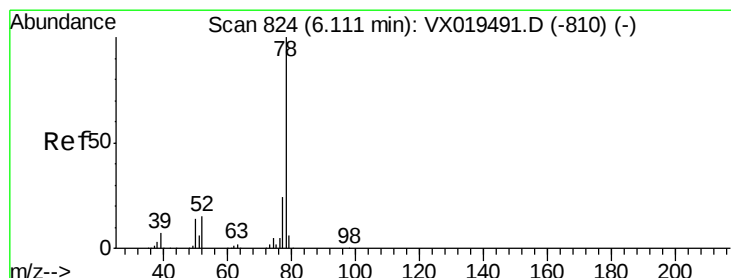
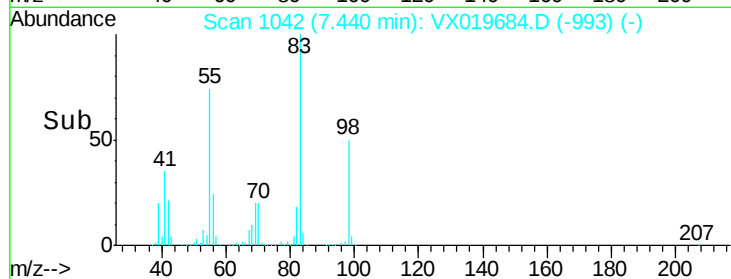
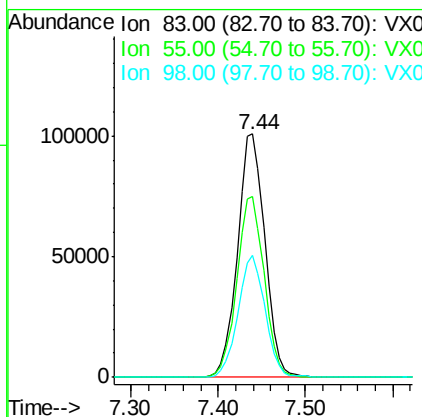
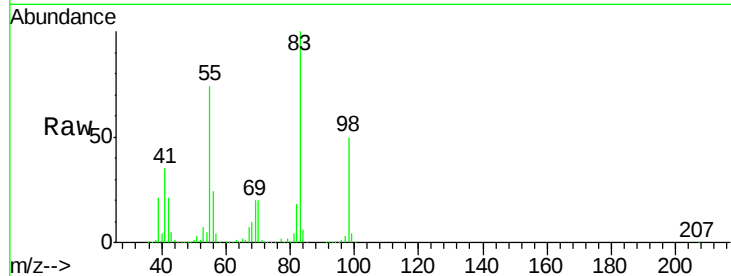
#39
Methvlcvclohexane
Concen: 47.285 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.3	58.3	87.5
98	50.2	38.9	58.3

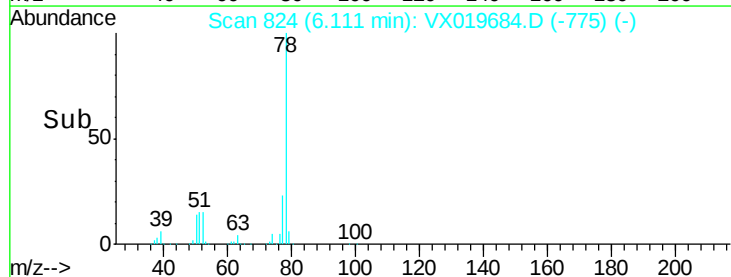
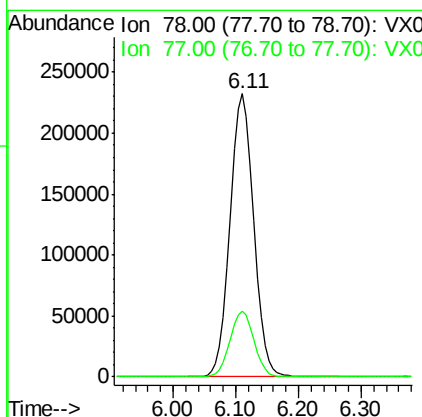
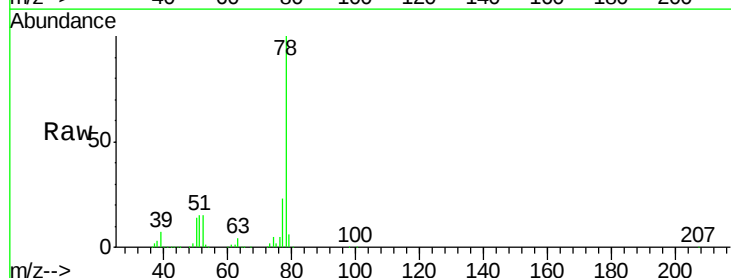
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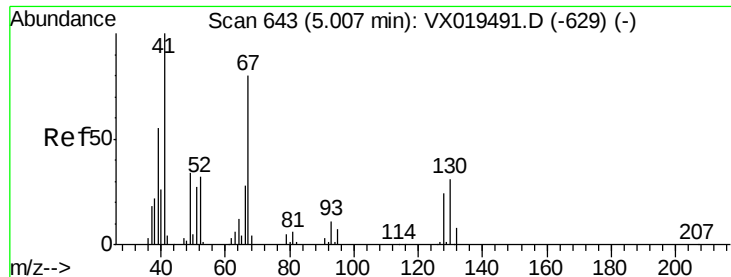
MMDadoda
12/1/2020 9:35:58 AM



#40
Benzene
Concen: 49.552 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.9	28.3





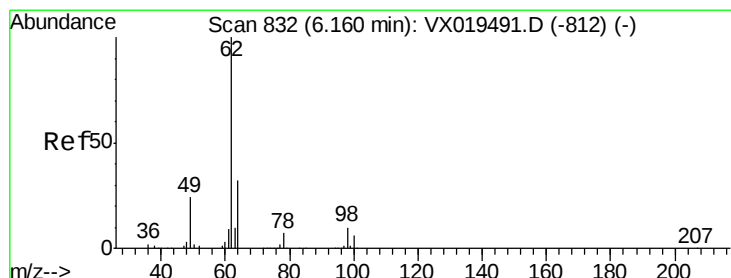
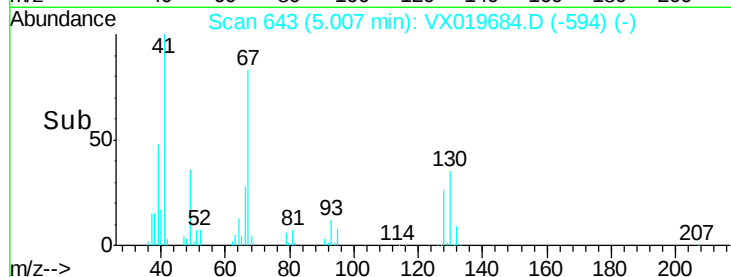
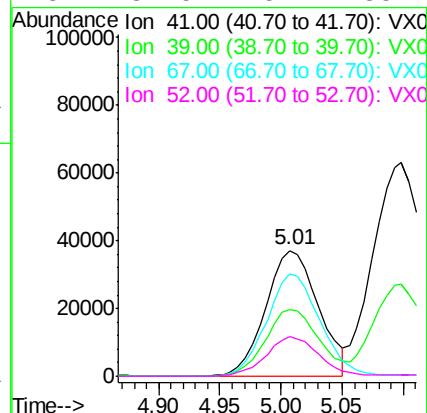
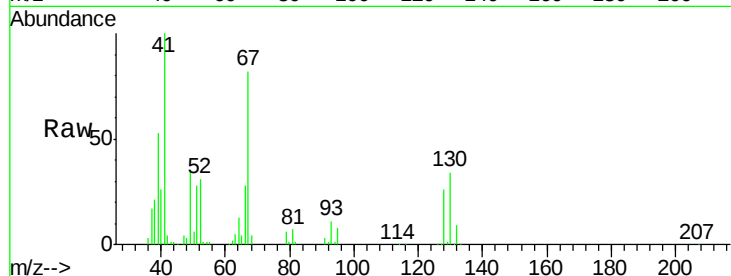
#41
Methacrylonitrile
Concen: 53.761 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.8	43.3	64.9
67	83.4	66.0	99.0
52	31.5	25.4	38.2

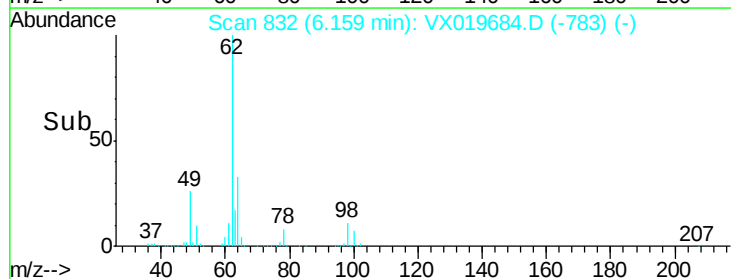
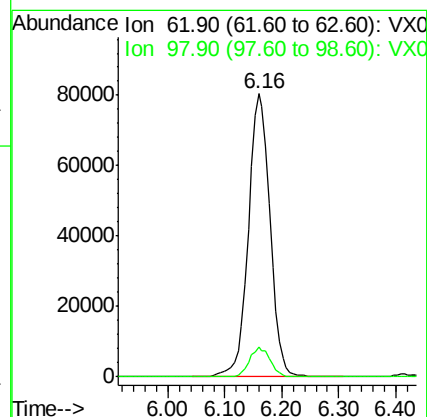
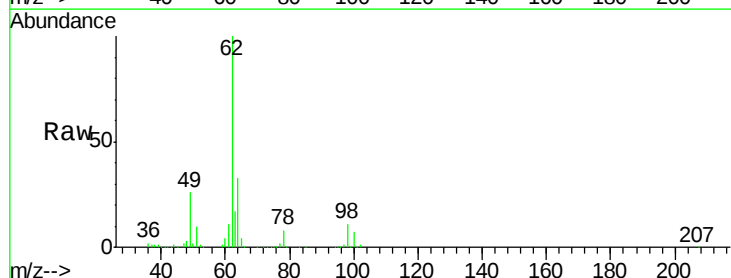
Manual Integrations
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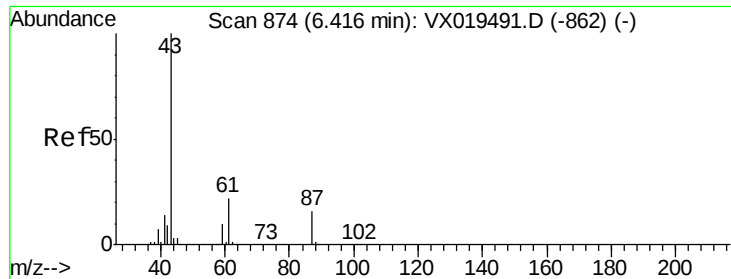
MMDadoda
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#42
1,2-Dichloroethane
Concen: 50.668 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.0





#43

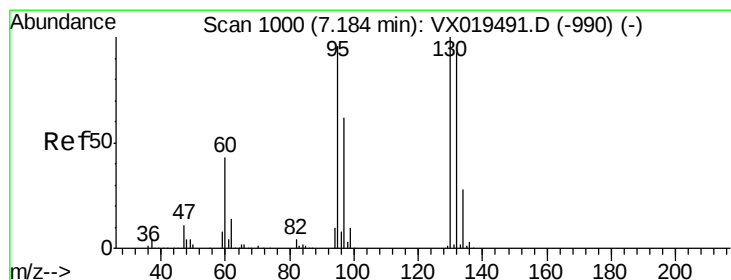
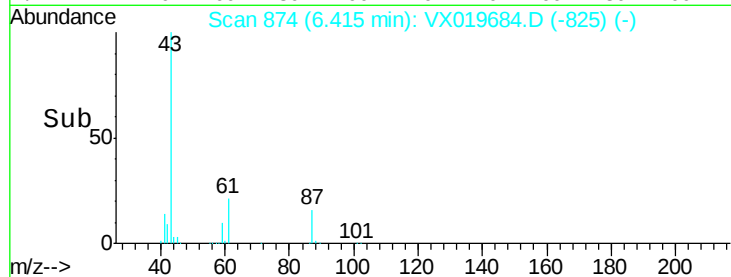
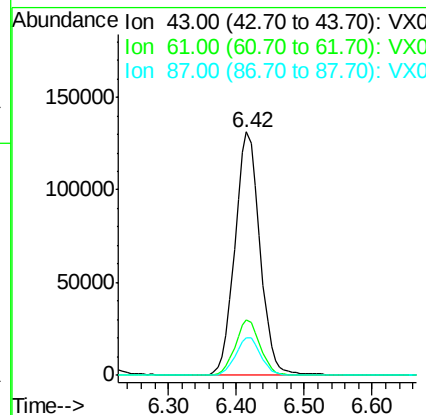
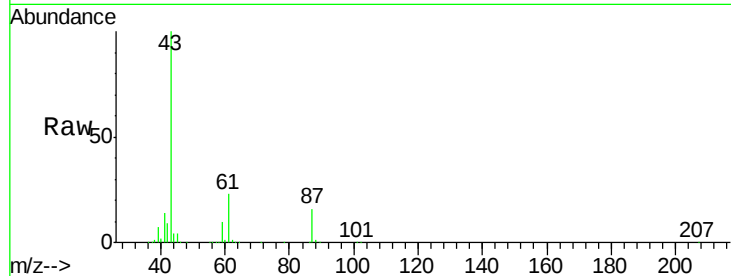
Isopropyl Acetate
 Concen: 52.792 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.7	18.2	27.2
87	15.7	12.6	18.8

Manual Integrations
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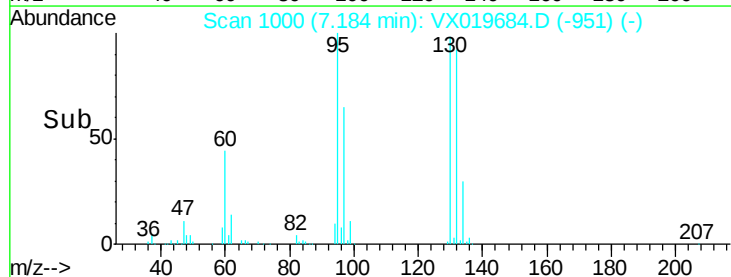
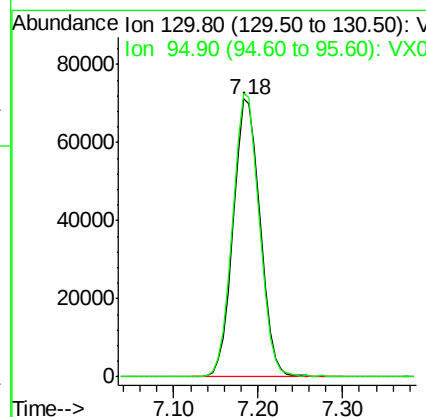
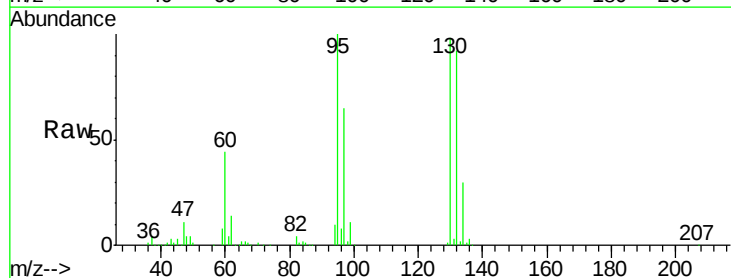
MMDadoda
 12/1/2020 9:35:58 AM

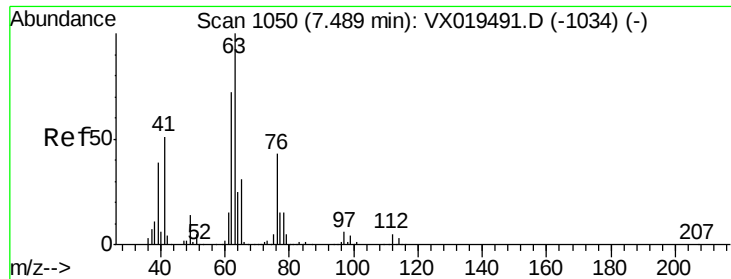


#44

Trichloroethene
 Concen: 48.013 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	191.2





#45

1,2-Dichloropropane

Concen: 51.204 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 154776

Ion Ratio Lower Upper

63 100

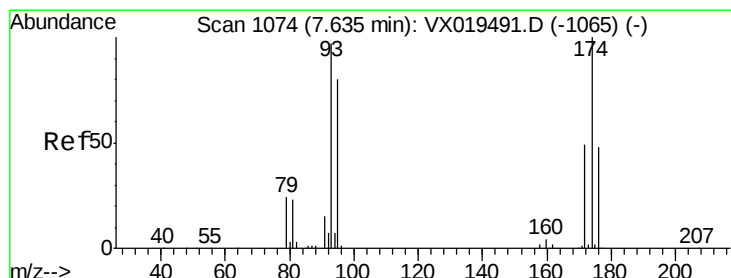
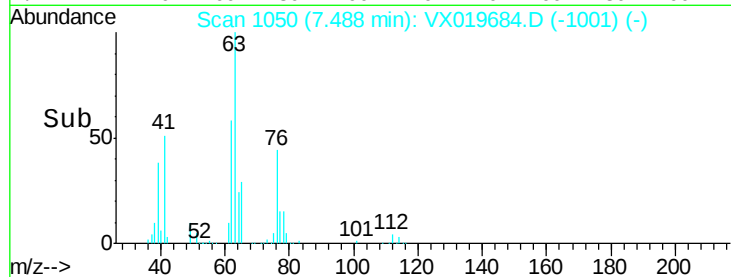
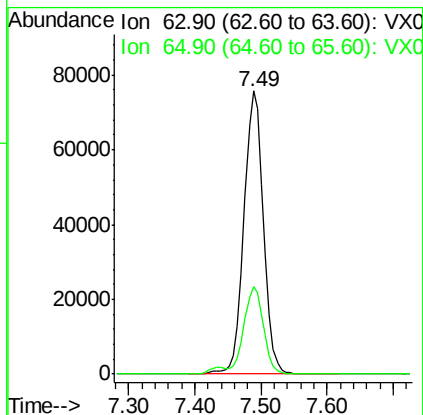
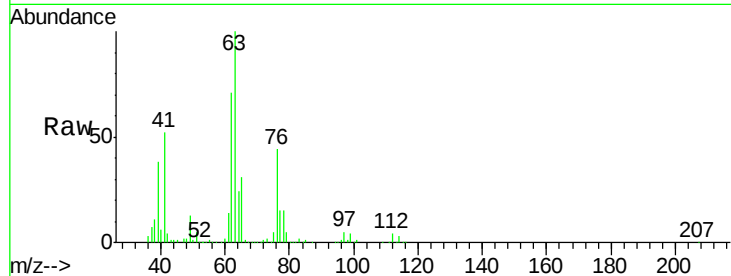
65 30.8 25.0 37.4

