

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102720\
 Data File : VX019154.D
 Acq On : 27 Oct 2020 22:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:15:21 PM

Quant Time: Oct 28 03:07:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	266101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457640	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209713	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	175425	51.12	ug/l	0.00
Spiked Amount						
			Recovery	=	102.24%	
35) Dibromofluoromethane	5.46	113	142044	49.41	ug/l	0.00
Spiked Amount						
			Recovery	=	98.82%	
50) Toluene-d8	8.70	98	536800	49.54	ug/l	0.00
Spiked Amount						
			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.12	95	202709	49.40	ug/l	0.00
Spiked Amount						
			Recovery	=	98.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	119830	54.017	ug/l	100
3) Chloromethane	1.31	50	133056	53.687	ug/l	98
4) Vinyl Chloride	1.39	62	161212	56.089	ug/l	99
5) Bromomethane	1.64	94	111148	56.625	ug/l	98
6) Chloroethane	1.71	64	105478	57.477	ug/l	99
7) Trichlorofluoromethane	1.92	101	256678	56.844	ug/l	99
8) Diethyl Ether	2.17	74	101294	58.451	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	135990	54.334	ug/l	99
10) Methyl Iodide	2.49	142	138274	47.213	ug/l	99
11) Tert butyl alcohol	3.03	59	186995	275.881	ug/l	99
12) 1,1-Dichloroethene	2.35	96	139470	54.077	ug/l	99
13) Acrolein	2.28	56	56500	187.874	ug/l	100
14) Allyl chloride	2.71	41	217767	55.746	ug/l	99
15) Acrylonitrile	3.12	53	410544	288.238	ug/l	100
16) Acetone	2.42	43	330821	279.438	ug/l	99
17) Carbon Disulfide	2.55	76	387154	52.622	ug/l	100
18) Methyl Acetate	2.75	43	165125	57.358	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	512872	57.392	ug/l	99
20) Methylene Chloride	2.84	84	162840	54.788	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	161159	54.294	ug/l	99
22) Diisopropyl ether	3.82	45	457193	58.706	ug/l	99
23) Vinyl Acetate	3.78	43	2051058	295.331	ug/l	100
24) 1,1-Dichloroethane	3.67	63	280075	57.599	ug/l	100
25) 2-Butanone	4.63	43	542617	290.823	ug/l	99
26) 2,2-Dichloropropane	4.55	77	227598	49.790	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	185747	56.000	ug/l	99
28) Bromochloromethane	4.98	49	116951	52.906	ug/l	98
29) Tetrahydrofuran	5.09	42	351184	298.673	ug/l	100
30) Chloroform	5.18	83	298512	57.676	ug/l	99
31) Cyclohexane	5.55	56	239996	55.325	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	270139	57.569	ug/l	99
36) 1,1-Dichloropropene	5.77	75	221505	52.415	ug/l	99
37) Ethyl Acetate	4.79	43	217988	55.557	ug/l	99
38) Carbon Tetrachloride	5.76	117	230732	53.565	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	259998	51.454	ug/l	99
40) Benzene	6.11	78	655416	54.700	ug/l	98
41) Methacrylonitrile	5.00	41	116982	55.362	ug/l	99
42) 1,2-Dichloroethane	6.16	62	241375	54.660	ug/l	100
43) Isopropyl Acetate	6.41	43	361693	55.053	ug/l	100
44) Trichloroethene	7.19	130	178952	52.149	ug/l	99
45) 1,2-Dichloropropane	7.49	63	163468	55.700	ug/l	98
46) Dibromomethane	7.63	93	116172	53.531	ug/l	100
47) Bromodichloromethane	7.88	83	239292	55.941	ug/l	99
48) Methyl methacrylate	7.74	41	178599	56.480	ug/l	99
49) 1,4-Dioxane	7.73	88	78497	1116.231	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1089522	288.533	ug/l	100
52) Toluene	8.76	92	419408	54.348	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	261915	53.608	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	277510	54.015	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	168445	55.244	ug/l	98
56) Ethyl methacrylate	9.16	69	262997	57.104	ug/l	99
57) 1,3-Dichloropropane	9.35	76	283085	55.066	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	645932	250.777	ug/l	99
59) 2-Hexanone	9.48	43	814575	283.391	ug/l	100
60) Dibromochloromethane	9.57	129	187326	56.609	ug/l	99
61) 1,2-Dibromoethane	9.65	107	181130	55.551	ug/l	99
64) Tetrachloroethene	9.32	164	161770	50.453	ug/l	99
65) Chlorobenzene	10.12	112	443690	51.583	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	165323	53.389	ug/l	99
67) Ethyl Benzene	10.24	91	799280	52.148	ug/l	98
68) m/p-Xylenes	10.34	106	606531	105.437	ug/l	99
69) o-Xylene	10.68	106	288926	52.953	ug/l	100
70) Styrene	10.69	104	493379	52.996	ug/l	99
71) Bromoform	10.84	173	131958	53.747	ug/l	98
73) Isopropylbenzene	11.00	105	778128	52.418	ug/l	99
74) N-amyl acetate	10.88	43	300936	55.445	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	252790	54.489	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	229791m	53.068	ug/l	
77) Bromobenzene	11.24	156	188638	51.202	ug/l	96
78) n-propylbenzene	11.34	91	875958	51.692	ug/l	99
79) 2-Chlorotoluene	11.40	91	523249	52.448	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	661234	52.727	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	81554	49.590	ug/l	98
82) 4-Chlorotoluene	11.49	91	617652	50.699	ug/l	99
83) tert-Butylbenzene	11.76	119	638678	53.190	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	659480	52.090	ug/l	99
85) sec-Butylbenzene	11.93	105	755374	52.451	ug/l	100
86) p-Isopropyltoluene	12.05	119	685101	51.540	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	342950	49.985	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	345697	48.404	ug/l	99
89) n-Butylbenzene	12.37	91	626833	50.168	ug/l	99
90) Hexachloroethane	12.58	117	120182	53.192	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	339501	51.532	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59491	52.382	ug/l	98

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QLast Update : Tue Oct 27 13:55:07 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	231318	46.744	ug/l	98
94) Hexachlorobutadiene	13.76	225	98578	45.253	ug/l	97
95) Naphthalene	13.82	128	802770	51.507	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	228746	47.648	ug/l	99

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

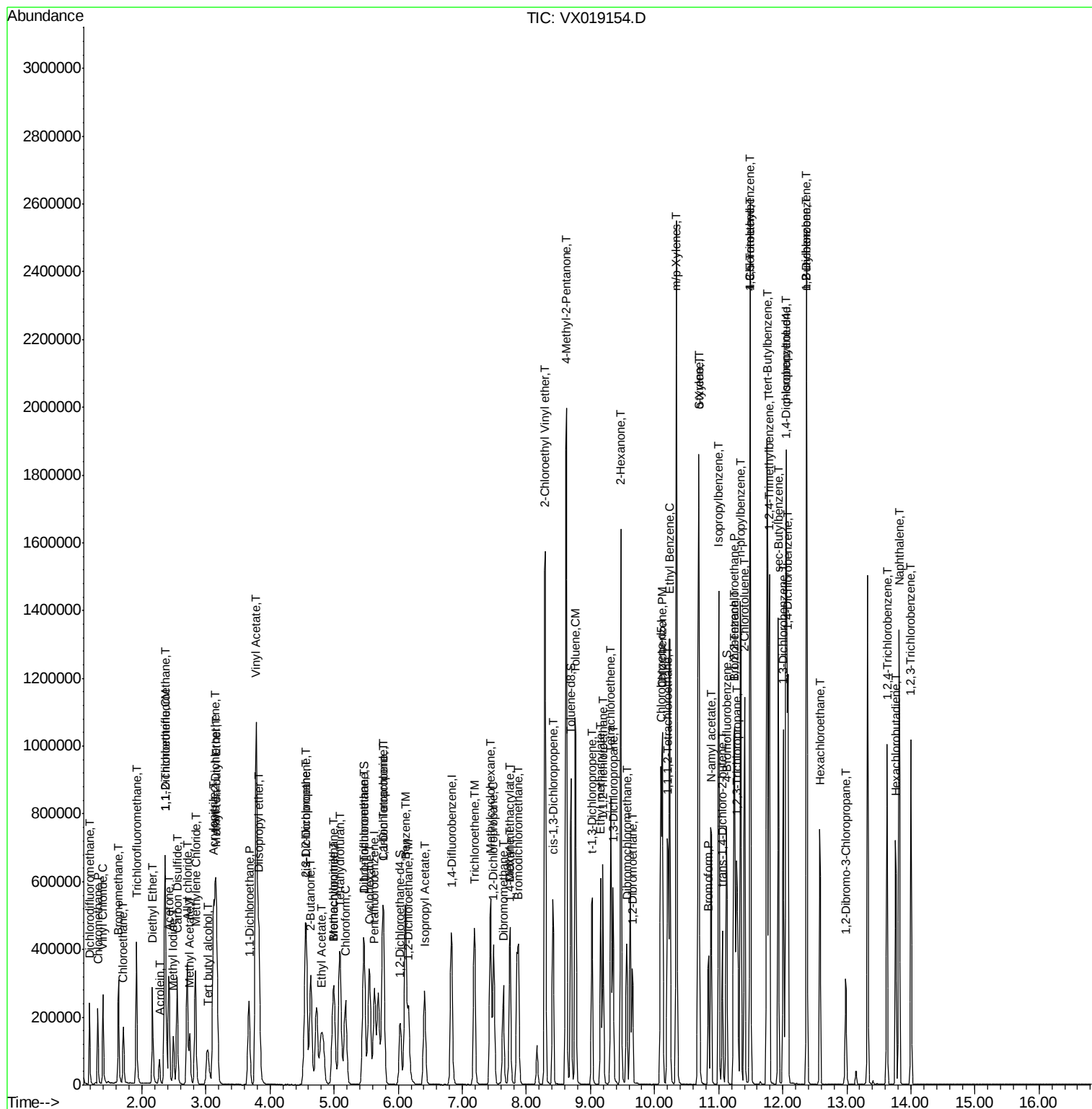
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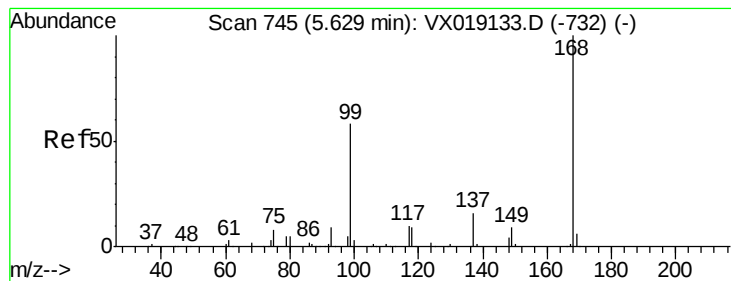
Instrument :
 MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 266101

Ion Ratio Lower Upper

168 100

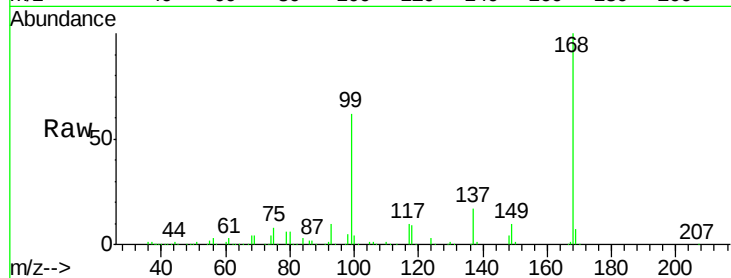
99 61.8 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

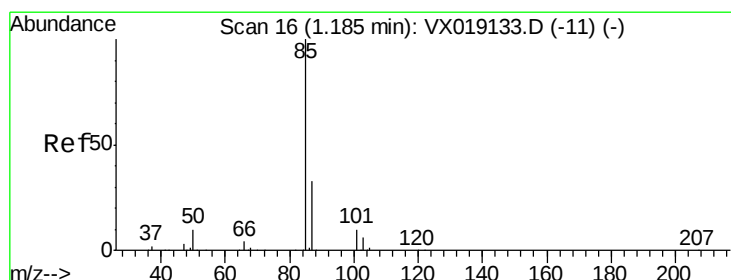
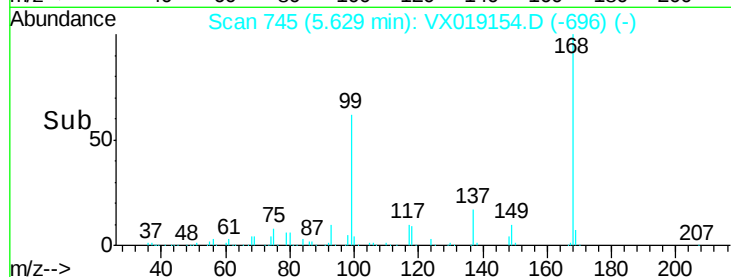
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20000

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Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 54.017 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019154.D

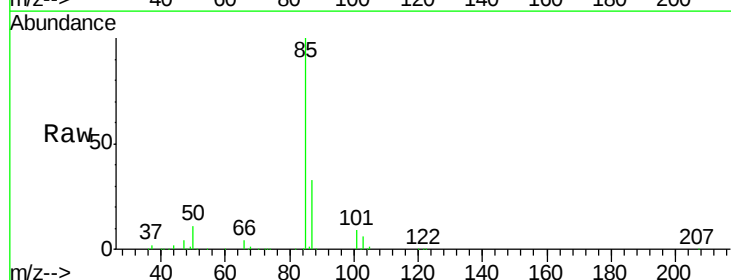
Acq: 27 Oct 2020 22:02

Tgt Ion: 85 Resp: 119830

Ion Ratio Lower Upper

85 100

87 33.3 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

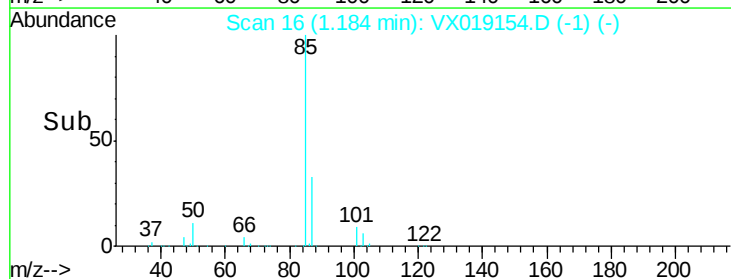
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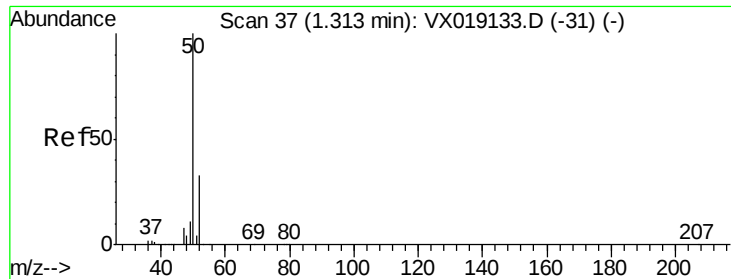
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Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 53.687 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 133056

Ion Ratio Lower Upper

50 100

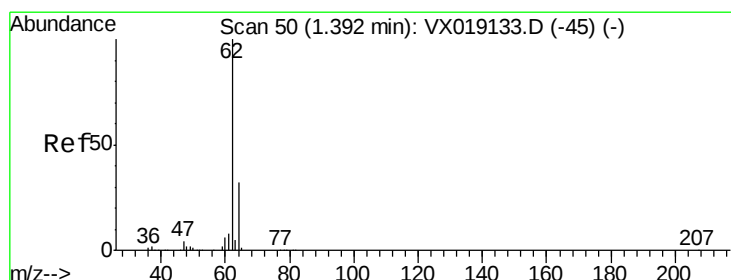
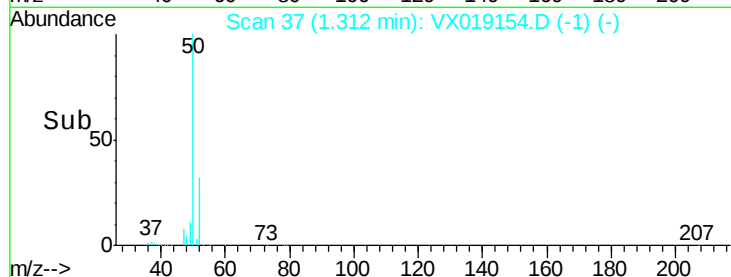
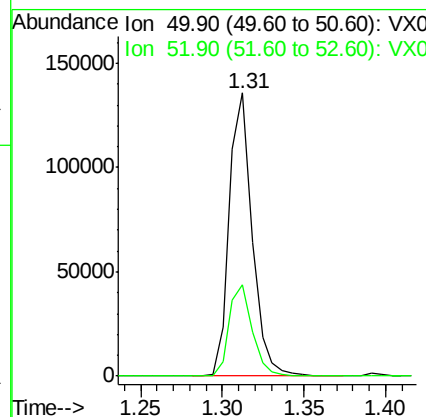
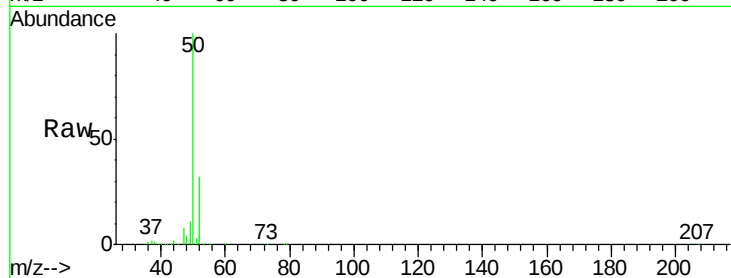
52 32.4 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 56.089 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019154.D

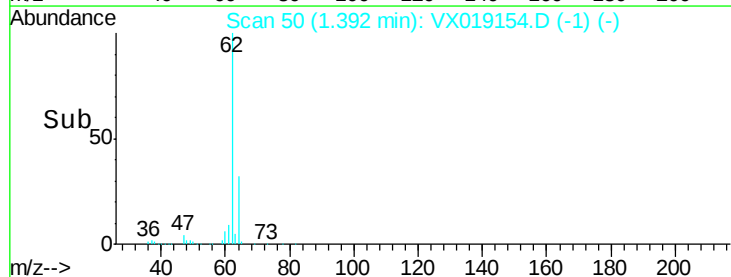
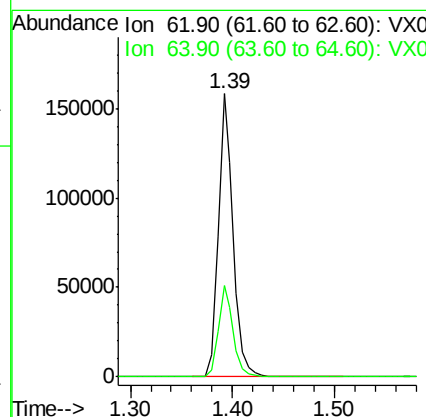
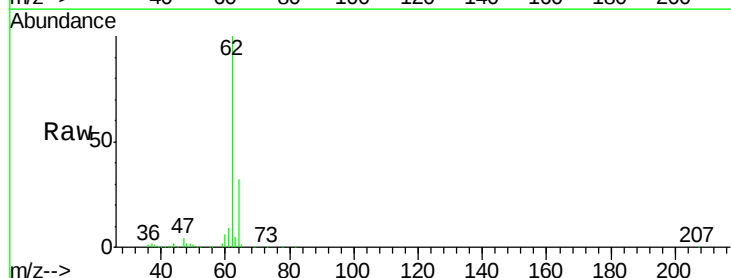
Acq: 27 Oct 2020 22:02

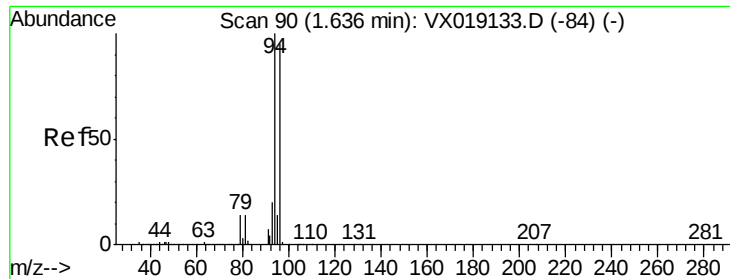
Tgt Ion: 62 Resp: 161212

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 56.625 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

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ClientSampleId :

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Tot Ion: 94 Resp: 111148

Ion Ratio Lower Upper

94 100

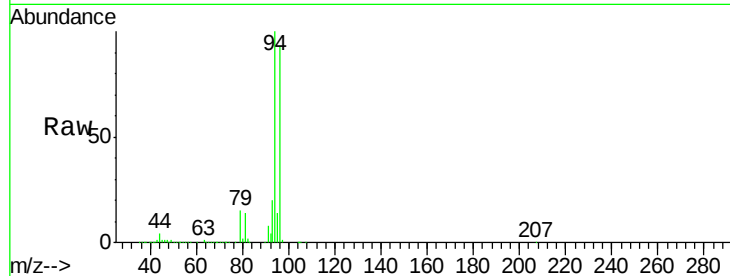
96 93.0 76.0 114.0

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

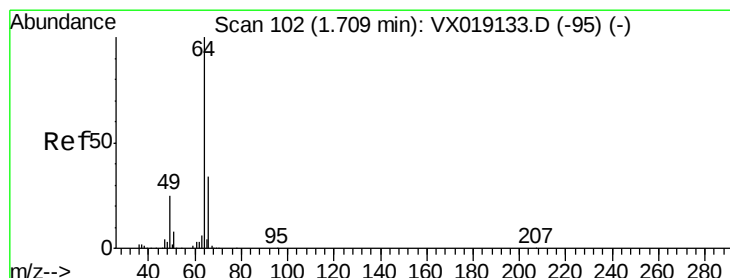
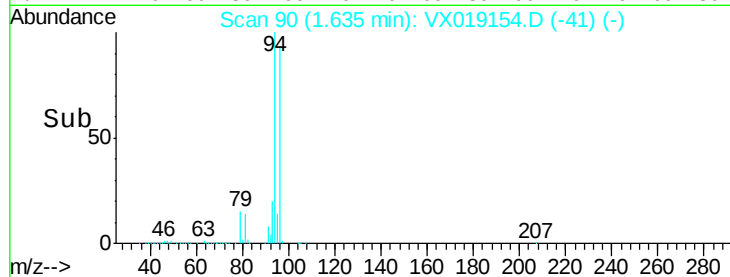
60000

40000

20000

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Time-->



#6

Chloroethane

Concen: 57.477 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019154.D

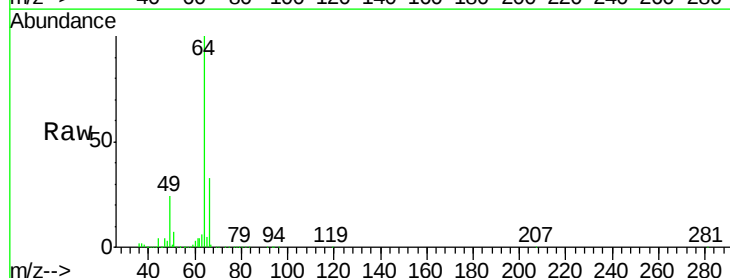
Acq: 27 Oct 2020 22:02

Tgt Ion: 64 Resp: 105478

Ion Ratio Lower Upper

64 100

66 33.1 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

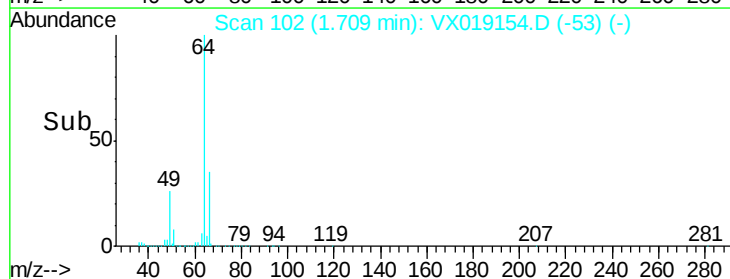
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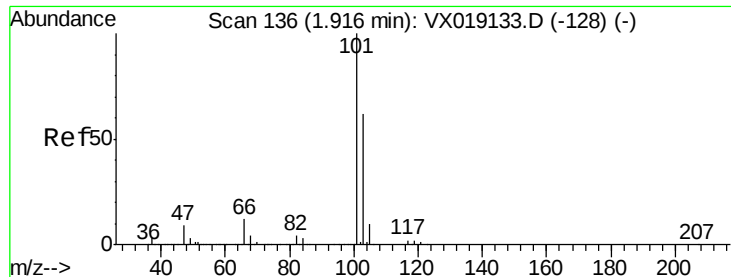
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Time-->





