

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112520\
 Data File : VX019647.D
 Acq On : 25 Nov 2020 10:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/30/2020 9:53:47 AM

Quant Time: Nov 26 05:32:04 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	5.62	168	274576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	451241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	404960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199115	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	176168	49.48	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.96%
35) Dibromofluoromethane	5.46	113	141058	49.80	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.60%
50) Toluene-d8	8.70	98	534544	48.57	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.14%
62) 4-Bromofluorobenzene	11.12	95	201193	50.81	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.62%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	130158	48.746	ug/l	100
3) Chloromethane	1.31	50	136474	44.541	ug/l	97
4) Vinyl Chloride	1.39	62	152694	46.294	ug/l	99
5) Bromomethane	1.62	94	60070	48.082	ug/l	100
6) Chloroethane	1.69	64	80105	104.289	ug/l	98
7) Trichlorofluoromethane	1.90	101	224967	47.256	ug/l	98
8) Diethyl Ether	2.17	74	95607	50.146	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	129331	48.696	ug/l	99
10) Methyl Iodide	2.48	142	170505	48.868	ug/l	99
11) Tert butyl alcohol	3.04	59	177137	262.911	ug/l	99
12) 1,1-Dichloroethene	2.35	96	128019	46.963	ug/l	97
13) Acrolein	2.27	56	90347	199.489	ug/l	100
14) Allyl chloride	2.70	41	208666	48.863	ug/l	99
15) Acrylonitrile	3.12	53	404152	254.352	ug/l	100
16) Acetone	2.42	43	382466	277.802	ug/l	99
17) Carbon Disulfide	2.54	76	329020	44.928	ug/l	100
18) Methyl Acetate	2.75	43	172043	50.953	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	496260	52.740	ug/l	99
20) Methylene Chloride	2.83	84	162989	47.366	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	150165	48.620	ug/l	96
22) Diisopropyl ether	3.82	45	450935	51.044	ug/l	95
23) Vinyl Acetate	3.78	43	1964149	265.066	ug/l	99
24) 1,1-Dichloroethane	3.67	63	266660	49.350	ug/l	99
25) 2-Butanone	4.64	43	535353	258.855	ug/l	99
26) 2,2-Dichloropropane	4.54	77	234001	49.614	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	177915	50.149	ug/l	100
28) Bromochloromethane	4.97	49	117776	45.589	ug/l	99
29) Tetrahydrofuran	5.09	42	326235	247.226	ug/l	99
30) Chloroform	5.17	83	281060	49.744	ug/l	100
31) Cyclohexane	5.54	56	221084	47.747	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	240300	49.511	ug/l	99
36) 1,1-Dichloropropene	5.76	75	205440	48.563	ug/l	100
37) Ethyl Acetate	4.79	43	202671	51.032	ug/l	99
38) Carbon Tetrachloride	5.75	117	201567	49.226	ug/l	97

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 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)
39) Methylcyclohexane	7.43	83	239754	48.674	ug/l	98
40) Benzene	6.10	78	630954	48.543	ug/l	100
41) Methacrylonitrile	5.00	41	108232	49.420	ug/l	97
42) 1,2-Dichloroethane	6.15	62	222985	50.052	ug/l	100
43) Isopropyl Acetate	6.41	43	335890	50.313	ug/l	99
44) Trichloroethene	7.18	130	167645	49.240	ug/l	98
45) 1,2-Dichloropropane	7.48	63	160532	50.169	ug/l	100
46) Dibromomethane	7.63	93	111092	50.726	ug/l	99
47) Bromodichloromethane	7.87	83	218241	51.354	ug/l	98
48) Methyl methacrylate	7.74	41	164502	52.614	ug/l	99
49) 1,4-Dioxane	7.71	88	74271	1046.222	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	994106	255.357	ug/l	99
52) Toluene	8.76	92	395703	49.765	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	244842	53.347	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	269006	52.815	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	164074	50.666	ug/l	99
56) Ethyl methacrylate	9.16	69	246054	53.697	ug/l	100
57) 1,3-Dichloropropane	9.35	76	277629	51.207	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	660683	246.064	ug/l	98
59) 2-Hexanone	9.47	43	755066	255.735	ug/l	99
60) Dibromochloromethane	9.56	129	165684	52.234	ug/l	100
61) 1,2-Dibromoethane	9.65	107	169890	50.895	ug/l	99
64) Tetrachloroethene	9.32	164	141555	44.469	ug/l	95
65) Chlorobenzene	10.12	112	410204	49.267	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	155165	51.235	ug/l	98
67) Ethyl Benzene	10.23	91	735678	50.437	ug/l	98
68) m/p-Xylenes	10.34	106	558763	102.823	ug/l	99
69) o-Xylene	10.68	106	266667	51.334	ug/l	100
70) Styrene	10.70	104	457193	47.627	ug/l	100
71) Bromoform	10.84	173	116668	45.802	ug/l #	99
73) Isopropylbenzene	11.00	105	722685	52.466	ug/l	100
74) N-amyl acetate	10.88	43	281403	54.520	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	247599	50.265	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	223346m	51.399	ug/l	
77) Bromobenzene	11.24	156	174427	49.605	ug/l	97
78) n-propylbenzene	11.34	91	817282	51.721	ug/l	100
79) 2-Chlorotoluene	11.40	91	489134	51.041	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	603764	52.251	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	79229	49.310	ug/l	99
82) 4-Chlorotoluene	11.49	91	583923	51.760	ug/l	99
83) tert-Butylbenzene	11.76	119	595701	53.288	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	613403	52.466	ug/l	99
85) sec-Butylbenzene	11.93	105	683741	51.413	ug/l	100
86) p-Isopropyltoluene	12.05	119	631125	52.269	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	323040	50.023	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	325739	48.969	ug/l	98
89) n-Butylbenzene	12.37	91	550512	50.432	ug/l	99
90) Hexachloroethane	12.58	117	104501	51.721	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	317291	48.919	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52136	51.881	ug/l	98

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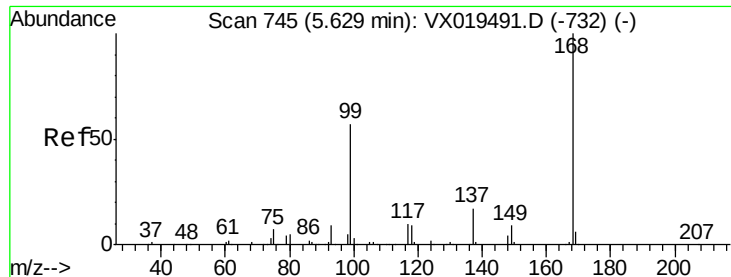
Manual Integrations
APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	214717	51.564	ug/l	98
94) Hexachlorobutadiene	13.76	225	90487	47.702	ug/l	96
95) Naphthalene	13.82	128	718076	48.941	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	214769	51.563	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 274576

Ion Ratio Lower Upper

168 100

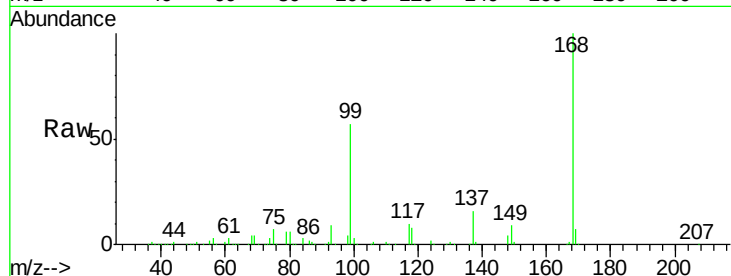
99 56.7 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

60000

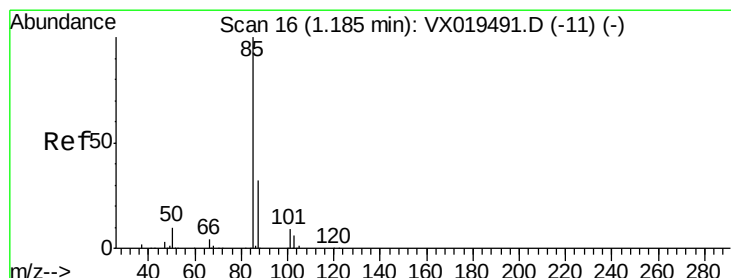
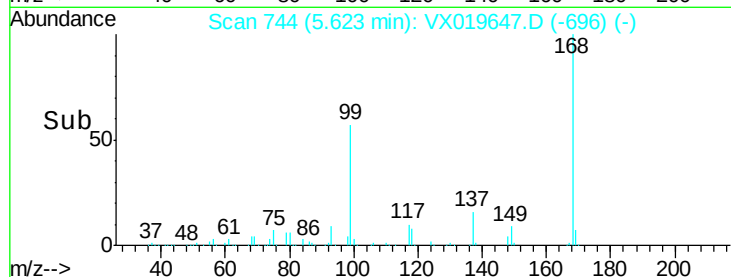
40000

20000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 48.746 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019647.D

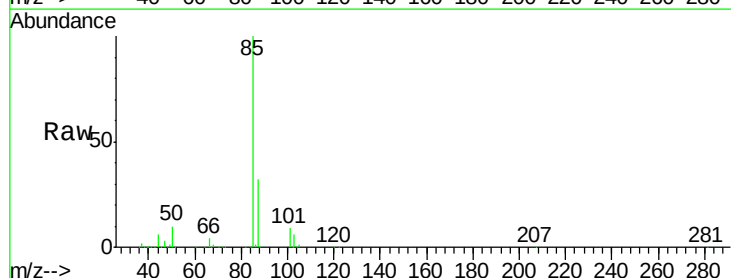
Acq: 25 Nov 2020 10:05

Tgt Ion: 85 Resp: 130158

Ion Ratio Lower Upper

85 100

87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

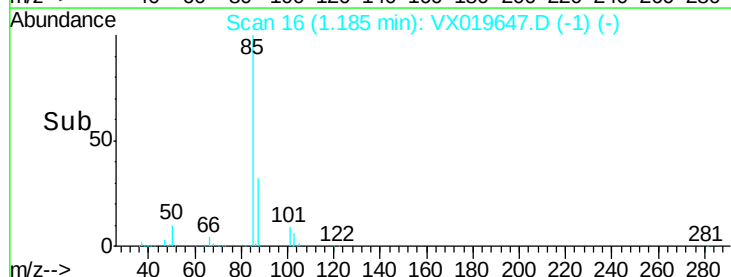
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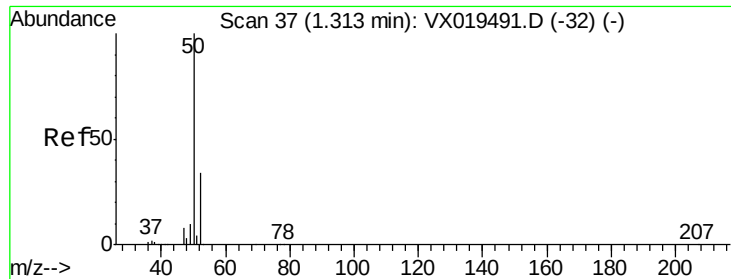
50000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 44.541 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 136474

Ion Ratio Lower Upper

50 100

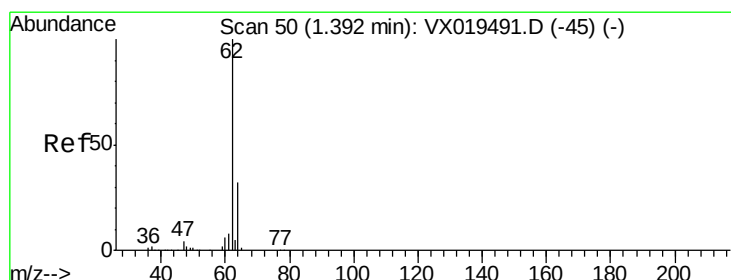
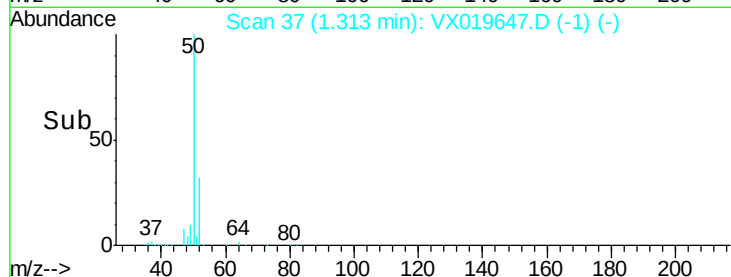
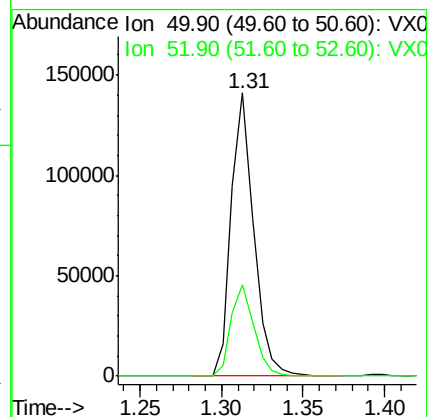
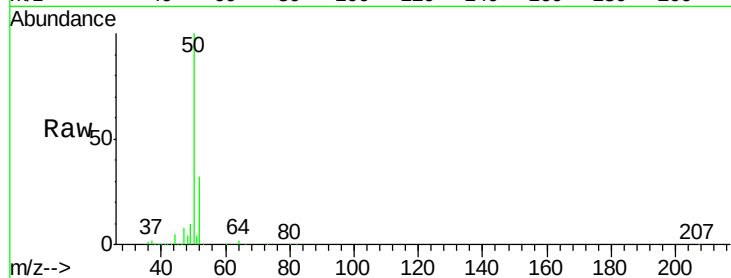
52 32.3 27.0 40.6

Manual Integrations

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11/30/2020 9:53:47 AM



#4

Vinyl Chloride

Concen: 46.294 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019647.D

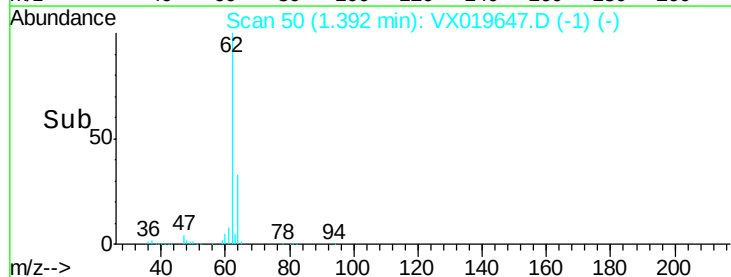
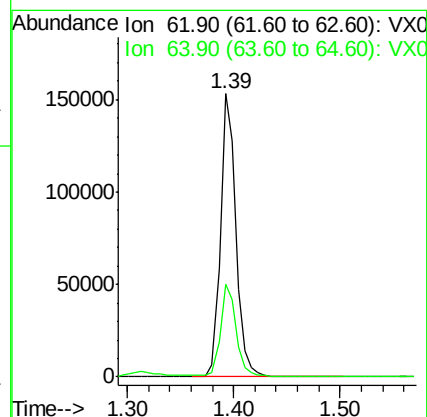
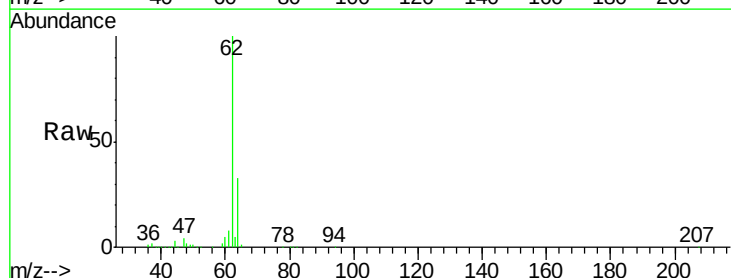
Acq: 25 Nov 2020 10:05

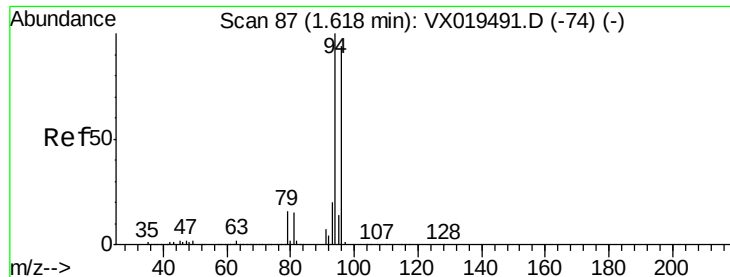
Tgt Ion: 62 Resp: 152694

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.2





#5

Bromomethane

Concen: 48.082 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 60070

Ion Ratio Lower Upper

94 100

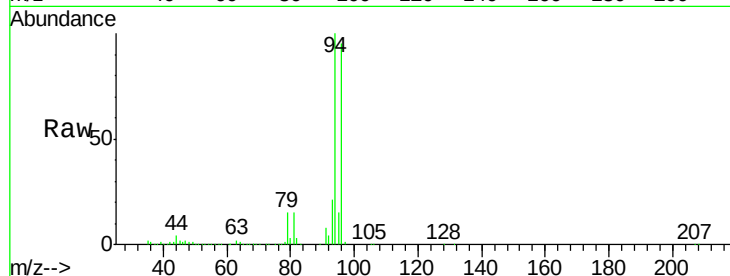
96 94.8 75.6 113.4

Manual Integrations

APPROVED

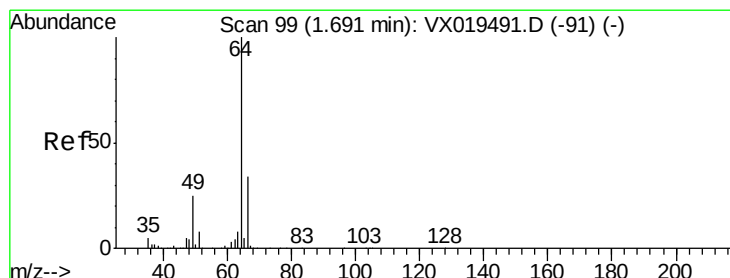
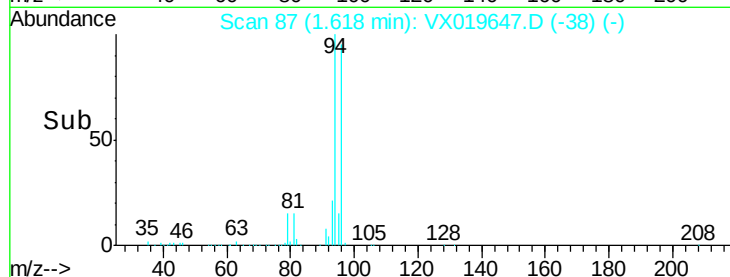
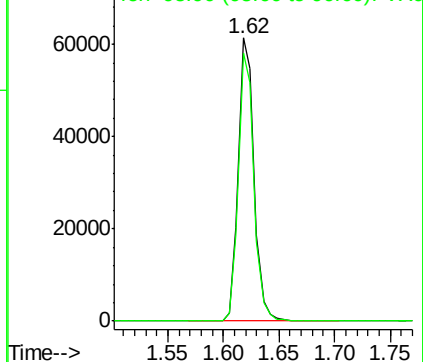
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 104.289 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019647.D

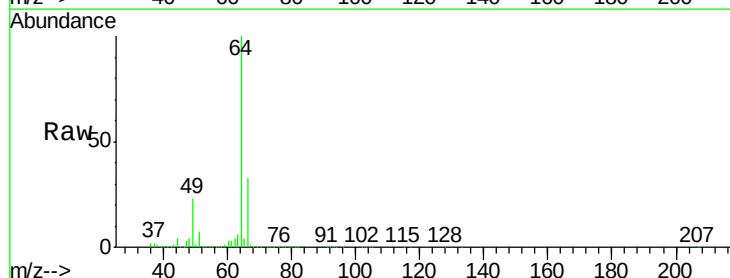
Acq: 25 Nov 2020 10:05

Tgt Ion: 64 Resp: 80105

Ion Ratio Lower Upper

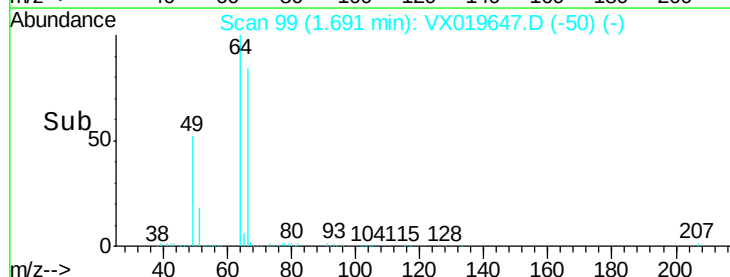
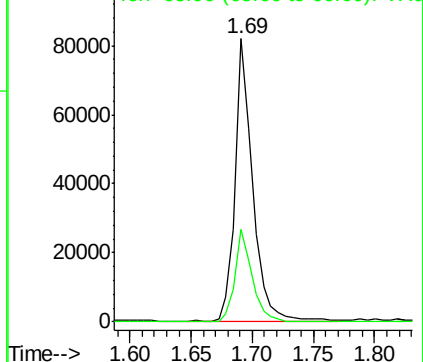
64 100

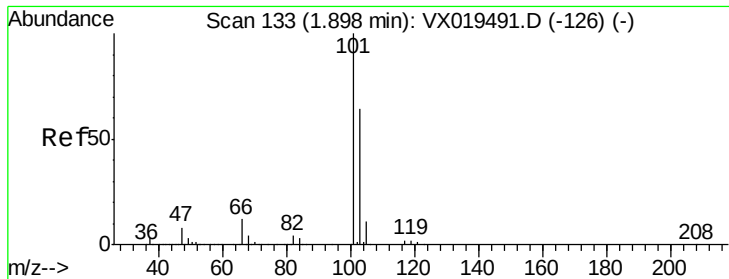
66 32.6 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

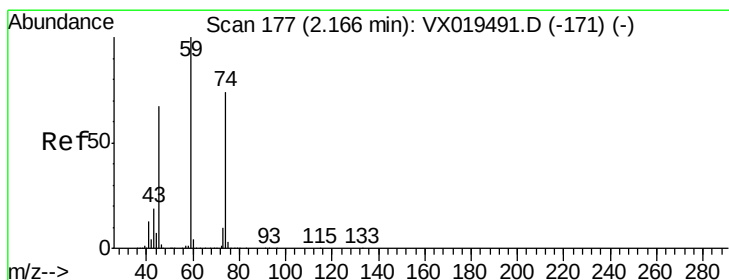
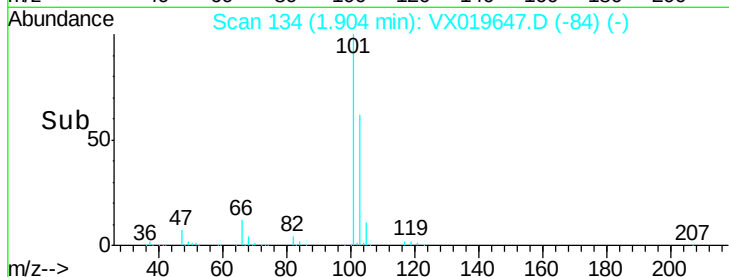
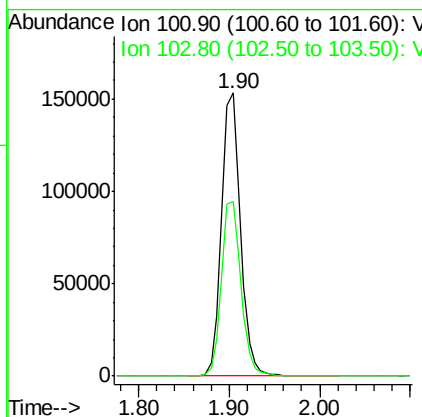
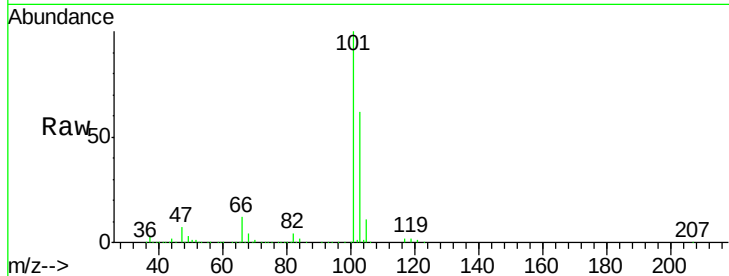
Trichlorofluoromethane
Concen: 47.256 ug/l
RT: 1.90 min Scan# 134
Delta R.T. 0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.8	50.9	76.3

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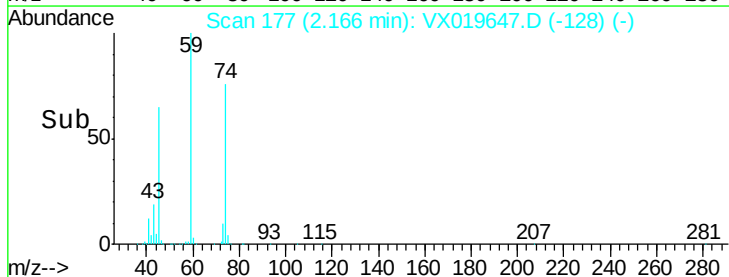
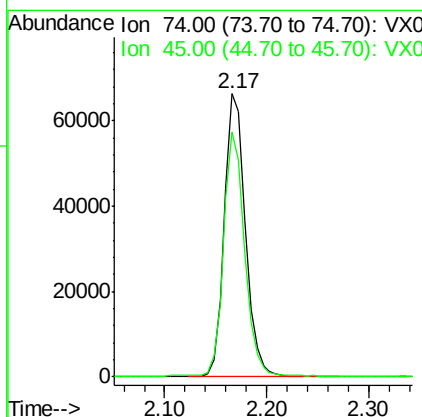
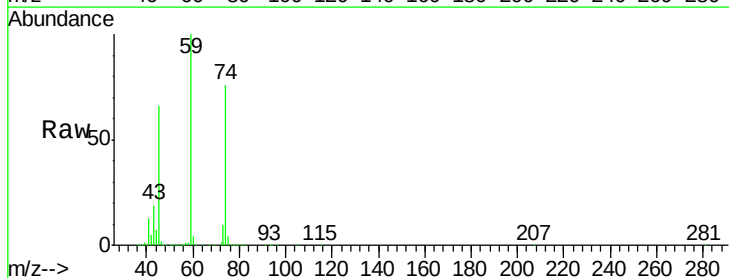
MMDadoda
11/30/2020 9:53:47 AM

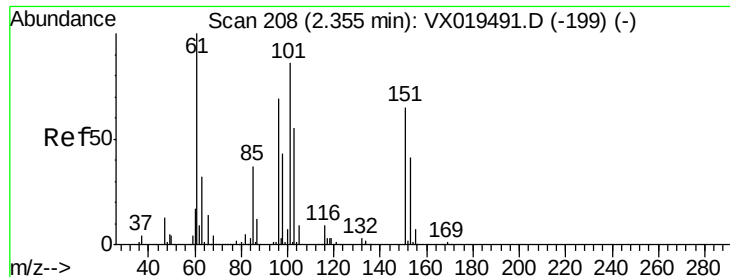


#8

Diethyl Ether
Concen: 50.146 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.6	44.4	133.2





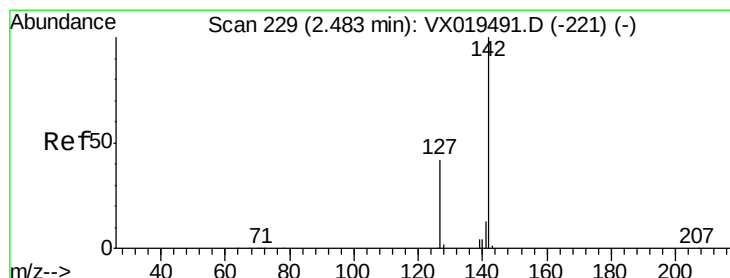
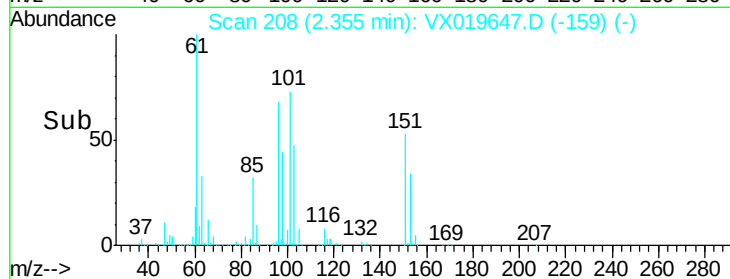
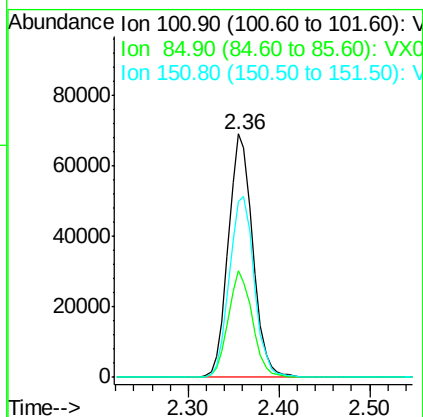
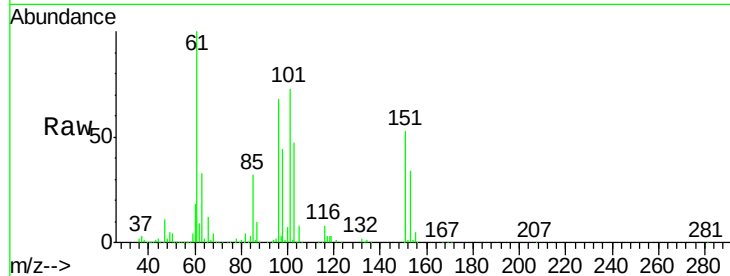
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.696 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019647.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	129331		
85	43.4	33.9	50.9	
151	76.0	60.9	91.3	

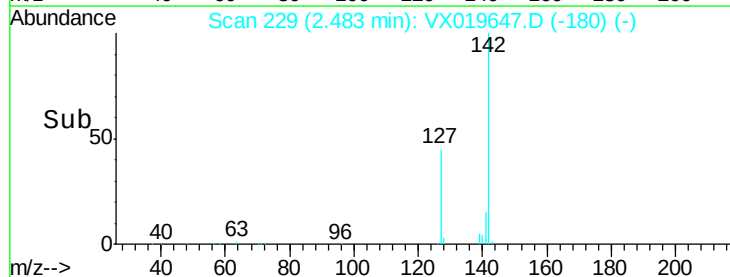
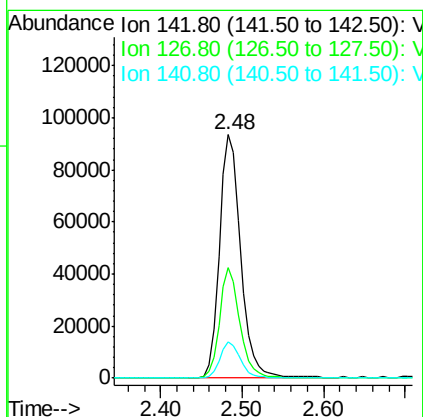
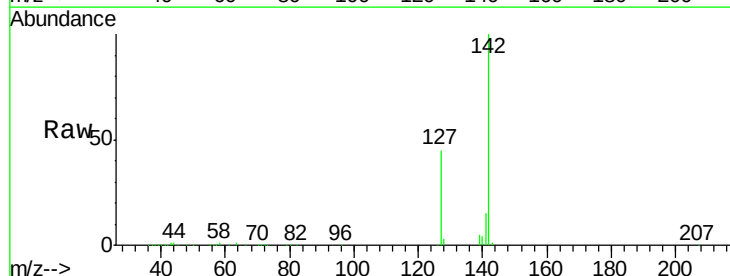
Manual Integrations
APPROVED

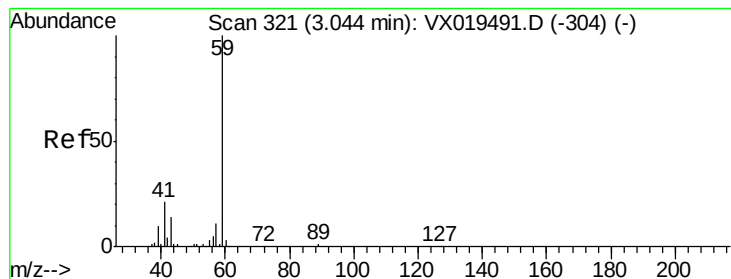
MMDadoda
11/30/2020 9:53:47 AM



#10
Methyl Iodide
Concen: 48.868 ug/l
RT: 2.48 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	170505		
127	43.0	33.8	50.6	
141	14.3	11.0	16.6	





