

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112120\
 Data File : VX019539.D
 Acq On : 21 Nov 2020 10:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 9:35:11 AM

Quant Time: Nov 23 00:30:46 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	286622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	484369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	418691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	202622	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	184488	49.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.28%
35) Dibromofluoromethane	5.46	113	149875	49.29	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.58%
50) Toluene-d8	8.70	98	556422	47.10	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.20%
62) 4-Bromofluorobenzene	11.12	95	203515	47.88	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.76%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	139248	49.959	ug/l	100
3) Chloromethane	1.31	50	140976	44.076	ug/l	98
4) Vinyl Chloride	1.39	62	166322	48.307	ug/l	99
5) Bromomethane	1.62	94	50785	38.942	ug/l	93
6) Chloroethane	1.69	64	40477	48.096	ug/l	96
7) Trichlorofluoromethane	1.90	101	244977	49.297	ug/l	98
8) Diethyl Ether	2.17	74	101097	50.797	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	135659	48.932	ug/l	98
10) Methyl Iodide	2.48	142	171380	47.054	ug/l	99
11) Tert butyl alcohol	3.05	59	202640	288.123	ug/l	99
12) 1,1-Dichloroethene	2.34	96	140929	49.526	ug/l	98
13) Acrolein	2.28	56	88938	188.124	ug/l	99
14) Allyl chloride	2.70	41	207970	46.653	ug/l	98
15) Acrylonitrile	3.12	53	416674	251.212	ug/l	99
16) Acetone	2.43	43	338019	235.199	ug/l	99
17) Carbon Disulfide	2.54	76	350702	45.876	ug/l	99
18) Methyl Acetate	2.75	43	181292	51.430	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	523825	53.330	ug/l	99
20) Methylene Chloride	2.83	84	166869	46.455	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	158365	49.120	ug/l	97
22) Diisopropyl ether	3.83	45	471527	51.132	ug/l	91
23) Vinyl Acetate	3.78	43	2005300	259.246	ug/l	100
24) 1,1-Dichloroethane	3.67	63	283108	50.192	ug/l	99
25) 2-Butanone	4.64	43	530268	245.621	ug/l	100
26) 2,2-Dichloropropane	4.54	77	163410	33.191	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	189440	51.153	ug/l	97
28) Bromochloromethane	4.98	49	119300	44.239	ug/l	95
29) Tetrahydrofuran	5.09	42	343008	249.013	ug/l	98
30) Chloroform	5.18	83	299291	50.744	ug/l	98
31) Cyclohexane	5.54	56	235329	48.687	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	262498	51.812	ug/l	99
36) 1,1-Dichloropropene	5.76	75	216639	47.708	ug/l	99
37) Ethyl Acetate	4.80	43	214015	50.203	ug/l	99
38) Carbon Tetrachloride	5.75	117	217902	49.576	ug/l	98

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 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)
39) Methylcyclohexane	7.44	83	245285	46.391	ug/l	100
40) Benzene	6.11	78	676453	48.484	ug/l	99
41) Methacrylonitrile	5.01	41	115233	49.018	ug/l	98
42) 1,2-Dichloroethane	6.16	62	236277	49.408	ug/l	100
43) Isopropyl Acetate	6.42	43	356002	49.678	ug/l	100
44) Trichloroethene	7.18	130	176956	48.420	ug/l	99
45) 1,2-Dichloropropane	7.49	63	167848	48.868	ug/l	99
46) Dibromomethane	7.63	93	115652	49.196	ug/l	100
47) Bromodichloromethane	7.87	83	227799	49.937	ug/l	99
48) Methyl methacrylate	7.74	41	171679	51.154	ug/l	99
49) 1,4-Dioxane	7.72	88	81762	1072.972	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1044661	249.990	ug/l	99
52) Toluene	8.76	92	411604	48.224	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	236180	47.940	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	259747	47.509	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	170271	48.984	ug/l	99
56) Ethyl methacrylate	9.16	69	258682	52.592	ug/l	99
57) 1,3-Dichloropropane	9.35	76	283757	48.758	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	681917	236.602	ug/l	98
59) 2-Hexanone	9.48	43	798254	251.871	ug/l	99
60) Dibromochloromethane	9.57	129	171842	50.471	ug/l	100
61) 1,2-Dibromoethane	9.65	107	178795	49.900	ug/l	99
64) Tetrachloroethene	9.32	164	147917	44.944	ug/l	96
65) Chlorobenzene	10.12	112	420339	48.829	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	161620	51.616	ug/l	100
67) Ethyl Benzene	10.23	91	762588	50.568	ug/l	99
68) m/p-Xylenes	10.34	106	569881	101.430	ug/l	100
69) o-Xylene	10.68	106	279615	52.062	ug/l	99
70) Styrene	10.70	104	476788	48.025	ug/l	99
71) Bromoform	10.84	173	123512	46.812	ug/l #	98
73) Isopropylbenzene	11.00	105	729687	52.057	ug/l	99
74) N-amyl acetate	10.88	43	301112	57.329	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	259662	51.802	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	229834m	51.976	ug/l	
77) Bromobenzene	11.24	156	184717	51.622	ug/l	99
78) n-propylbenzene	11.34	91	814136	50.630	ug/l	99
79) 2-Chlorotoluene	11.40	91	503022	51.581	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	616588	52.438	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	72314	44.663	ug/l	99
82) 4-Chlorotoluene	11.49	91	586808	51.115	ug/l	100
83) tert-Butylbenzene	11.76	119	602141	52.932	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	623433	52.401	ug/l	99
85) sec-Butylbenzene	11.93	105	683109	50.476	ug/l	100
86) p-Isopropyltoluene	12.05	119	621514	50.582	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	326134	49.628	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	329942	48.743	ug/l	99
89) n-Butylbenzene	12.37	91	528661	47.592	ug/l	99
90) Hexachloroethane	12.58	117	107106	52.093	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	335010	50.757	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55970	54.732	ug/l	98

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Instrument :
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ClientSampleId :
VSTDCCC050EC

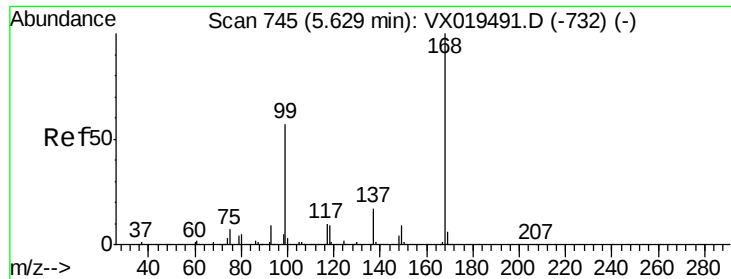
Manual Integrations
APPROVED

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11/23/2020 9:35:11 AM

Quant Time: Nov 23 00:30:46 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)
93) 1,2,4-Trichlorobenzene	13.63	180	216832	51.170	ug/l	98
94) Hexachlorobutadiene	13.76	225	84216	43.628	ug/l	97
95) Naphthalene	13.82	128	754792	50.481	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	220186	51.948	ug/l	99

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



#1

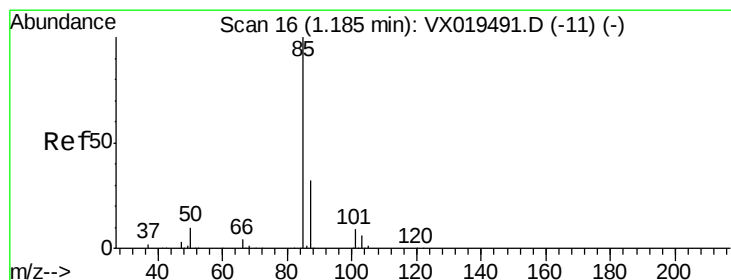
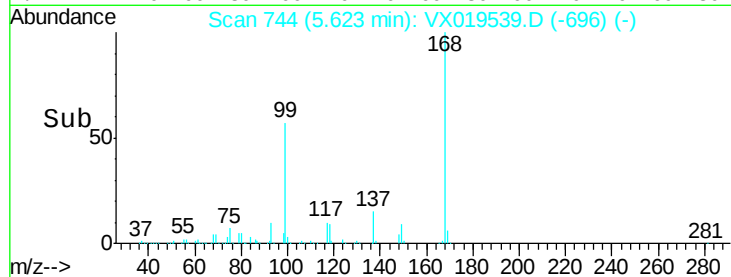
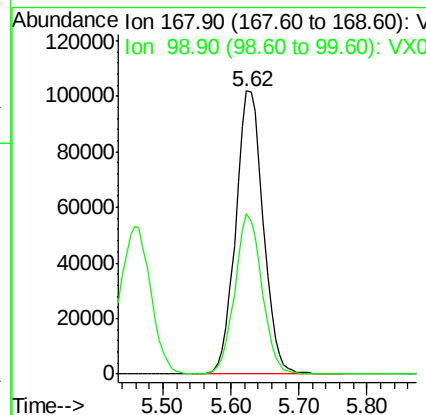
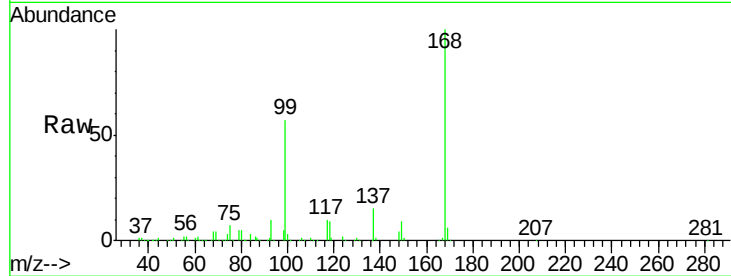
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
168	100			
99	56.4	45.8	68.6	

Manual Integrations
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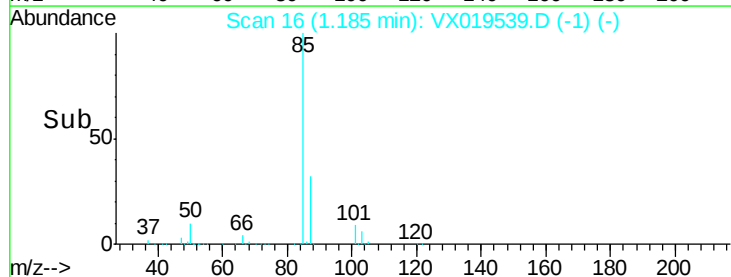
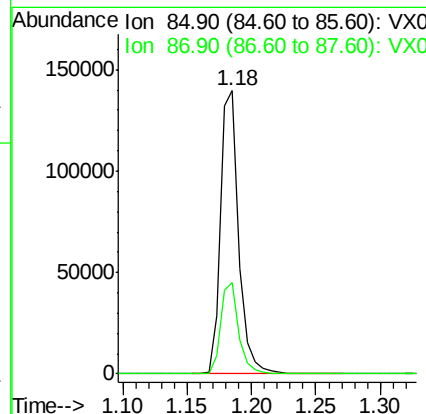
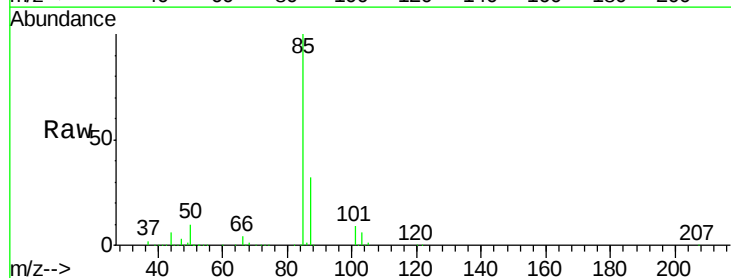
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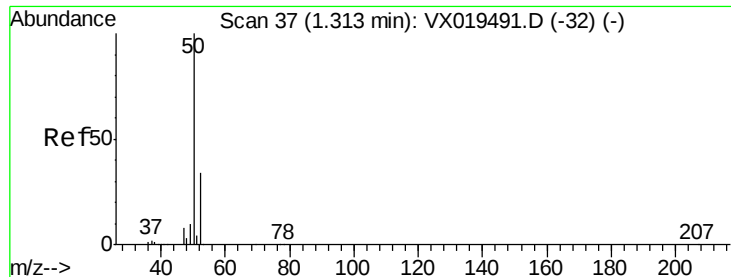


#2

Dichlorodifluoromethane
 Concen: 49.959 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Tgt Ion	Ion	Ratio	Lower	Upper
85	100			
87	32.2	16.0	47.9	





#3

Chloromethane

Concen: 44.076 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 140976

Ion Ratio Lower Upper

50 100

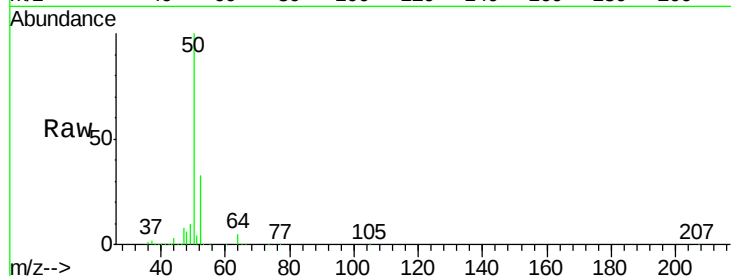
52 32.7 27.0 40.6

Manual Integrations

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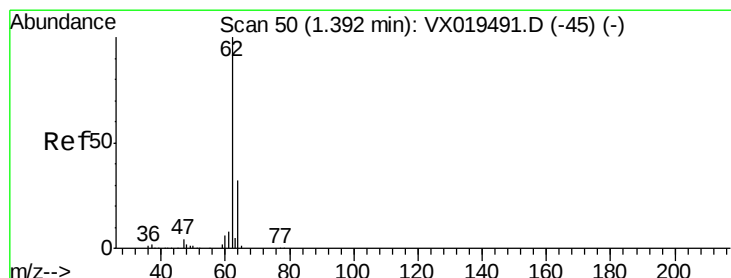
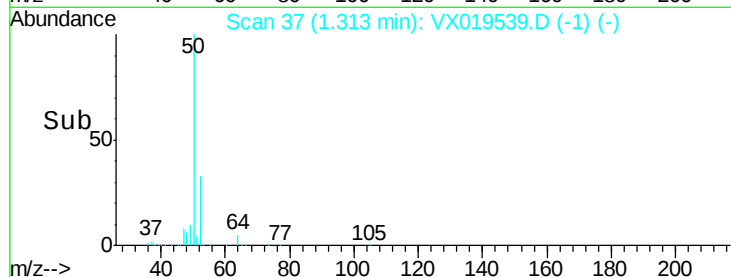
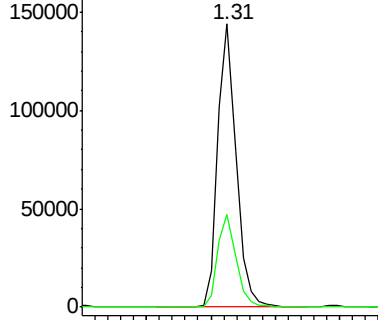
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.307 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019539.D

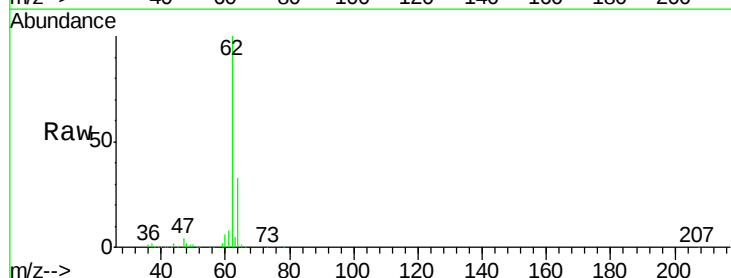
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Tgt Ion: 62 Resp: 166322

Ion Ratio Lower Upper

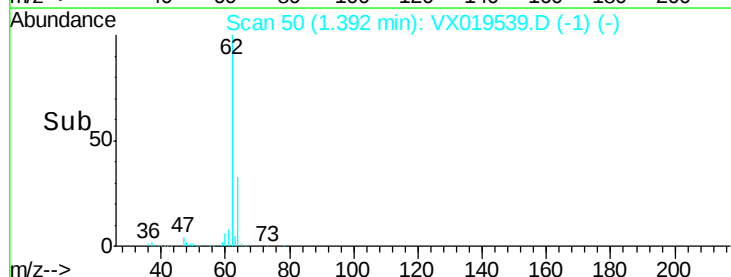
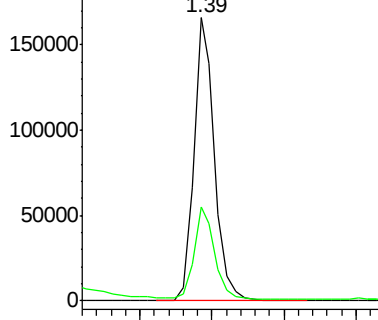
62 100

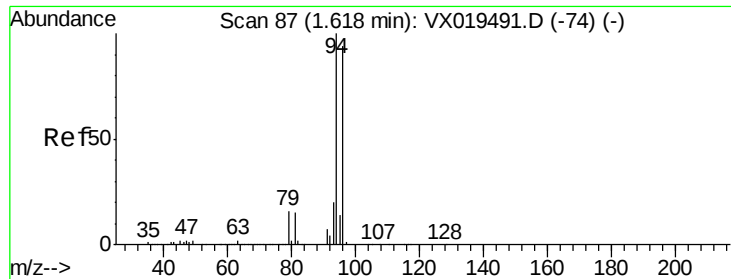
64 32.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 38.942 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 50785

Ion Ratio Lower Upper

94 100

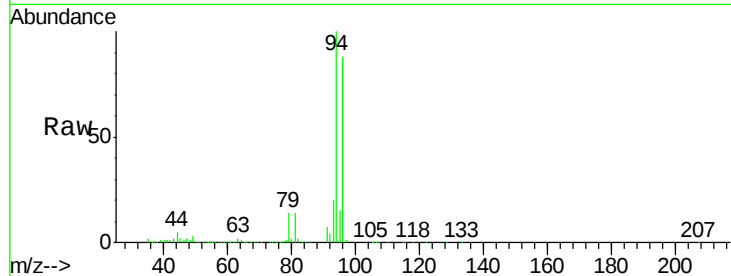
96 88.1 75.6 113.4

Manual Integrations

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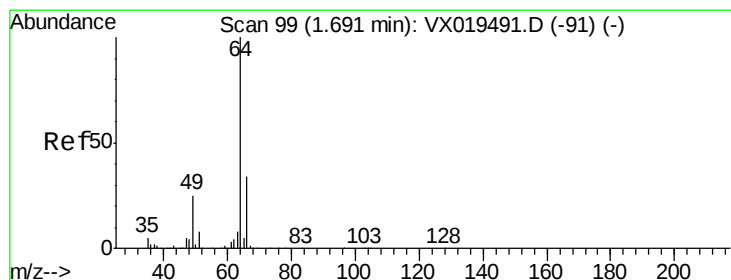
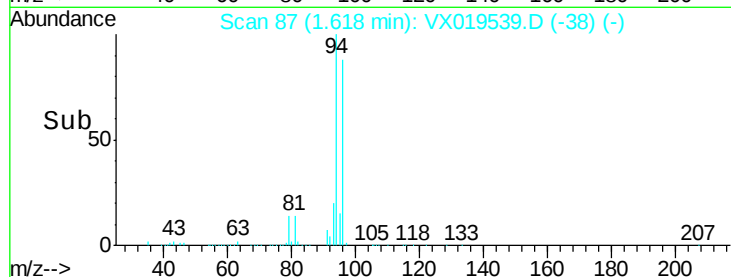
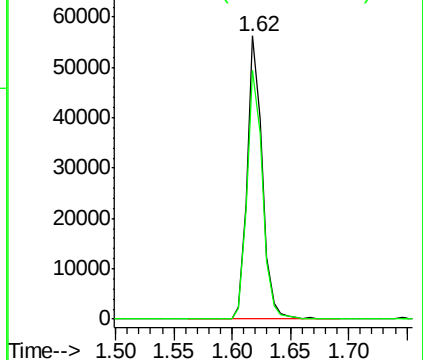
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.096 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019539.D

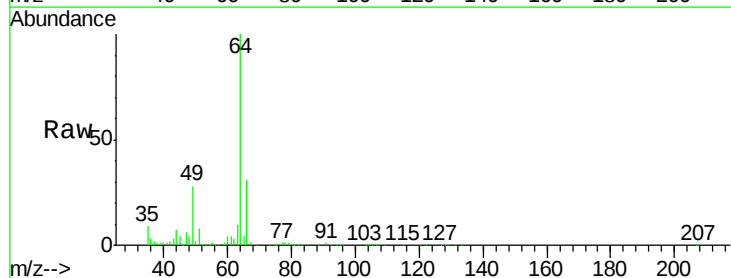
Acq: 21 Nov 2020 10:10

Tgt Ion: 64 Resp: 40477

Ion Ratio Lower Upper

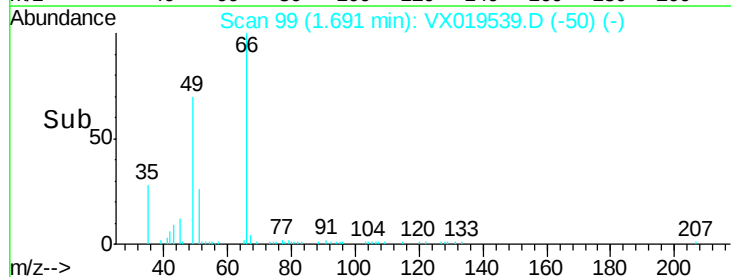
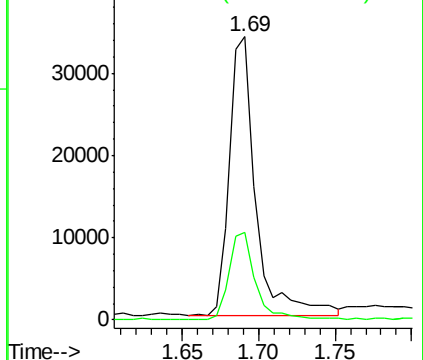
64 100

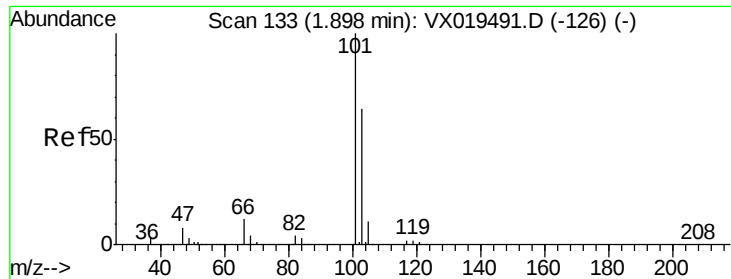
66 31.4 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

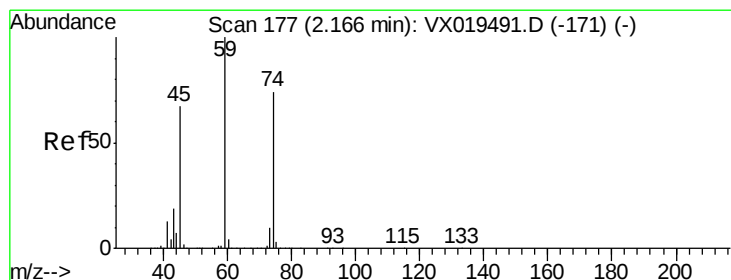
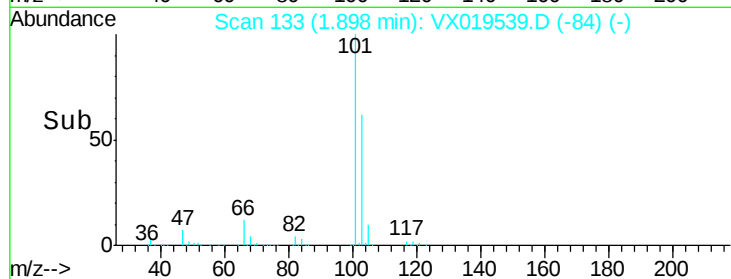
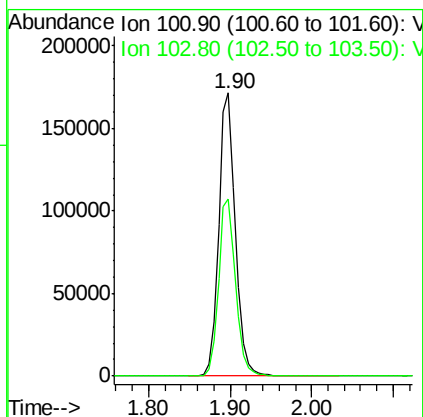
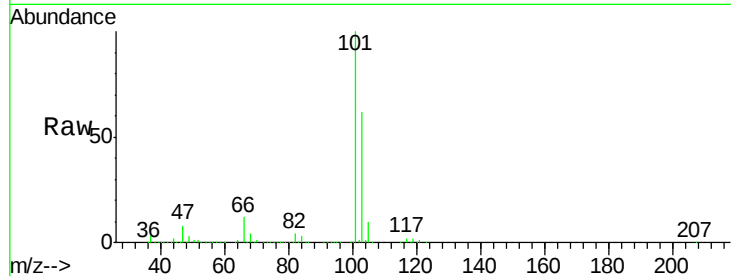
Trichlorofluoromethane
Concen: 49.297 ug/l
RT: 1.90 min Scan# 133
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	50.9	76.3

Manual Integrations
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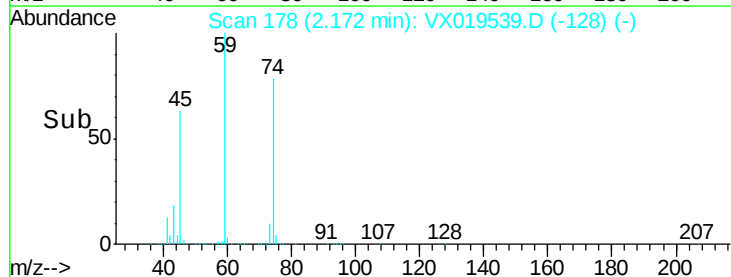
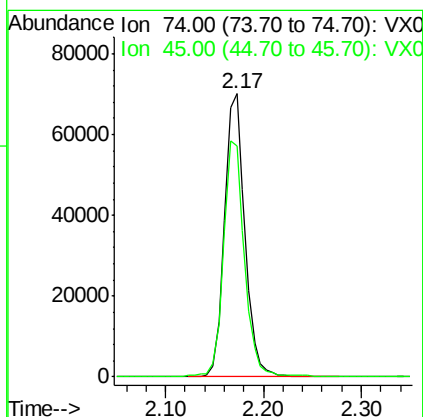
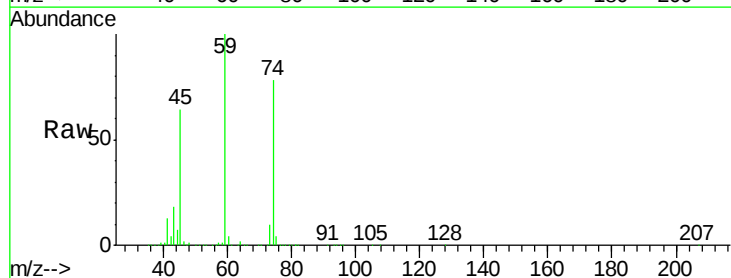
MMDadoda
11/23/2020 9:35:11 AM

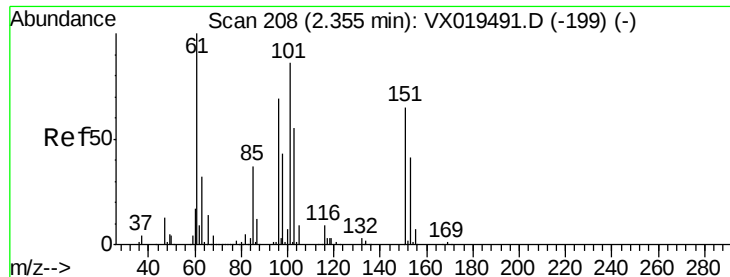


#8

Diethyl Ether
Concen: 50.797 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.4	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.932 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

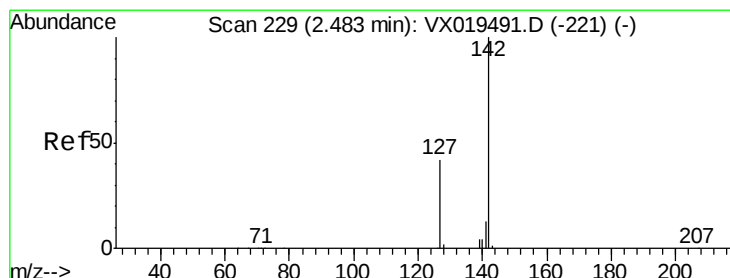
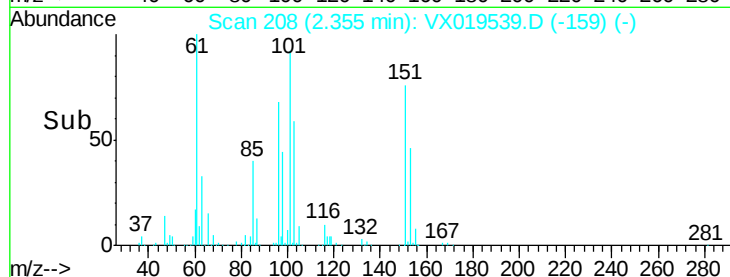
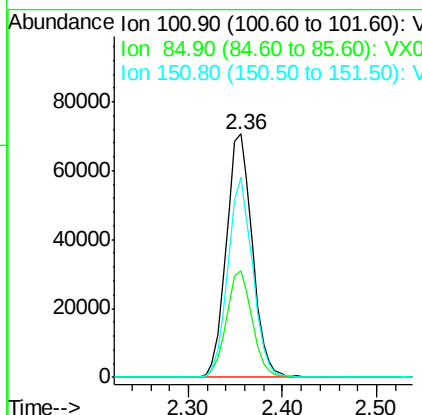
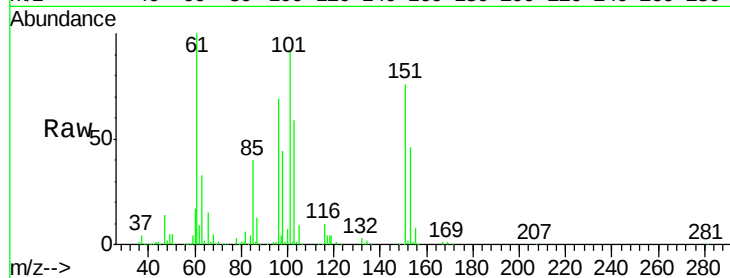
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	135659
Ion Ratio	Lower	Upper	
101	100		
85	43.3	33.9	50.9
151	78.3	60.9	91.3

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#10

Methyl Iodide

Concen: 47.054 ug/l

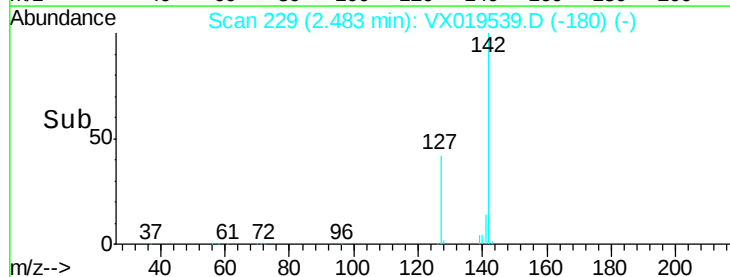
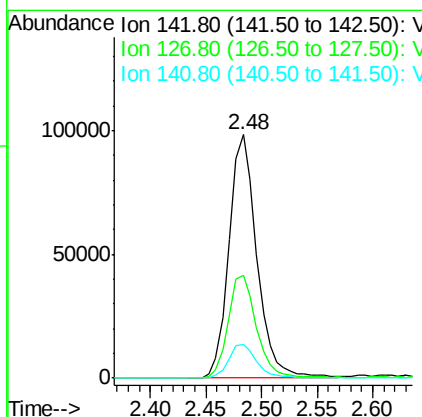
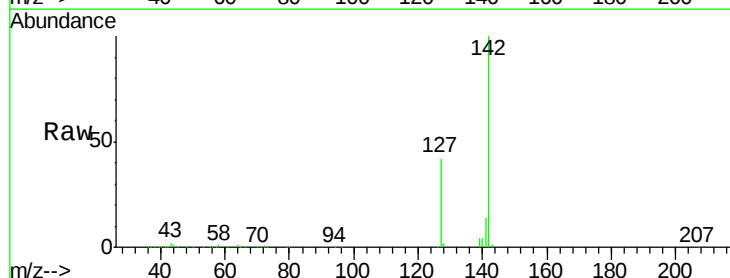
RT: 2.48 min Scan# 229