Manual Integrations

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#46

Dibromomethane

Concen: 51.028 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

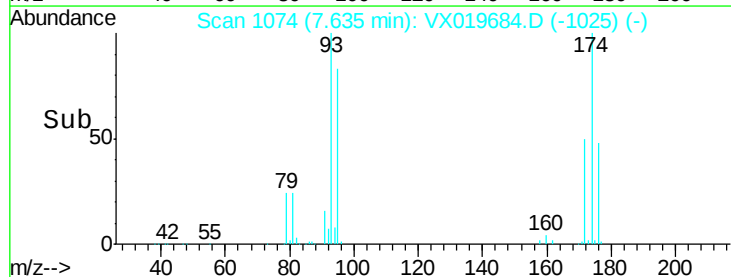
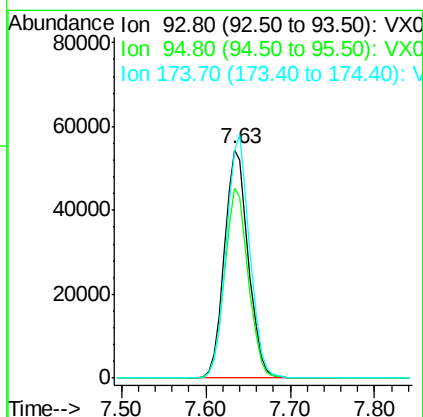
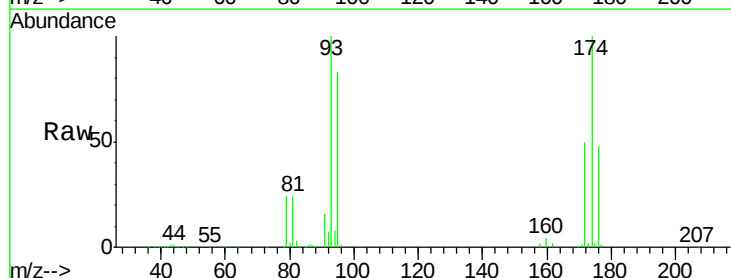
Tgt Ion: 93 Resp: 105567

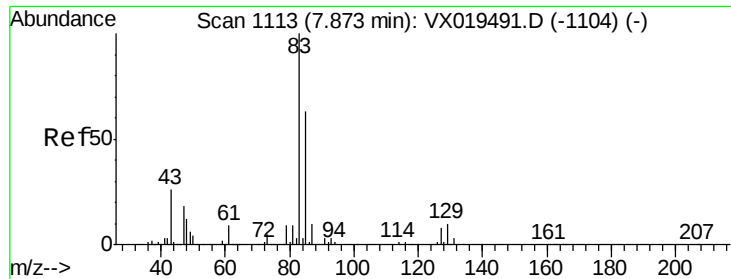
Ion Ratio Lower Upper

93 100

95 82.7 66.8 100.2

174 104.1 83.0 124.4





#47

Bromodichloromethane

Concen: 51.904 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

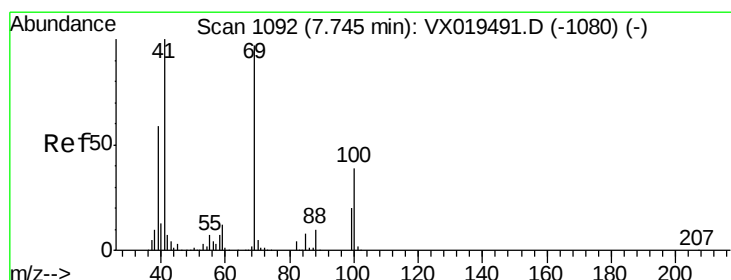
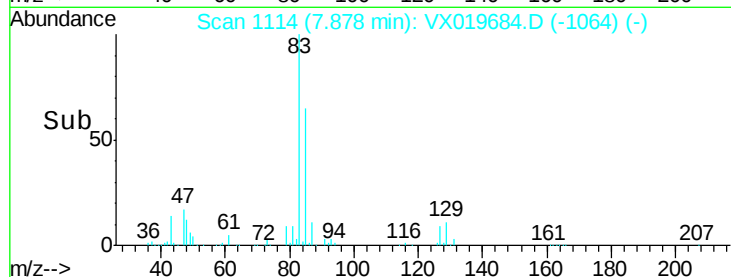
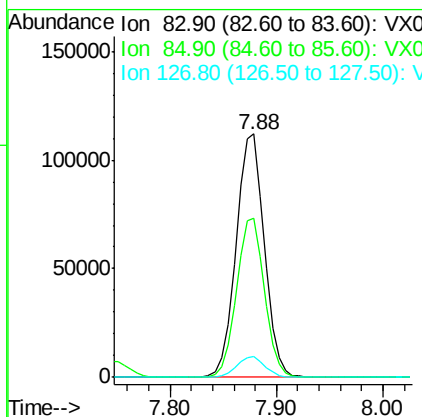
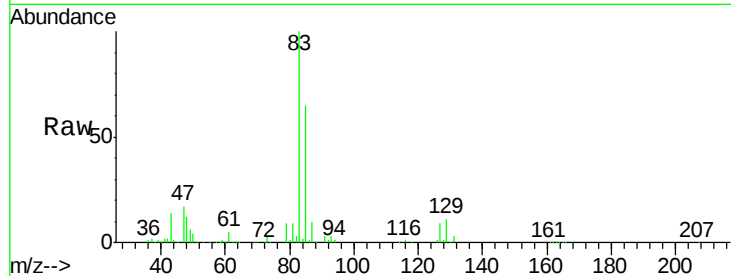
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	208367
Ion Ratio	Lower	Upper	
83	100		
85	65.2	50.2	75.2
127	8.6	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.017 ug/l

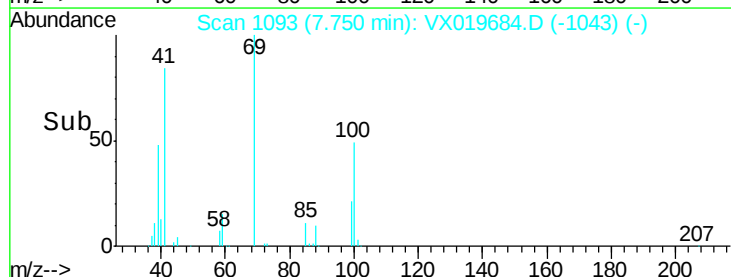
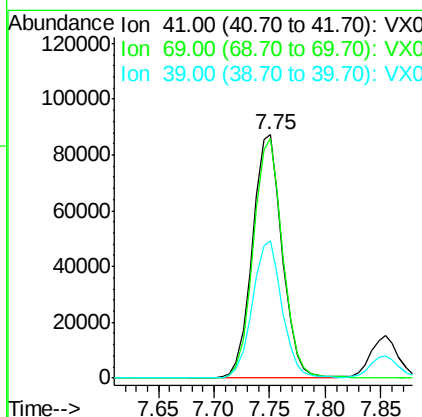
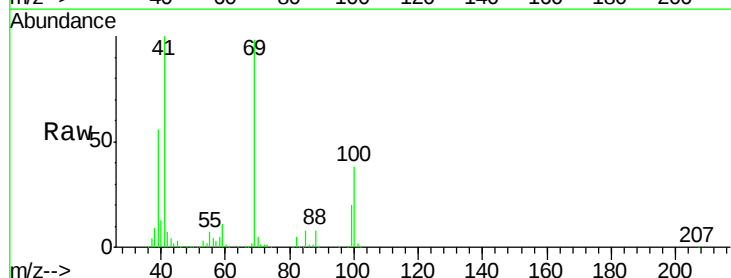
RT: 7.75 min Scan# 1093

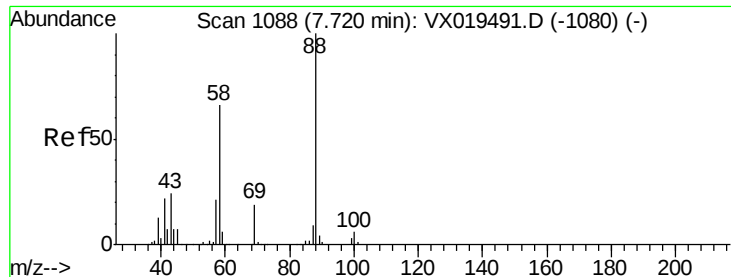
Delta R.T. 0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Tgt Ion:	41	Resp:	162493
Ion Ratio	Lower	Upper	
41	100		
69	97.3	77.0	115.6
39	56.0	45.6	68.4





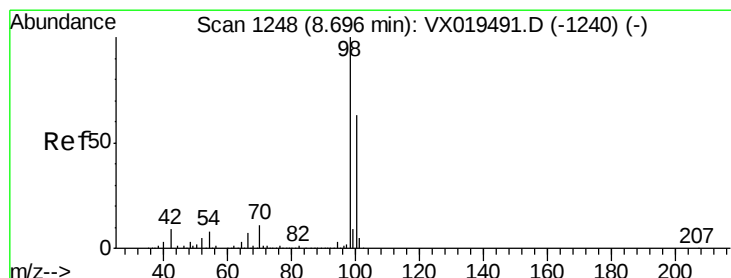
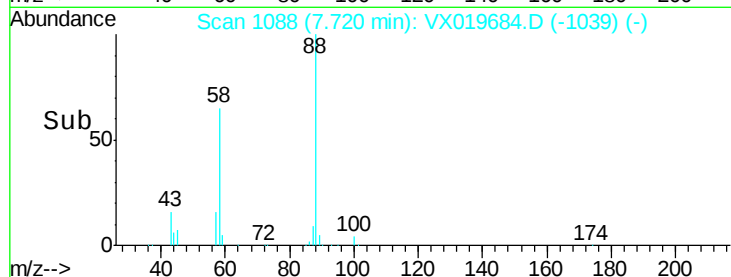
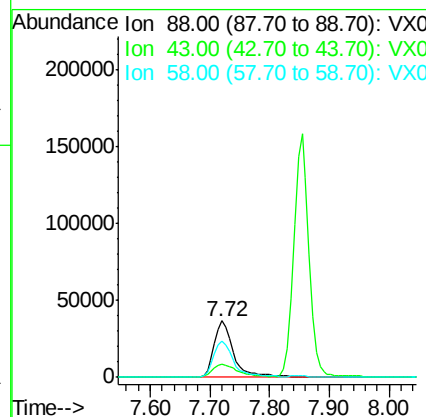
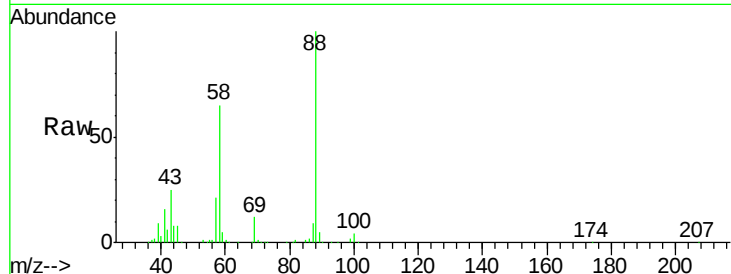
#49
1,4-Dioxane
Concen: 1240.051 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.2	23.8	35.6
58	65.9	54.2	81.2

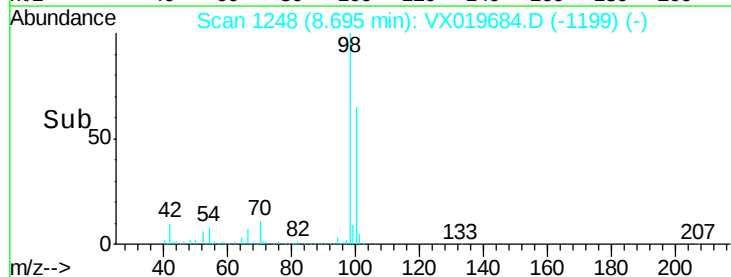
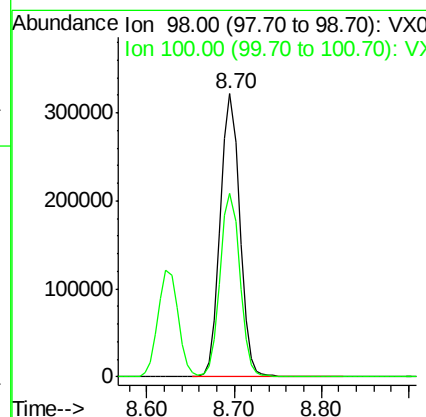
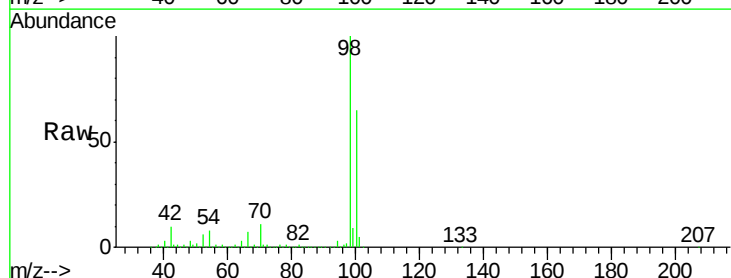
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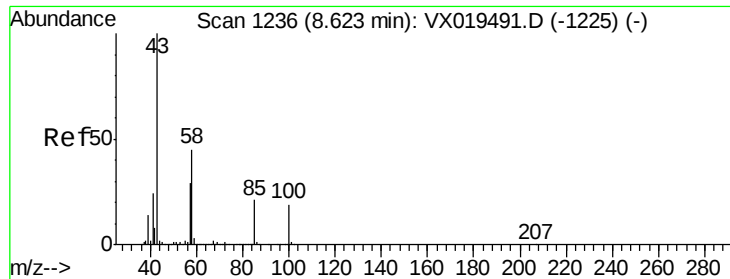
MMDadoda
12/1/2020 9:35:58 AM



#50
Toluene-d8
Concen: 48.002 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 283.143 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Tot Ion: 43 Resp: 1041261

Ion Ratio Lower Upper

43 100

58 44.1 35.1 52.7

Instrument :

MSVOA_X

ClientSampleId :

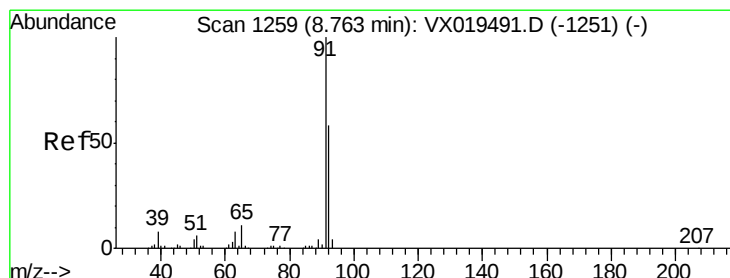
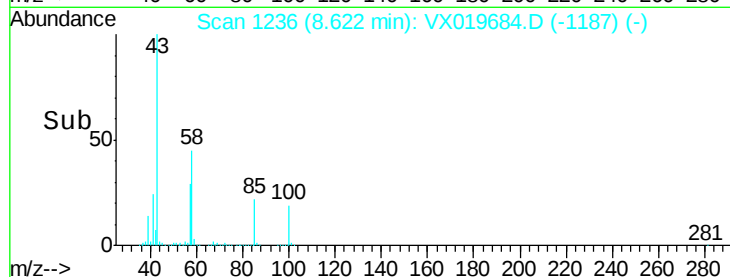
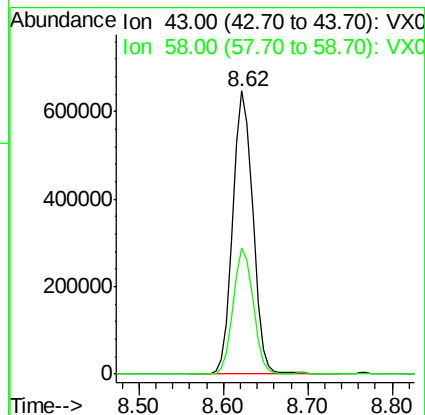
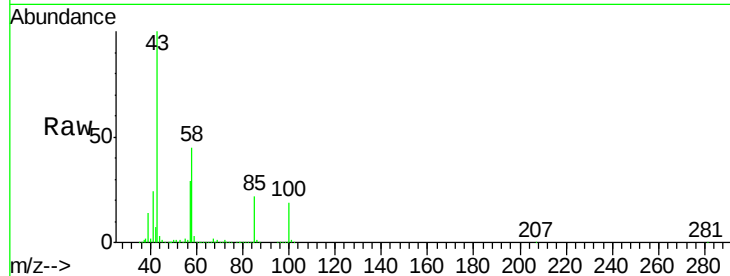
VSTDCCC050EC

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#52

Toluene

Concen: 49.647 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019684.D

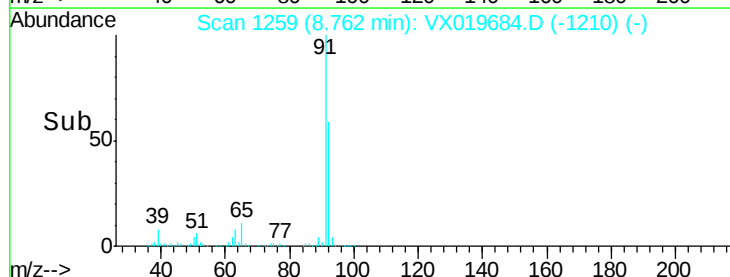
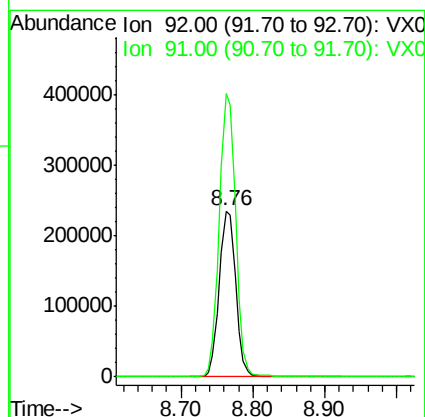
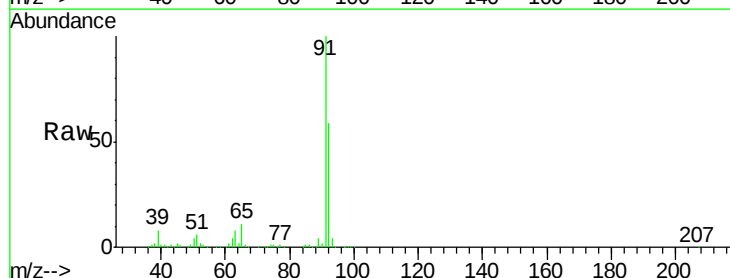
Acq: 30 Nov 2020 16:44