#11

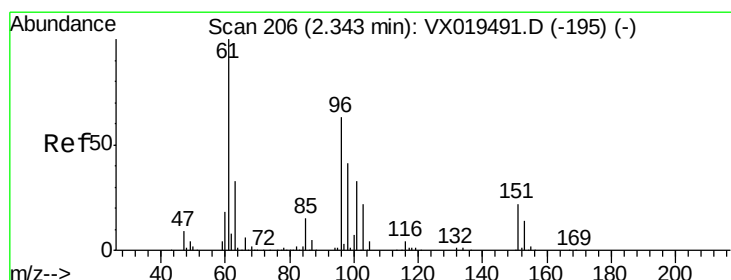
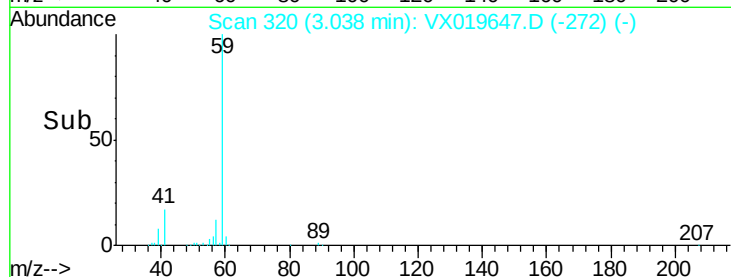
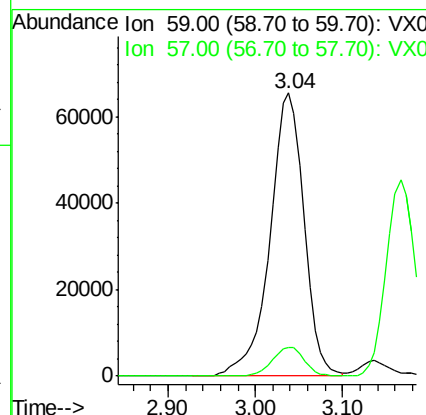
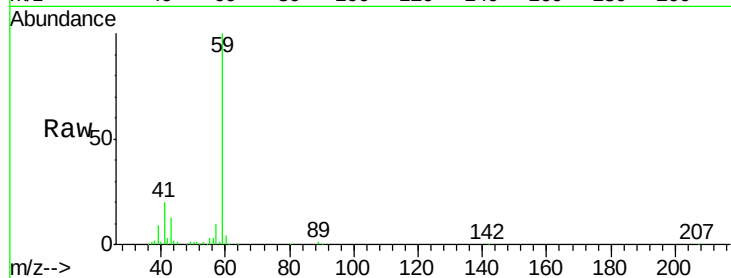
Tert butyl alcohol
 Concen: 262.911 ug/l
 RT: 3.04 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.9	11.9

Manual Integrations
 APPROVED

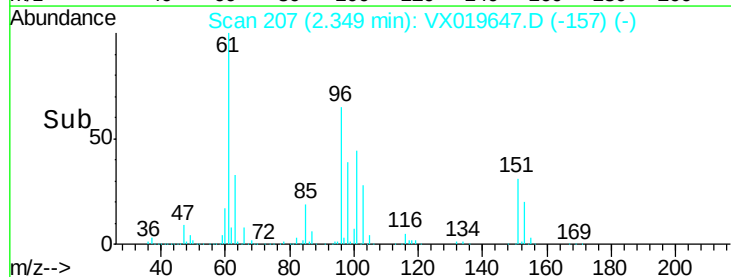
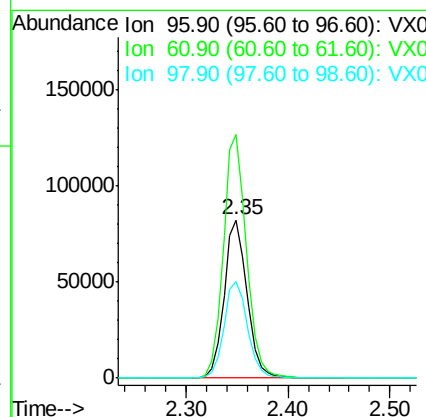
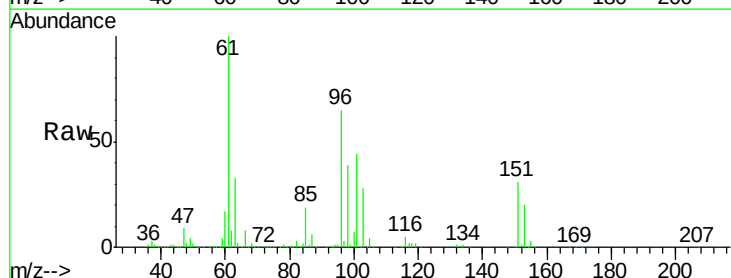
MMDadoda
 11/30/2020 9:53:47 AM

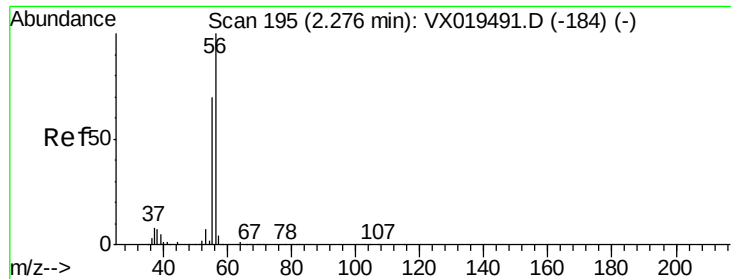


#12

1,1-Dichloroethene
 Concen: 46.963 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. 0.01 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.3	126.0	189.0
98	61.0	52.0	78.0





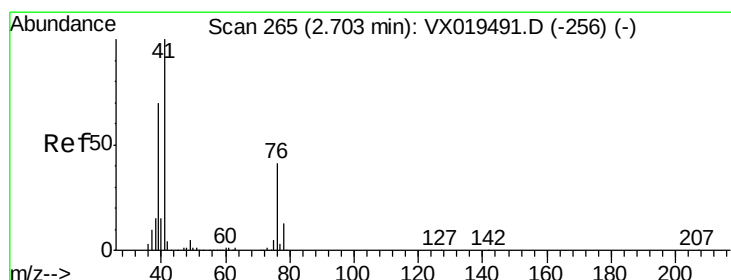
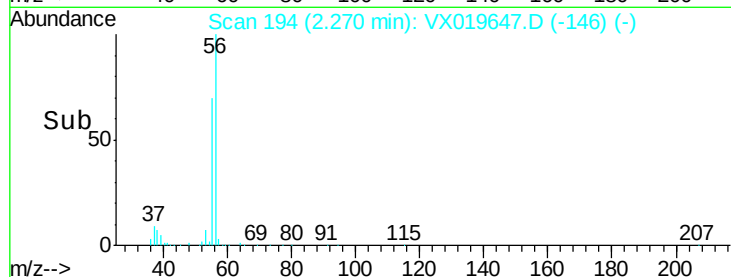
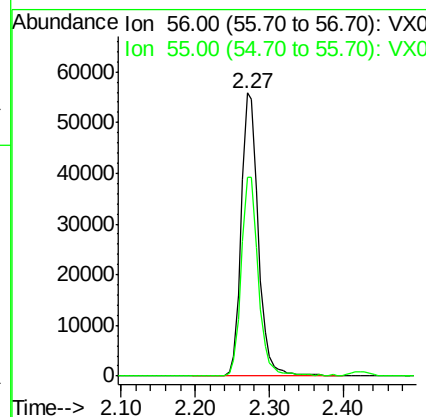
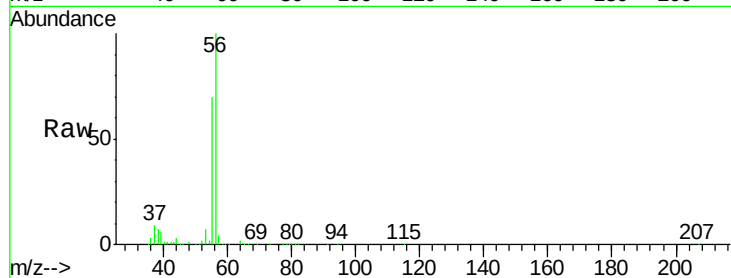
#13
Acrolein
Concen: 199.489 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	90347
Ion Ratio	100	Lower	Upper
56	100		
55	69.5	55.5	83.3

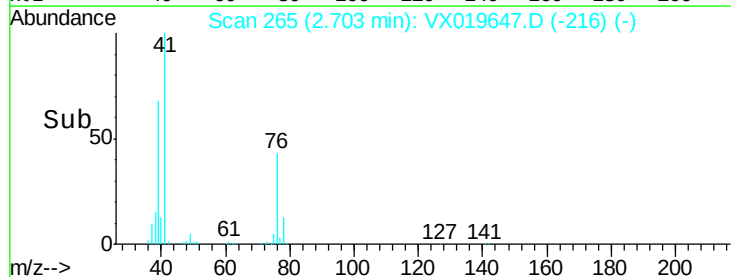
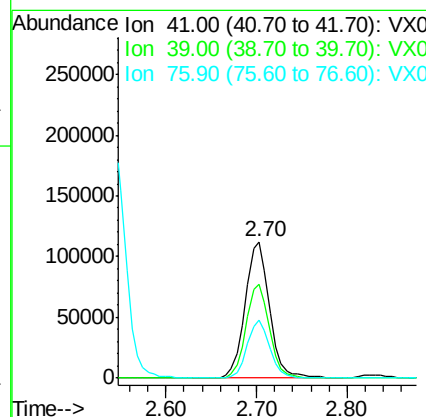
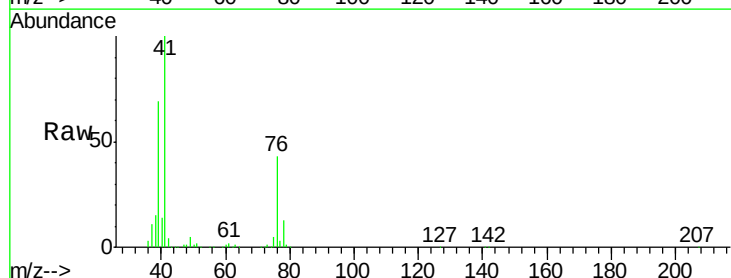
Manual Integrations
APPROVED

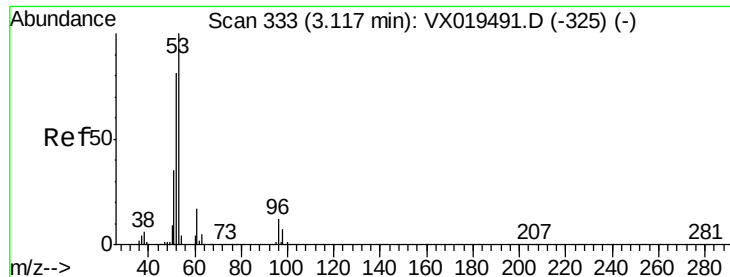
MMDadoda
11/30/2020 9:53:47 AM



#14
Allyl chloride
Concen: 48.863 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	41	Resp	208666
Ion Ratio	100	Lower	Upper
41	100		
39	66.1	53.0	79.4
76	39.6	31.0	46.6





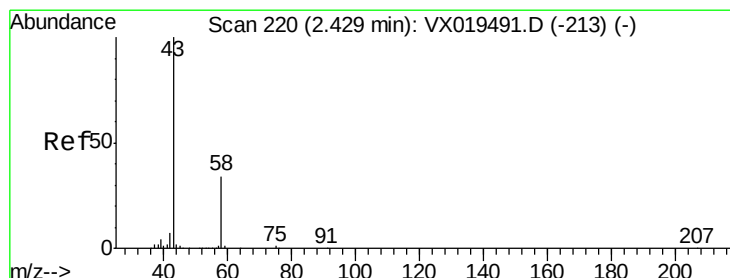
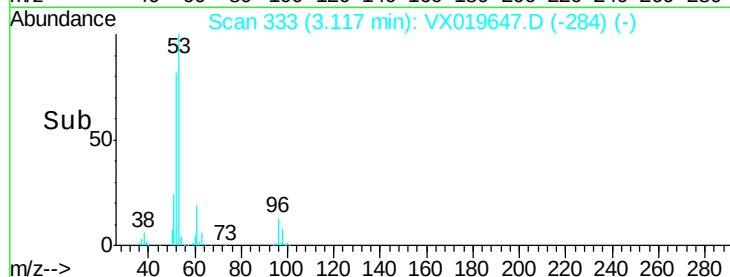
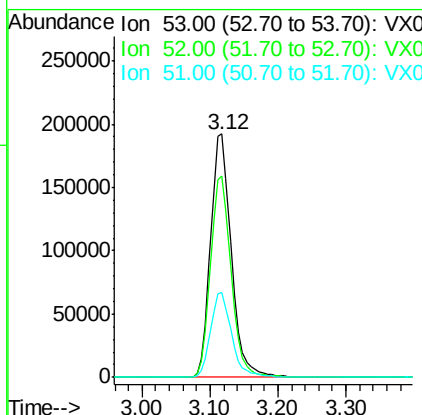
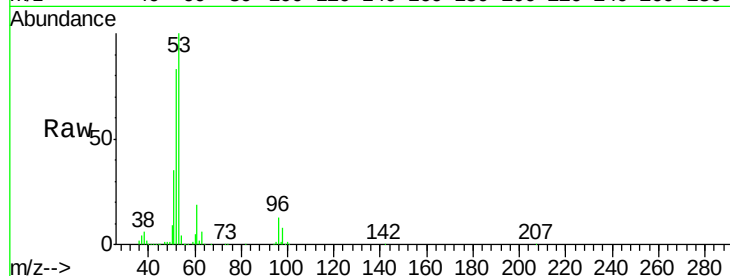
#15
Acrylonitrile
Concen: 254.352 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	53	Resp:	404152
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.2	99.2
51	35.5	28.5	42.7

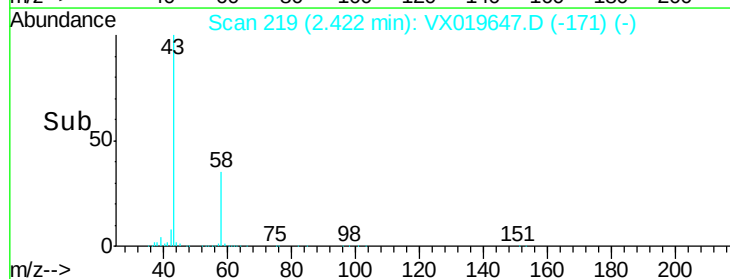
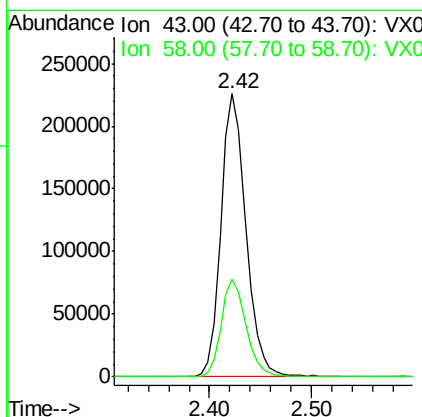
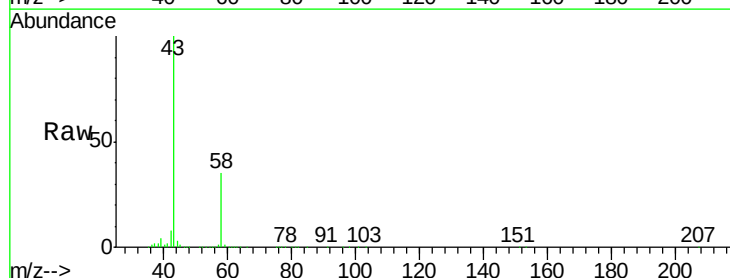
Manual Integrations
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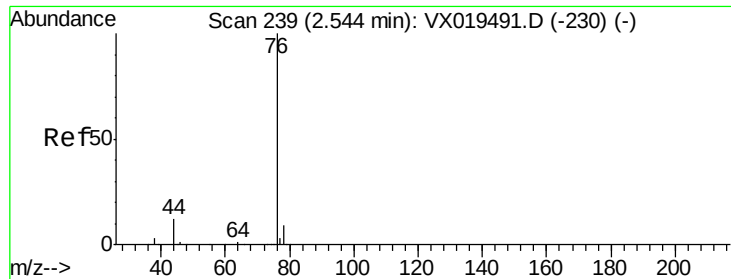
MMDadoda
11/30/2020 9:53:47 AM



#16
Acetone
Concen: 277.802 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion:	43	Resp:	382466
Ion Ratio	Lower	Upper	
43	100		
58	34.7	27.4	41.2





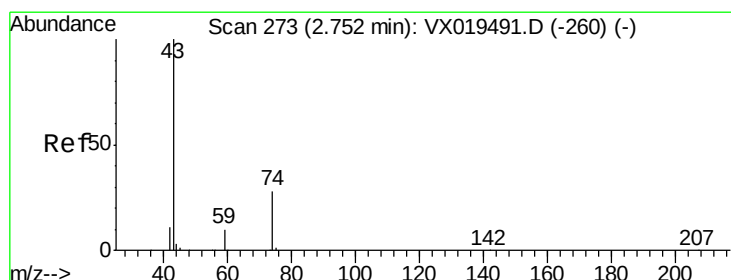
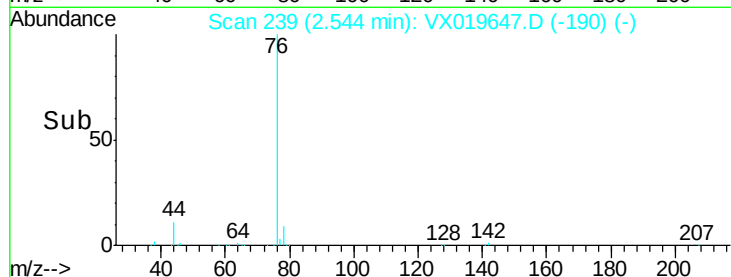
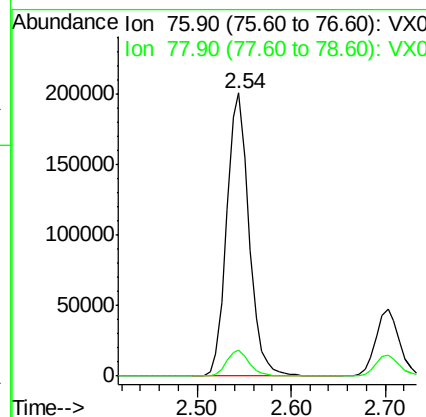
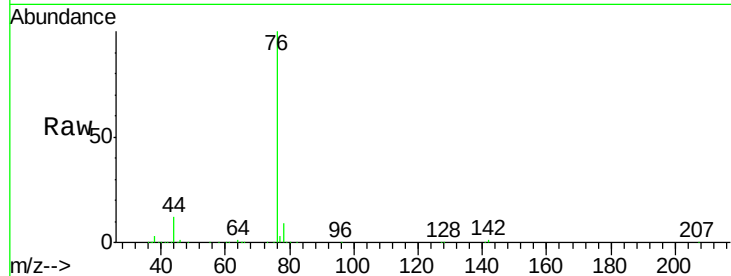
#17
Carbon Disulfide
Concen: 44.928 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

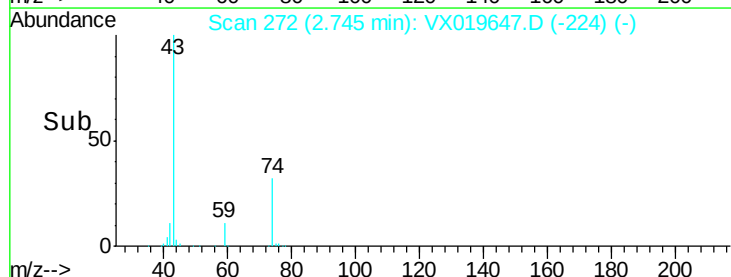
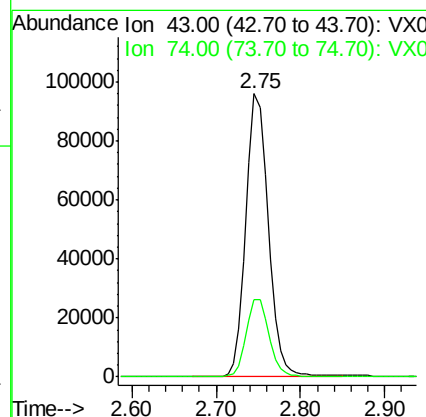
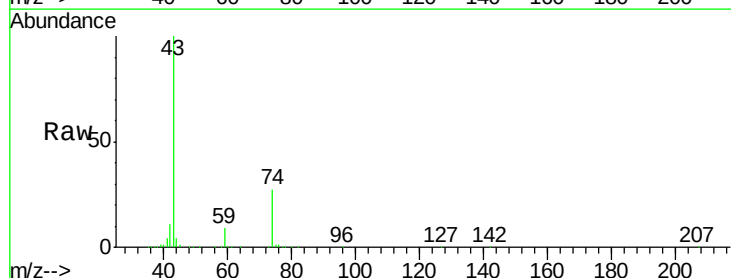
Manual Integrations
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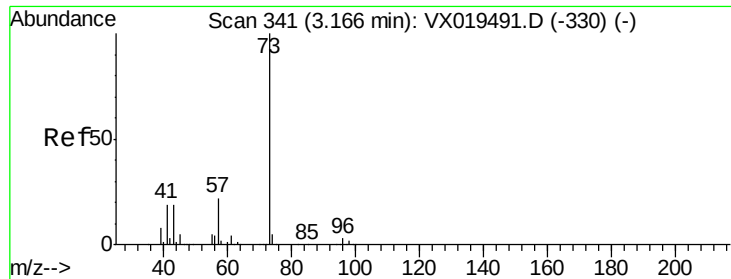
MMDadoda
11/30/2020 9:53:47 AM



#18
Methyl Acetate
Concen: 50.953 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.2	22.2	33.4





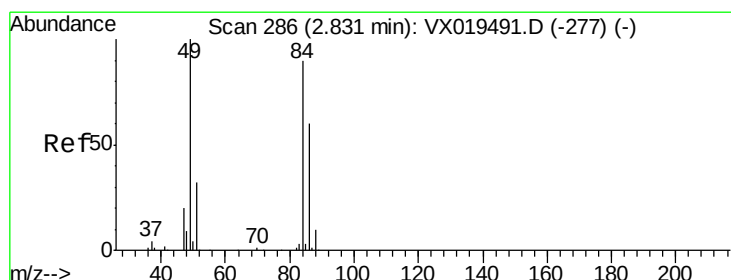
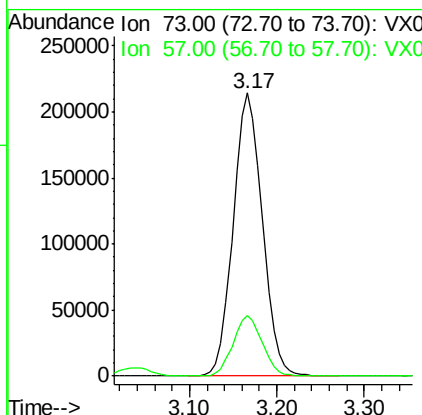
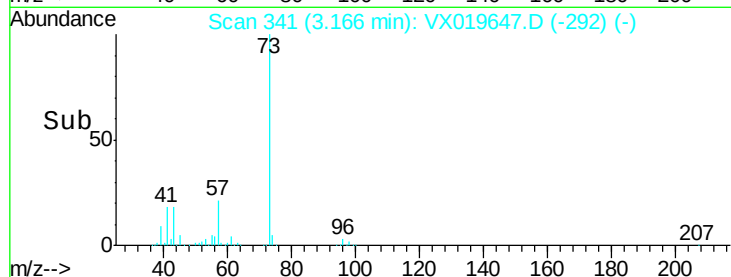
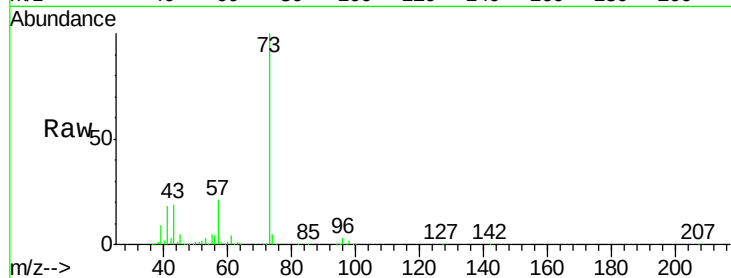
#19
Methyl tert-butyl Ether
Concen: 52.740 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.3	25.9

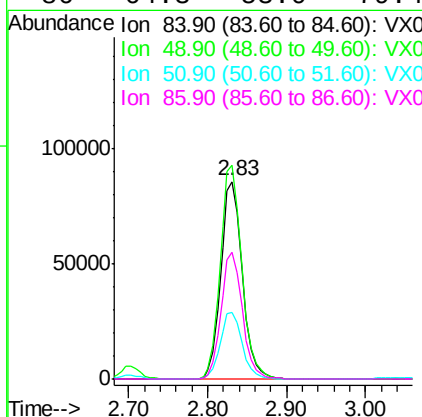
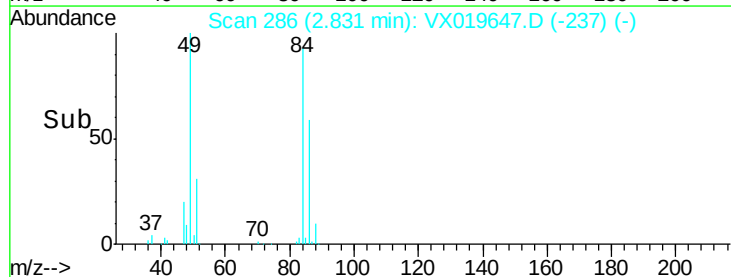
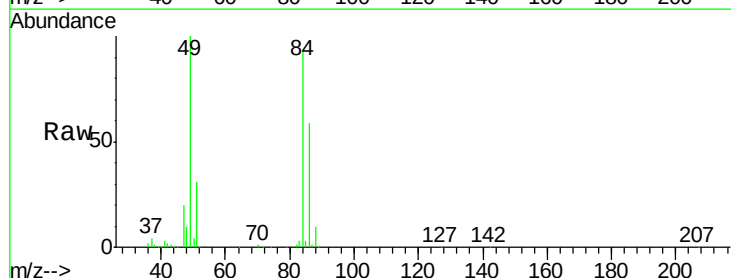
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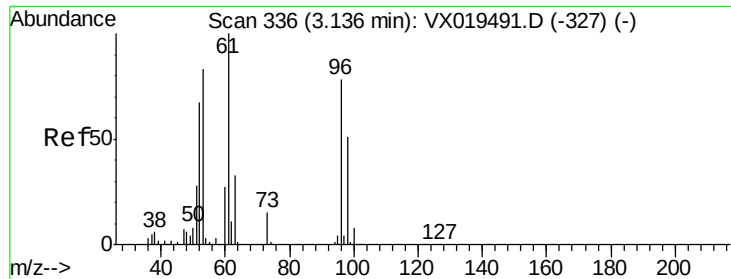
MMDadoda
11/30/2020 9:53:47 AM



#20
Methylene Chloride
Concen: 47.366 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.1	88.5	132.7
51	34.0	28.0	42.0
86	64.3	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 48.620 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

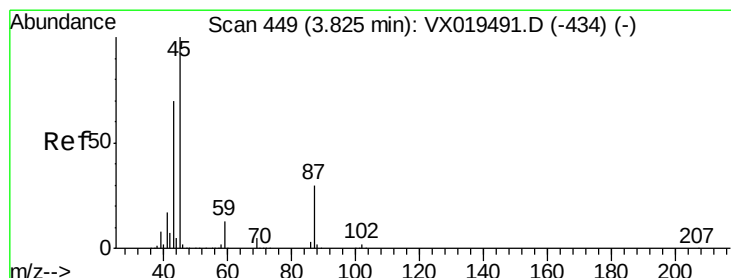
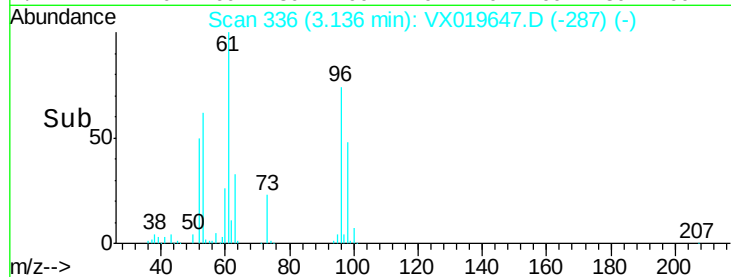
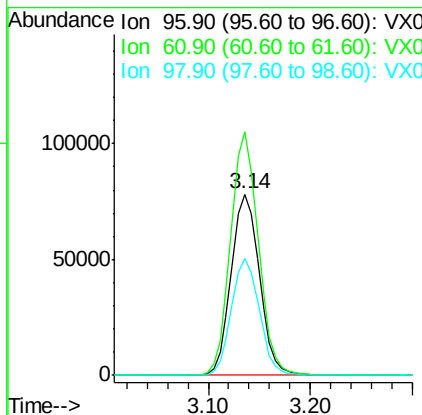
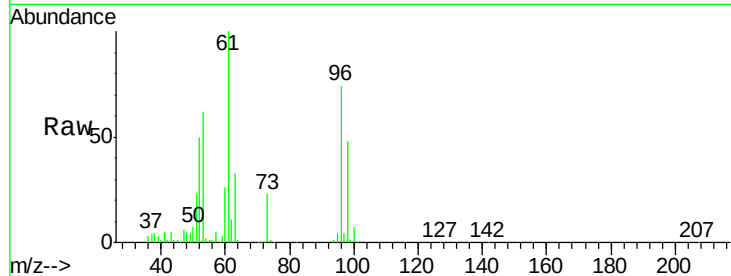
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	150165
Ion	Ratio	Lower	Upper
96	100		
61	134.2	102.9	154.3
98	64.3	52.1	78.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.044 ug/l

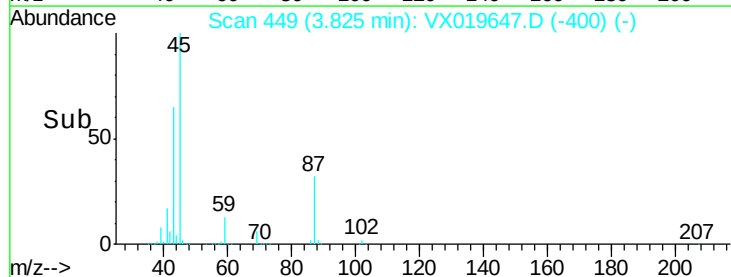
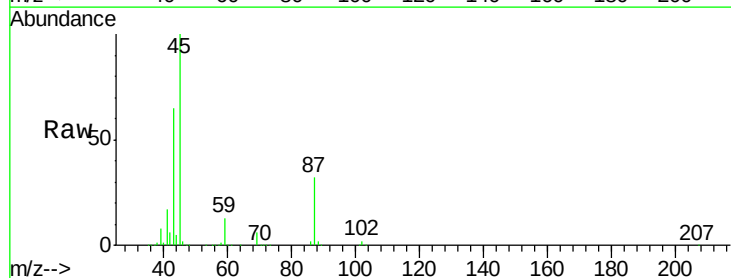
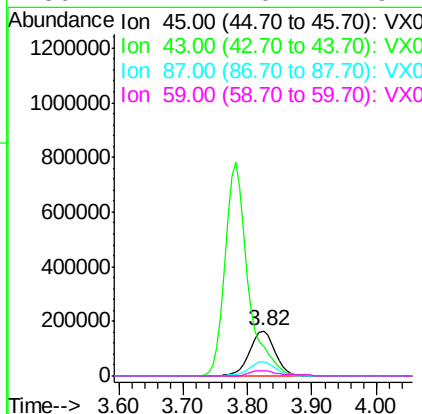
RT: 3.82 min Scan# 449

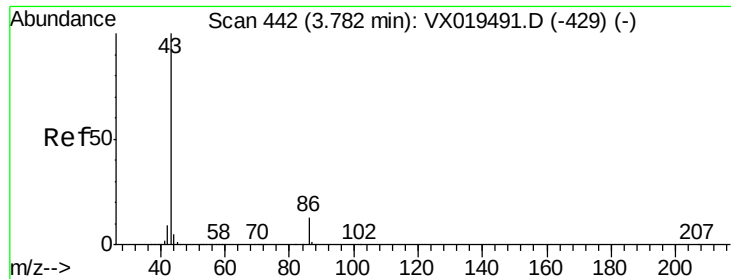
Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Tgt Ion:	45	Resp:	450935
Ion	Ratio	Lower	Upper
45	100		
43	64.6	56.1	84.1
87	31.6	24.2	36.2
59	12.7	10.2	15.2