#7

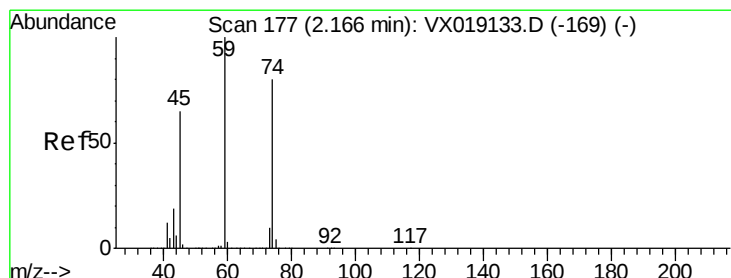
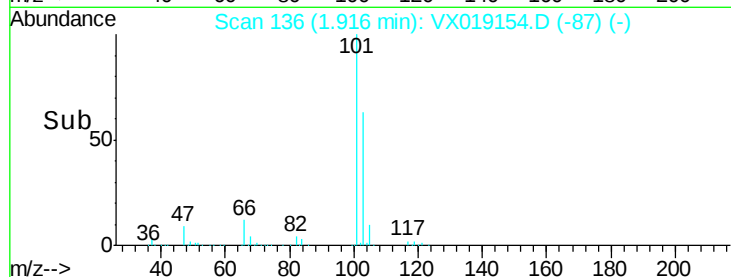
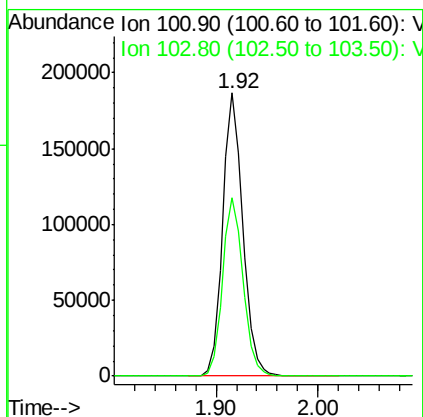
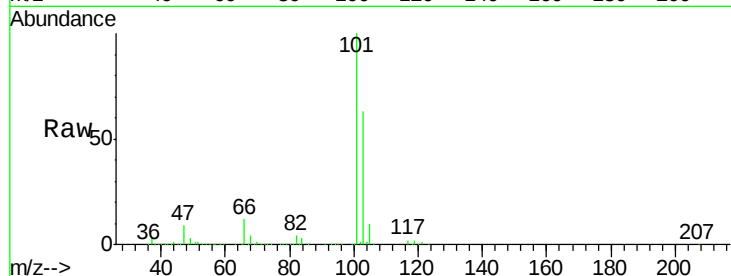
Trichlorofluoromethane
Concen: 56.844 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	256678		
103	63.2	50.0	50.0	75.0

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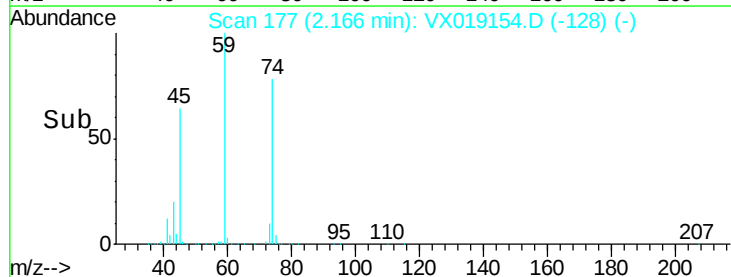
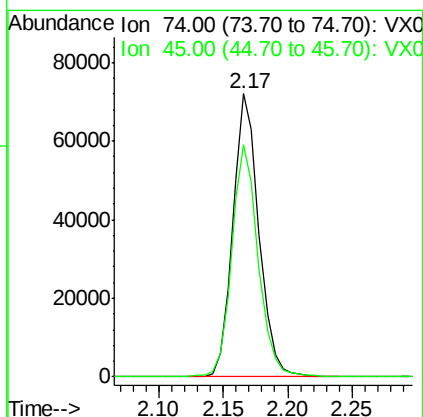
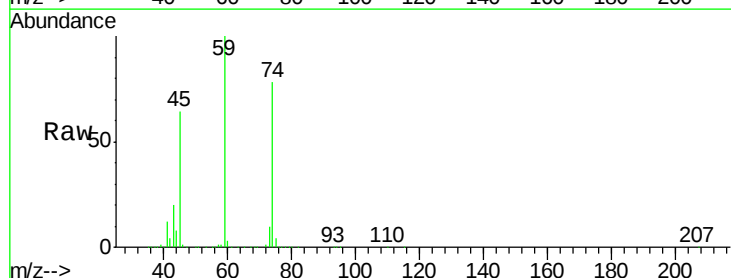
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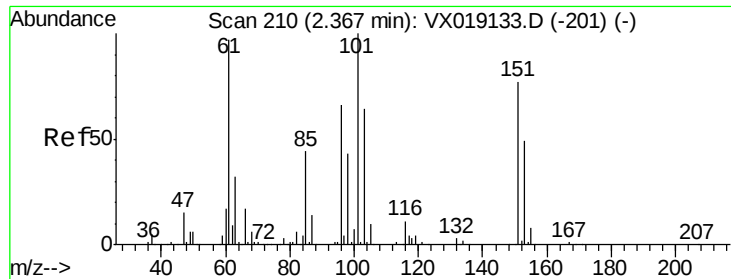


#8

Diethyl Ether
Concen: 58.451 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019154.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	101294		
45	82.7	41.0	41.0	123.0





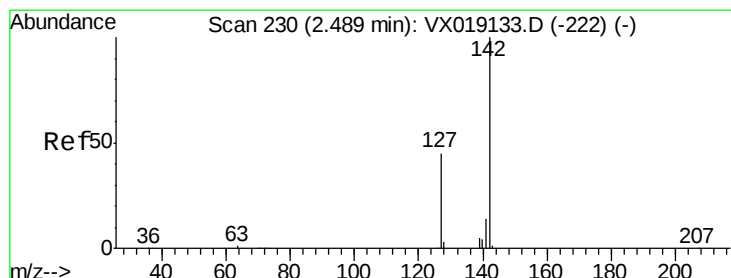
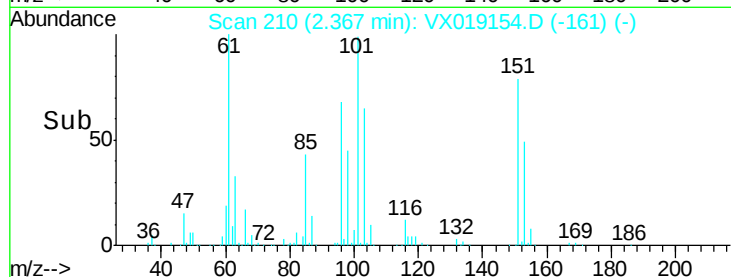
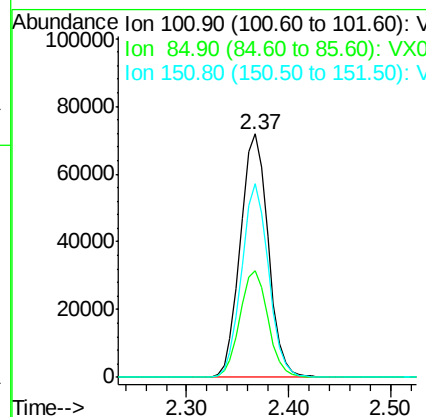
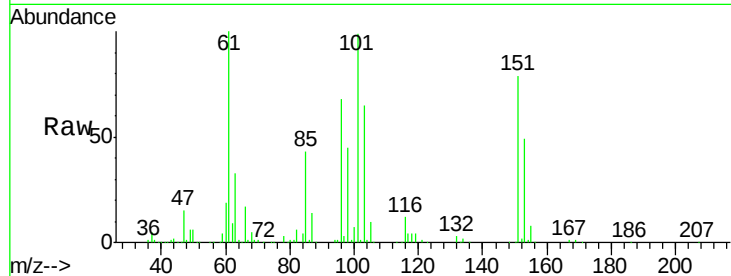
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.334 ug/l
RT: 2.37 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	135990		
85	44.2	35.0	52.4	
151	77.1	61.4	92.2	

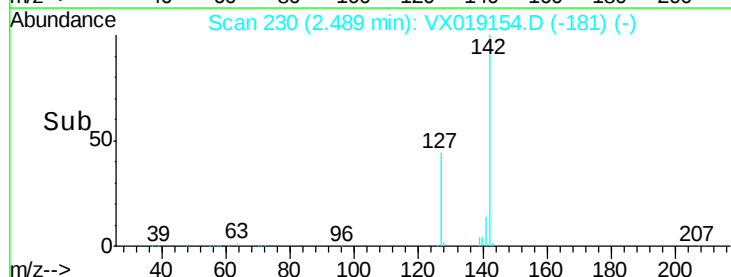
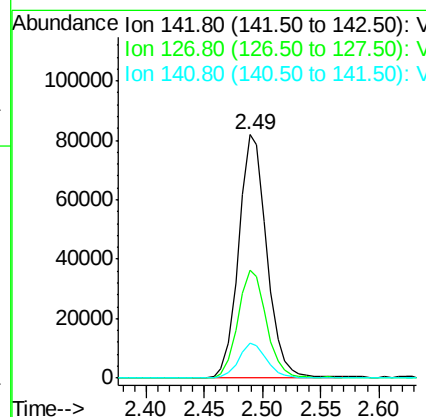
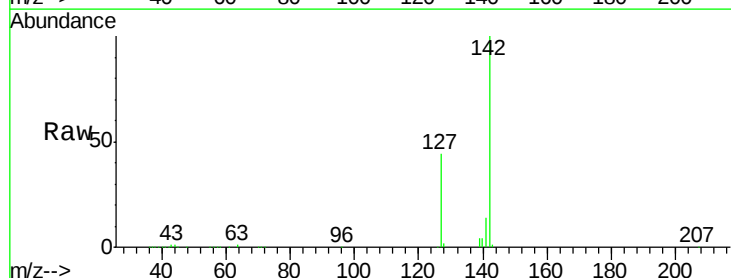
Manual Integrations
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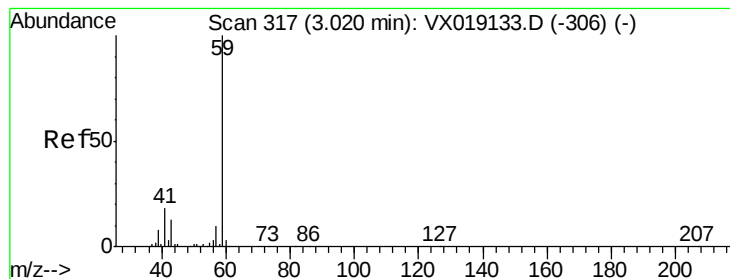
MMDadoda
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#10
Methyl Iodide
Concen: 47.213 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	138274		
127	44.7	36.1	54.1	
141	14.3	11.3	16.9	





#11

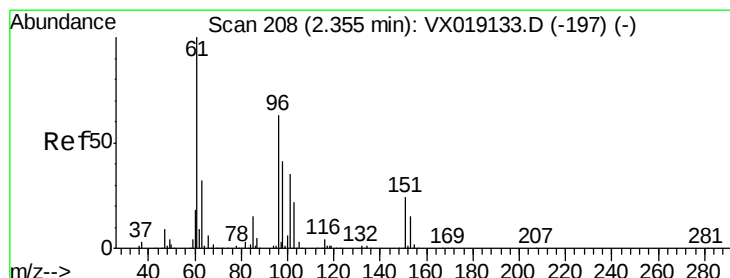
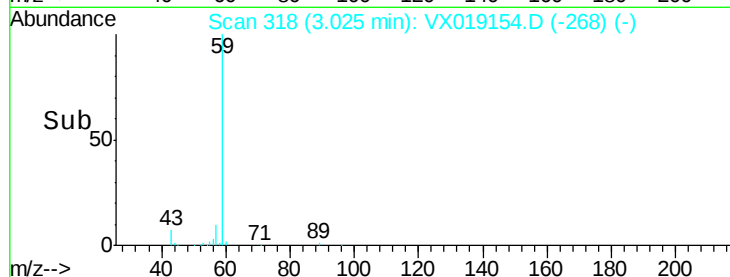
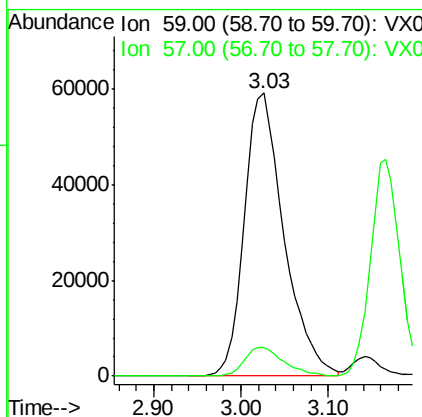
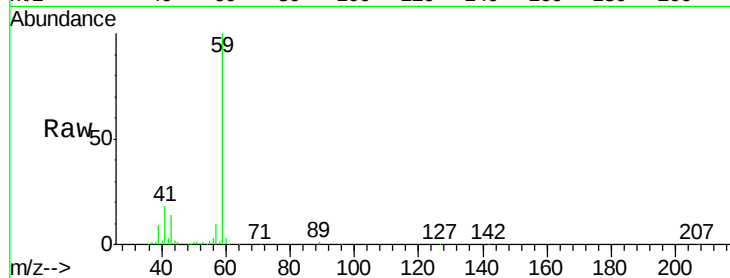
Tert butyl alcohol
 Concen: 275.881 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	186995		
57	57	10.2		8.4	12.6

Manual Integrations
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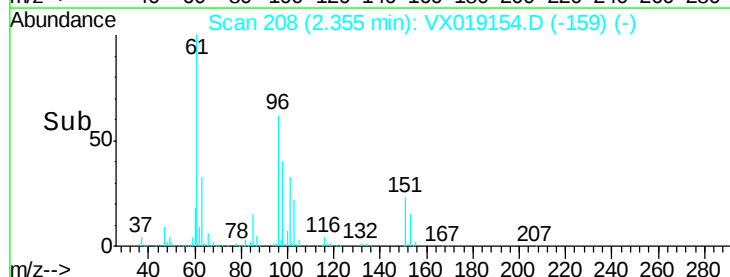
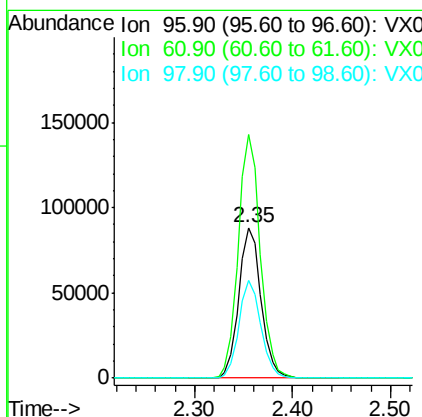
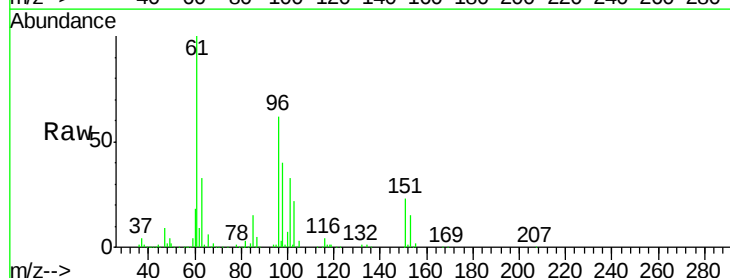
MMDadoda
 10/28/2020 12:15:21 PM

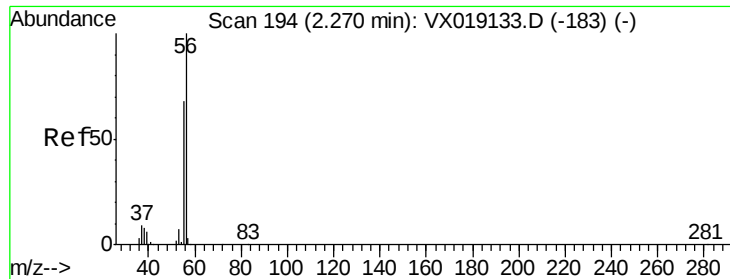


#12

1,1-Dichloroethene
 Concen: 54.077 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	139470		
61	61	162.1		127.7	191.5
98	98	65.0		52.1	78.1





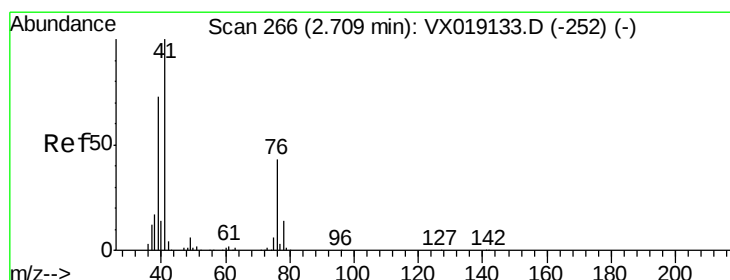
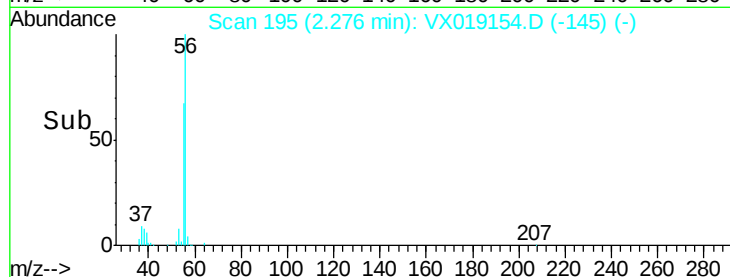
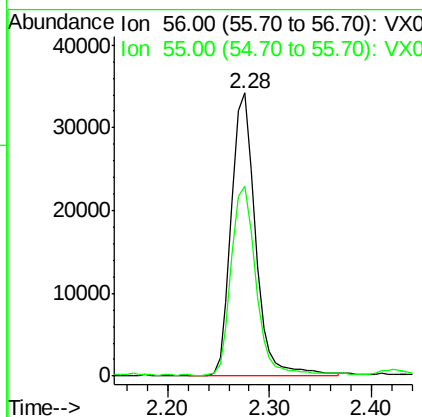
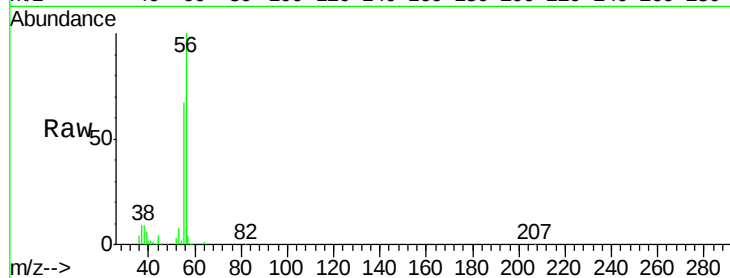
#13
Acrolein
Concen: 187.874 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.2	54.7	82.1

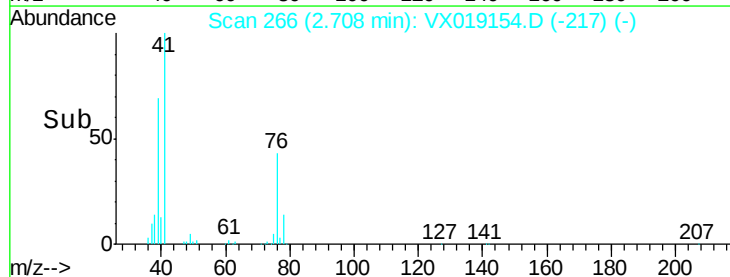
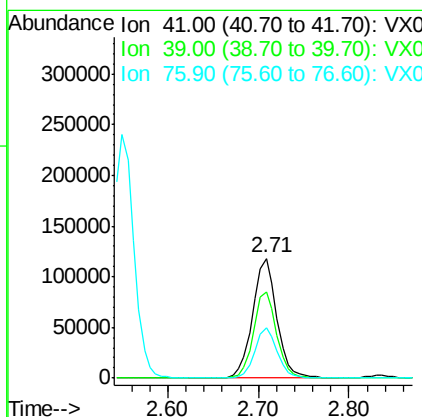
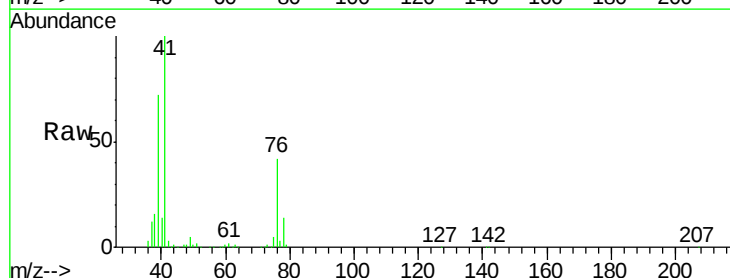
Manual Integrations
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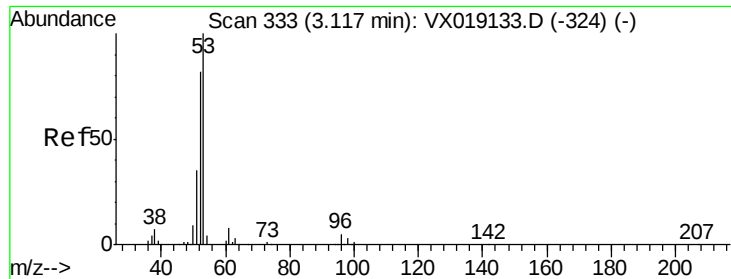
MMDadoda
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#14
Allyl chloride
Concen: 55.746 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.7	55.2	82.8
76	38.9	31.5	47.3





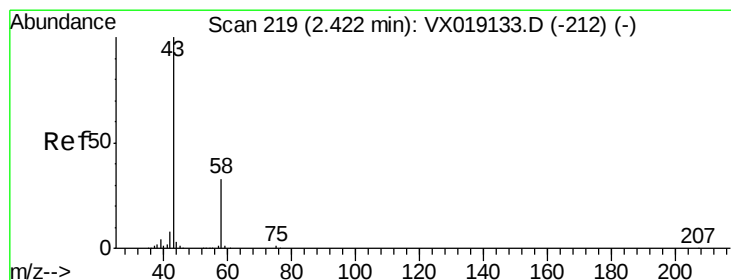
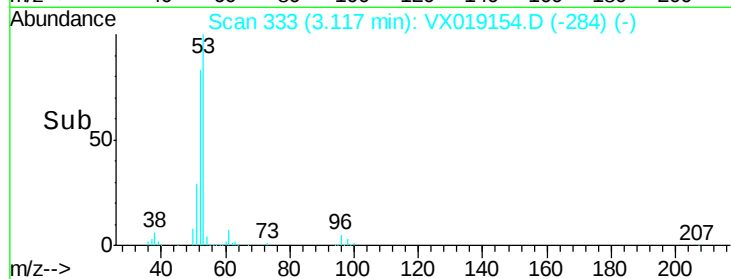
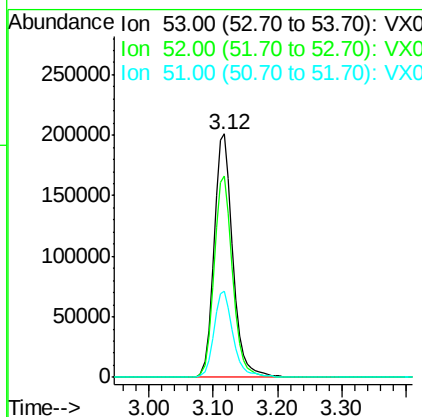
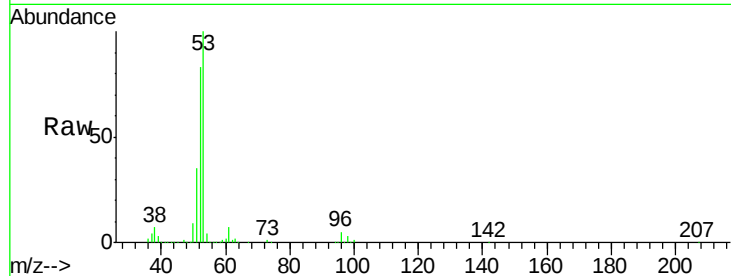
#15
 Acrylonitrile
 Concen: 288.238 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.7	98.5
51	36.1	28.4	42.6