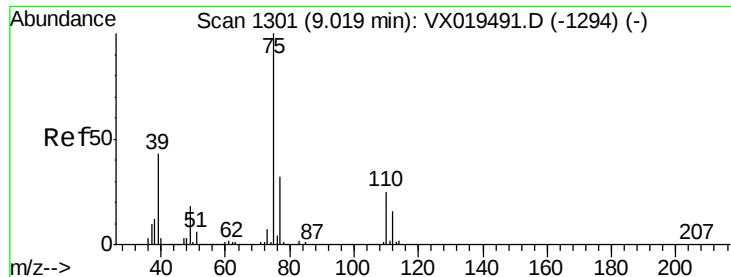
Tgt Ion: 92 Resp: 372914

Ion Ratio Lower Upper

92 100

91 169.6 138.1 207.1





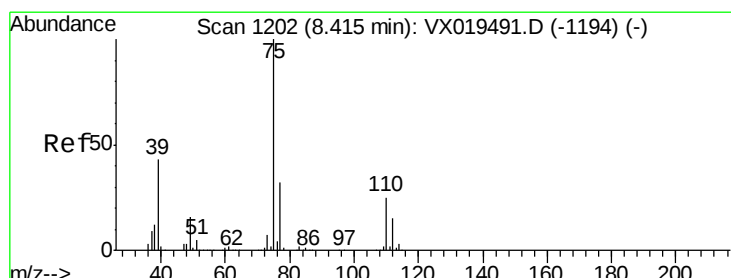
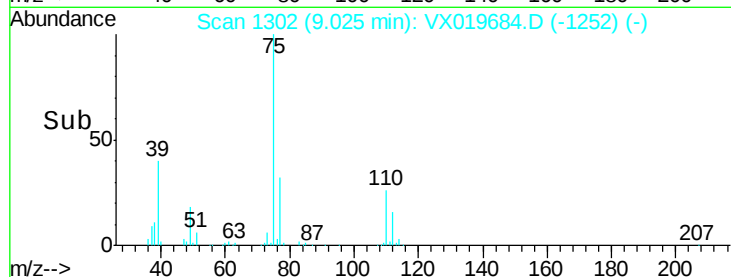
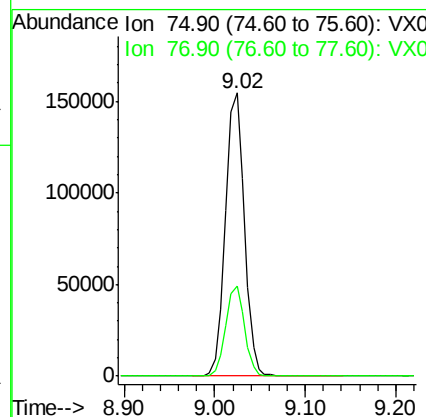
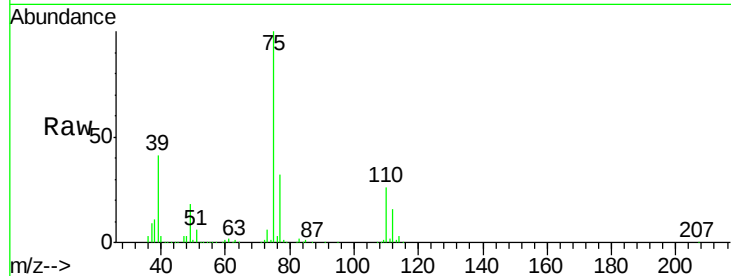
#53
t-1,3-Dichloropropene
Concen: 52.191 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 226278
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9

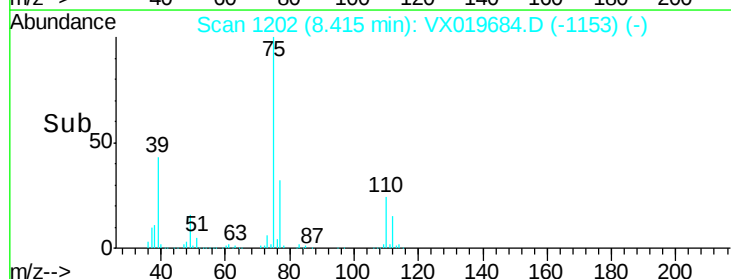
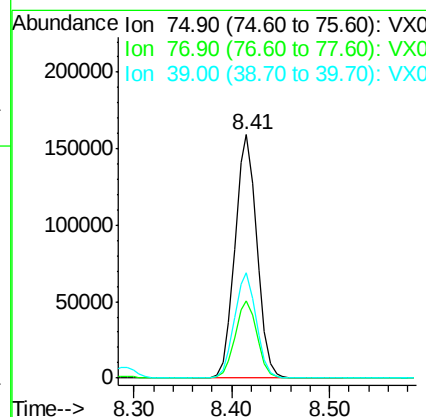
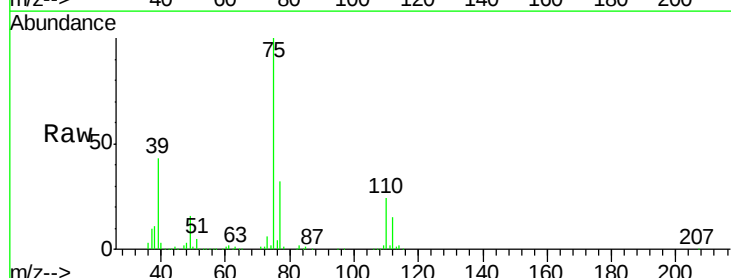
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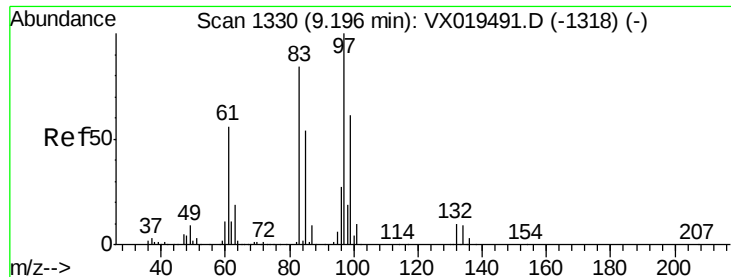
MMDadoda
12/1/2020 9:35:58 AM



#54
cis-1,3-Dichloropropene
Concen: 51.579 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion: 75 Resp: 248168
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6
39 43.4 34.6 51.8





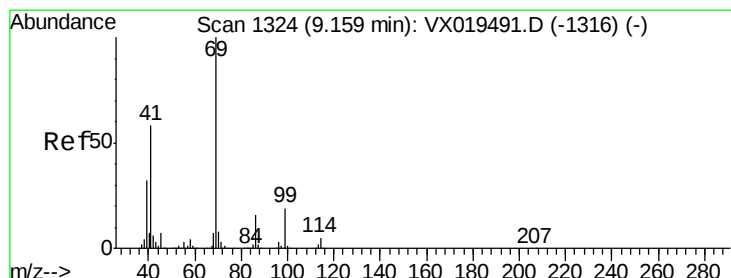
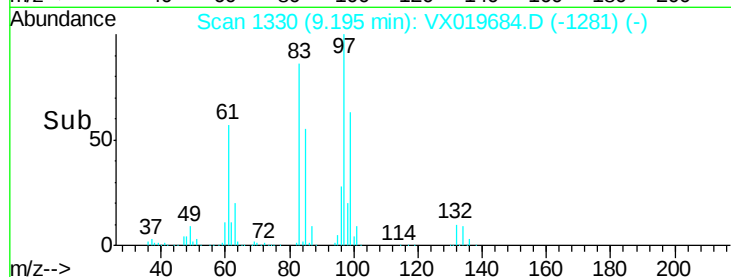
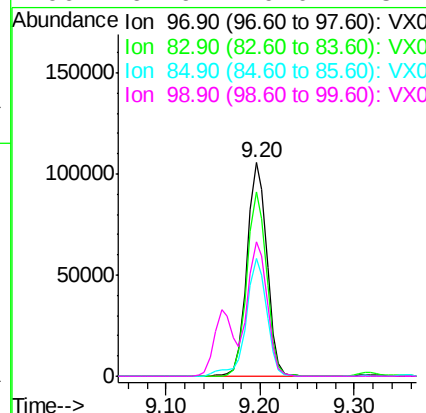
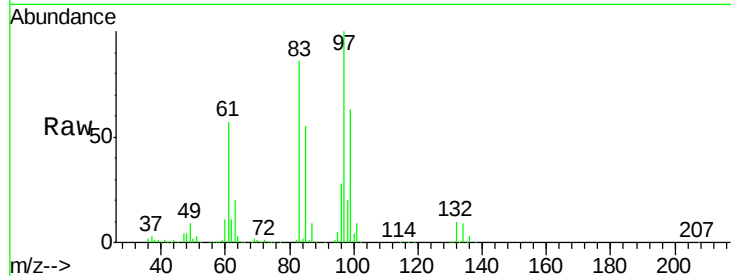
#55
 1,1,2-Trichloroethane
 Concen: 50.882 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	155652
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.0	100.6
85	54.9	43.4	65.0
99	62.9	49.0	73.4

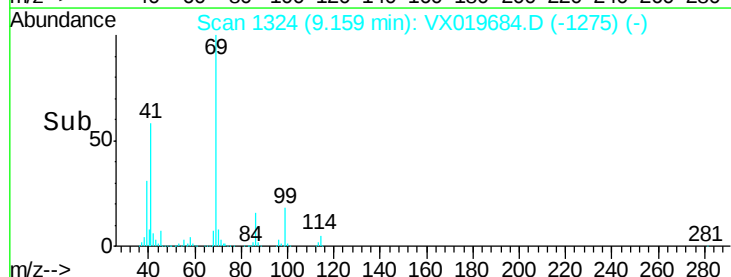
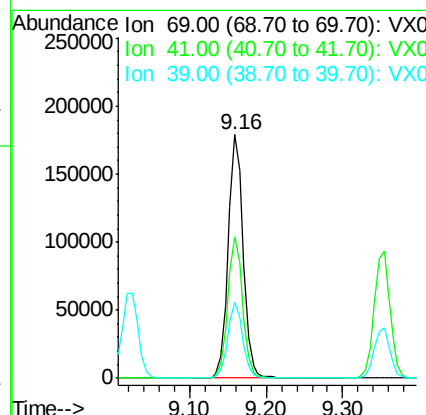
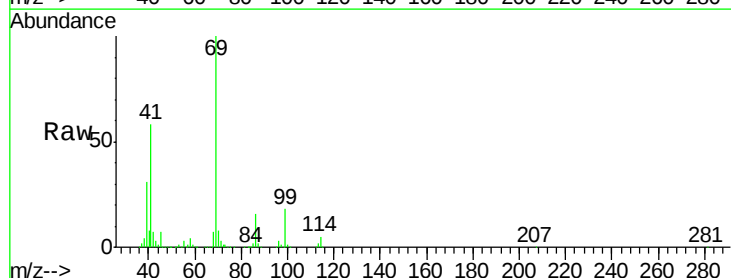
Manual Integrations
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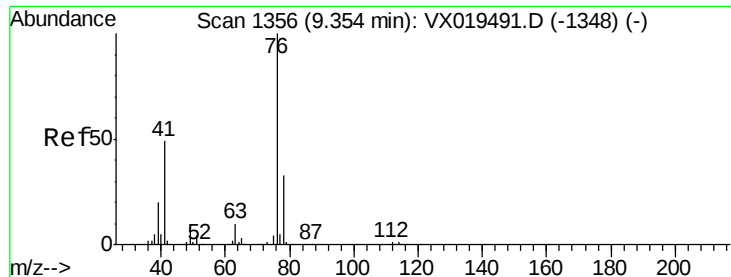
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 12/1/2020 9:35:58 AM



#56
 Ethyl methacrylate
 Concen: 55.940 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion	69	Resp	242142
Ion	Ratio	Lower	Upper
69	100		
41	57.7	46.2	69.2
39	30.9	25.5	38.3





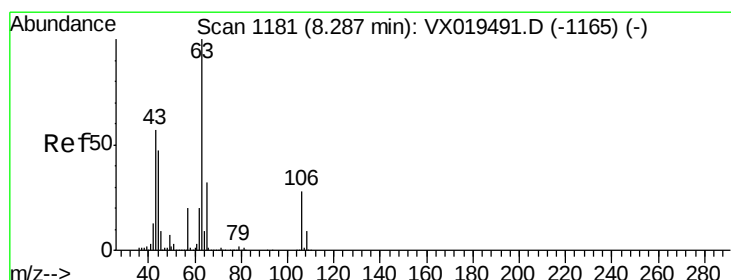
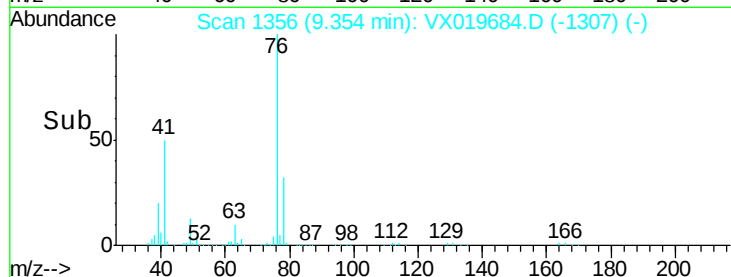
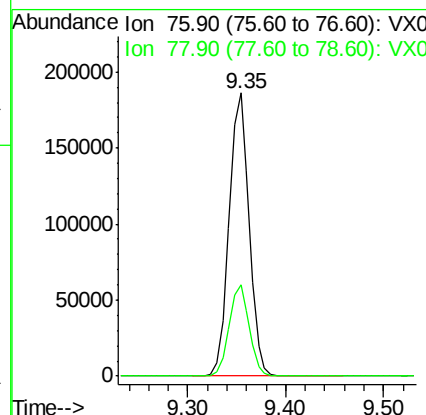
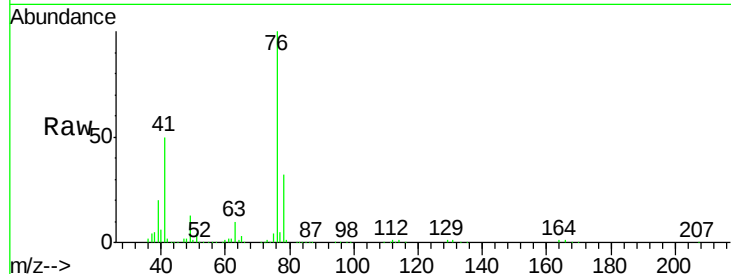
#57
 1,3-Dichloropropane
 Concen: 51.539 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.7	38.5

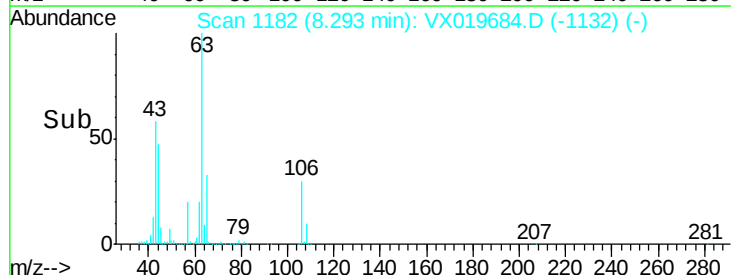
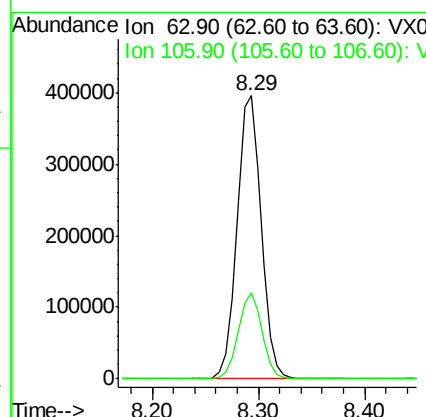
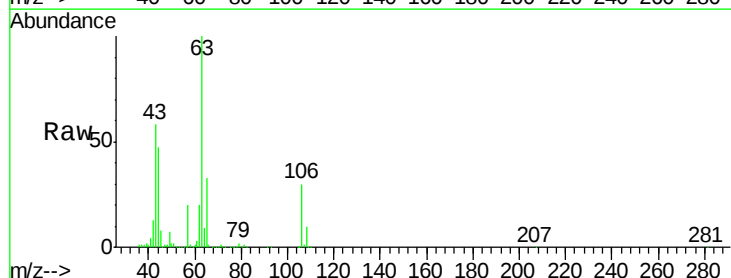
Manual Integrations
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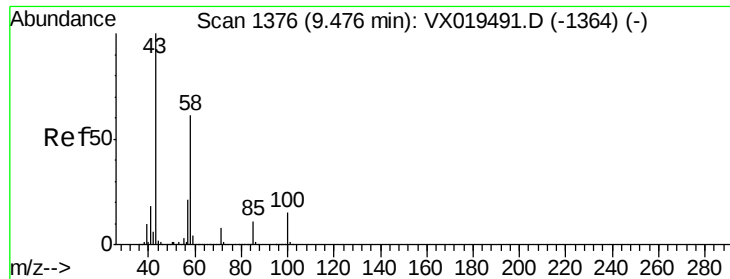
MMDadoda
 12/1/2020 9:35:58 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.272 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	23.7	35.5





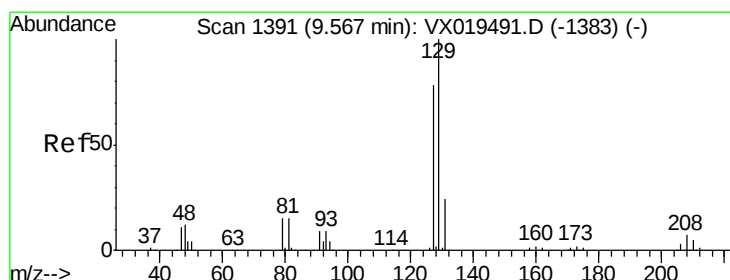
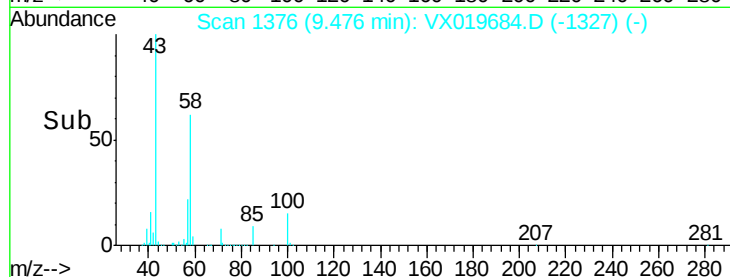
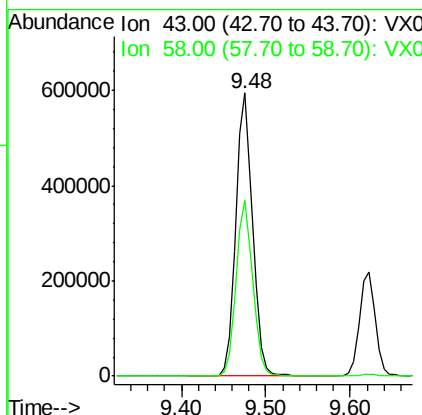
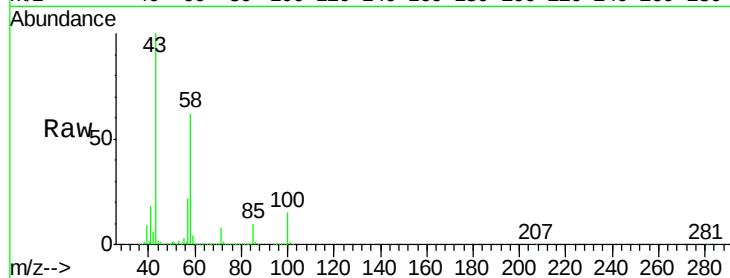
#59
2-Hexanone
Concen: 285.222 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.8	30.6	91.6