#23

Vinyl Acetate

Concen: 265.066 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1964149

Ion Ratio Lower Upper

43 100

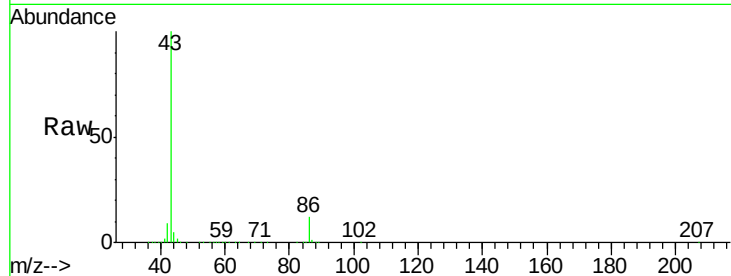
86 12.5 10.2 15.2

Manual Integrations

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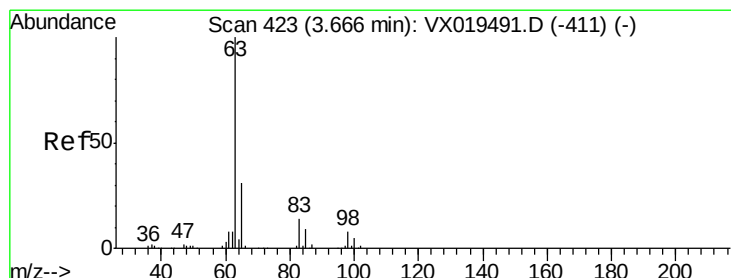
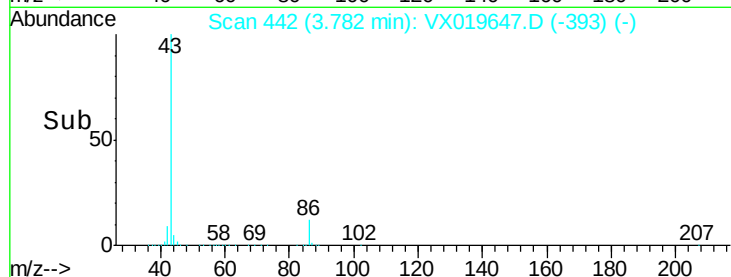
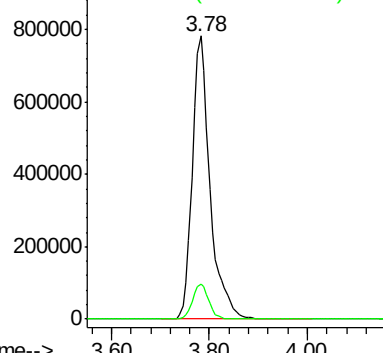
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.350 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

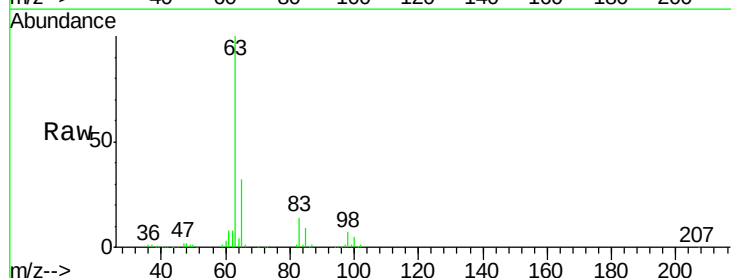
Tgt Ion: 63 Resp: 266660

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

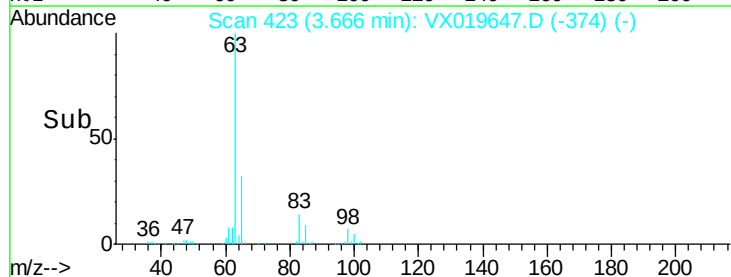
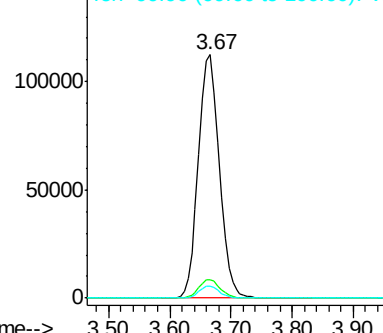
100 4.7 2.4 7.1

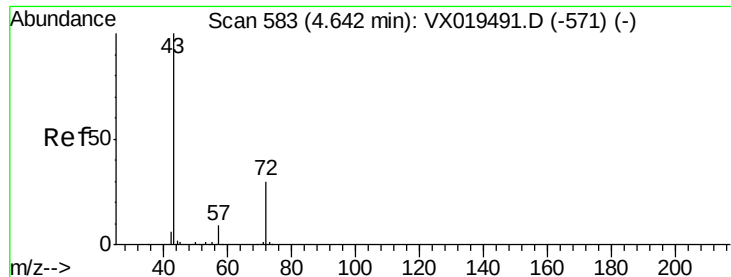


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 258.855 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 535353

Ion Ratio Lower Upper

43 100

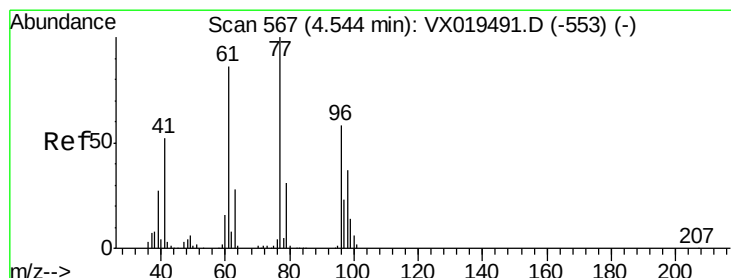
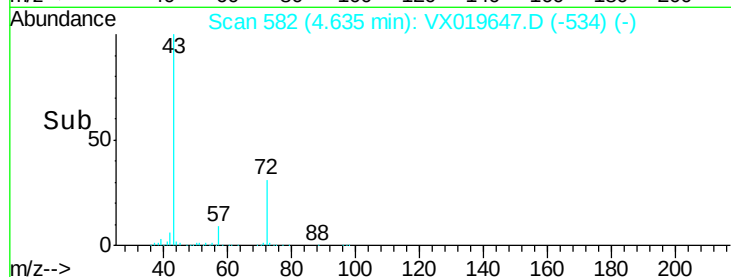
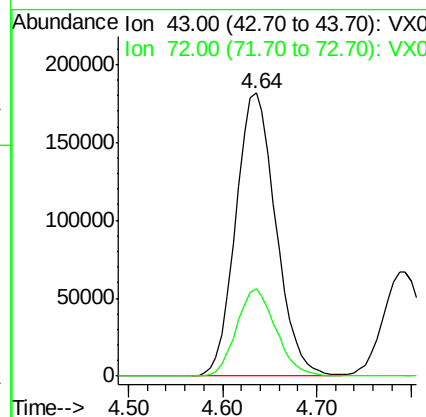
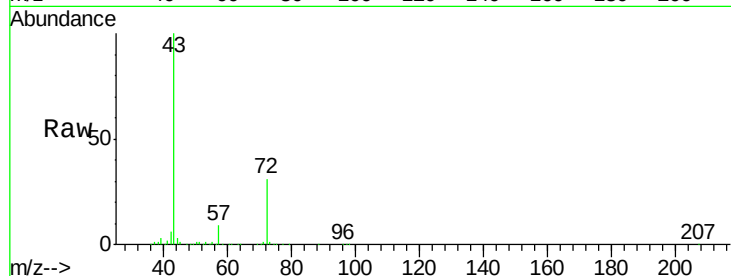
72 30.8 24.0 36.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.614 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019647.D

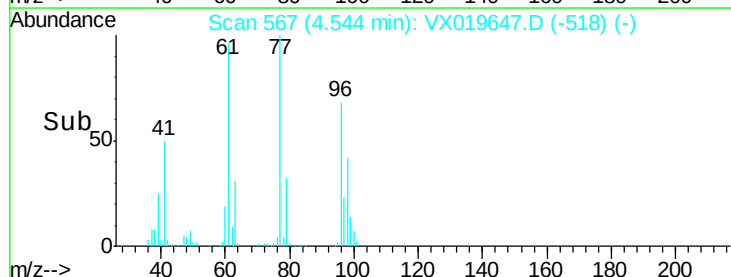
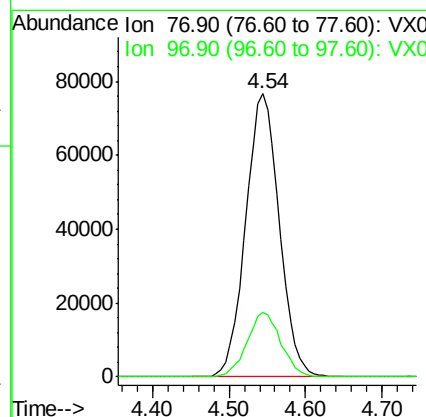
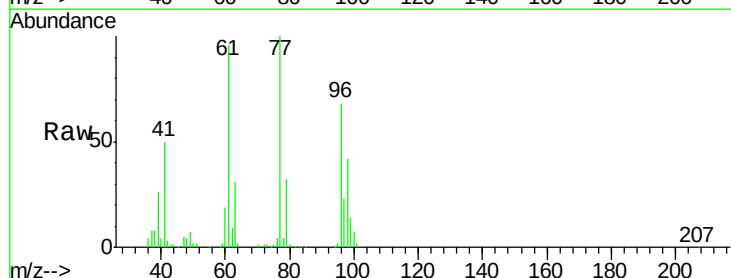
Acq: 25 Nov 2020 10:05

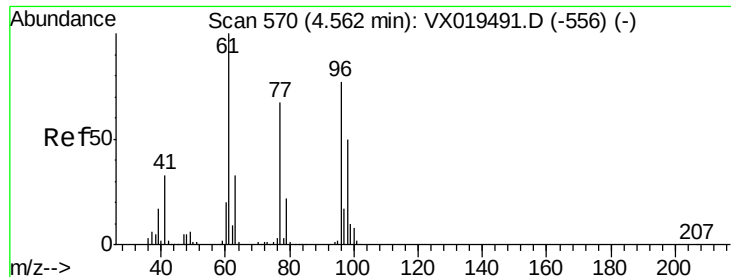
Tgt Ion: 77 Resp: 234001

Ion Ratio Lower Upper

77 100

97 22.9 11.6 34.8





#27

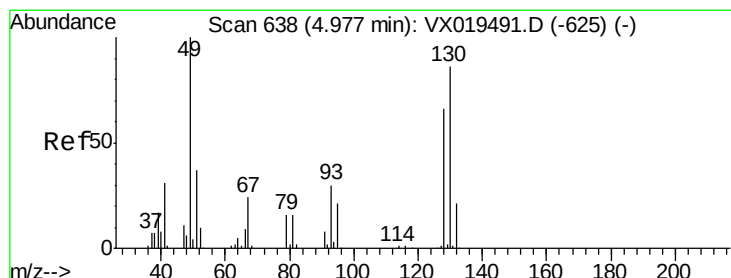
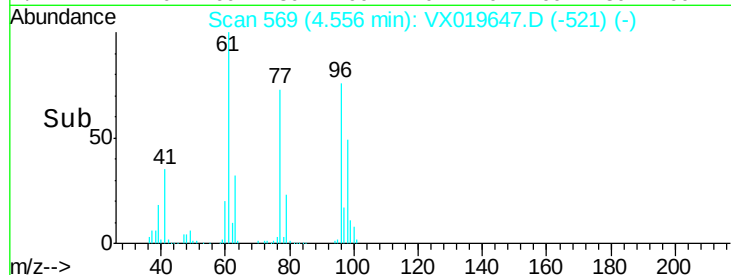
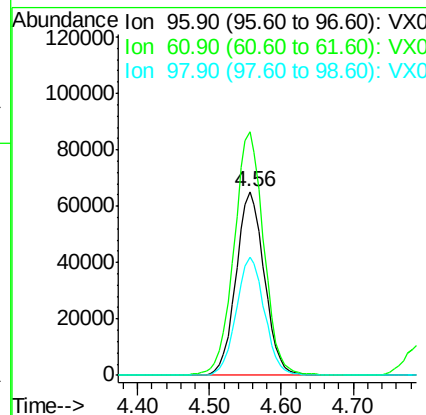
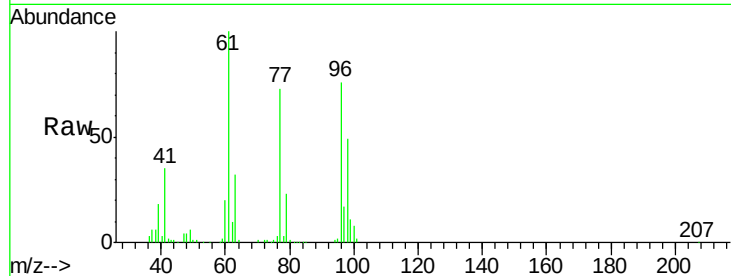
cis-1,2-Dichloroethene
Concen: 50.149 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	177915		
61	139.9	0.0	279.2	
98	64.4	0.0	129.8	

Manual Integrations
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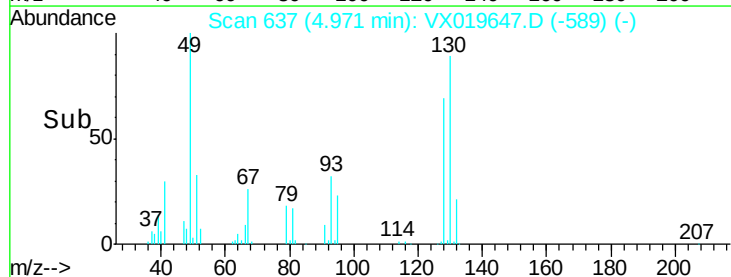
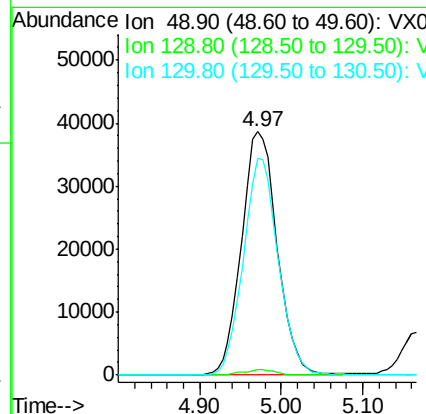
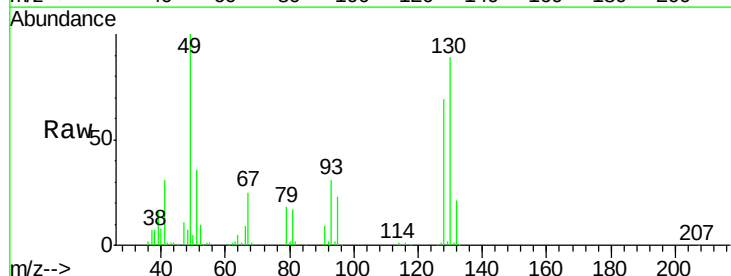
MMDadoda
11/30/2020 9:53:47 AM

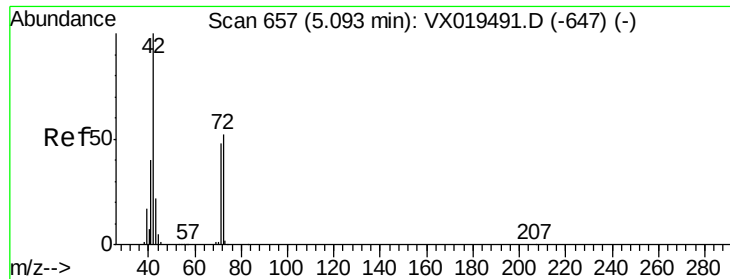


#28

Bromochloromethane
Concen: 45.589 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	117776		
129	2.1	0.0	4.2	
130	87.0	69.0	103.6	





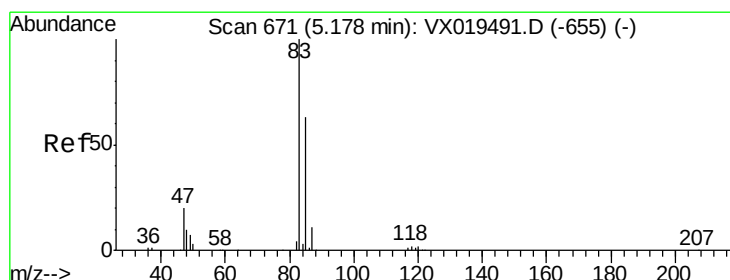
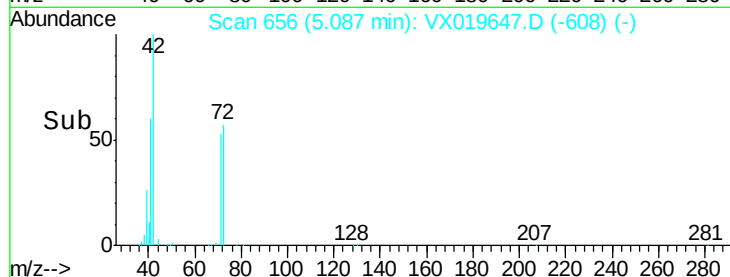
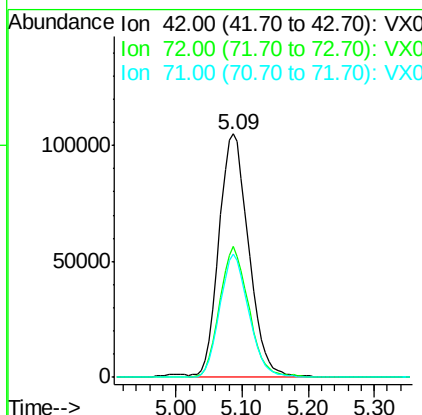
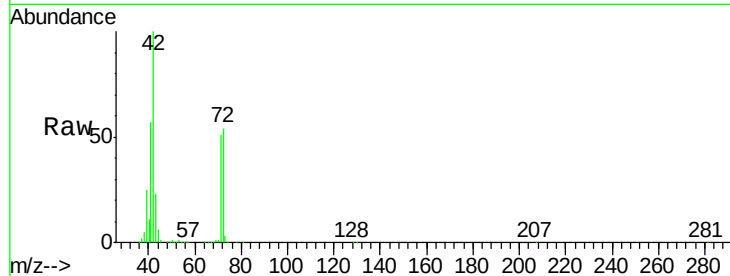
#29
Tetrahydrofuran
Concen: 247.226 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.8	42.6	63.8
71	49.4	39.0	58.6

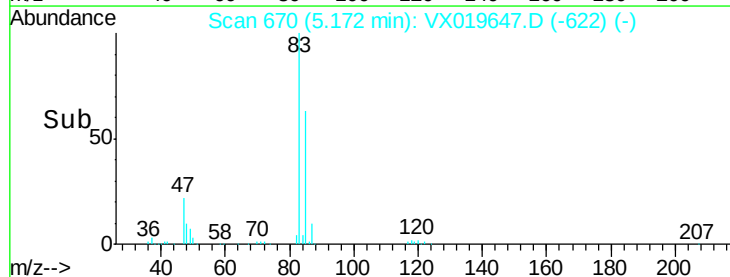
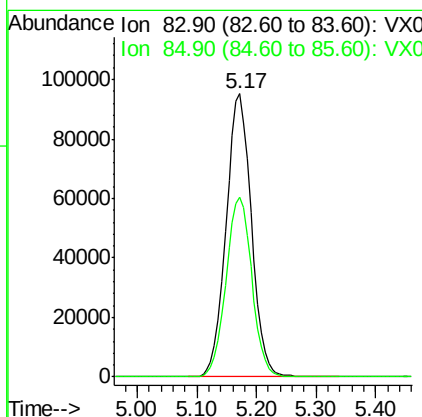
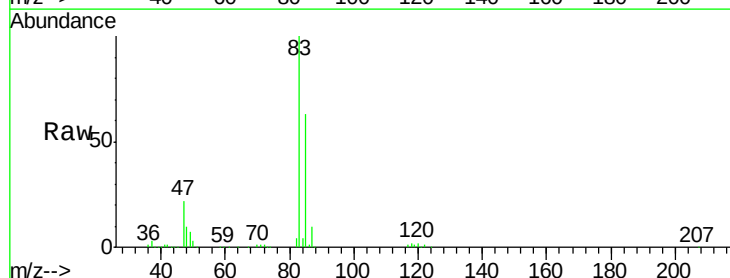
Manual Integrations
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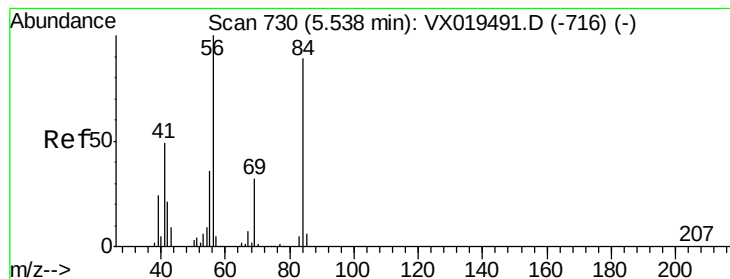
MMDadoda
11/30/2020 9:53:47 AM



#30
Chloroform
Concen: 49.744 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.5	75.7





#31

Cyclohexane

Concen: 47.747 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

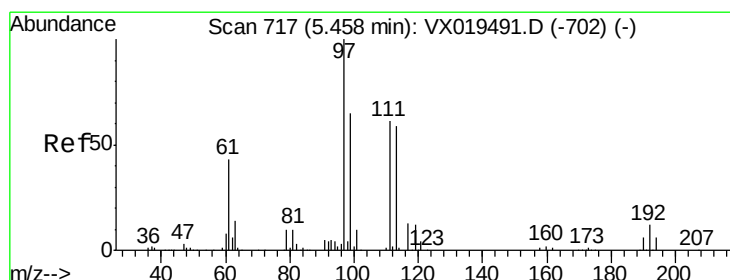
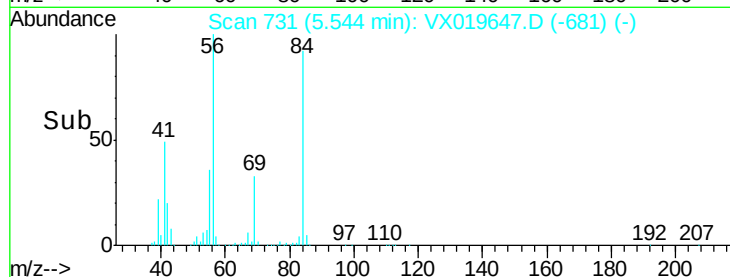
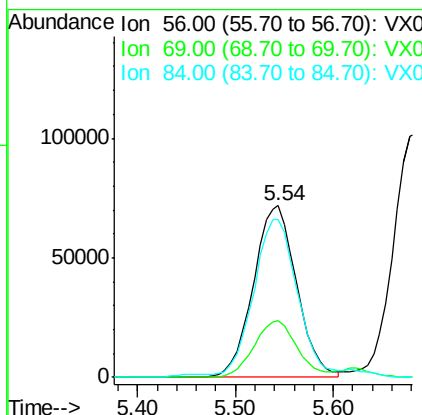
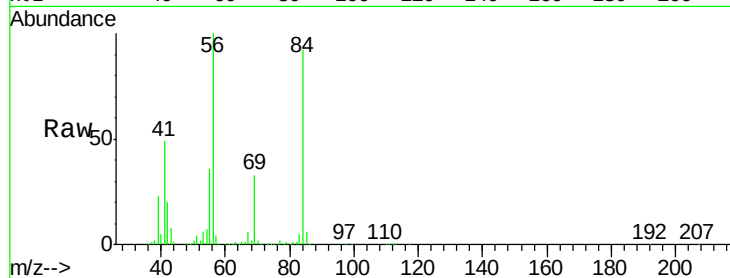
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	221084
Ion Ratio	Lower	Upper	
56	100		
69	32.9	25.5	38.3
84	90.4	71.1	106.7

Manual Integrations
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11/30/2020 9:53:47 AM



#32

1,1,1-Trichloroethane

Concen: 49.511 ug/l

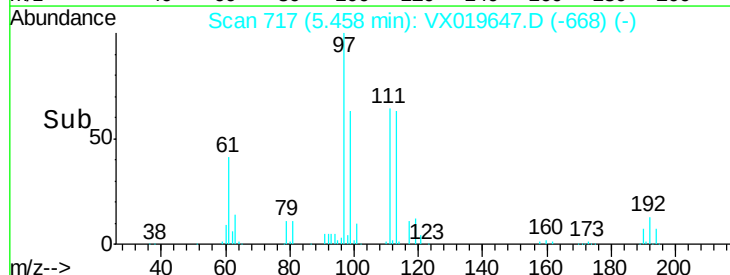
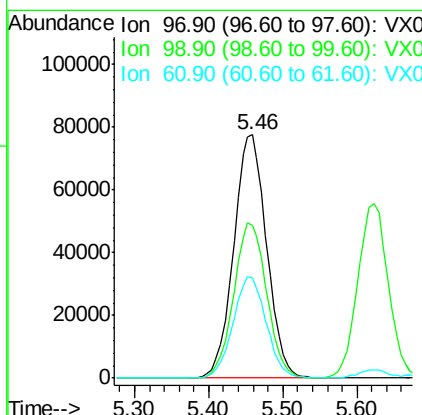
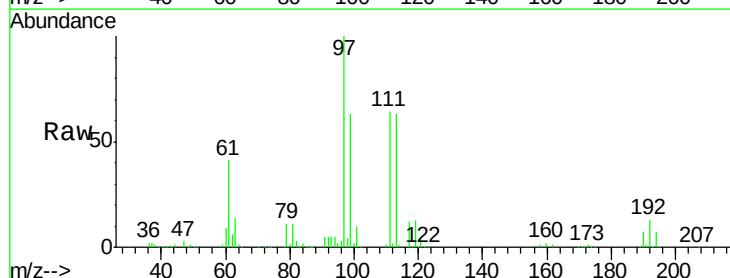
RT: 5.46 min Scan# 717

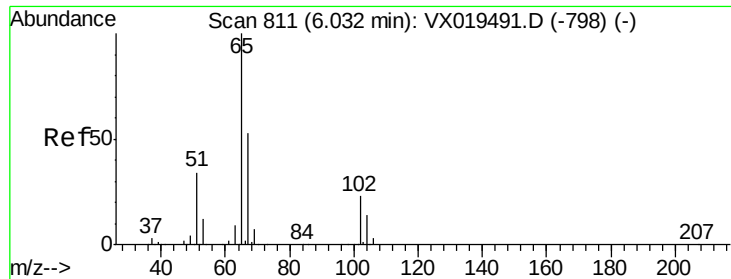
Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Tgt Ion:	97	Resp:	240300
Ion Ratio	Lower	Upper	
97	100		
99	63.9	51.4	77.0
61	41.9	34.2	51.2





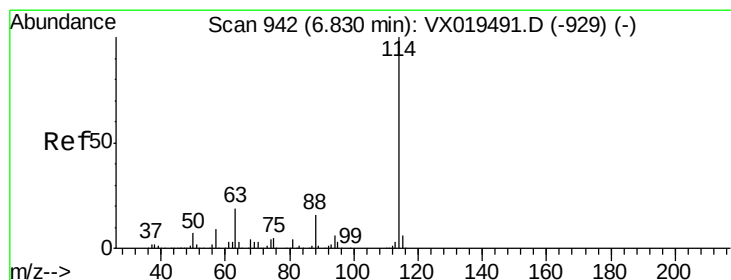
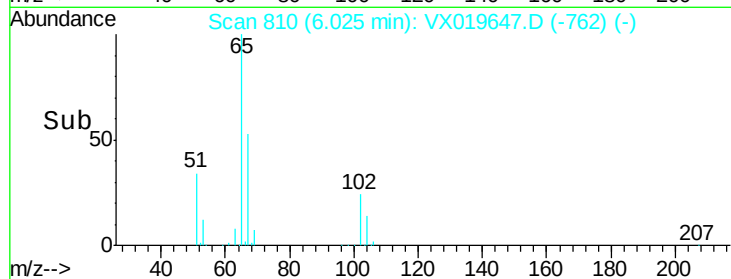
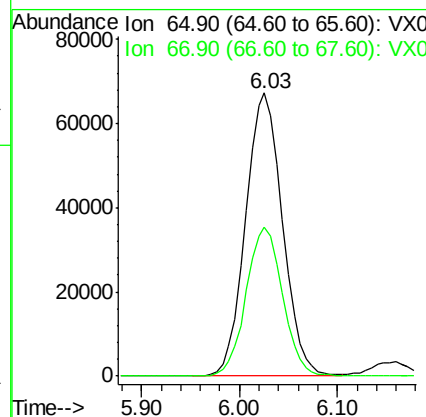
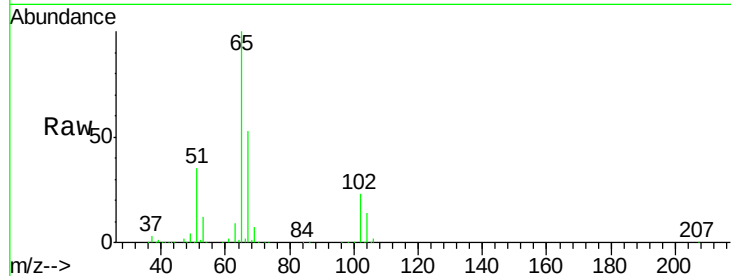
#33
 1,2-Dichloroethane-d4
 Concen: 49.484 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	176168		
67	52.1	0.0	105.0	

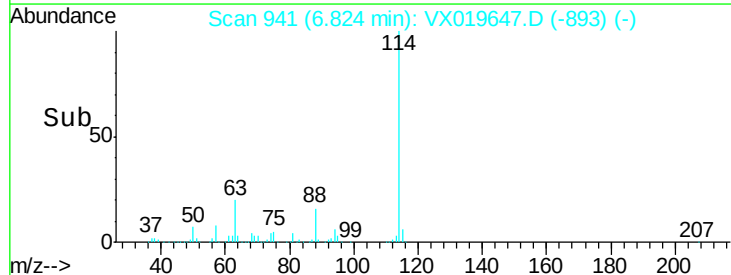
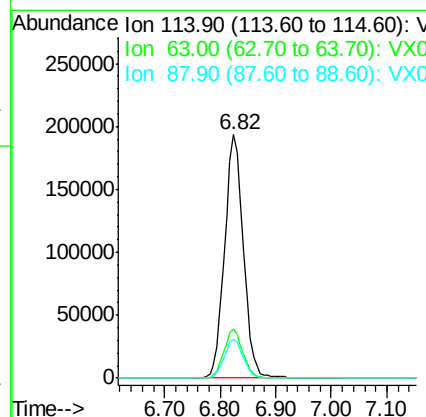
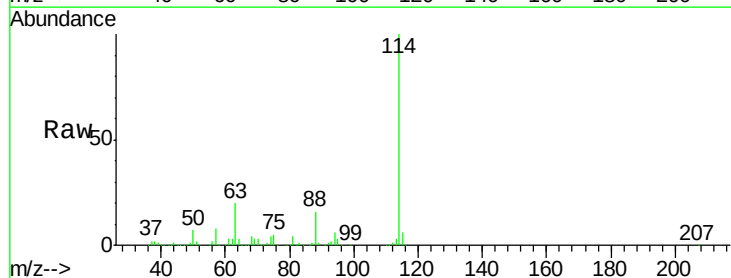
Manual Integrations
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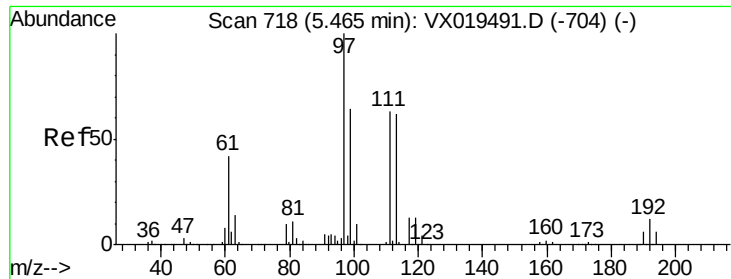
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 11/30/2020 9:53:47 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	451241		
63	20.2	0.0	38.8	
88	16.2	0.0	31.6	