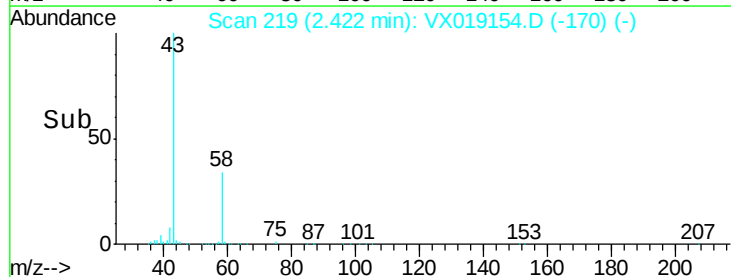
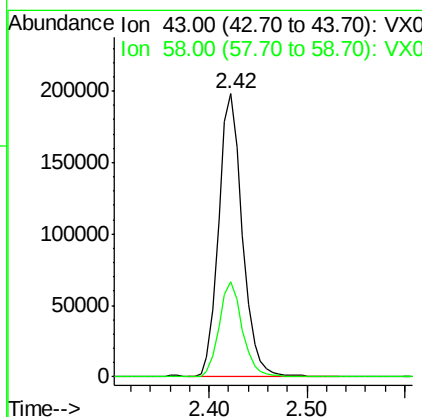
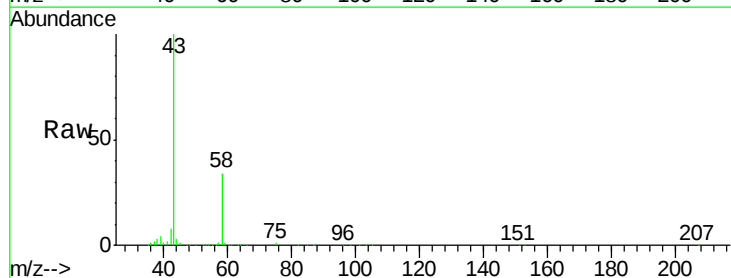
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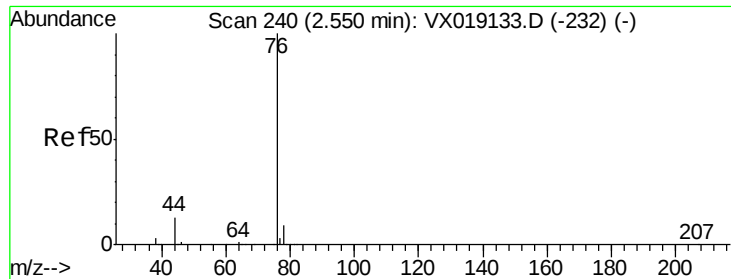
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#16
 Acetone
 Concen: 279.438 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.6	26.3	39.5





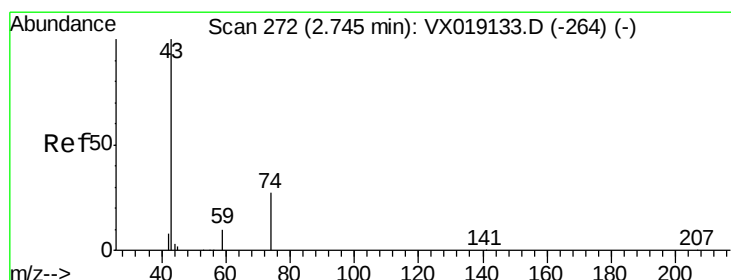
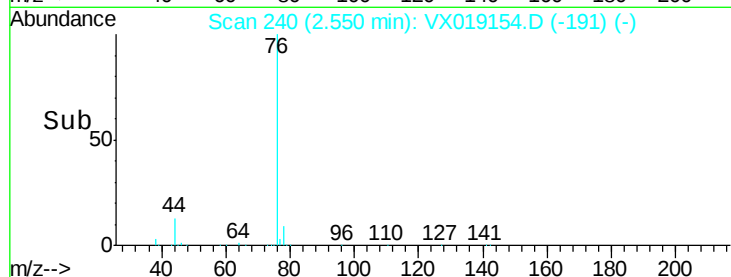
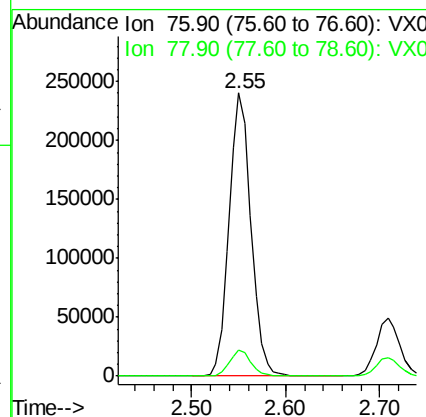
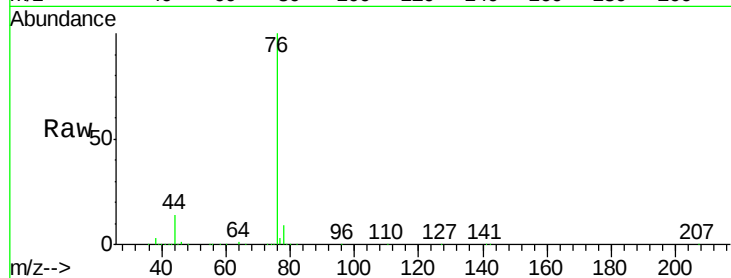
#17
Carbon Disulfide
Concen: 52.622 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

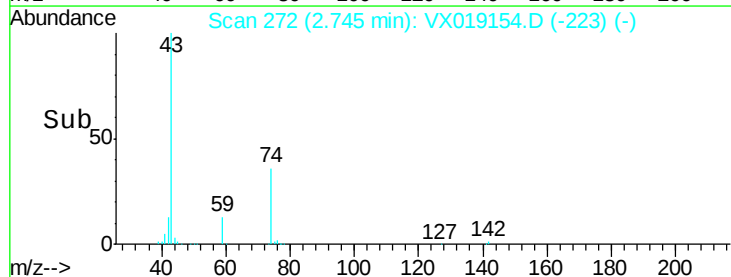
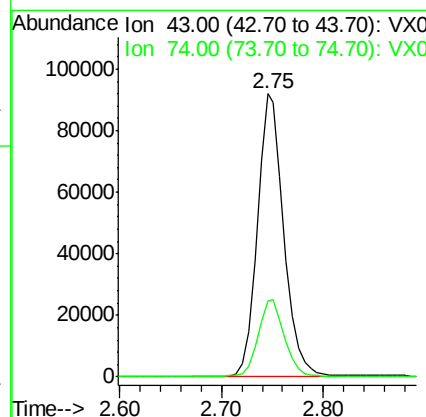
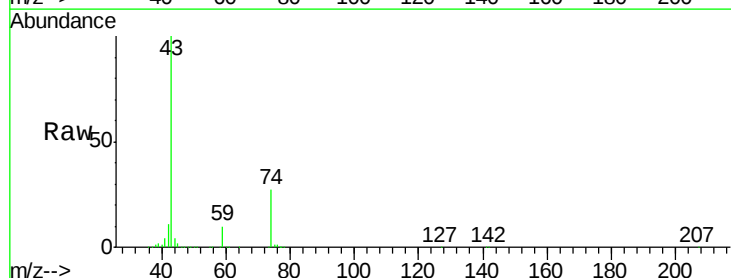
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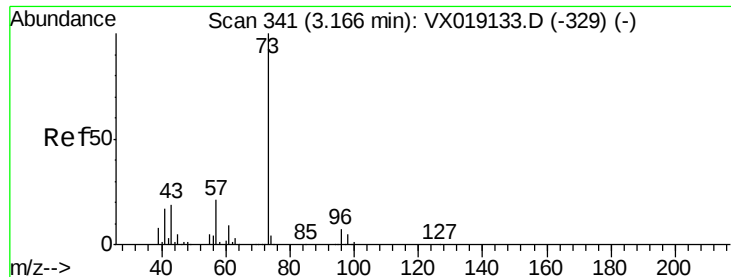
MMDadoda
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#18
Methyl Acetate
Concen: 57.358 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.8	22.6	33.8





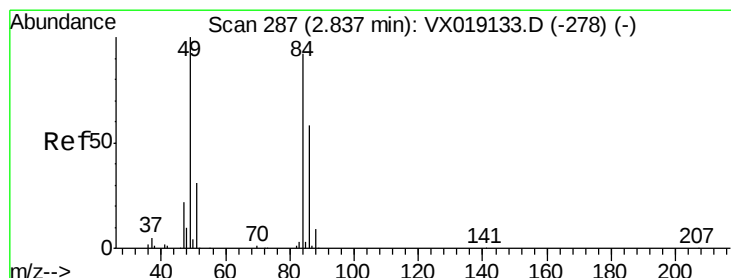
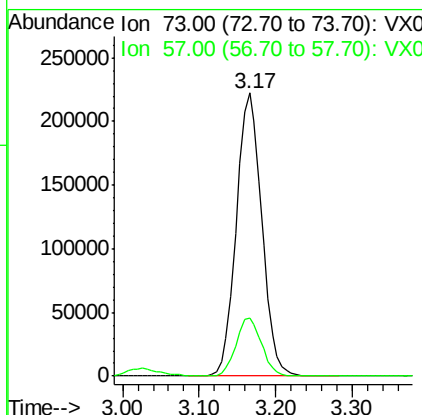
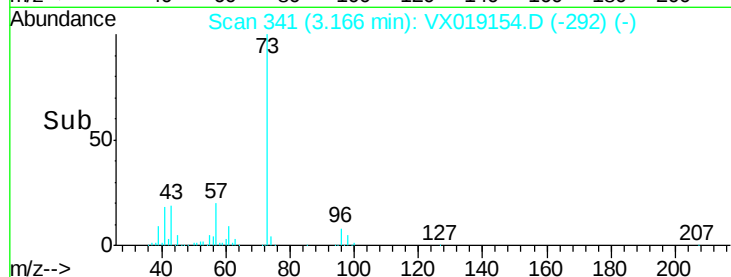
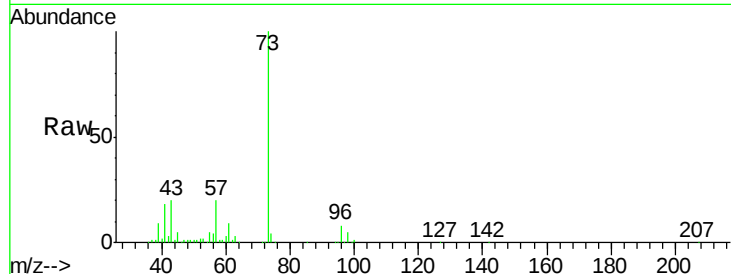
#19
Methvl tert-butvl Ether
Concen: 57.392 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	16.6	25.0

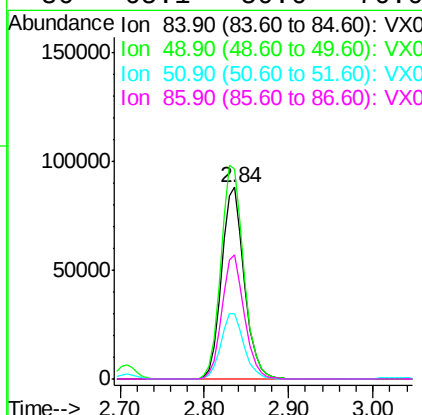
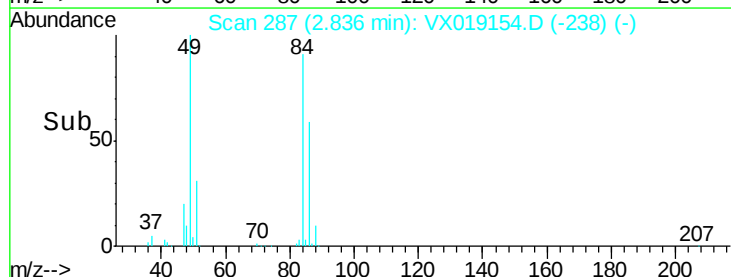
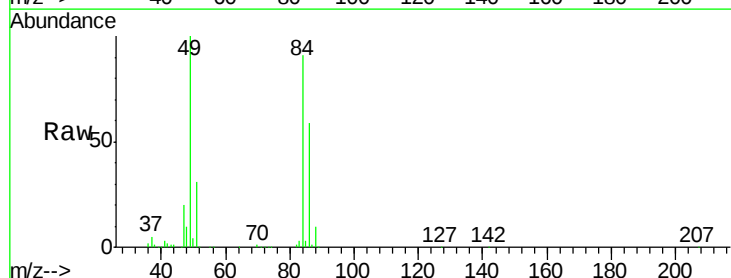
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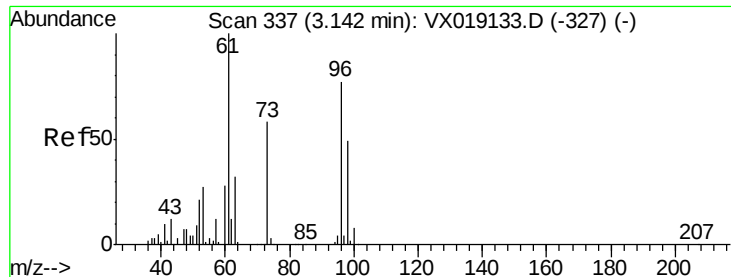
MMDadoda
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#20
Methylene Chloride
Concen: 54.788 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.6	86.8	130.2
51	33.9	27.3	40.9
86	65.1	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 54.294 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

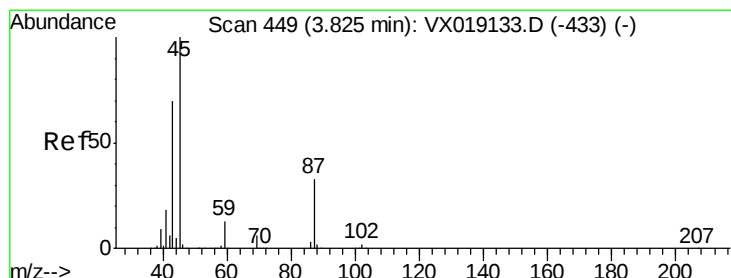
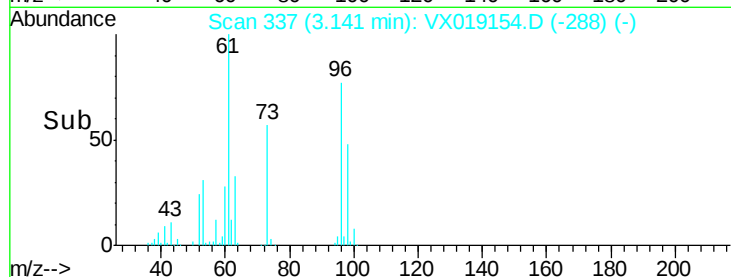
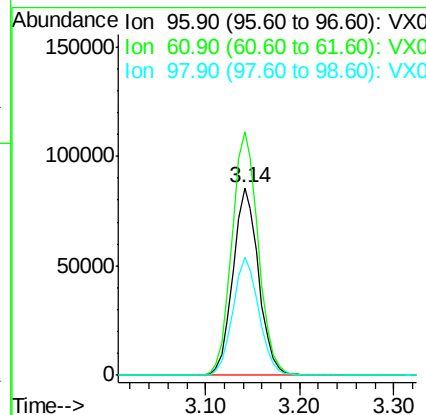
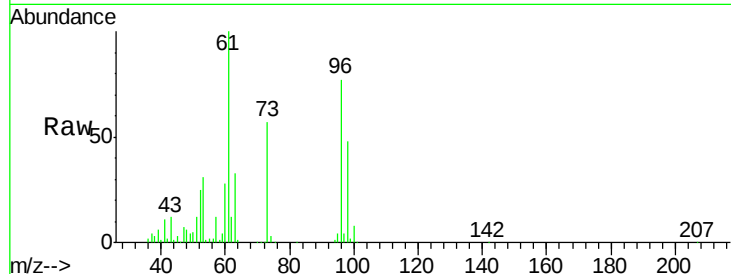
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	161159
Ion	Ratio	Lower	Upper
96	100		
61	129.8	104.2	156.4
98	63.0	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 58.706 ug/l

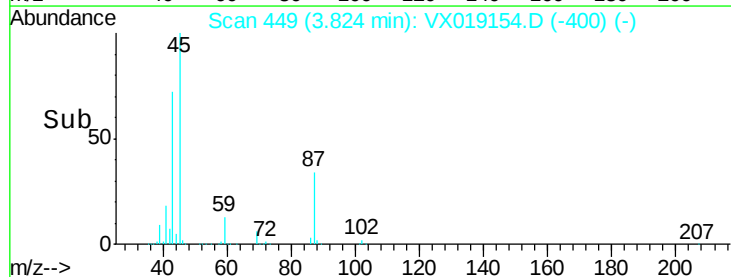
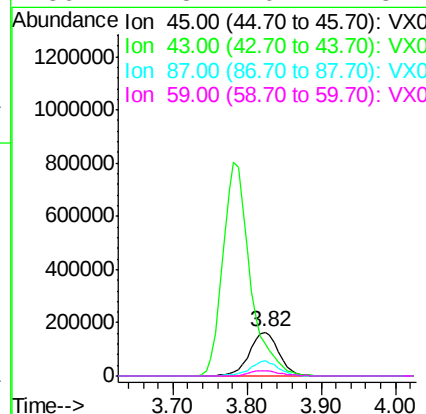
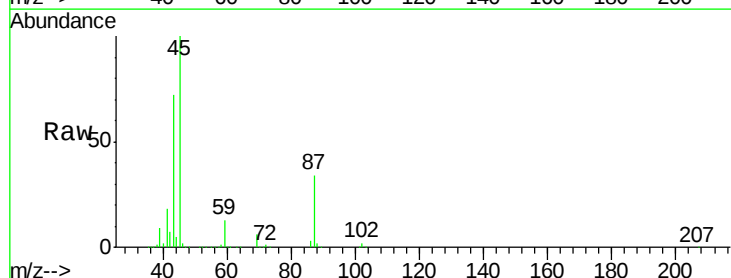
RT: 3.82 min Scan# 449

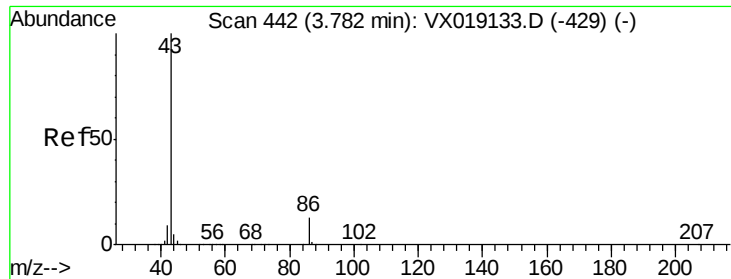
Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Tgt Ion:	45	Resp:	457193
Ion	Ratio	Lower	Upper
45	100		
43	71.5	56.2	84.4
87	33.7	26.2	39.2
59	12.8	10.1	15.1





#23

Vinyl Acetate

Concen: 295.331 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2051058

Ion Ratio Lower Upper

43 100

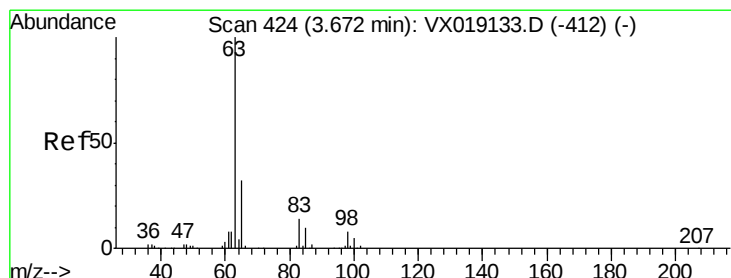
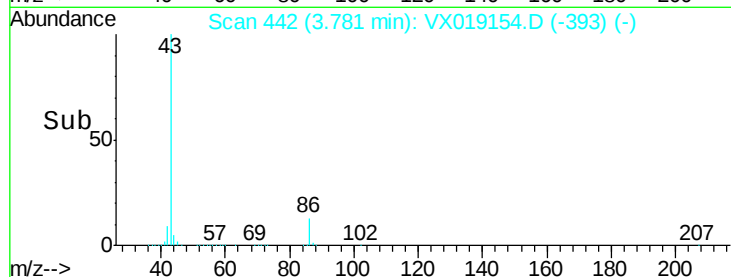
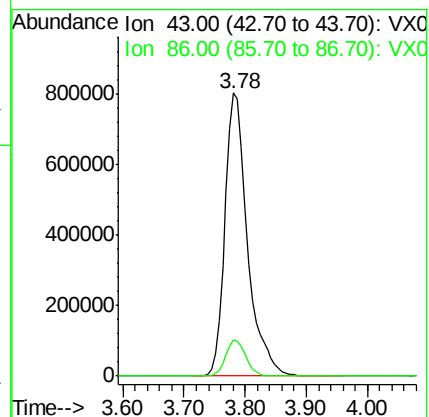
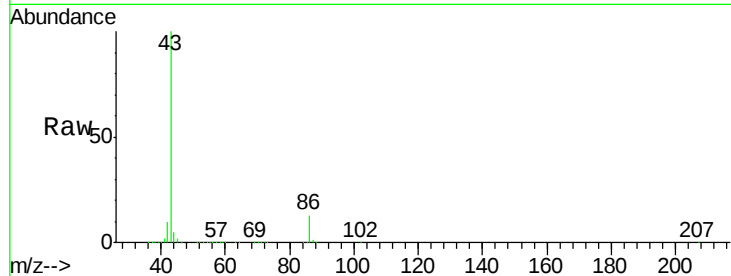
86 12.8 10.4 15.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 57.599 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

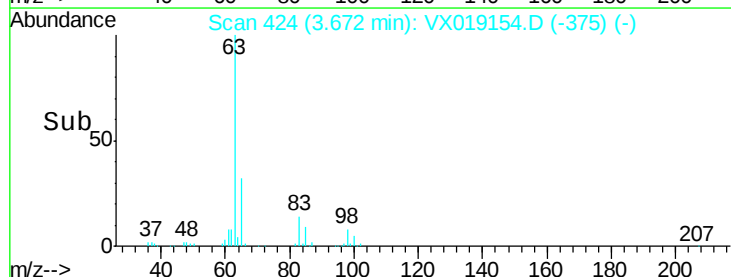
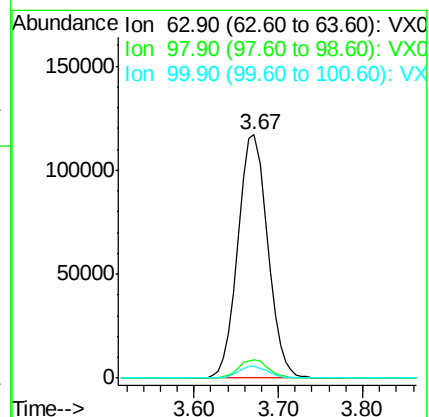
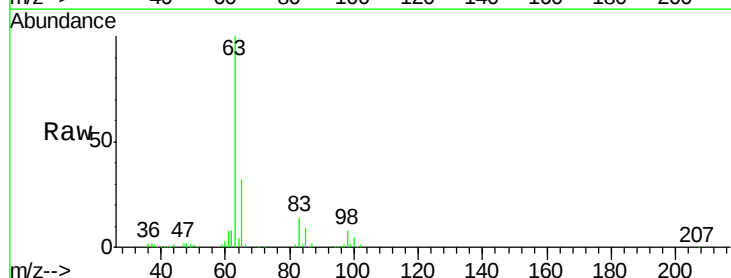
Tgt Ion: 63 Resp: 280075

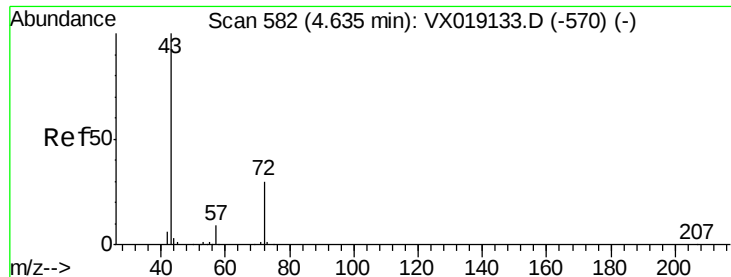
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 5.1 2.4 7.2





#25

2-Butanone

Concen: 290.823 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 542617

Ion Ratio Lower Upper

43 100

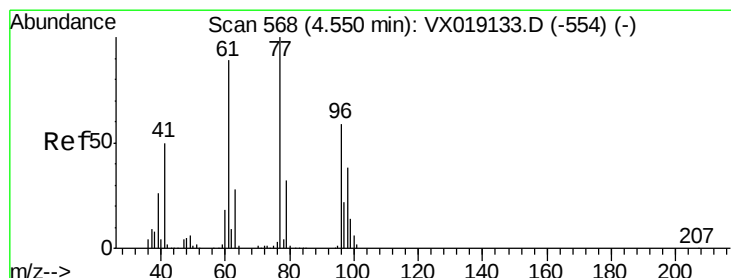
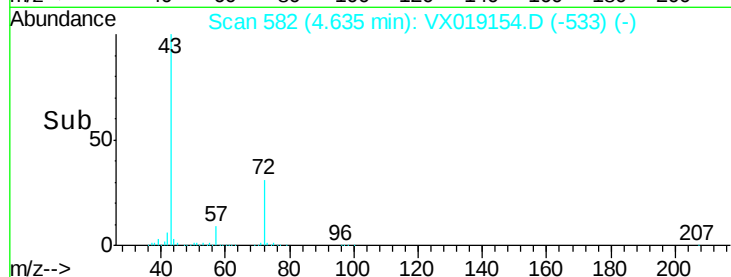
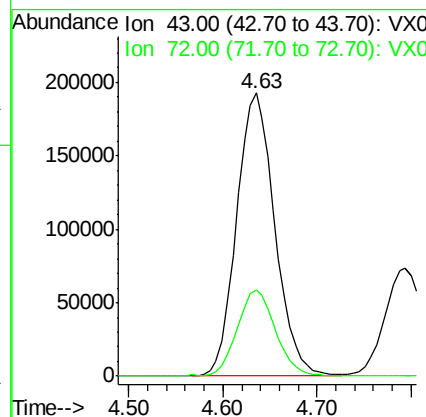
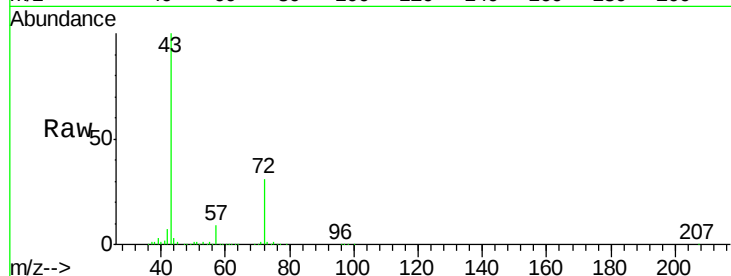
72 30.4 24.6 36.8