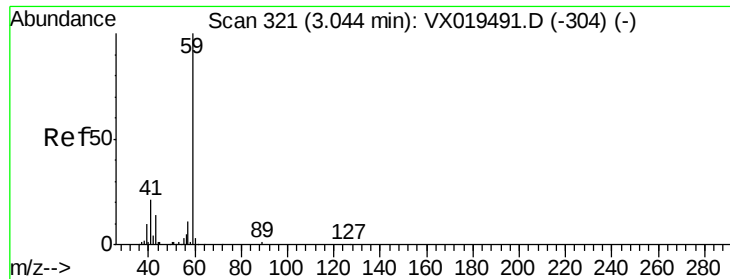
Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Tgt Ion:	142	Resp:	171380
Ion Ratio	Lower	Upper	
142	100		
127	42.9	33.8	50.6
141	14.0	11.0	16.6





#11

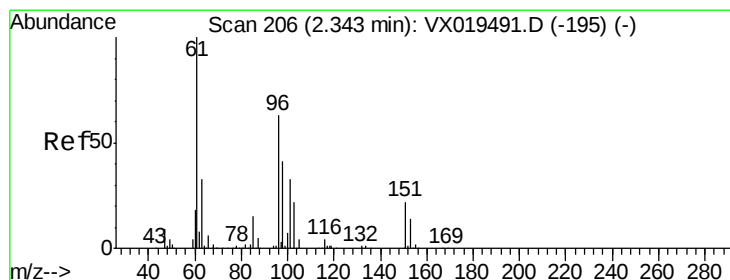
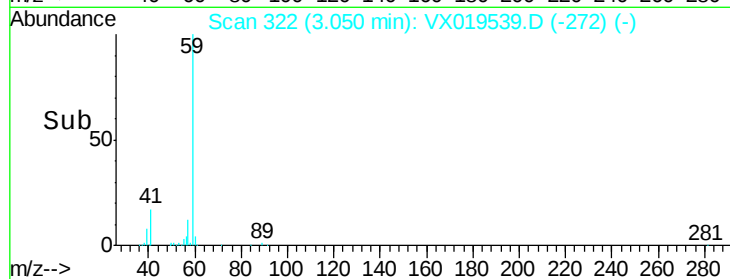
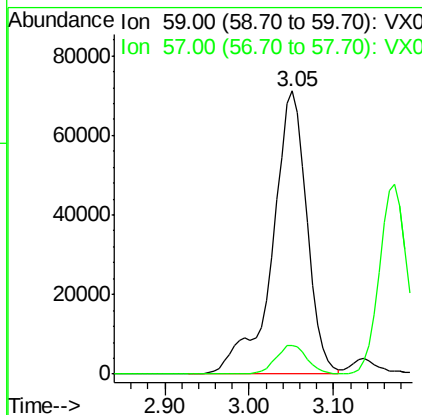
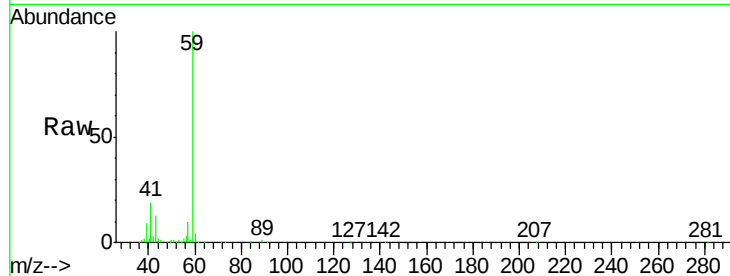
Tert butyl alcohol
Concen: 288.123 ug/l
RT: 3.05 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	9.5	7.9	11.9

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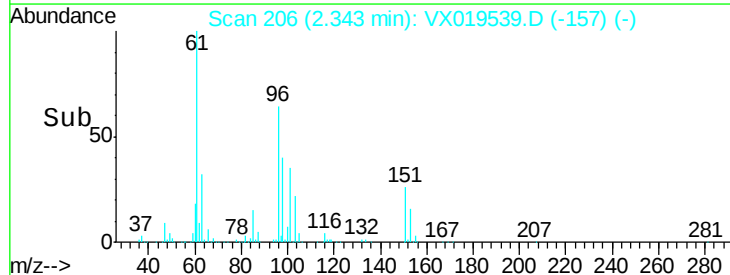
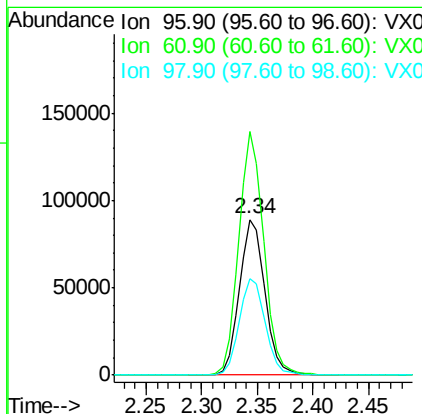
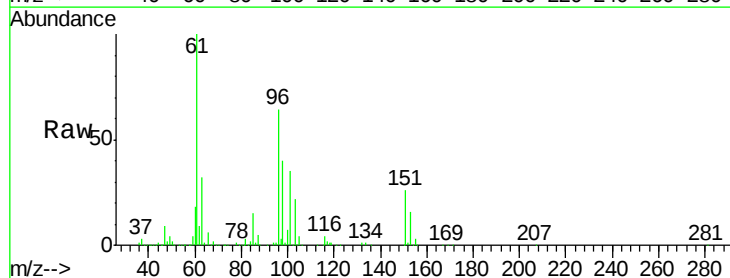
MMDadoda
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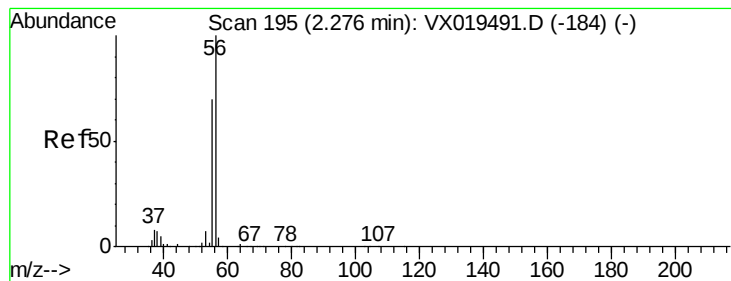


#12

1,1-Dichloroethene
Concen: 49.526 ug/l
RT: 2.34 min Scan# 206
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	156.3	126.0	189.0
98	98	61.8	52.0	78.0





#13

Acrolein

Concen: 188.124 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 88938

Ion Ratio Lower Upper

56 100

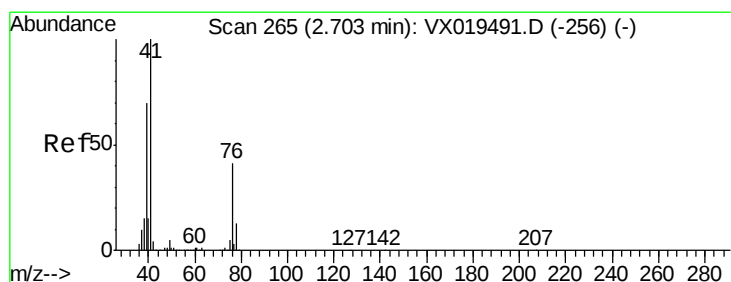
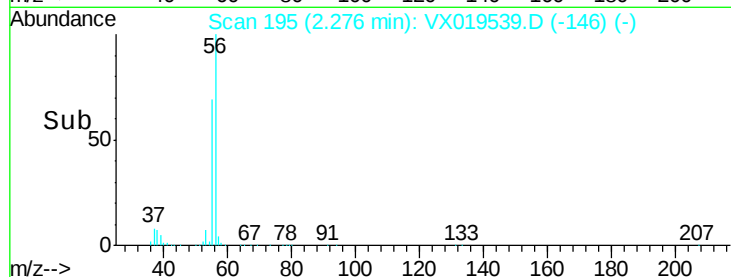
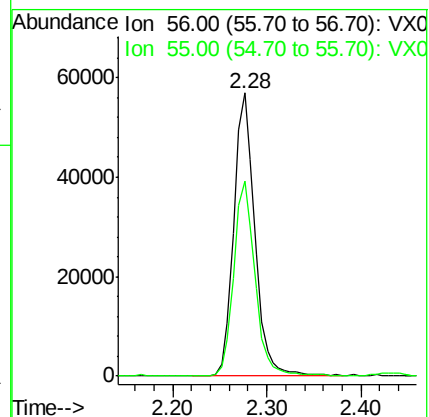
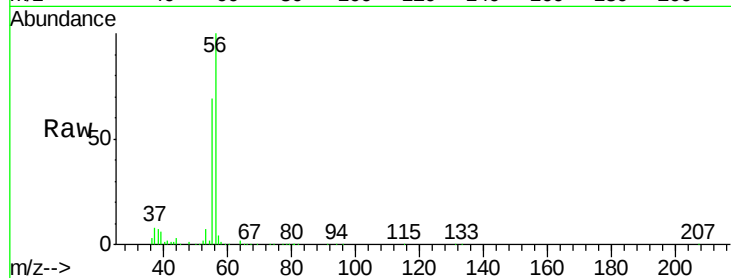
55 68.7 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 46.653 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

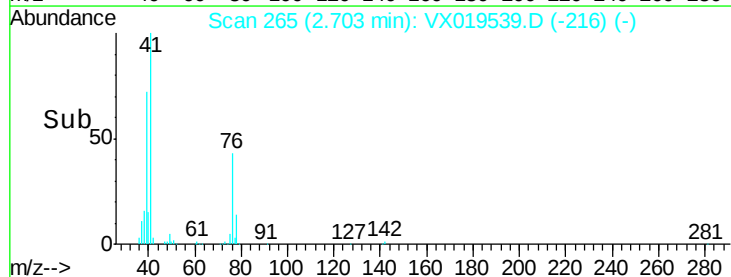
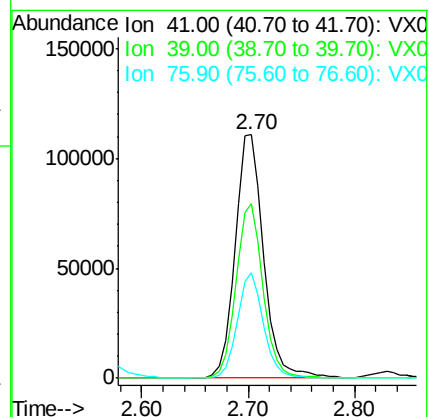
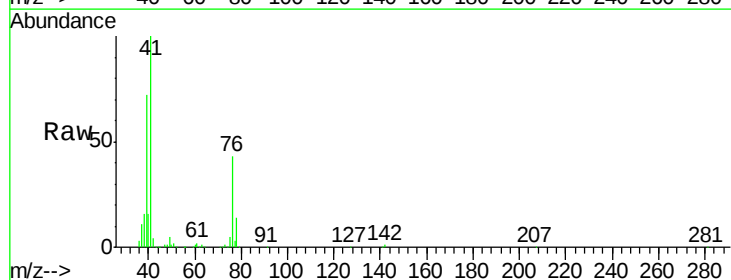
Tgt Ion: 41 Resp: 207970

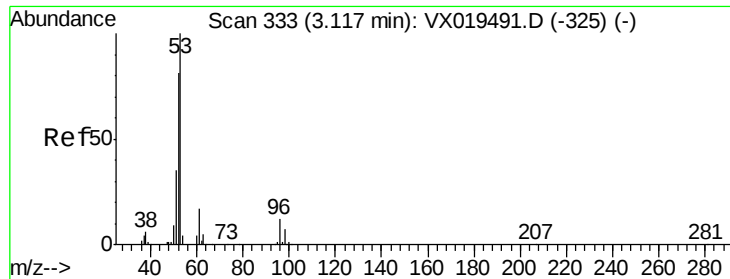
Ion Ratio Lower Upper

41 100

39 67.6 53.0 79.4

76 39.8 31.0 46.6





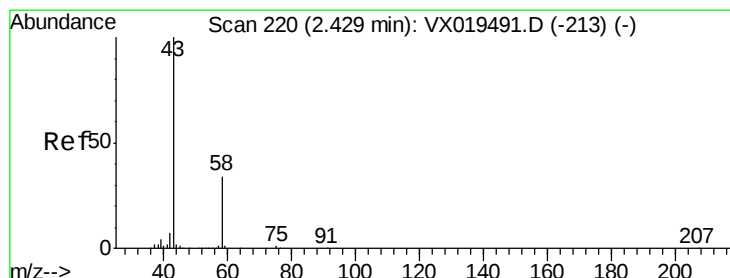
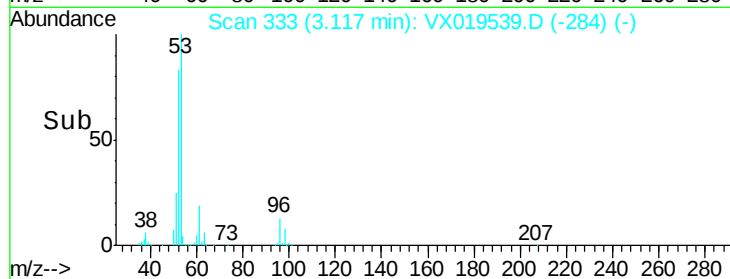
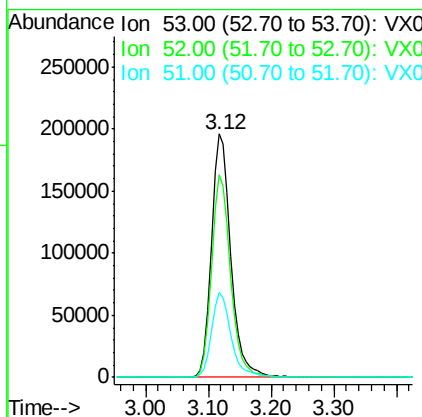
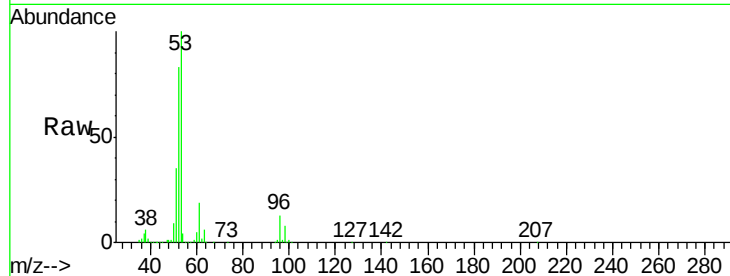
#15
 Acrylonitrile
 Concen: 251.212 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.2	99.2
51	35.1	28.5	42.7

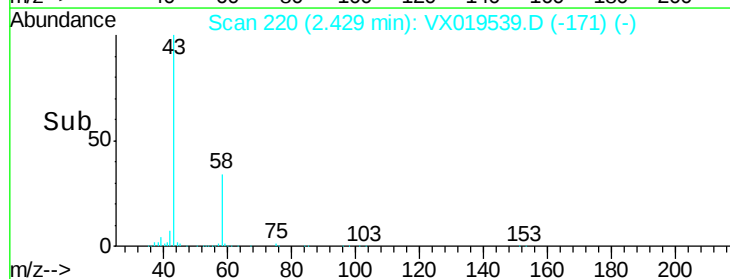
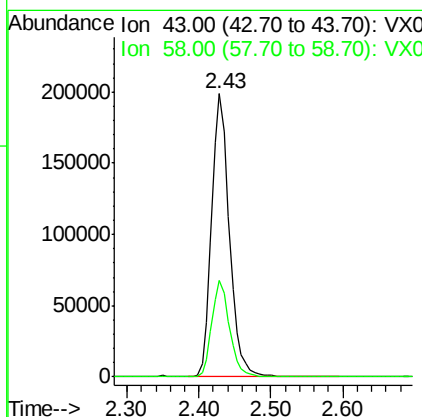
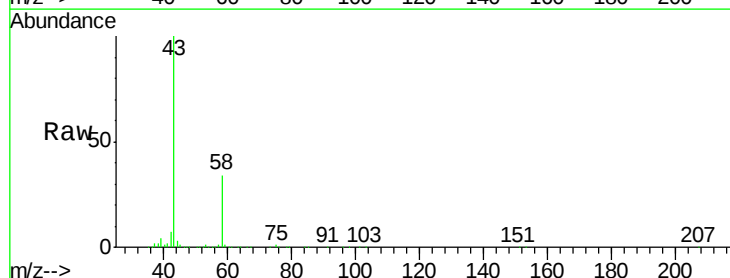
Manual Integrations
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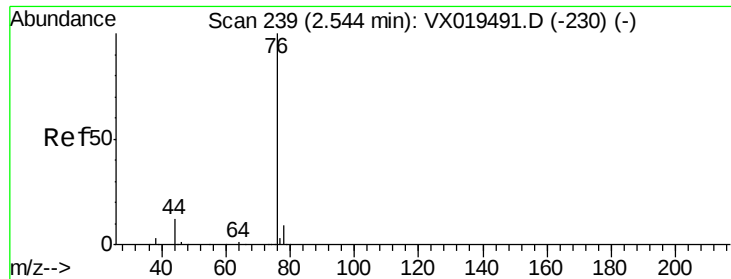
MMDadoda
 11/23/2020 9:35:11 AM



#16
 Acetone
 Concen: 235.199 ug/l
 RT: 2.43 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.4	41.2





#17

Carbon Disulfide

Concen: 45.876 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 350702

Ion Ratio Lower Upper

76 100

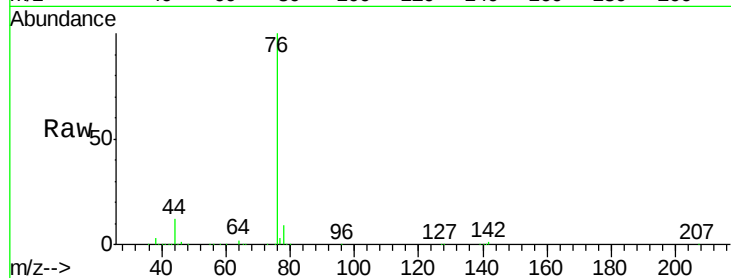
78 9.2 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

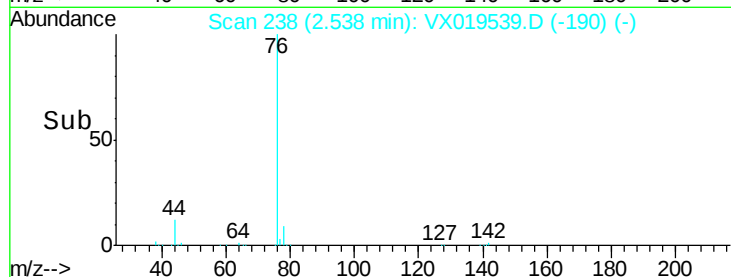
150000

100000

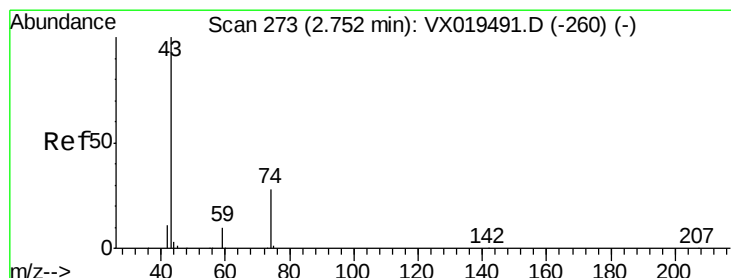
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 51.430 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019539.D

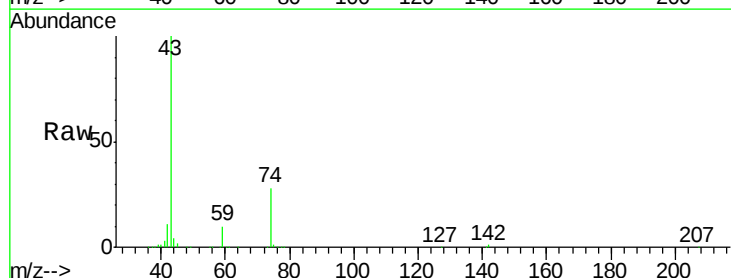
Acq: 21 Nov 2020 10:10

Tgt Ion: 43 Resp: 181292

Ion Ratio Lower Upper

43 100

74 28.2 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

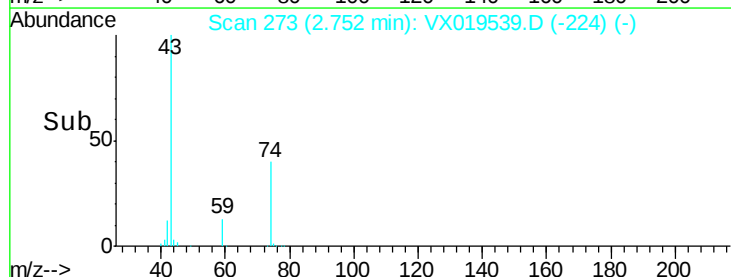
60000

40000

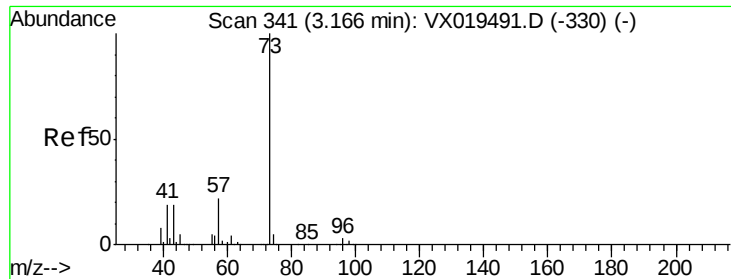
20000

0

Time-->



Time-->



#19

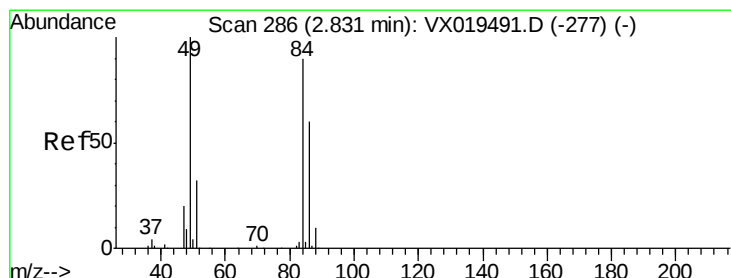
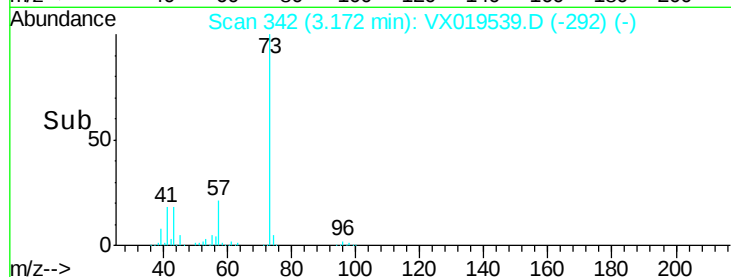
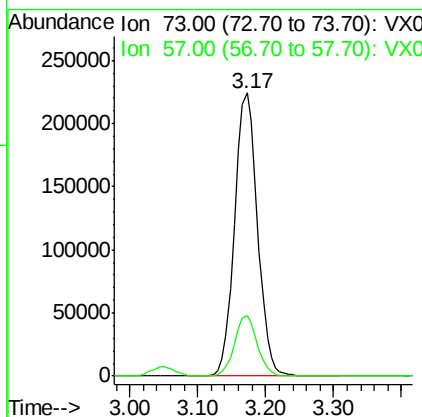
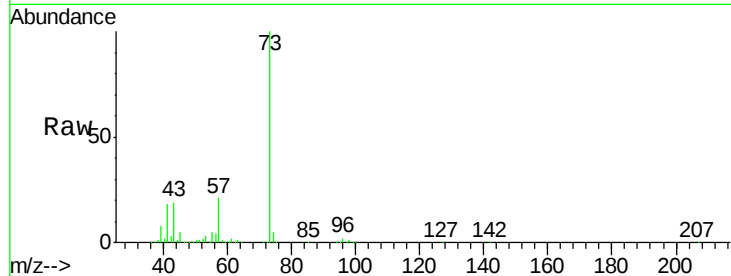
Methyl tert-butyl Ether
Concen: 53.330 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.3	25.9

Manual Integrations
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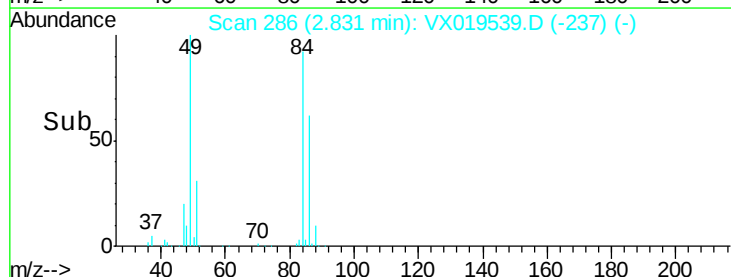
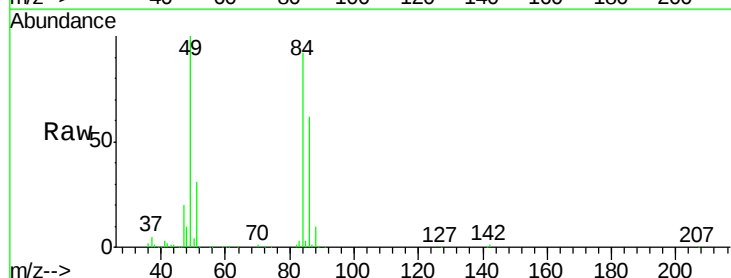
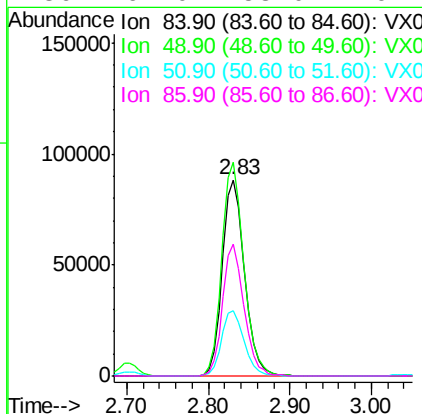
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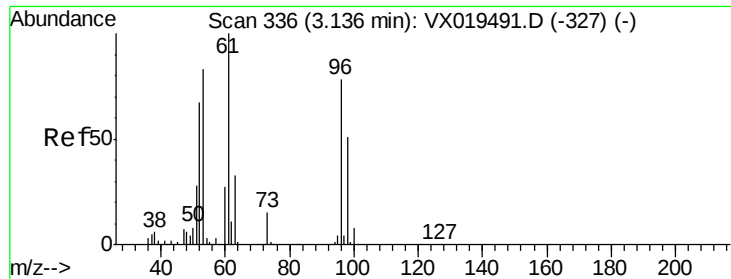


#20

Methylene Chloride
Concen: 46.455 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.8	88.5	132.7
51	33.6	28.0	42.0
86	67.0	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 49.120 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

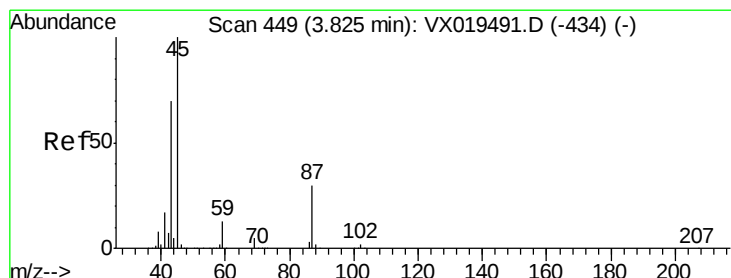
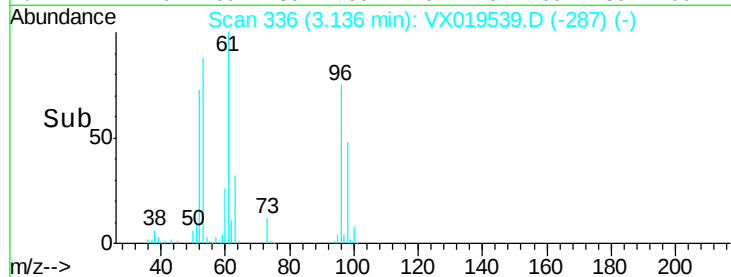
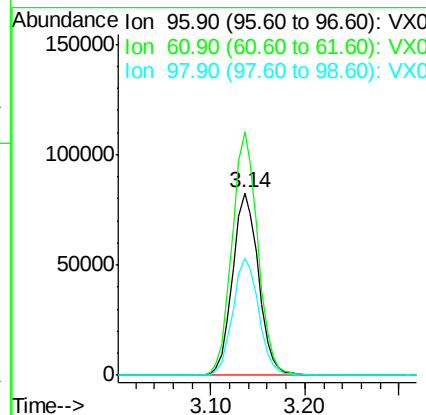
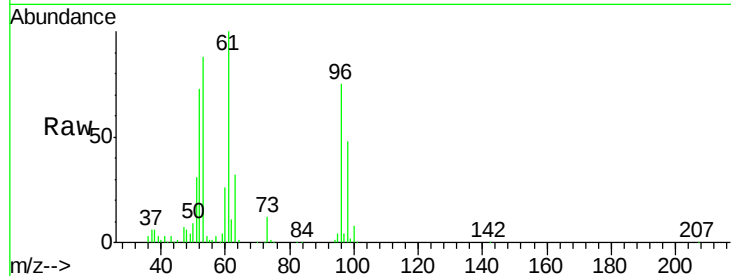
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	158365
Ion	Ratio	Lower	Upper
96	100		
61	133.2	102.9	154.3
98	64.2	52.1	78.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.132 ug/l

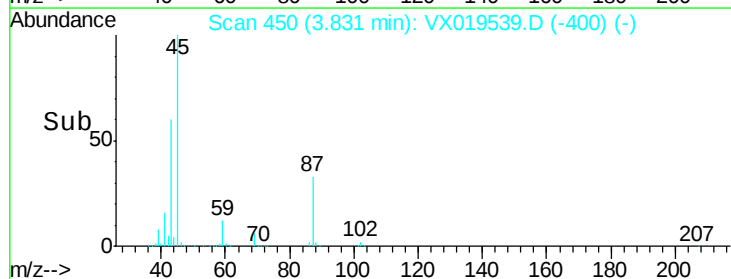
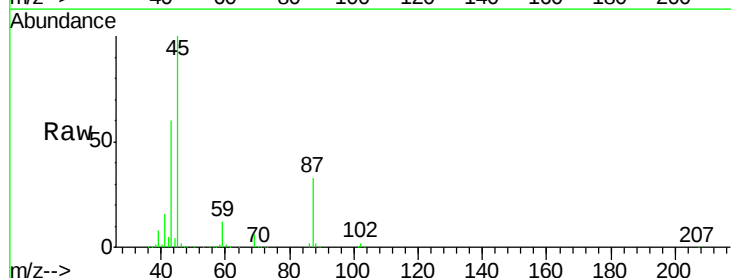
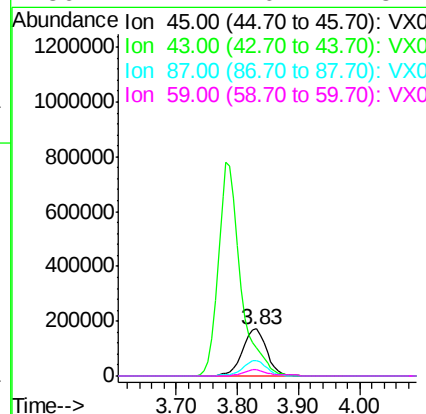
RT: 3.83 min Scan# 450