#35

Dibromofluoromethane

Concen: 49.801 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

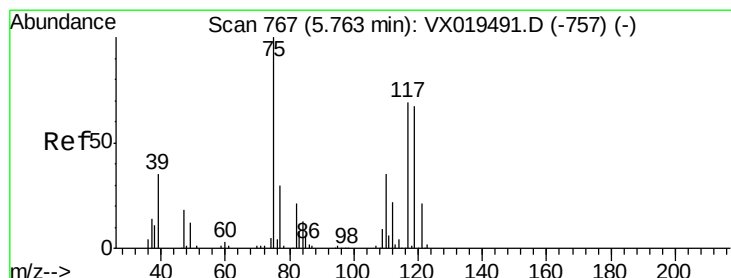
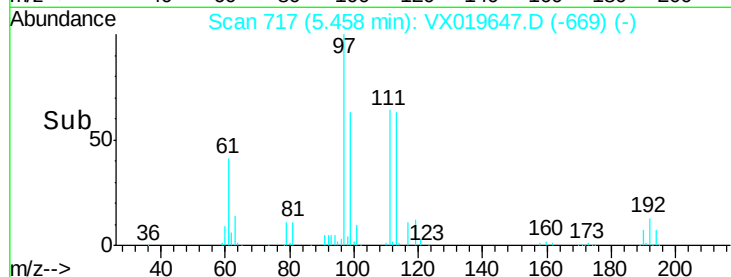
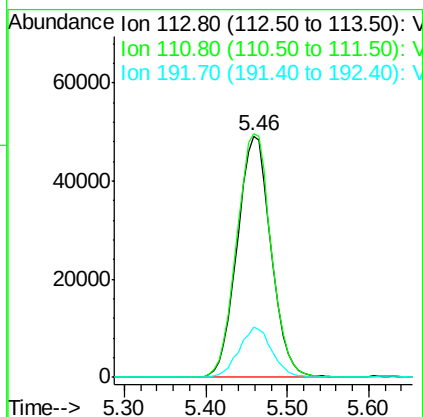
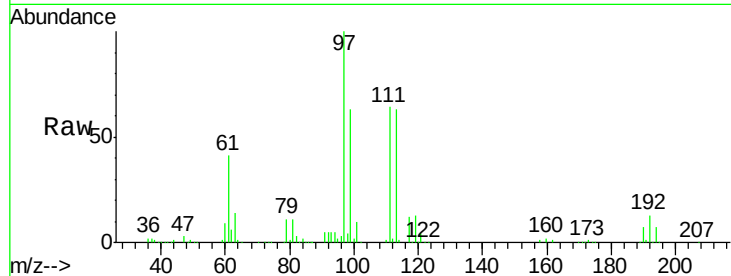
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	141058
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.5	122.3
192	20.4	16.2	24.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.563 ug/l

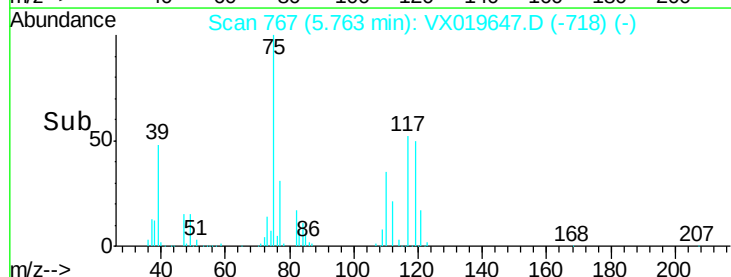
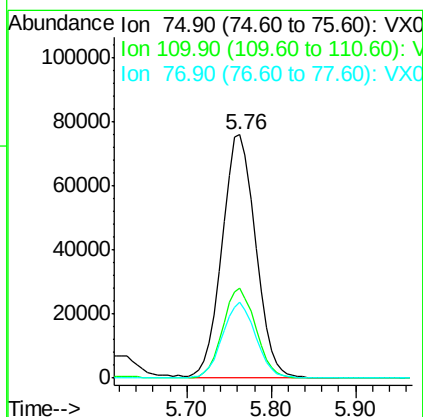
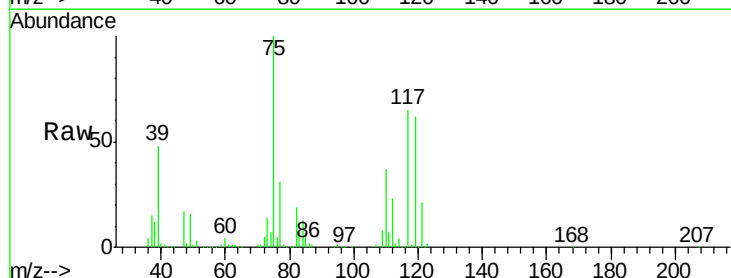
RT: 5.76 min Scan# 767

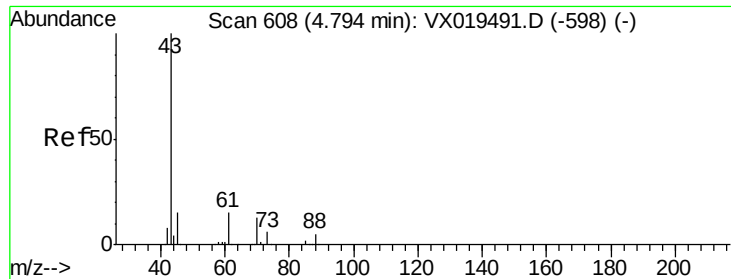
Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Tgt Ion:	75	Resp:	205440
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.1	54.3
77	30.2	24.2	36.4





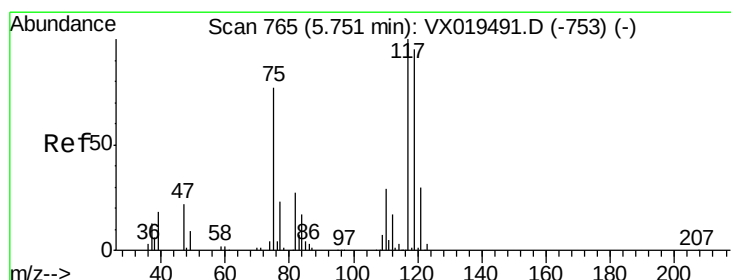
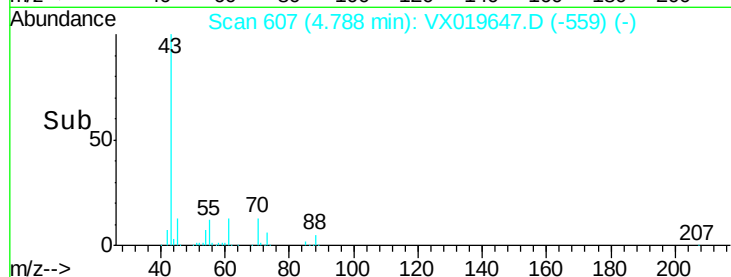
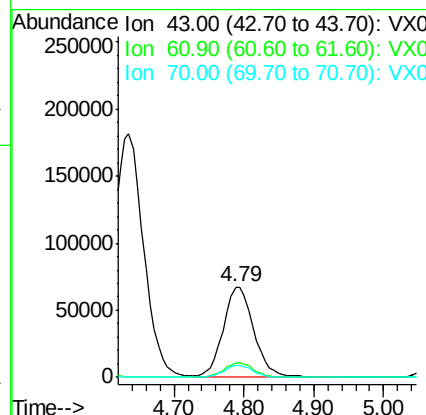
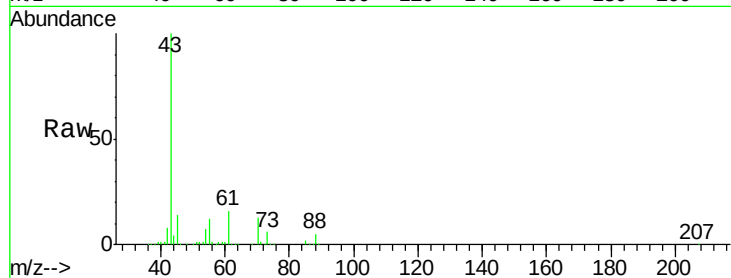
#37
Ethyl Acetate
Concen: 51.032 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.7	19.1
70	13.1	10.2	15.2

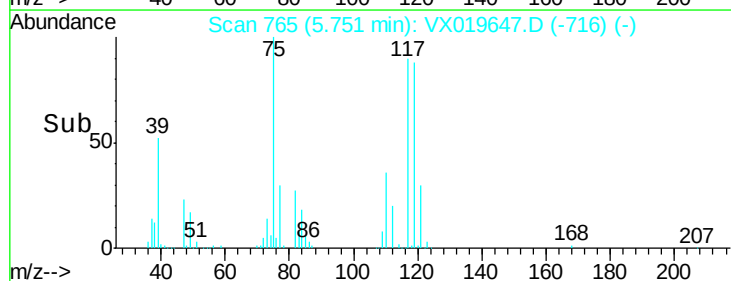
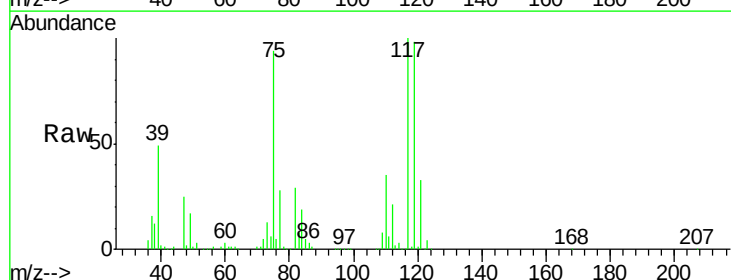
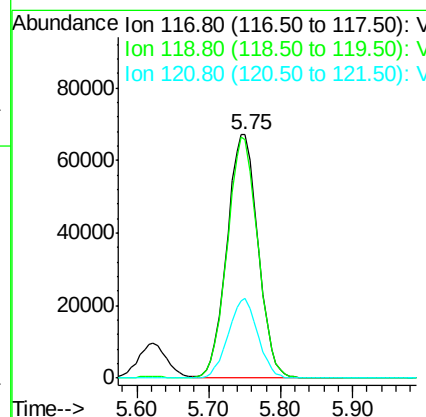
Manual Integrations
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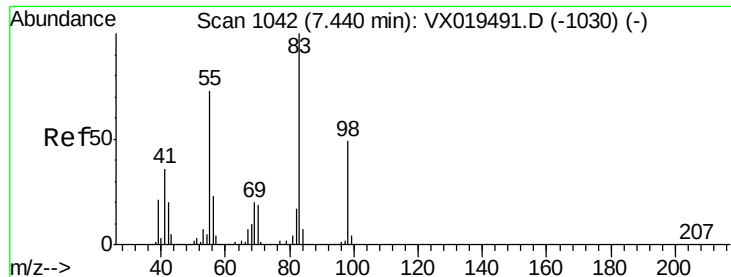
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#38
Carbon Tetrachloride
Concen: 49.226 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.9	113.9
121	32.6	24.0	36.0





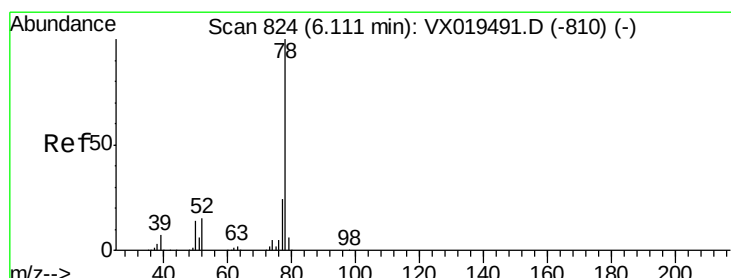
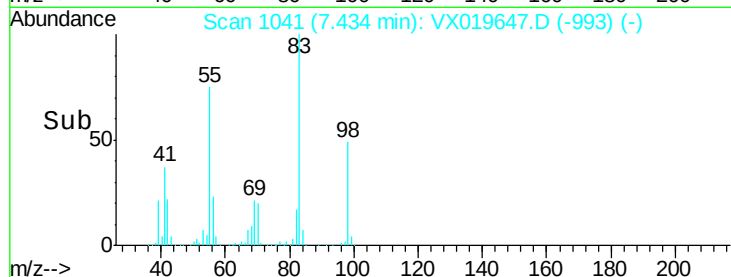
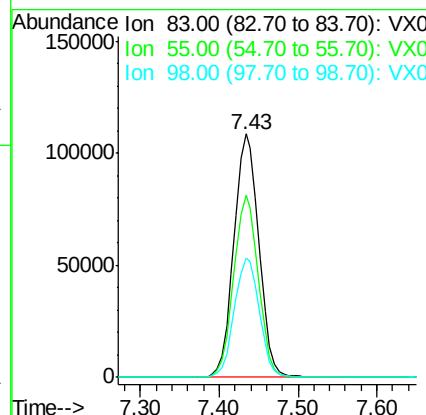
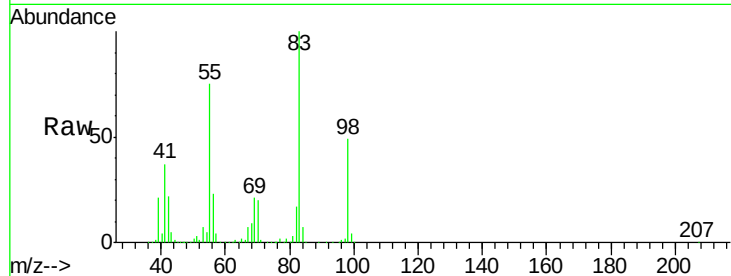
#39
Methylvlcyclohexane
Concen: 48.674 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	239754		
55	74.9		58.3	87.5
98	49.2		38.9	58.3

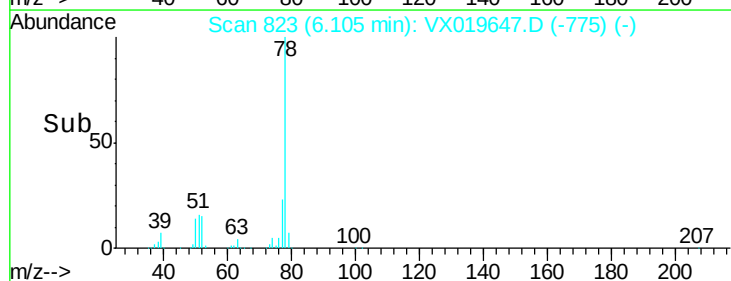
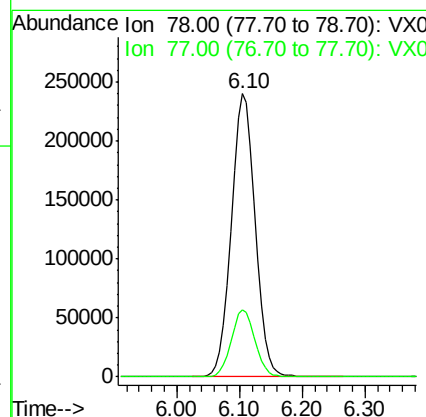
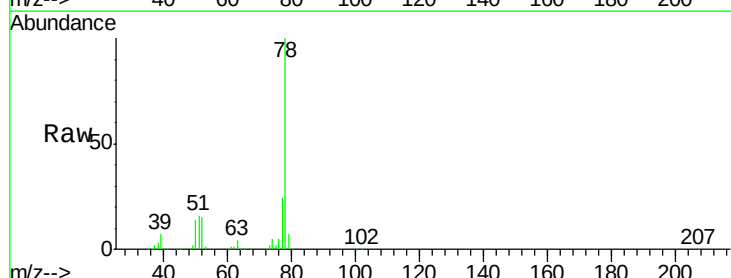
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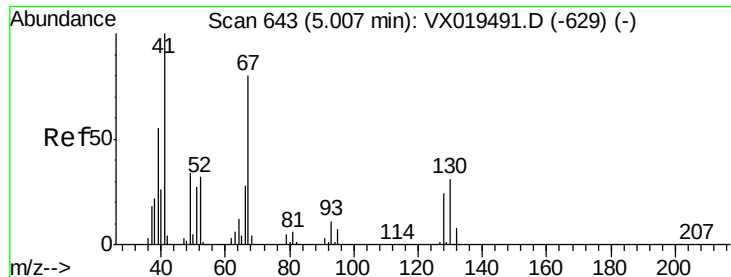
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#40
Benzene
Concen: 48.543 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	630954		
77	23.5		18.9	28.3





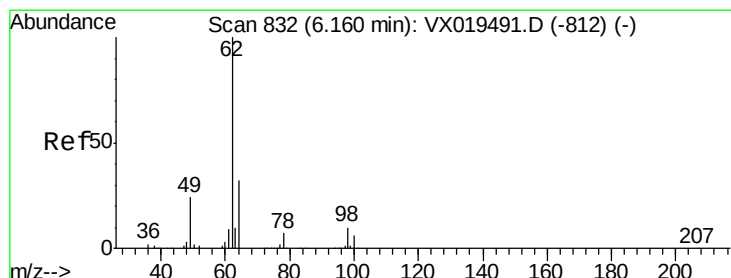
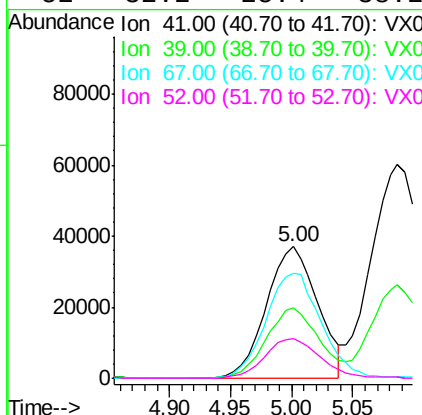
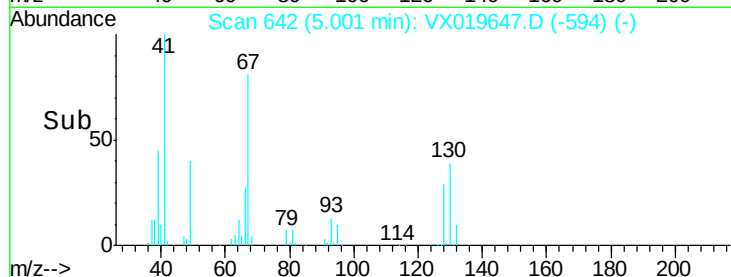
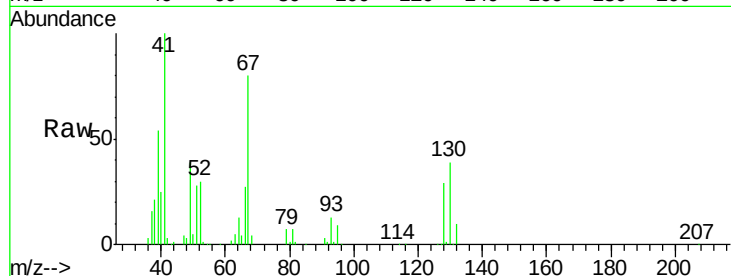
#41
Methacrylonitrile
Concen: 49.420 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		108232		
39	55.2	43.3	64.9		
67	86.6	66.0	99.0		
52	32.2	25.4	38.2		

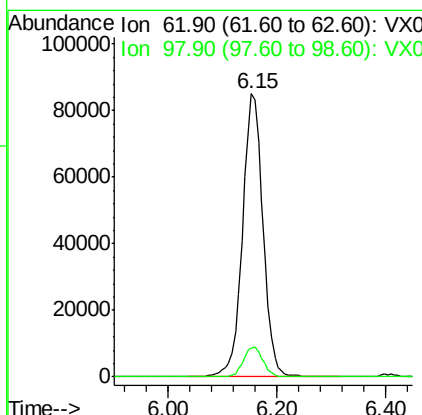
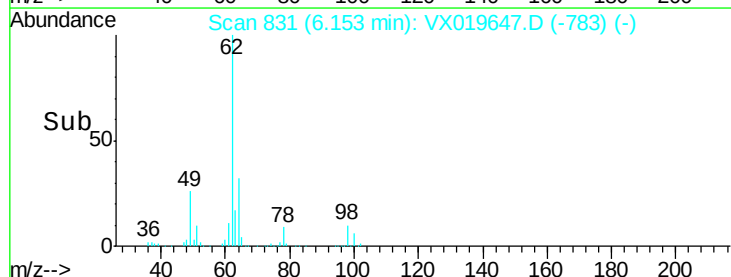
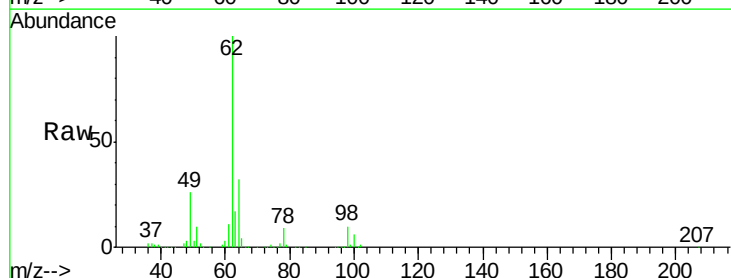
Manual Integrations
APPROVED

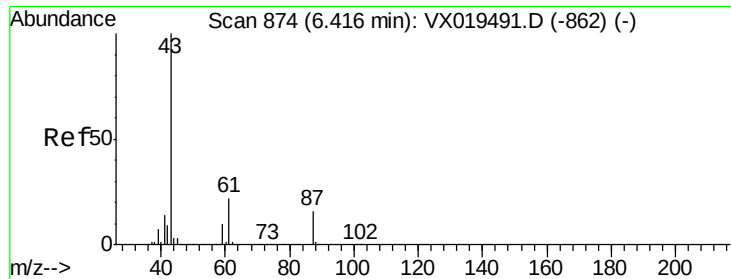
MMDadoda
11/30/2020 9:53:47 AM



#42
1,2-Dichloroethane
Concen: 50.052 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		222985		
98	10.1	0.0	20.0		





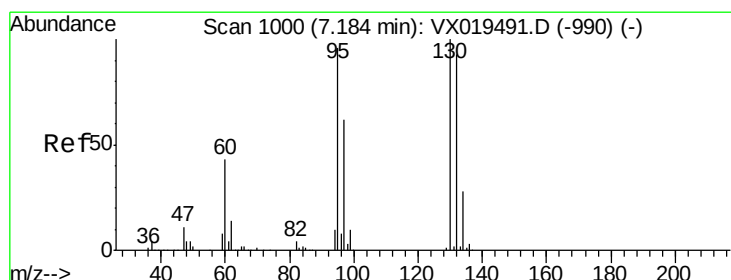
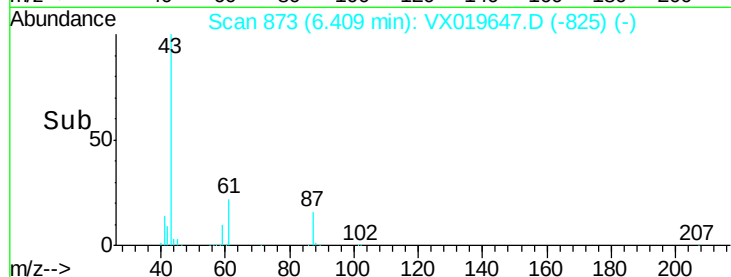
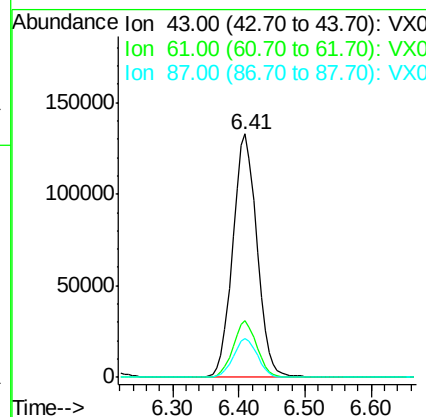
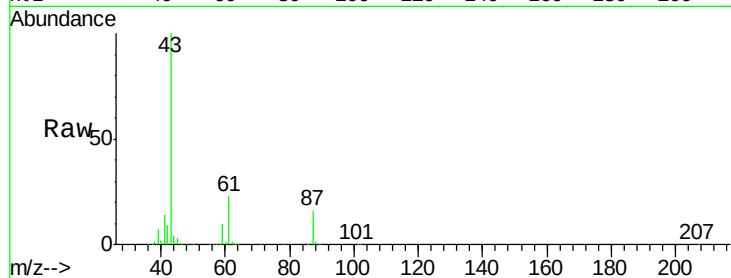
#43
Isopropyl Acetate
Concen: 50.313 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.0	18.2	27.2
87	15.9	12.6	18.8

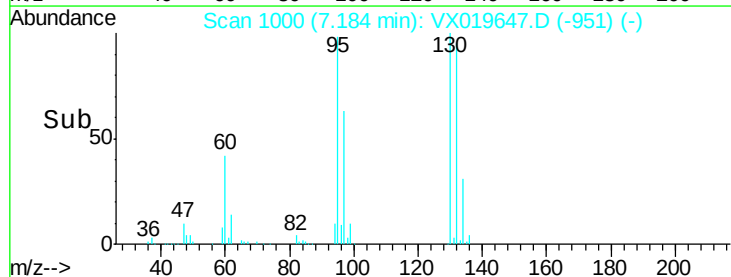
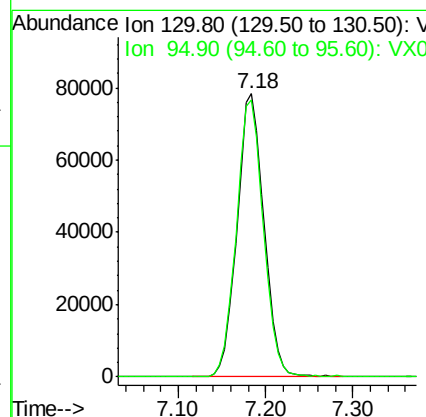
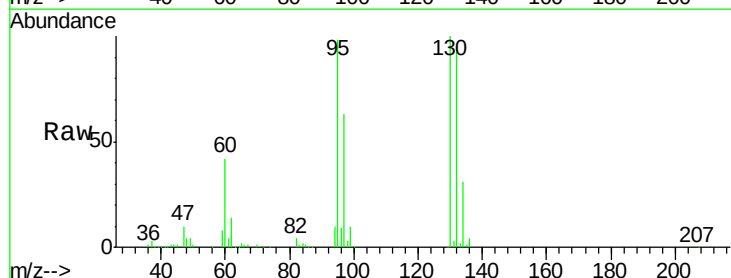
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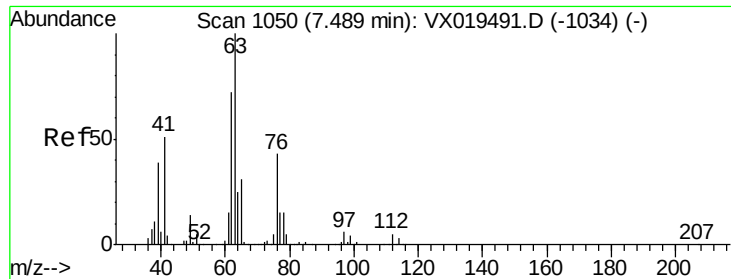
MMDadoda
11/30/2020 9:53:47 AM



#44
Trichloroethene
Concen: 49.240 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	191.2





#45

1,2-Dichloropropane

Concen: 50.169 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 160532

Ion Ratio Lower Upper

63 100

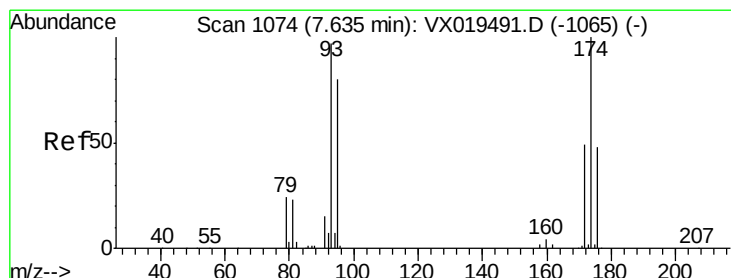
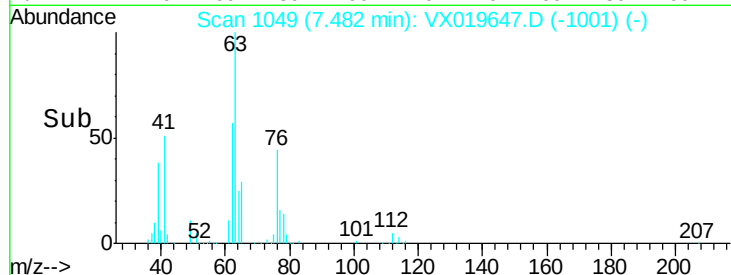
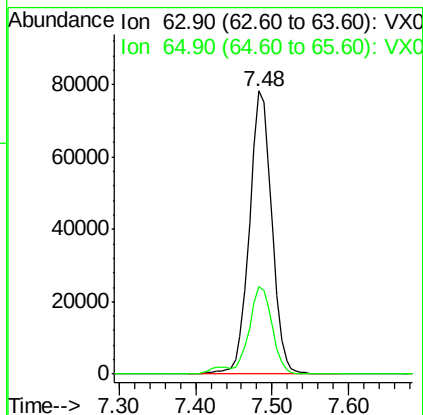
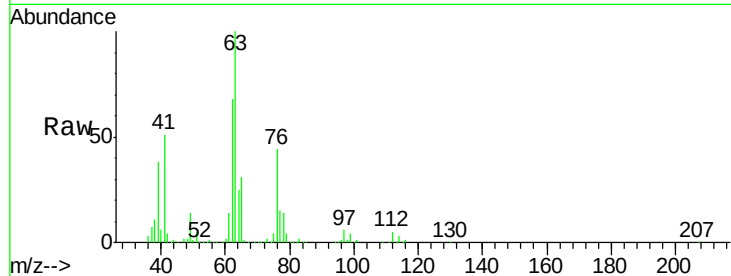
65 31.0 25.0 37.4

Manual Integrations

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#46

Dibromomethane

Concen: 50.726 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

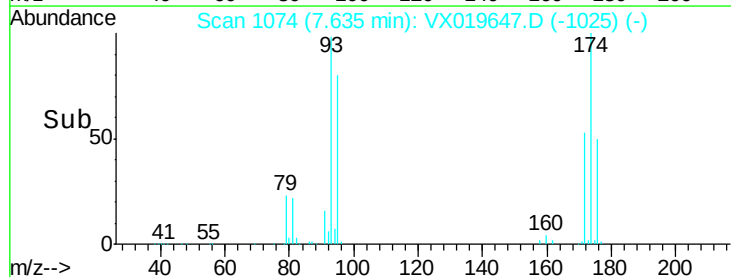
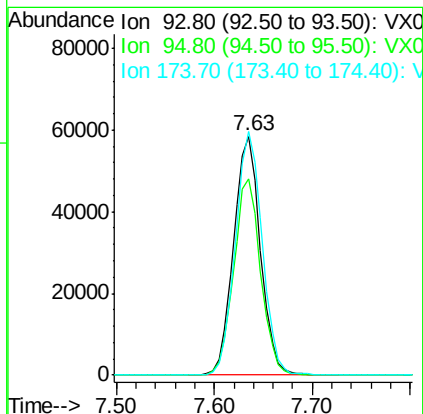
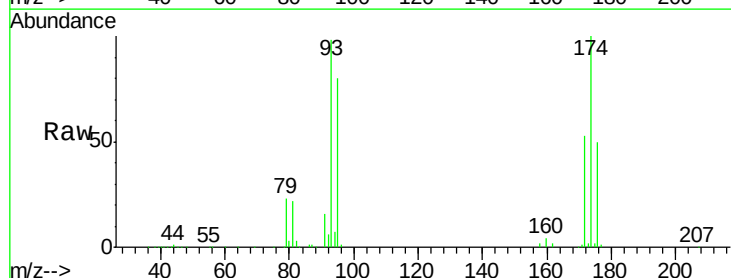
Tgt Ion: 93 Resp: 111092