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#26

2,2-Dichloropropane

Concen: 49.790 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019154.D

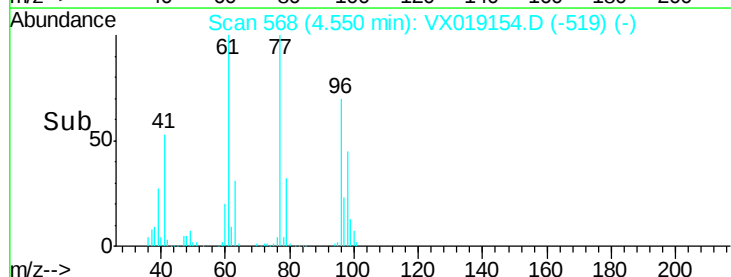
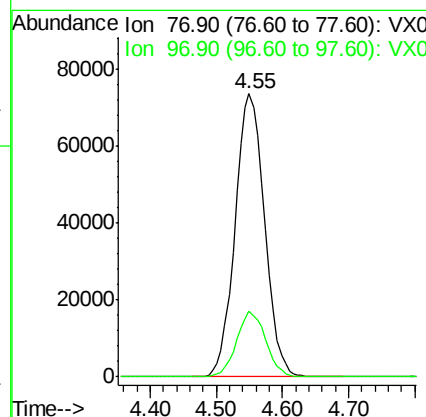
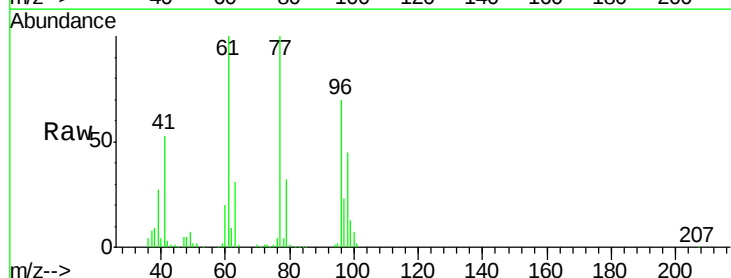
Acq: 27 Oct 2020 22:02

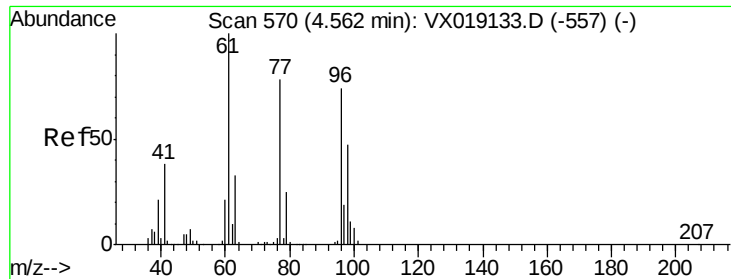
Tgt Ion: 77 Resp: 227598

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





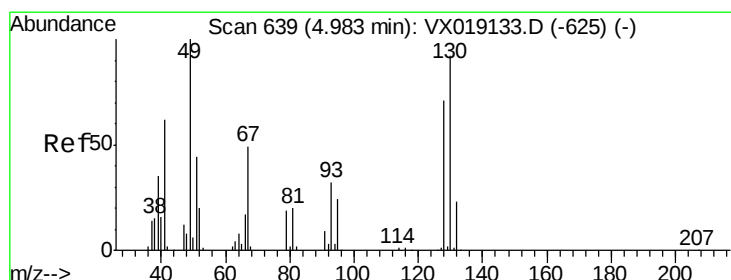
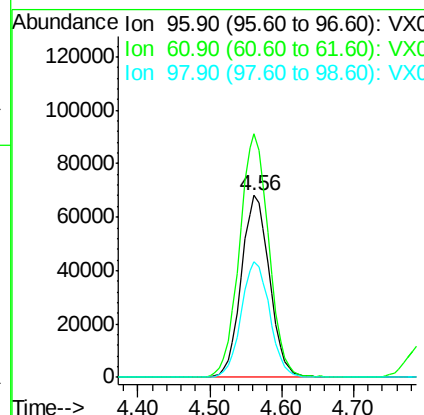
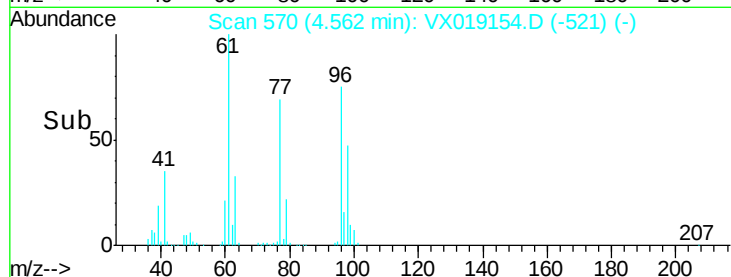
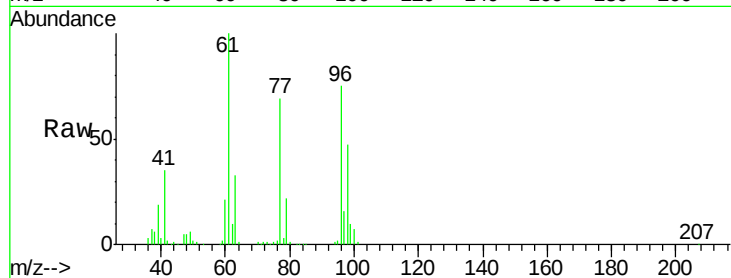
#27
 cis-1,2-Dichloroethene
 Concen: 56.000 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	185747		
61	138.8	0.0	278.8	
98	64.4	0.0	130.2	

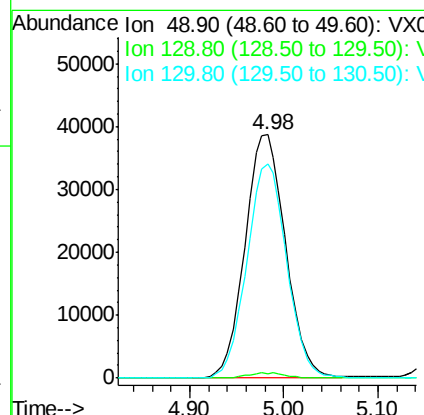
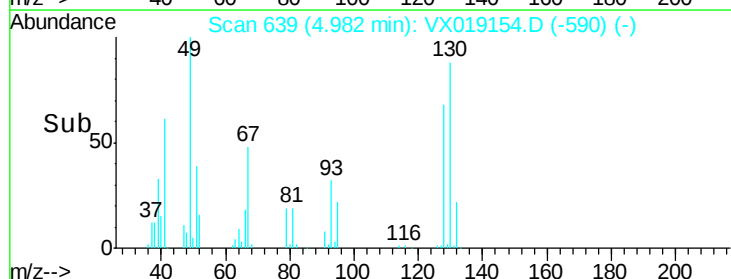
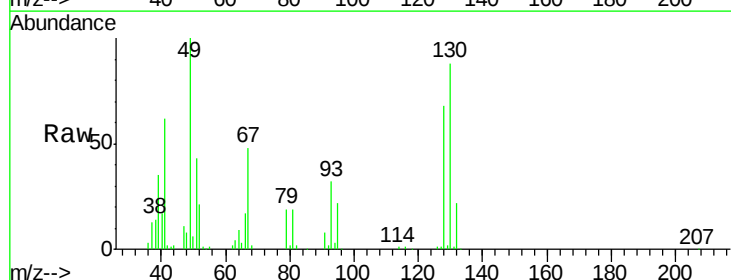
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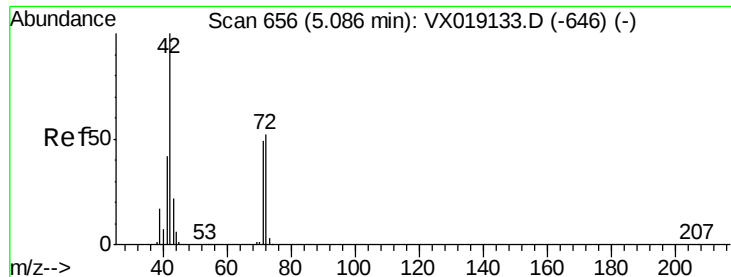
MMDadoda
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#28
 Bromochloromethane
 Concen: 52.906 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	116951		
129	2.1	0.0	4.4	
130	86.8	71.3	106.9	





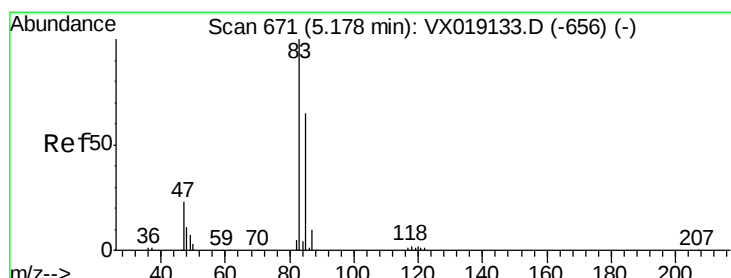
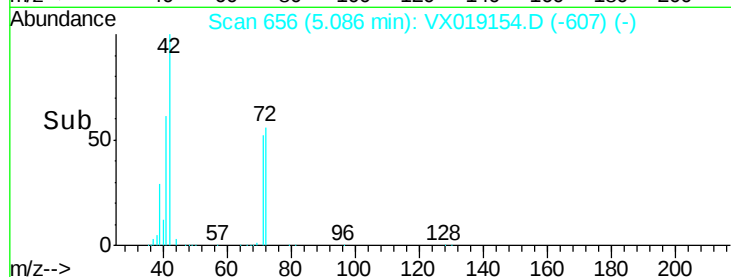
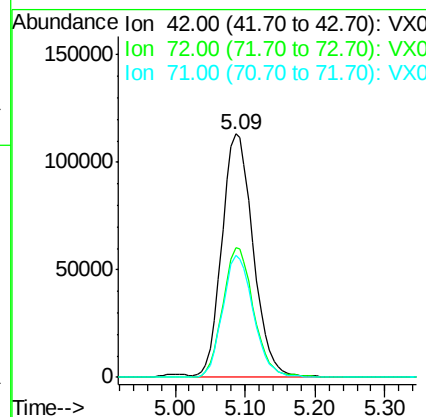
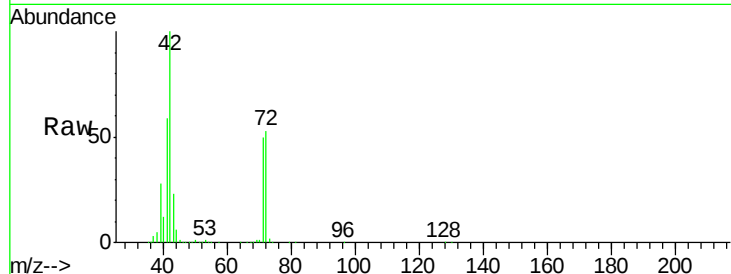
#29
Tetrahydrofuran
Concen: 298.673 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.0	42.6	63.8
71	49.5	39.7	59.5

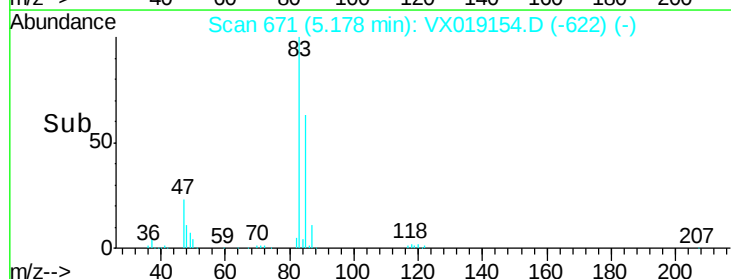
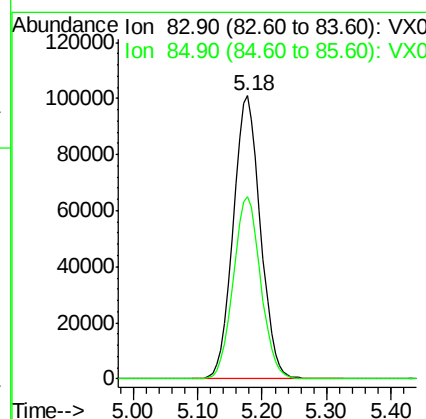
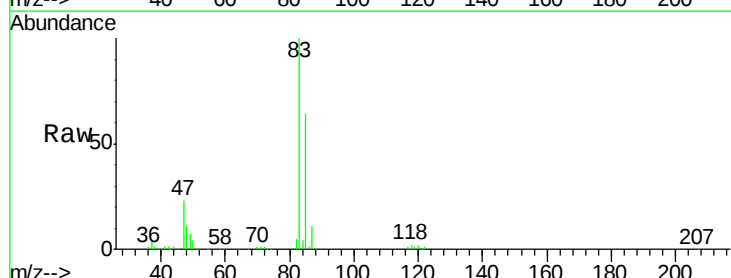
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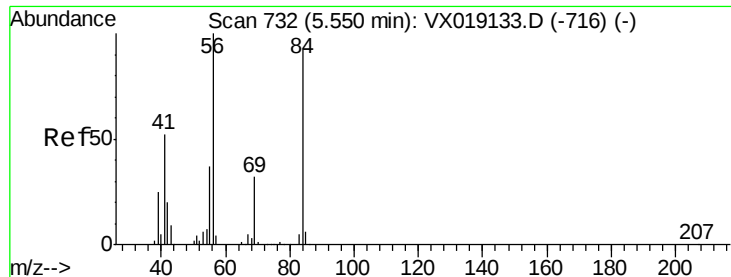
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#30
Chloroform
Concen: 57.676 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.9	77.9





#31

Cvclohexane

Concen: 55.325 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

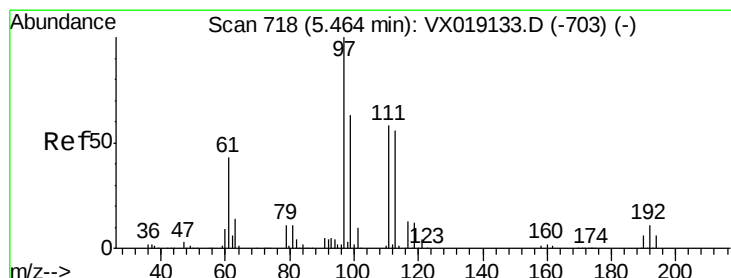
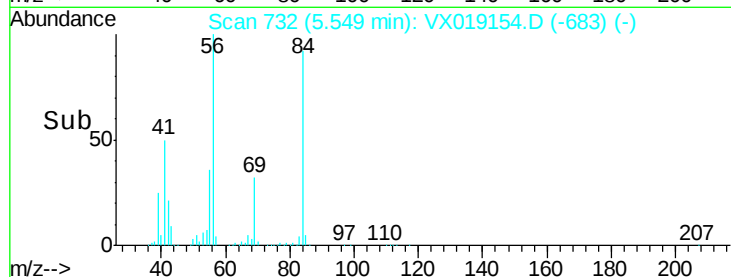
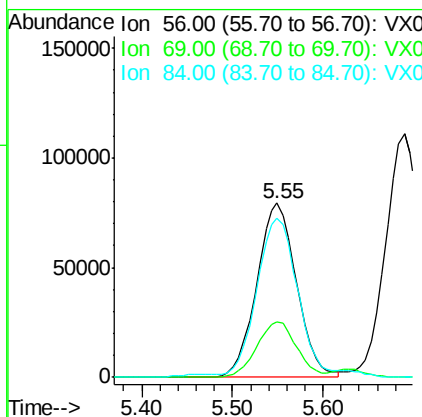
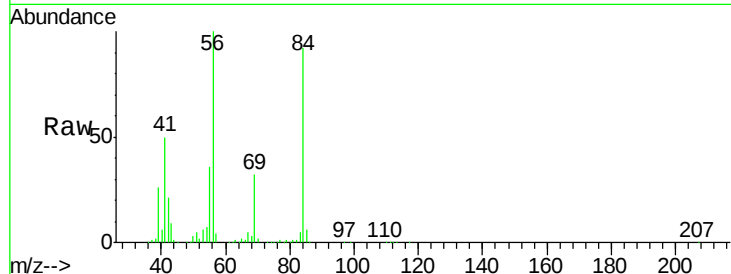
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		239996		
69	31.8	25.9	38.9		
84	89.9	73.4	110.2		

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#32

1,1,1-Trichloroethane

Concen: 57.569 ug/l

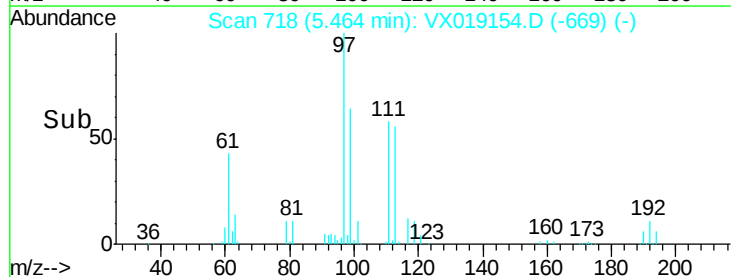
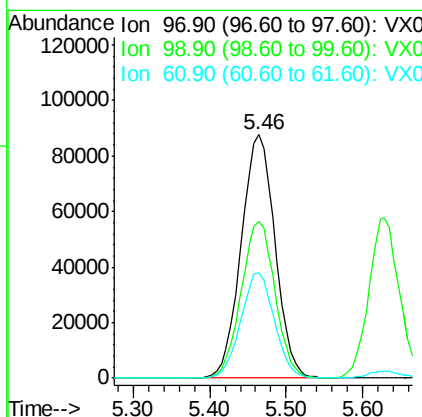
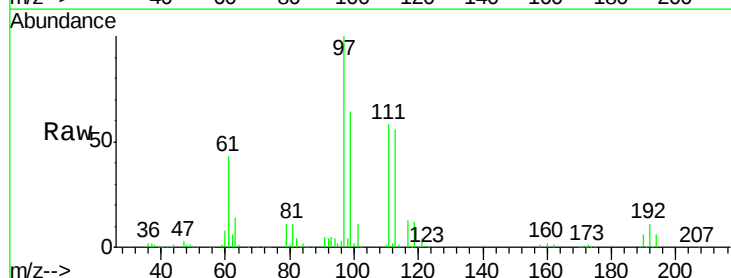
RT: 5.46 min Scan# 718

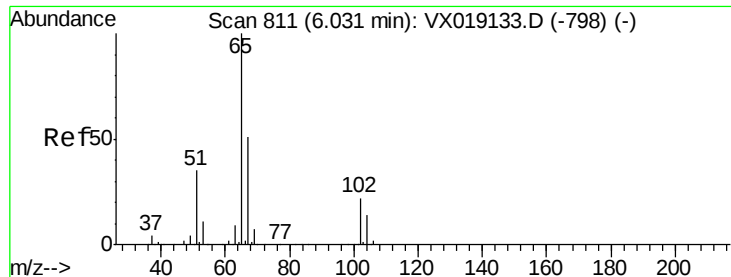
Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		270139		
99	64.2	51.7	77.5		
61	43.0	34.2	51.2		





#33

1,2-Dichloroethane-d4

Concen: 51.119 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 175425

Ion Ratio Lower Upper

65 100

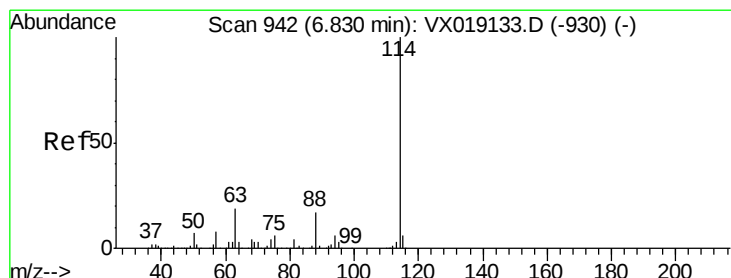
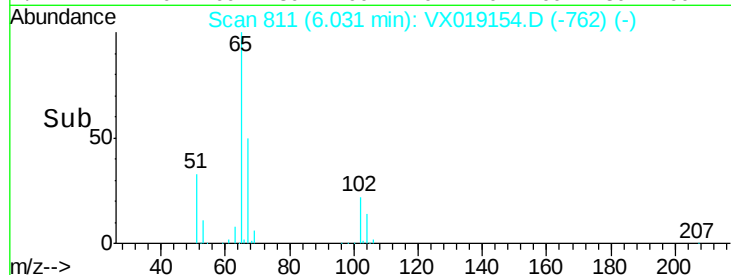
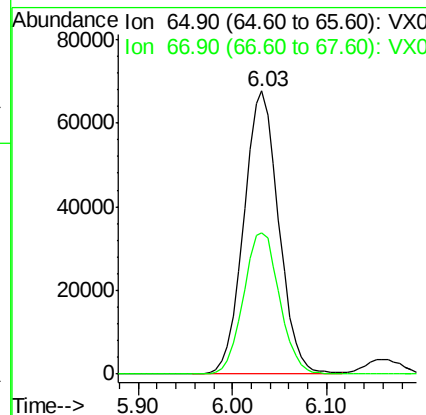
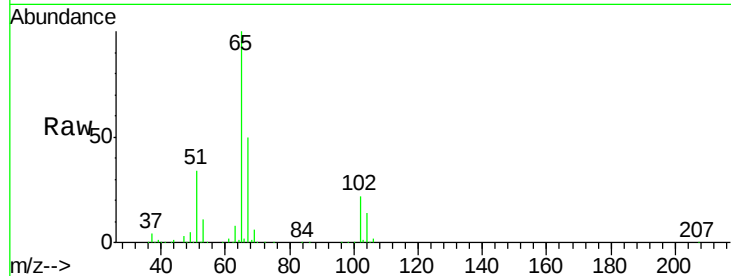
67 51.6 0.0 103.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

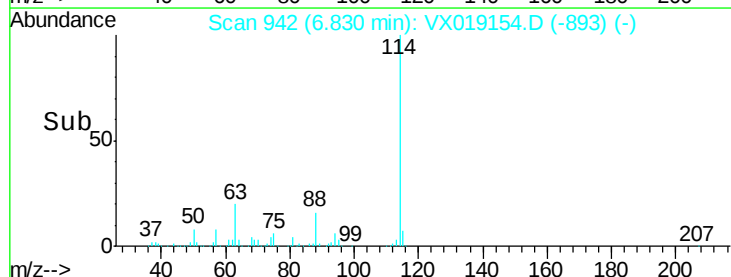
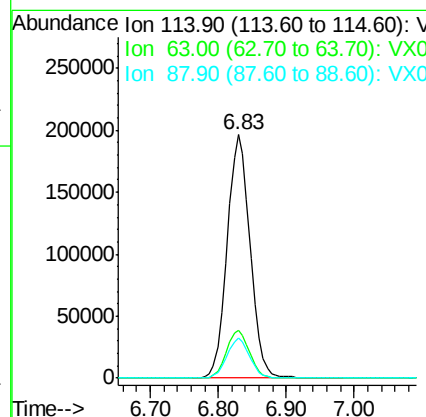
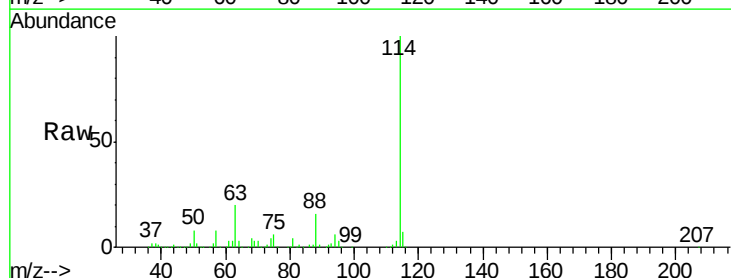
Tgt Ion: 114 Resp: 457640

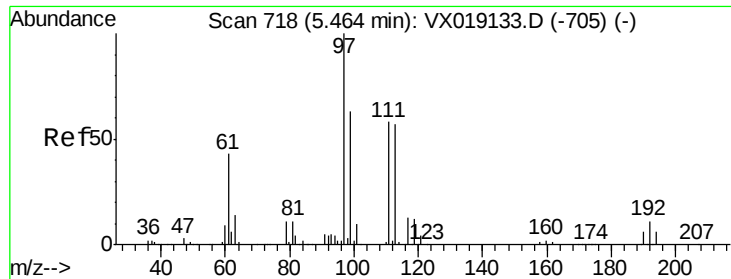
Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.8