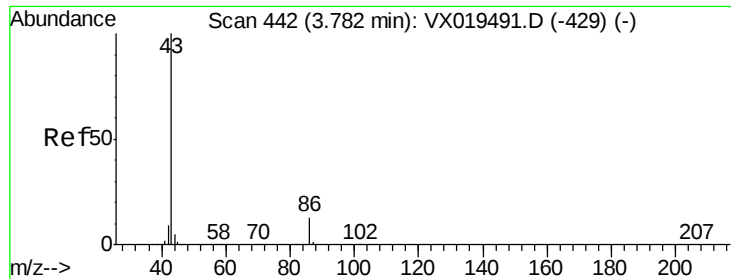
Delta R.T. 0.01 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Tgt Ion:	45	Resp:	471527
Ion	Ratio	Lower	Upper
45	100		
43	59.9	56.1	84.1
87	32.5	24.2	36.2
59	12.4	10.2	15.2





#23

Vinyl Acetate

Concen: 259.246 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2005300

Ion Ratio Lower Upper

43 100

86 12.7

10.2

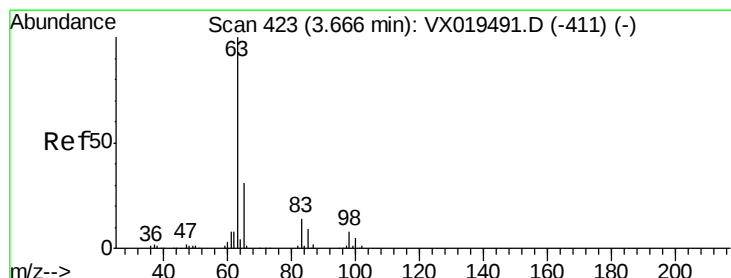
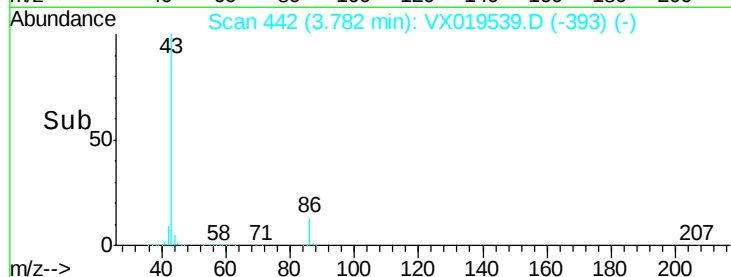
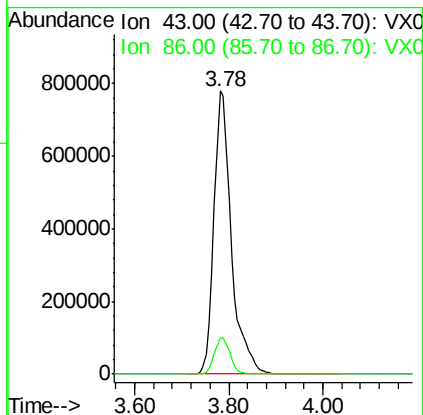
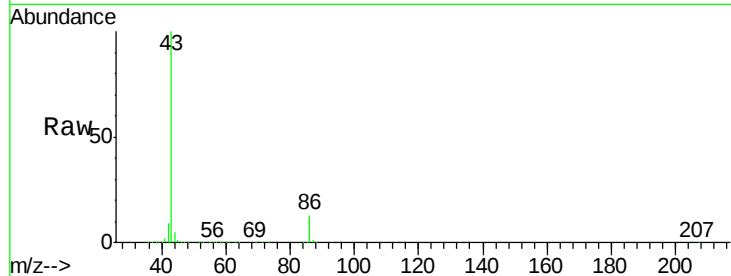
15.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.192 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Tgt Ion: 63 Resp: 283108

Ion Ratio Lower Upper

63 100

98 8.2

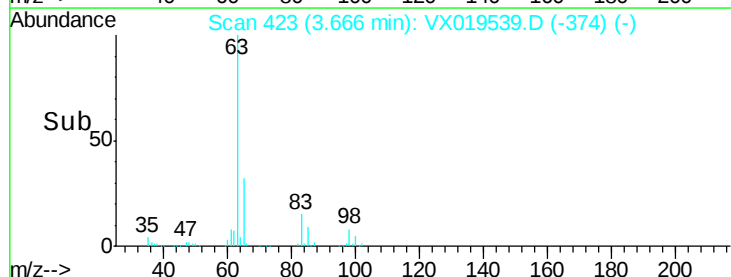
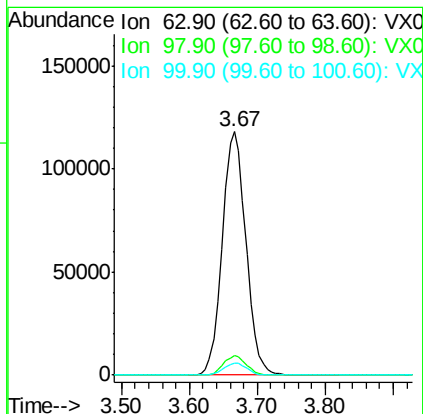
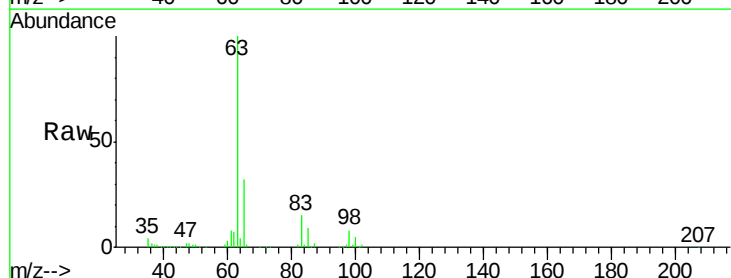
3.9

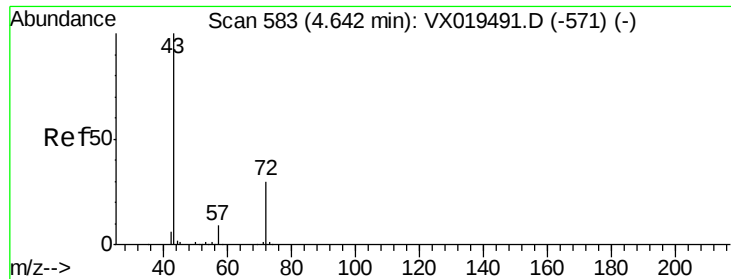
11.7

100 5.2

2.4

7.1





#25

2-Butanone

Concen: 245.621 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 530268

Ion Ratio Lower Upper

43 100

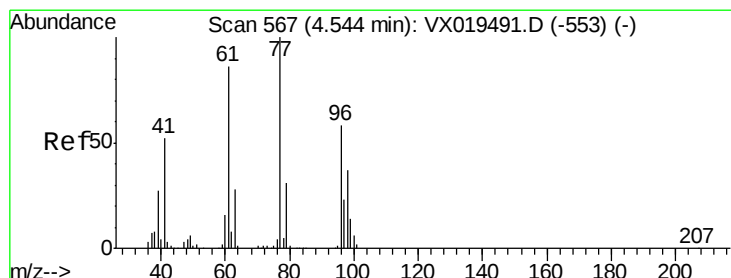
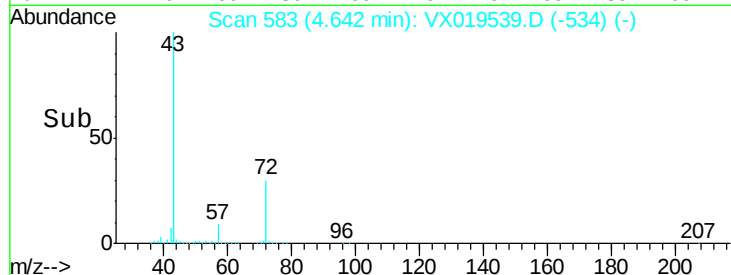
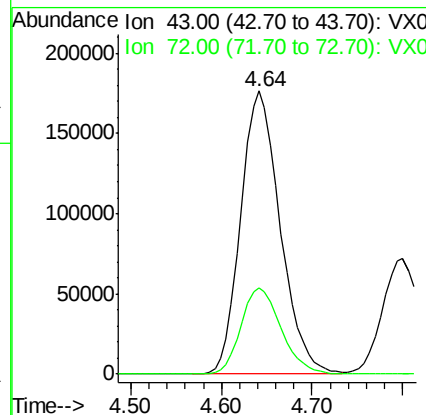
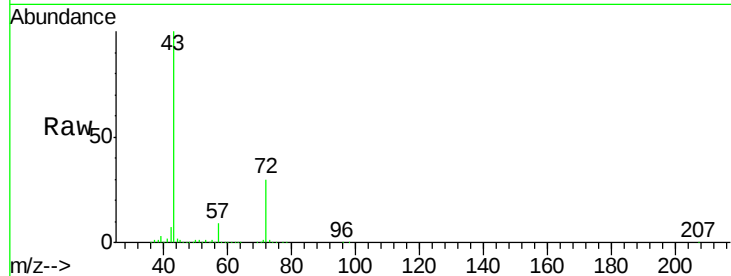
72 30.2 24.0 36.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 33.191 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019539.D

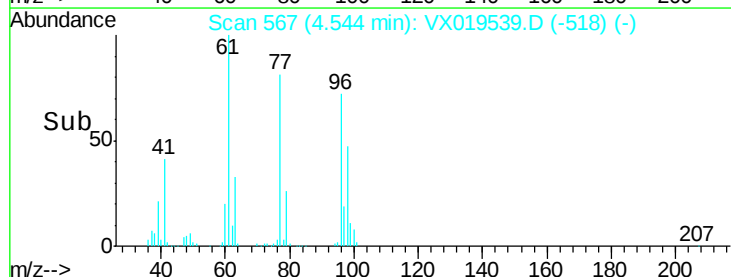
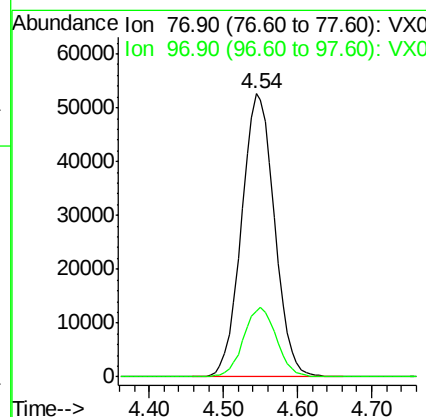
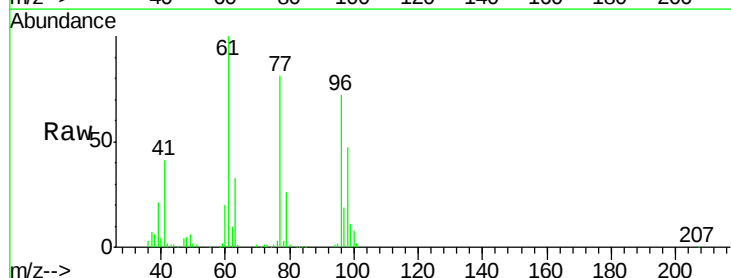
Acq: 21 Nov 2020 10:10

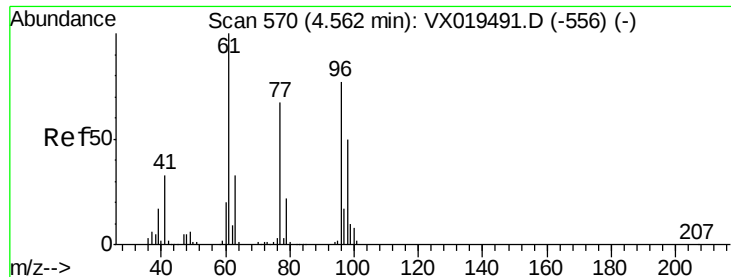
Tgt Ion: 77 Resp: 163410

Ion Ratio Lower Upper

77 100

97 24.6 11.6 34.8





#27

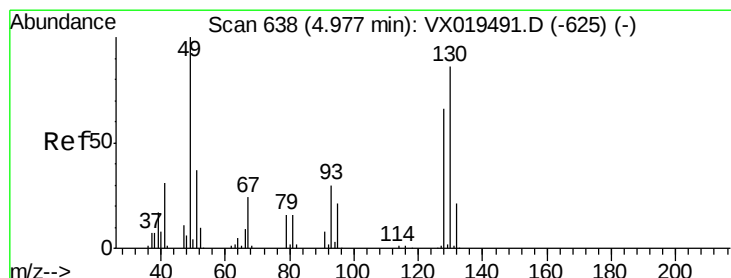
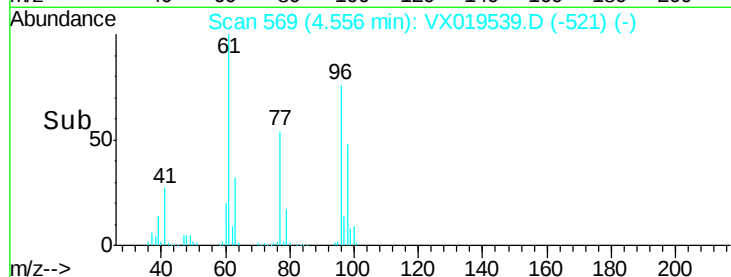
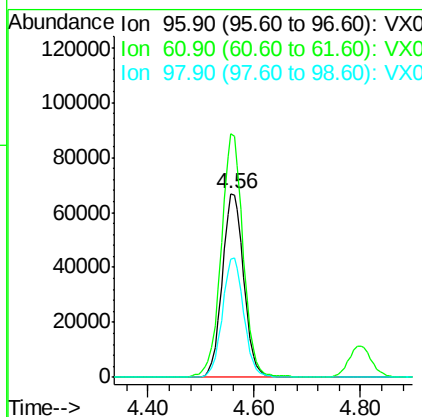
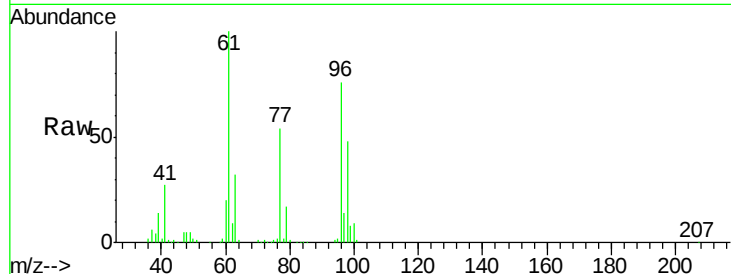
cis-1,2-Dichloroethene
Concen: 51.153 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	189440		
61	135.1	0.0	279.2	
98	64.5	0.0	129.8	

Manual Integrations
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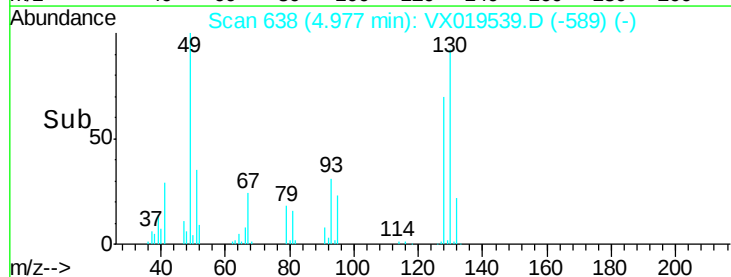
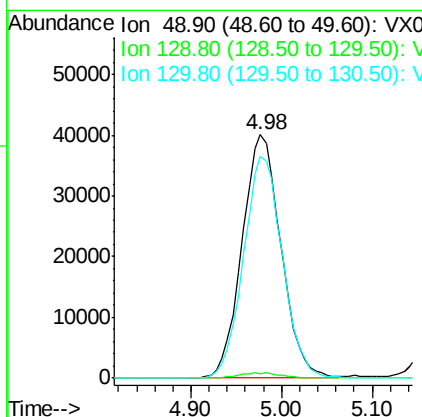
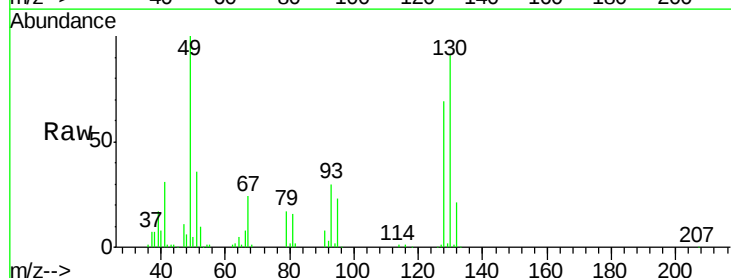
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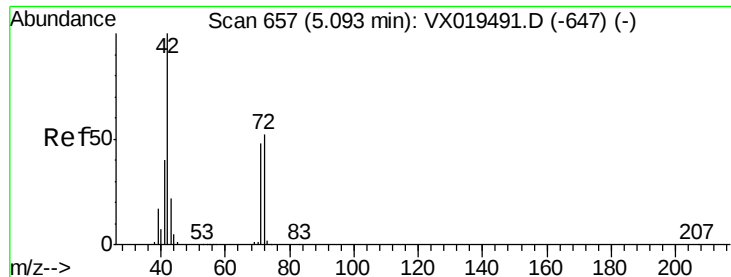


#28

Bromochloromethane
Concen: 44.239 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	119300		
129	2.2	0.0	4.2	
130	91.1	69.0	103.6	





#29

Tetrahydrofuran

Concen: 249.013 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

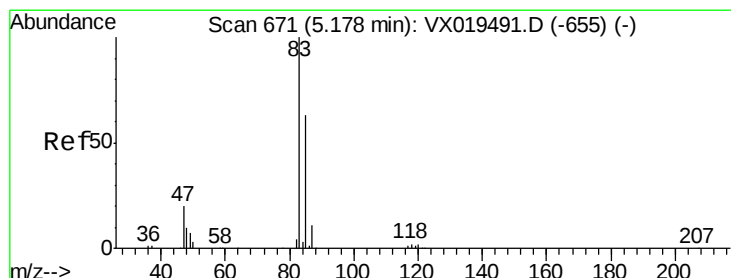
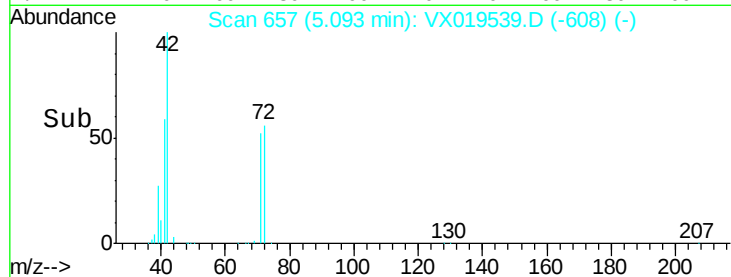
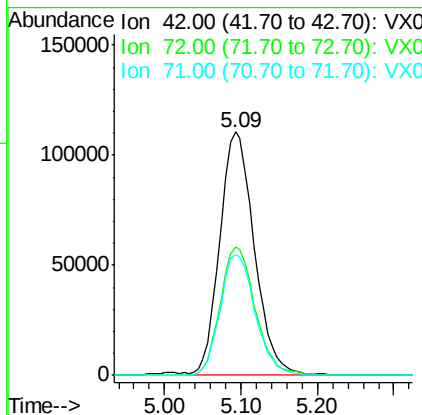
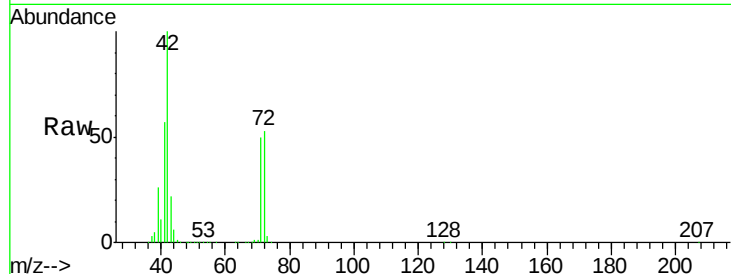
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	343008
Ion Ratio		Lower	Upper
42	100		
72	54.3	42.6	63.8
71	50.6	39.0	58.6

Manual Integrations
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#30

Chloroform

Concen: 50.744 ug/l

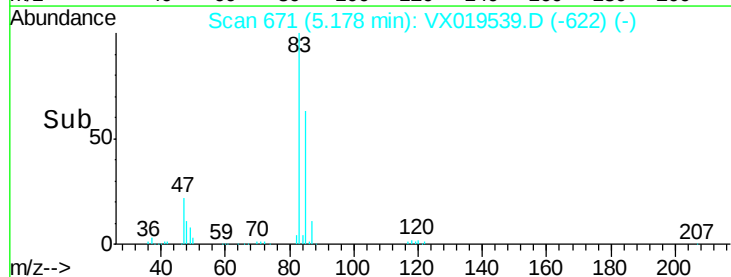
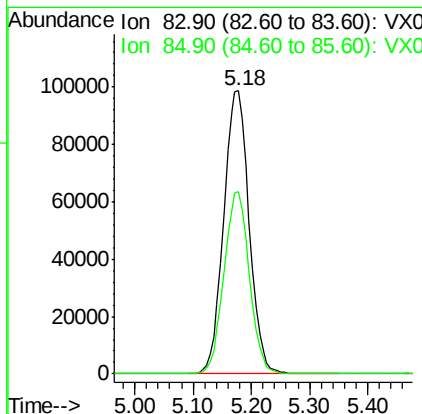
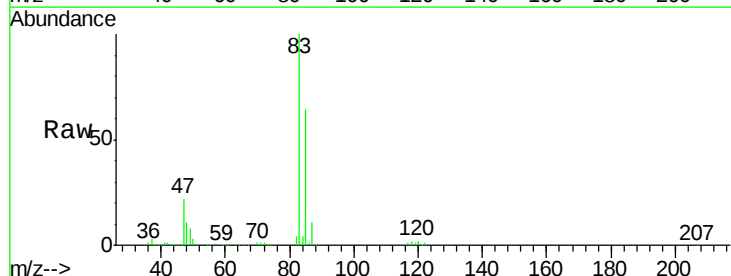
RT: 5.18 min Scan# 671

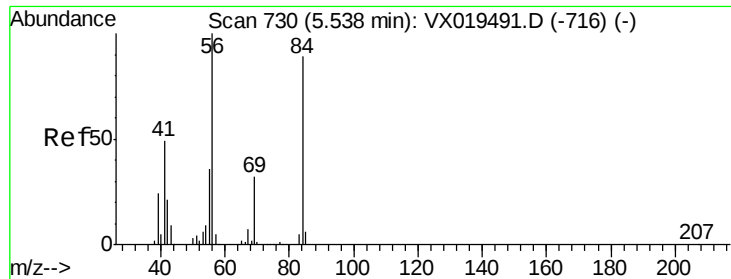
Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Tgt Ion:	83	Resp:	299291
Ion Ratio		Lower	Upper
83	100		
85	64.4	50.5	75.7





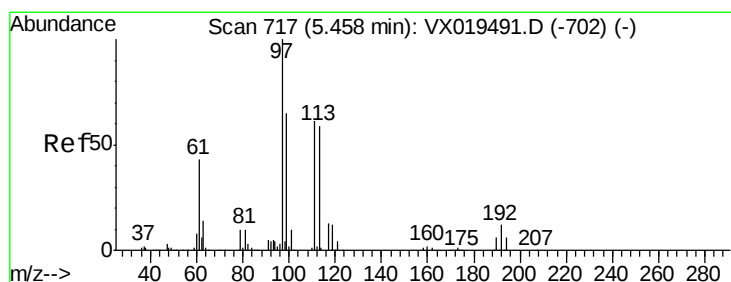
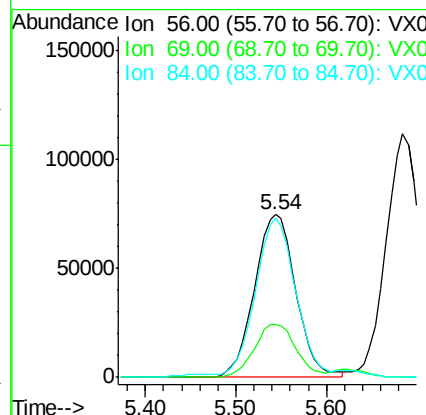
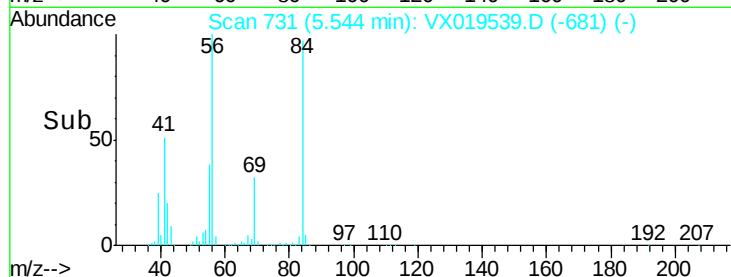
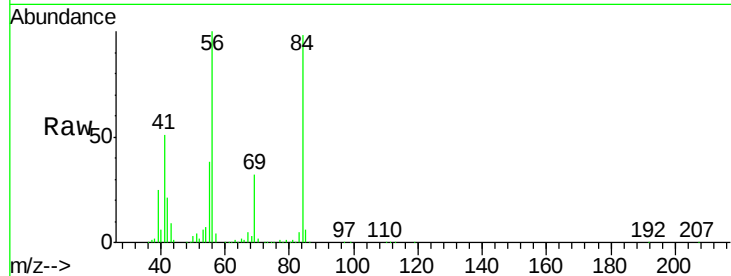
#31
Cyclohexane
Concen: 48.687 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.5	38.3
84	95.8	71.1	106.7

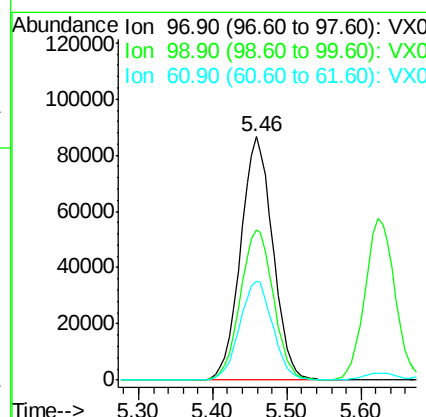
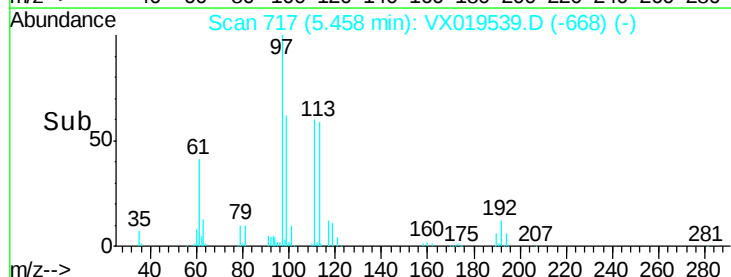
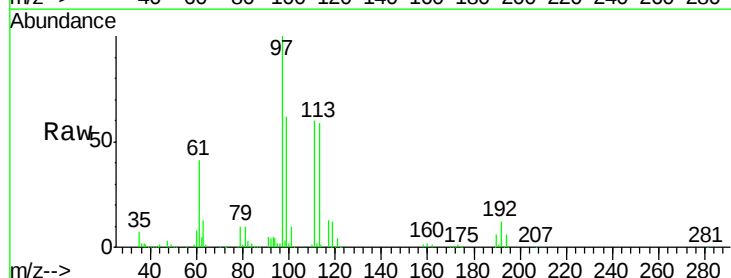
Manual Integrations
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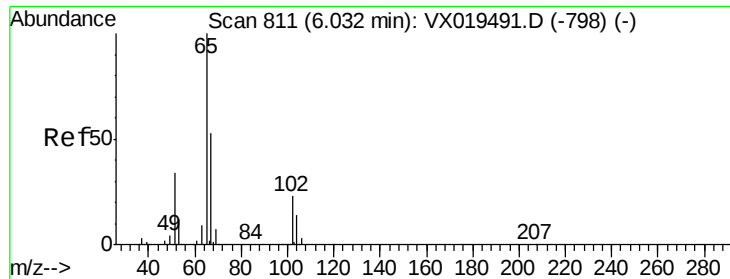
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#32
1,1,1-Trichloroethane
Concen: 51.812 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.4	77.0
61	41.7	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 49.643 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 184488

Ion Ratio Lower Upper

65 100

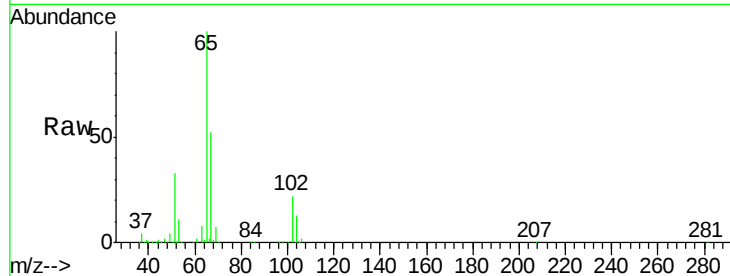
67 53.1 0.0 105.0

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

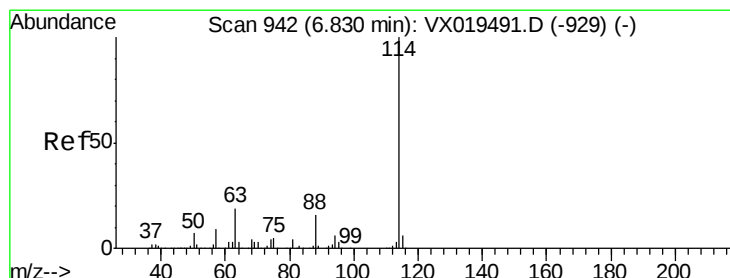
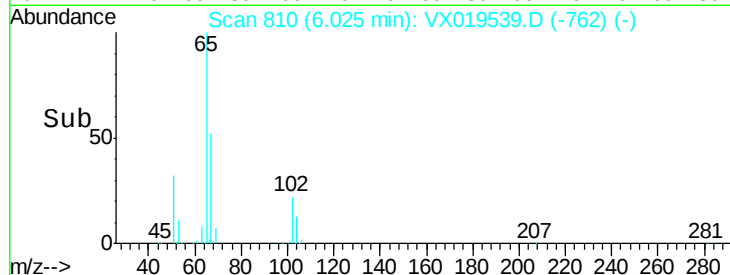
40000