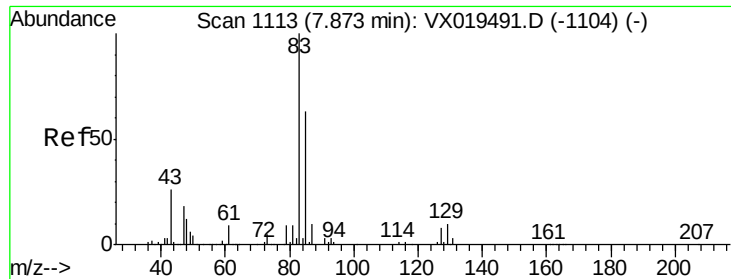
Ion Ratio Lower Upper

93 100

95 82.8 66.8 100.2

174 102.2 83.0 124.4





#47

Bromodichloromethane

Concen: 51.354 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

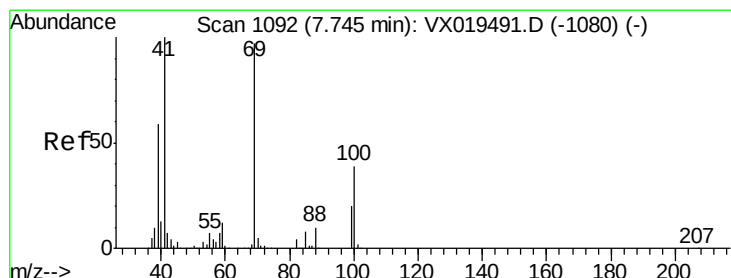
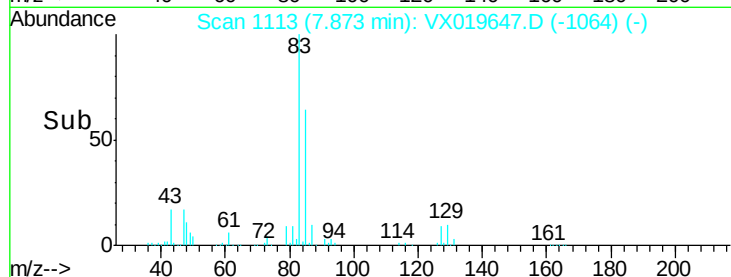
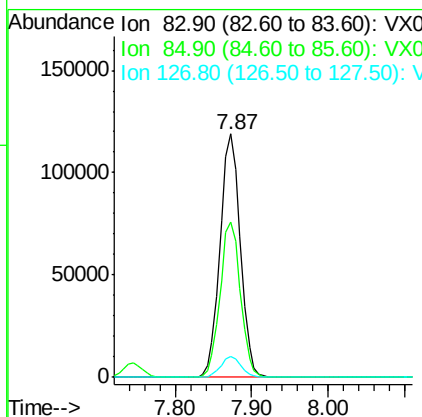
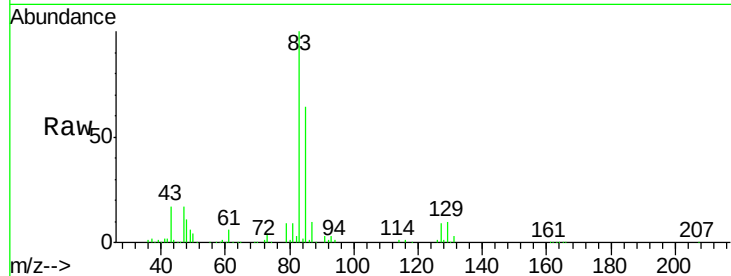
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	218241
Ion Ratio	Lower	Upper	
83	100		
85	63.9	50.2	75.2
127	8.8	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.614 ug/l

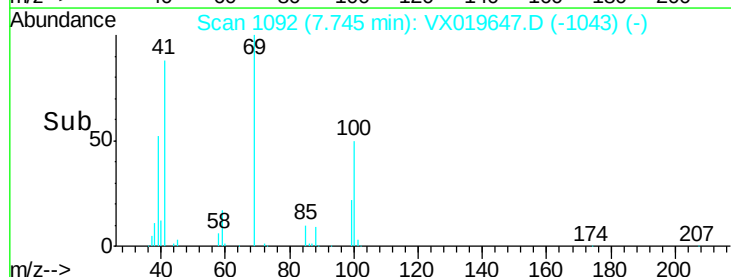
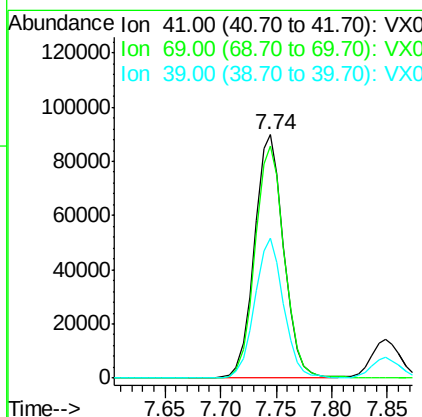
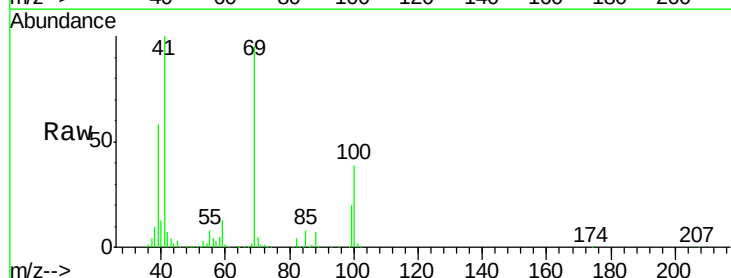
RT: 7.74 min Scan# 1092

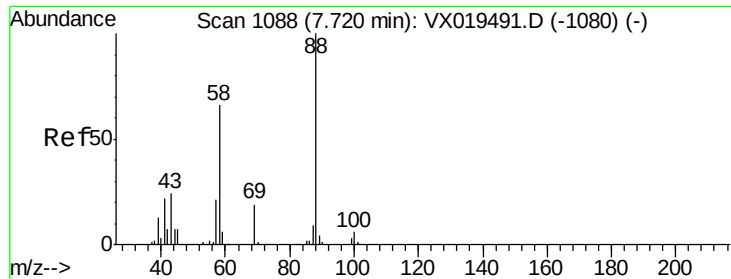
Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Tgt Ion:	41	Resp:	164502
Ion Ratio	Lower	Upper	
41	100		
69	95.7	77.0	115.6
39	56.6	45.6	68.4





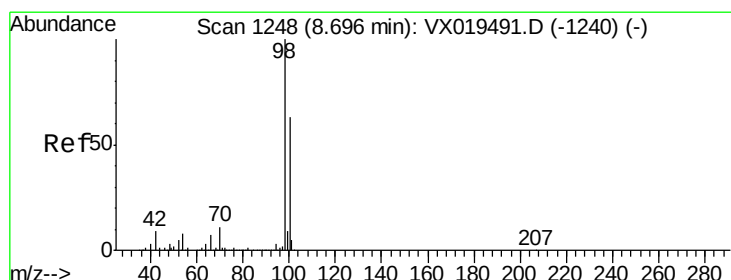
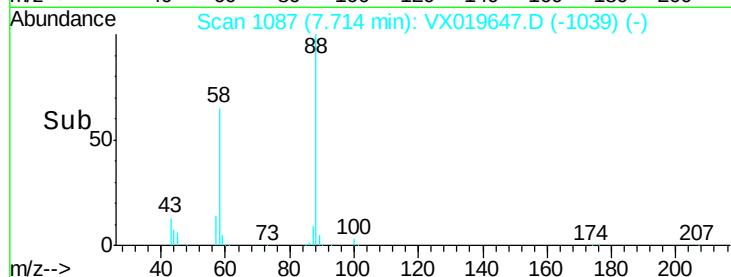
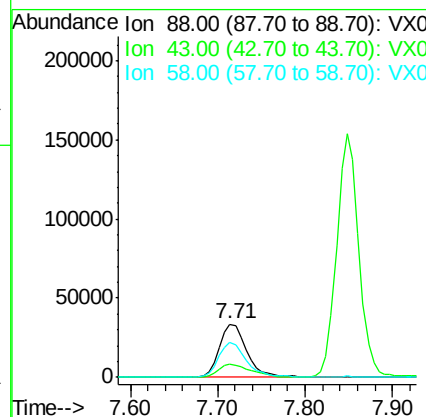
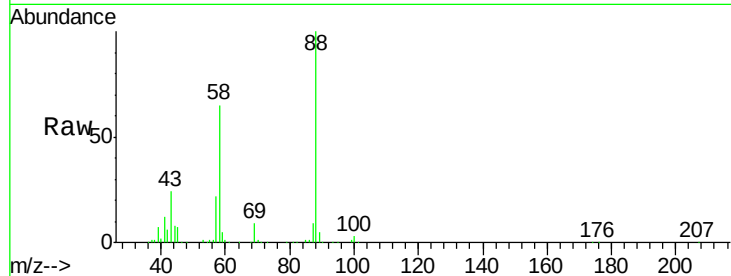
#49
1,4-Dioxane
Concen: 1046.222 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	74271
Ion	Ratio	Lower	Upper
88	100		
43	29.1	23.8	35.6
58	67.3	54.2	81.2

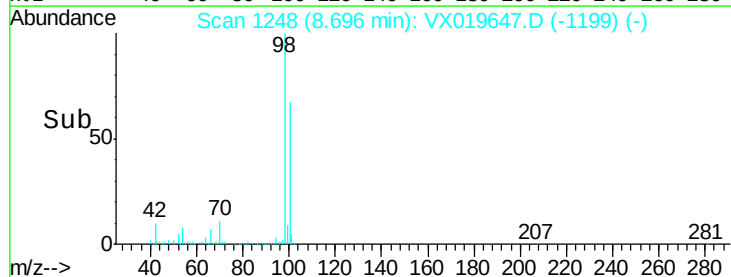
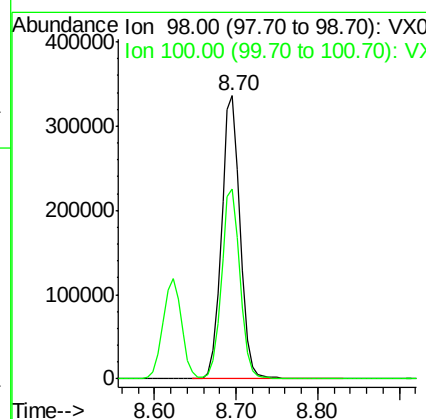
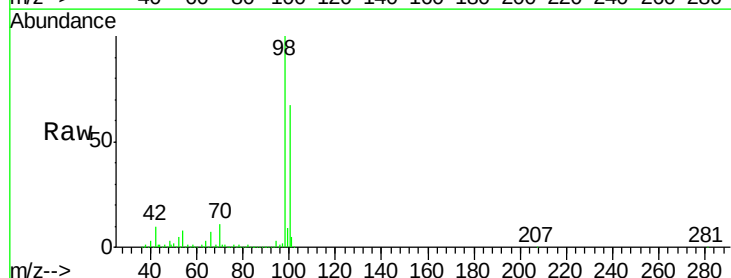
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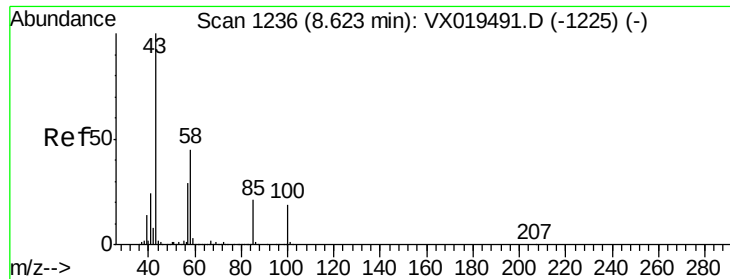
MMDadoda
11/30/2020 9:53:47 AM



#50
Toluene-d8
Concen: 48.566 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	98	Resp	534544
Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.4	78.6





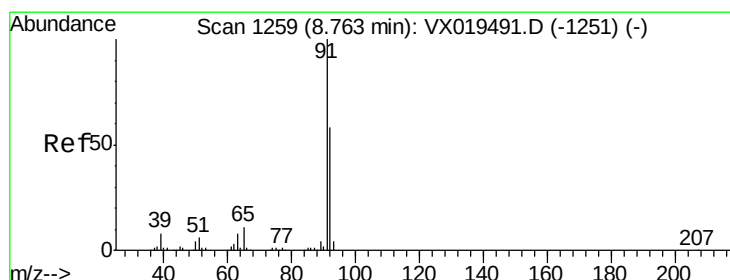
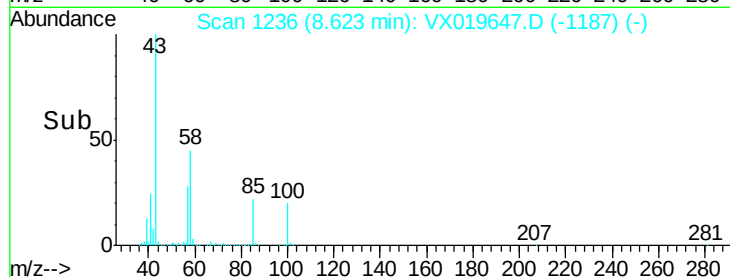
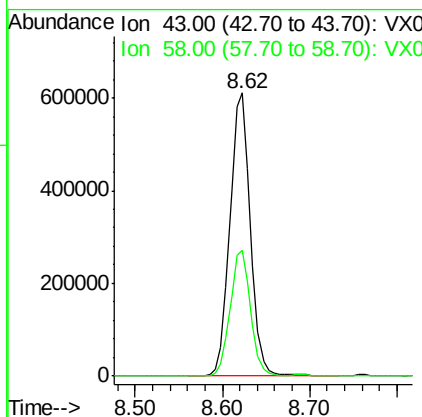
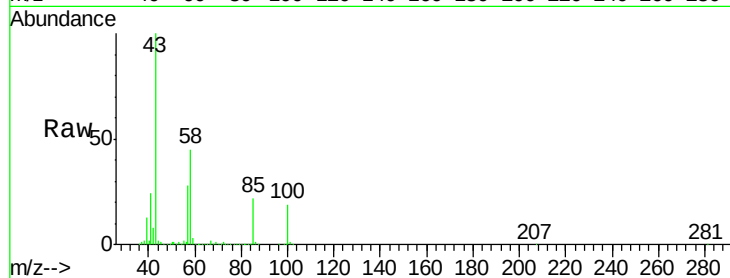
#51
 4-Methyl-2-Pentanone
 Concen: 255.357 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	994106
Ion Ratio	100	Lower	Upper
43	100		
58	44.3	35.1	52.7

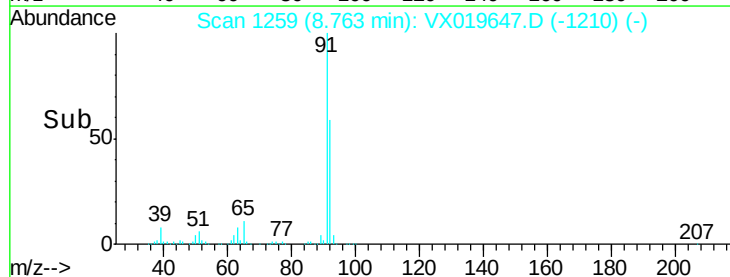
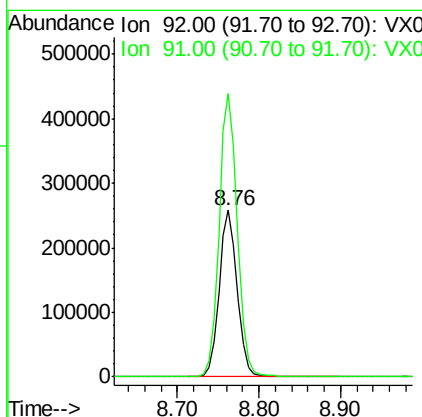
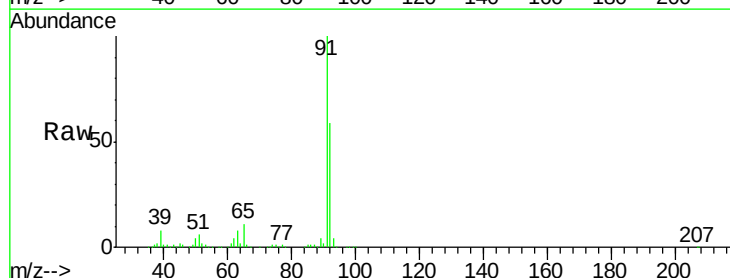
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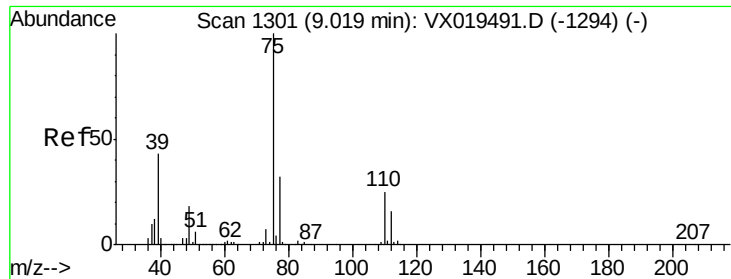
MMDadoda
 11/30/2020 9:53:47 AM



#52
 Toluene
 Concen: 49.765 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Tgt Ion	92	Resp	395703
Ion Ratio	100	Lower	Upper
92	100		
91	172.0	138.1	207.1





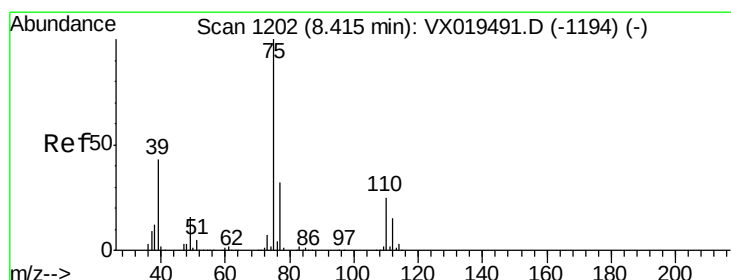
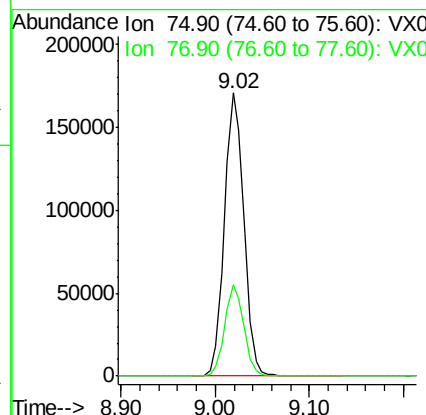
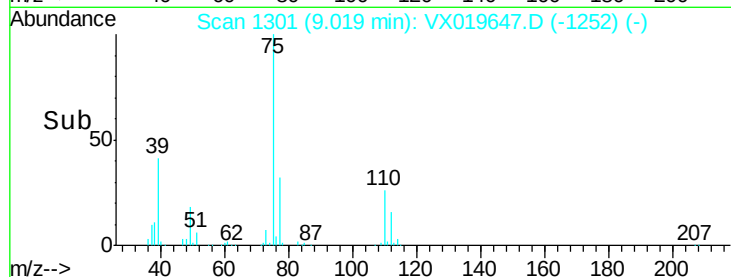
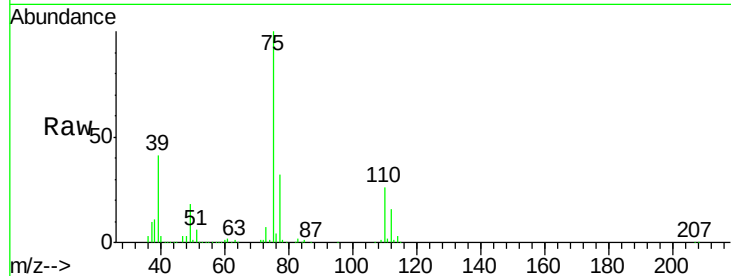
#53
t-1,3-Dichloropropene
Concen: 53.347 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 244842
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9

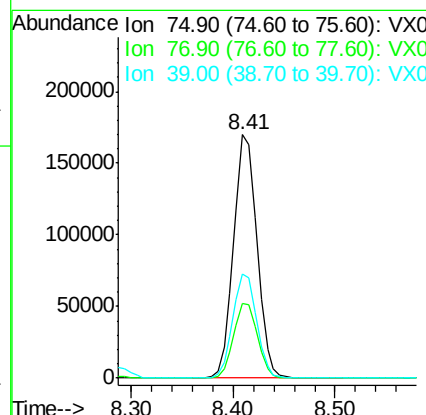
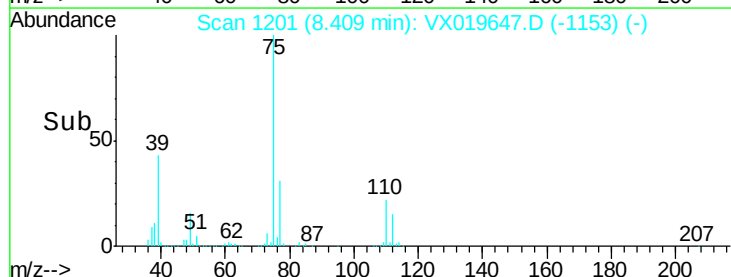
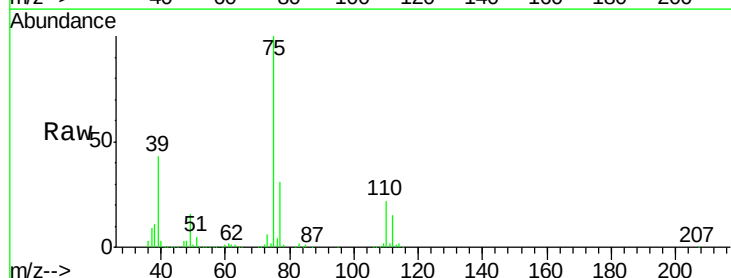
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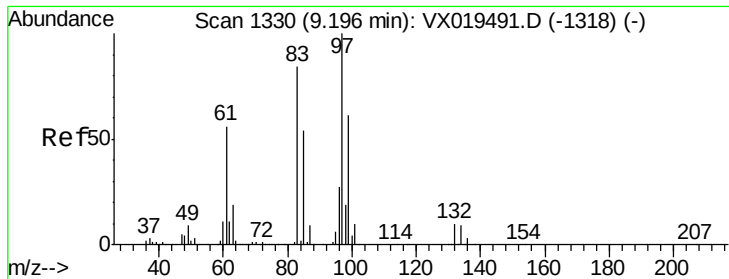
MMDadoda
11/30/2020 9:53:47 AM



#54
cis-1,3-Dichloropropene
Concen: 52.815 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion: 75 Resp: 269006
Ion Ratio Lower Upper
75 100
77 30.5 25.8 38.6
39 42.8 34.6 51.8





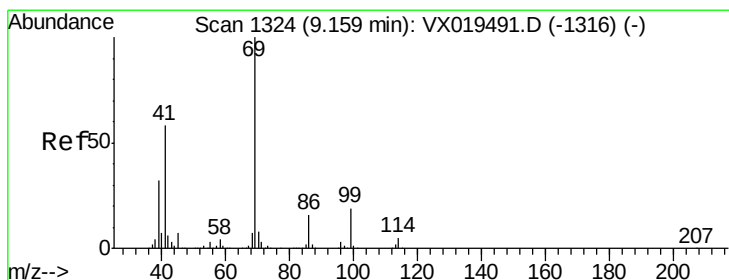
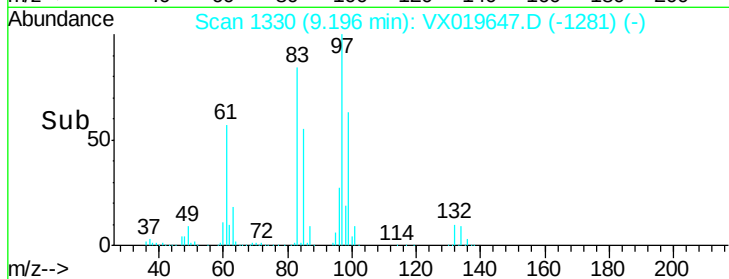
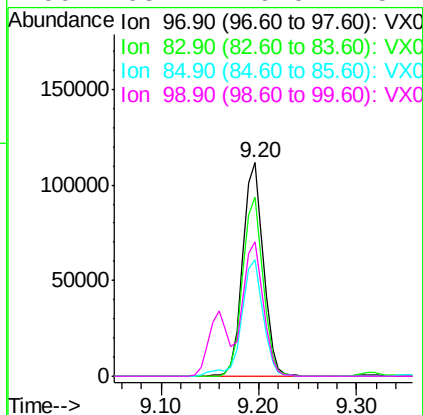
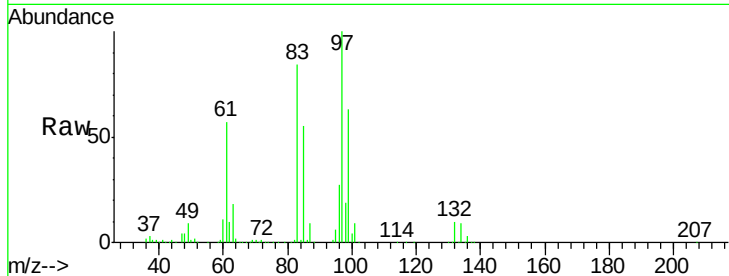
#55
 1,1,2-Trichloroethane
 Concen: 50.666 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	164074
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.0	100.6
85	54.6	43.4	65.0
99	63.2	49.0	73.4

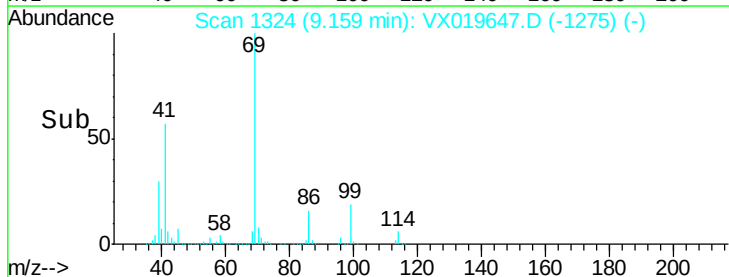
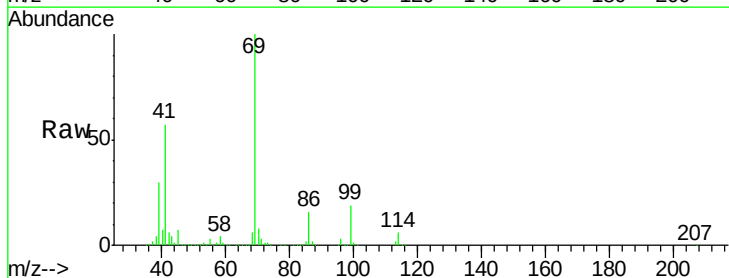
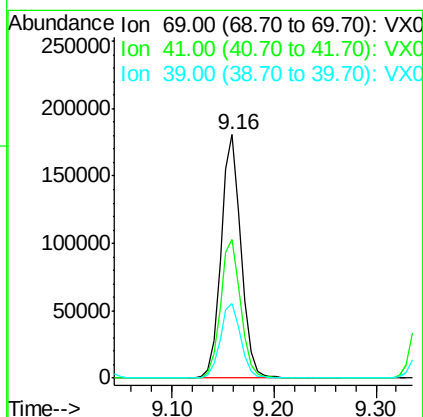
Manual Integrations
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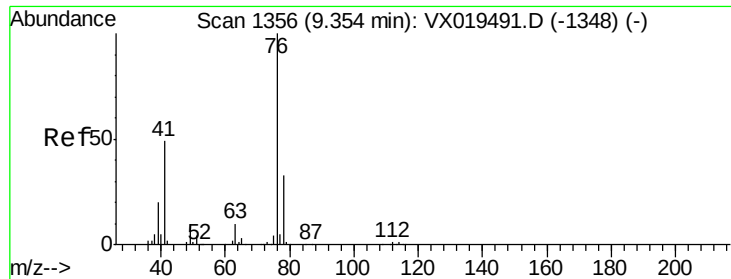
MMDadoda
 11/30/2020 9:53:47 AM



#56
 Ethyl methacrylate
 Concen: 53.697 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Tgt Ion:	69	Resp:	246054
Ion	Ratio	Lower	Upper
69	100		
41	57.8	46.2	69.2
39	31.6	25.5	38.3





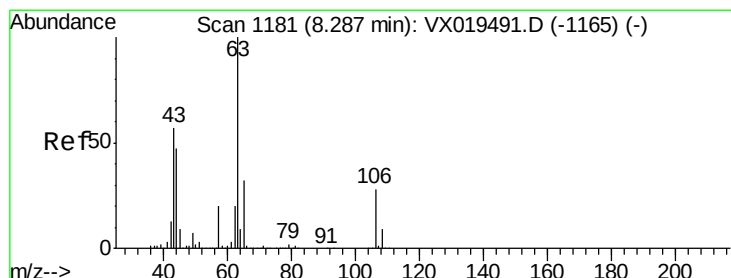
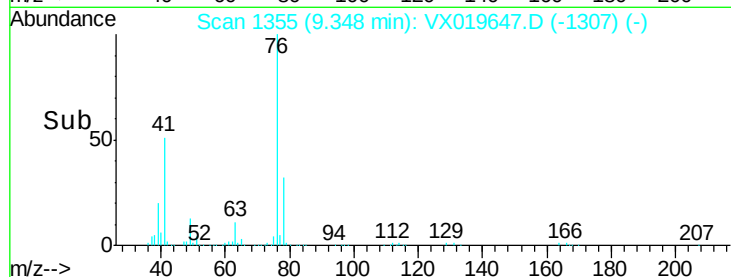
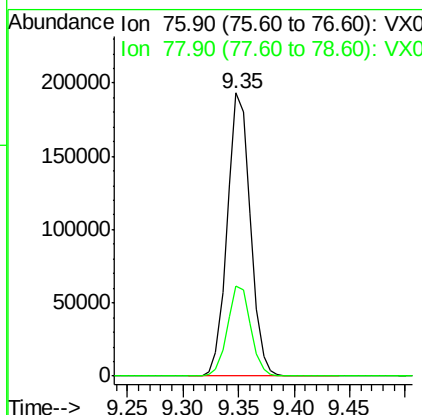
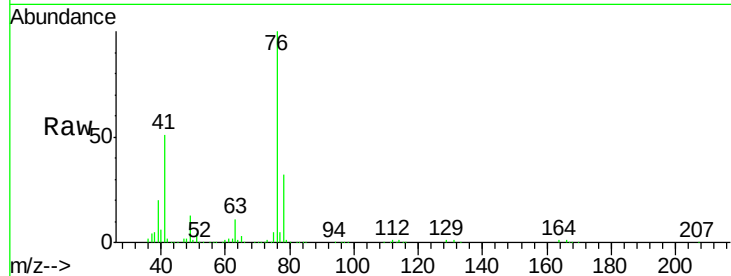
#57
 1,3-Dichloropropane
 Concen: 51.207 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 277629
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5

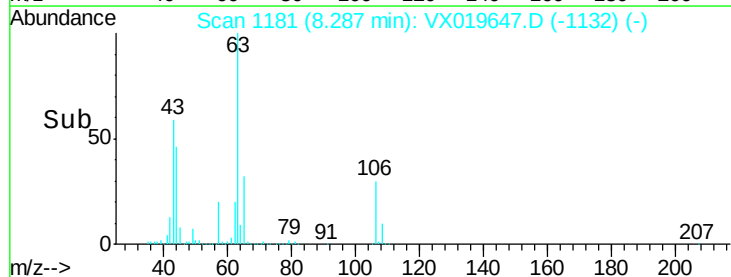
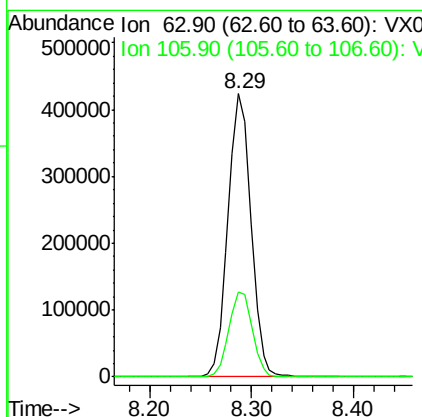
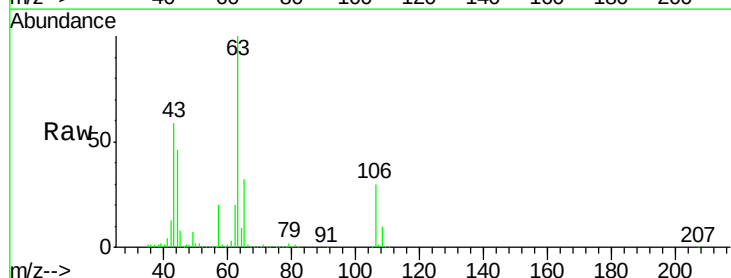
Manual Integrations
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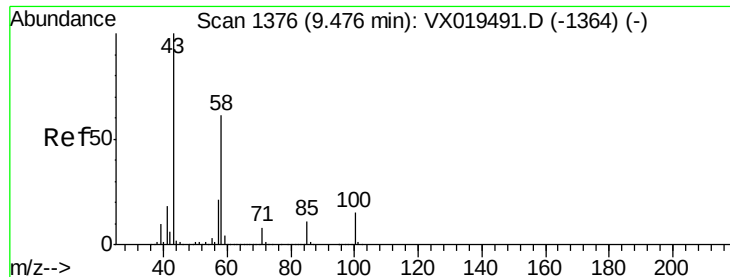
MMDadoda
 11/30/2020 9:53:47 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.064 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Tgt Ion: 63 Resp: 660683
 Ion Ratio Lower Upper
 63 100
 106 30.6 23.7 35.5