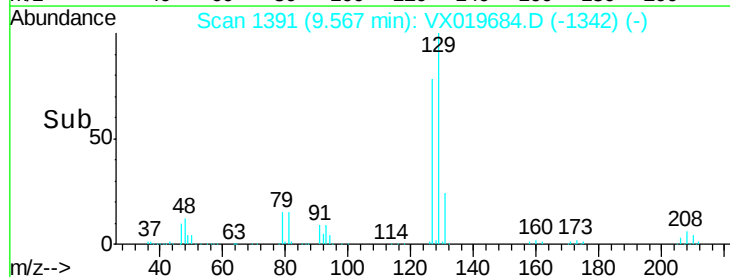
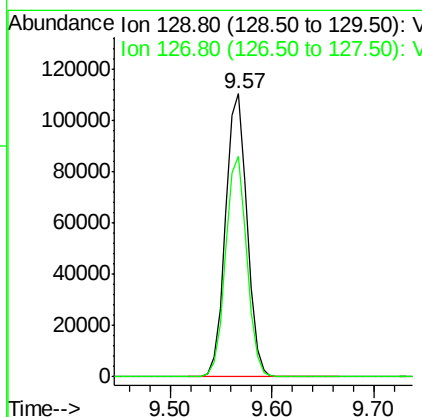
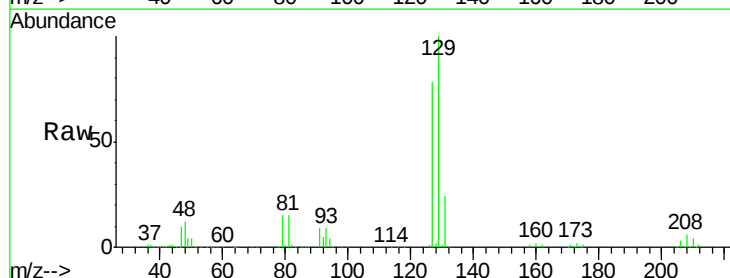
Manual Integrations
APPROVED

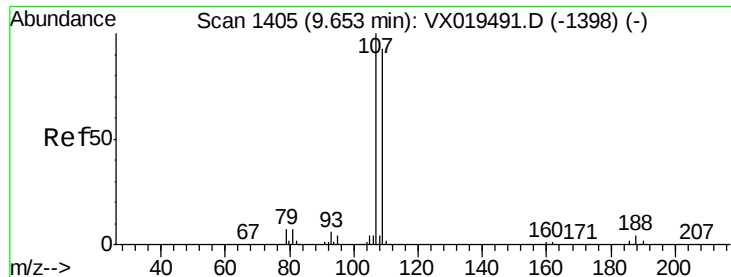
MMDadoda
12/1/2020 9:35:58 AM



#60
Dibromochloromethane
Concen: 53.406 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.9	39.0	116.9





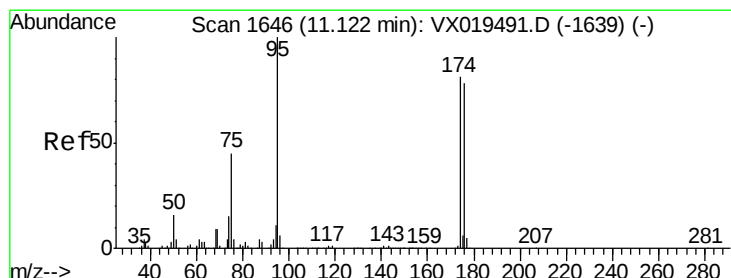
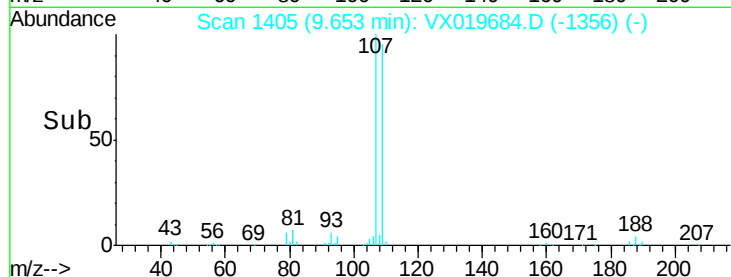
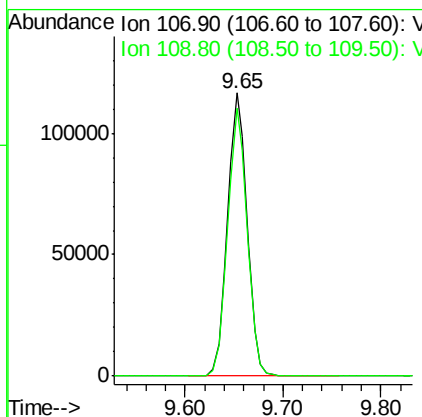
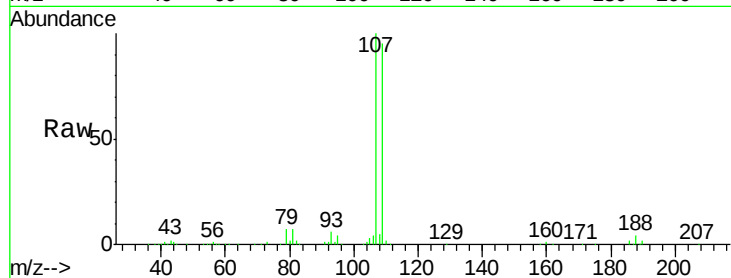
#61
1,2-Dibromoethane
Concen: 51.463 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	74.8	112.2

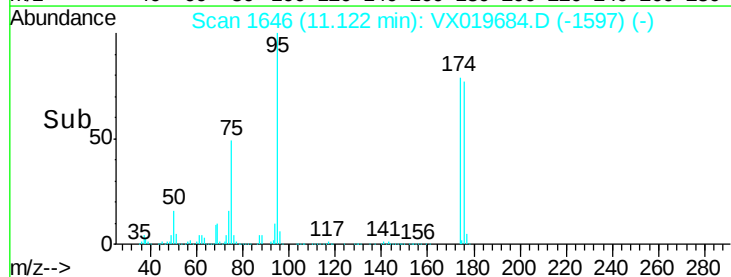
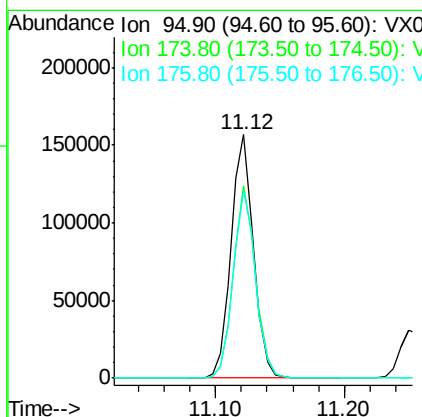
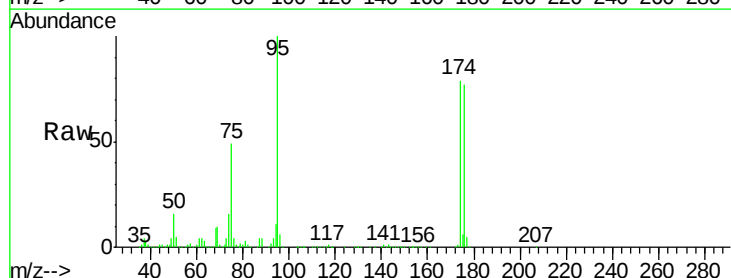
Manual Integrations
APPROVED

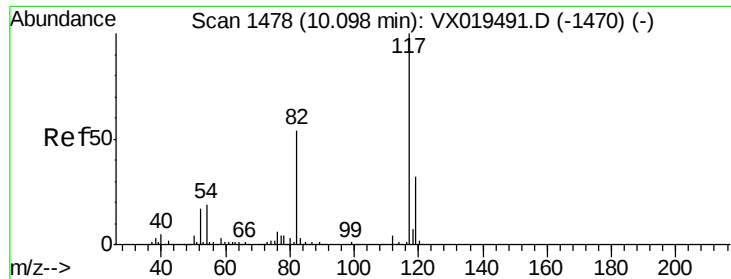
MMDadoda
12/1/2020 9:35:58 AM



#62
4-Bromofluorobenzene
Concen: 51.050 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	156.2
176	76.5	0.0	151.4





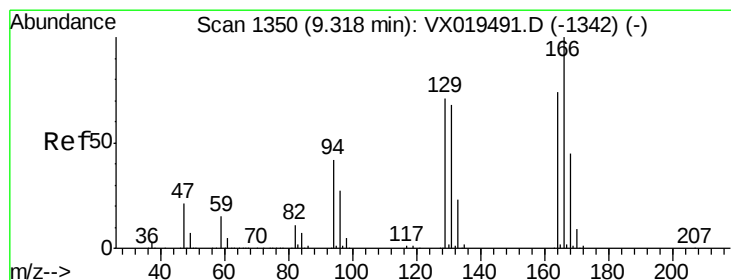
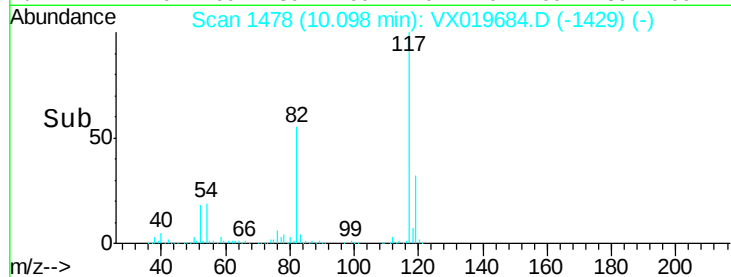
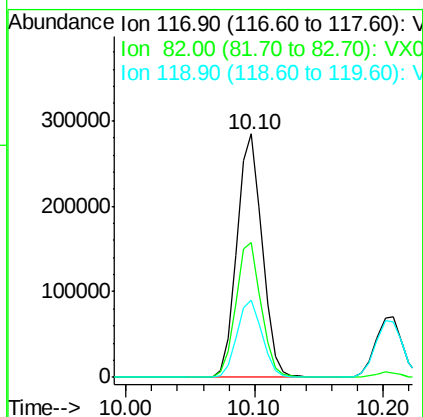
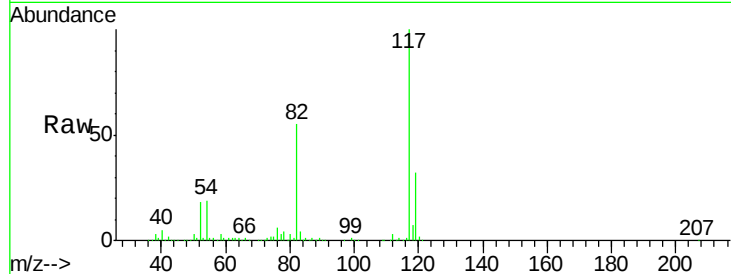
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.0	64.4
119	31.9	25.6	38.4

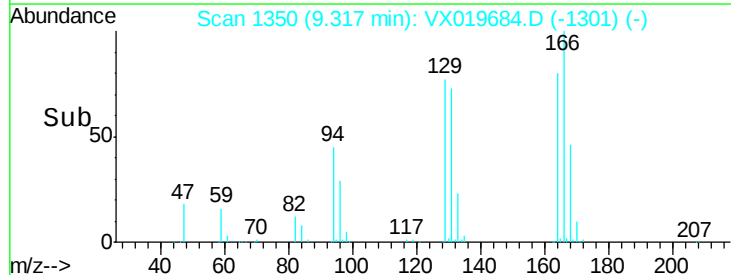
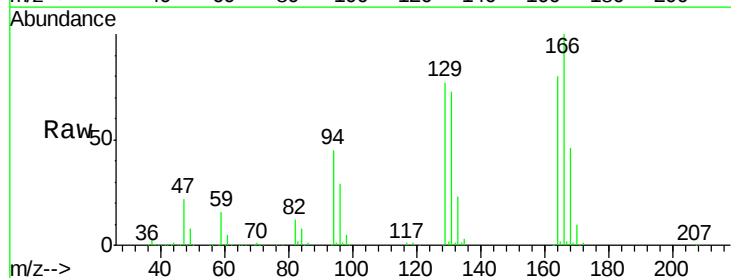
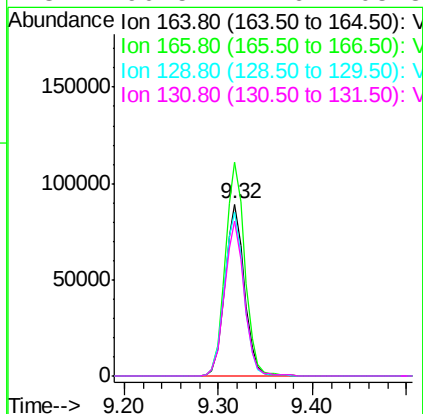
Manual Integrations
APPROVED

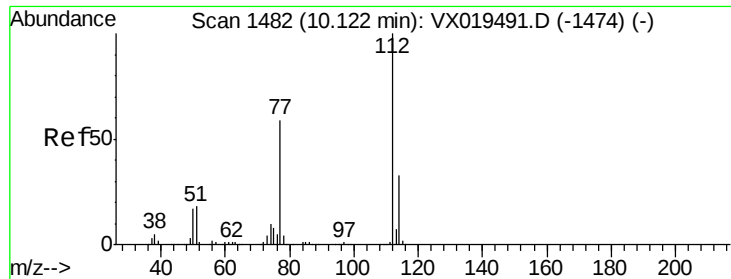
MMDadoda
12/1/2020 9:35:58 AM



#64
Tetrachloroethene
Concen: 41.556 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.4	107.4	161.0
129	95.3	76.6	114.8
131	90.5	72.6	108.8





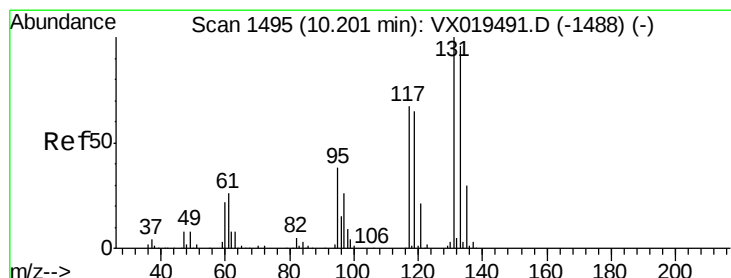
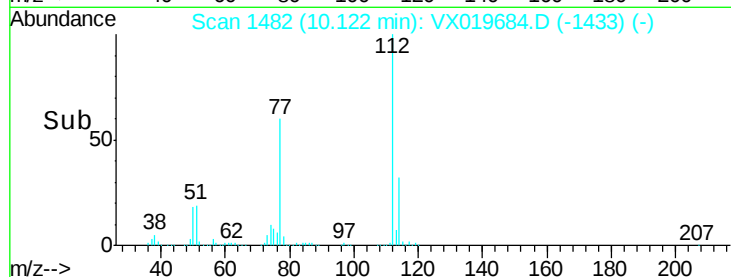
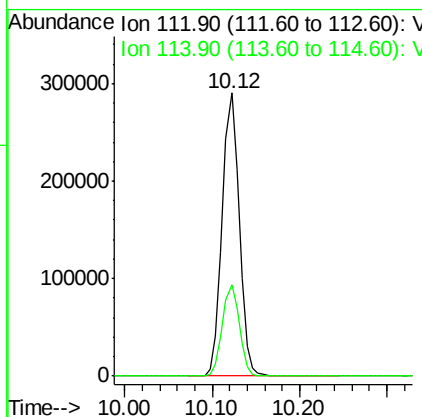
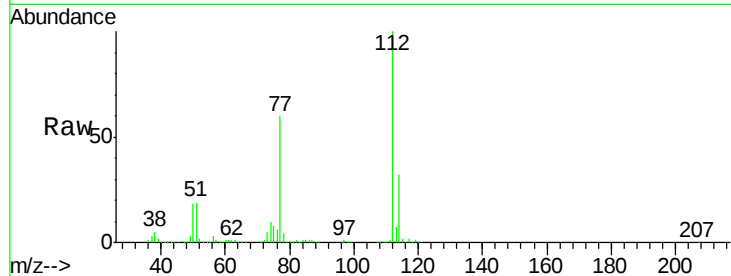
#65
Chlorobenzene
Concen: 49.118 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.0	39.0

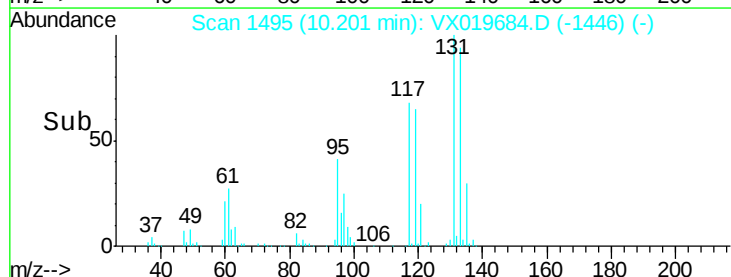
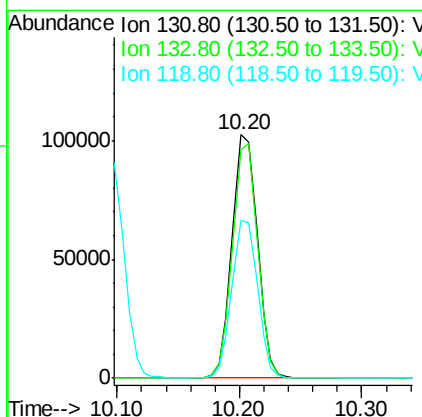
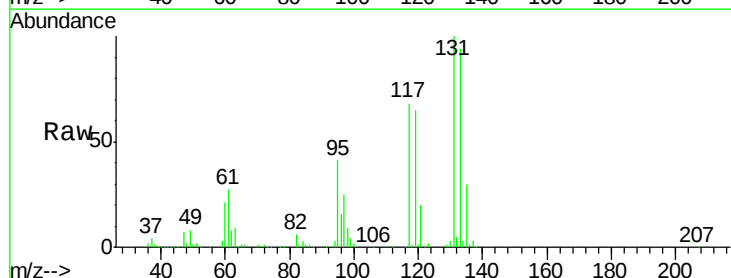
Manual Integrations
APPROVED

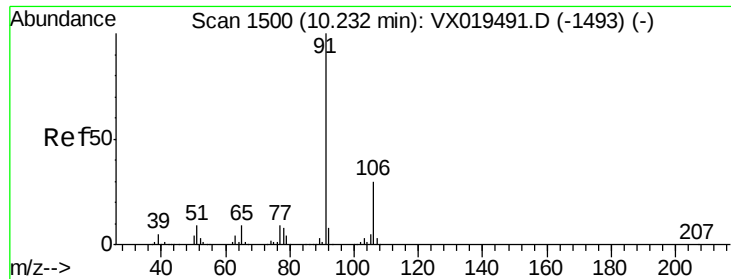
MMDadoda
12/1/2020 9:35:58 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.888 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.5	145.5
119	65.6	33.0	99.0