20000

0

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

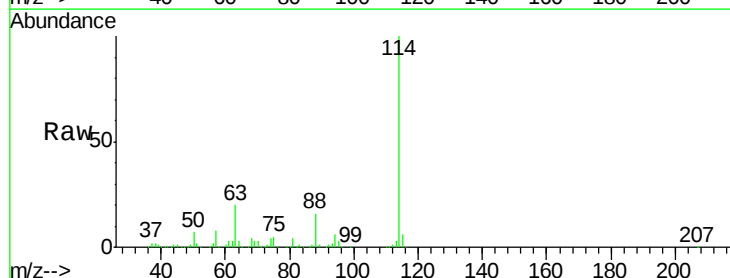
Tgt Ion: 114 Resp: 484369

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

88 15.7 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

250000

200000

150000

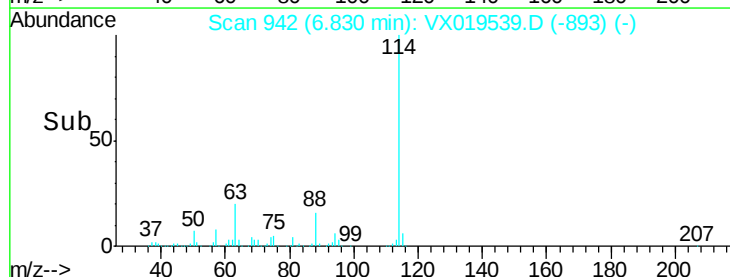
100000

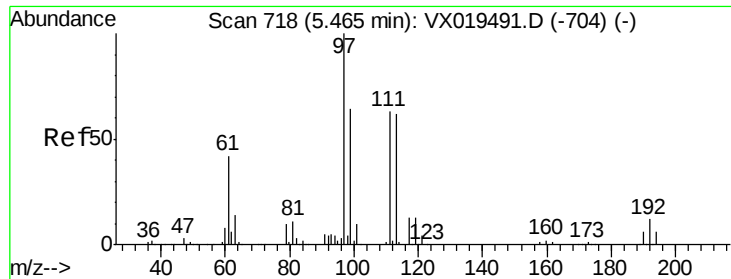
50000

0

6.70 6.80 6.90 7.00 7.10

Time-->





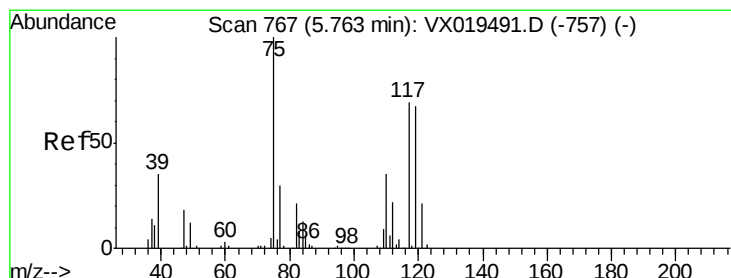
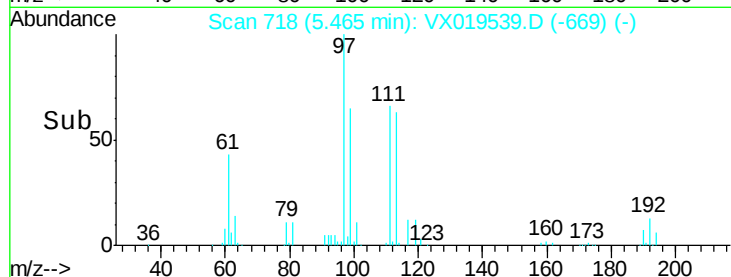
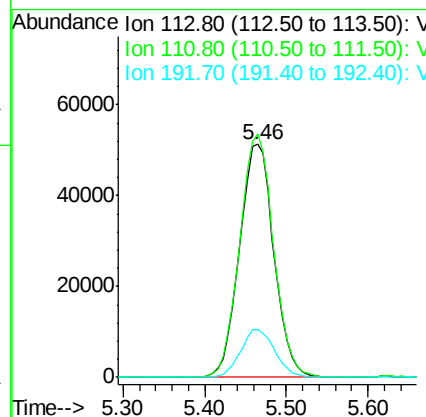
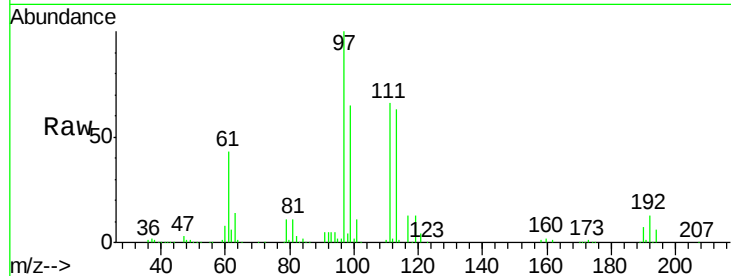
#35
Dibromofluoromethane
Concen: 49.295 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	149875		
111	102.9	81.5	122.3	
192	20.5	16.2	24.2	

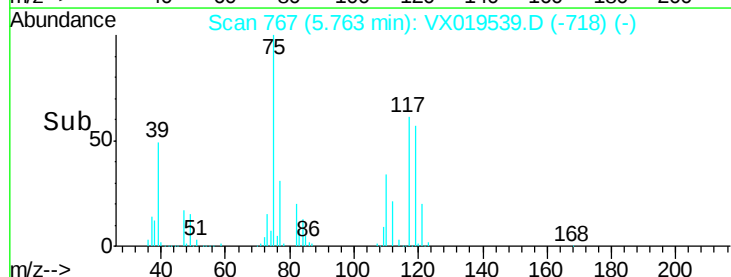
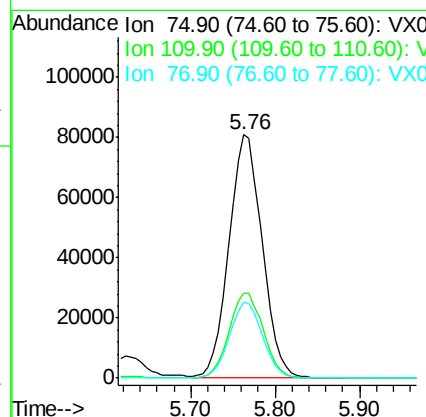
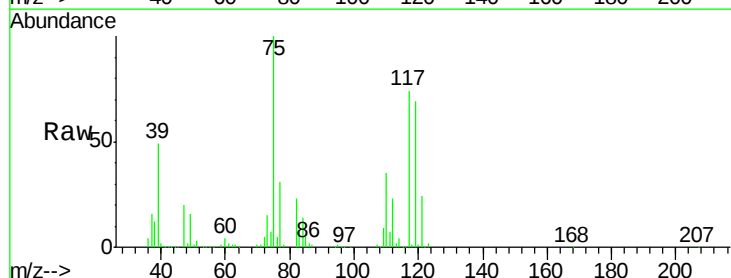
Manual Integrations
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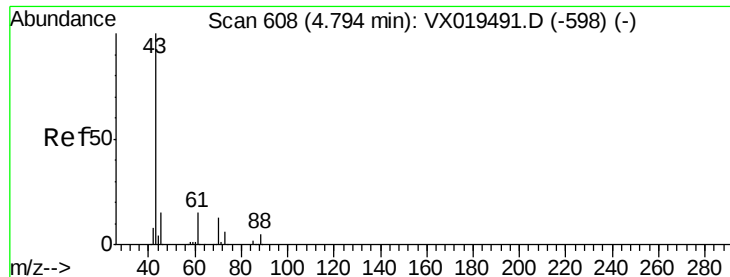
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#36
1,1-Dichloropropene
Concen: 47.708 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	216639		
110	36.1	18.1	54.3	
77	31.4	24.2	36.4	





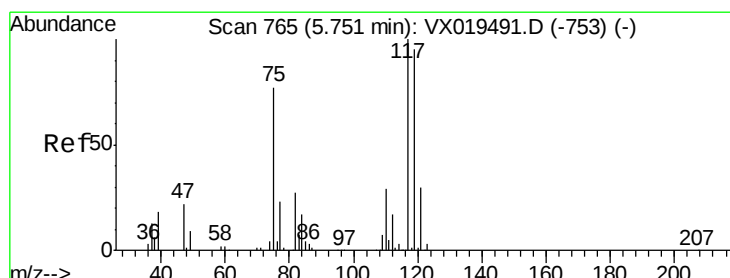
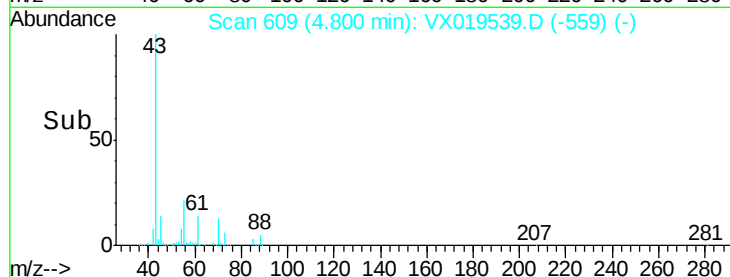
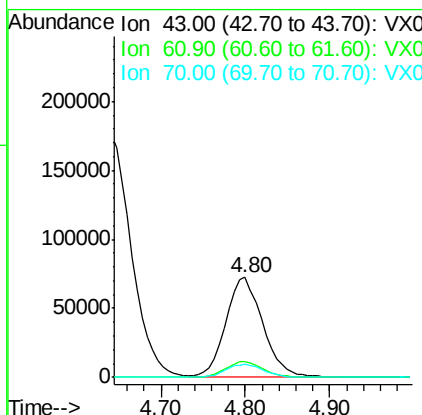
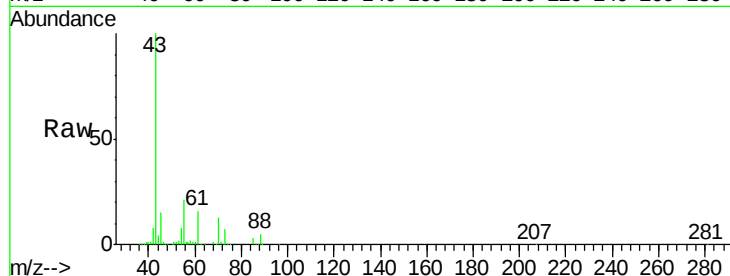
#37
Ethyl Acetate
Concen: 50.203 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.7	19.1
70	13.3	10.2	15.2

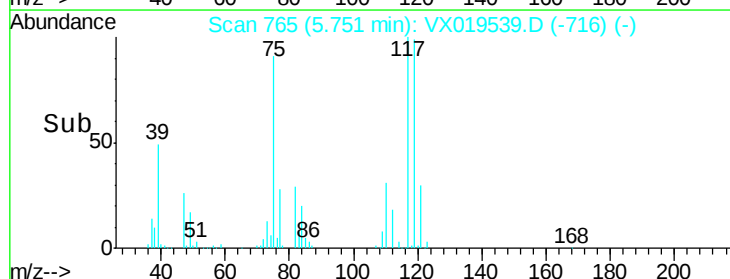
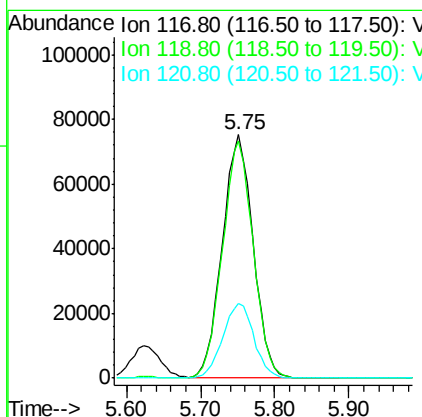
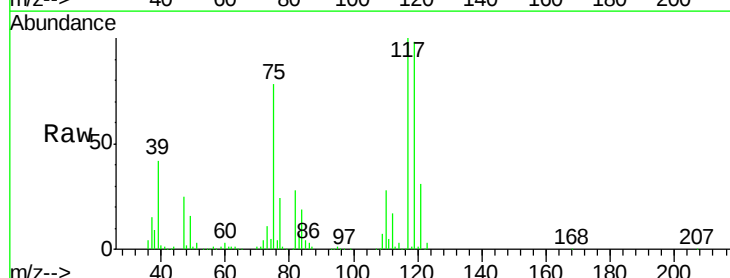
Manual Integrations
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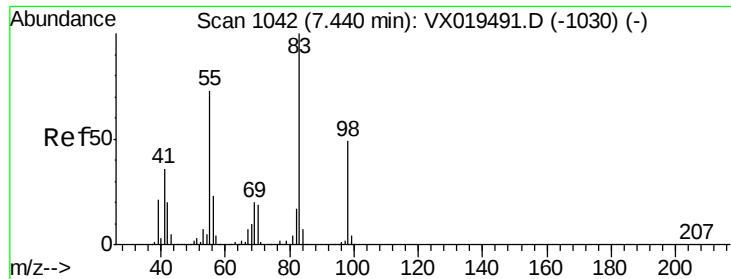
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#38
Carbon Tetrachloride
Concen: 49.576 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.9	113.9
121	30.6	24.0	36.0





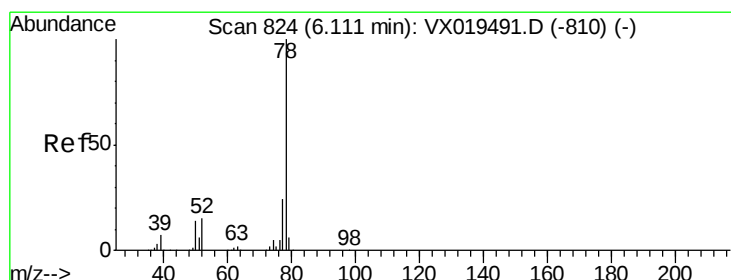
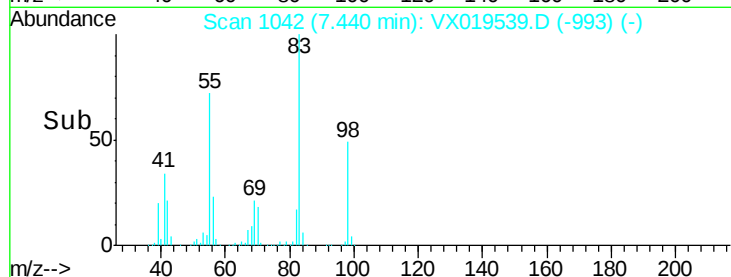
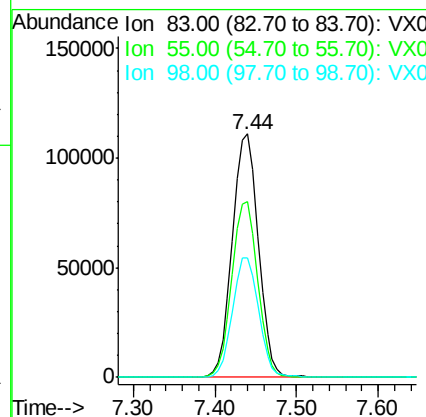
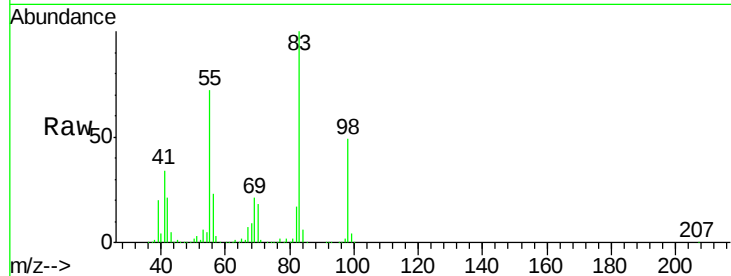
#39
Methvlcvclohexane
Concen: 46.391 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	245285		
55	72.4		58.3	87.5
98	48.8		38.9	58.3

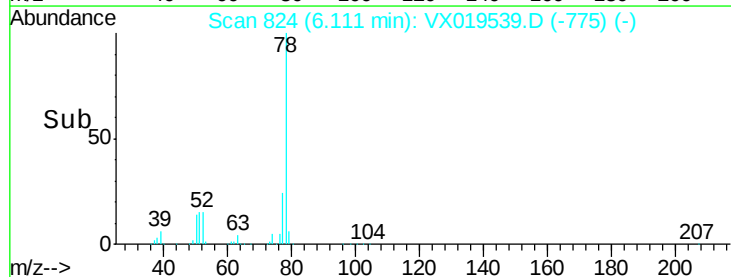
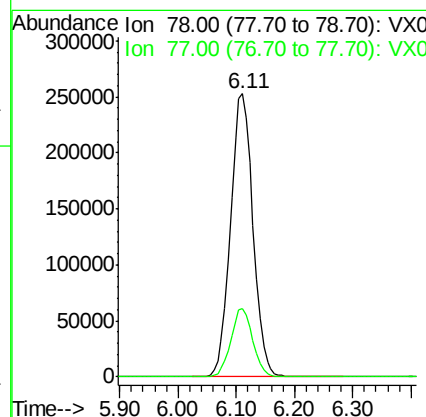
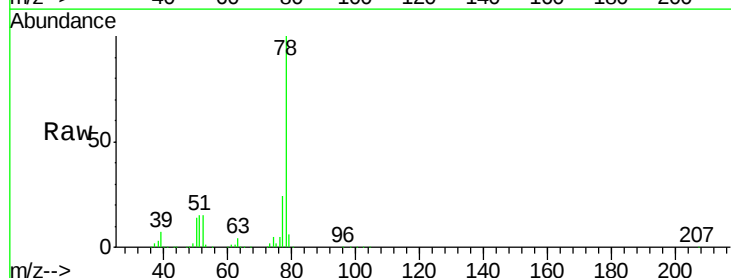
Manual Integrations
APPROVED

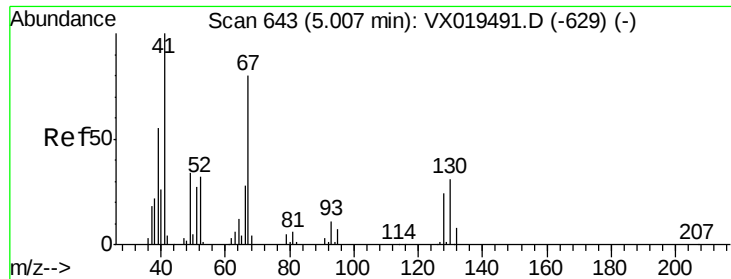
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#40
Benzene
Concen: 48.484 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	676453		
77	24.0		18.9	28.3





#41

Methacrylonitrile

Concen: 49.018 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 115233

Ion Ratio Lower Upper

41 100

39 54.3 43.3 64.9

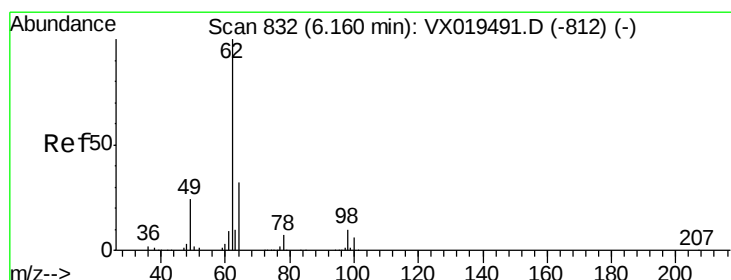
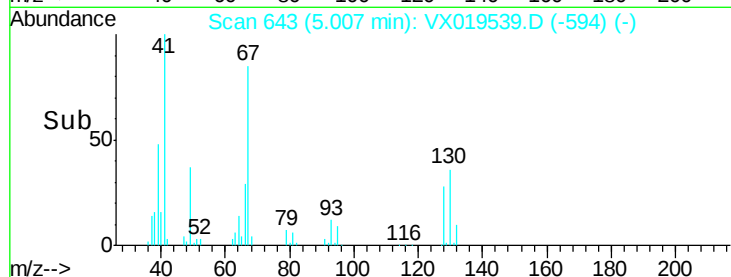
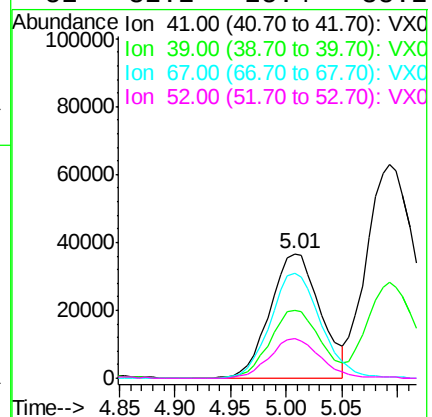
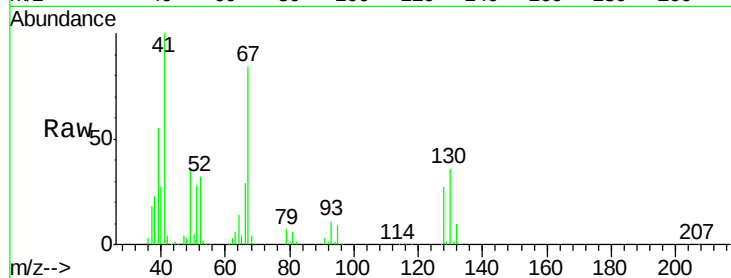
67 85.2 66.0 99.0

52 32.2 25.4 38.2

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.408 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX019539.D

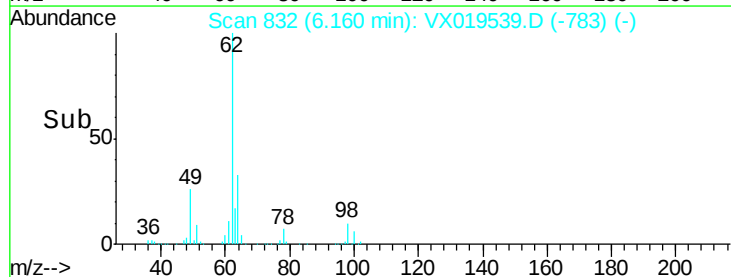
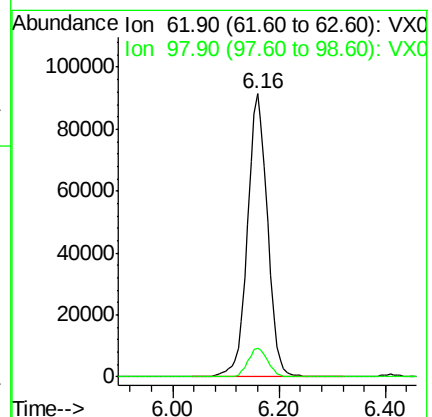
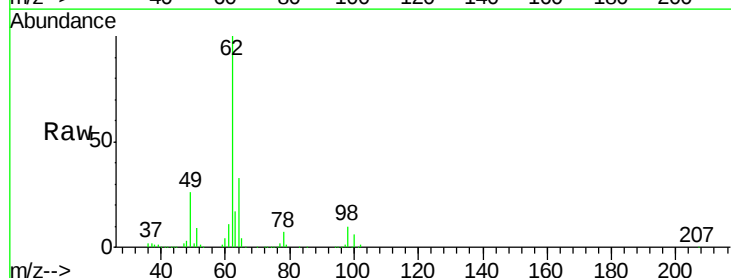
Acq: 21 Nov 2020 10:10

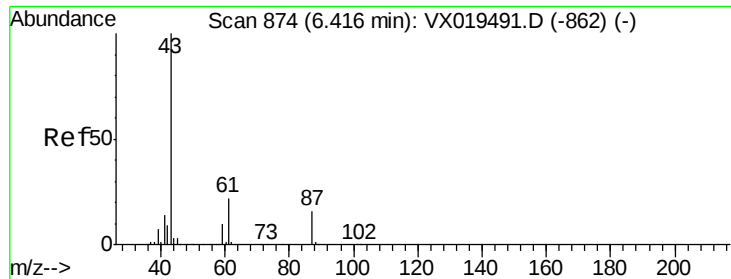
Tgt Ion: 62 Resp: 236277

Ion Ratio Lower Upper

62 100

98 10.0 0.0 20.0





#43

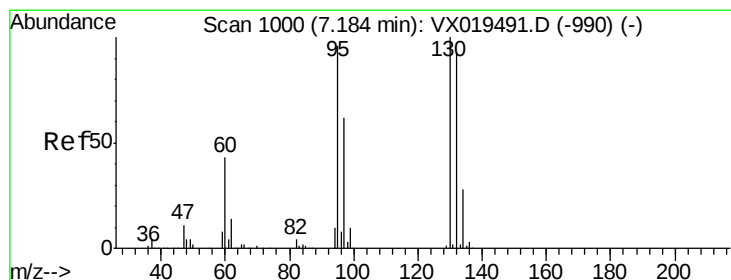
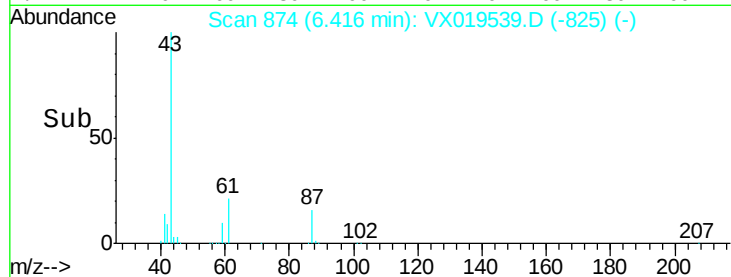
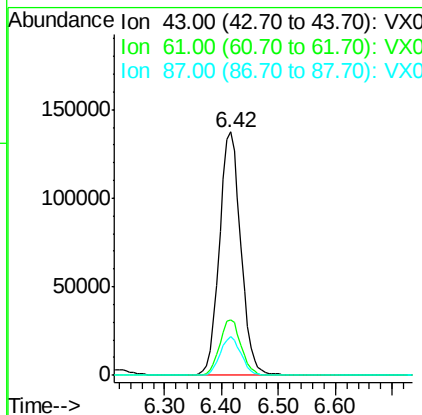
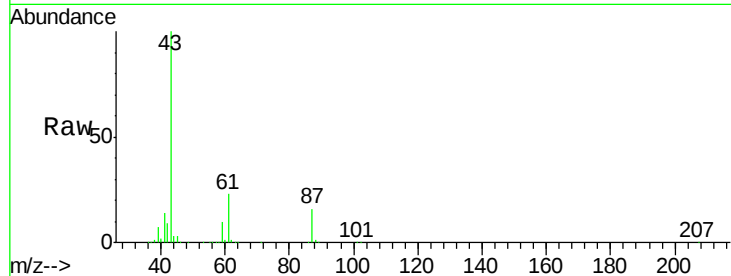
Isopropyl Acetate
 Concen: 49.678 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.2	27.2
87	15.7	12.6	18.8

Manual Integrations
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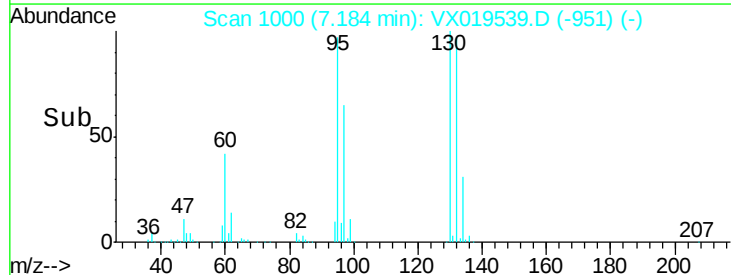
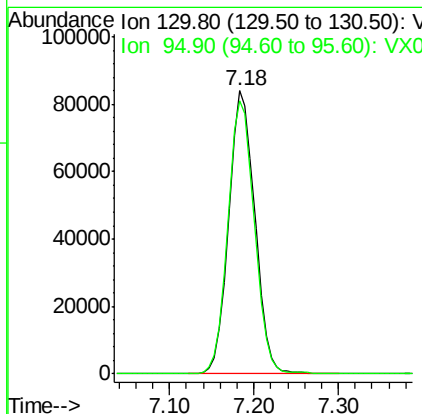
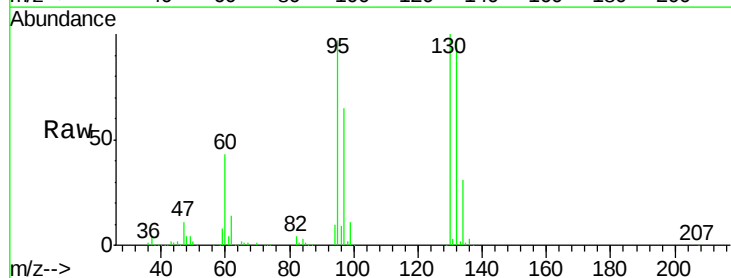
MMDadoda
 11/23/2020 9:35:11 AM

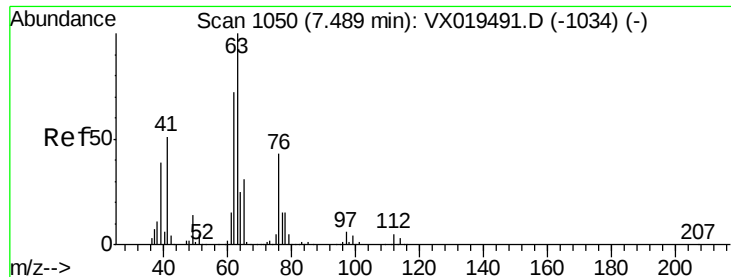


#44

Trichloroethene
 Concen: 48.420 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	191.2





#45

1,2-Dichloropropane

Concen: 48.868 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 167848

Ion Ratio Lower Upper

63 100

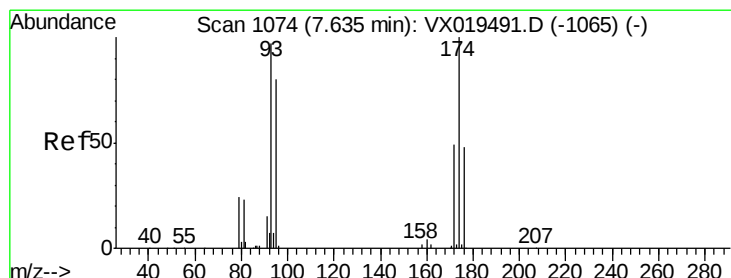
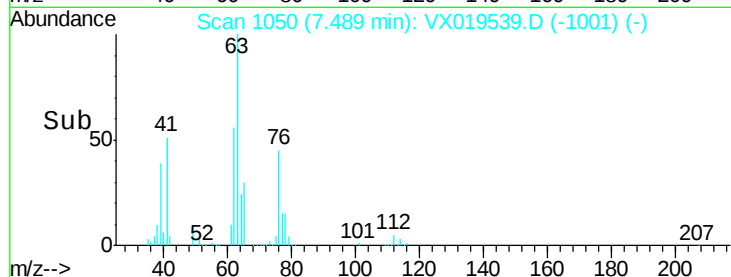
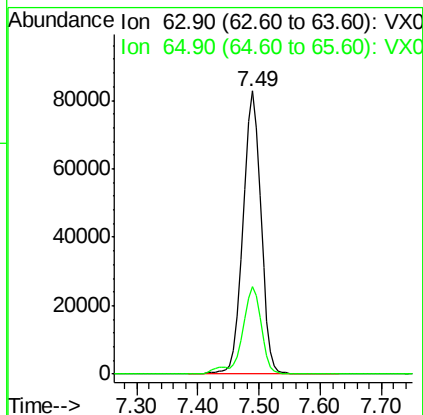
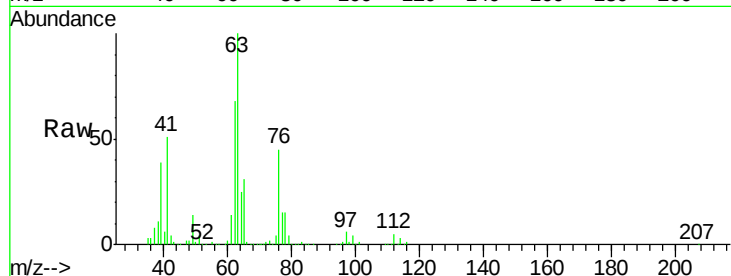
65 30.7 25.0 37.4

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#46

Dibromomethane

Concen: 49.196 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

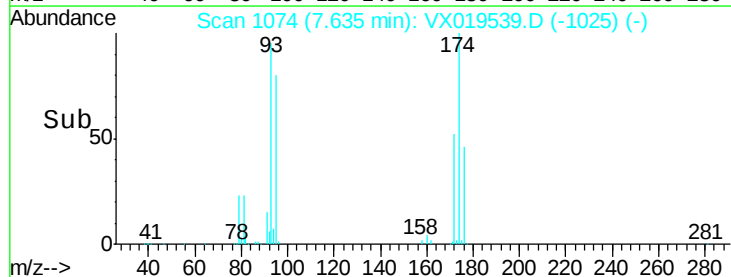
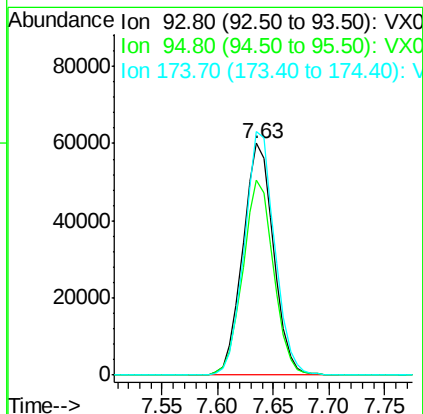
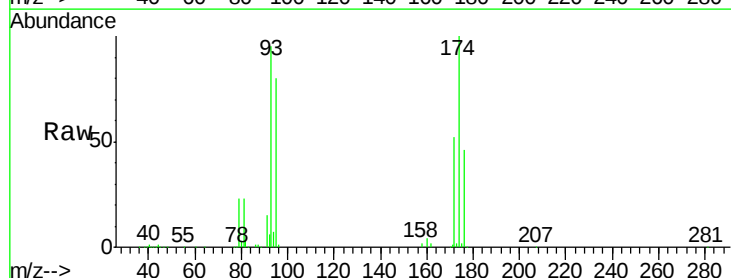
Tgt Ion: 93 Resp: 115652