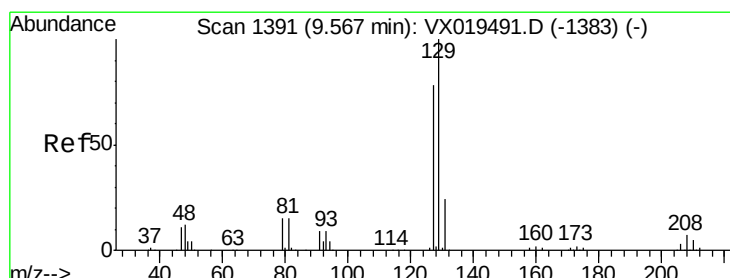
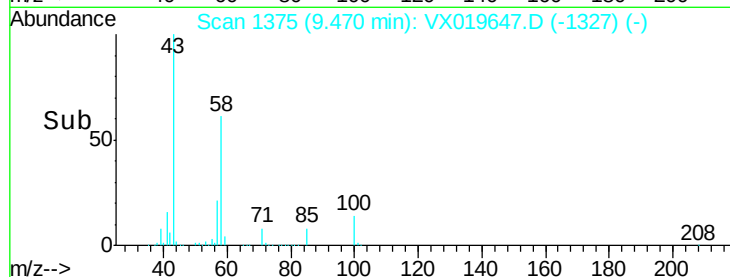
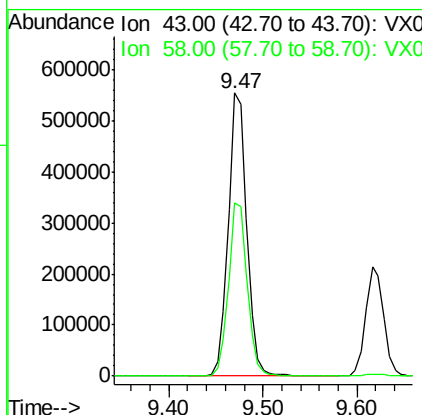
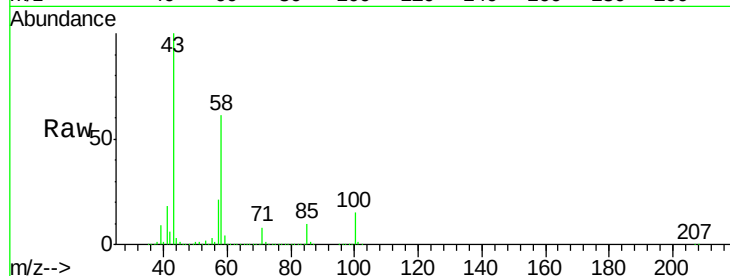
#59
2-Hexanone
Concen: 255.735 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 755066
Ion Ratio Lower Upper
43 100
58 62.0 30.6 91.6

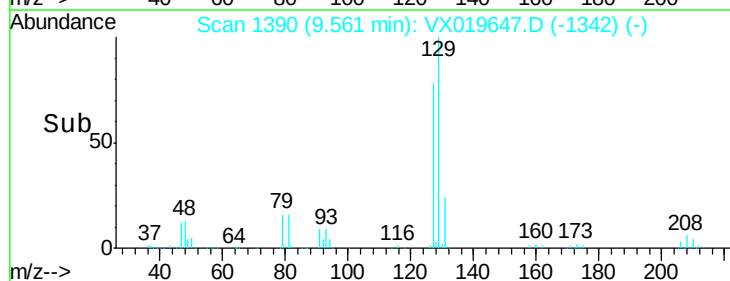
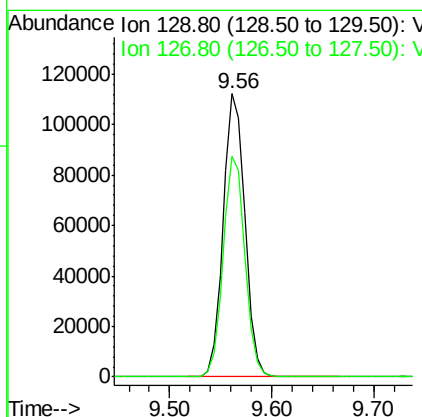
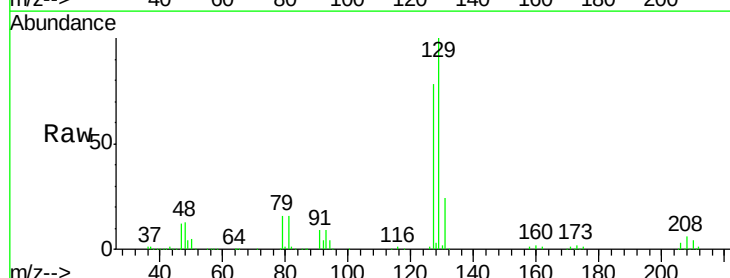
Manual Integrations
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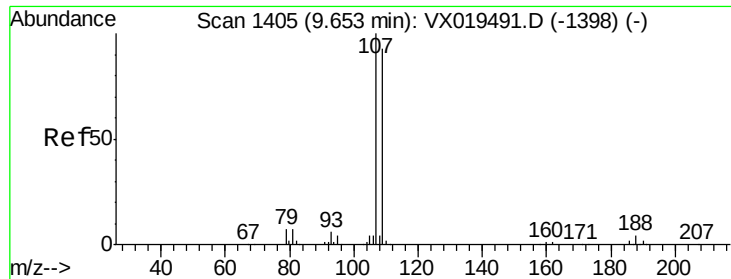
MMDadoda
11/30/2020 9:53:47 AM



#60
Dibromochloromethane
Concen: 52.234 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion: 129 Resp: 165684
Ion Ratio Lower Upper
129 100
127 77.9 39.0 116.9





#61

1,2-Dibromoethane

Concen: 50.895 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 169890

Ion Ratio Lower Upper

107 100

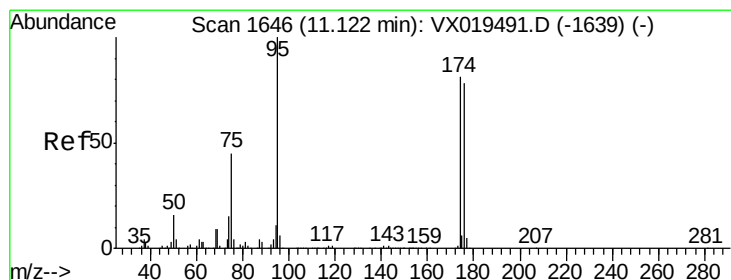
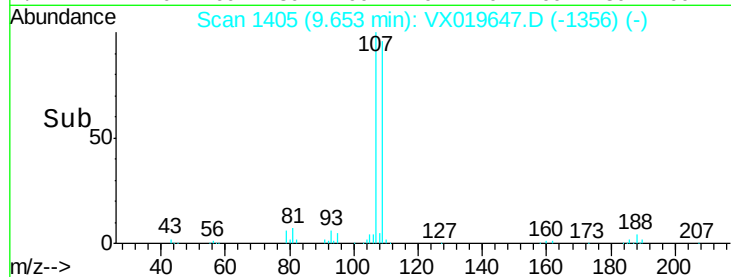
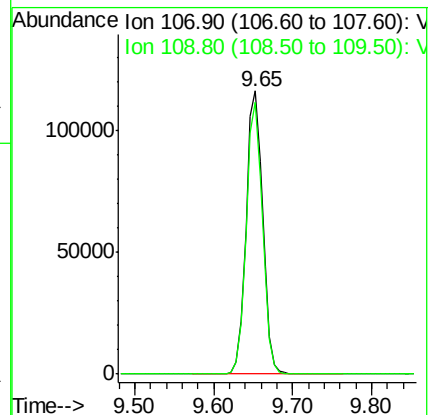
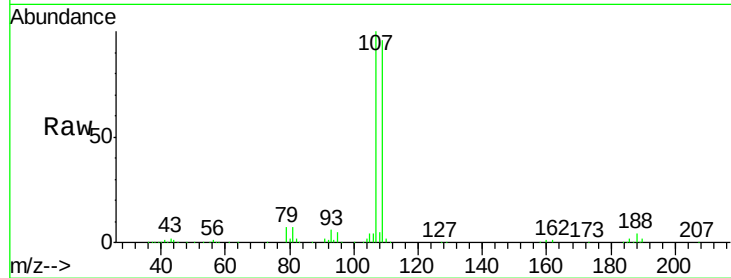
109 94.2 74.8 112.2

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#62

4-Bromofluorobenzene

Concen: 50.806 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

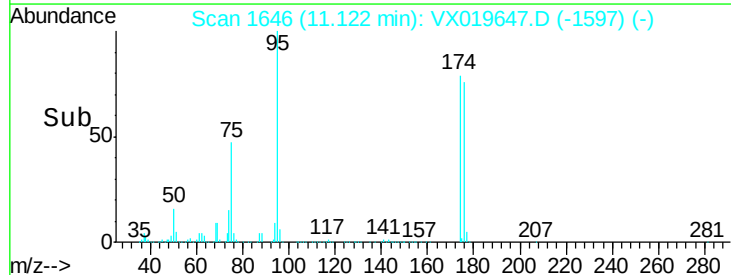
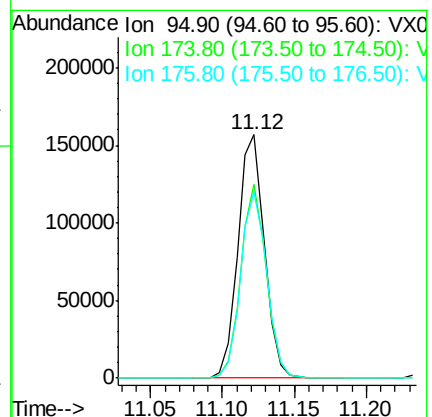
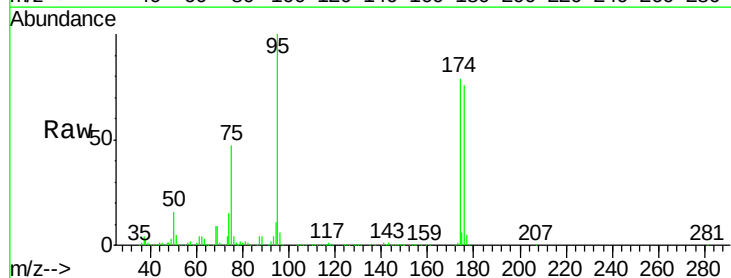
Tgt Ion: 95 Resp: 201193

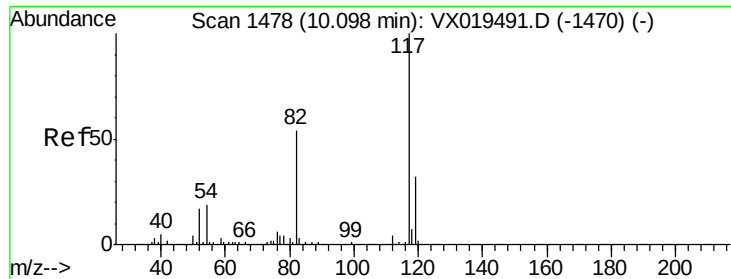
Ion Ratio Lower Upper

95 100

174 76.7 0.0 156.2

176 75.6 0.0 151.4





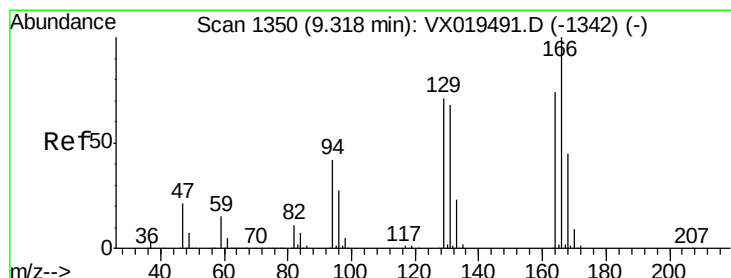
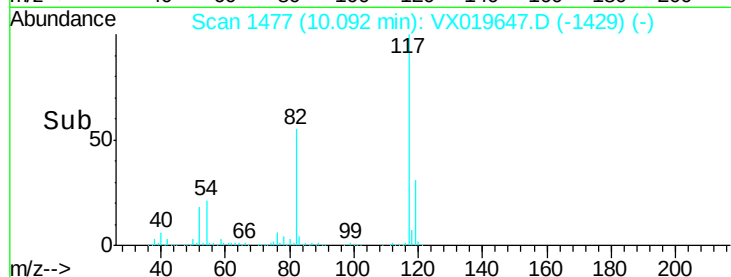
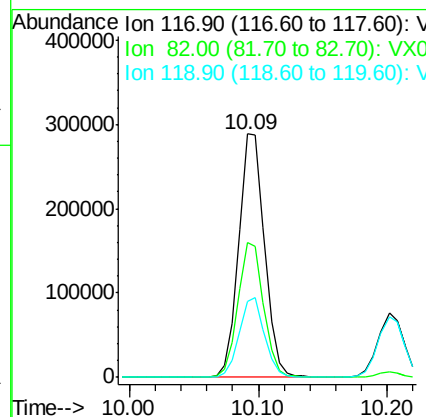
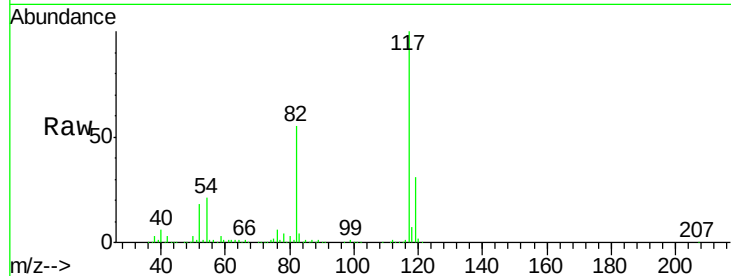
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	404960		
82	55.5	43.0	64.4	
119	31.0	25.6	38.4	

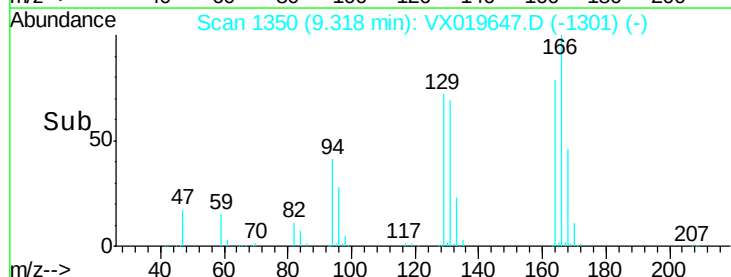
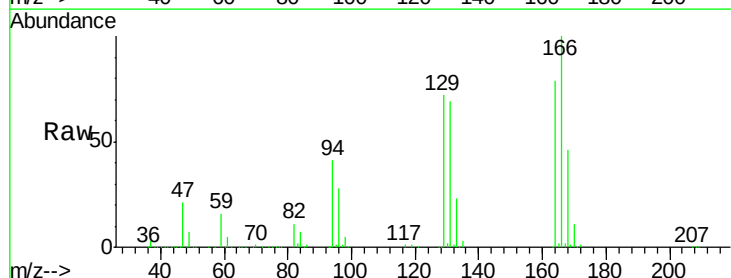
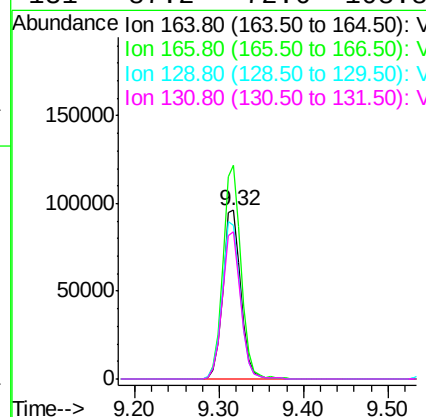
Manual Integrations
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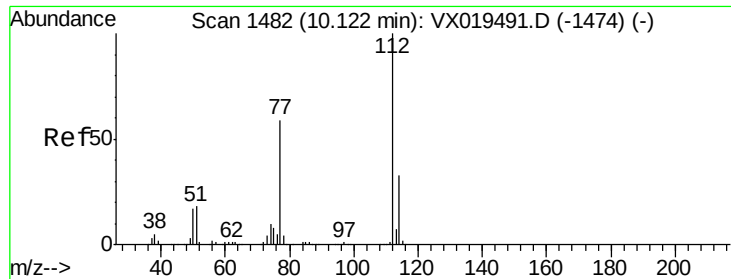
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#64
Tetrachloroethene
Concen: 44.469 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	141555		
166	126.9	107.4	161.0	
129	91.5	76.6	114.8	
131	87.2	72.6	108.8	





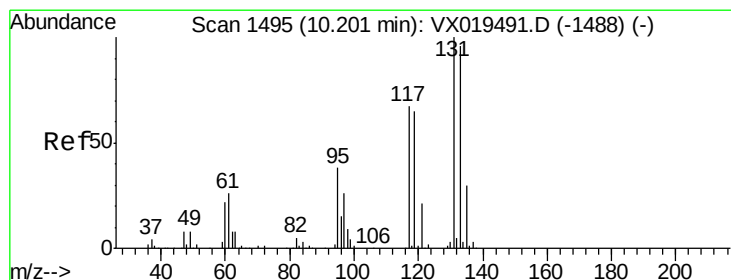
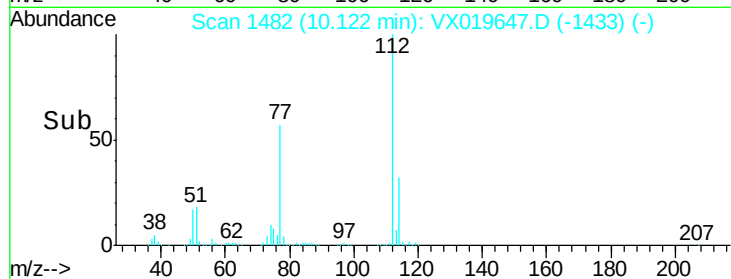
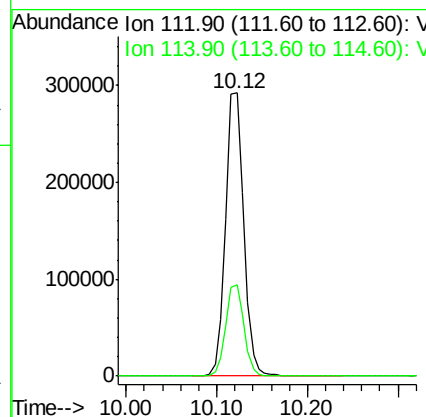
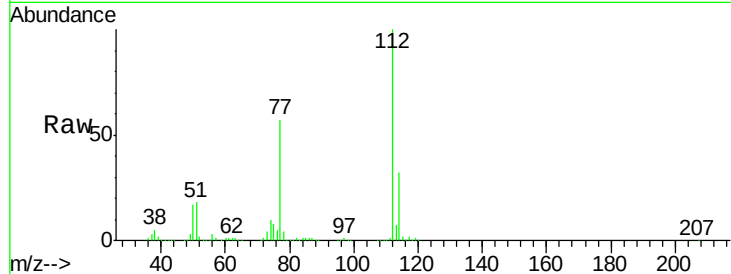
#65
Chlorobenzene
Concen: 49.267 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 410204
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0

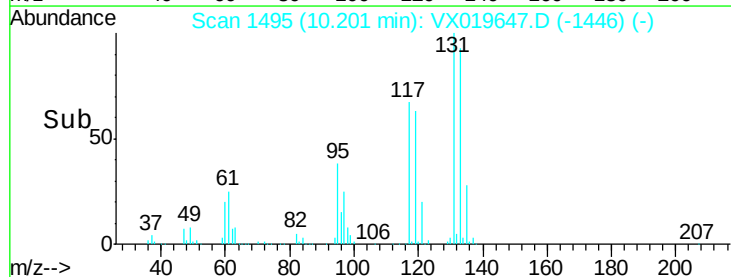
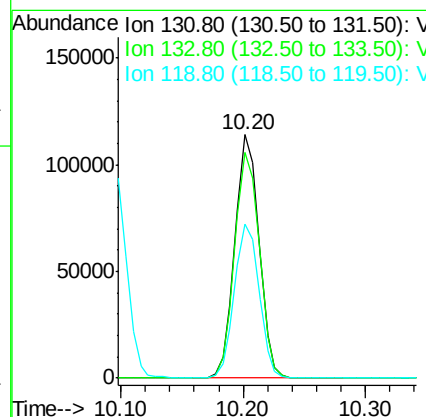
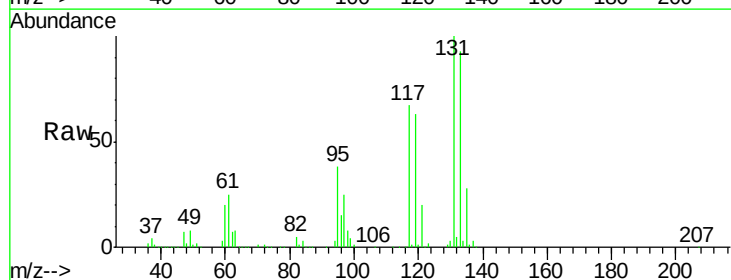
Manual Integrations
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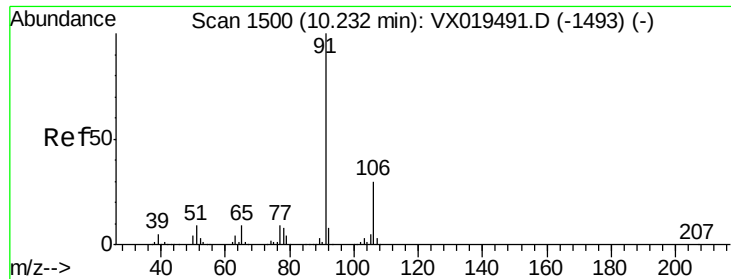
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.235 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion:131 Resp: 155165
Ion Ratio Lower Upper
131 100
133 95.2 48.5 145.5
119 64.9 33.0 99.0





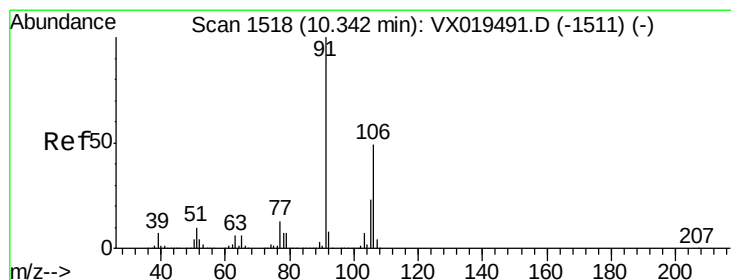
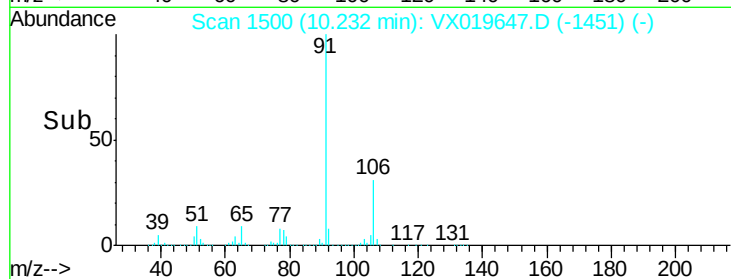
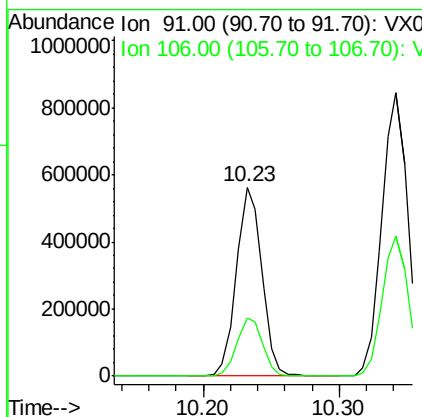
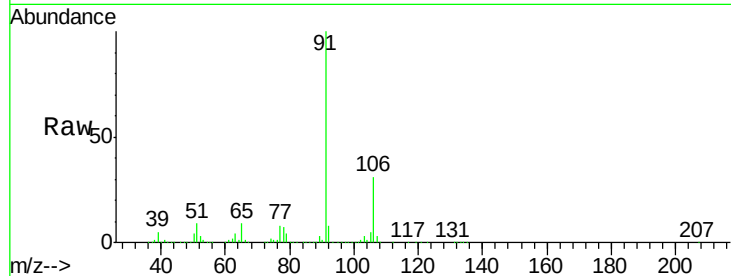
#67
Ethyl Benzene
Concen: 50.437 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.0	36.0

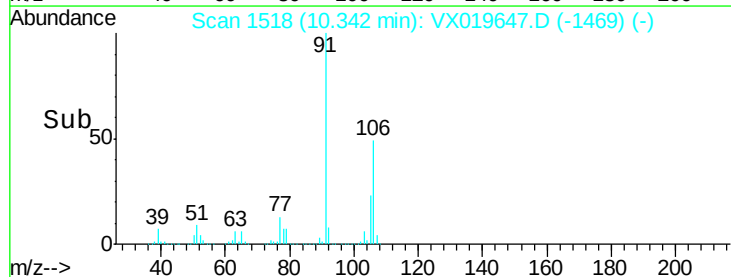
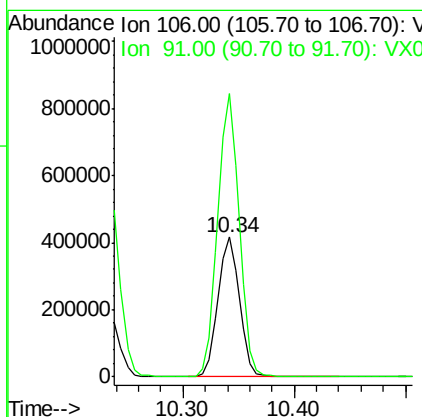
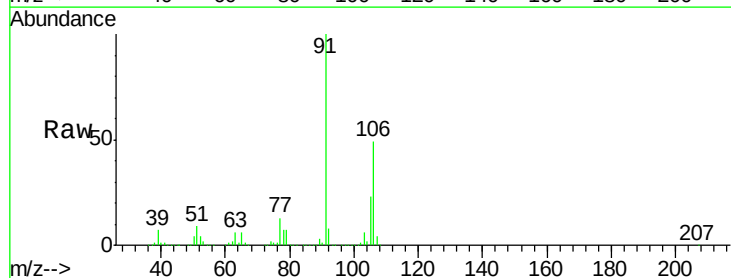
Manual Integrations
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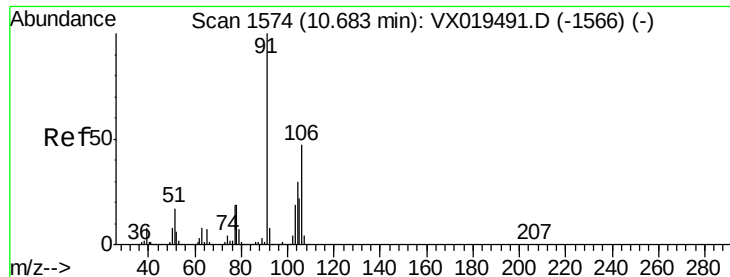
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#68
m/p-Xylenes
Concen: 102.823 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Lower	Upper
106	100		
91	202.7	163.3	244.9





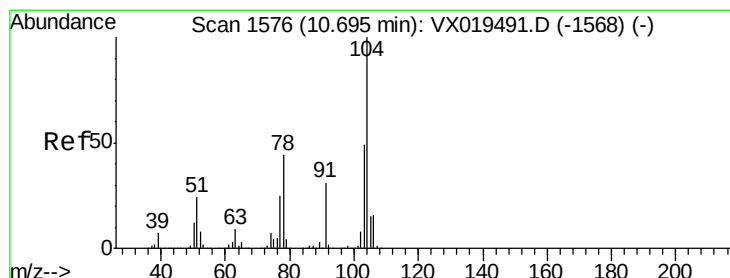
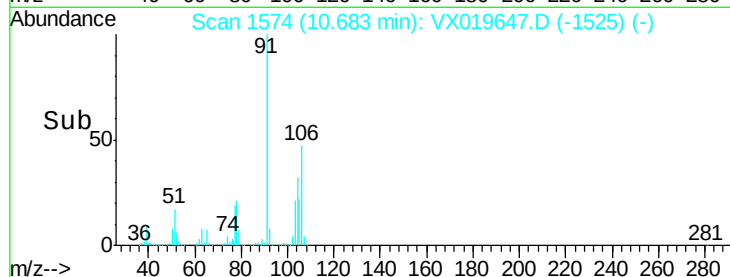
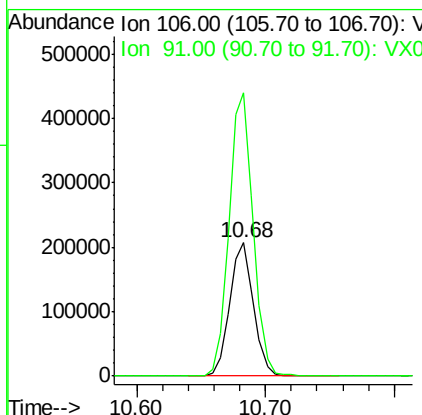
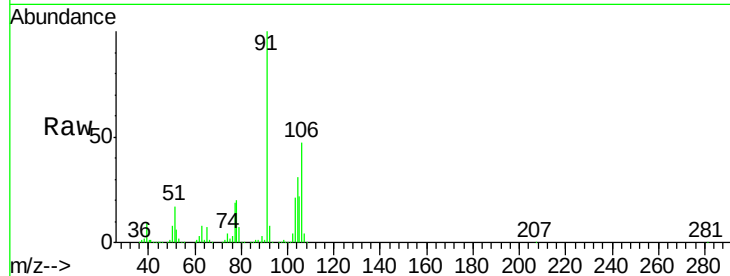
#69
o-Xylene
Concen: 51.334 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		266667		
91	215.3	108.0	324.0		

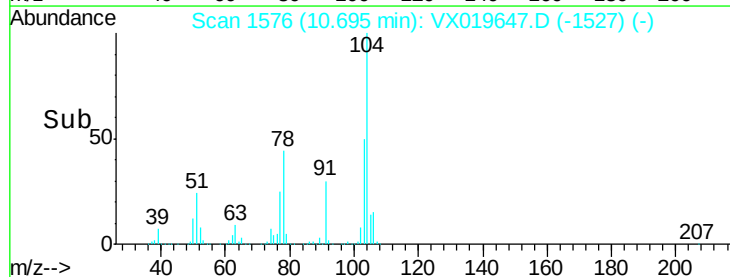
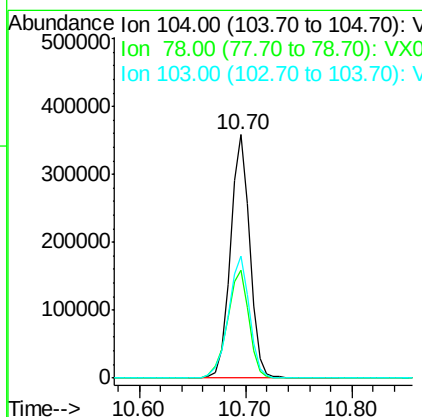
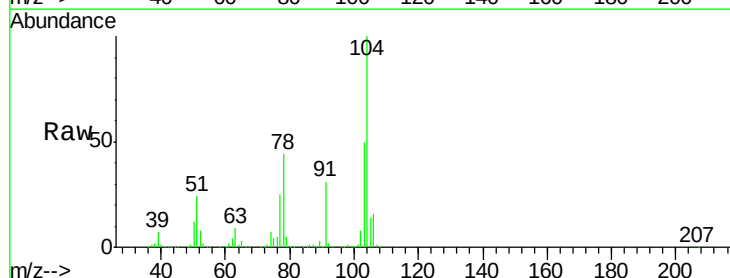
Manual Integrations
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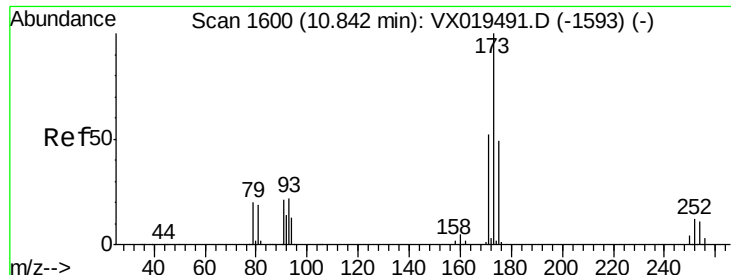
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#70
Styrene
Concen: 47.627 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		457193		
78	49.4	39.5	59.3		
103	54.4	43.6	65.4		