88 16.2 0.0 34.2





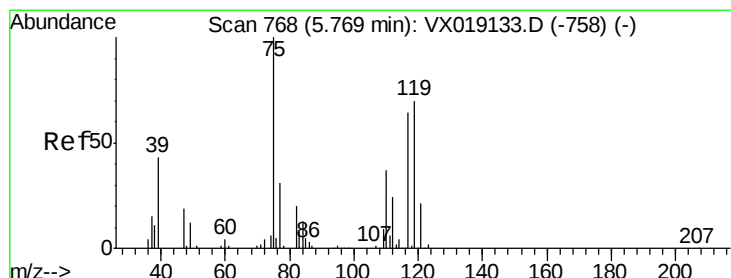
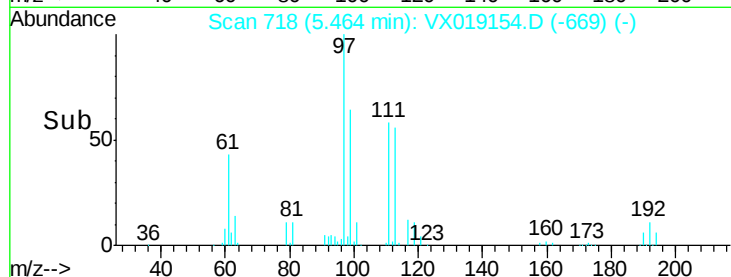
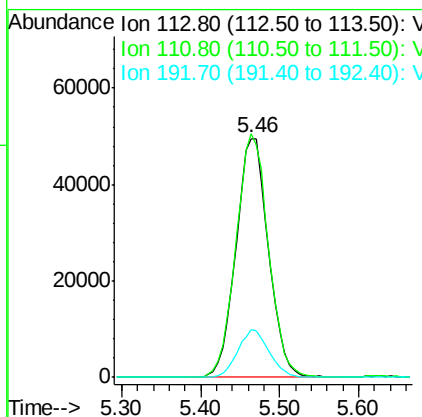
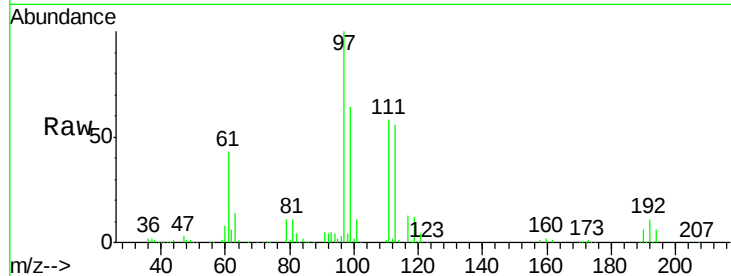
#35
Dibromofluoromethane
Concen: 49.413 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	142044		
111	101.8	82.3	123.5	
192	19.2	16.2	24.2	

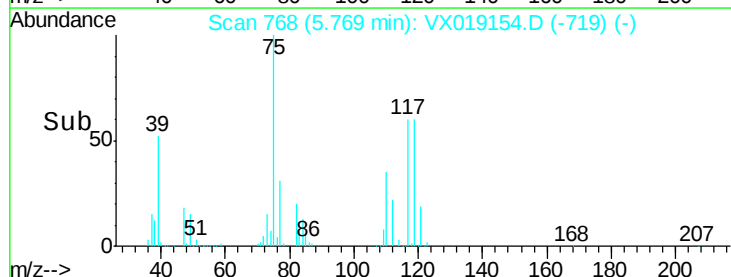
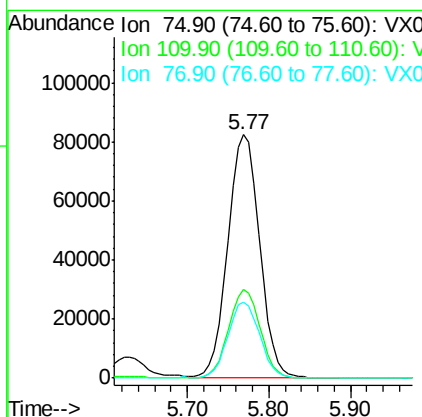
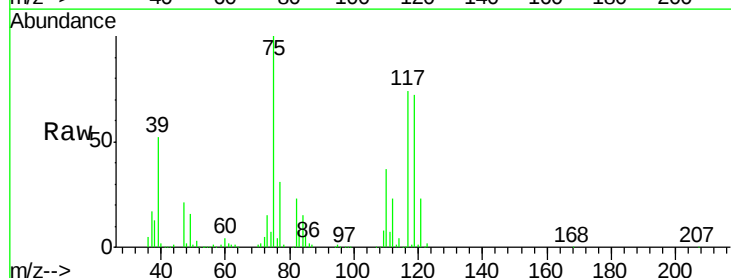
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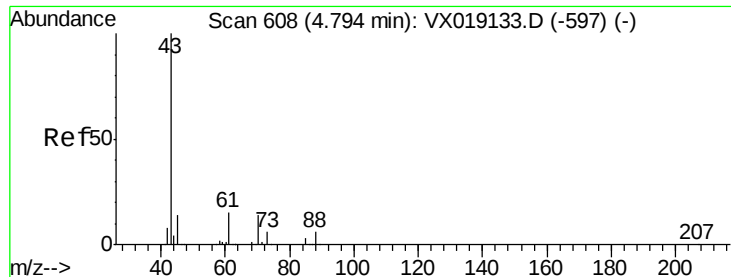
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#36
1,1-Dichloropropene
Concen: 52.415 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	221505		
110	36.2	18.3	54.9	
77	31.5	24.9	37.3	





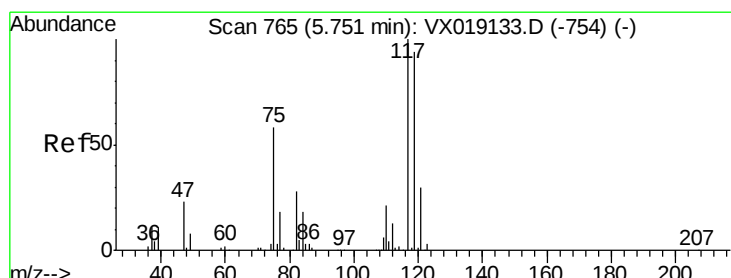
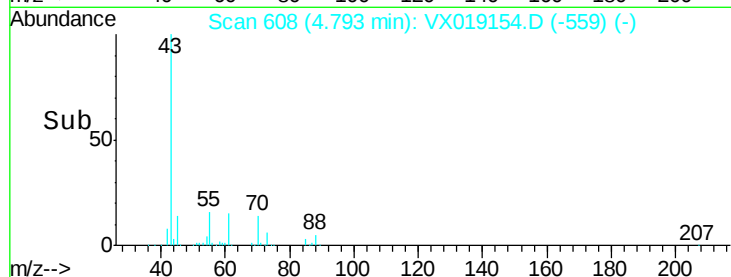
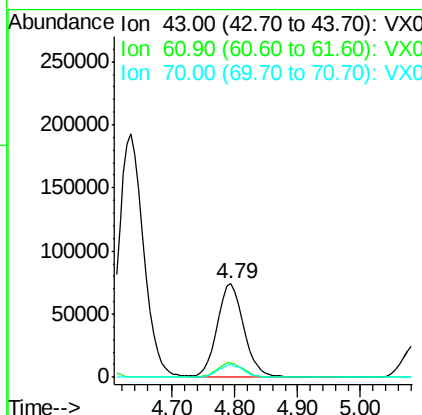
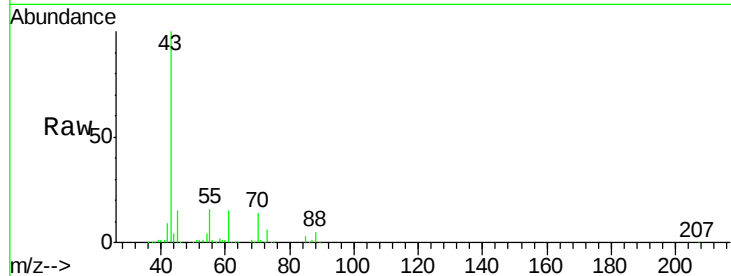
#37
Ethyl Acetate
Concen: 55.557 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.5	18.7
70	12.9	10.5	15.7

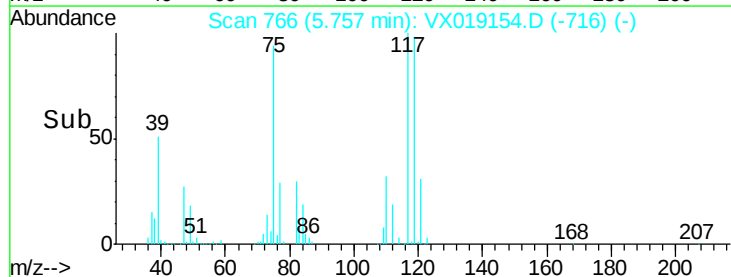
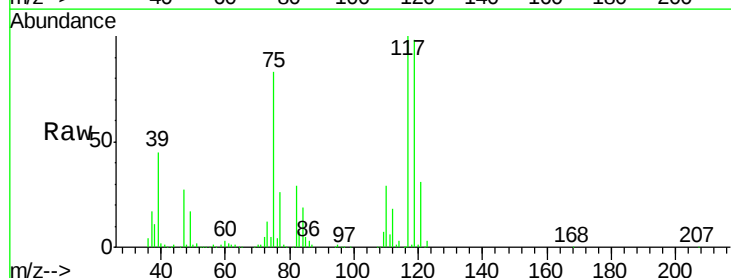
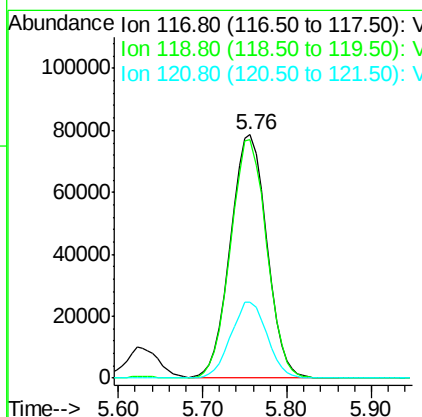
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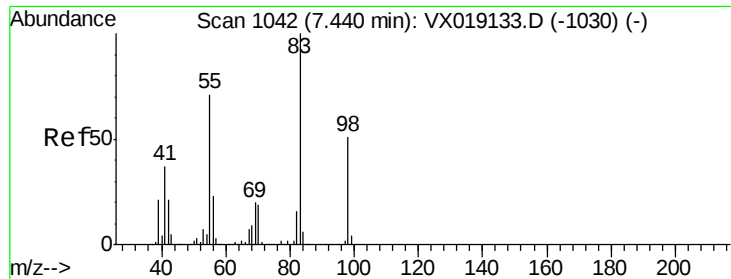
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#38
Carbon Tetrachloride
Concen: 53.565 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.0	112.6
121	31.0	23.9	35.9





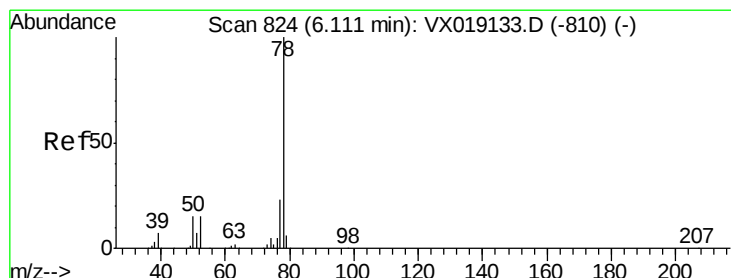
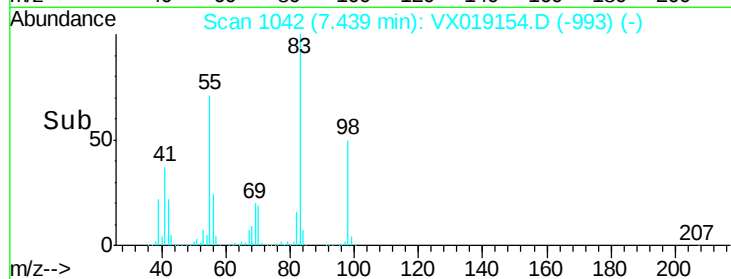
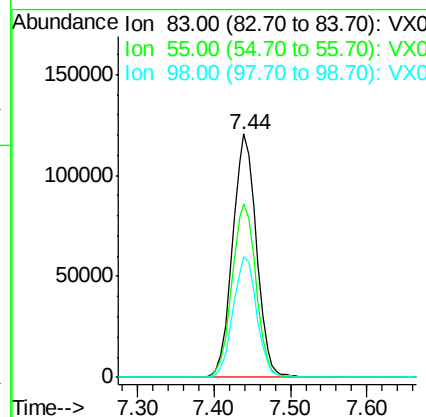
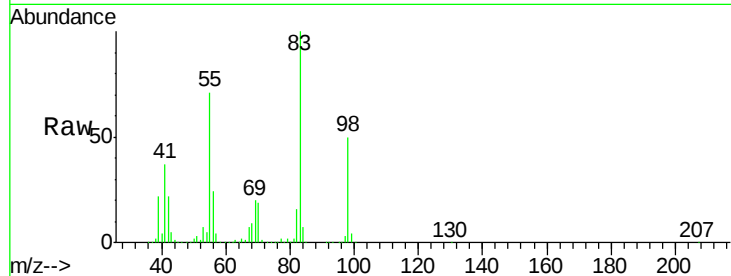
#39
Methvlcvclohexane
Concen: 51.454 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	259998
Ion Ratio	Lower	Upper	
83	100		
55	71.3	57.0	85.6
98	49.6	40.5	60.7

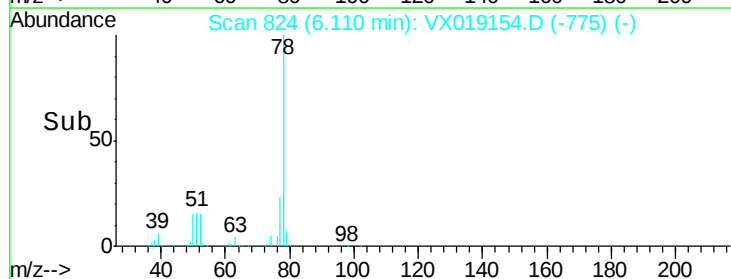
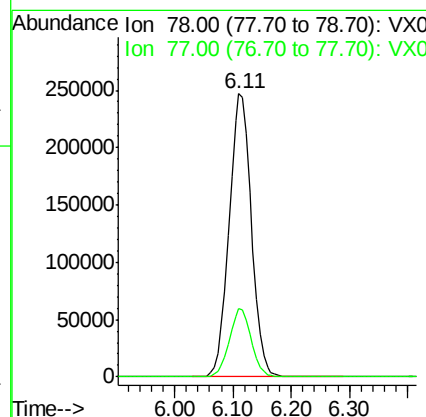
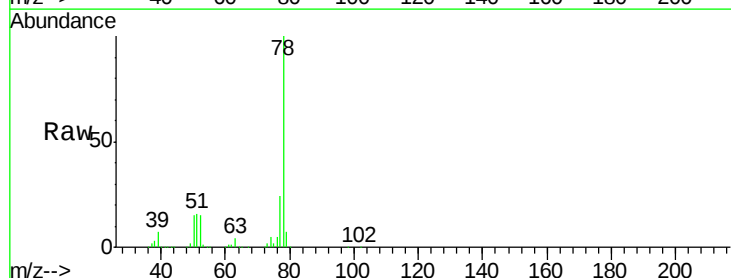
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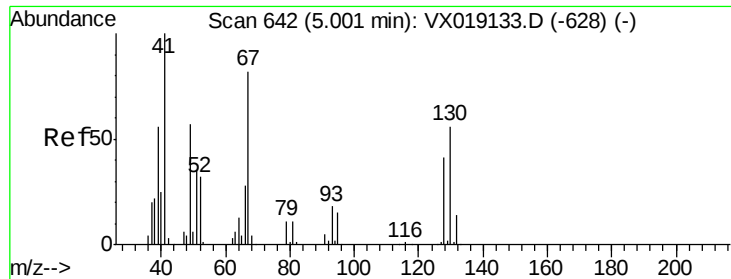
MMDadoda
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#40
Benzene
Concen: 54.700 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion	78	Resp	655416
Ion Ratio	Lower	Upper	
78	100		
77	24.2	18.7	28.1





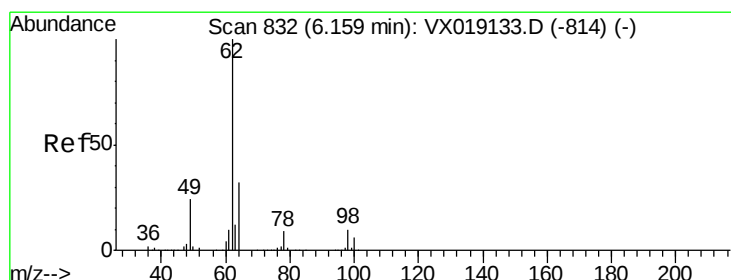
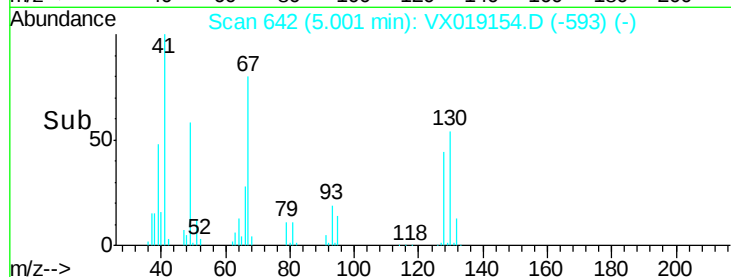
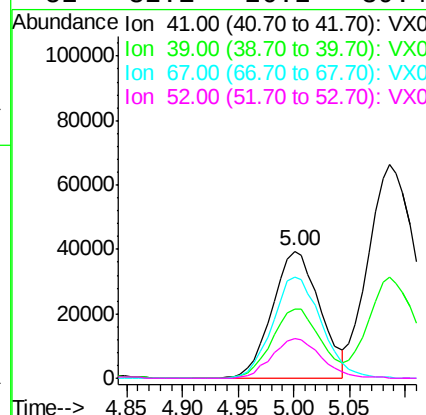
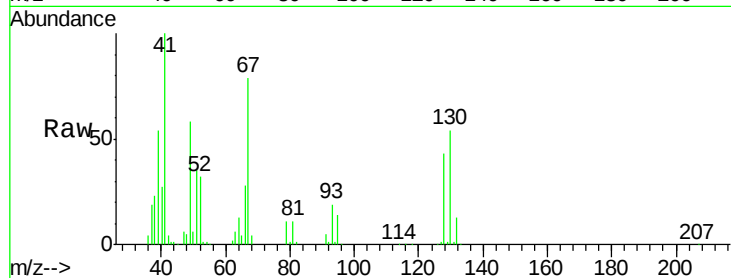
#41
Methacrylonitrile
Concen: 55.362 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.9	44.4	66.6	
67	82.6	66.4	99.6	
52	32.1	26.2	39.4	

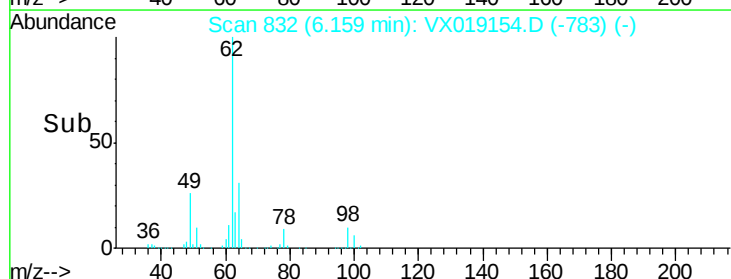
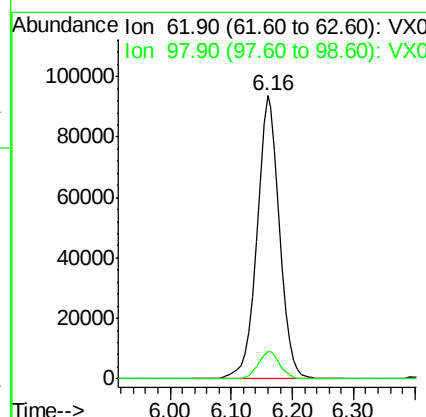
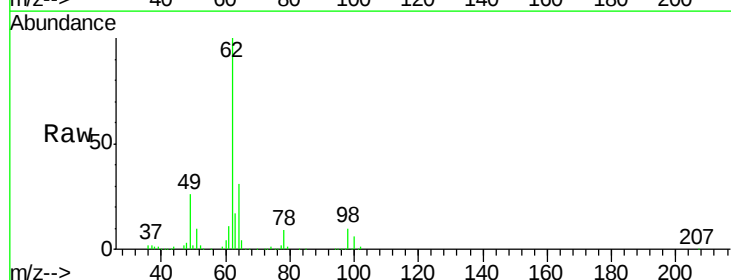
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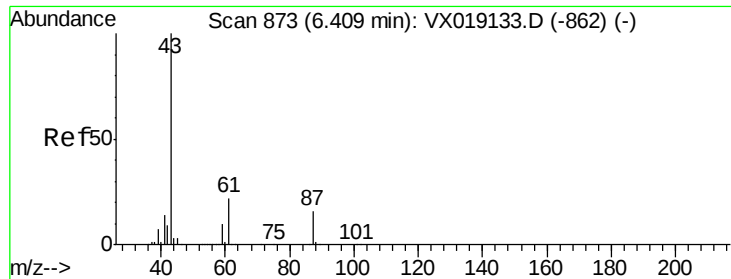
MMDadoda
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#42
1,2-Dichloroethane
Concen: 54.660 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	19.0	





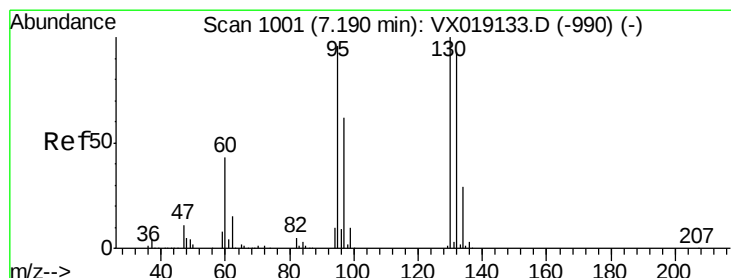
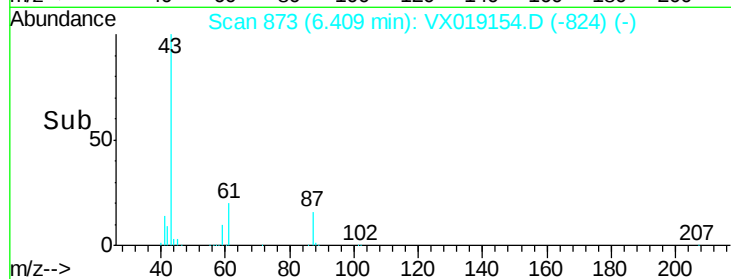
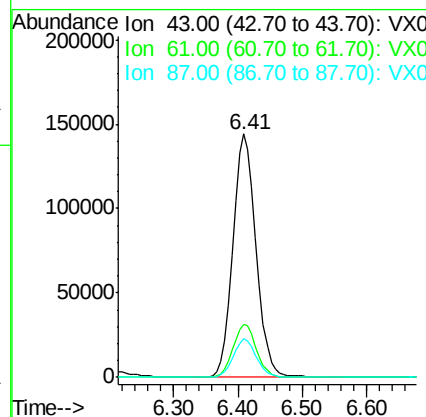
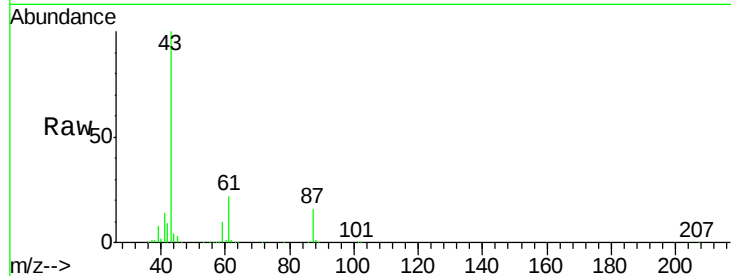
#43
Isopropyl Acetate
Concen: 55.053 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.1	17.8	26.6
87	15.8	12.6	19.0