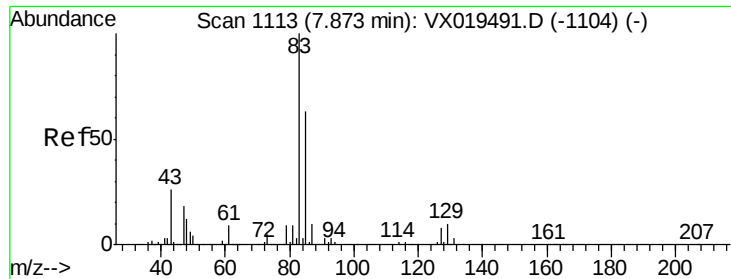
Ion Ratio Lower Upper

93 100

95 84.0 66.8 100.2

174 103.6 83.0 124.4





#47

Bromodichloromethane

Concen: 49.937 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

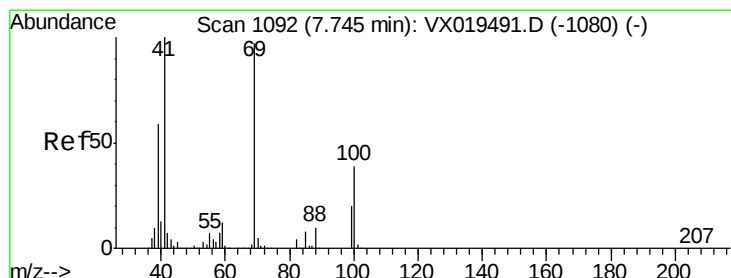
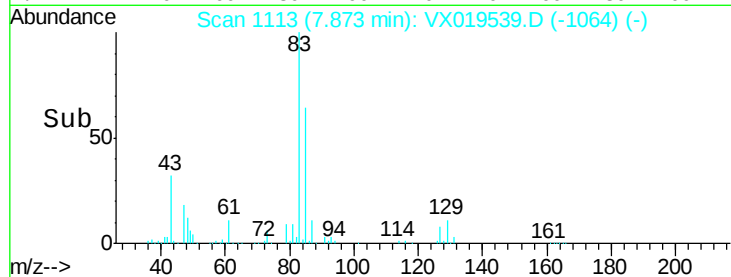
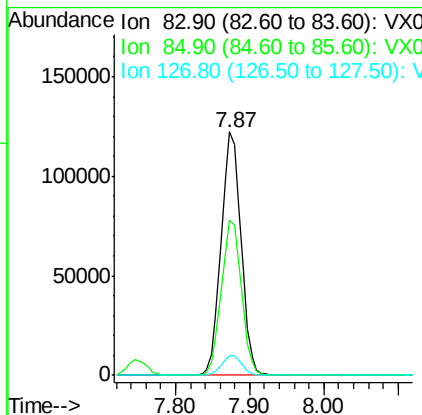
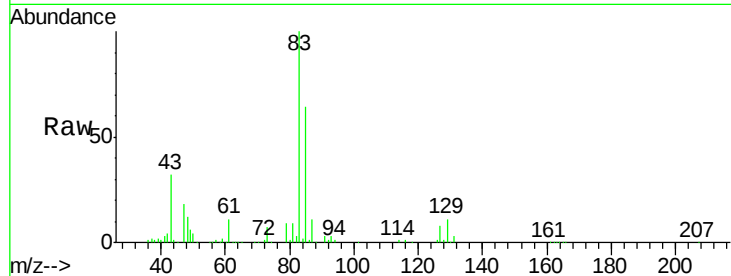
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	227799
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.2	75.2
127	8.3	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.154 ug/l

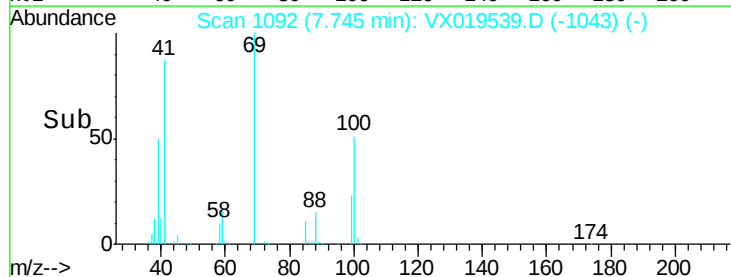
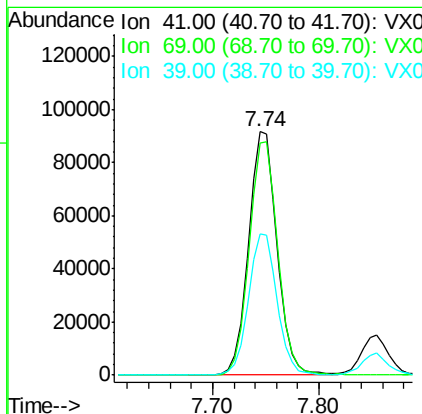
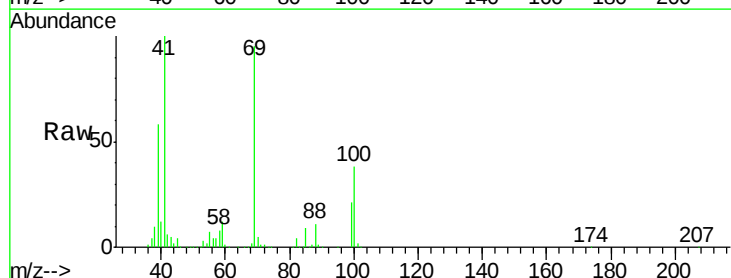
RT: 7.74 min Scan# 1092

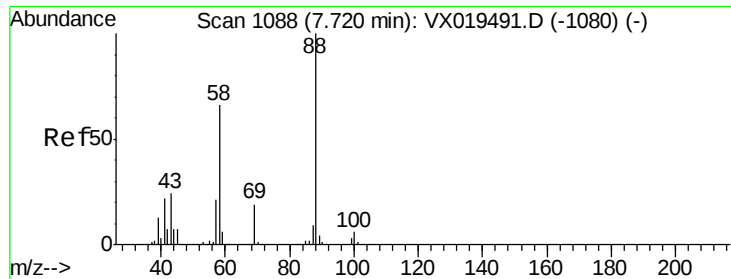
Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Tgt Ion:	41	Resp:	171679
Ion	Ratio	Lower	Upper
41	100		
69	96.7	77.0	115.6
39	58.1	45.6	68.4





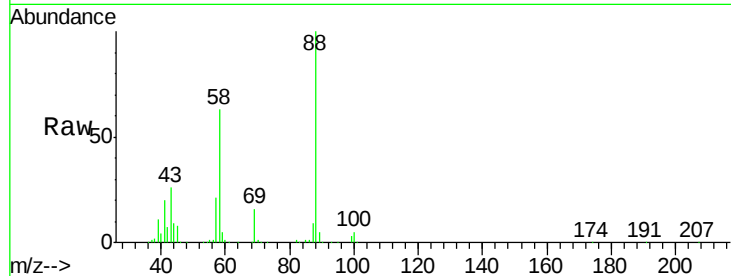
#49
1,4-Dioxane
Concen: 1072.972 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

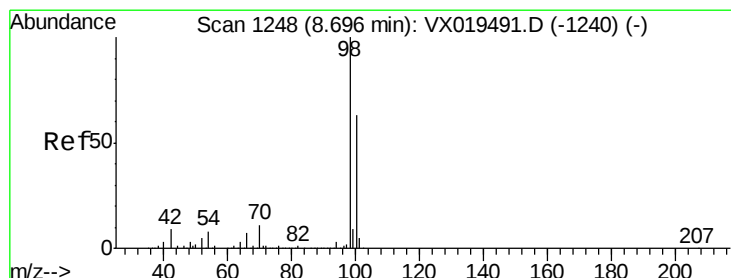
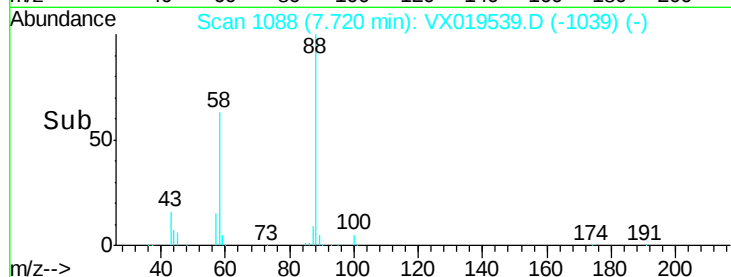
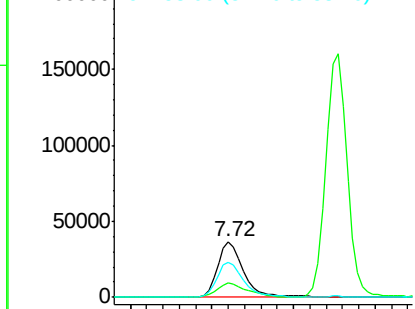
Tot Ion	Ratio	Lower	Upper
88	100		
43	28.3	23.8	35.6
58	66.4	54.2	81.2

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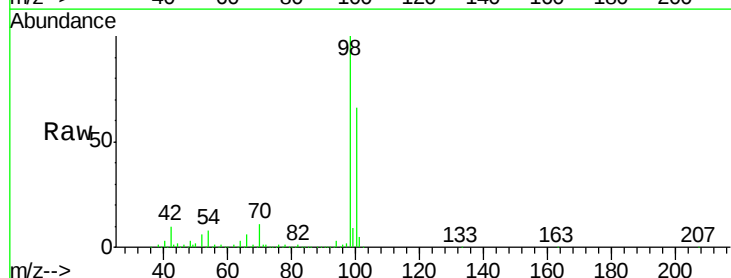


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

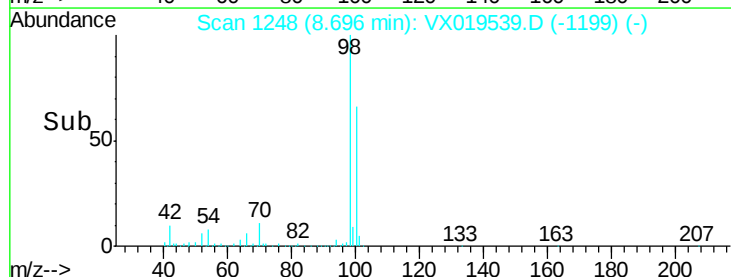
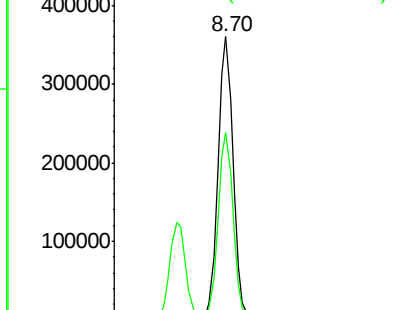


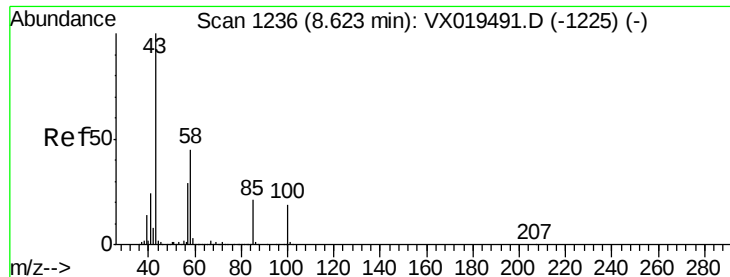
#50
Toluene-d8
Concen: 47.096 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.4	78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





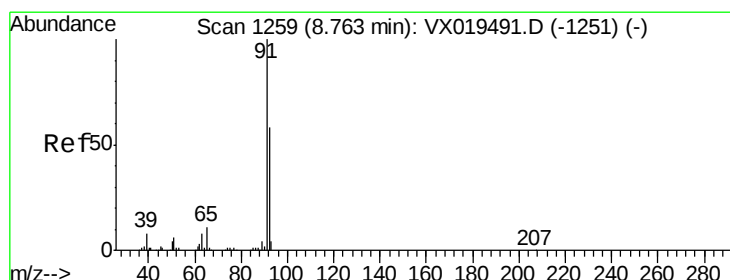
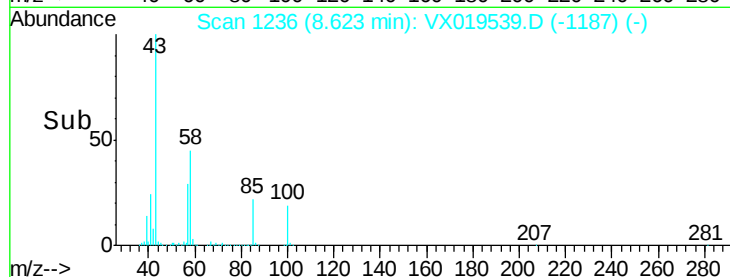
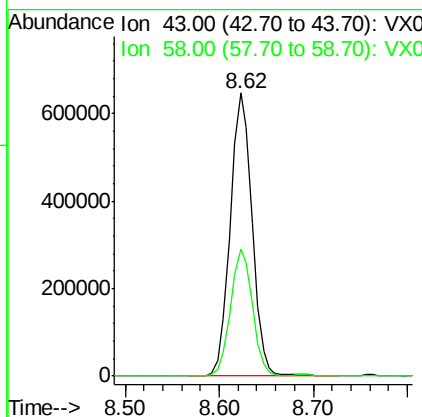
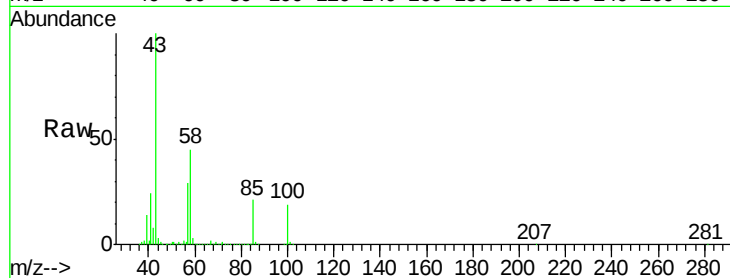
#51
4-Methyl-2-Pentanone
Concen: 249.990 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1044661
Ion Ratio Lower Upper
43 100
58 44.6 35.1 52.7

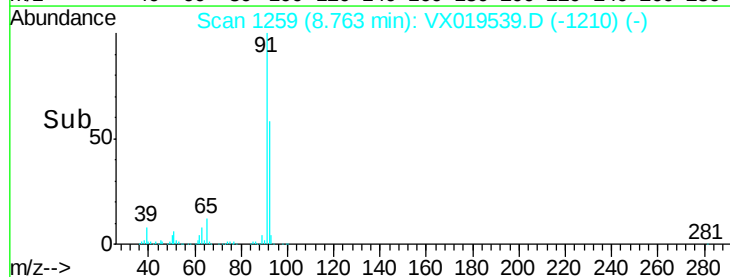
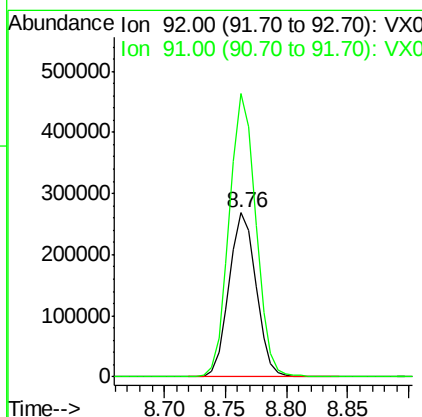
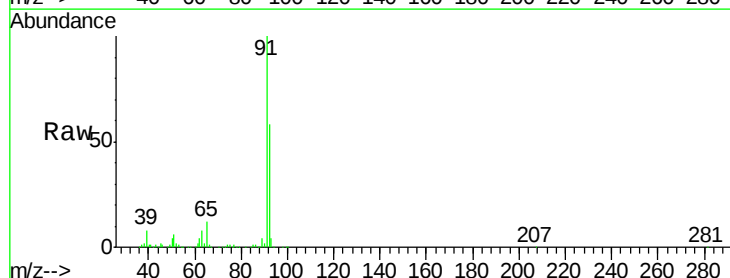
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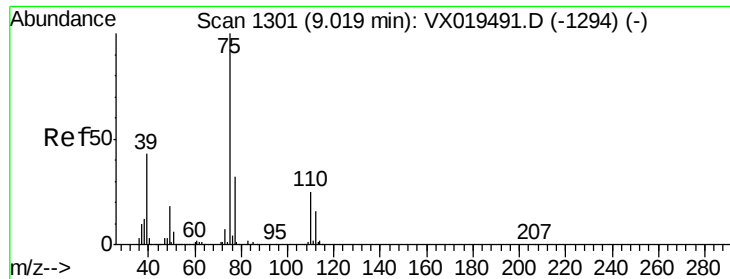
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#52
Toluene
Concen: 48.224 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion: 92 Resp: 411604
Ion Ratio Lower Upper
92 100
91 170.3 138.1 207.1





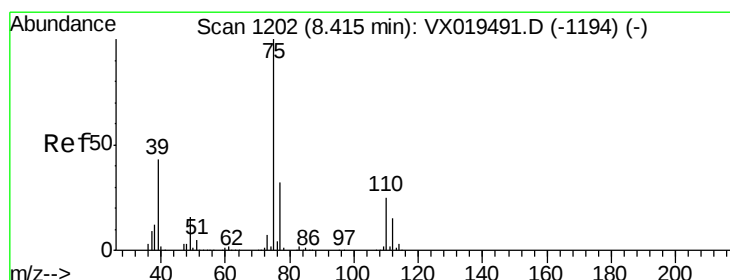
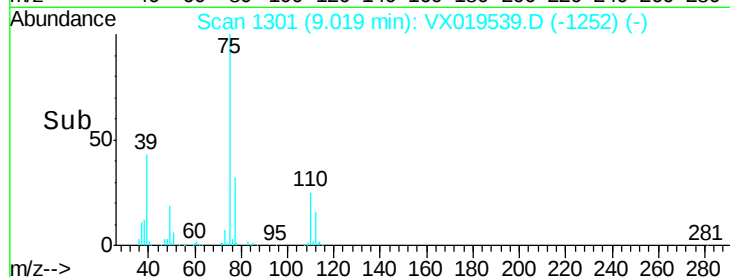
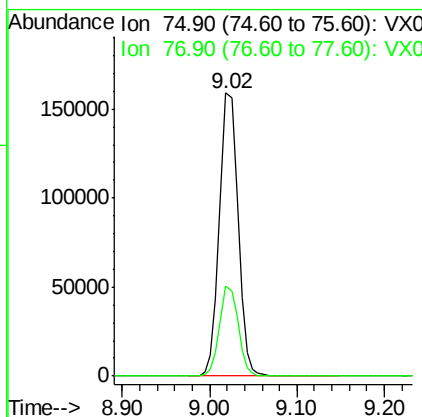
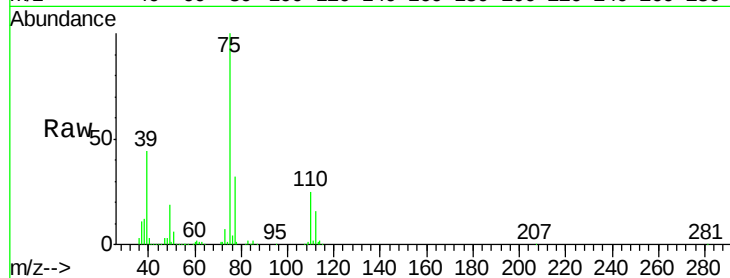
#53
t-1,3-Dichloropropene
Concen: 47.940 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	75	Resp	236180
Ion Ratio	Lower	Upper	
75	100		
77	31.7	25.3	37.9

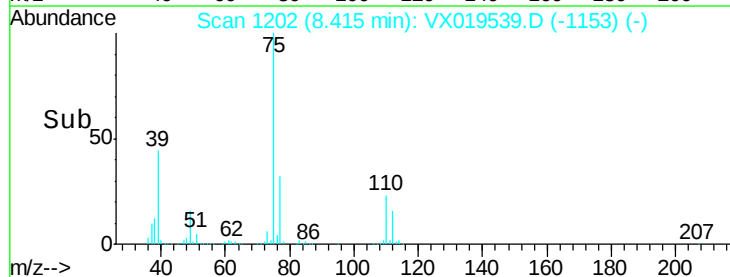
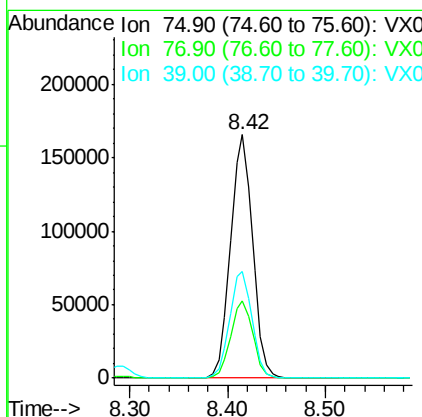
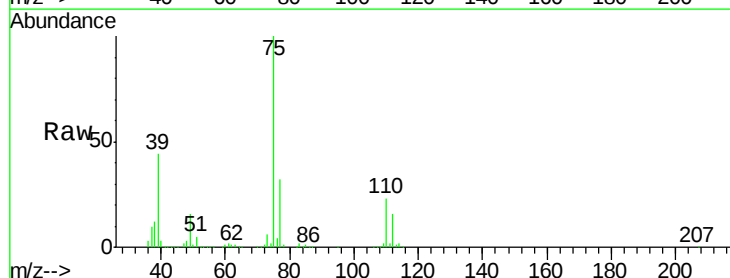
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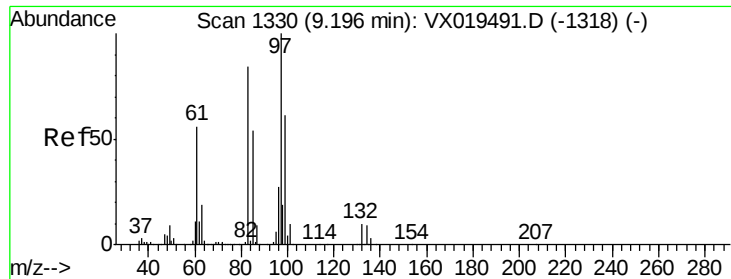
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#54
cis-1,3-Dichloropropene
Concen: 47.509 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion	75	Resp	259747
Ion Ratio	Lower	Upper	
75	100		
77	31.5	25.8	38.6
39	43.8	34.6	51.8





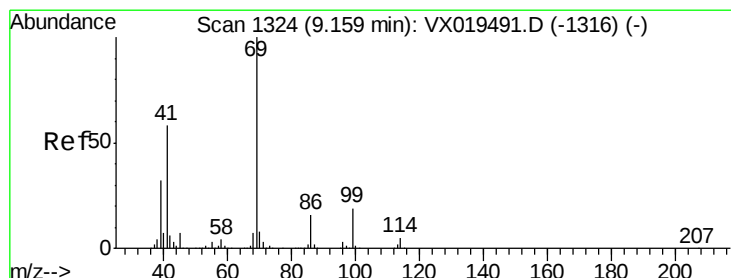
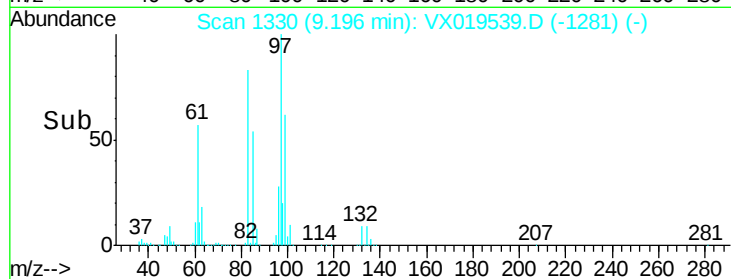
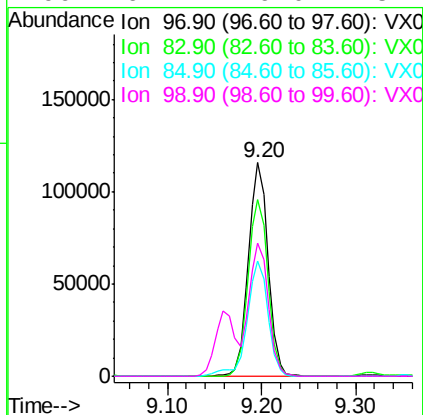
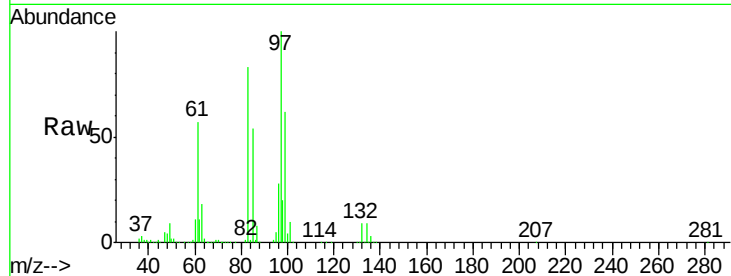
#55
 1,1,2-Trichloroethane
 Concen: 48.984 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		170271		
83	82.6	67.0	100.6		
85	53.8	43.4	65.0		
99	62.2	49.0	73.4		

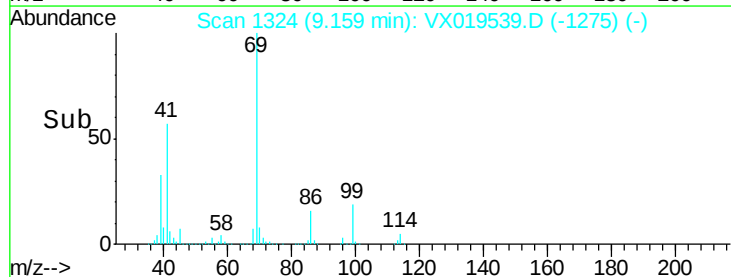
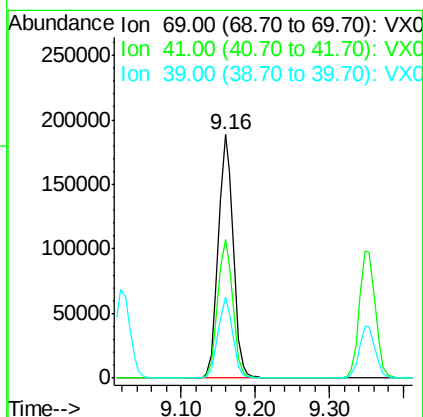
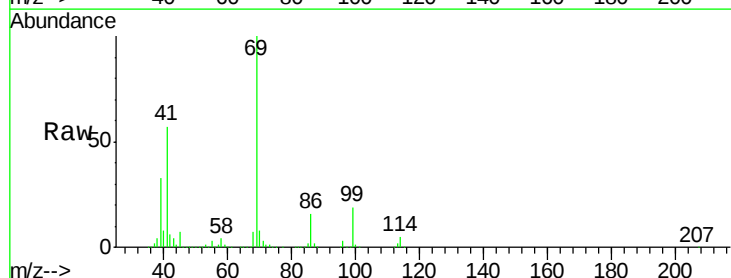
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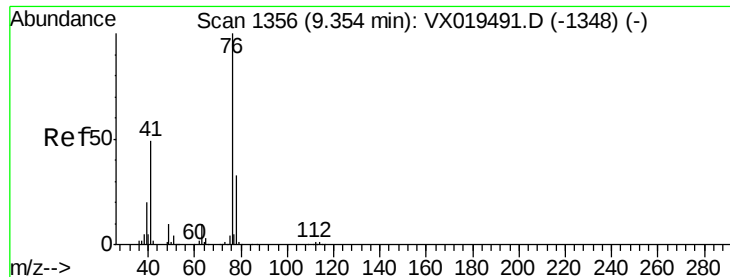
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#56
 Ethyl methacrylate
 Concen: 52.592 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		258682		
41	57.4	46.2	69.2		
39	32.5	25.5	38.3		





#57

1,3-Dichloropropane

Concen: 48.758 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 283757

Ion Ratio Lower Upper

76 100

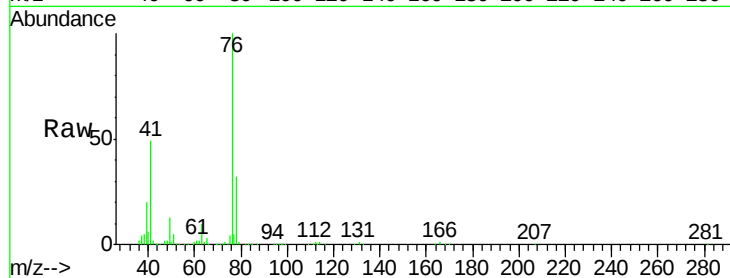
78 32.4 25.7 38.5

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

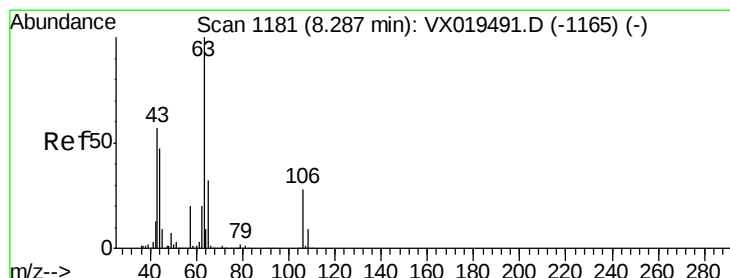
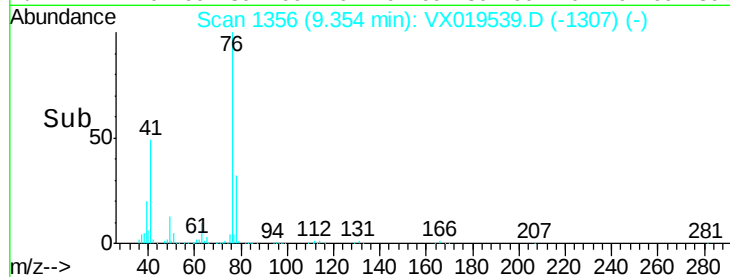
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 236.602 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX019539.D

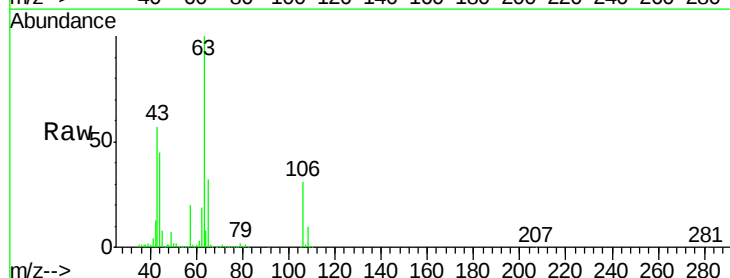
Acq: 21 Nov 2020 10:10

Tgt Ion: 63 Resp: 681917

Ion Ratio Lower Upper

63 100

106 30.6 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

500000

400000

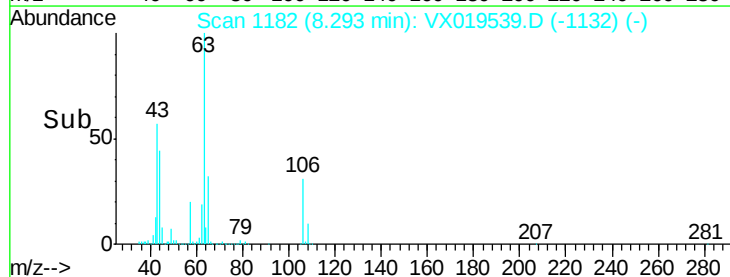
300000

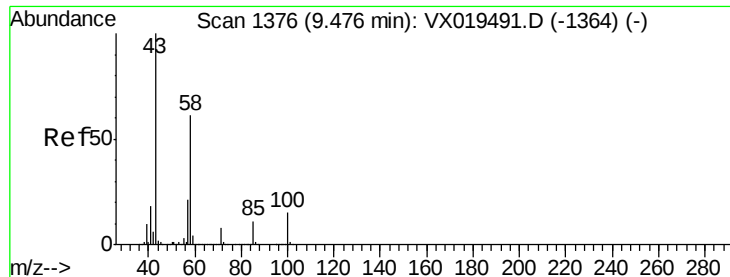
200000

100000

0

Time-->





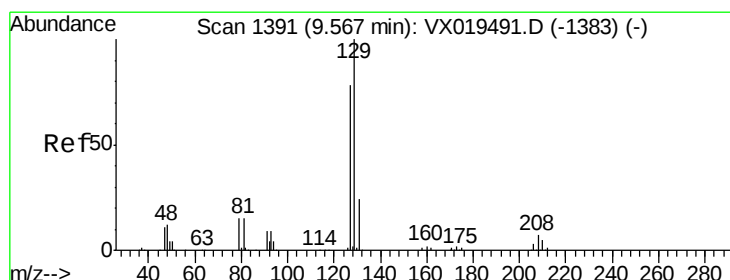
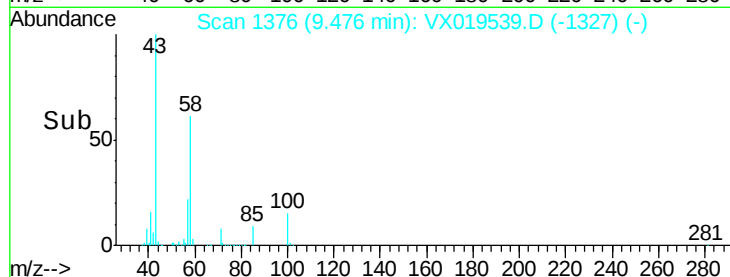
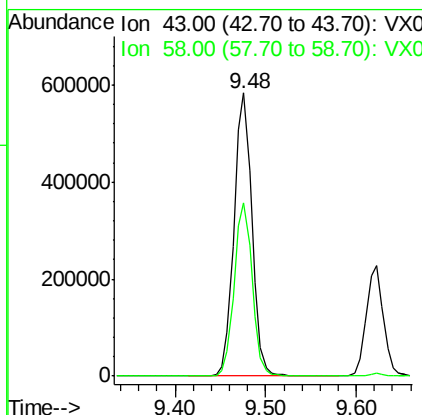
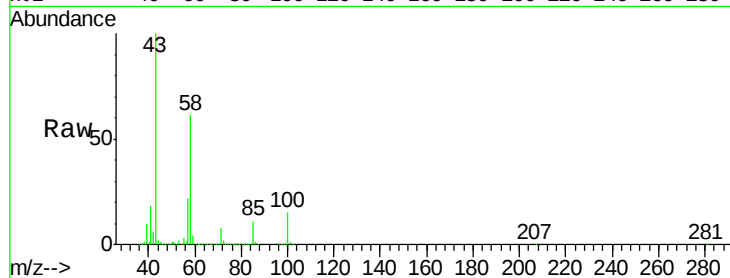
#59
2-Hexanone
Concen: 251.871 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.7	30.6	91.6