#71

Bromoform

Concen: 45.802 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 116668

Ion Ratio Lower Upper

173 100

175 50.8 24.9 74.8

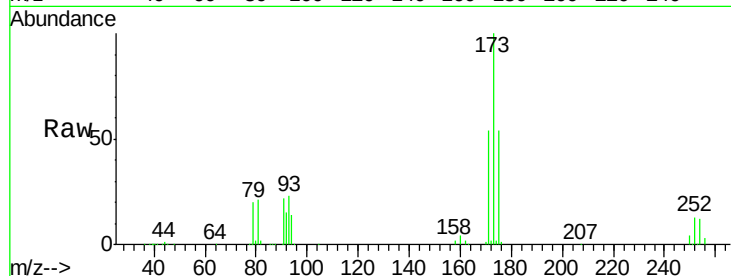
254 0.1 0.1 0.1#

Manual Integrations

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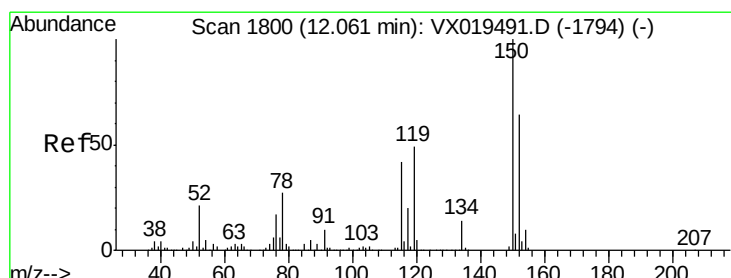
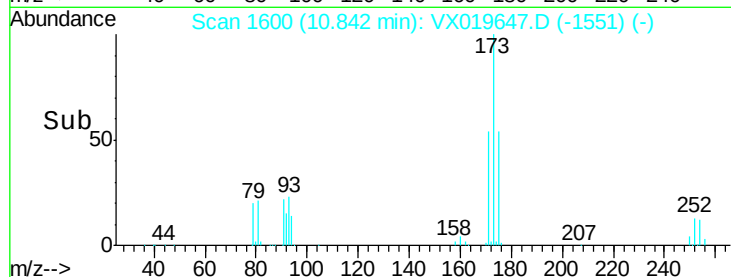
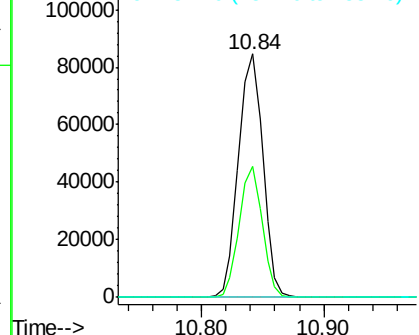
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX019647.D

Acq: 25 Nov 2020 10:05

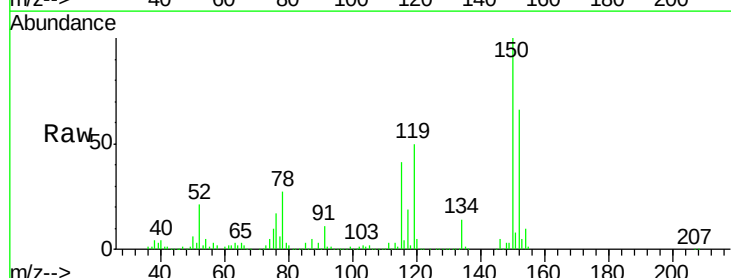
Tgt Ion:152 Resp: 199115

Ion Ratio Lower Upper

152 100

115 81.8 41.8 125.4

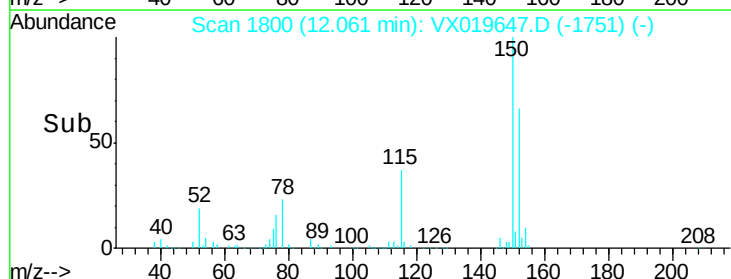
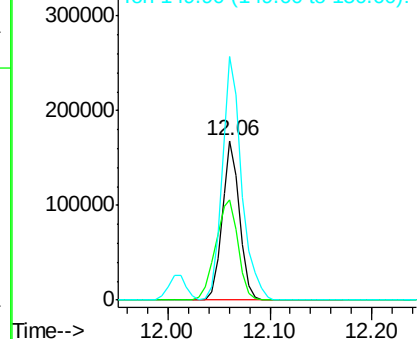
150 172.2 0.0 348.2

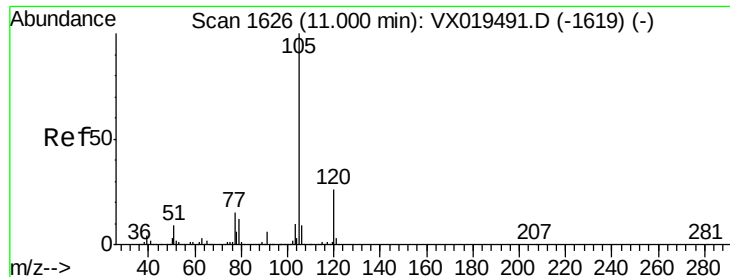


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.466 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 722685

Ion Ratio Lower Upper

105 100

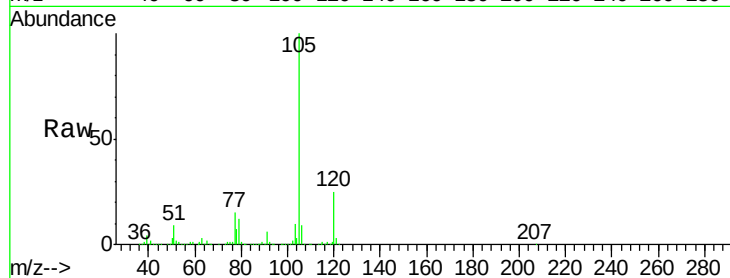
120 25.9 13.0 39.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

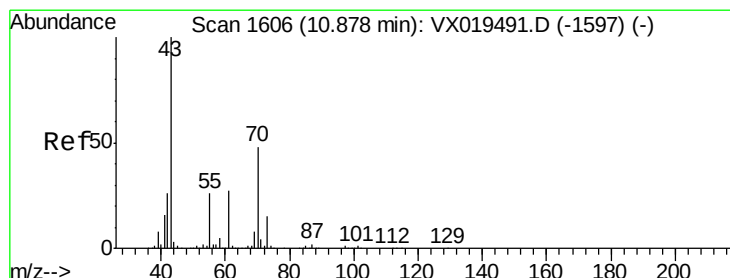
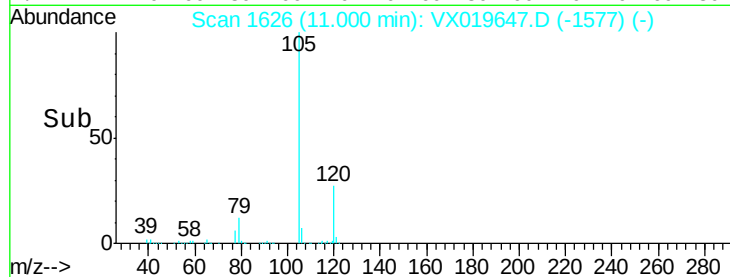
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 54.520 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Tgt Ion: 43 Resp: 281403

Ion Ratio Lower Upper

43 100

70 50.3 39.7 59.5

55 27.0 21.8 32.6

61 28.1 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

10.88

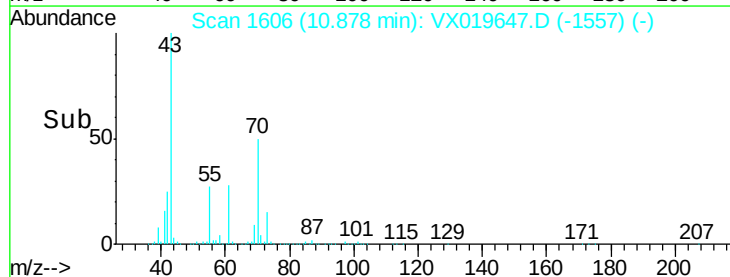
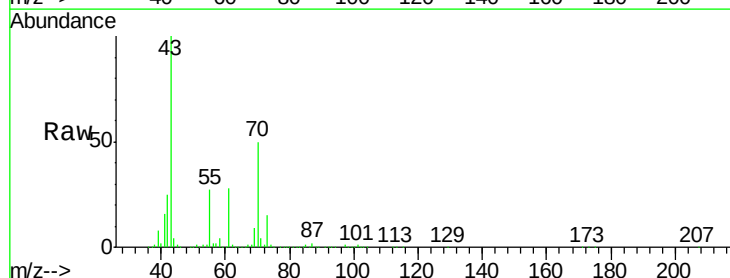
300000

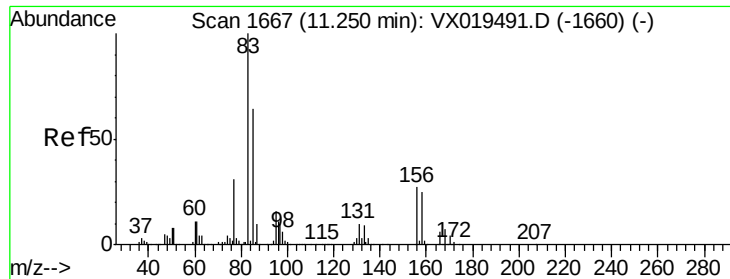
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 50.265 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 247599

Ion Ratio Lower Upper

83 100

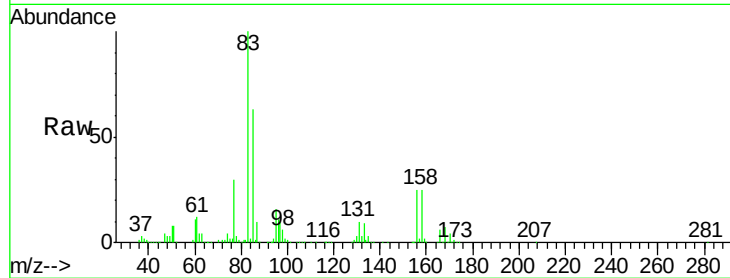
131 10.1 5.0 15.0

85 64.4 32.4 97.2

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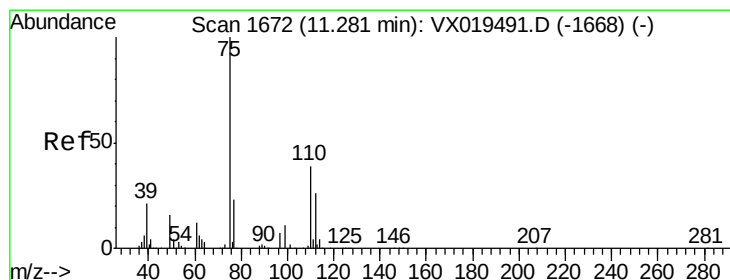
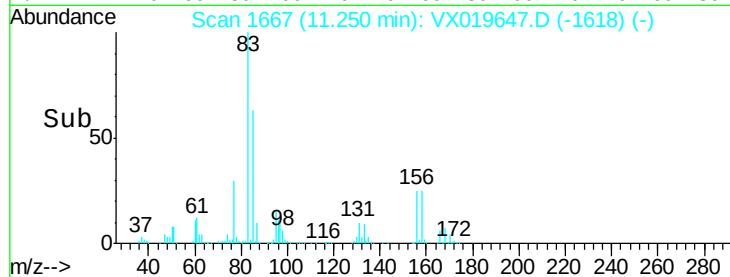
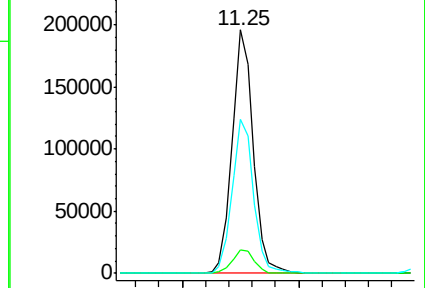
11/30/2020 9:53:47 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.399 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019647.D

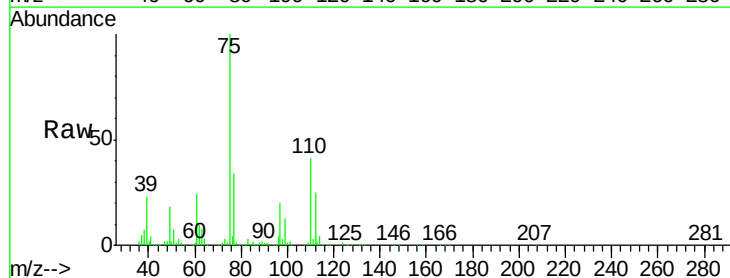
Acq: 25 Nov 2020 10:05

Tgt Ion: 75 Resp: 223346

Ion Ratio Lower Upper

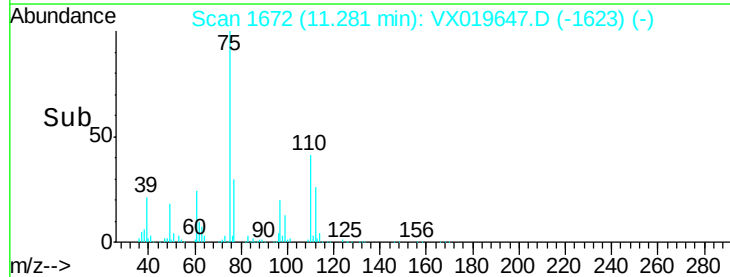
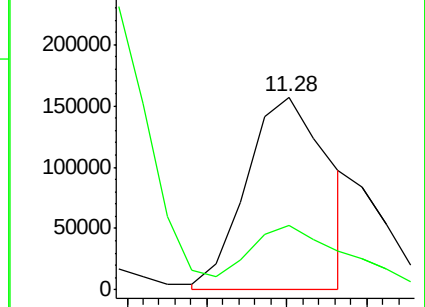
75 100

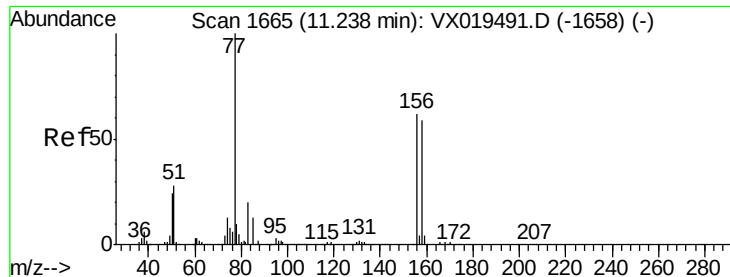
77 40.5 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





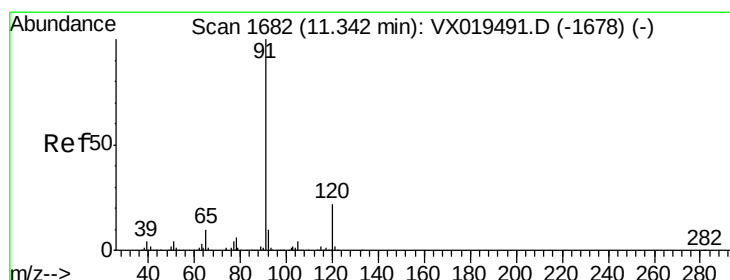
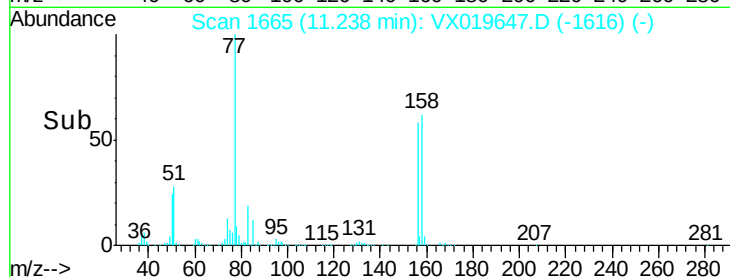
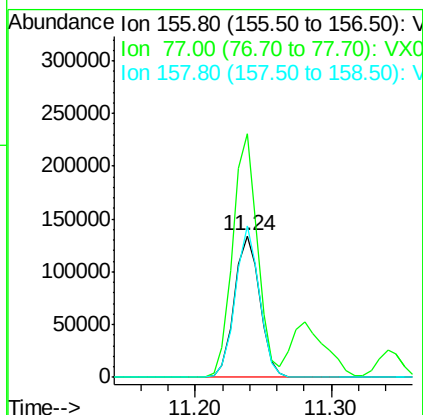
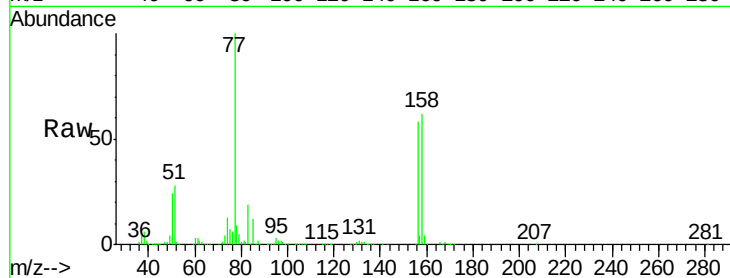
#77
Bromobenzene
Concen: 49.605 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	168.3	82.5	247.3
158	100.9	48.9	146.7

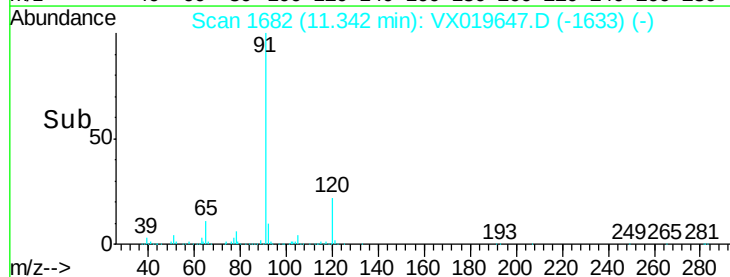
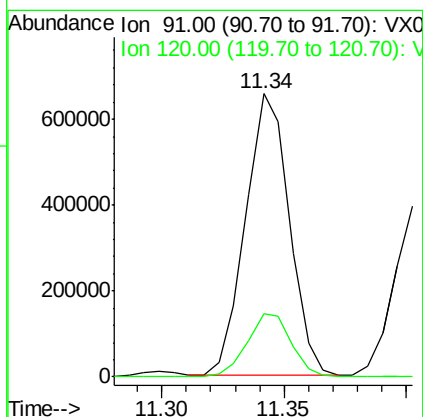
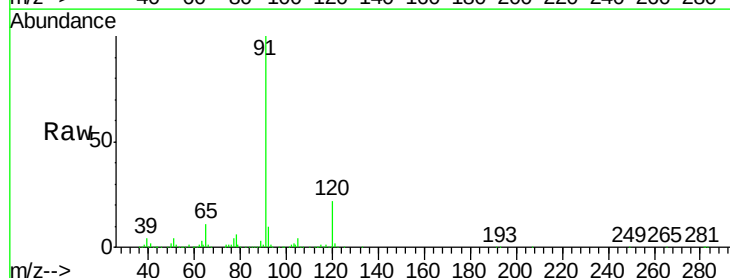
Manual Integrations
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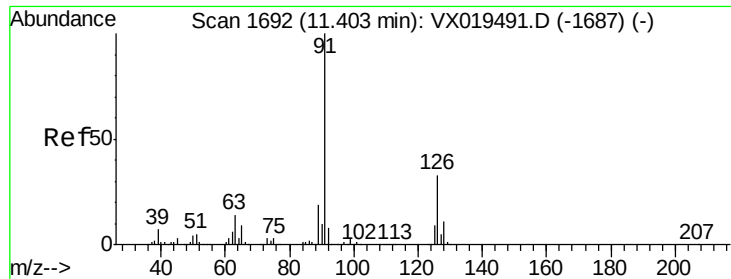
MMDadoda
11/30/2020 9:53:47 AM



#78
n-propylbenzene
Concen: 51.721 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.5	34.4





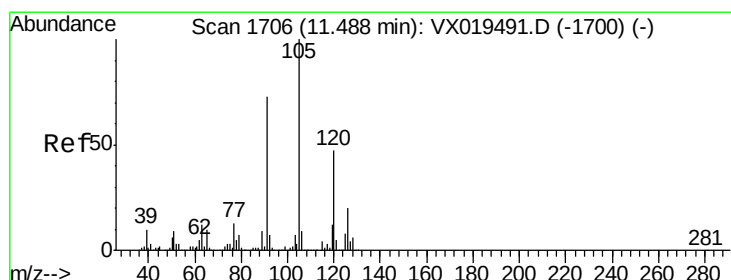
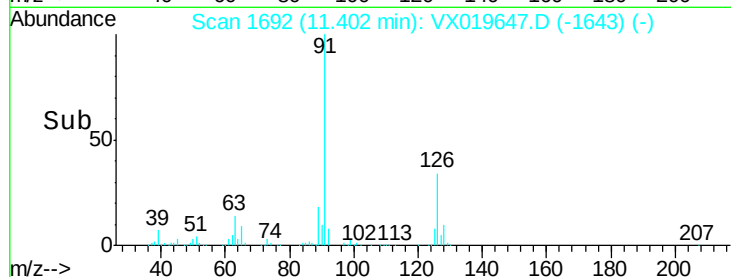
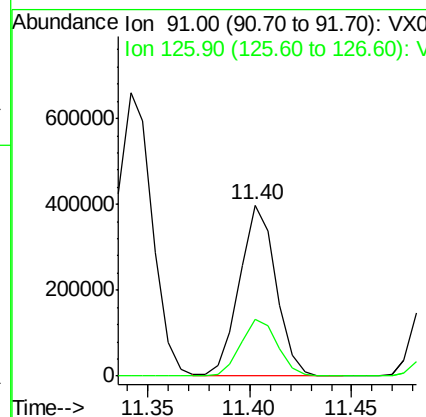
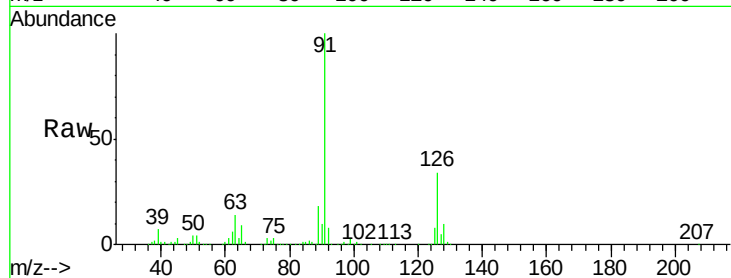
#79
2-Chlorotoluene
Concen: 51.041 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 489134
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.0

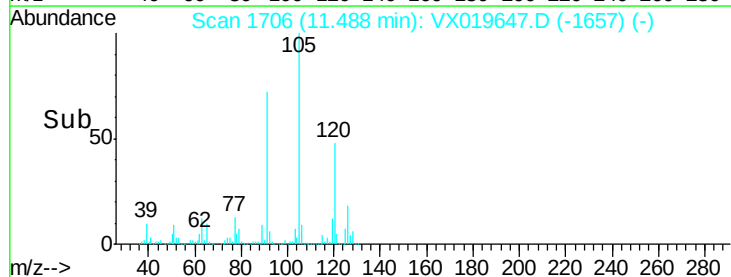
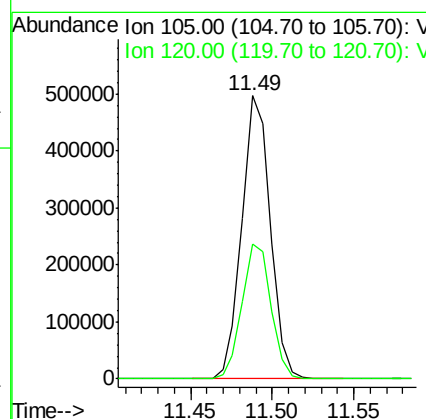
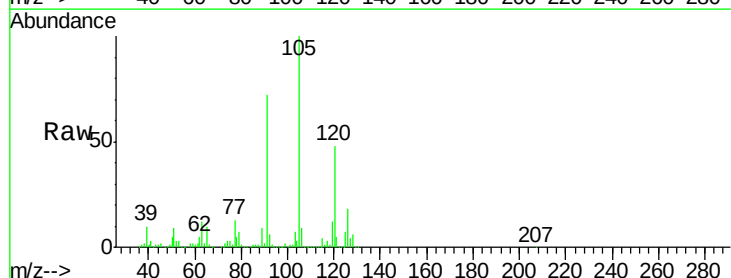
Manual Integrations
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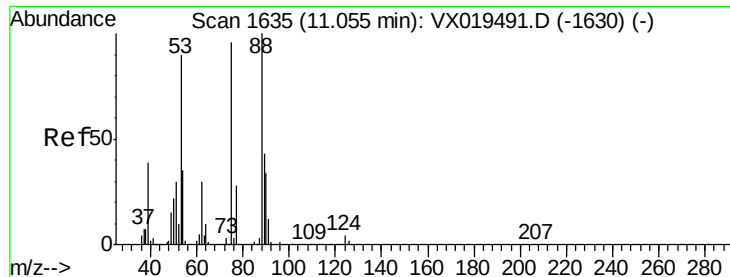
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 52.251 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion: 105 Resp: 603764
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3





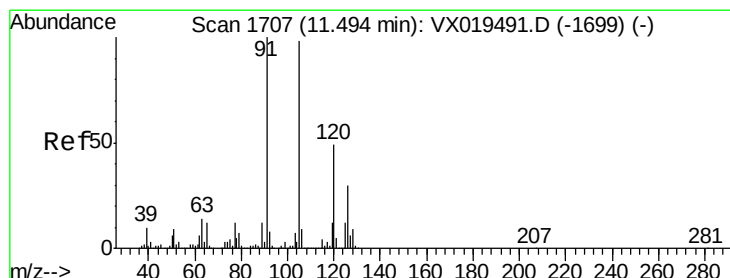
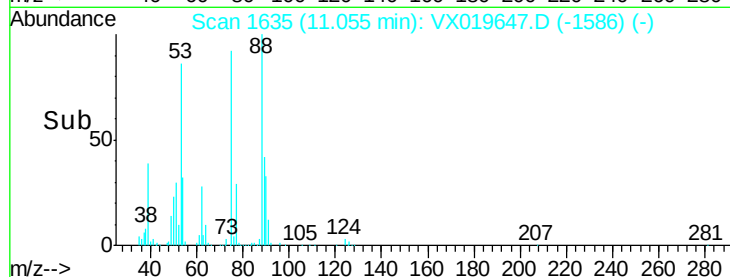
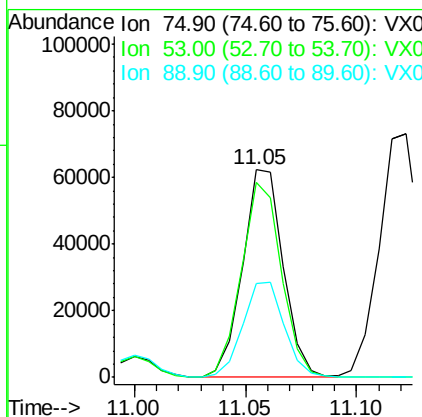
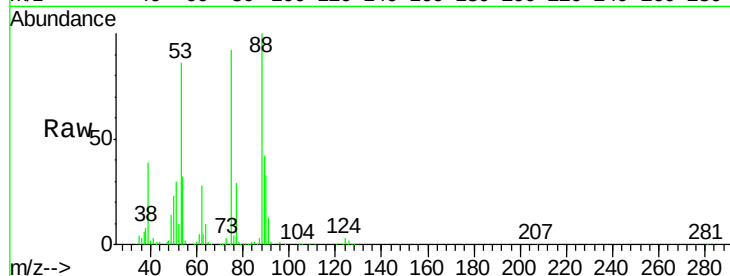
#81
trans-1,4-Dichloro-2-butene
Concen: 49.310 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.0	73.9	110.9
89	47.3	37.3	55.9

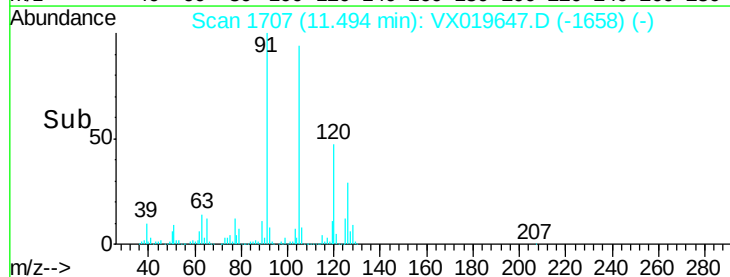
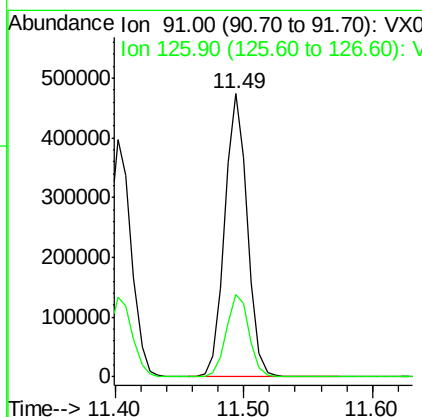
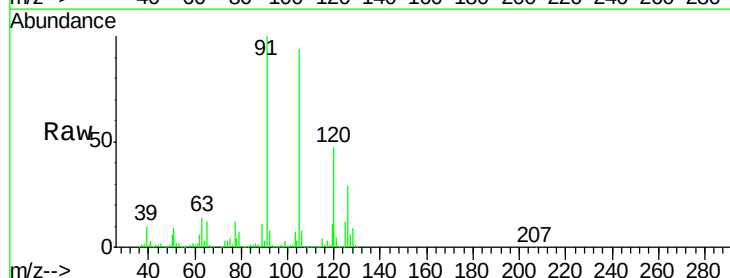
Manual Integrations
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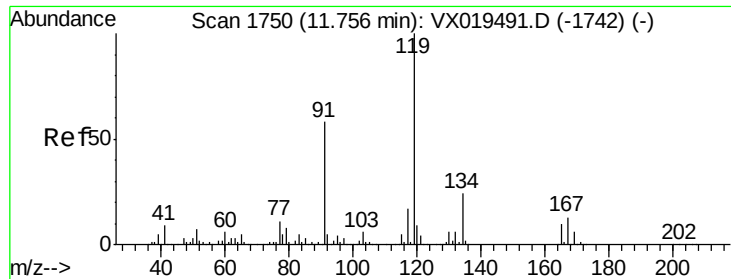
MMDadoda
11/30/2020 9:53:47 AM



#82
4-Chlorotoluene
Concen: 51.760 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.9	44.7





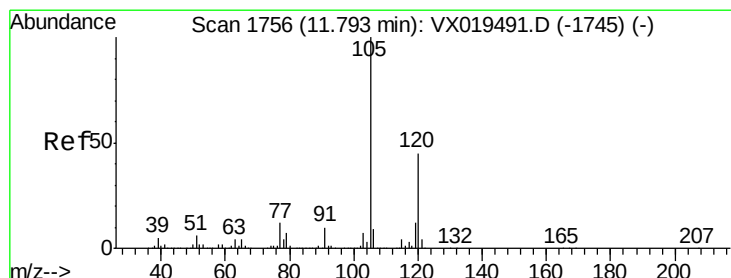
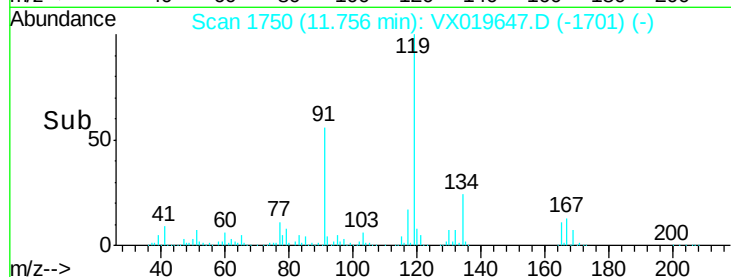
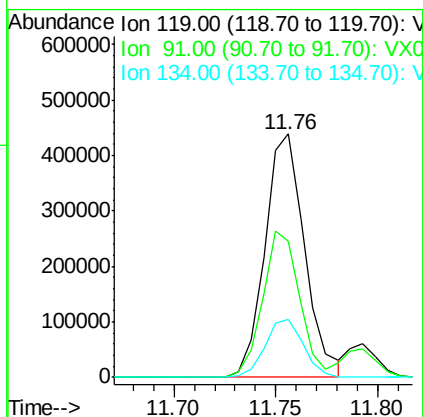
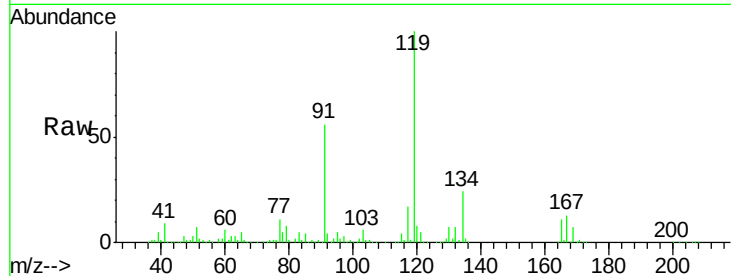
#83
tert-Butylbenzene
Concen: 53.288 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	595701		
91	55.9		28.9	86.8
134	22.9		11.7	35.0