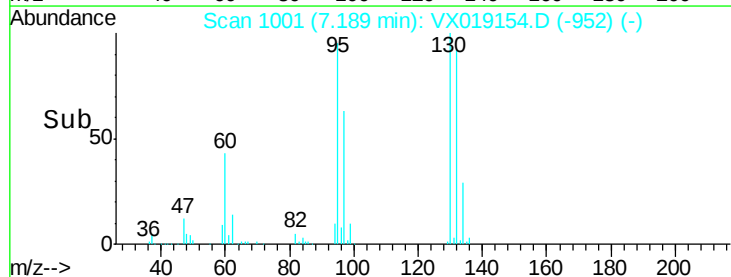
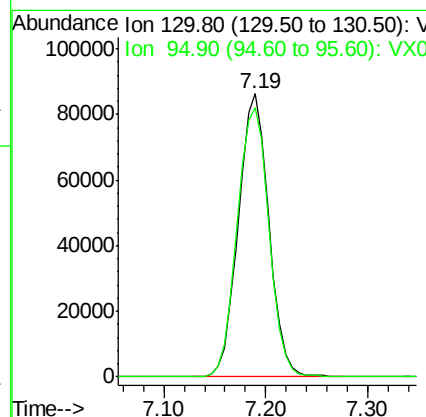
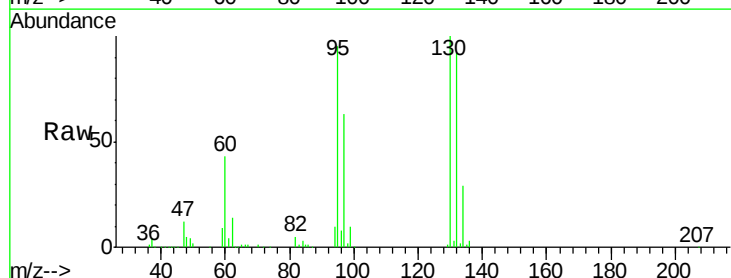
Manual Integrations
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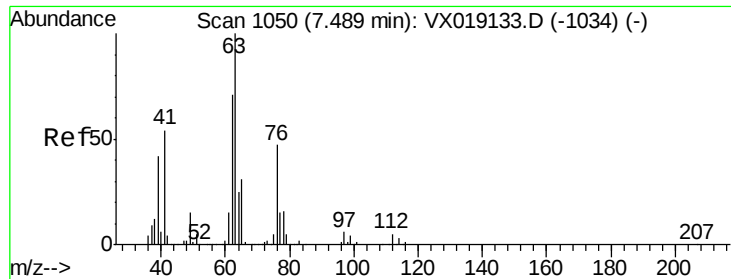
MMDadoda
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#44
Trichloroethene
Concen: 52.149 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	192.0





#45

1,2-Dichloropropane

Concen: 55.700 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 163468

Ion Ratio Lower Upper

63 100

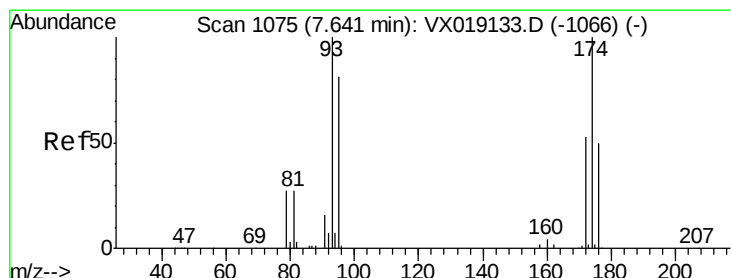
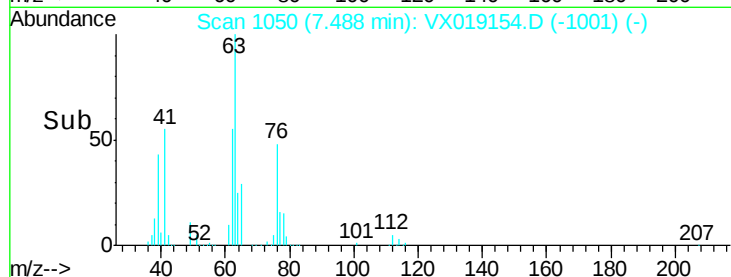
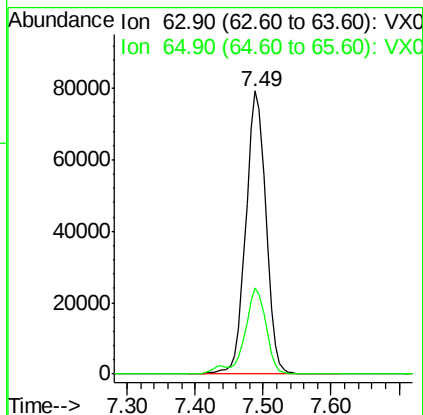
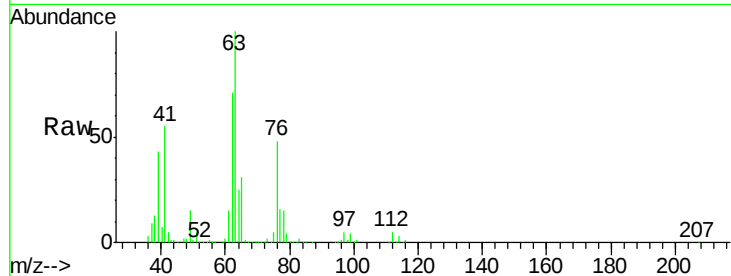
65 30.6 25.2 37.8

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#46

Dibromomethane

Concen: 53.531 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

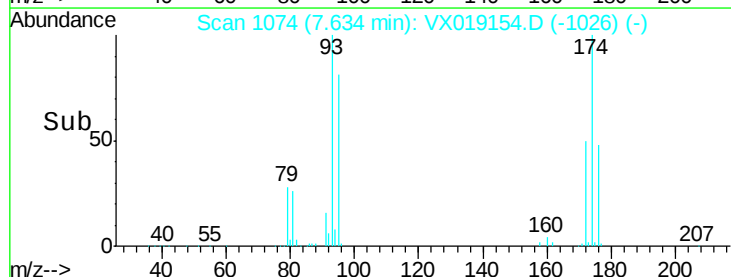
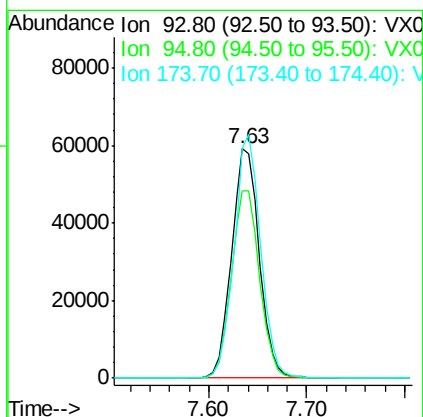
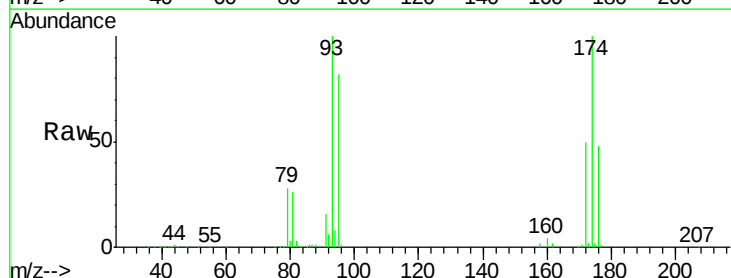
Tgt Ion: 93 Resp: 116172

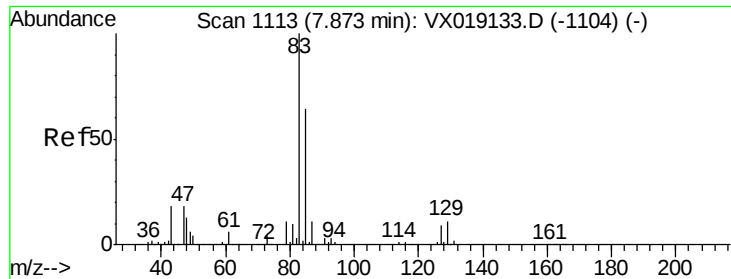
Ion Ratio Lower Upper

93 100

95 83.3 67.0 100.6

174 101.9 81.7 122.5





#47

Bromodichloromethane

Concen: 55.941 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

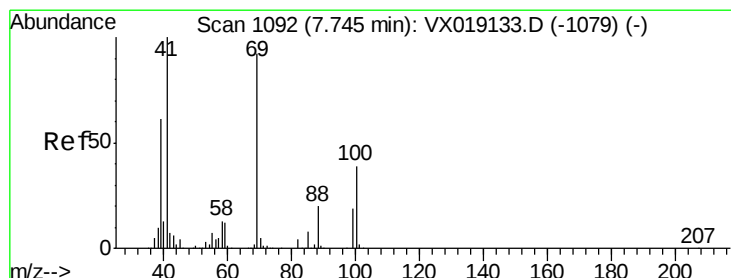
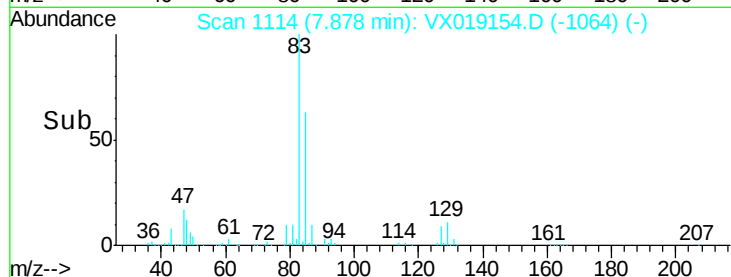
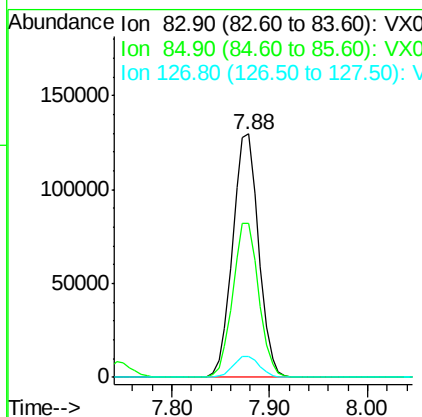
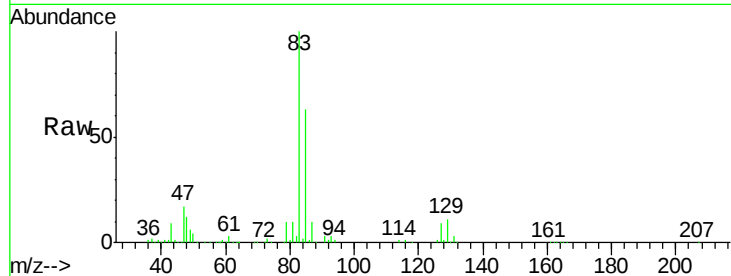
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	239292
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.2	76.8
127	8.8	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 56.480 ug/l

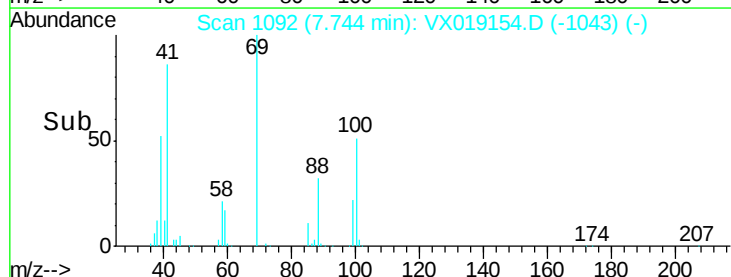
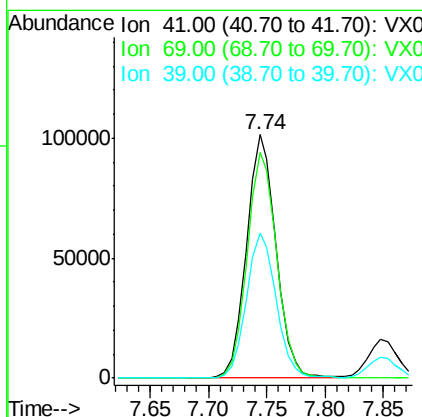
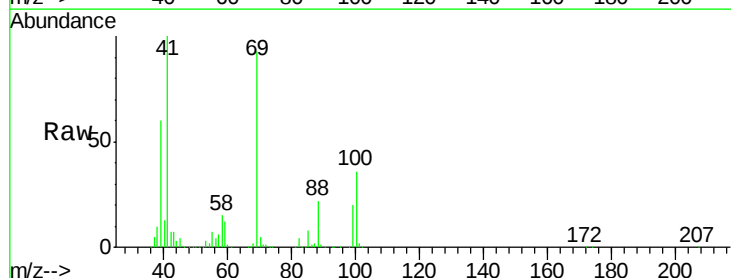
RT: 7.74 min Scan# 1092

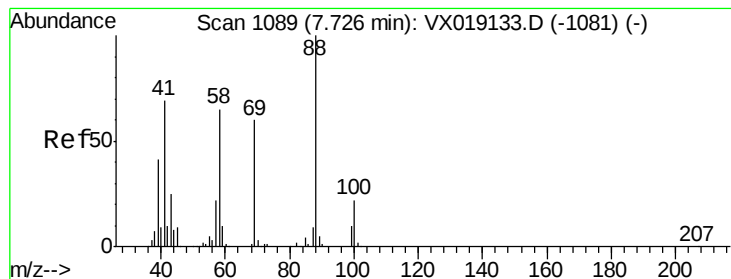
Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Tgt Ion:	41	Resp:	178599
Ion Ratio	Lower	Upper	
41	100		
69	93.7	75.5	113.3
39	60.2	48.9	73.3





#49

1,4-Dioxane

Concen: 1116.231 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

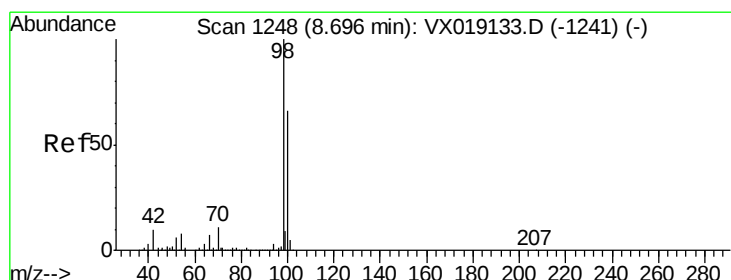
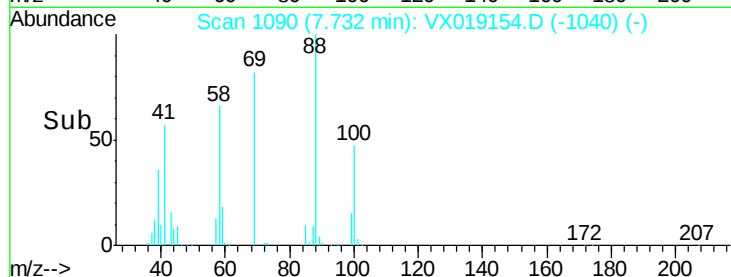
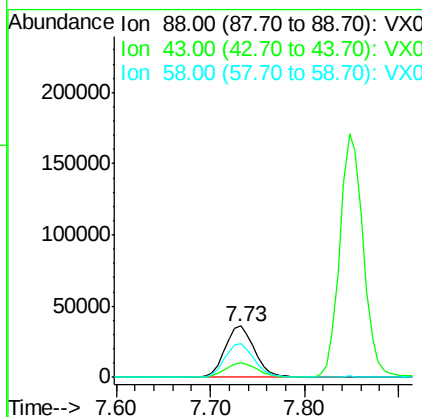
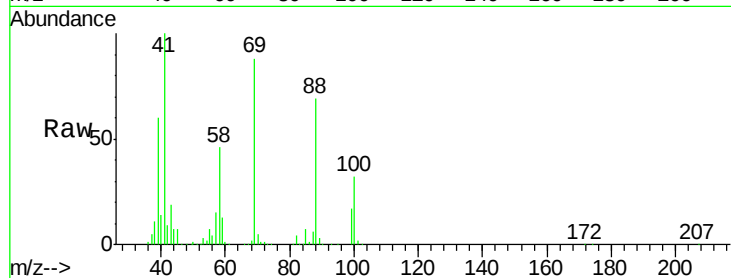
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	78497
Ion Ratio	Lower	Upper	
88	100		
43	29.2	23.0	34.6
58	66.8	52.2	78.2

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#50

Toluene-d8

Concen: 49.537 ug/l

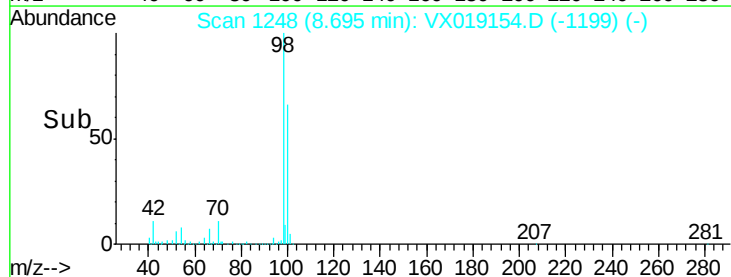
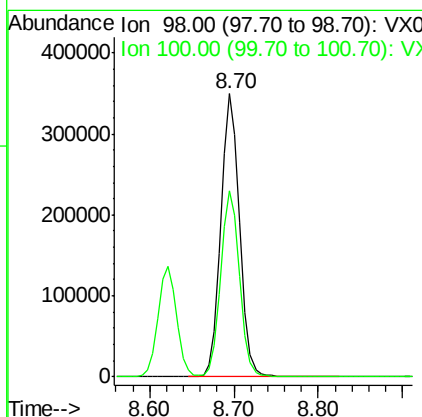
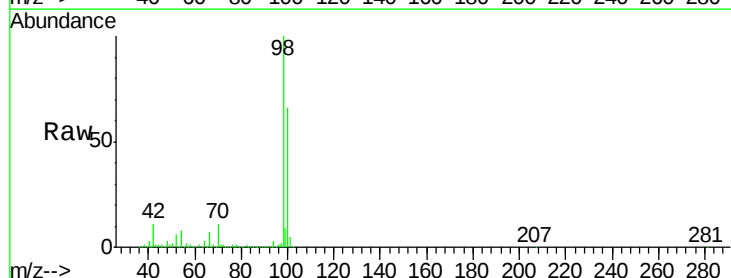
RT: 8.70 min Scan# 1248

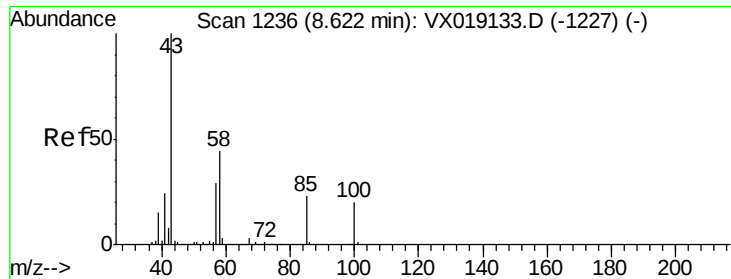
Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Tgt Ion:	98	Resp:	536800
Ion Ratio	Lower	Upper	
98	100		
100	66.4	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 288.533 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1089522

Ion Ratio Lower Upper

43 100

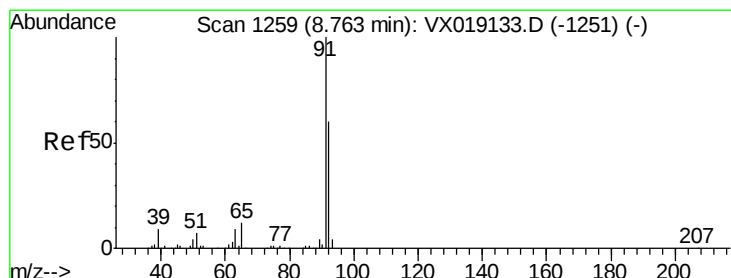
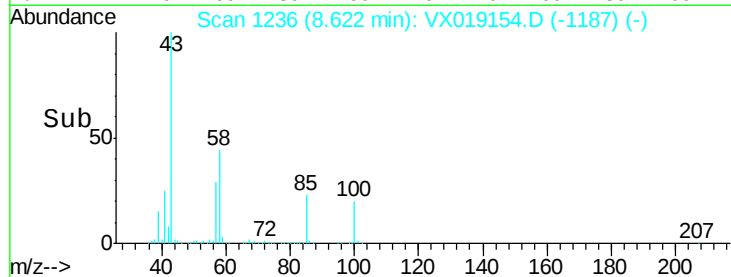
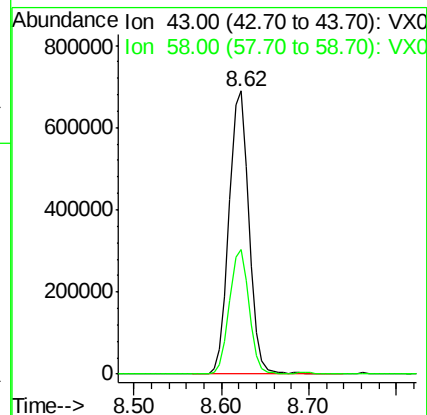
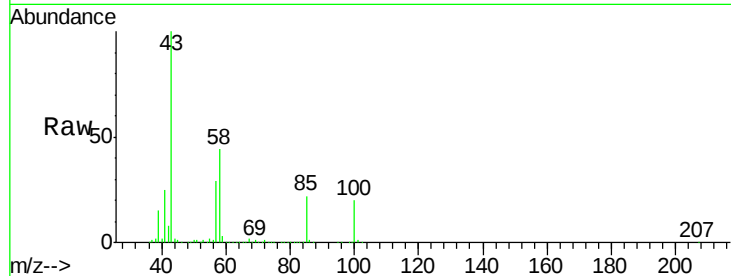
58 43.6 35.0 52.4

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#52

Toluene

Concen: 54.348 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019154.D

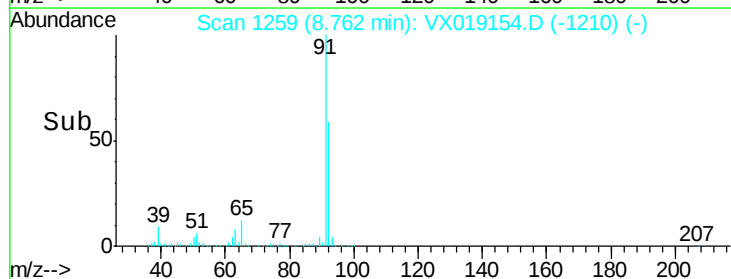
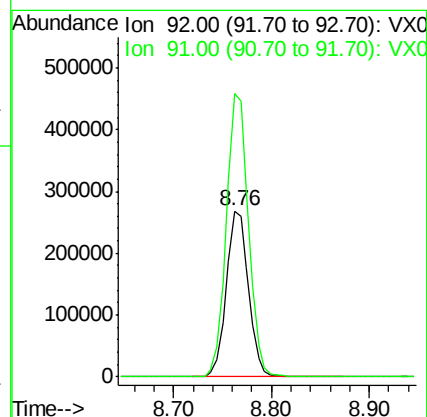
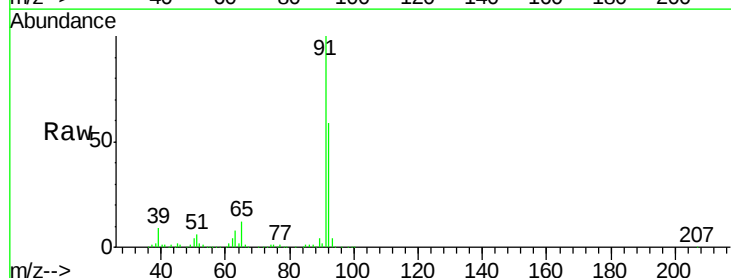
Acq: 27 Oct 2020 22:02

Tgt Ion: 92 Resp: 419408

Ion Ratio Lower Upper

92 100

91 171.6 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 53.608 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 261915

Ion Ratio Lower Upper

75 100

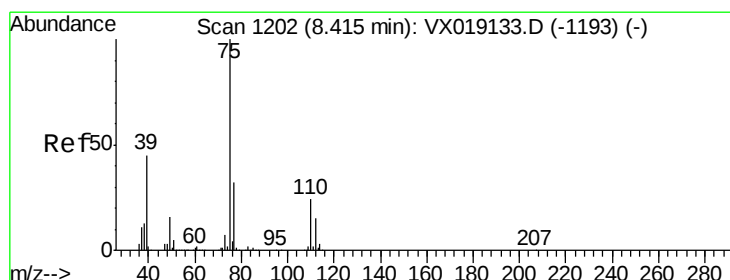
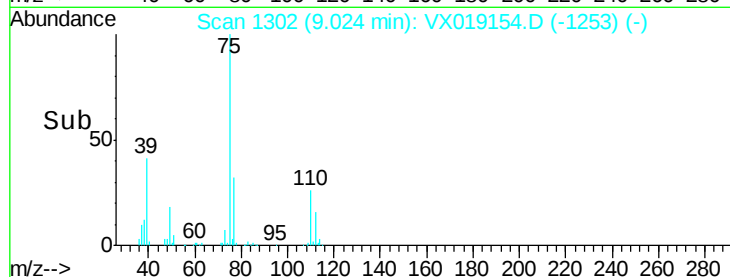
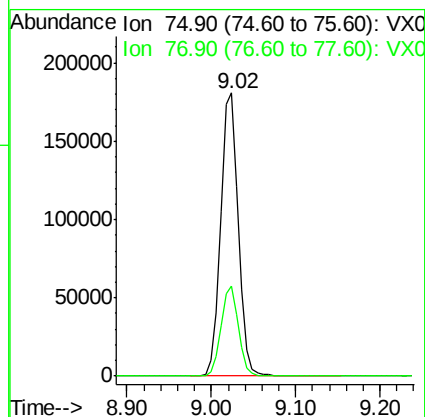
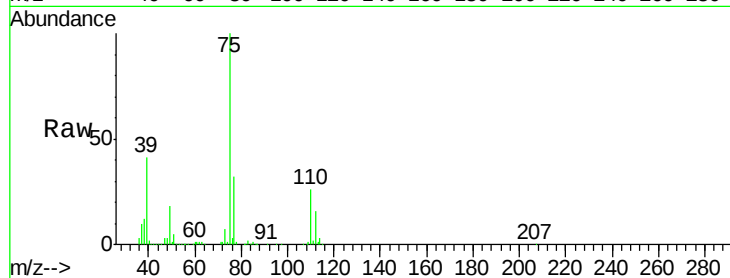
77 31.7 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 54.015 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