#67

Ethyl Benzene

Concen: 50.323 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 701512

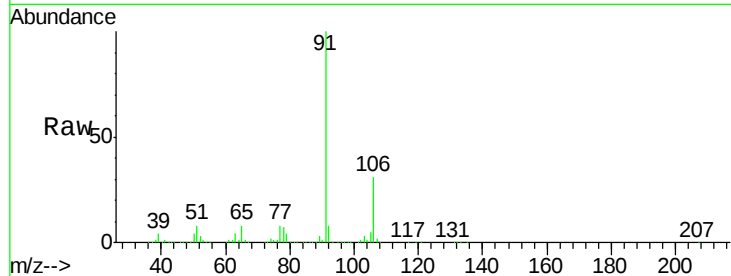
Ion Ratio Lower Upper

91 100

106 31.2 24.0 36.0

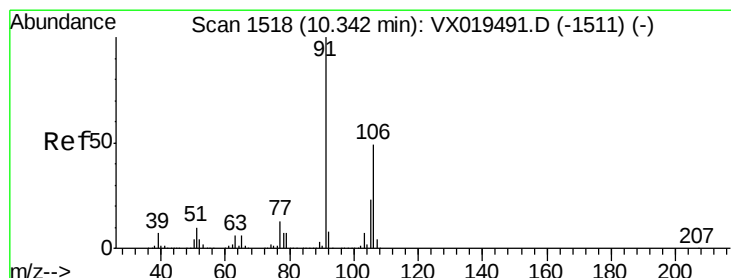
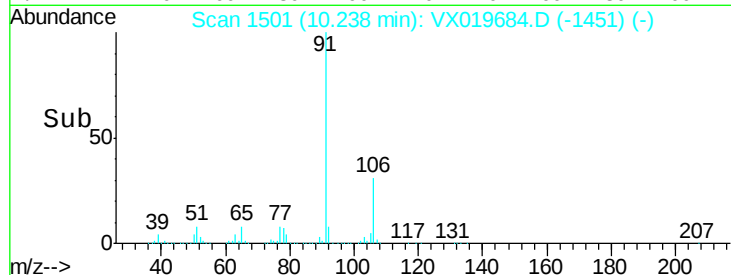
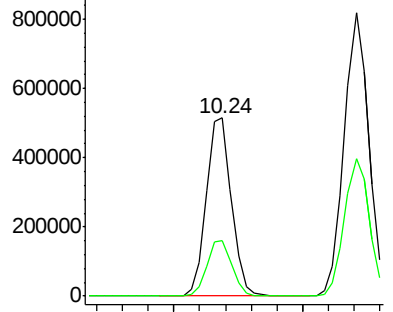
Manual Integrations
APPROVED

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Abundance Ion 91.00 (90.70 to 91.70): VX019491.D (-1493) (-)

Ion 106.00 (105.70 to 106.70): VX019491.D (-1493) (-)



#68

m/p-Xylenes

Concen: 102.433 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019684.D

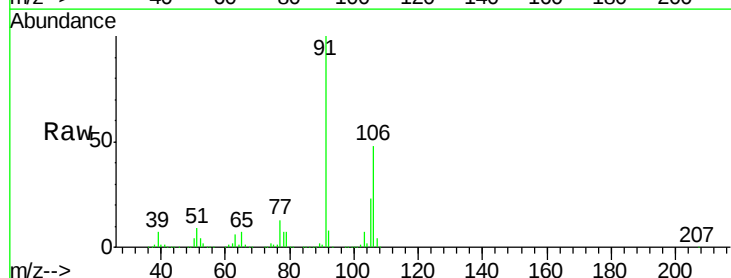
Acq: 30 Nov 2020 16:44

Tgt Ion: 106 Resp: 532001

Ion Ratio Lower Upper

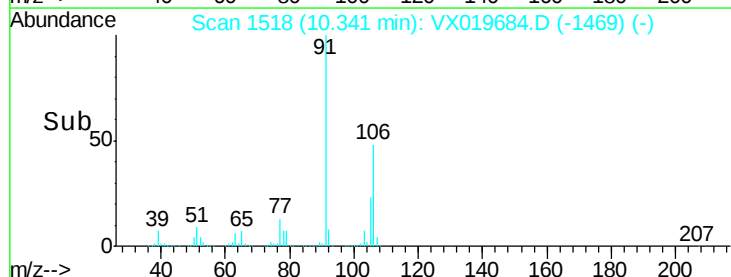
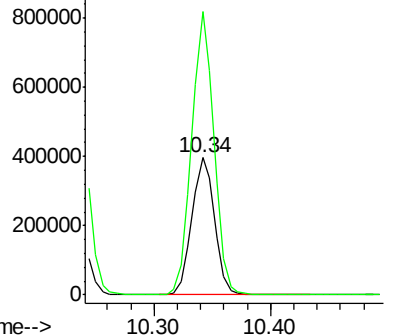
106 100

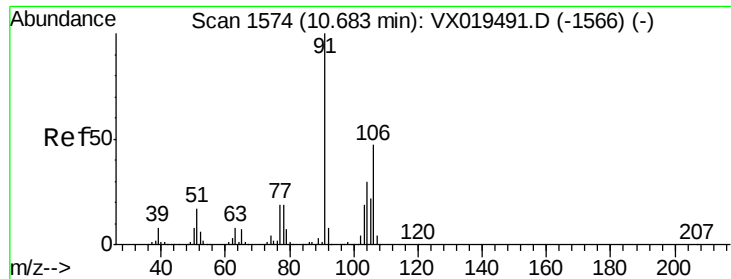
91 201.7 163.3 244.9



Abundance Ion 106.00 (105.70 to 106.70): VX019491.D (-1511) (-)

Ion 91.00 (90.70 to 91.70): VX019491.D (-1511) (-)





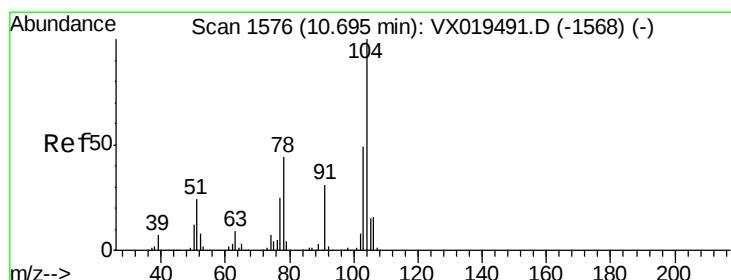
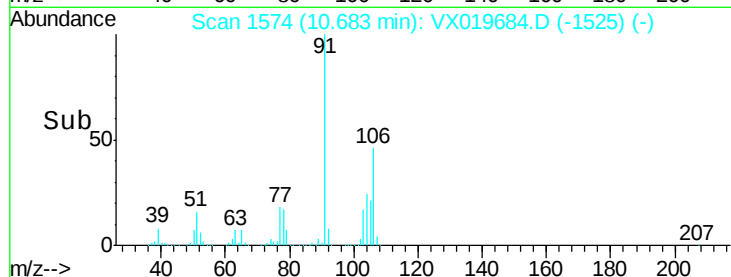
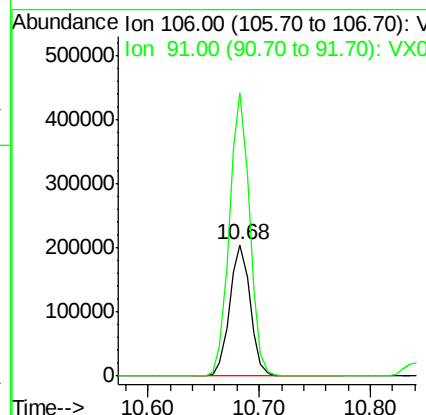
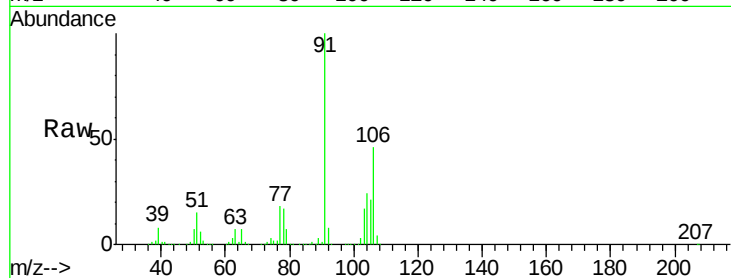
#69
o-Xylene
Concen: 52.639 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		261341		
91	212.9	108.0	324.0		

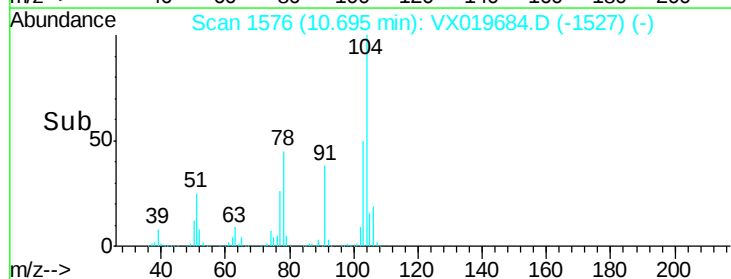
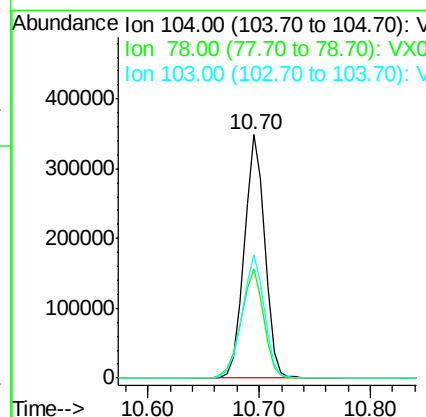
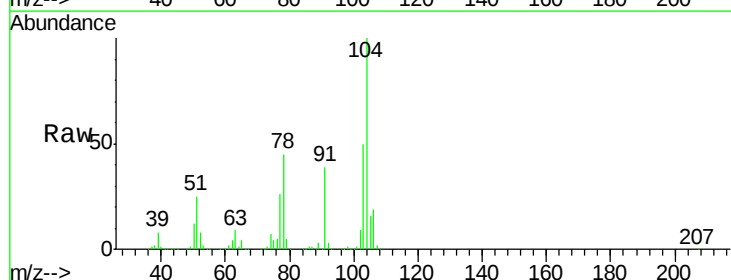
Manual Integrations
APPROVED

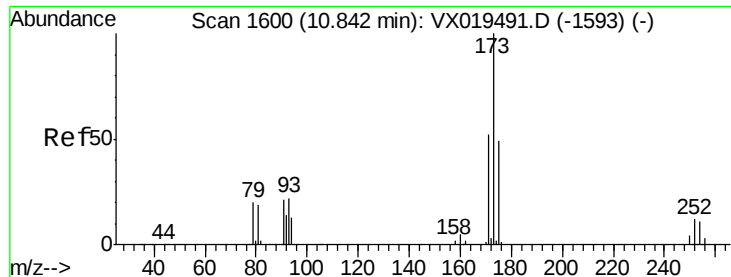
MMDadoda
12/1/2020 9:35:58 AM



#70
Styrene
Concen: 48.454 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		444817		
78	49.8	39.5	59.3		
103	54.5	43.6	65.4		





#71

Bromoform

Concen: 48.314 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

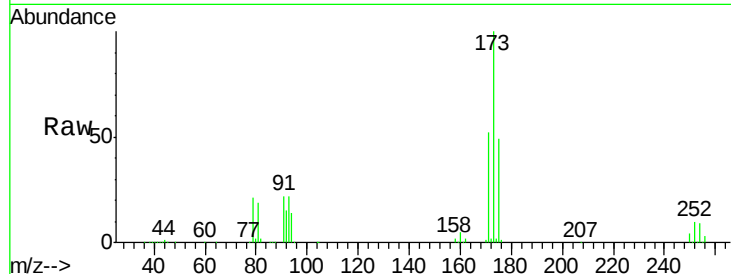
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.9	74.8
254	0.1	0.1	0.1#

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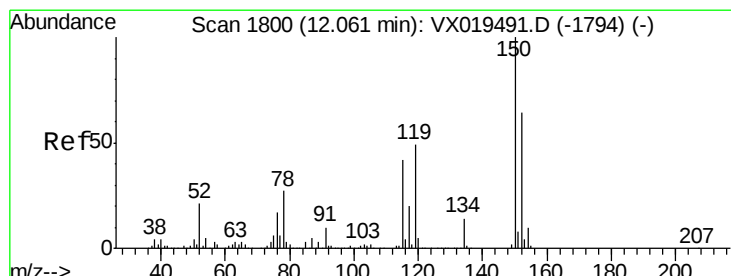
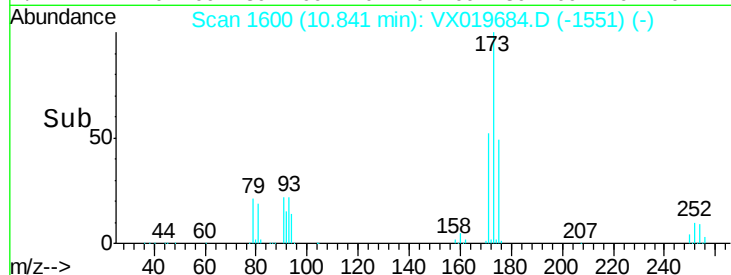
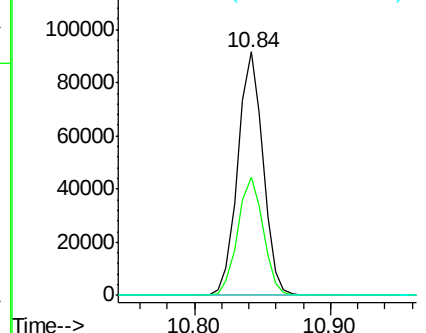


Abundance

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

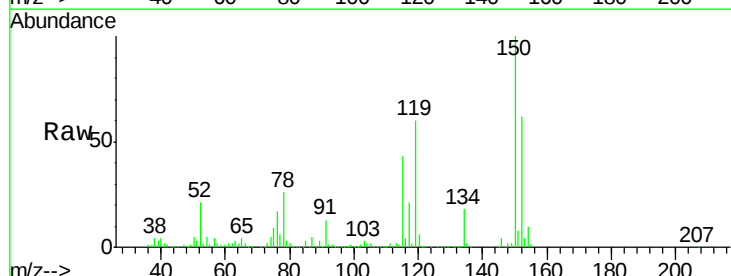
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.2	41.8	125.4
150	172.6	0.0	348.2

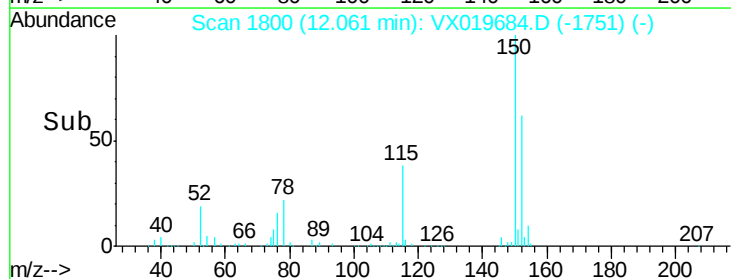
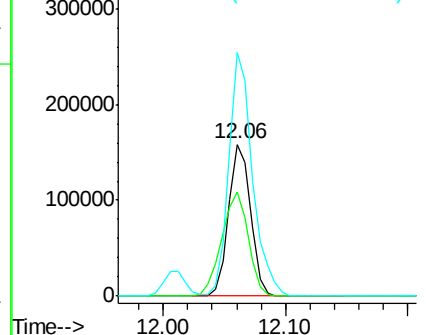


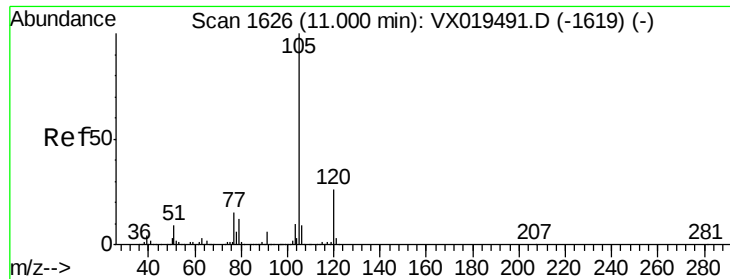
Abundance

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: 50.936 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 691778

Ion Ratio Lower Upper

105 100

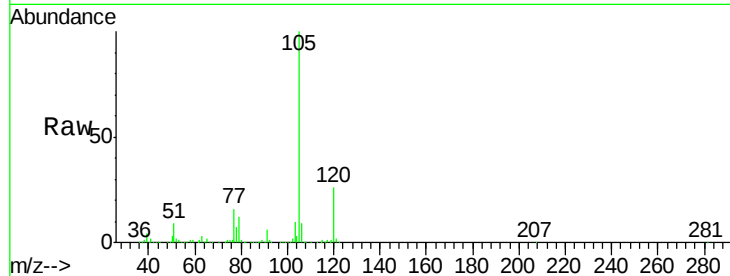
120 26.3 13.0 39.0

Manual Integrations

APPROVED

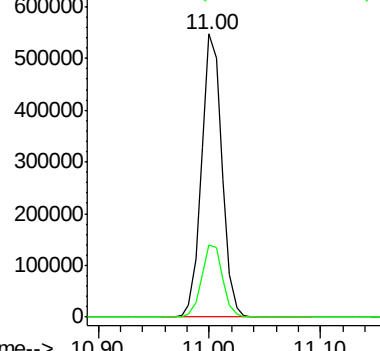
MMDadoda

12/1/2020 9:35:58 AM

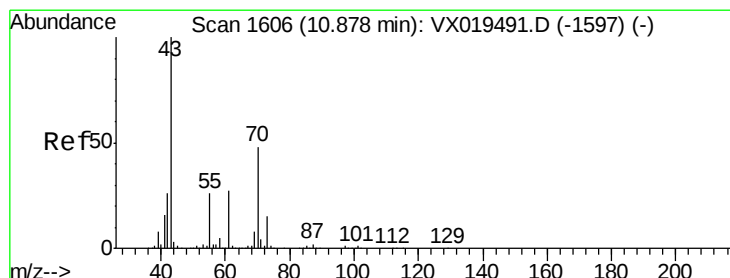
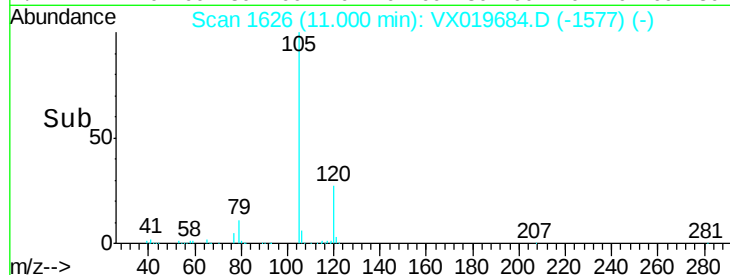


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 56.520 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Tgt Ion: 43 Resp: 287636