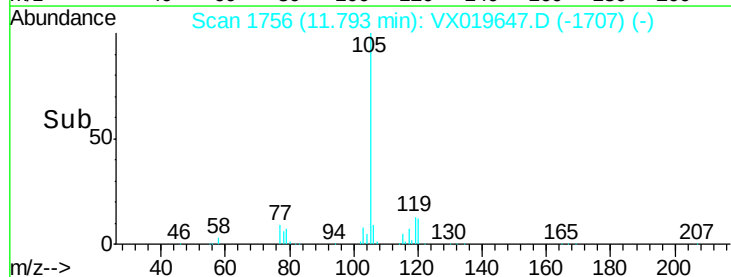
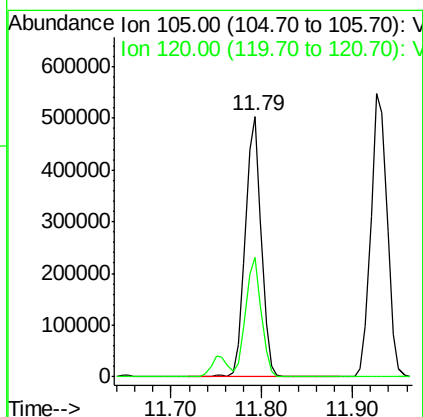
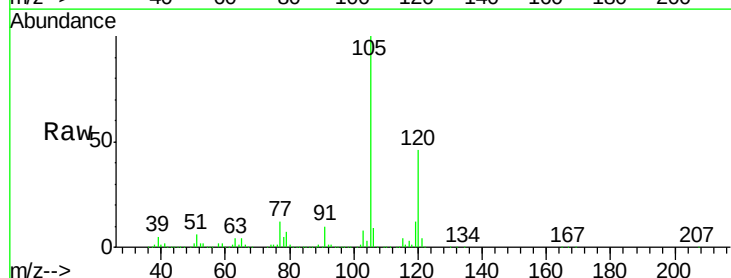
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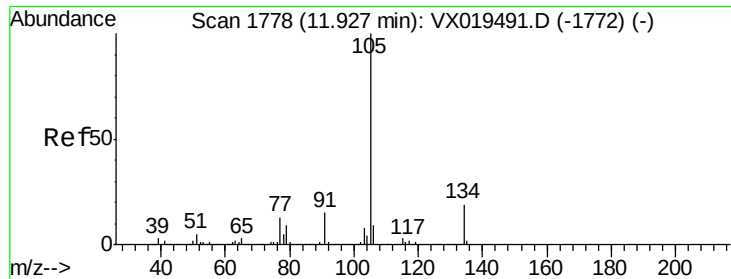
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#84
1,2,4-Trimethylbenzene
Concen: 52.466 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	613403		
120	44.8		22.2	66.6





#85

sec-Butylbenzene

Concen: 51.413 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 683741

Ion Ratio Lower Upper

105 100

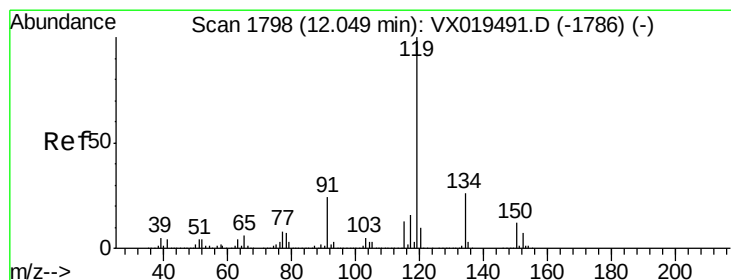
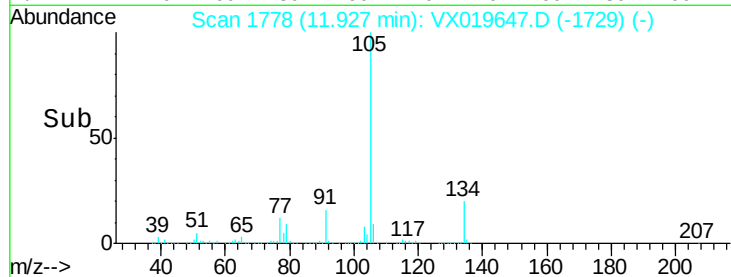
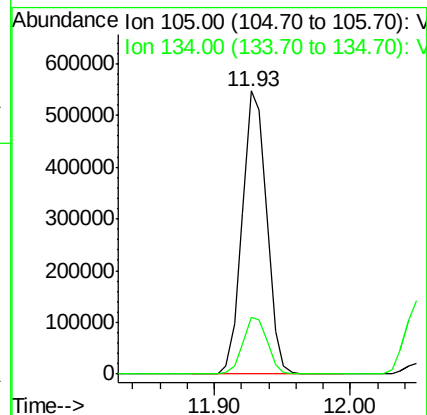
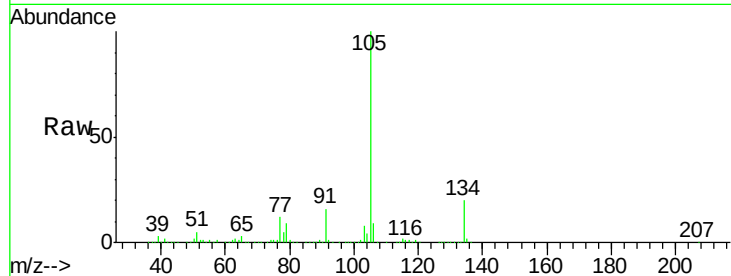
134 20.2 10.1 30.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 52.269 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

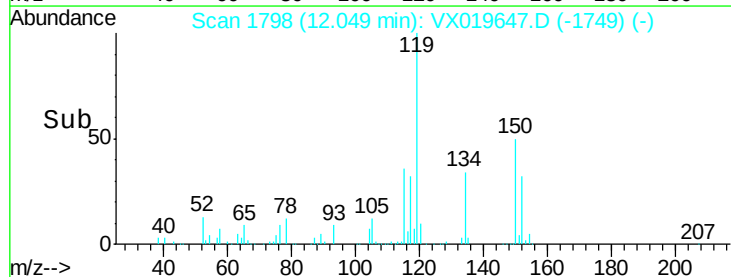
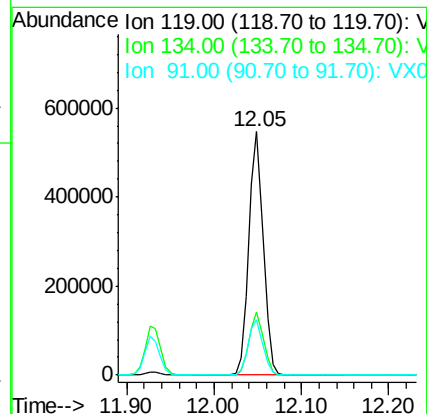
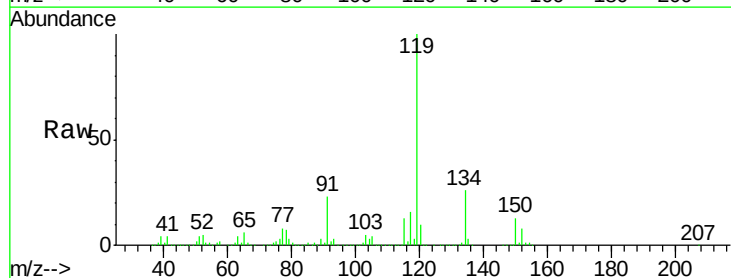
Tgt Ion:119 Resp: 631125

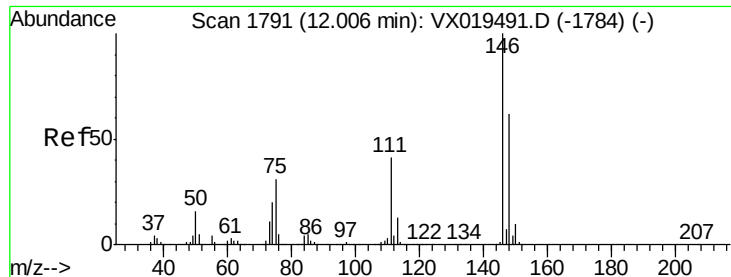
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 23.3 11.8 35.4





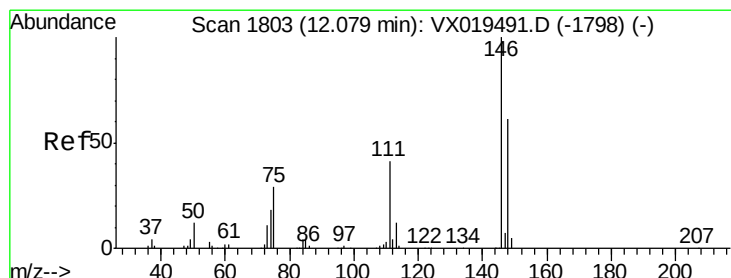
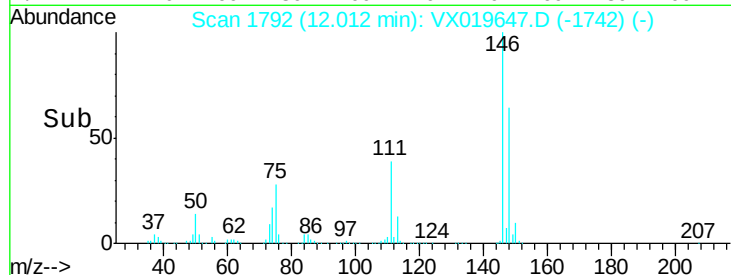
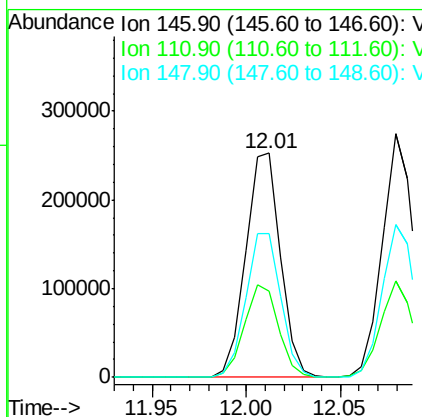
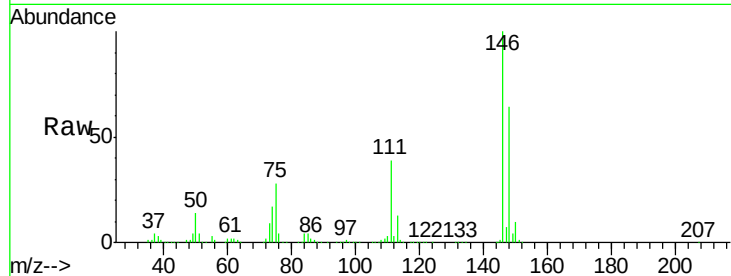
#87
 1,3-Dichlorobenzene
 Concen: 50.023 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.2	60.6
148	64.9	31.4	94.2

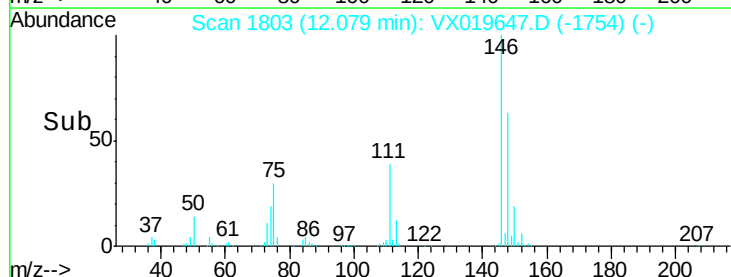
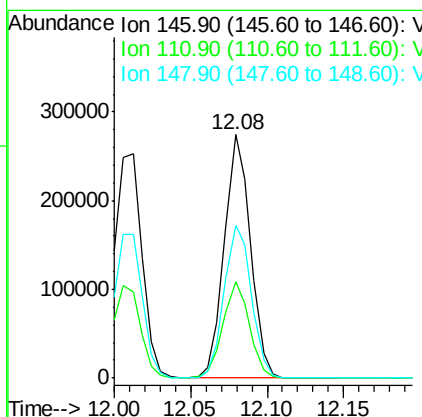
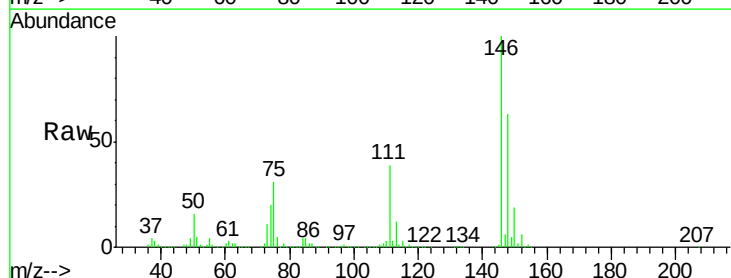
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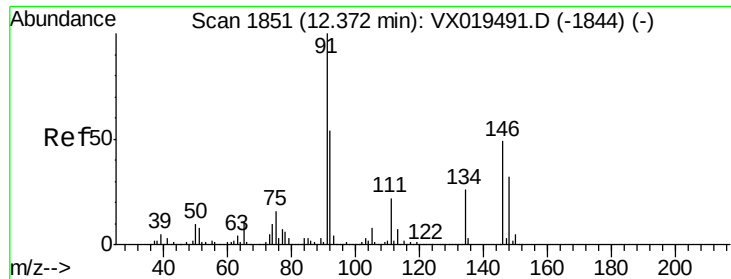
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#88
 1,4-Dichlorobenzene
 Concen: 48.969 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.9	59.6
148	65.3	31.7	95.1





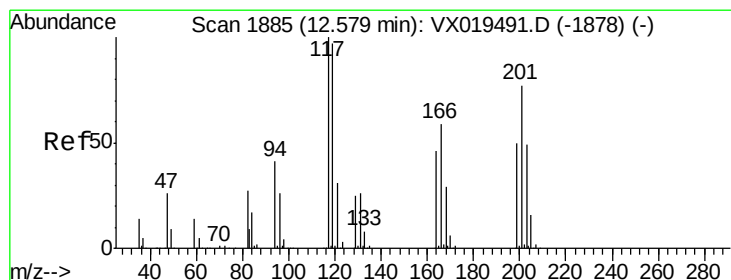
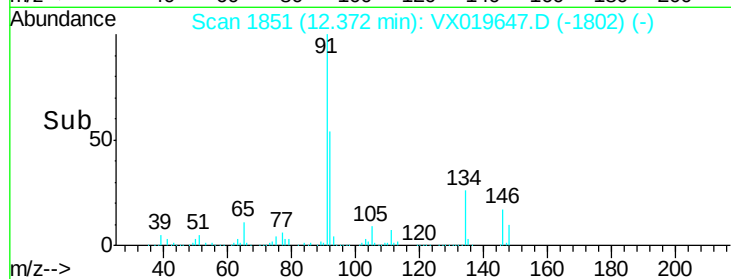
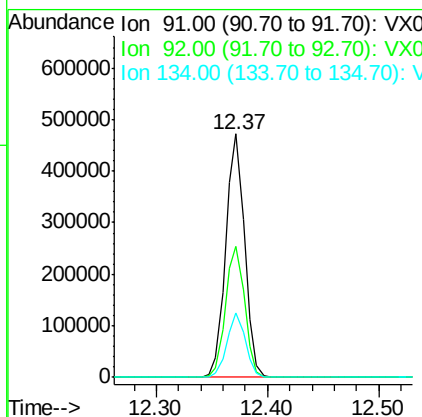
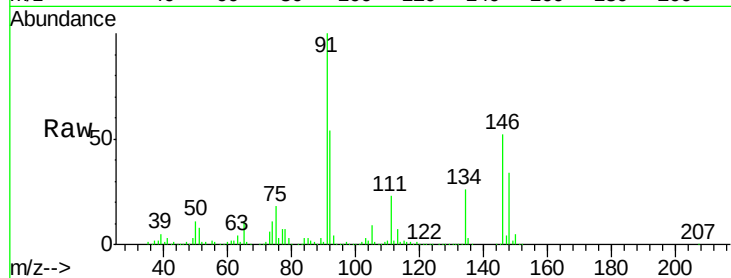
#89
n-Butylbenzene
Concen: 50.432 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	550512		
92	54.9		26.9	80.6
134	25.9		12.9	38.6

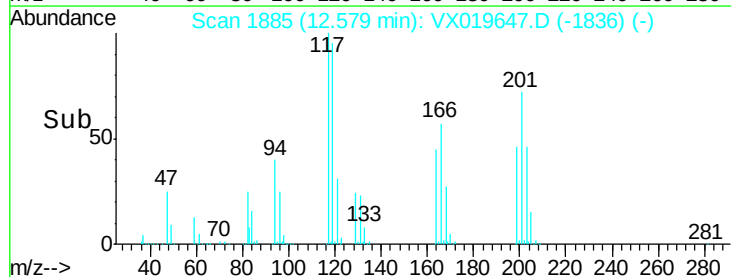
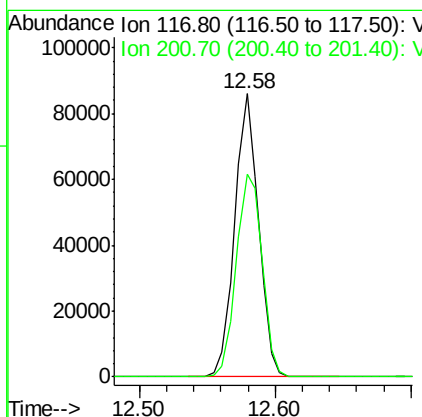
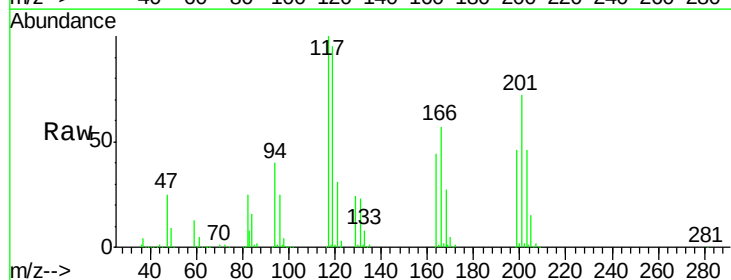
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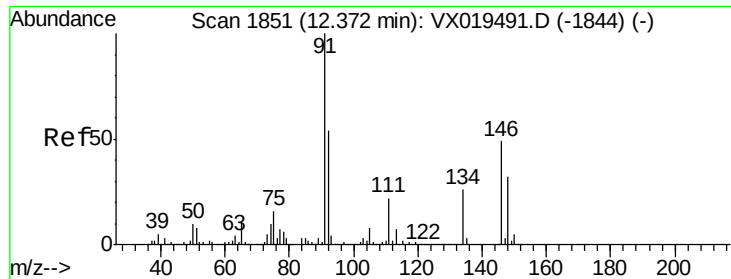
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#90
Hexachloroethane
Concen: 51.721 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	104501		
201	78.0		39.4	118.2





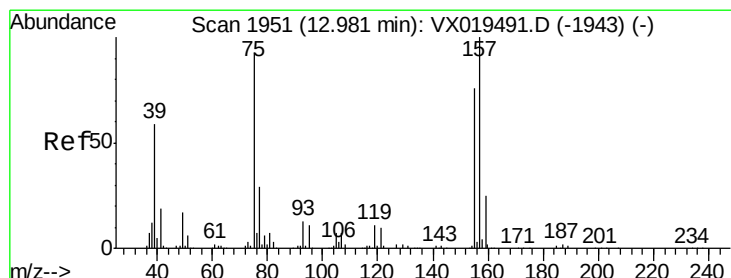
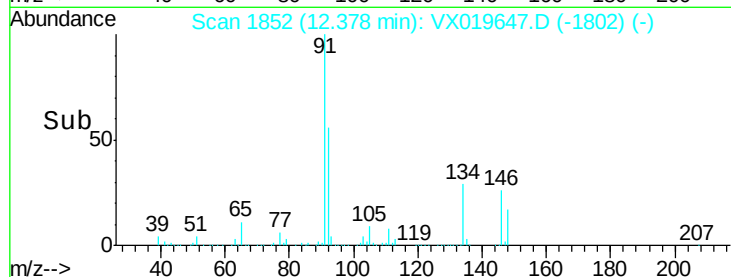
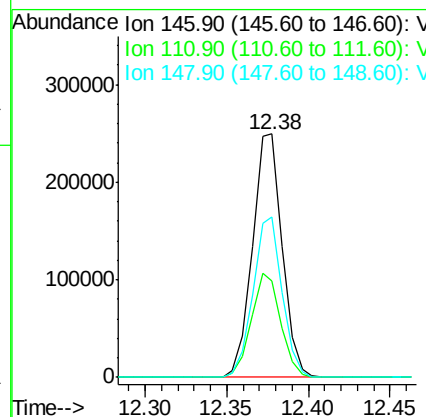
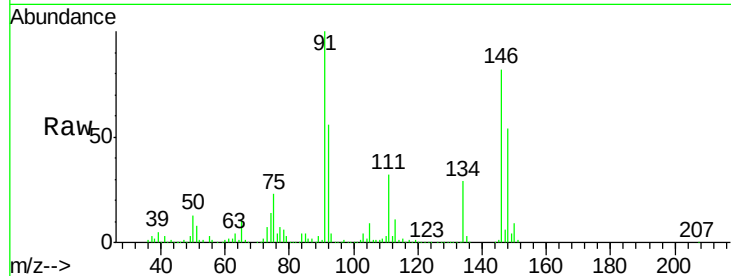
#91
 1,2-Dichlorobenzene
 Concen: 48.919 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.3
148	64.7	32.4	97.0

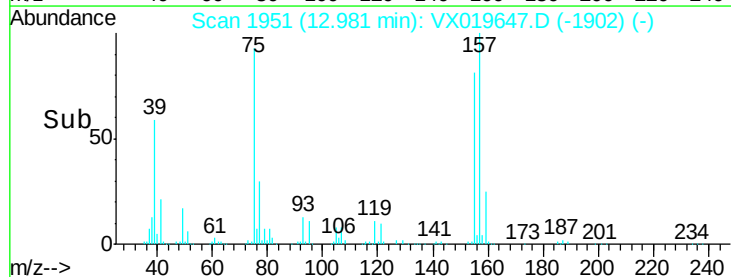
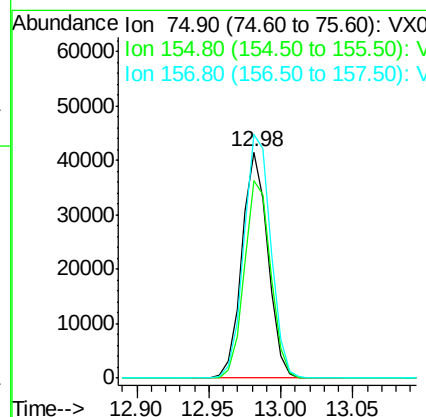
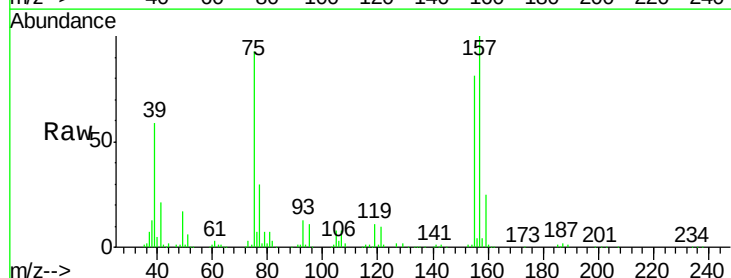
Manual Integrations
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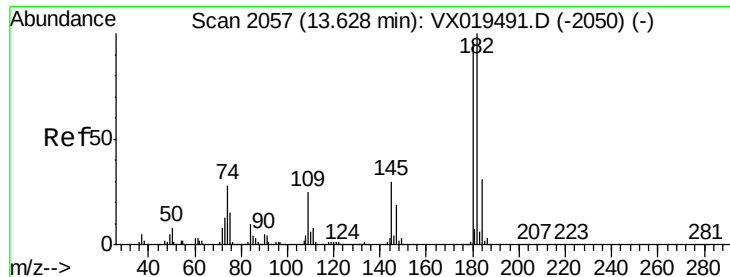
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.881 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019647.D
 Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.9	43.6	130.9
157	111.4	57.0	170.8





#93

1,2,4-Trichlorobenzene

Concen: 51.564 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019647.D

Acq: 25 Nov 2020 10:05

Instrument :

MSVOA_X

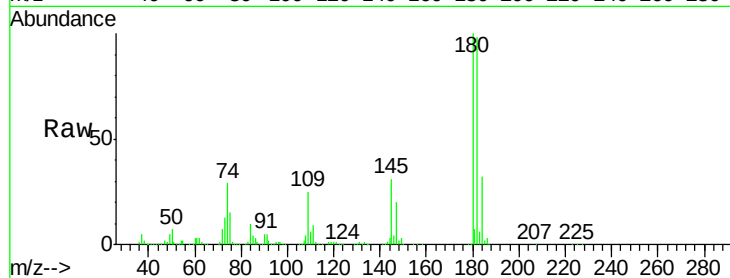
ClientSampleId :

VSTDCCC050

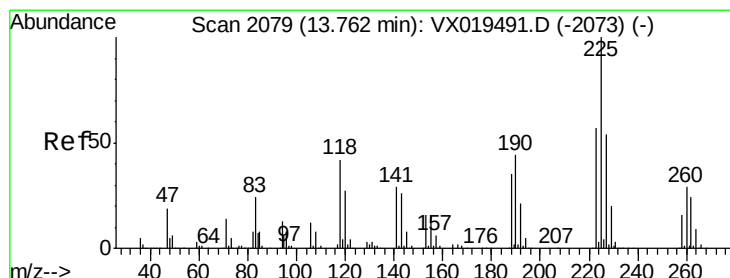
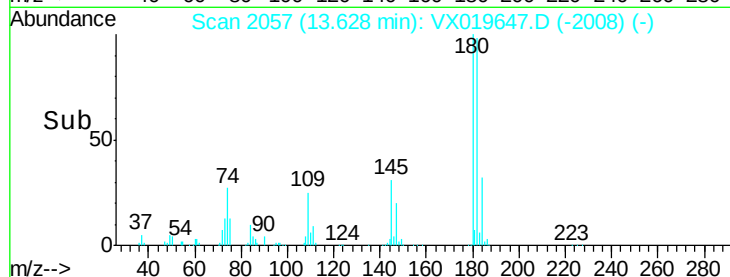
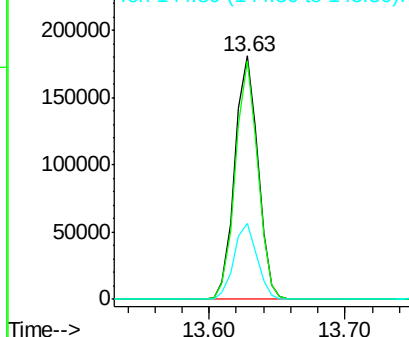
Tot Ion:	180	Resp:	214717
Ion Ratio	Lower	Upper	
180	100		
182	94.7	48.6	145.9
145	31.1	15.9	47.7

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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 47.702 ug/l

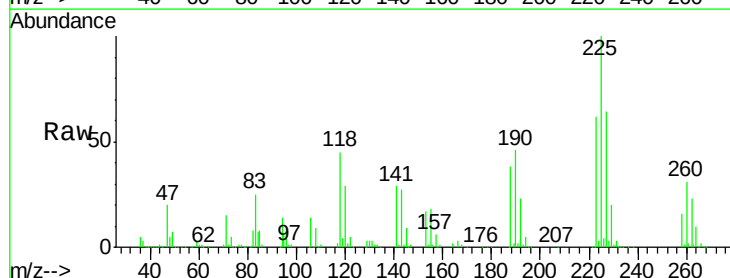
RT: 13.76 min Scan# 2079

Delta R.T. -0.00 min

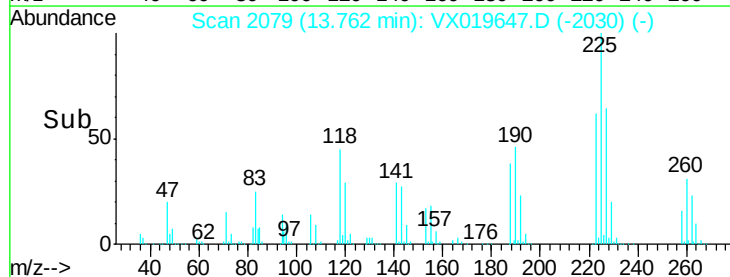
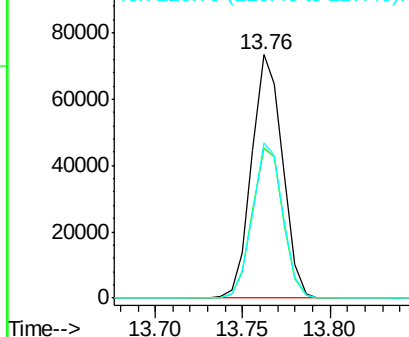
Lab File: VX019647.D

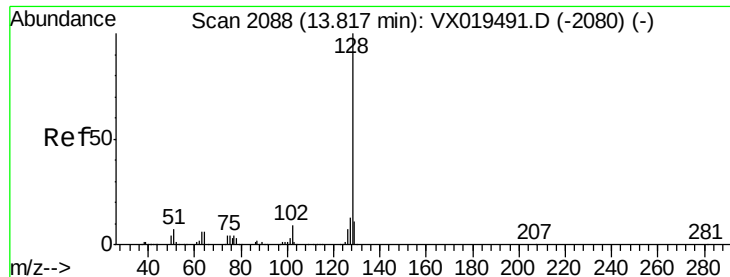
Acq: 25 Nov 2020 10:05

Tgt Ion:	225	Resp:	90487
Ion Ratio	Lower	Upper	
225	100		
223	61.8	32.5	97.5
227	62.6	32.8	98.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





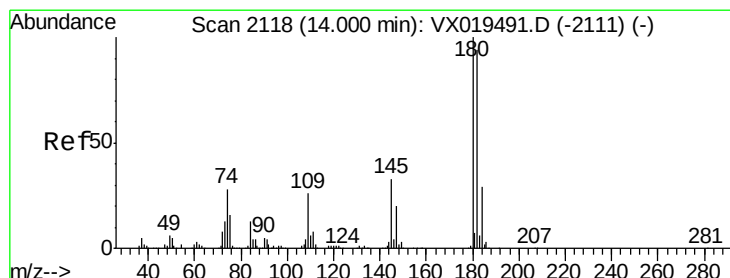
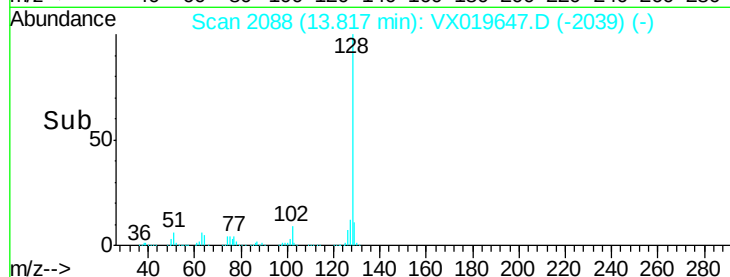
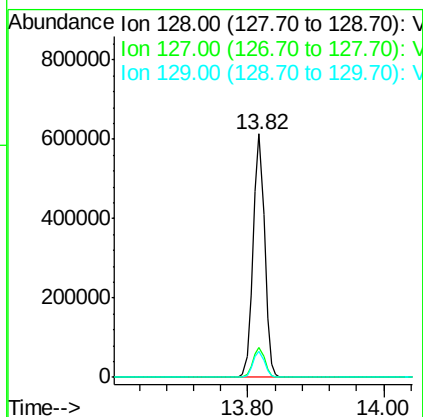
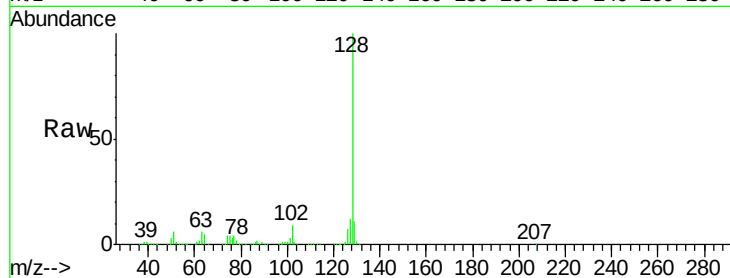
#95
Naphthalene
Concen: 48.941 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/30/2020 9:53:47 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.563 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019647.D
Acq: 25 Nov 2020 10:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.1	144.3
145	32.5	16.6	49.8