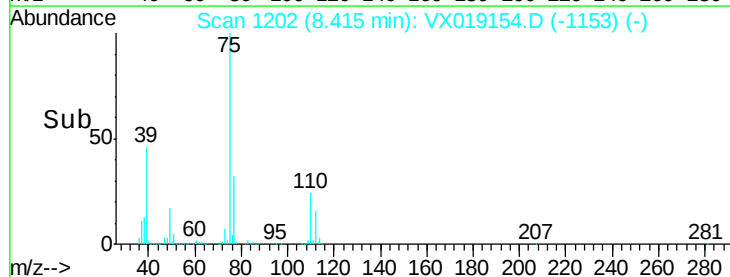
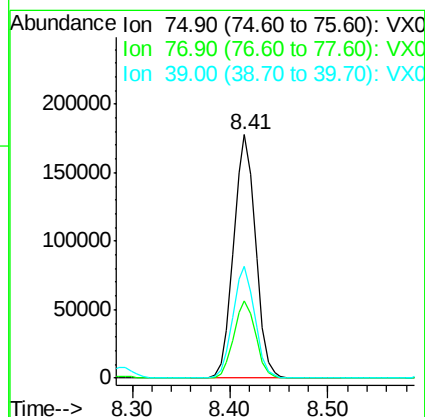
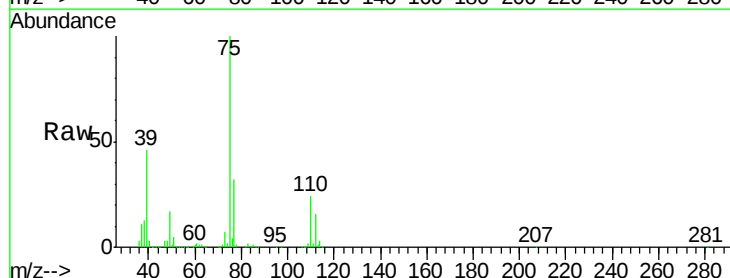
Tgt Ion: 75 Resp: 277510

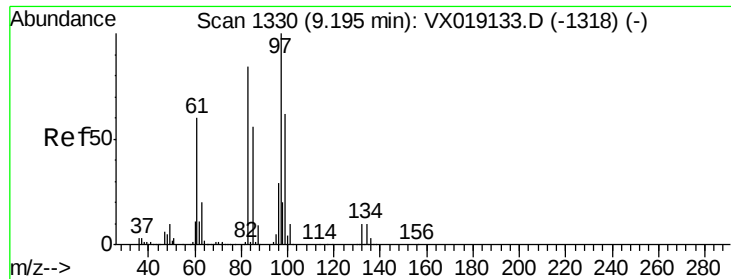
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 45.9 36.2 54.2





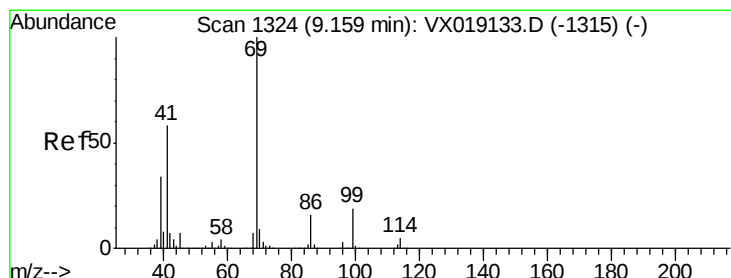
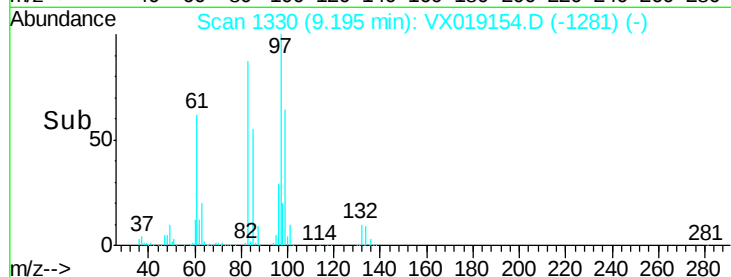
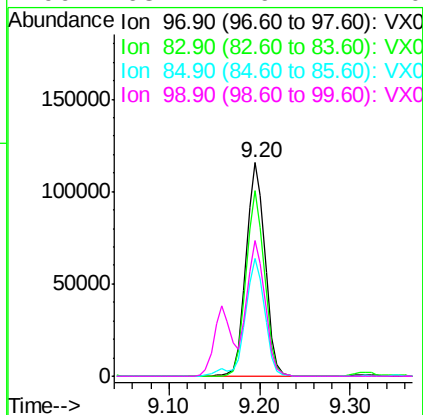
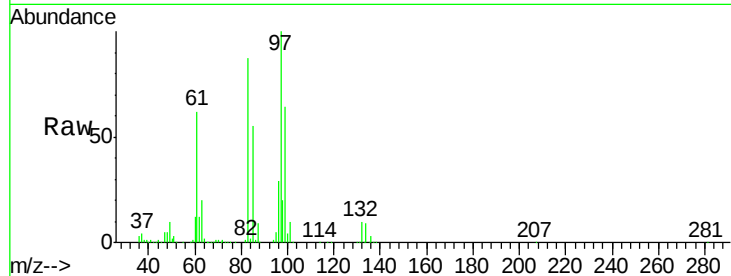
#55
 1,1,2-Trichloroethane
 Concen: 55.244 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	168445
Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.2	100.8
85	55.2	44.6	67.0
99	63.7	49.4	74.0

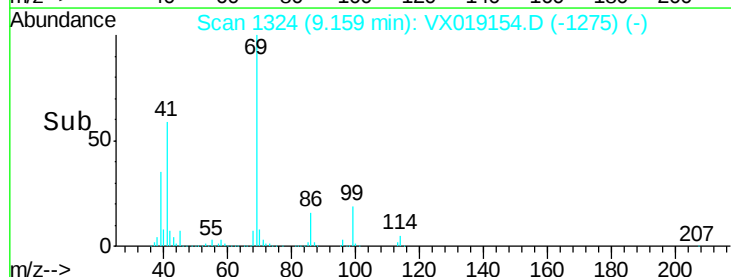
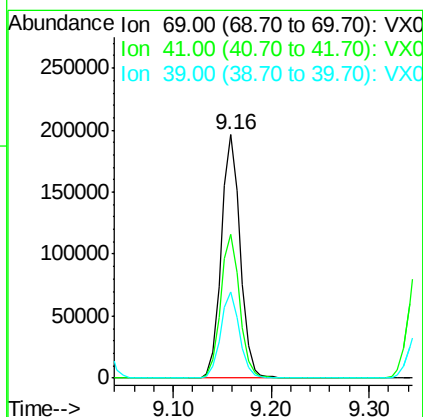
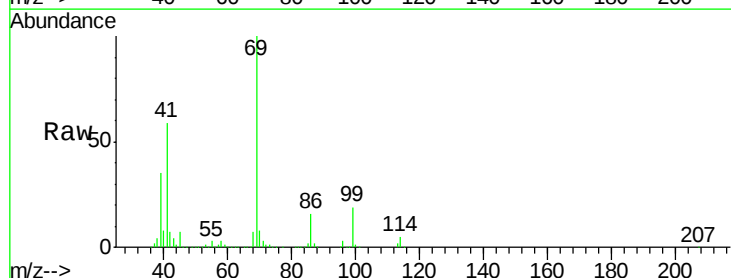
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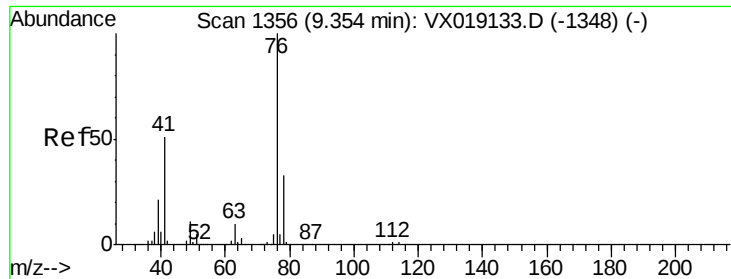
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#56
 Ethyl methacrylate
 Concen: 57.104 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Tgt Ion:	69	Resp:	262997
Ion	Ratio	Lower	Upper
69	100		
41	59.1	46.5	69.7
39	35.0	27.6	41.4





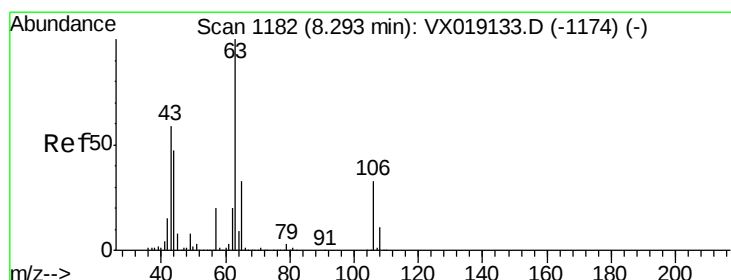
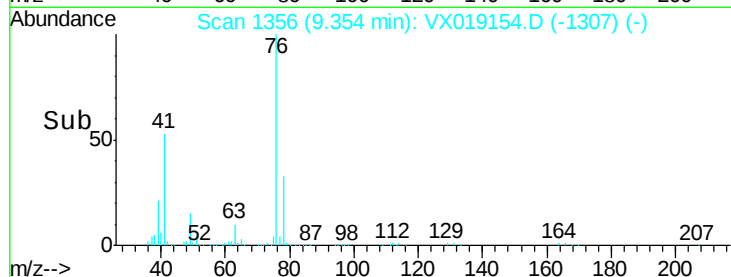
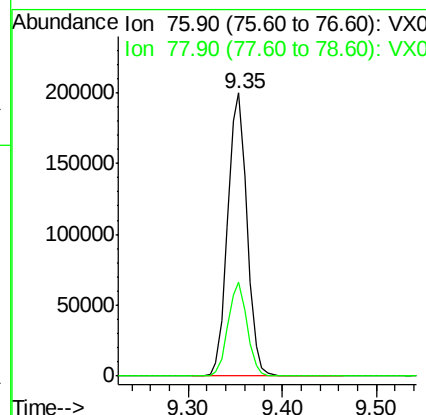
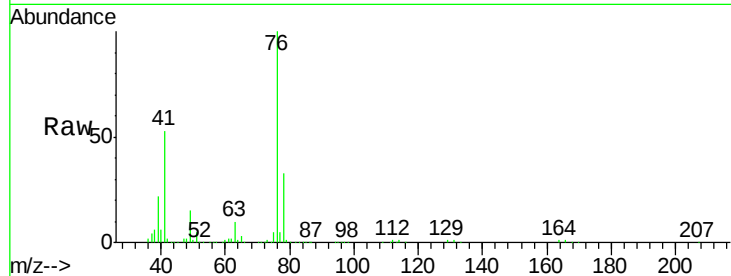
#57
 1,3-Dichloropropane
 Concen: 55.066 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.9	38.9

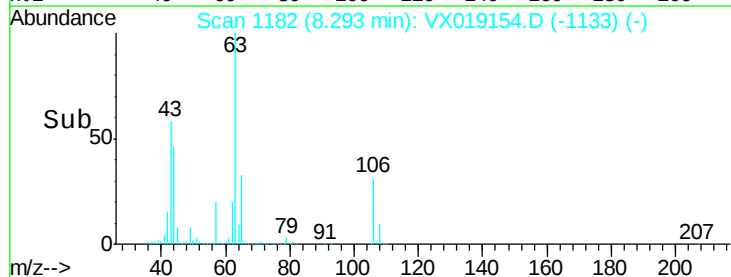
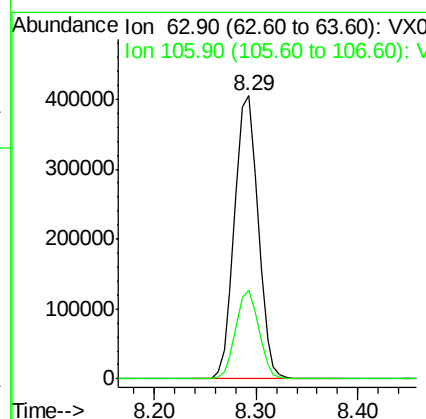
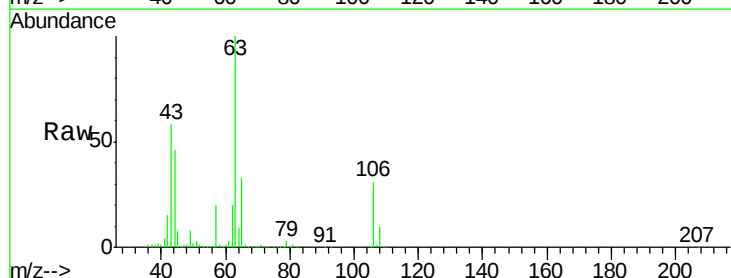
Manual Integrations
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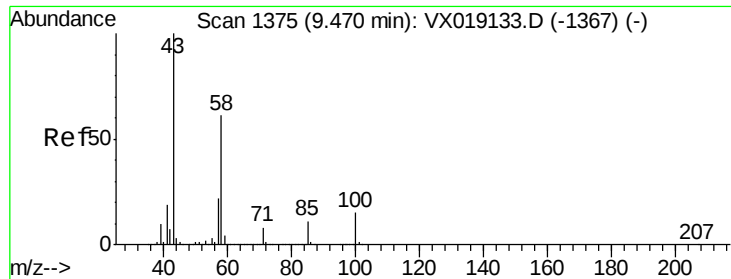
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#58
 2-Chloroethyl Vinyl ether
 Concen: 250.777 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.7	25.1	37.7





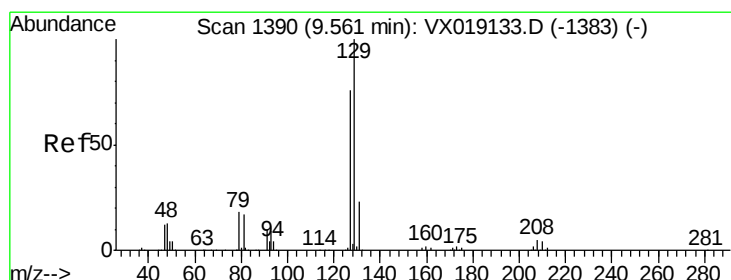
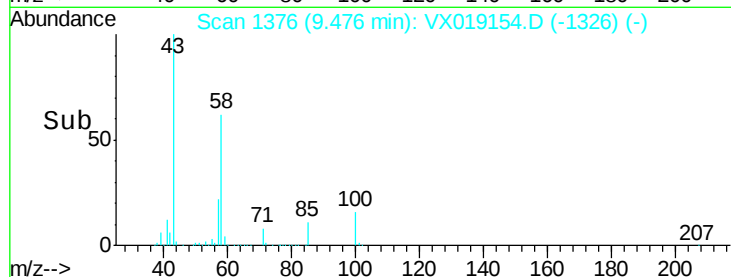
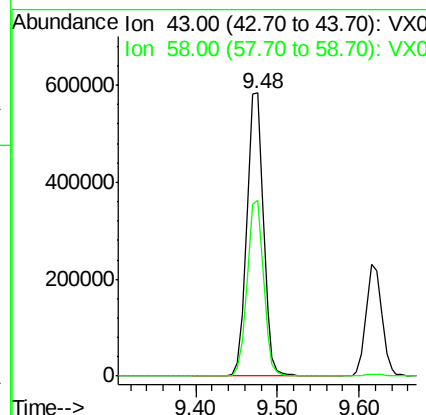
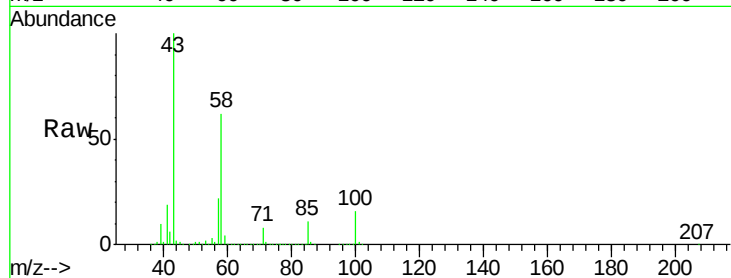
#59
2-Hexanone
Concen: 283.391 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
58	61.4		30.5	91.5

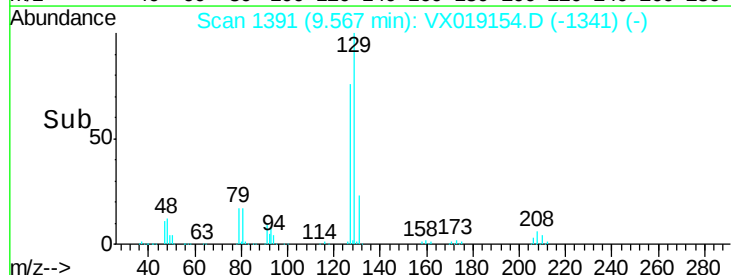
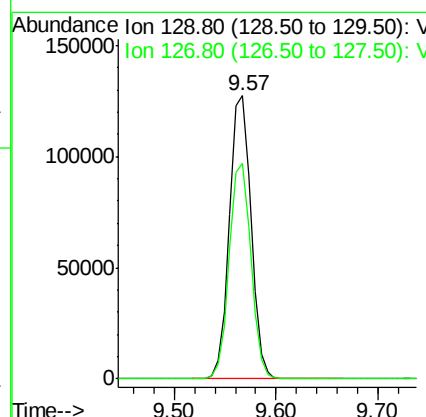
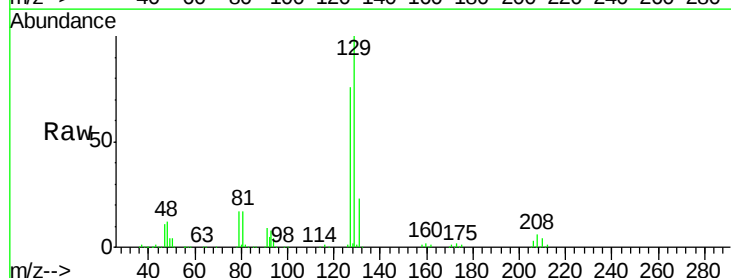
Manual Integrations
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#60
Dibromochloromethane
Concen: 56.609 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
129	100			
127	76.5		38.6	115.8





#61

1,2-Dibromoethane

Concen: 55.551 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 181130

Ion Ratio Lower Upper

107 100

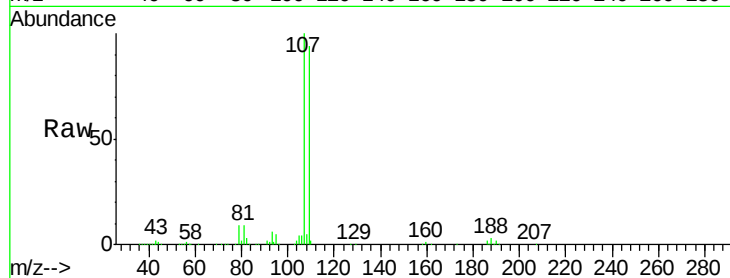
109 93.6 75.9 113.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

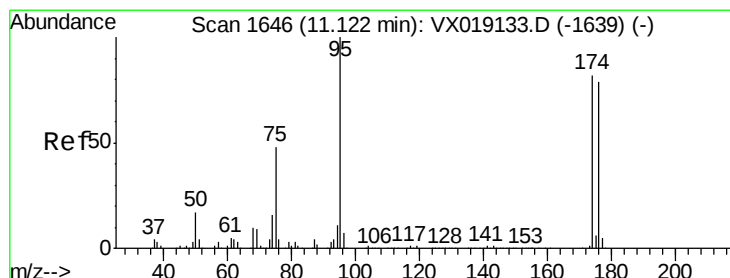
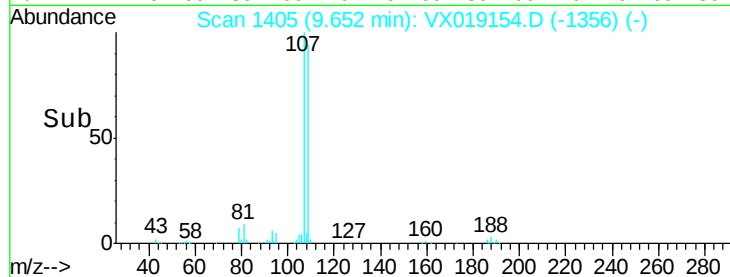
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.396 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

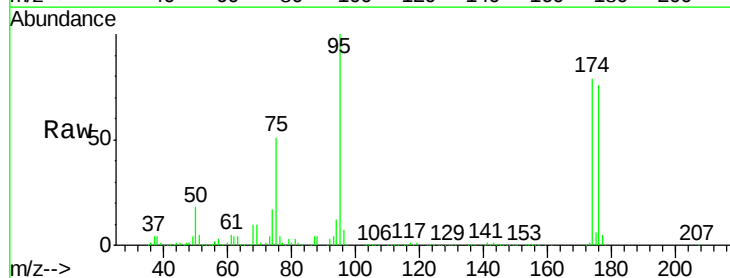
Tgt Ion: 95 Resp: 202709

Ion Ratio Lower Upper

95 100

174 78.6 0.0 156.0

176 74.6 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

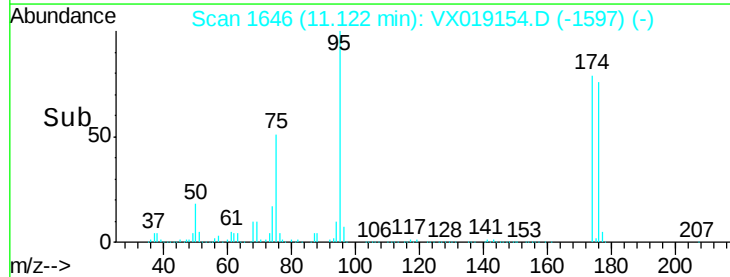
150000

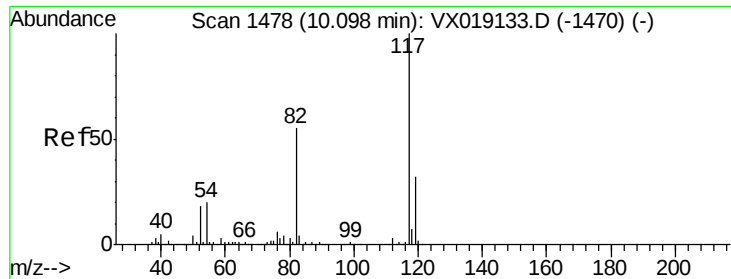
100000

50000

0

Time--> 11.10 11.20





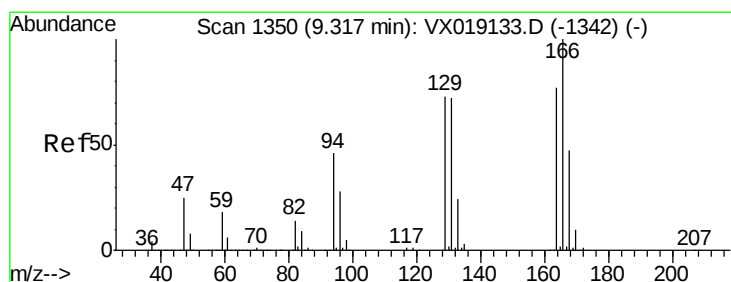
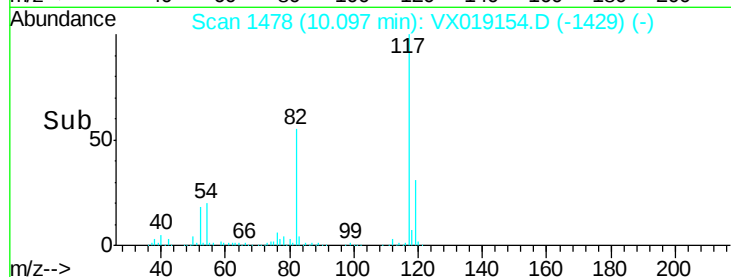
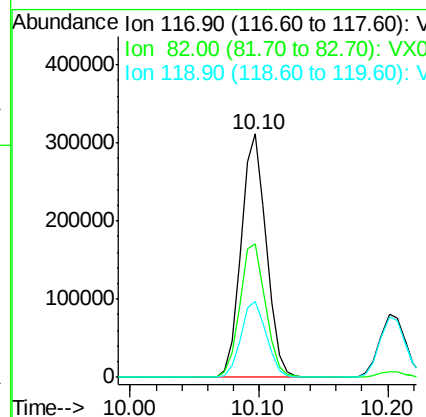
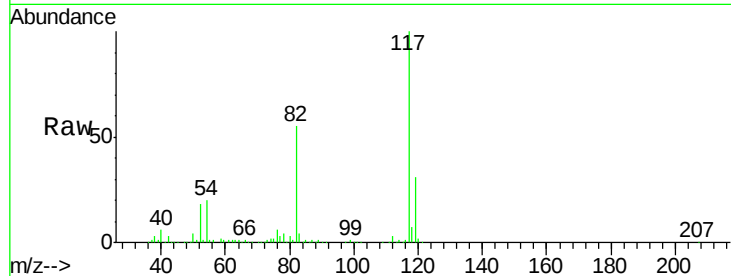
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	420839		
82	55.0	43.6	65.4	
119	31.3	25.5	38.3	