Ion Ratio Lower Upper

43 100

70 50.2 39.7 59.5

55 27.1 21.8 32.6

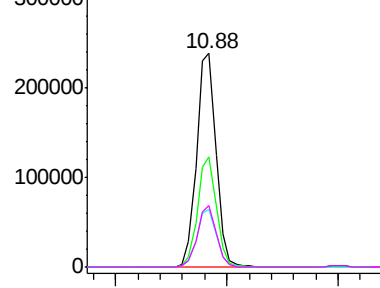
61 27.8 22.2 33.4

Abundance Ion 43.00 (42.70 to 43.70): VX0

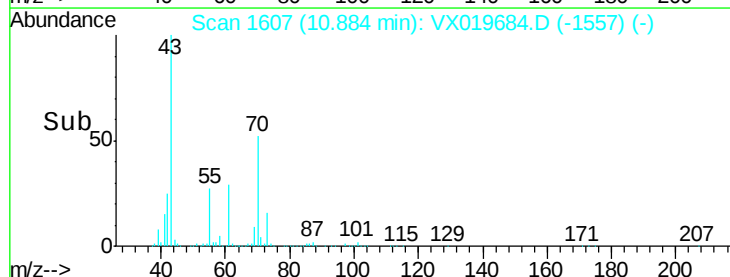
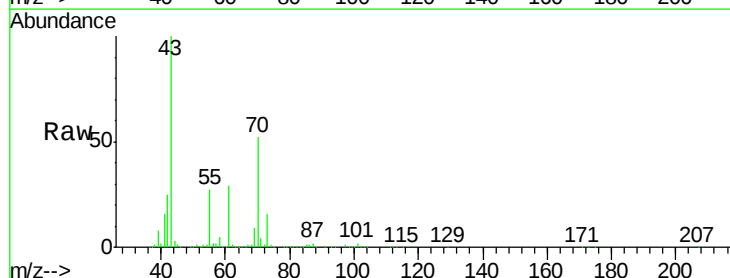
Ion 70.00 (69.70 to 70.70): VX0

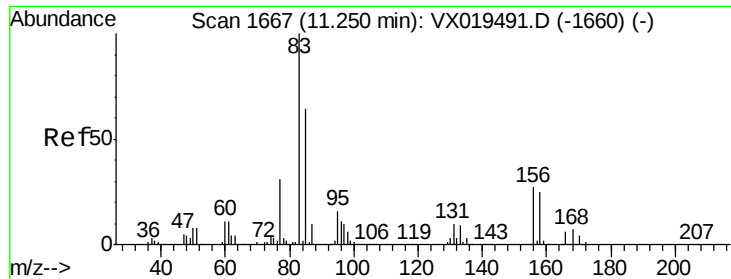
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 52.931 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

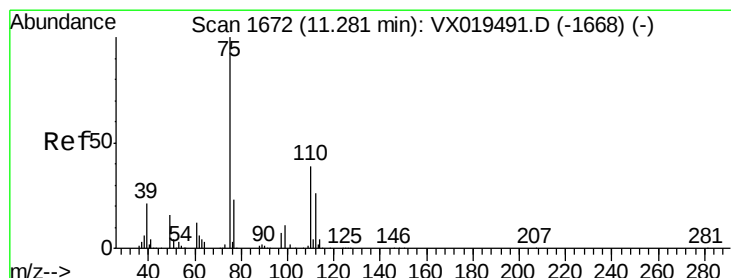
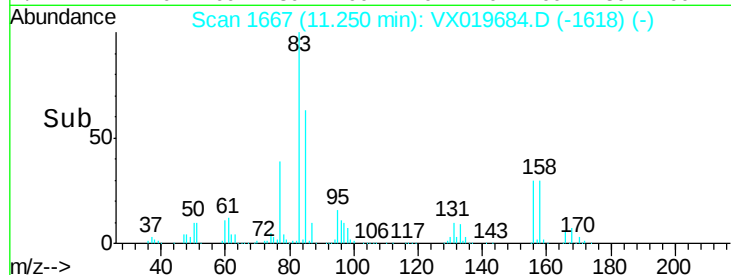
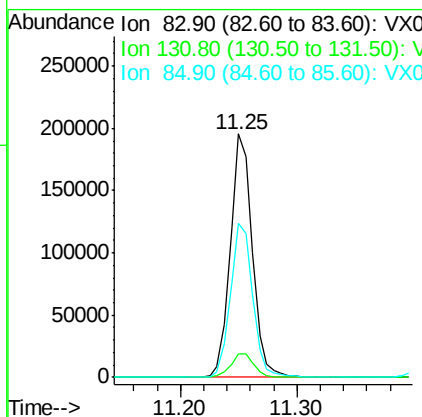
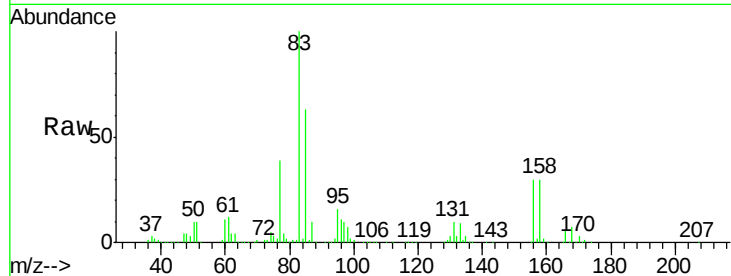
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	257071
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	15.0
85	64.5	32.4	97.2

Manual Integrations
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12/1/2020 9:35:58 AM



#76

1,2,3-Trichloropropane

Concen: 52.503 ug/l m

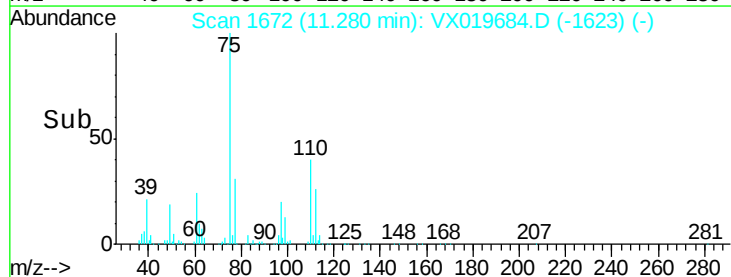
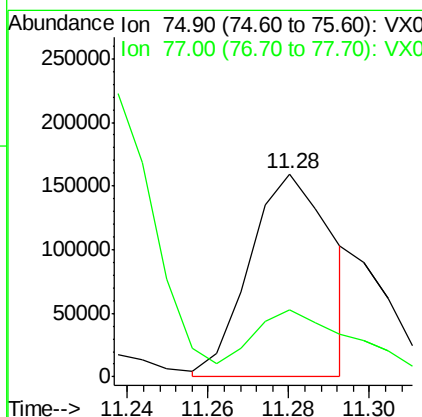
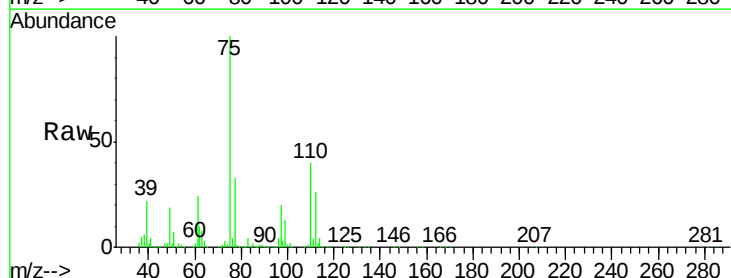
RT: 11.28 min Scan# 1672

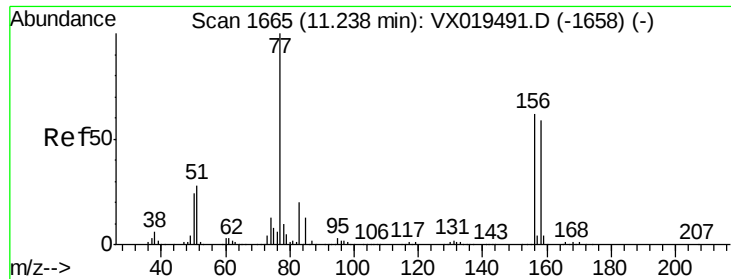
Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Tgt Ion:	75	Resp:	224946
Ion Ratio	Lower	Upper	
75	100		
77	41.2	20.0	60.0





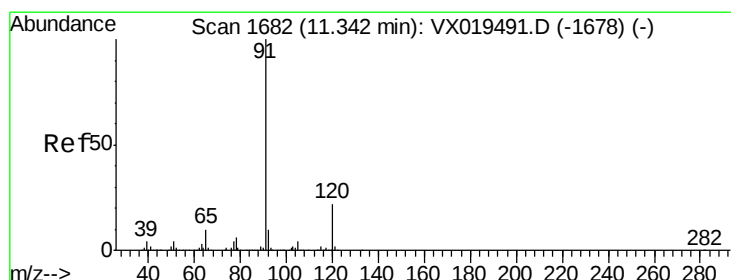
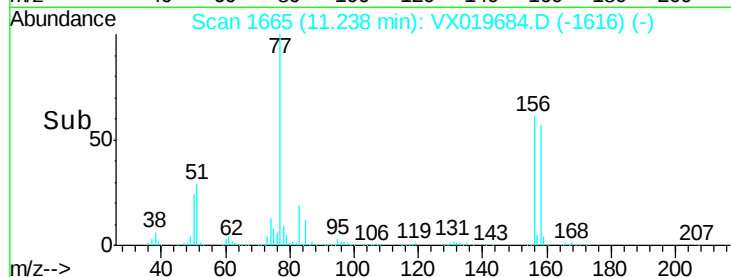
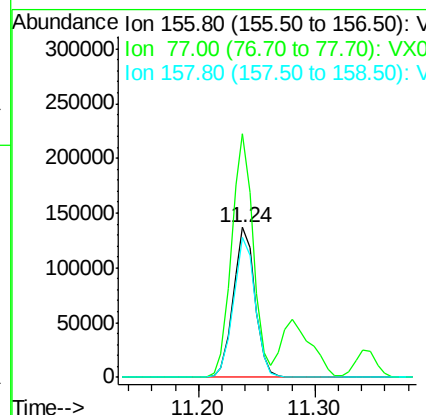
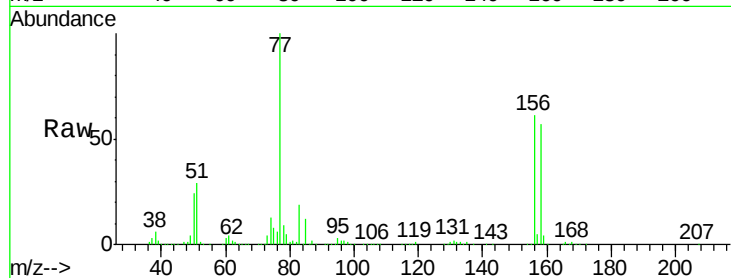
#77
Bromobenzene
Concen: 50.842 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	162.4	82.5	247.3
158	94.3	48.9	146.7

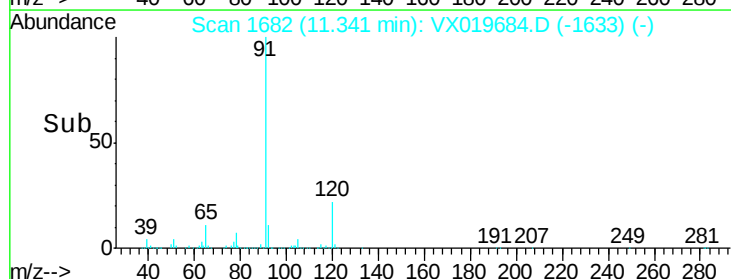
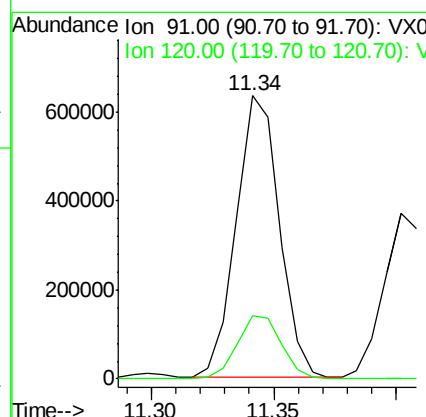
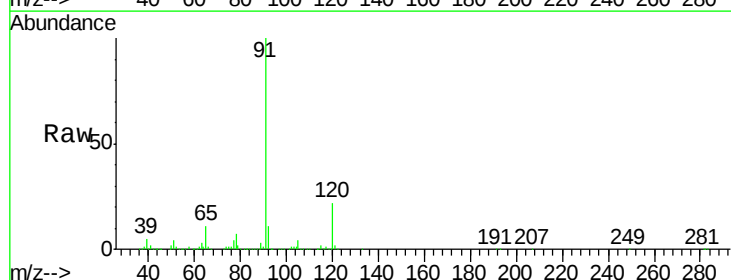
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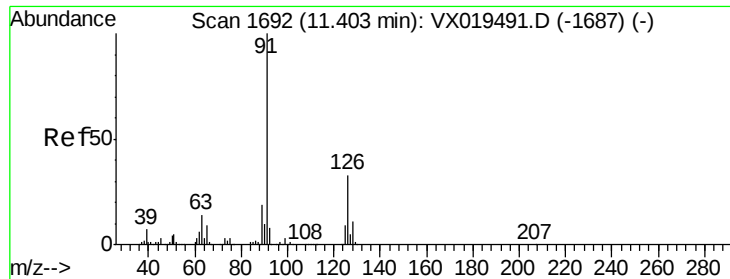
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#78
n-propylbenzene
Concen: 49.847 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.4





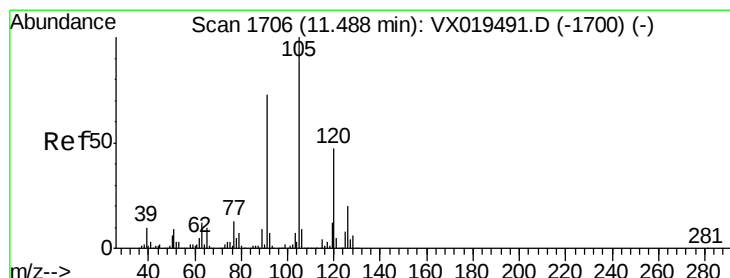
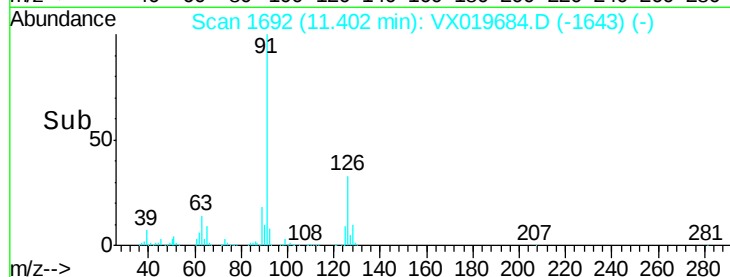
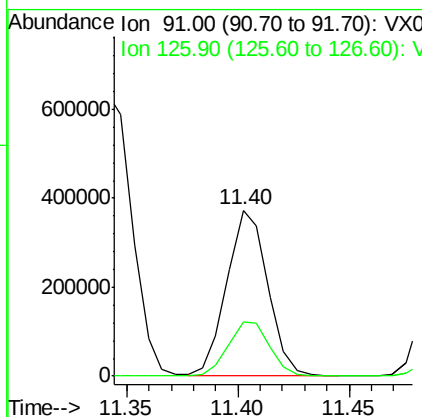
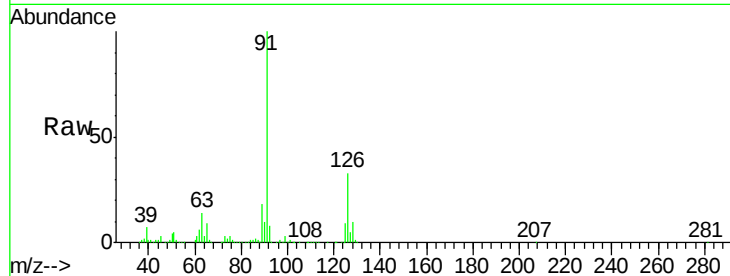
#79
 2-Chlorotoluene
 Concen: 50.168 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 474029
 Ion Ratio Lower Upper
 91 100
 126 34.0 16.7 50.0

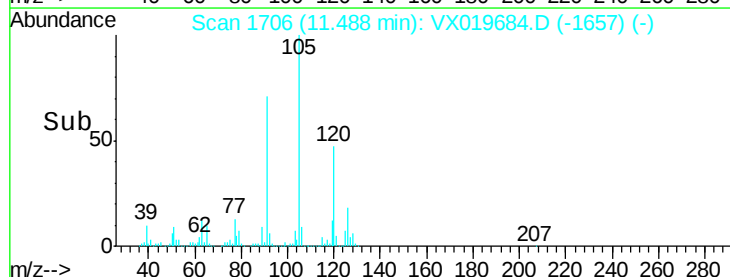
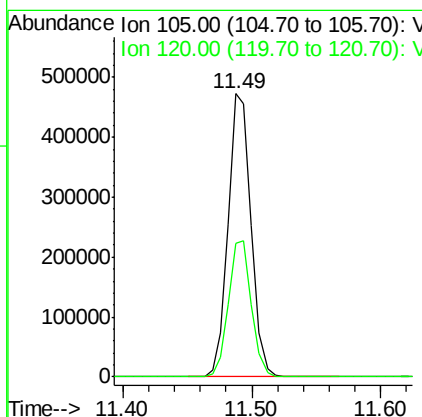
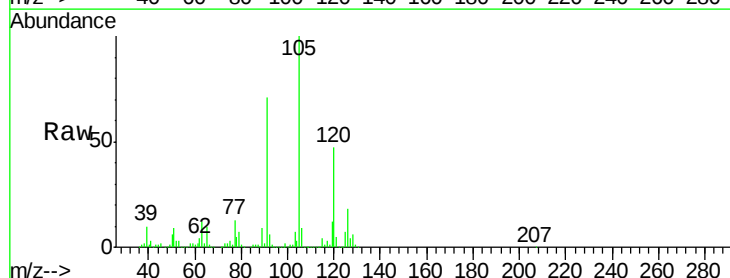
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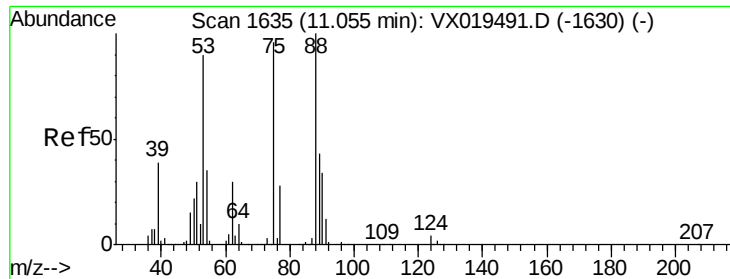
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.706 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion: 105 Resp: 589088
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.3





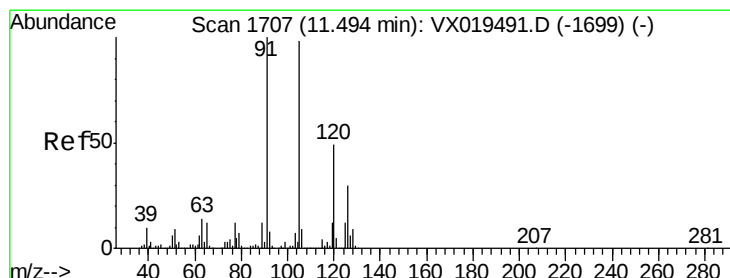
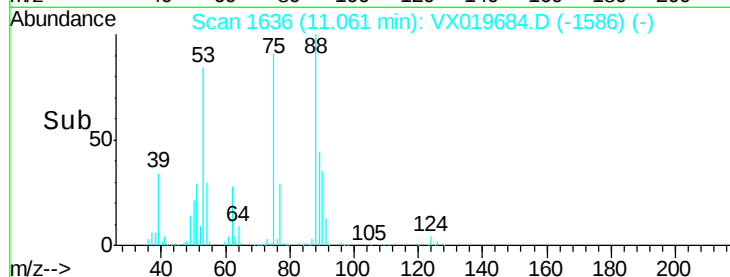
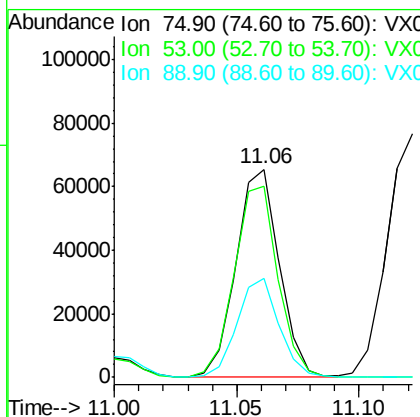
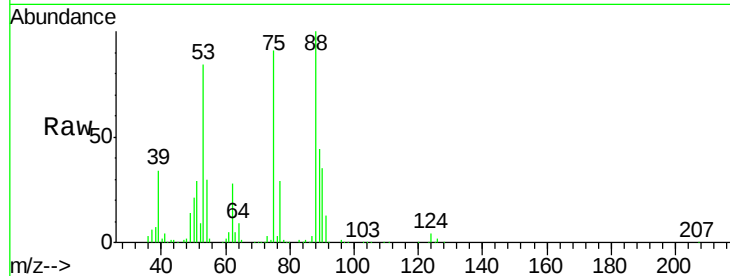
#81
trans-1,4-Dichloro-2-butene
Concen: 50.403 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.8	73.9	110.9
89	46.6	37.3	55.9