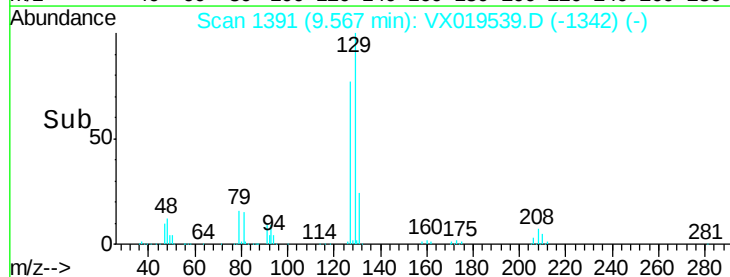
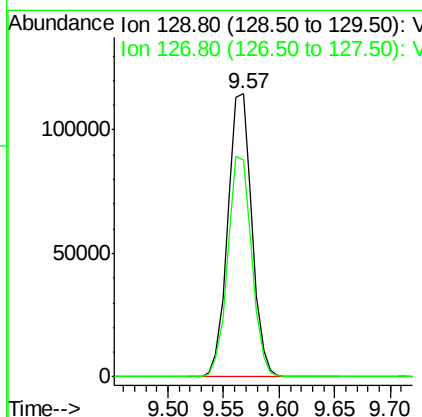
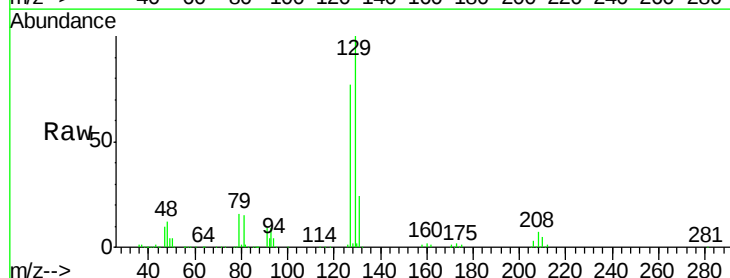
Manual Integrations
APPROVED

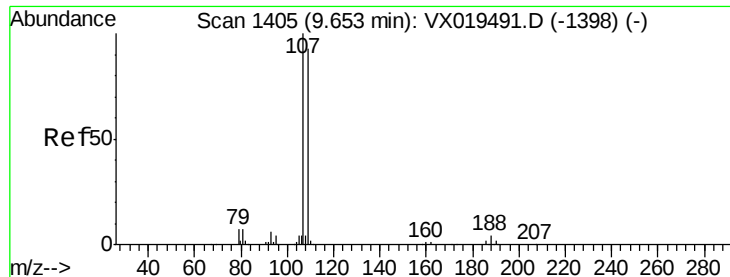
MMDadoda
11/23/2020 9:35:11 AM



#60
Dibromochloromethane
Concen: 50.471 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	39.0	116.9





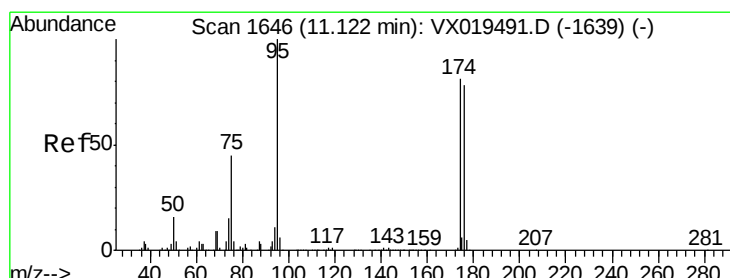
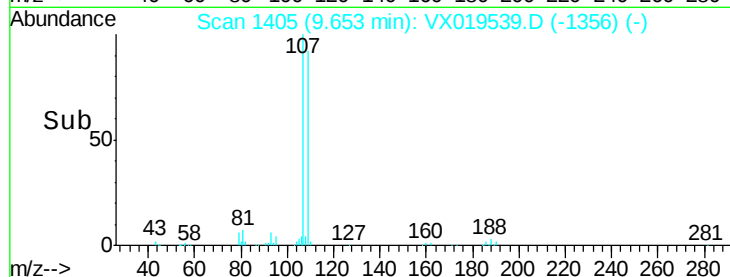
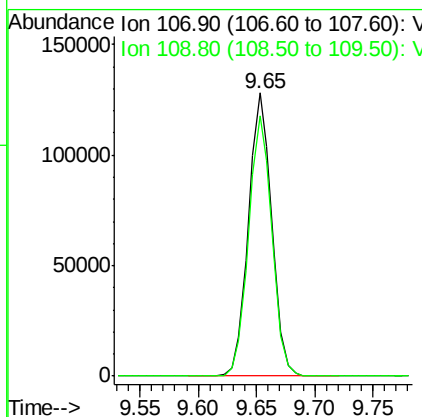
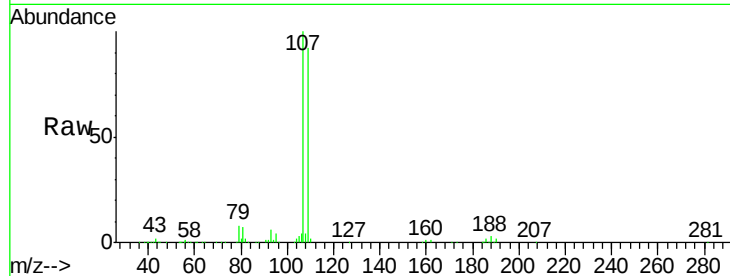
#61
 1,2-Dibromoethane
 Concen: 49.900 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.5	74.8	112.2

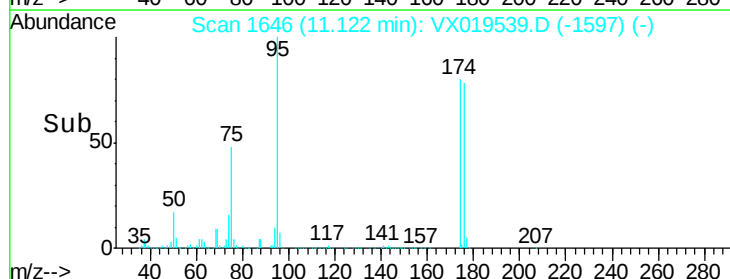
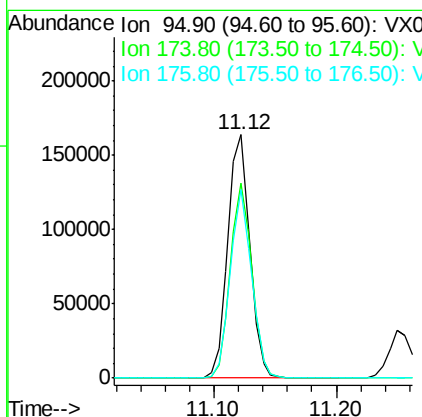
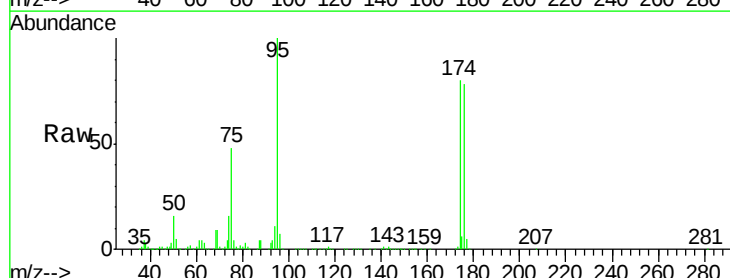
Manual Integrations
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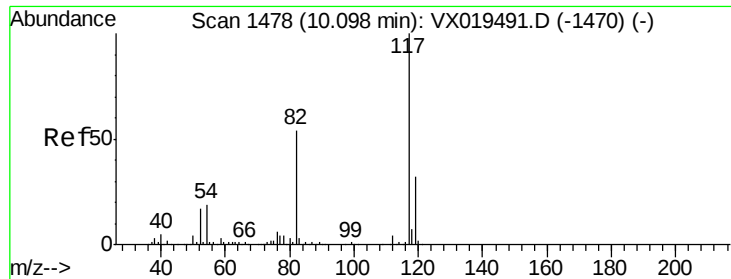
MMDadoda
 11/23/2020 9:35:11 AM



#62
 4-Bromofluorobenzene
 Concen: 47.878 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	156.2
176	74.7	0.0	151.4





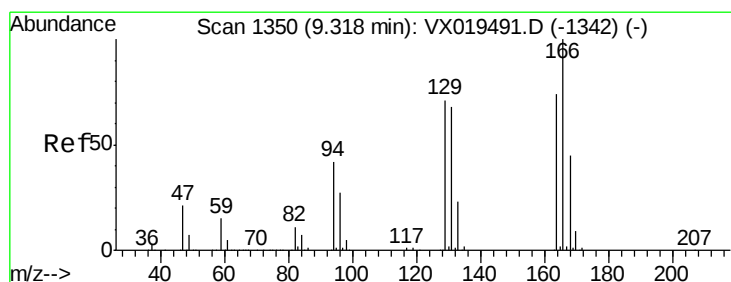
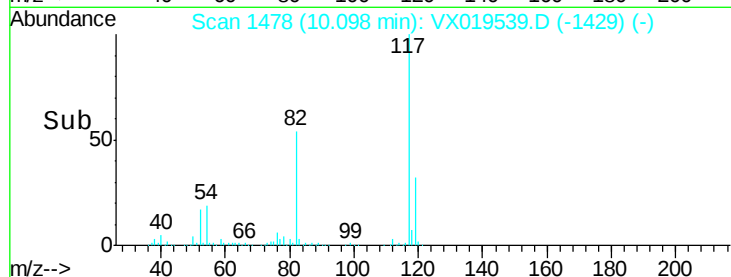
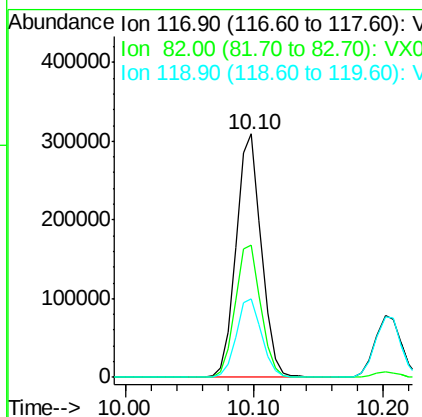
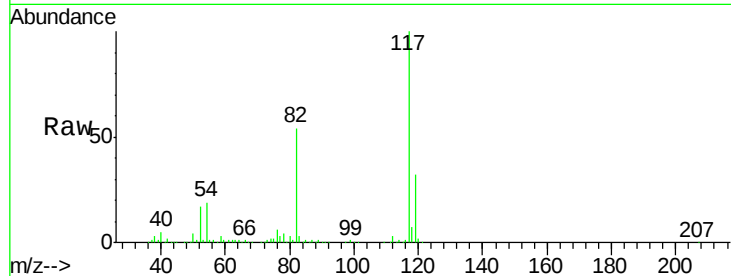
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	418691		
82	54.1	43.0	64.4	
119	32.2	25.6	38.4	

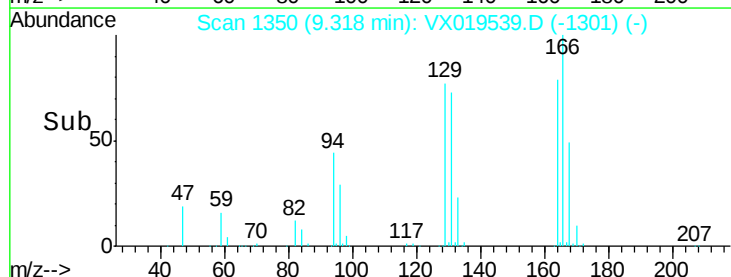
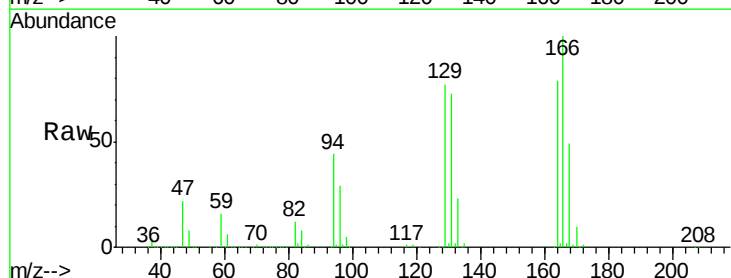
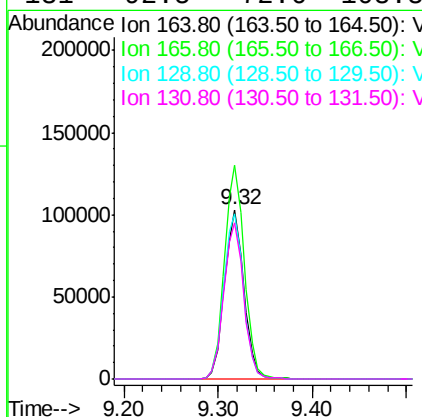
Manual Integrations
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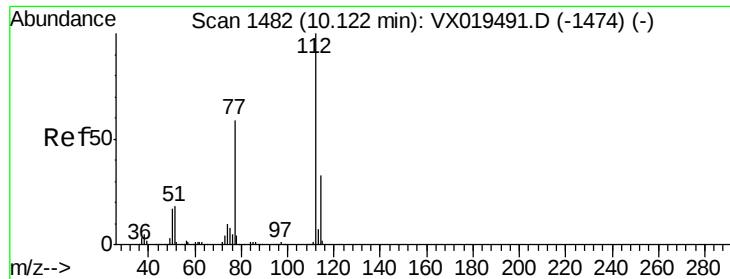
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#64
Tetrachloroethene
Concen: 44.944 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	147917		
166	126.0	107.4	161.0	
129	97.1	76.6	114.8	
131	92.5	72.6	108.8	





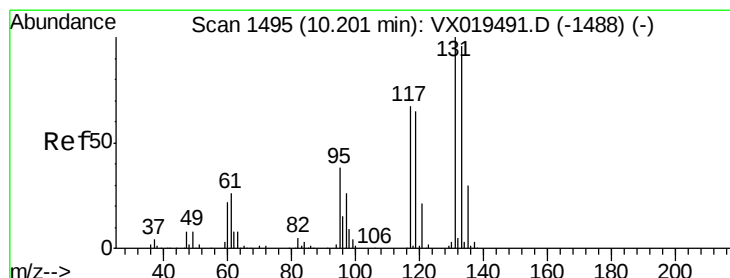
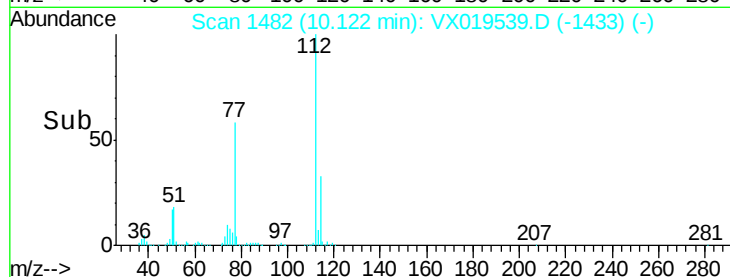
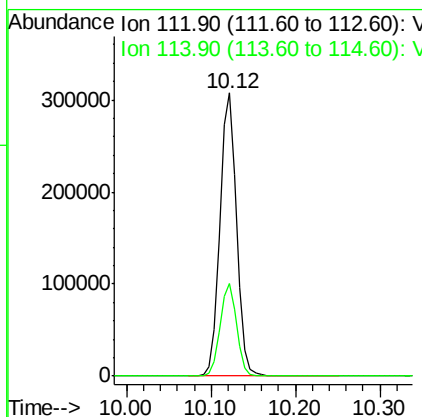
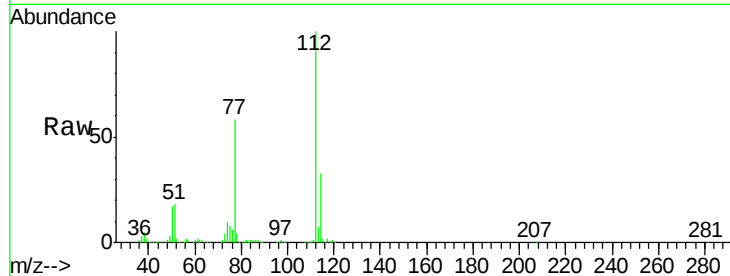
#65
Chlorobenzene
Concen: 48.829 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 420339
Ion Ratio Lower Upper
112 100
114 32.9 26.0 39.0

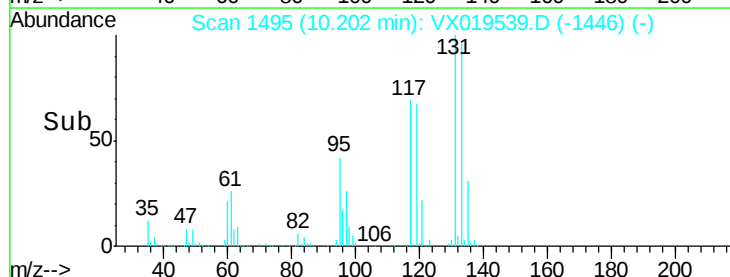
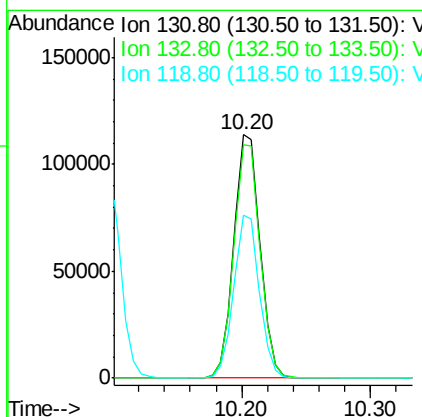
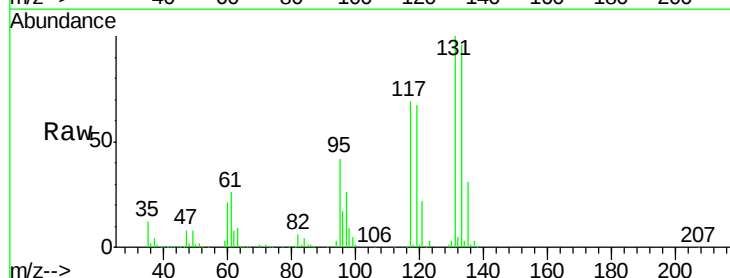
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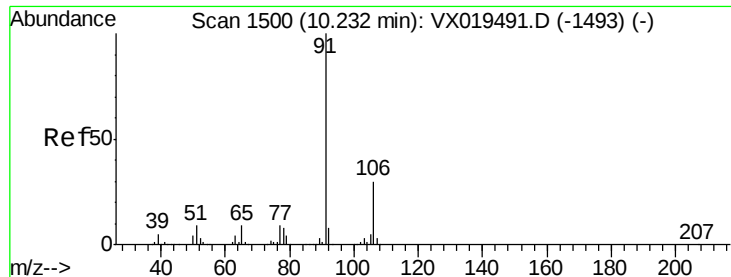
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.616 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion:131 Resp: 161620
Ion Ratio Lower Upper
131 100
133 96.6 48.5 145.5
119 65.9 33.0 99.0





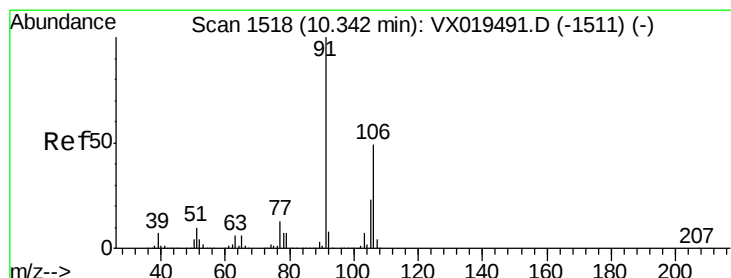
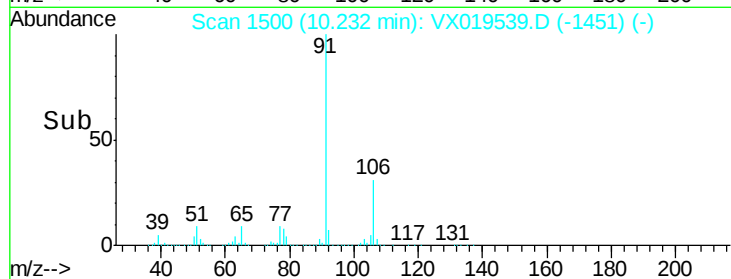
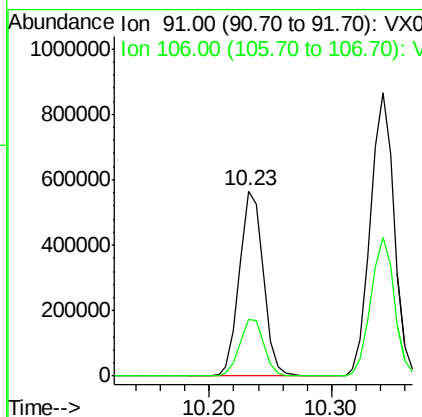
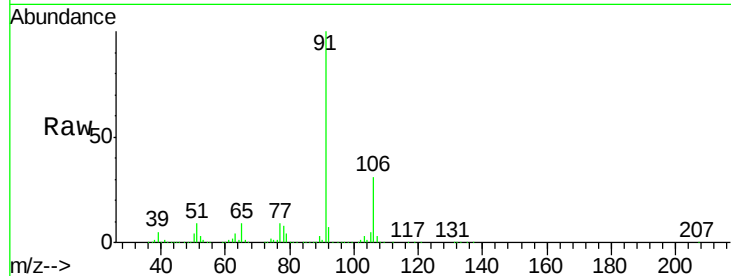
#67
Ethyl Benzene
Concen: 50.568 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.0	36.0

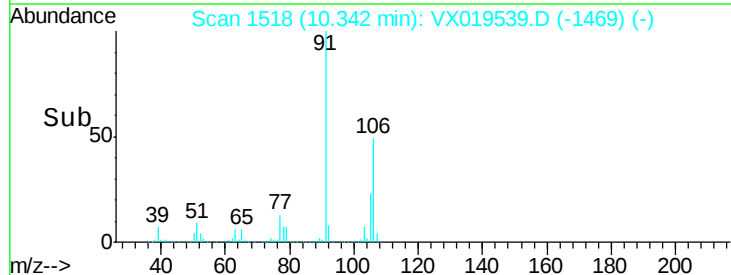
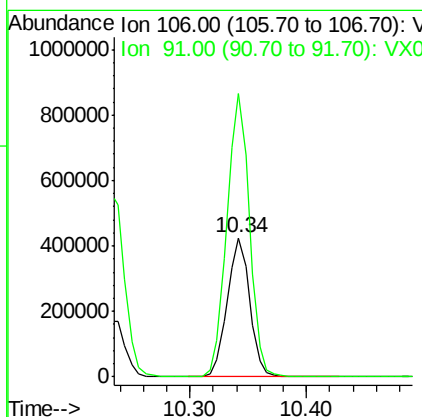
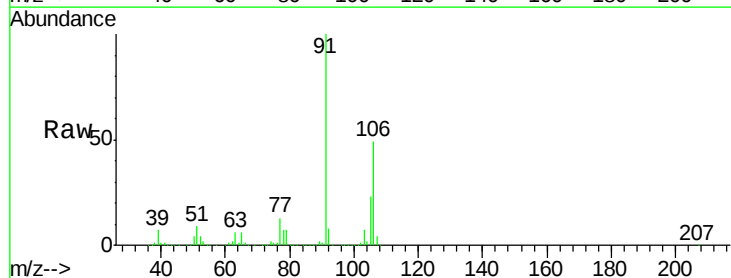
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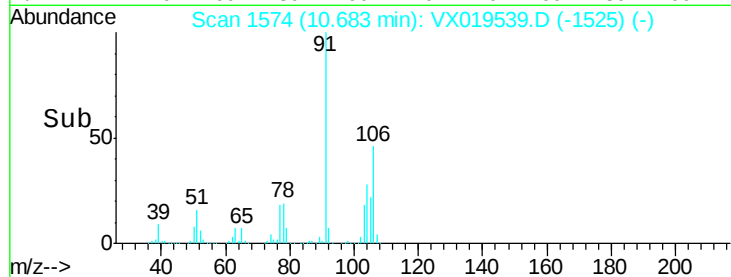
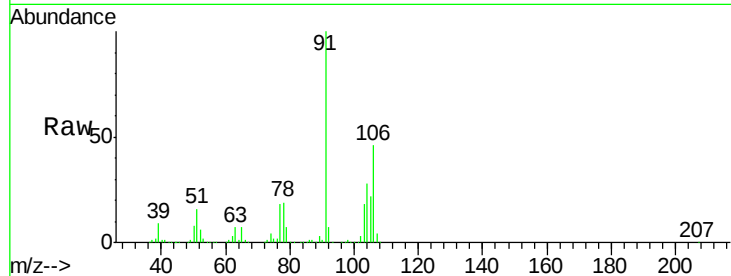
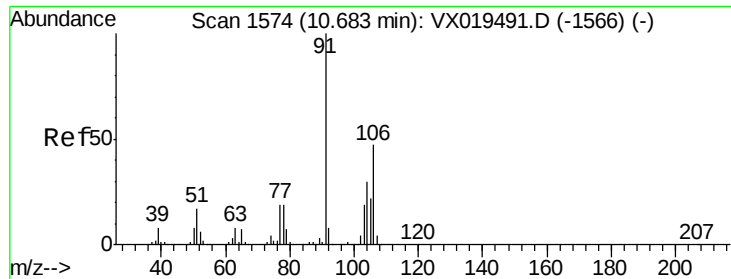
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#68
m/p-Xylenes
Concen: 101.430 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Lower	Upper
106	100		
91	204.7	163.3	244.9





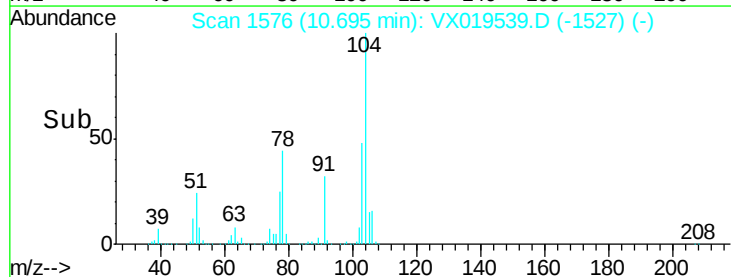
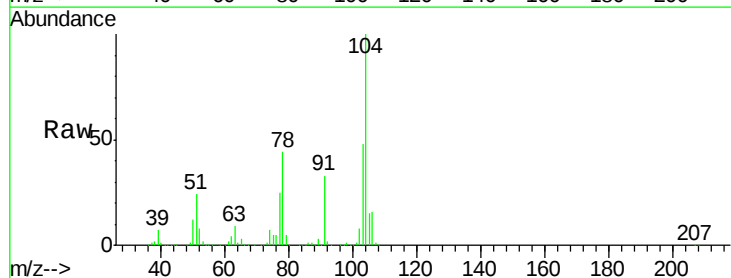
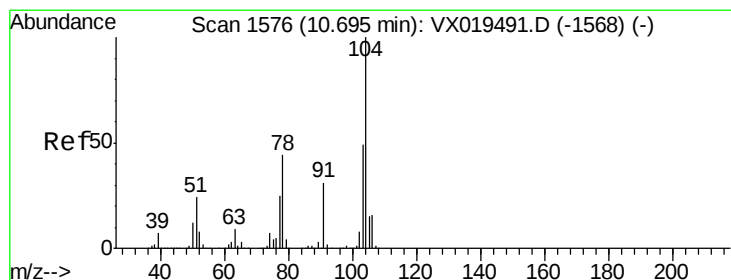
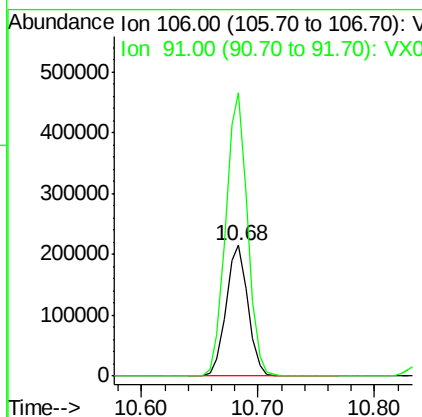
#69
o-Xylene
Concen: 52.062 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tot Ion:106 Resp: 279615
Ion Ratio Lower Upper
106 100
91 215.1 108.0 324.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

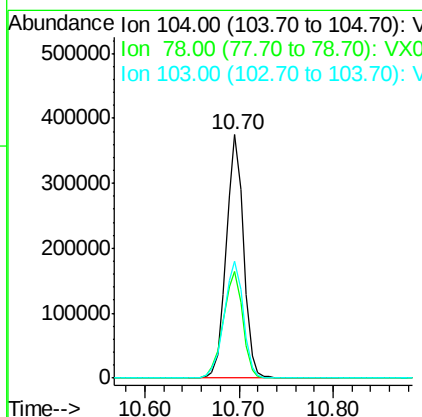
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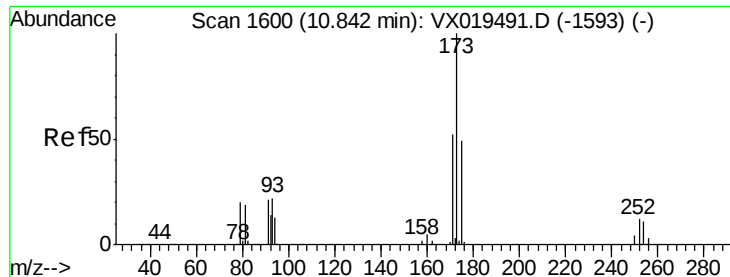
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#70
Styrene
Concen: 48.025 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion:104 Resp: 476788
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 53.7 43.6 65.4