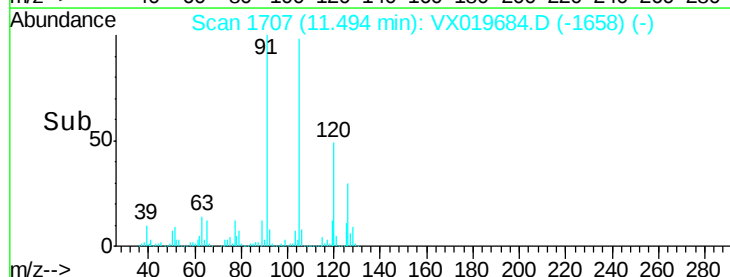
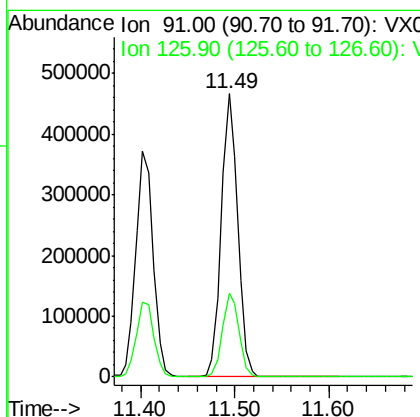
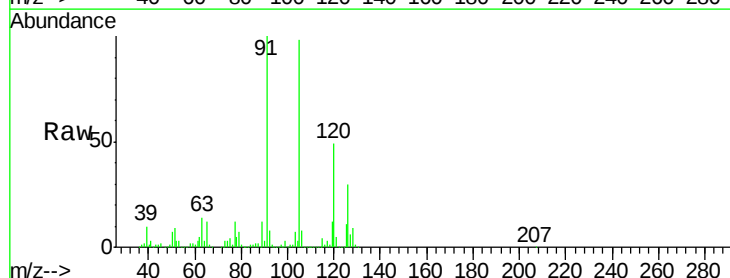
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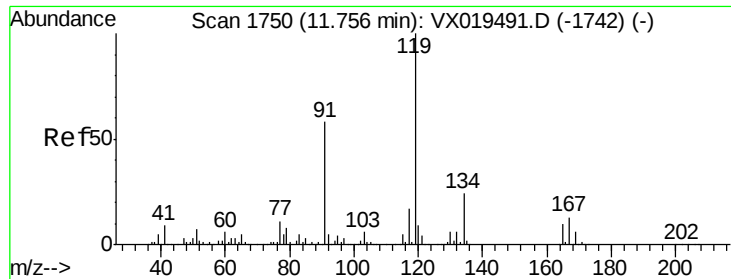
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#82
4-Chlorotoluene
Concen: 50.702 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.9	44.7





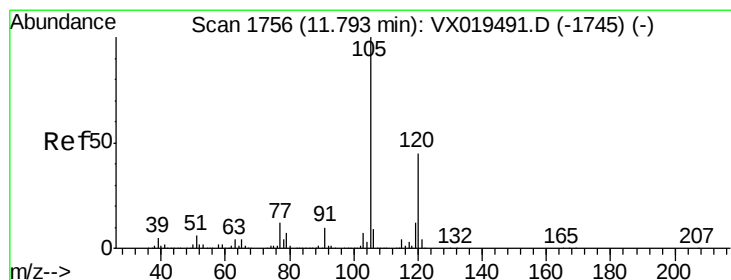
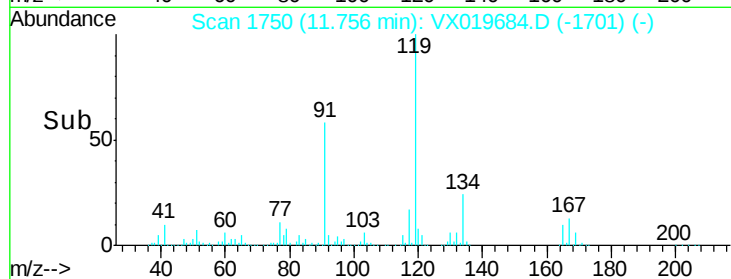
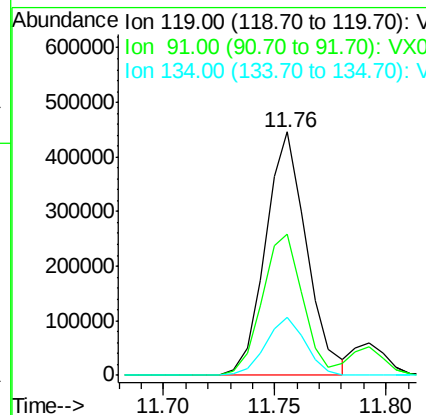
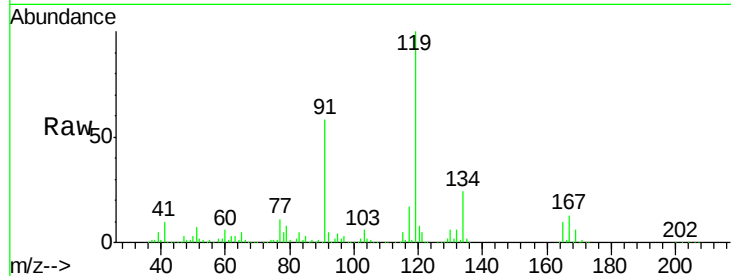
#83
 tert-Butylbenzene
 Concen: 51.709 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	569948		
91	57.1	28.9	86.8	
134	23.1	11.7	35.0	

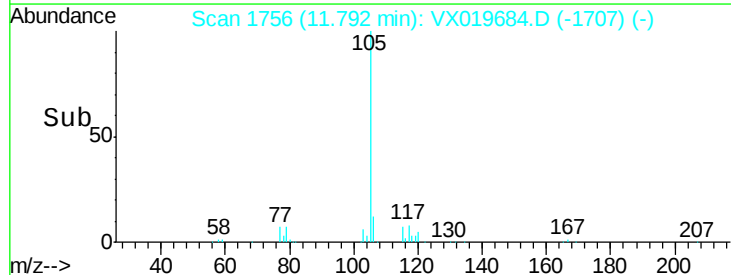
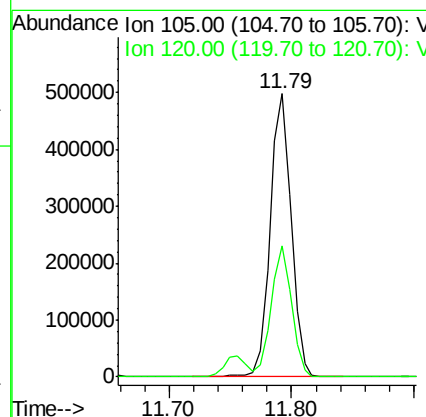
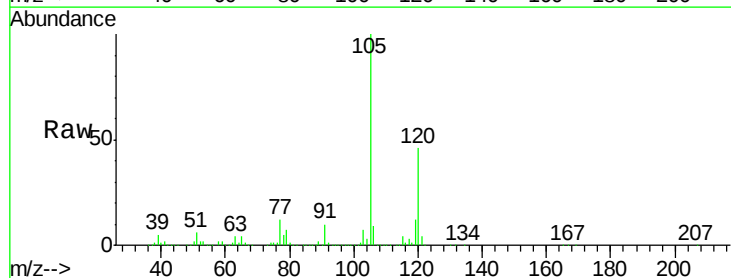
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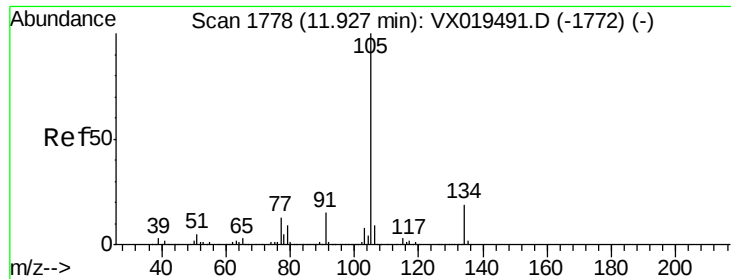
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.744 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	596482		
120	44.7	22.2	66.6	





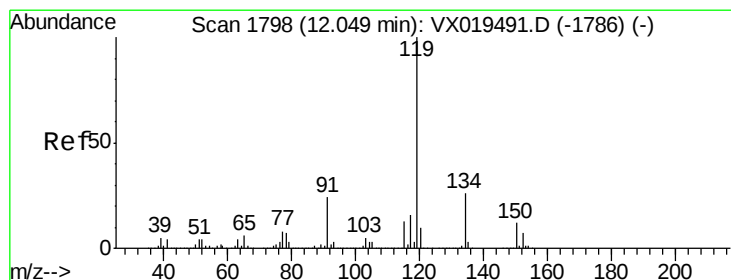
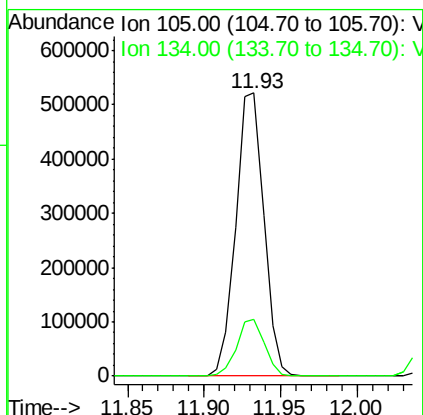
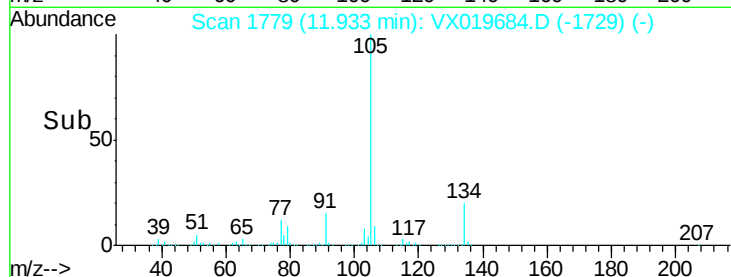
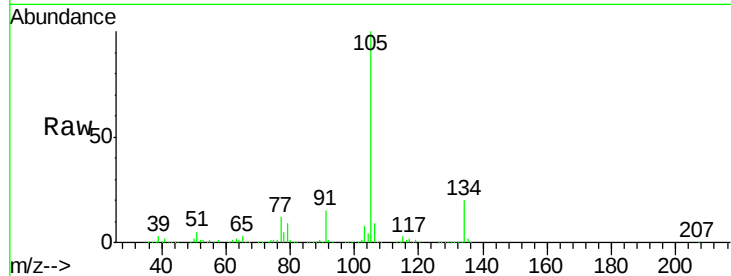
#85
 sec-Butylbenzene
 Concen: 50.595 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.1	30.3

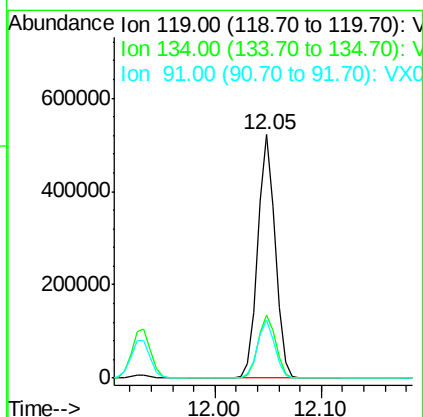
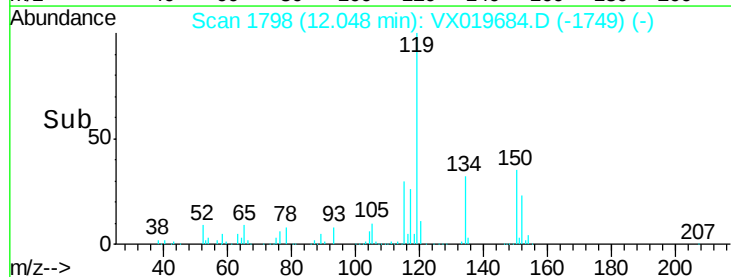
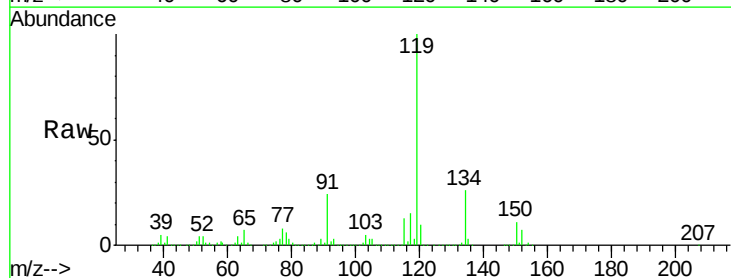
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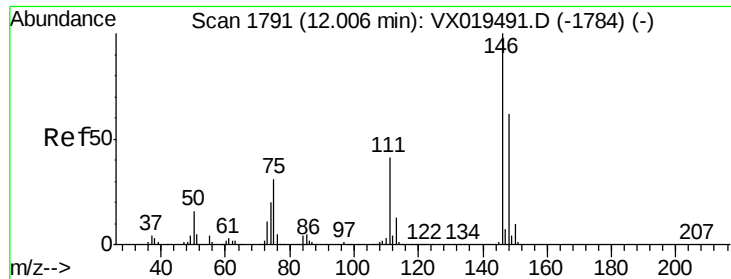
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#86
 p-Isopropyltoluene
 Concen: 50.456 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.1	39.3
91	23.7	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 49.918 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

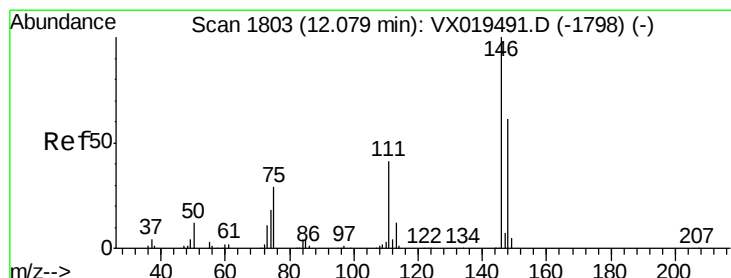
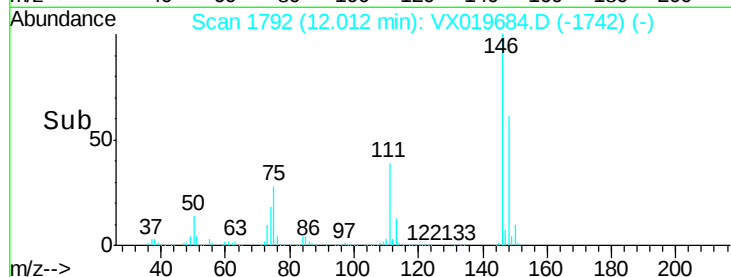
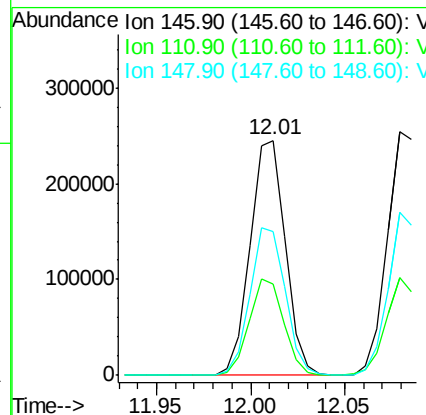
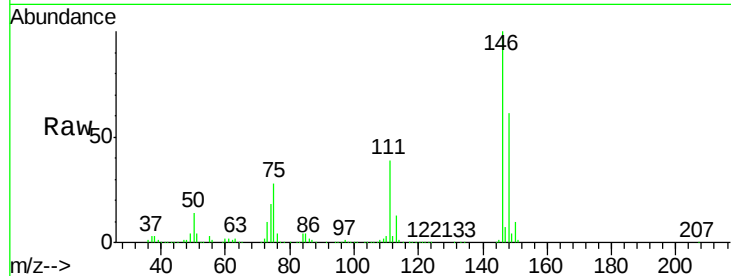
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	317839
Ion Ratio	Lower	Upper	
146	100		
111	40.4	20.2	60.6
148	63.0	31.4	94.2

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#88

1,4-Dichlorobenzene

Concen: 49.066 ug/l

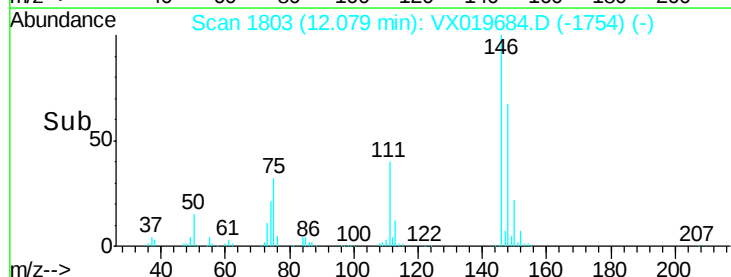
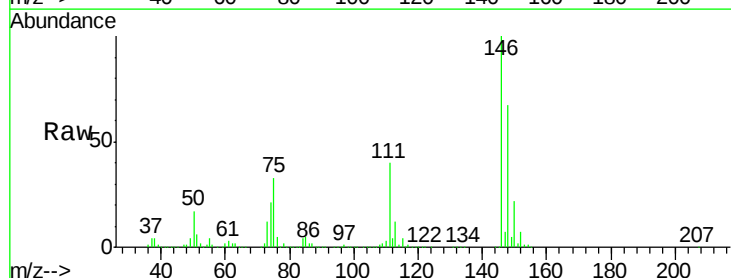
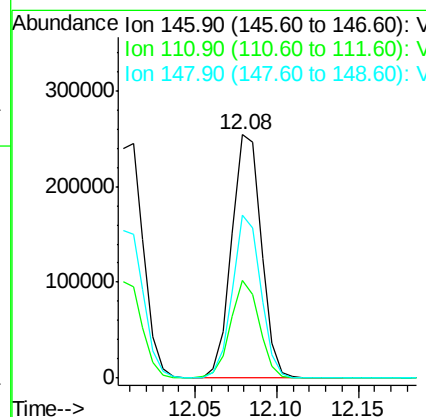
RT: 12.08 min Scan# 1803

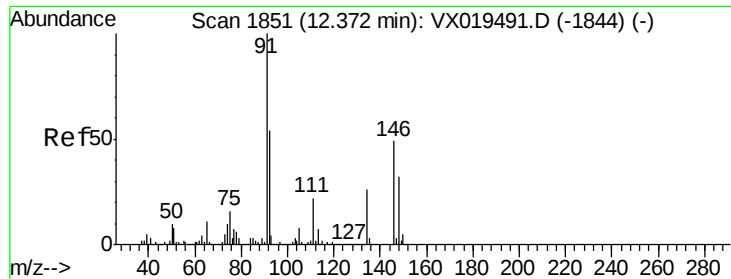
Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Tgt Ion:	146	Resp:	321805
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.9	59.6
148	63.9	31.7	95.1





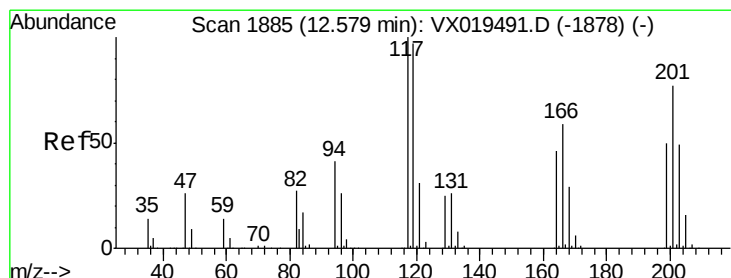
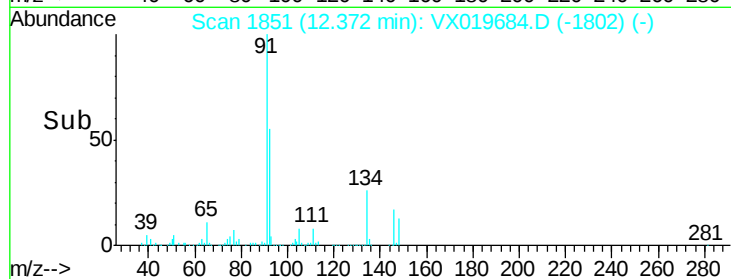
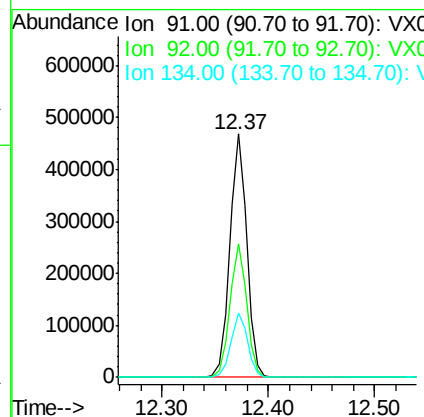
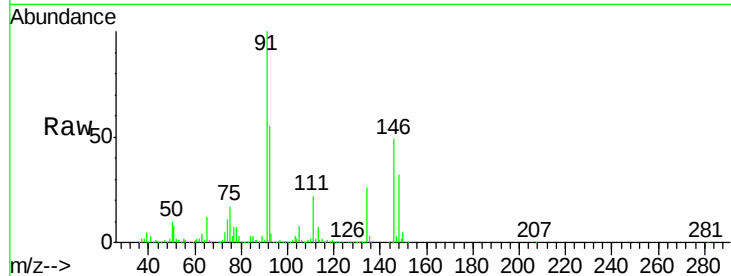
#89
n-Butylbenzene
Concen: 48.500 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	26.9	80.6
134	26.1	12.9	38.6

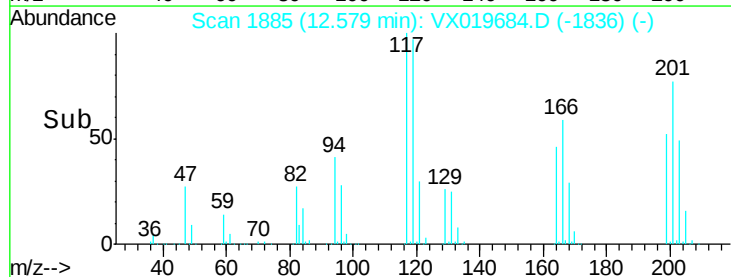
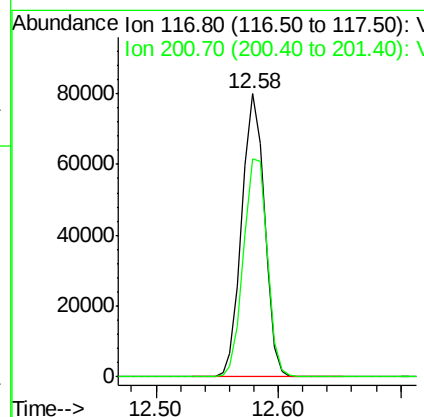
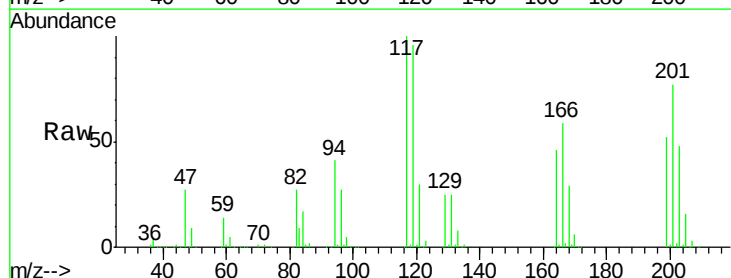
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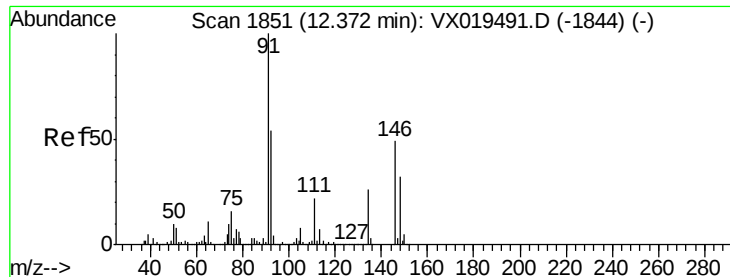
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#90
Hexachloroethane
Concen: 51.527 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.2	39.4	118.2





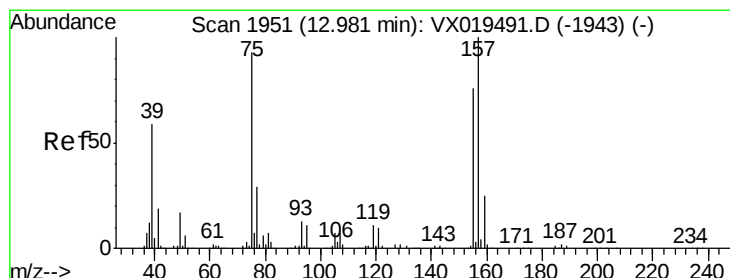
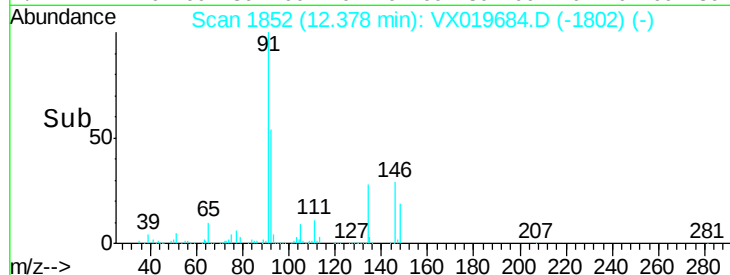
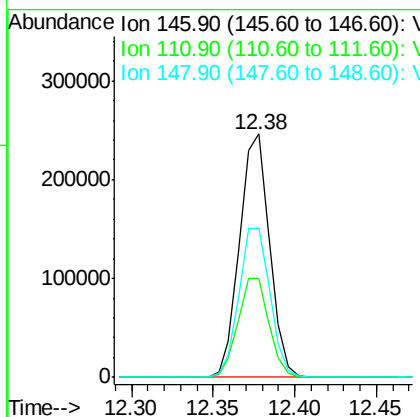
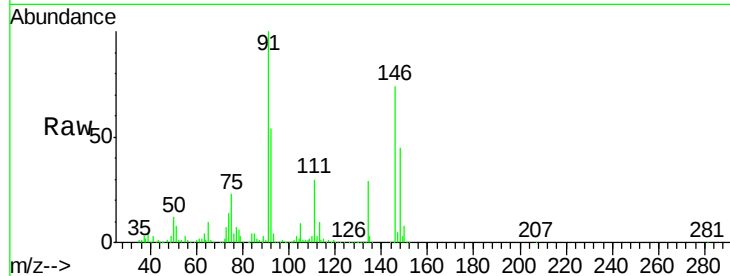
#91
 1,2-Dichlorobenzene
 Concen: 49.513 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.3
148	63.7	32.4	97.0

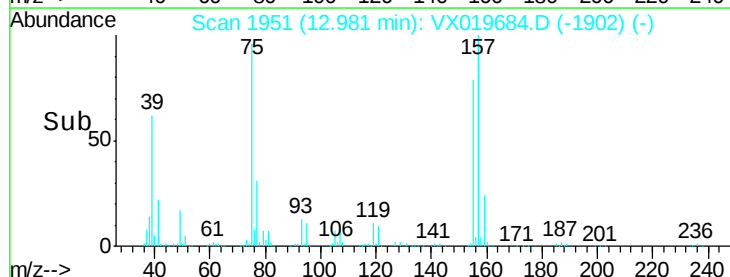
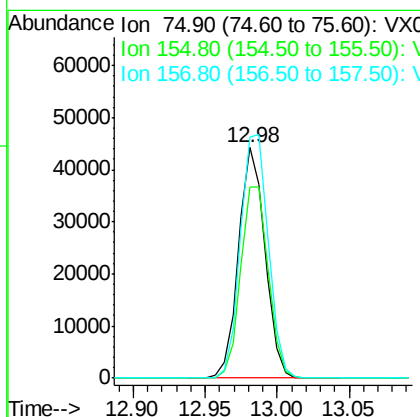
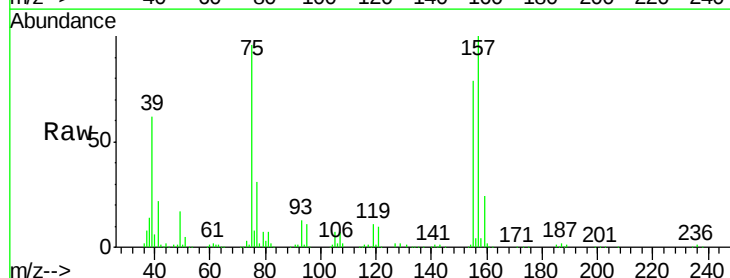
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.909 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	43.6	130.9
157	111.4	57.0	170.8





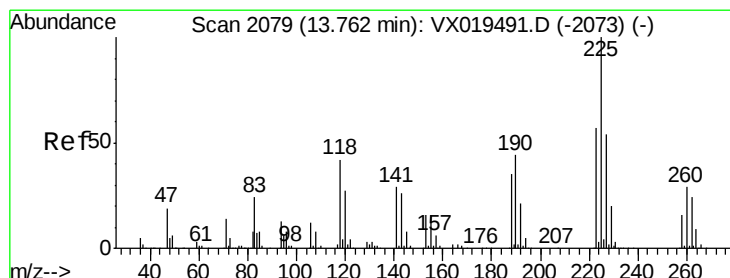
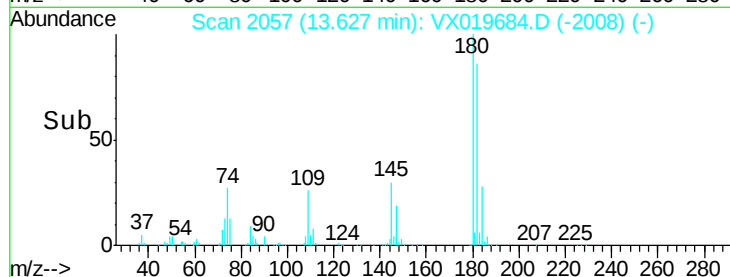
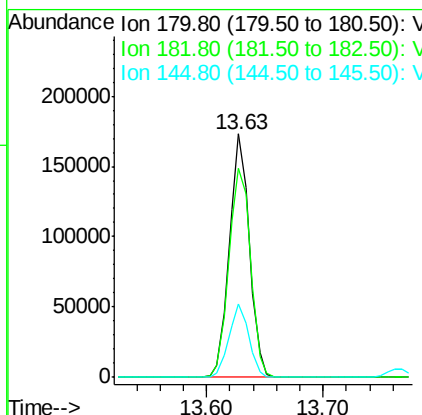
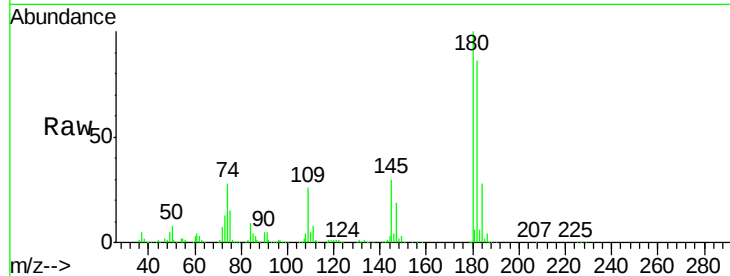
#93
 1,2,4-Trichlorobenzene
 Concen: 50.126 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	205802		
182	93.5	48.6	145.9	
145	30.1	15.9	47.7	

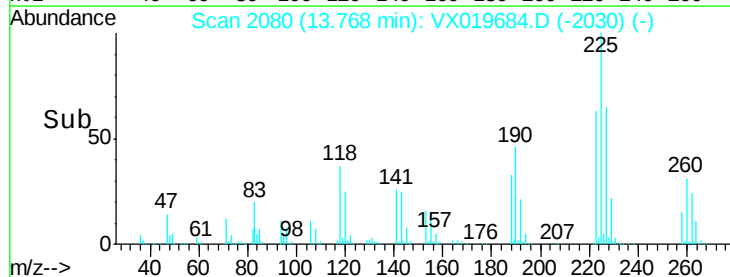
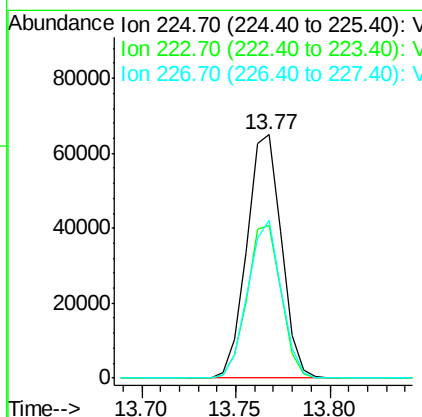
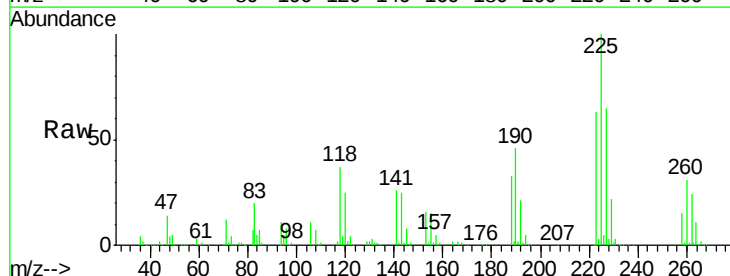
Manual Integrations
 APPROVED

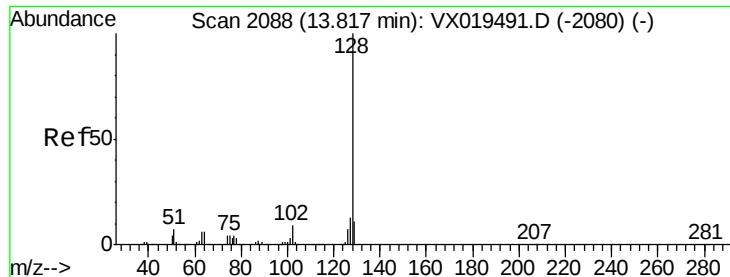
MMDadoda
 12/1/2020 9:35:58 AM



#94
 Hexachlorobutadiene
 Concen: 44.260 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	82781		
223	61.8	32.5	97.5	
227	62.7	32.8	98.3	





#95

Naphthalene

Concen: 49.620 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

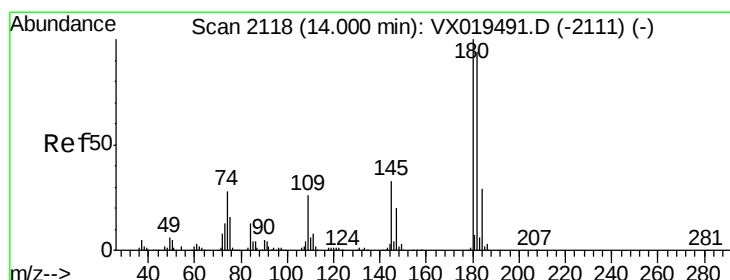
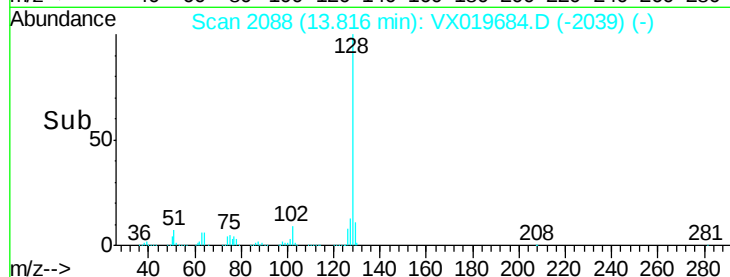
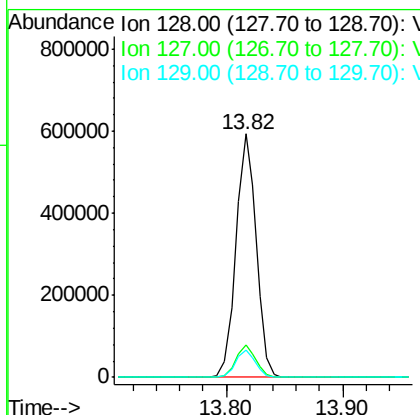
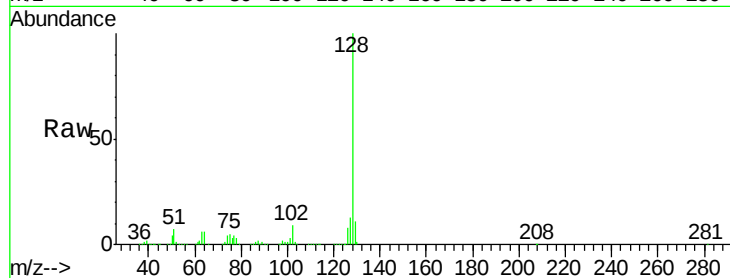
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	718293
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
12/1/2020 9:35:58 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.083 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Tgt Ion:	180	Resp:	201572
Ion Ratio	Lower	Upper	
180	100		
182	98.2	48.1	144.3
145	34.1	16.6	49.8