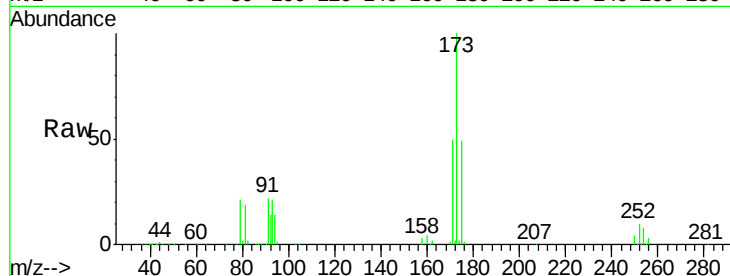
#71
Bromoform
Concen: 46.812 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.9	74.8
254	0.1	0.1	0.1#

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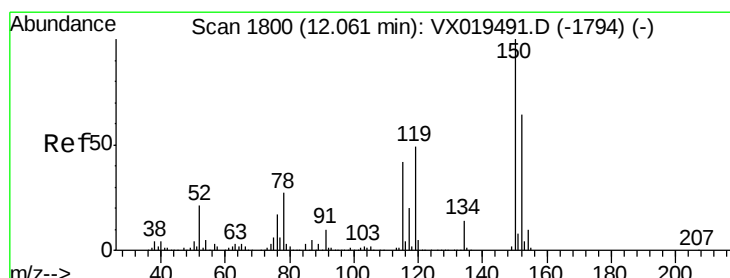
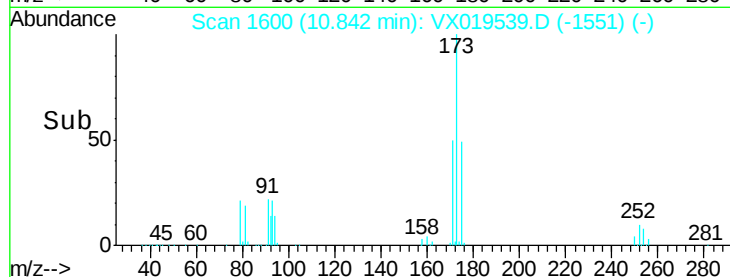
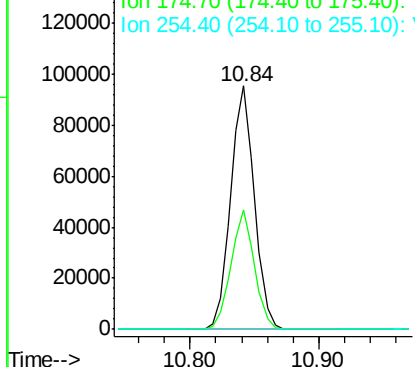


Abundance

Ion 172.70 (172.40 to 173.40): V

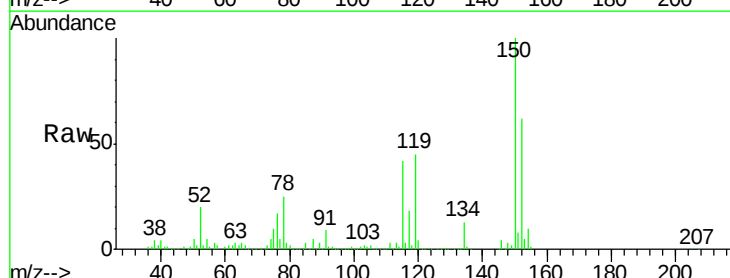
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.5	41.8	125.4
150	175.1	0.0	348.2

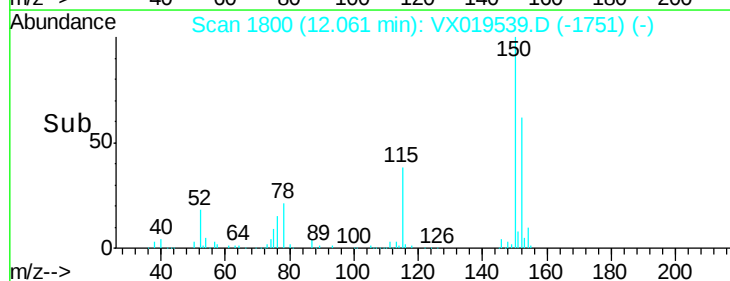
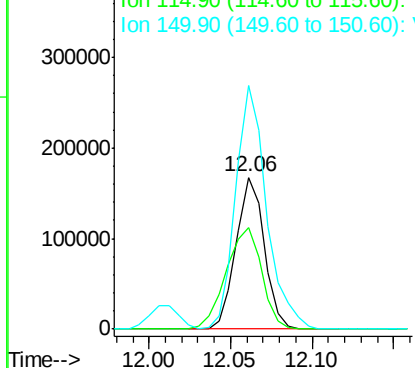


Abundance

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: 52.057 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 729687

Ion Ratio Lower Upper

105 100

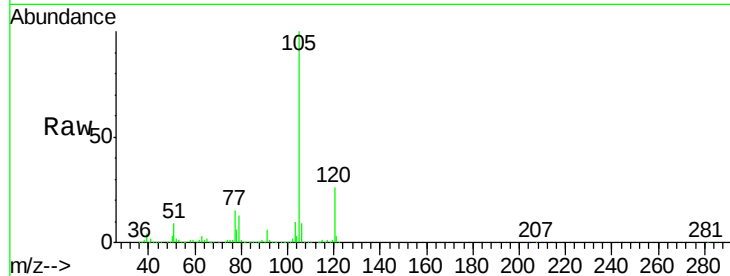
120 26.4 13.0 39.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

200000

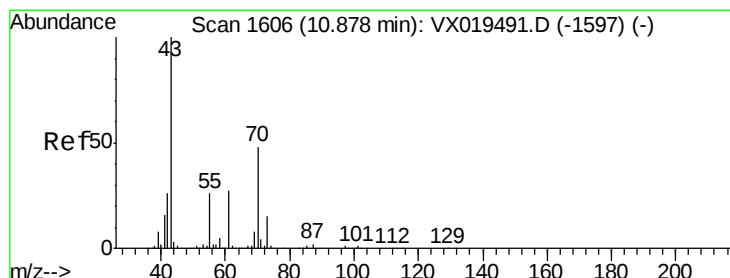
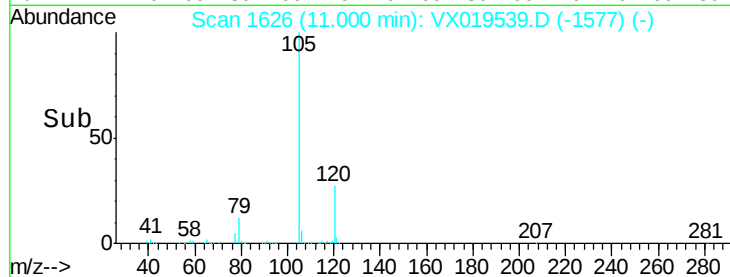
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 57.329 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Tgt Ion: 43 Resp: 301112

Ion Ratio Lower Upper

43 100

70 49.9 39.7 59.5

55 26.1 21.8 32.6

61 28.2 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

300000

200000

100000

0

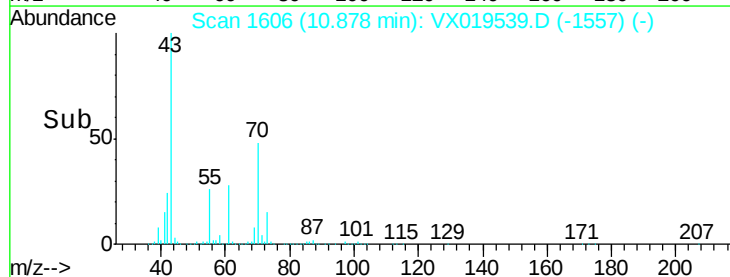
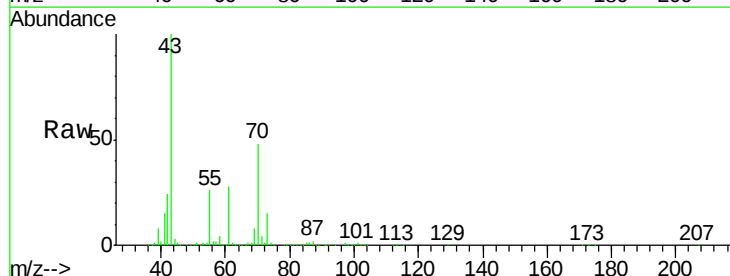
10.88

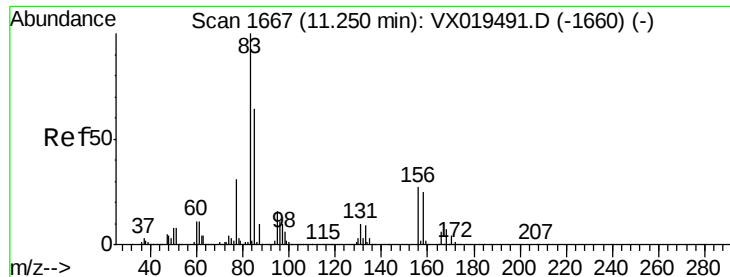
10.80

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.802 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 259662

Ion Ratio Lower Upper

83 100

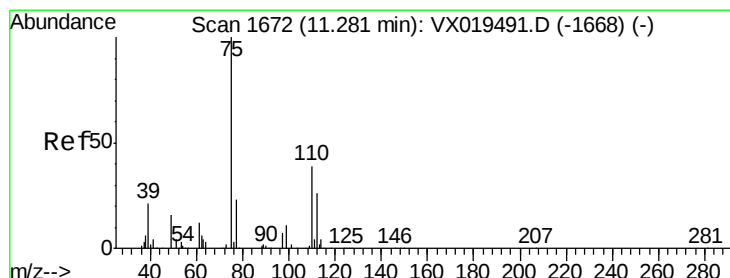
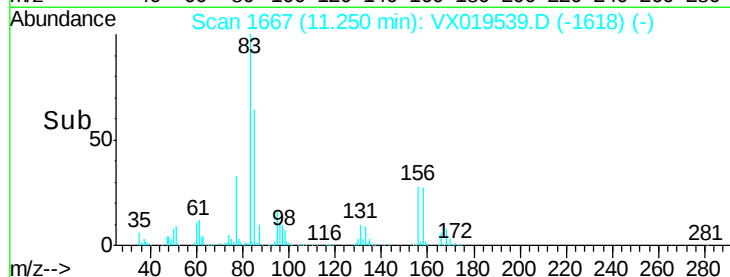
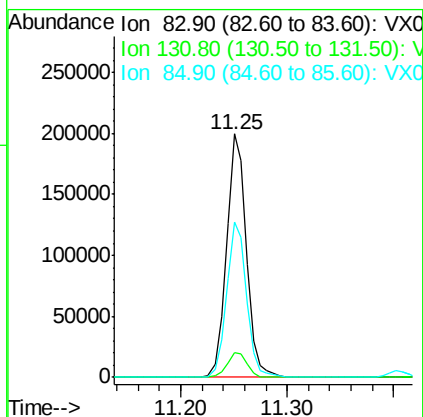
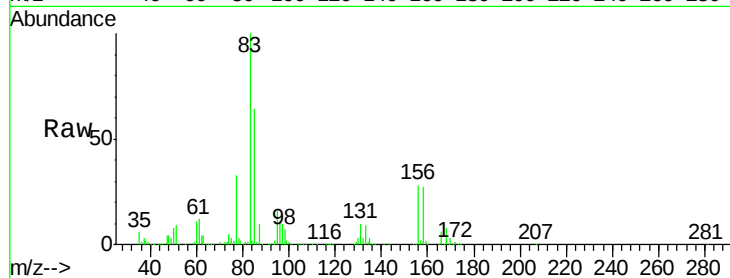
131 10.3 5.0 15.0

85 64.3 32.4 97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.976 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019539.D

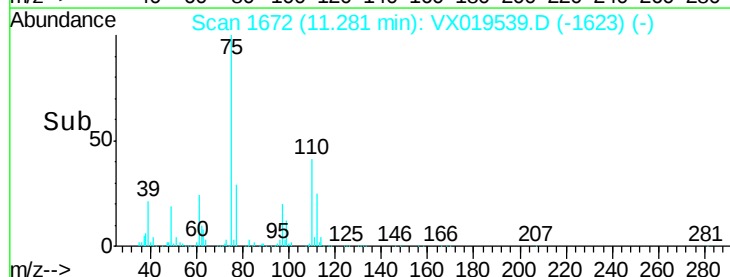
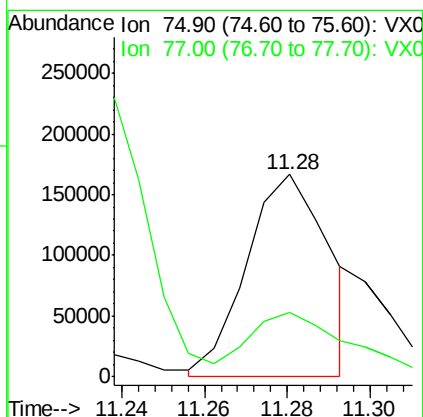
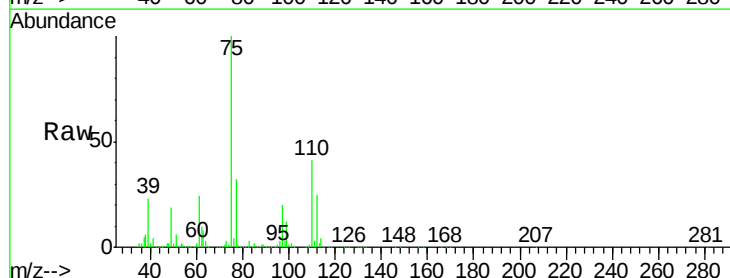
Acq: 21 Nov 2020 10:10

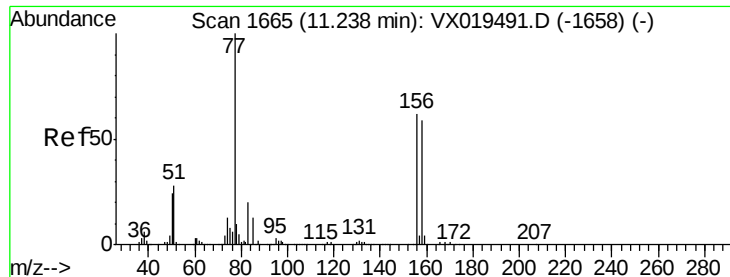
Tgt Ion: 75 Resp: 229834

Ion Ratio Lower Upper

75 100

77 39.3 20.0 60.0





#77

Bromobenzene

Concen: 51.622 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

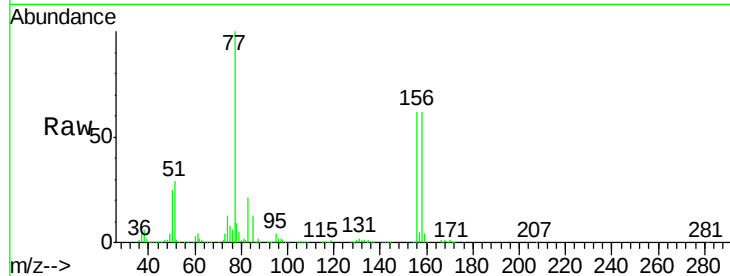
ClientSampleId :

VSTDCCC050EC

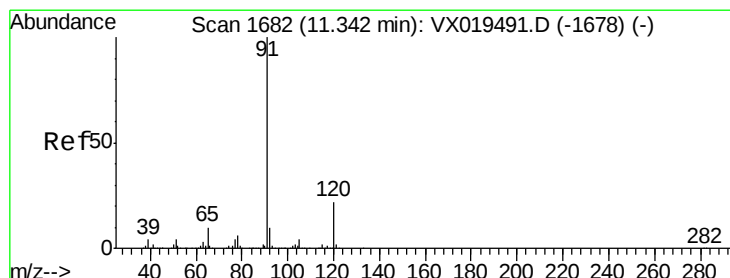
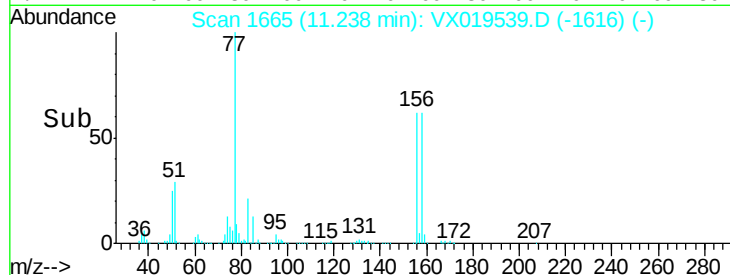
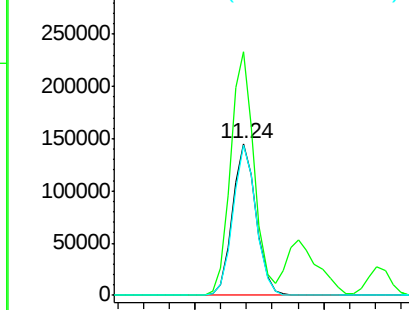
Tot Ion:	156	Resp:	184717
Ion Ratio	Lower	Upper	
156	100		
77	162.1	82.5	247.3
158	97.5	48.9	146.7

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.630 ug/l

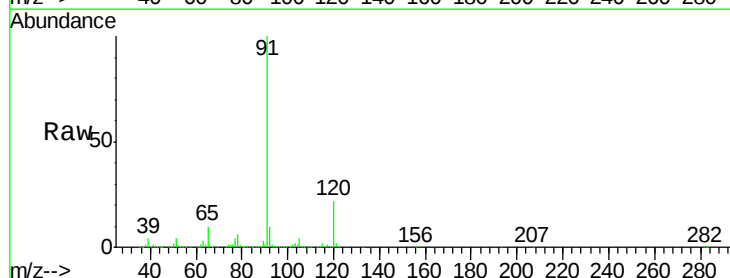
RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

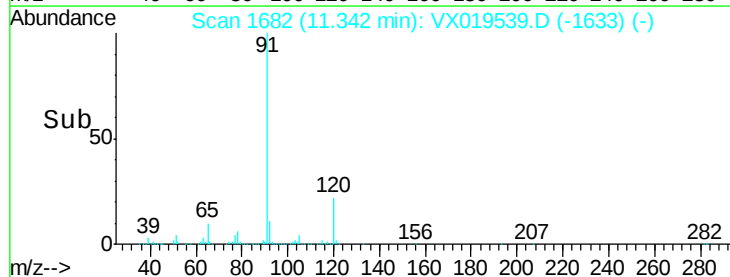
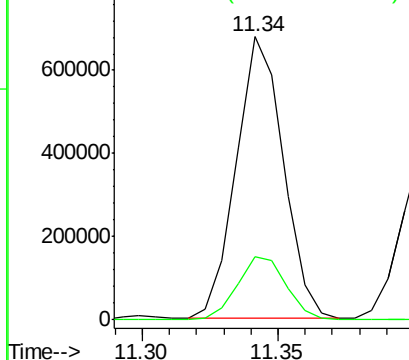
Lab File: VX019539.D

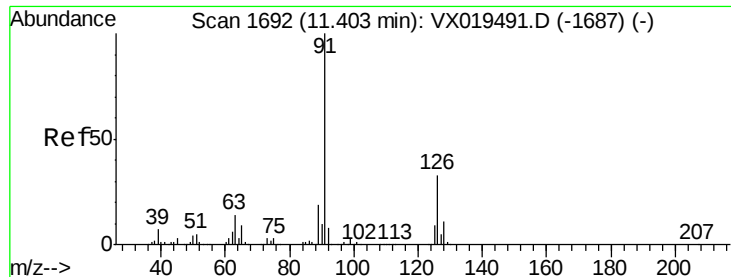
Acq: 21 Nov 2020 10:10

Tgt Ion:	91	Resp:	814136
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.581 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 503022

Ion Ratio Lower Upper

91 100

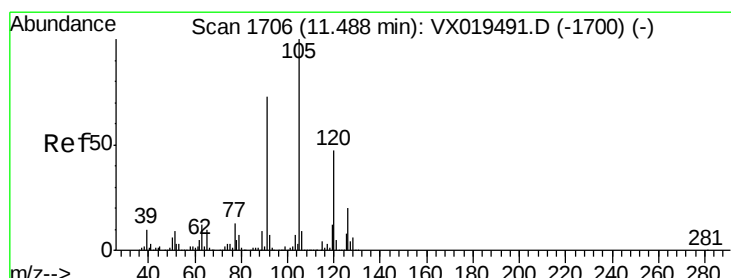
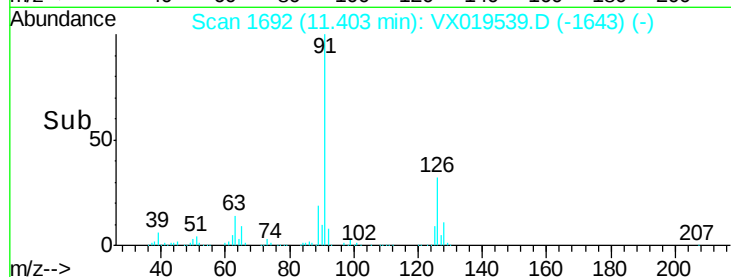
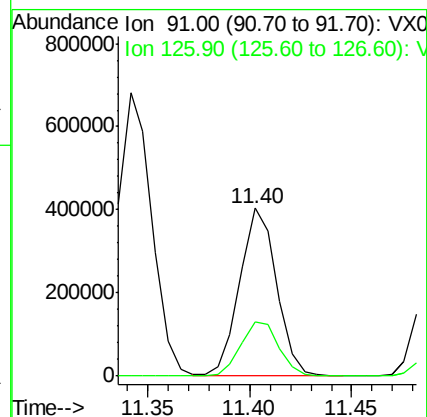
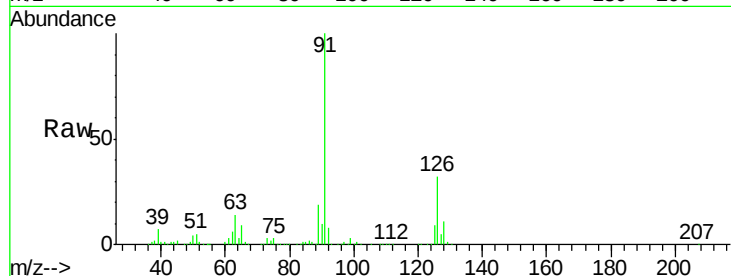
126 33.8 16.7 50.0

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#80

1,3,5-Trimethylbenzene

Concen: 52.438 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019539.D

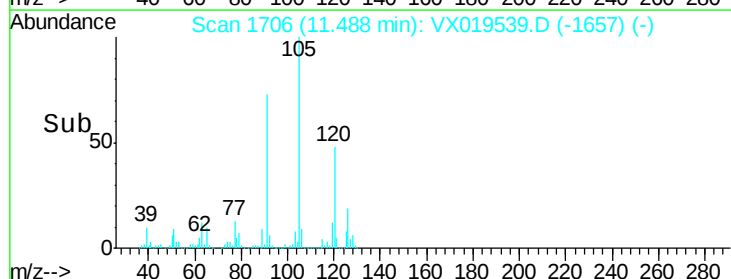
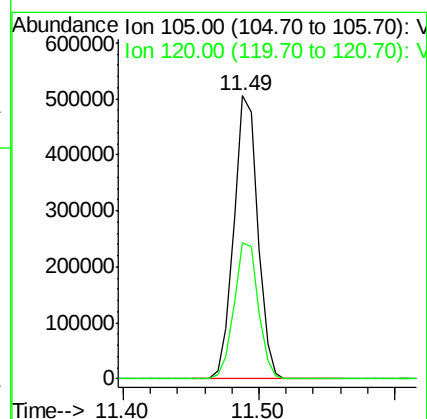
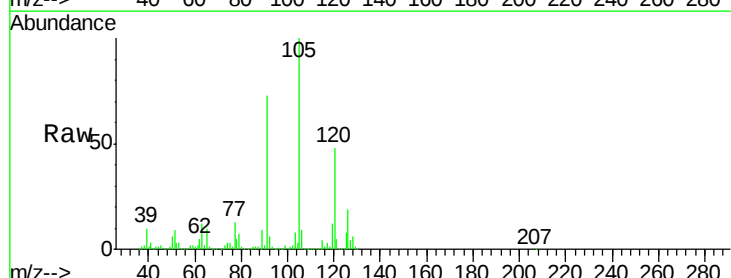
Acq: 21 Nov 2020 10:10

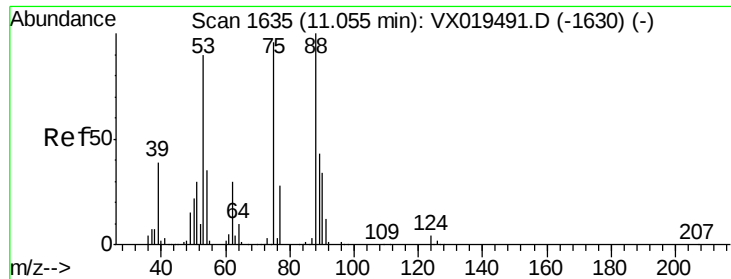
Tgt Ion: 105 Resp: 616588

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 44.663 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

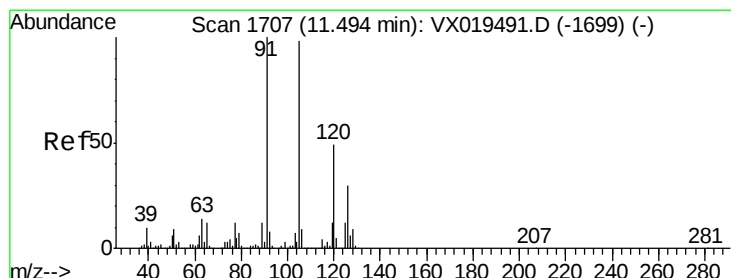
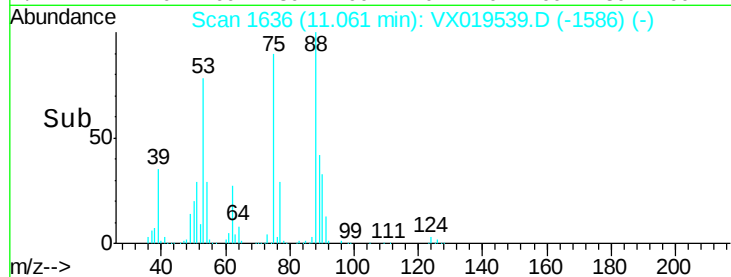
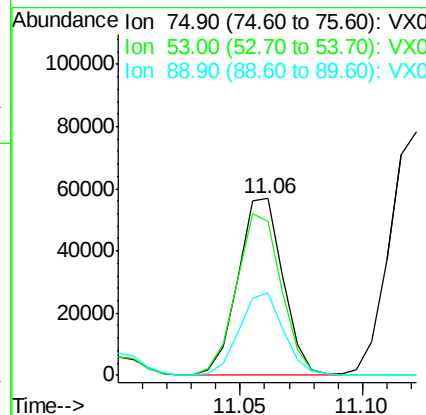
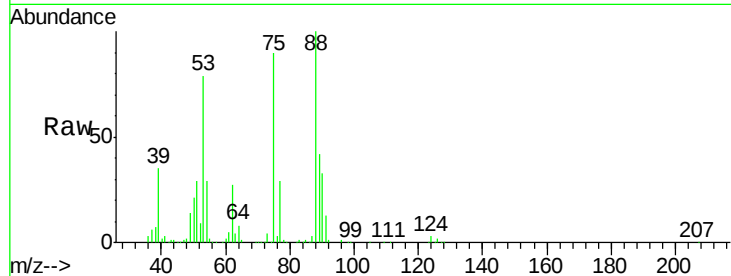
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	72314
Ion	Ratio	Lower	Upper
75	100		
53	91.8	73.9	110.9
89	46.4	37.3	55.9

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#82

4-Chlorotoluene

Concen: 51.115 ug/l

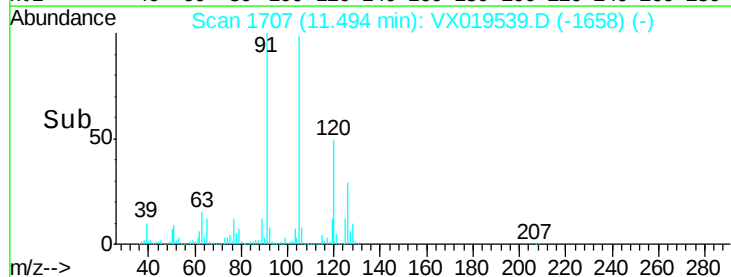
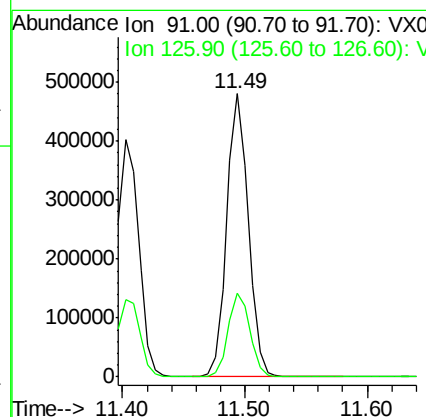
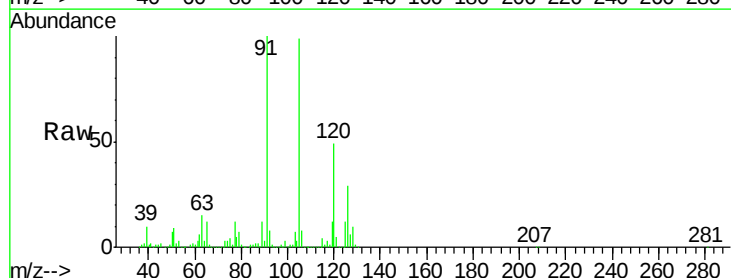
RT: 11.49 min Scan# 1707

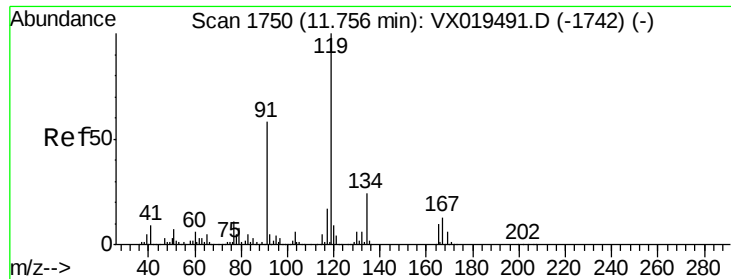
Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Tgt Ion:	91	Resp:	586808
Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.9	44.7





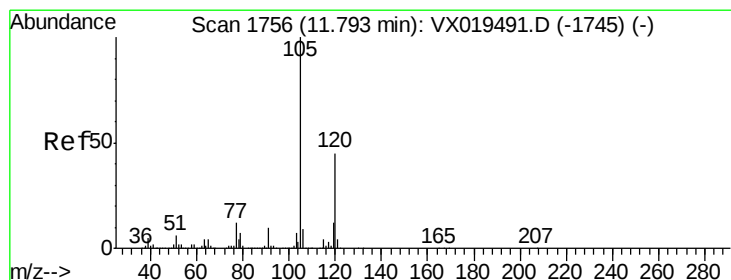
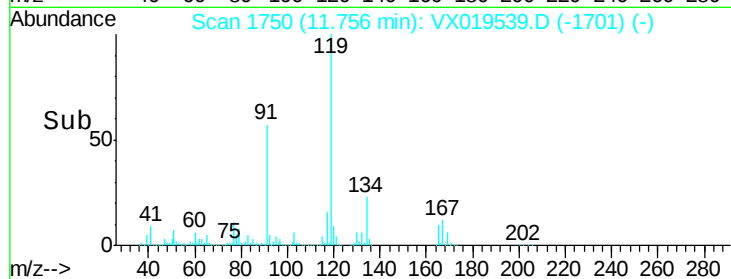
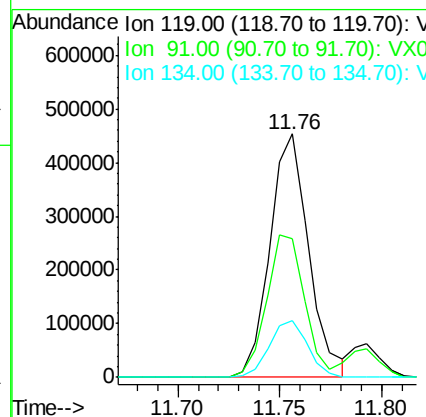
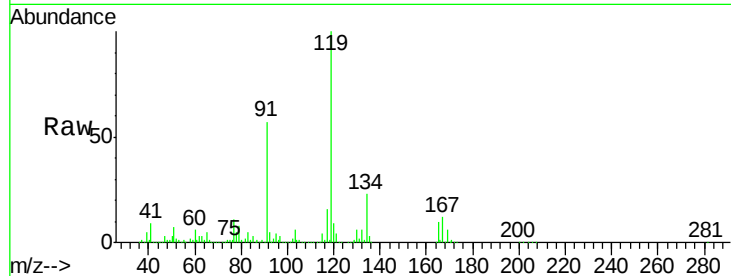
#83
tert-Butylbenzene
Concen: 52.932 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.4	28.9	86.8
134	23.1	11.7	35.0

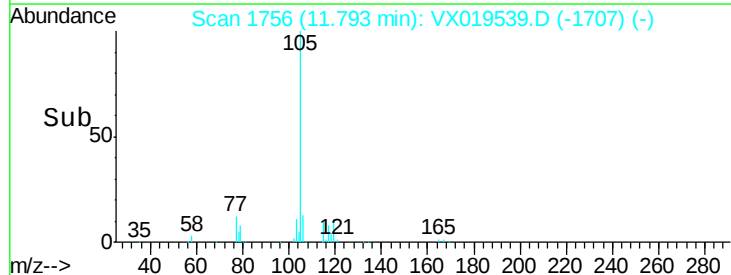
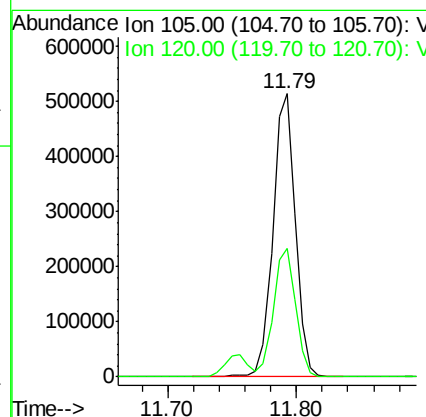
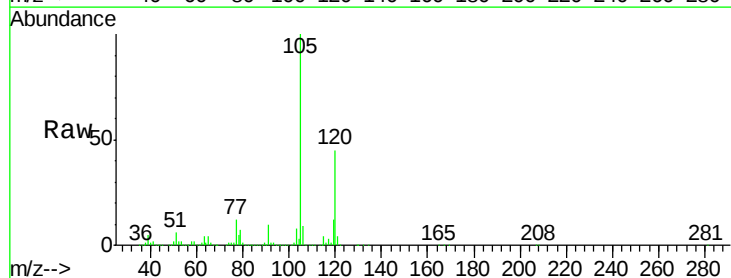
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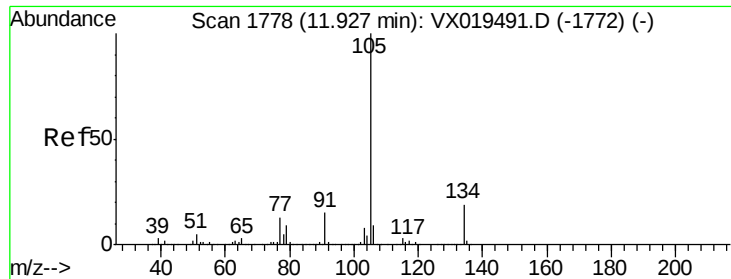
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#84
1,2,4-Trimethylbenzene
Concen: 52.401 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.2	66.6





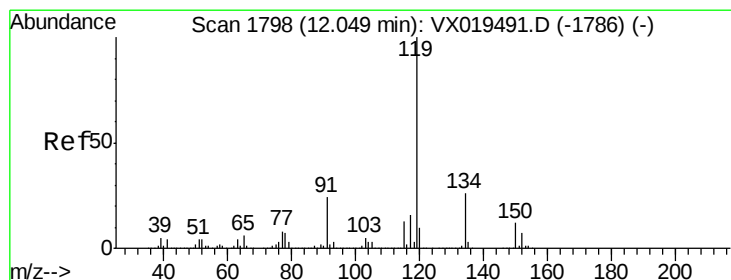
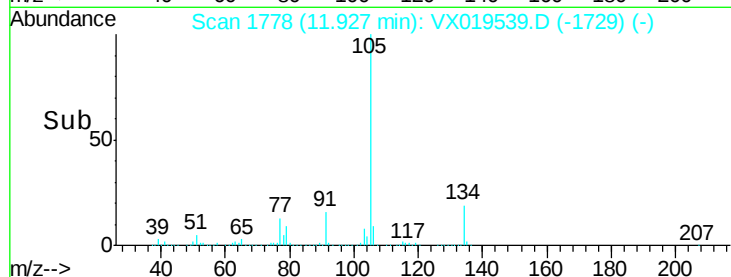
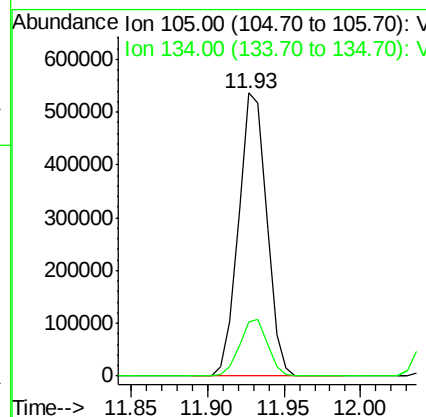
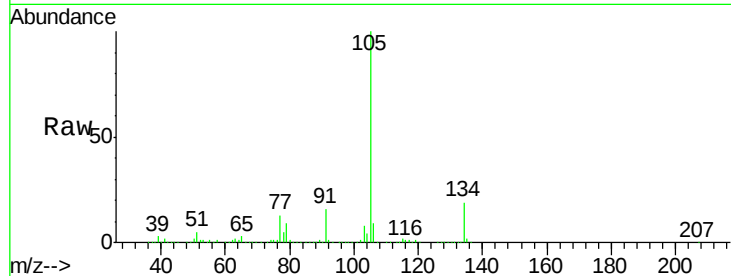
#85
 sec-Butylbenzene
 Concen: 50.476 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.1	30.3

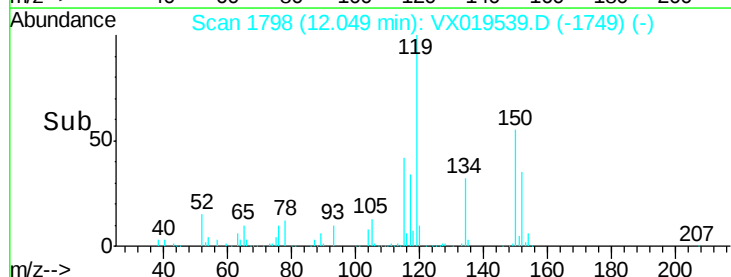
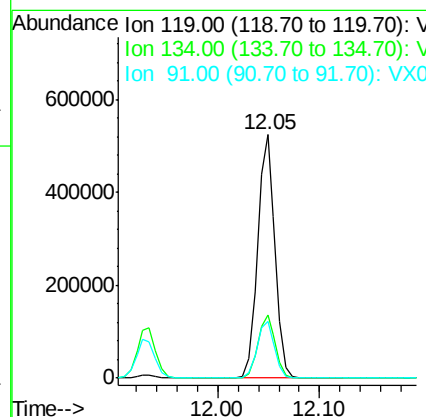
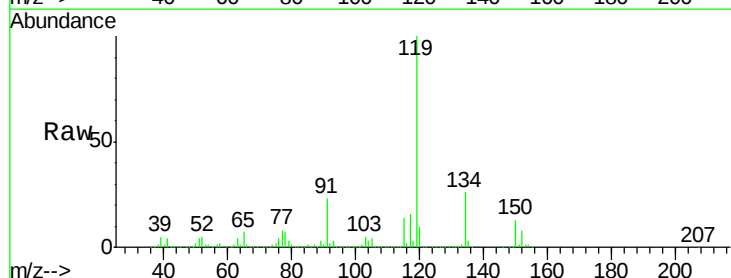
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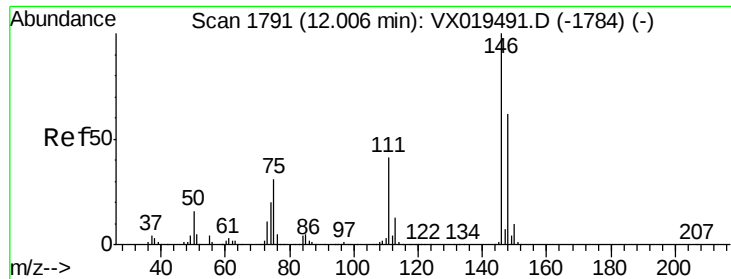
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#86
 p-Isopropyltoluene
 Concen: 50.582 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.3
91	23.5	11.8	35.4





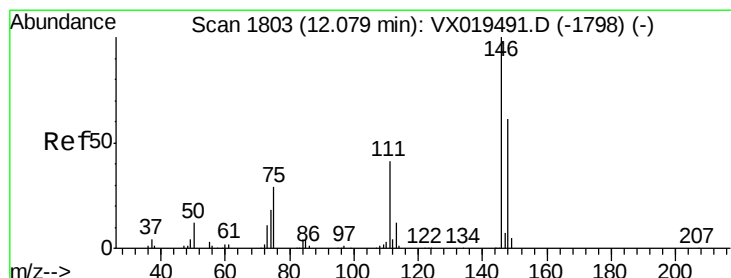
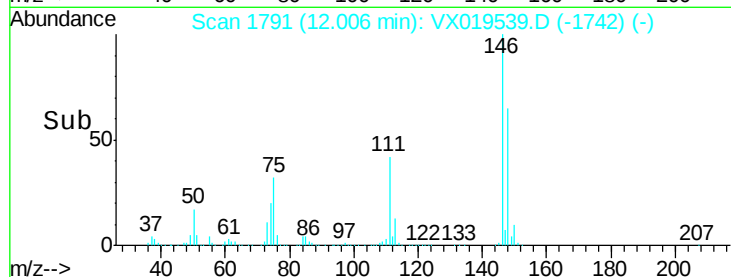
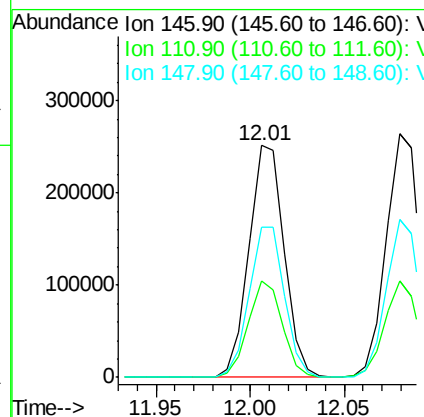
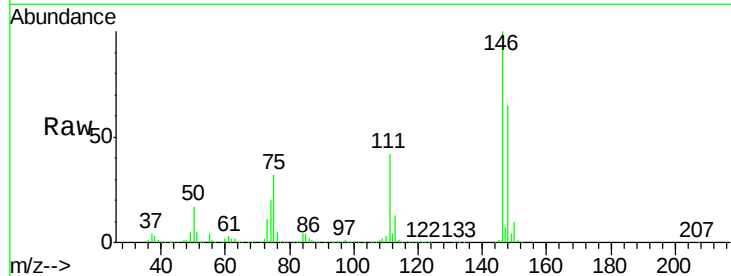
#87
 1,3-Dichlorobenzene
 Concen: 49.628 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.6
148	64.9	31.4	94.2

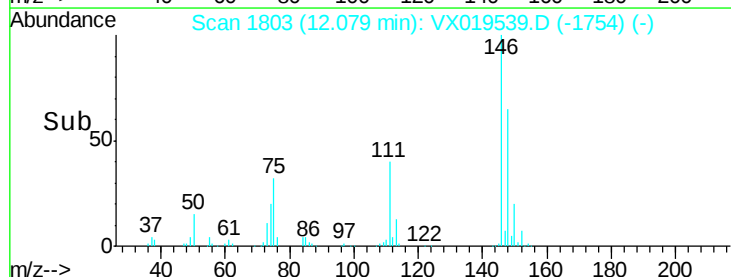
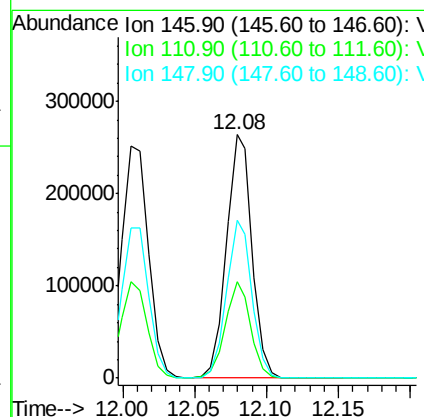
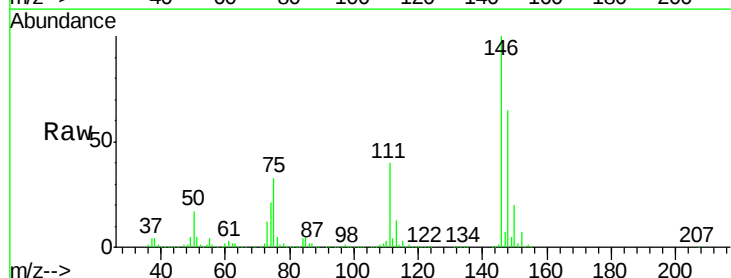
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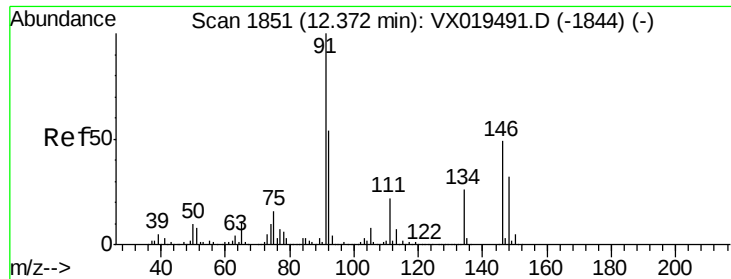
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#88
 1,4-Dichlorobenzene
 Concen: 48.743 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.9	59.6
148	64.5	31.7	95.1





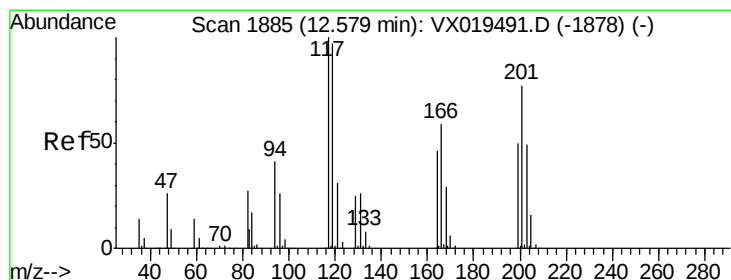
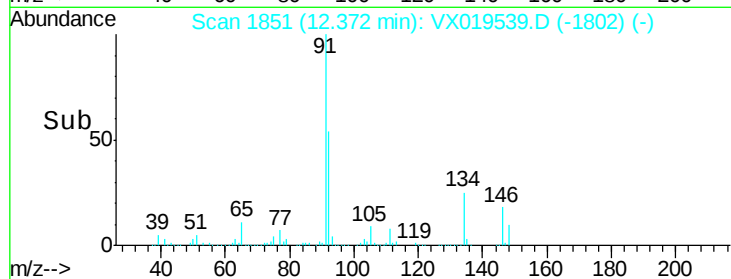
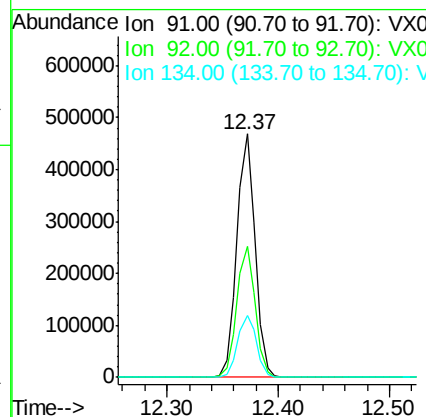
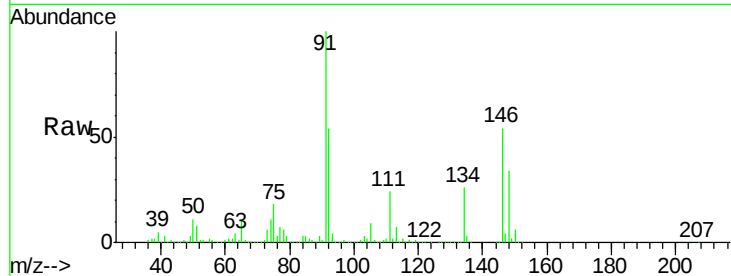
#89
n-Butylbenzene
Concen: 47.592 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.5	26.9	80.6	
134	26.5	12.9	38.6	

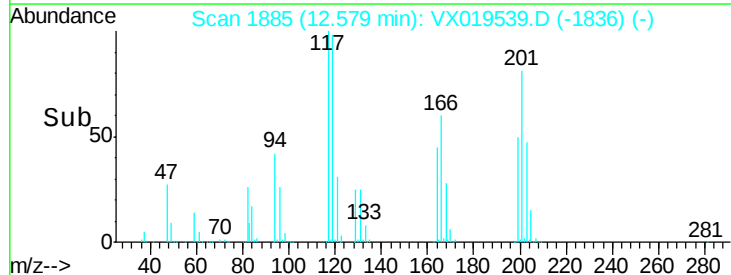
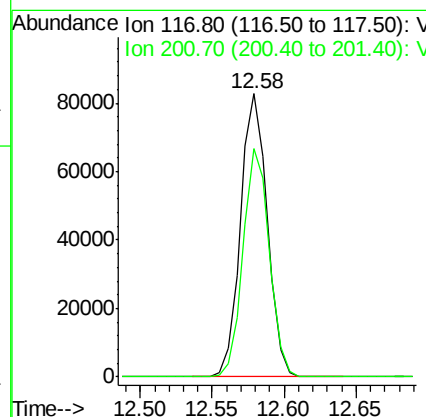
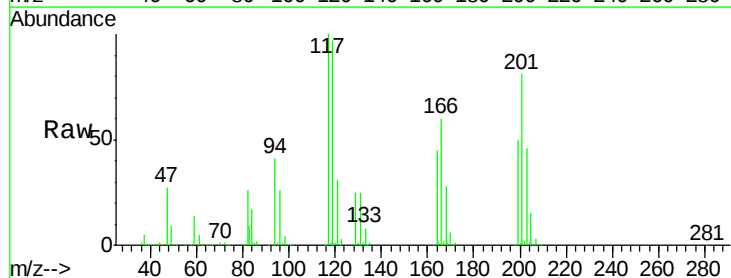
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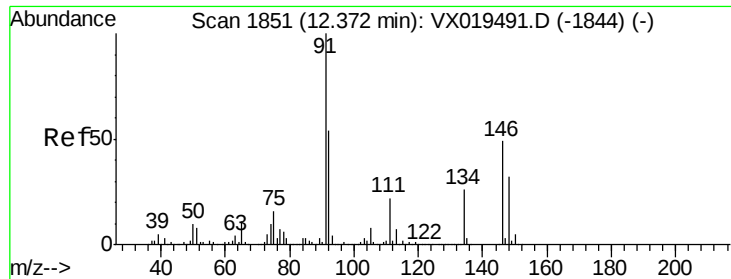
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#90
Hexachloroethane
Concen: 52.093 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	78.6	39.4	118.2	





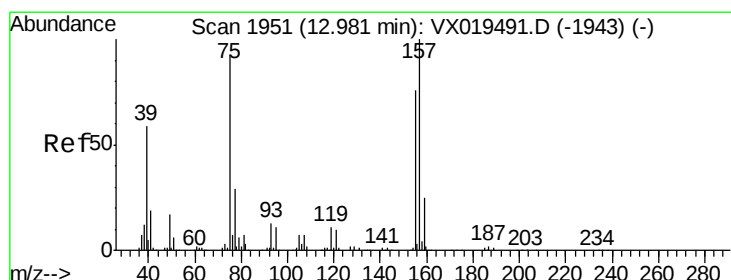
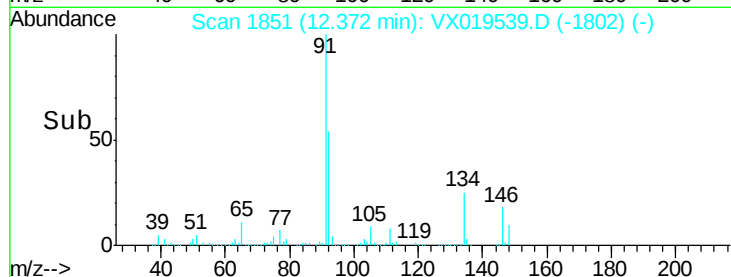
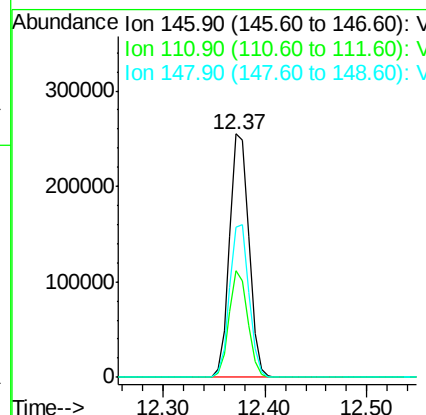
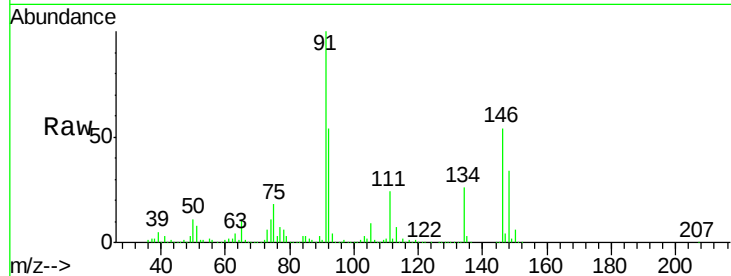
#91
 1,2-Dichlorobenzene
 Concen: 50.757 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.1	63.3
148	62.5	32.4	97.0

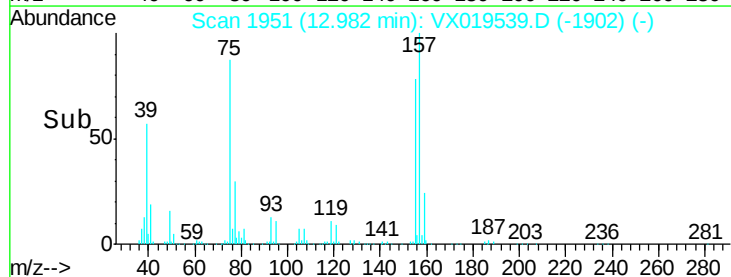
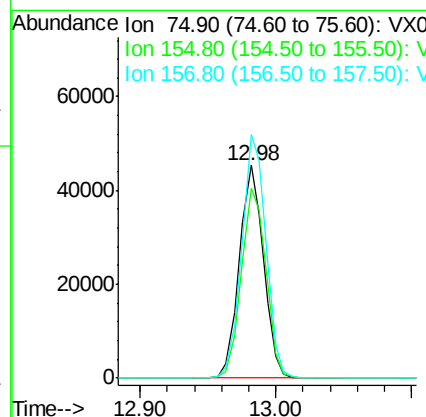
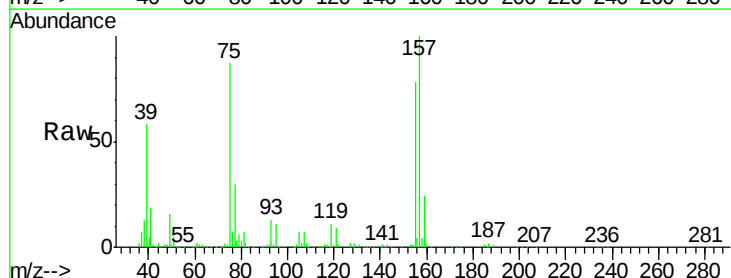
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.732 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.5	43.6	130.9
157	114.3	57.0	170.8





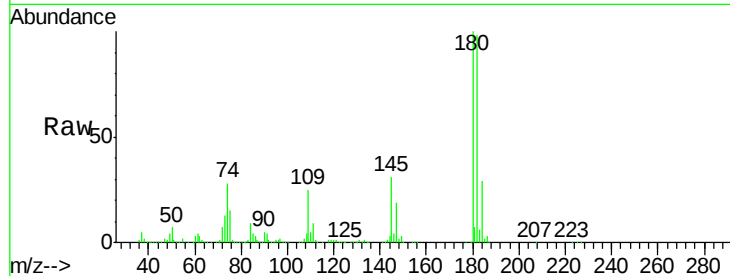
#93
1,2,4-Trichlorobenzene
Concen: 51.170 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

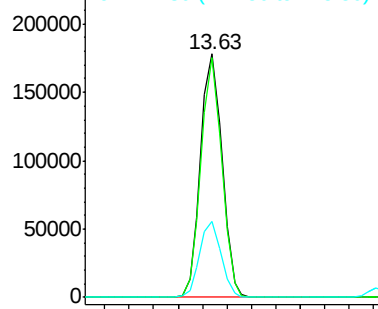
Tot Ion	Ratio	Resp	Lower	Upper
180	100	216832		
182	95.2	48.6	145.9	
145	31.0	15.9	47.7	

Manual Integrations
APPROVED

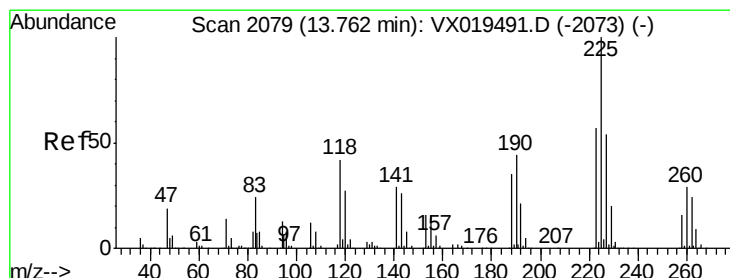
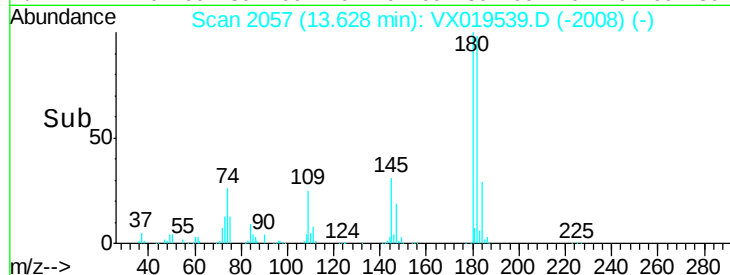
MMDadoda
11/23/2020 9:35:11 AM



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

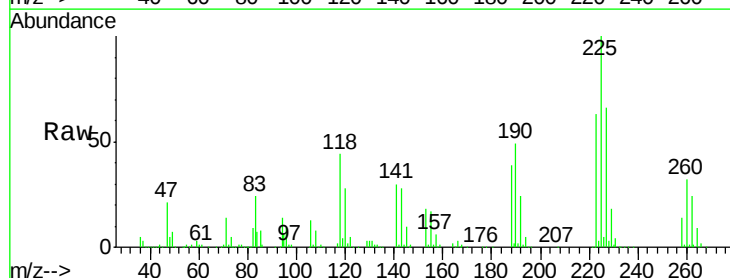


Time-->

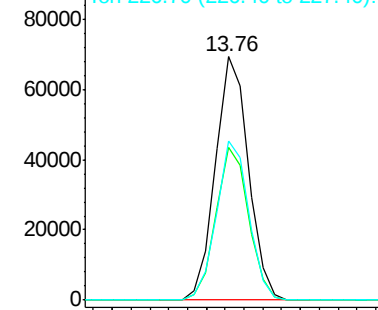


#94
Hexachlorobutadiene
Concen: 43.628 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

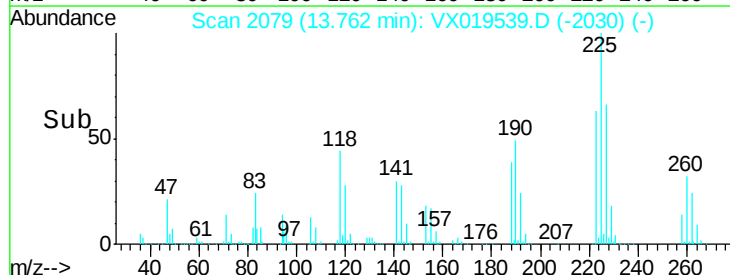
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84216		
223	62.5	32.5	97.5	
227	64.0	32.8	98.3	

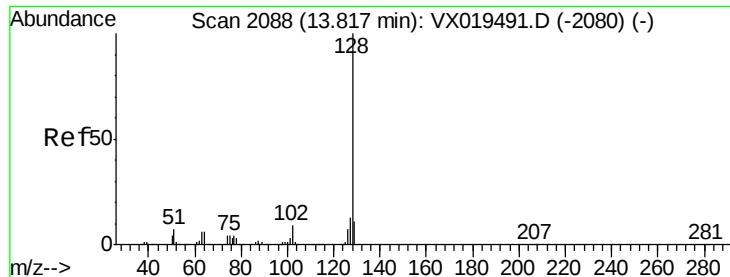


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



Time-->





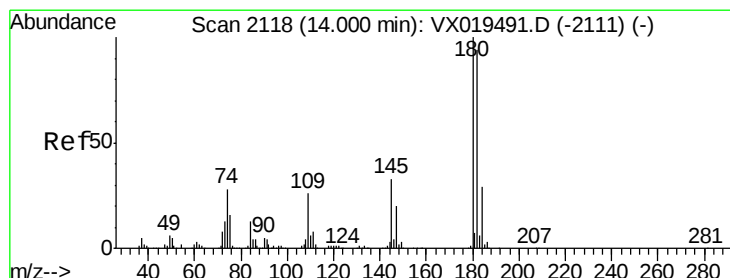
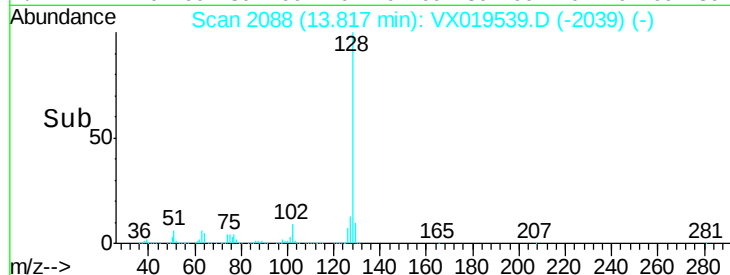
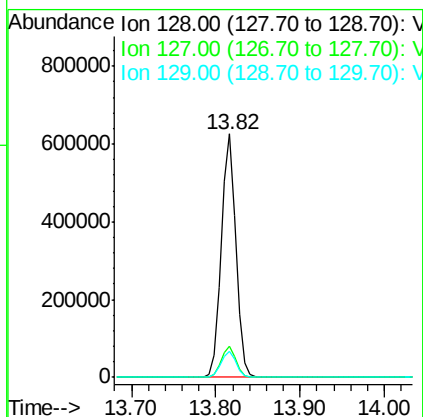
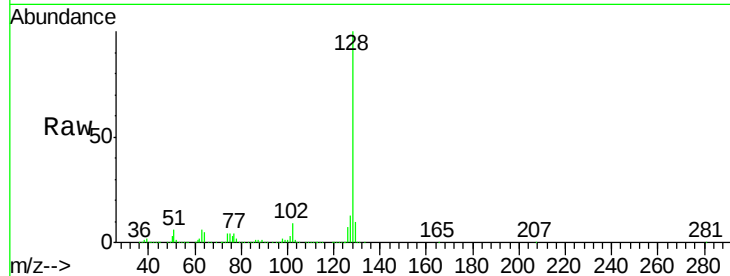
#95
Naphthalene
Concen: 50.481 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/23/2020 9:35:11 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.948 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.1	144.3
145	33.0	16.6	49.8