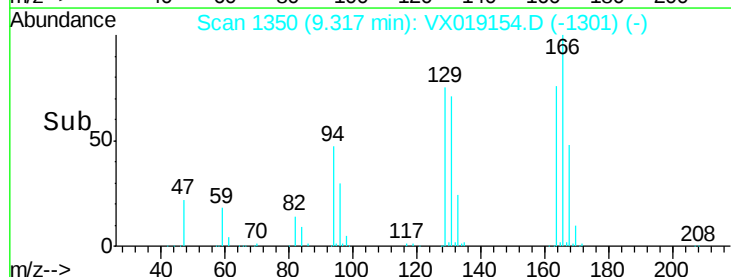
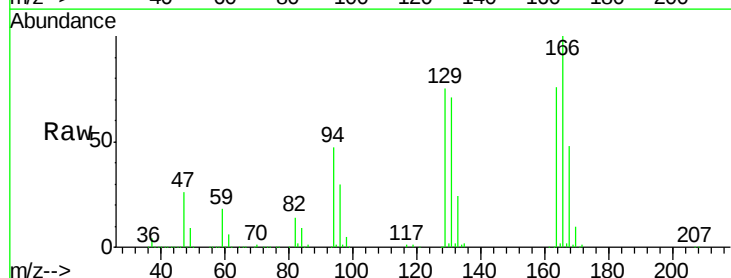
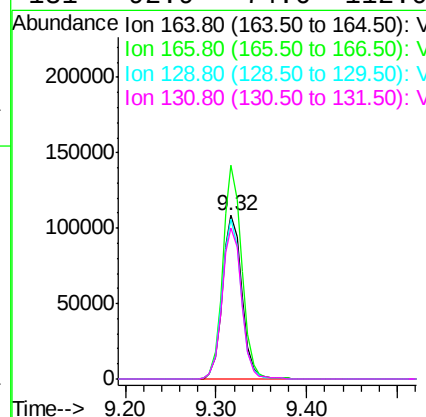
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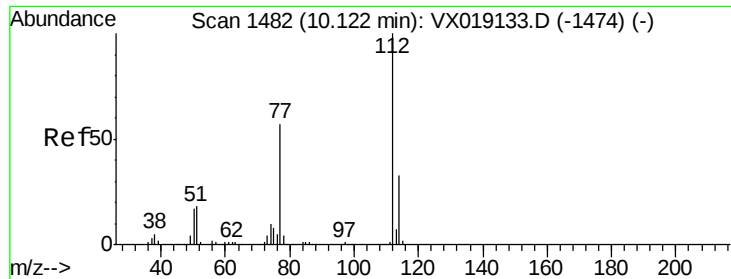
MMDadoda
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#64
Tetrachloroethene
Concen: 50.453 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	161770		
166	130.8	104.1	156.1	
129	98.1	76.2	114.4	
131	92.9	74.6	112.0	





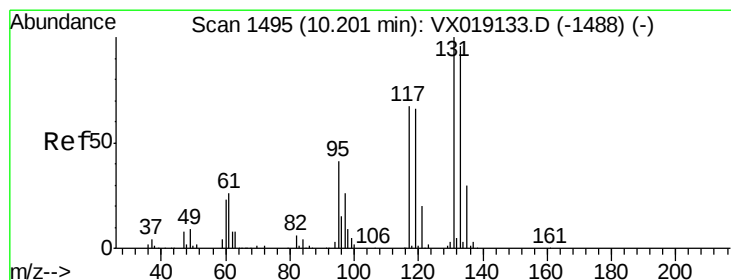
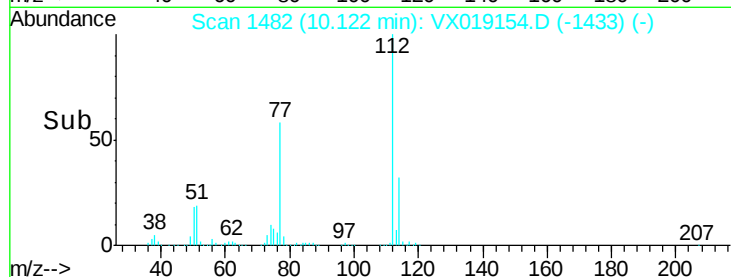
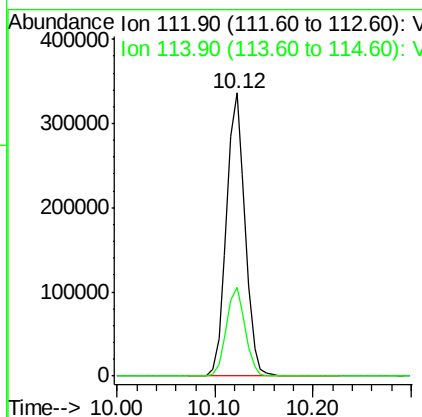
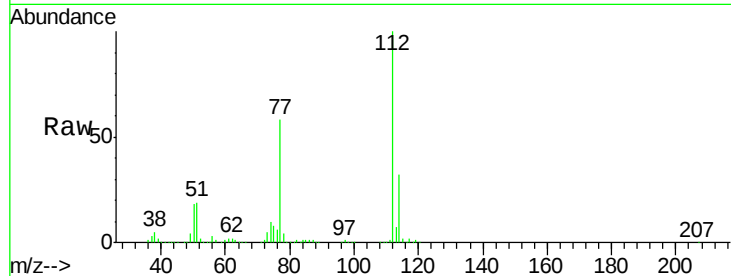
#65
Chlorobenzene
Concen: 51.583 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	26.1	39.1

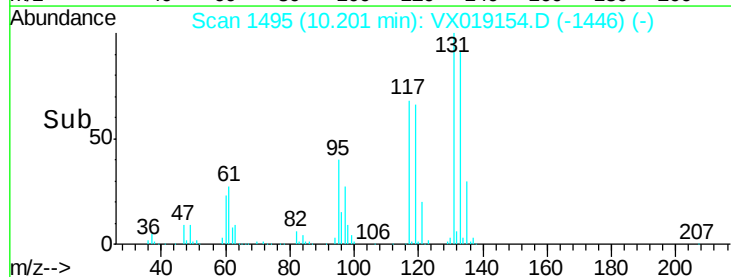
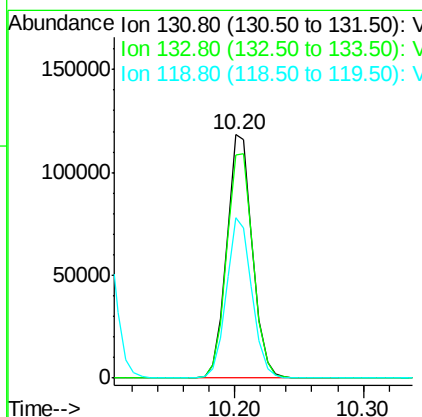
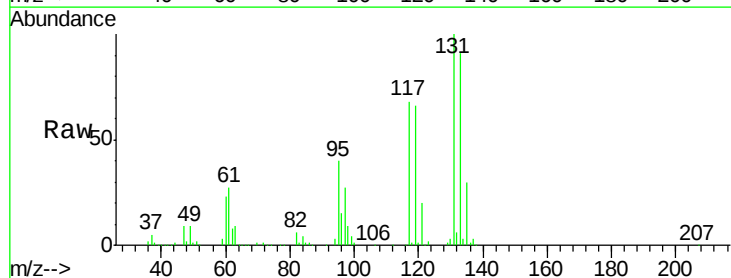
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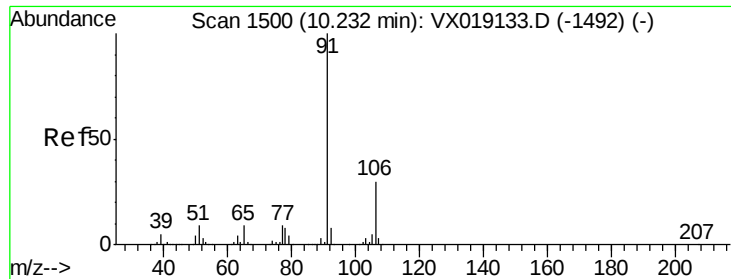
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.389 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.3	141.8
119	65.3	32.3	96.9





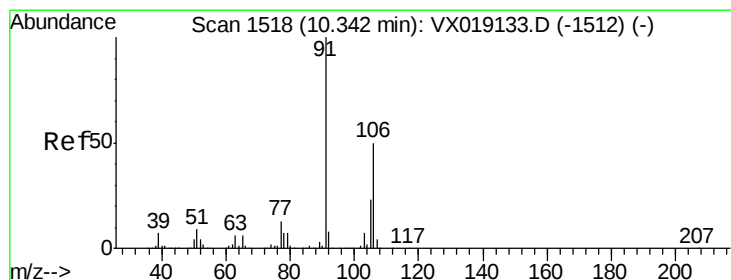
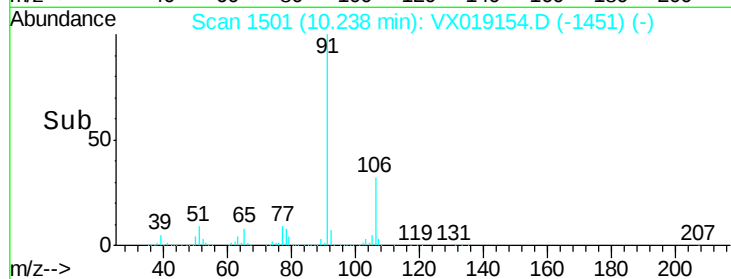
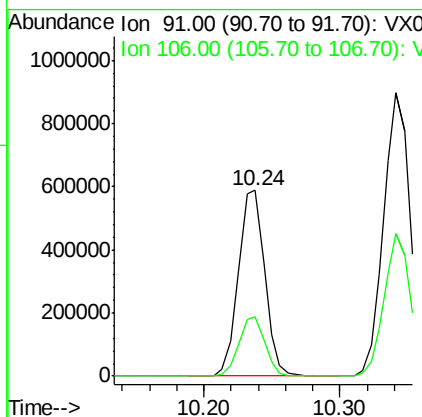
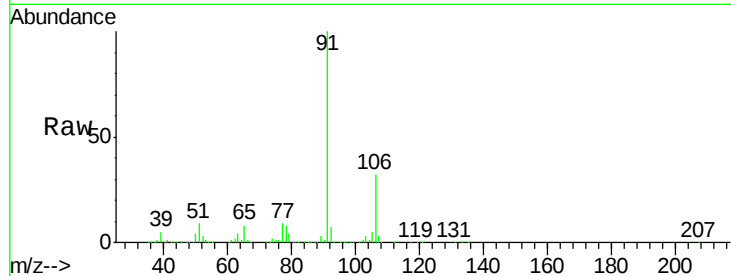
#67
Ethyl Benzene
Concen: 52.148 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 799280
Ion Ratio Lower Upper
91 100
106 31.7 24.3 36.5

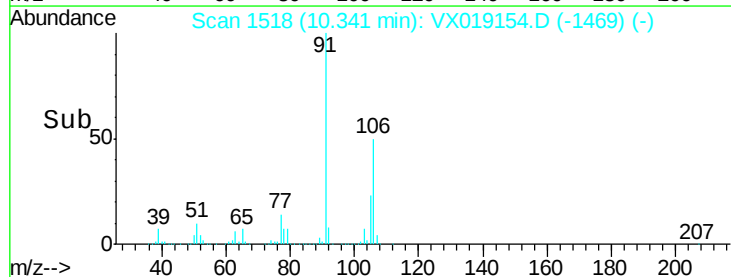
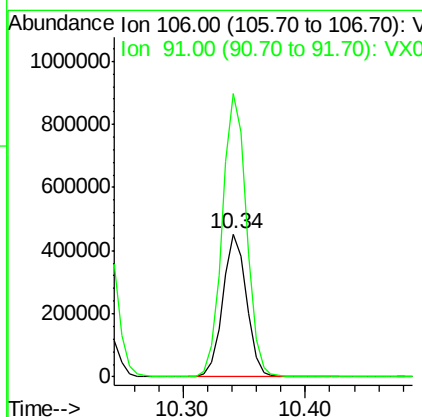
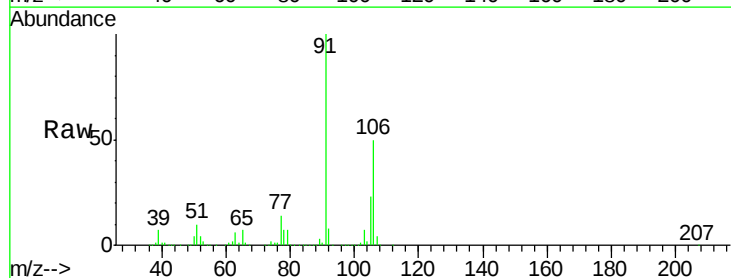
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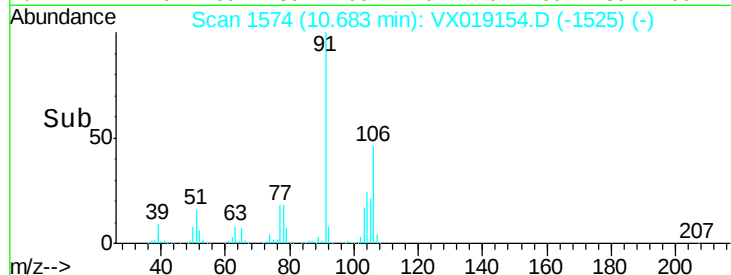
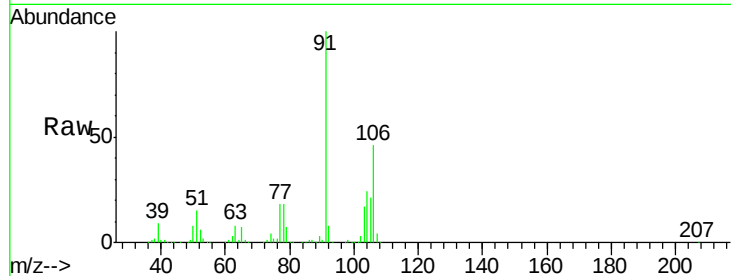
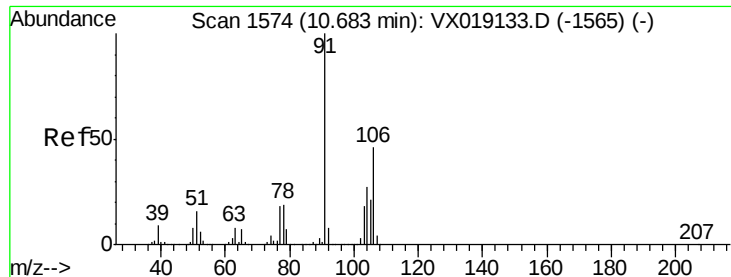
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#68
m/p-Xylenes
Concen: 105.437 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion: 106 Resp: 606531
Ion Ratio Lower Upper
106 100
91 202.4 161.0 241.4





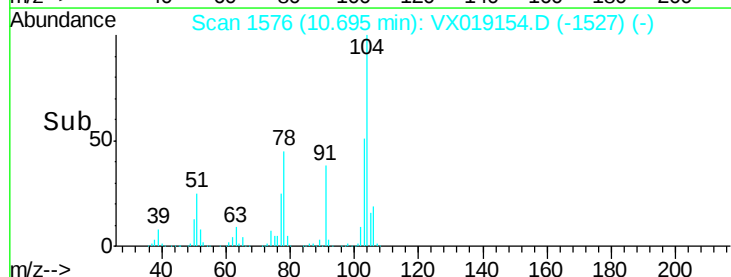
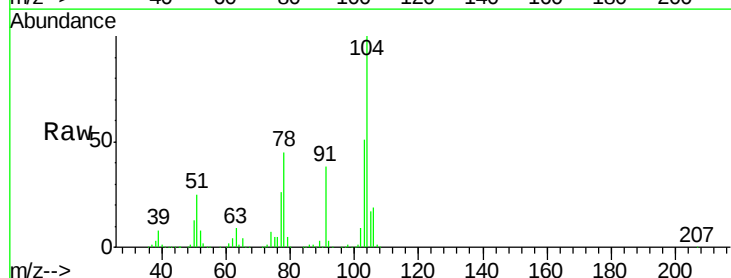
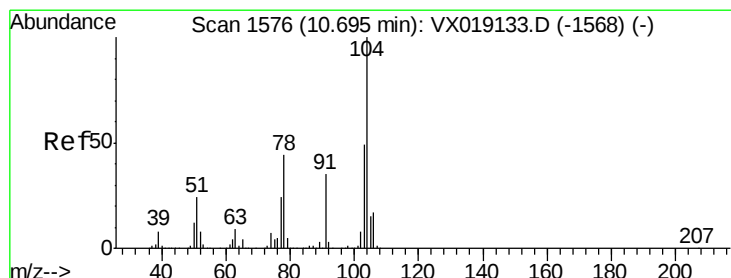
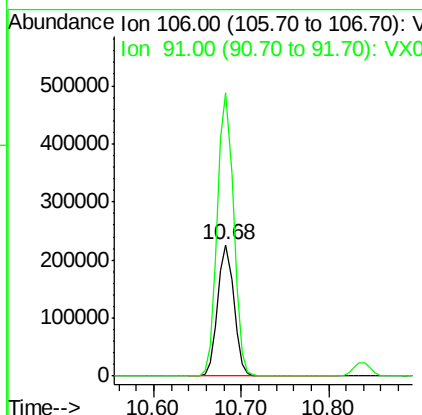
#69
o-Xylene
Concen: 52.953 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		288926		
91	216.5	108.3	324.8		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

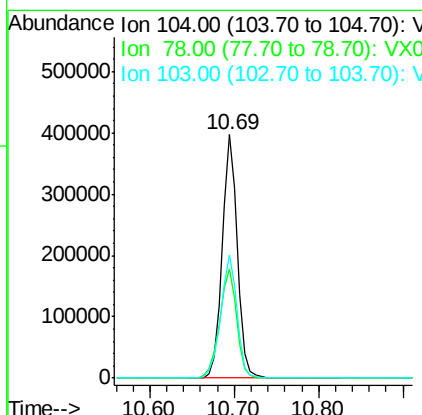
Manual Integrations
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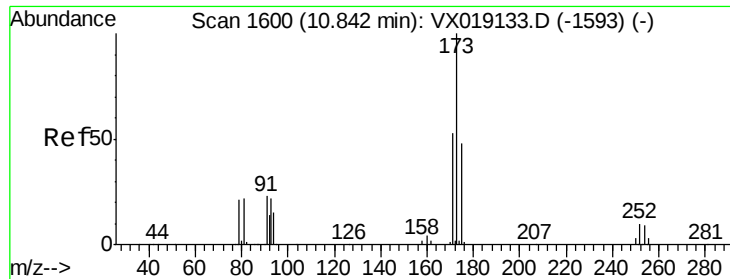
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#70
Styrene
Concen: 52.996 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		493379		
78	50.7	40.0	60.0		
103	54.6	43.5	65.3		





#71

Bromoform

Concen: 53.747 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

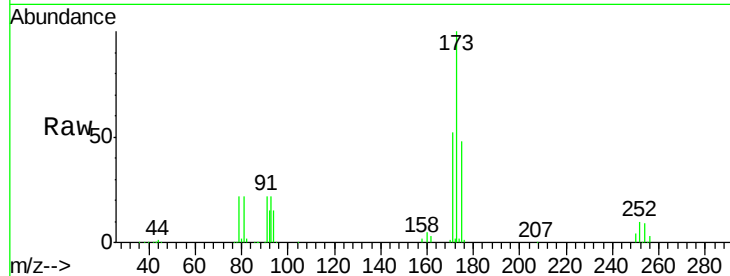
ClientSampleId :

VSTDCCC050EC

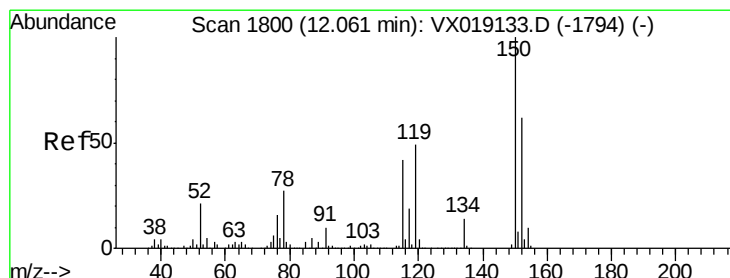
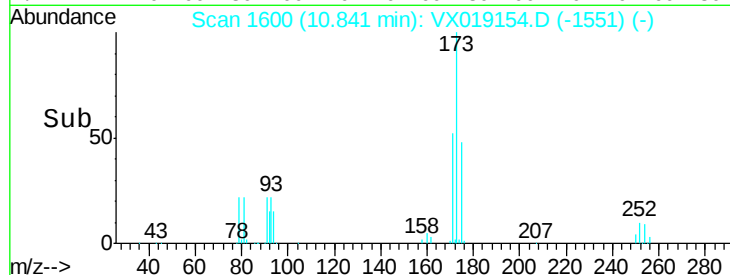
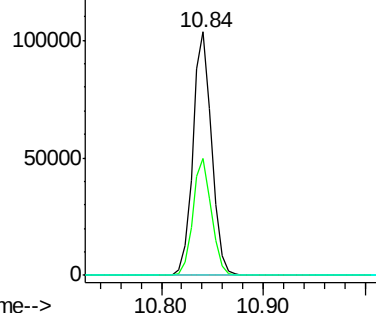
Tot Ion:	173	Resp:	131958
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.4	73.4
254	0.1	0.1	0.1

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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

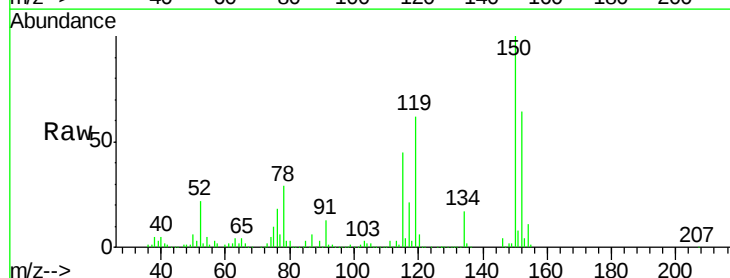
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

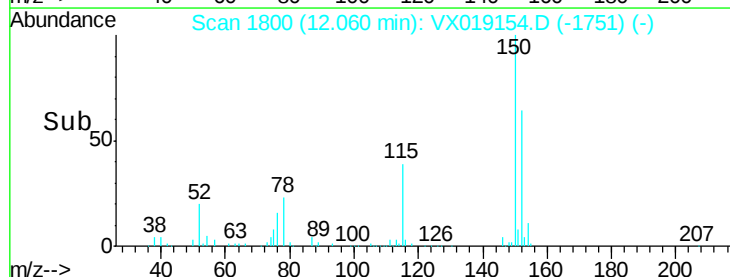
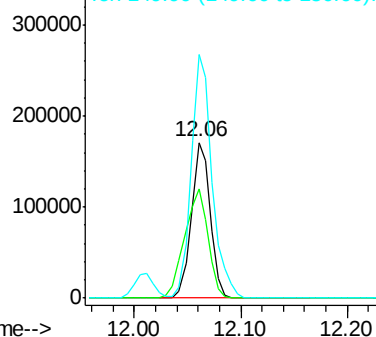
Lab File: VX019154.D

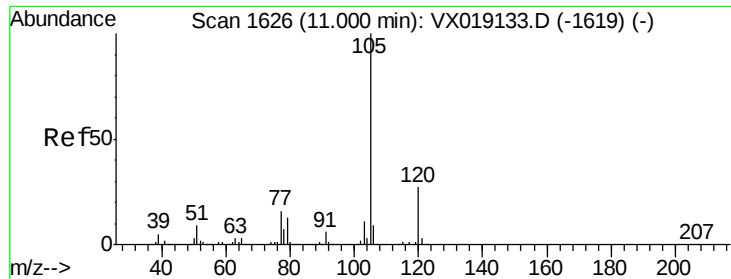
Acq: 27 Oct 2020 22:02

Tgt Ion:	152	Resp:	209713
Ion Ratio	Lower	Upper	
152	100		
115	85.6	41.9	125.7
150	173.9	0.0	347.8



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: 52.418 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 778128

Ion Ratio Lower Upper

105 100

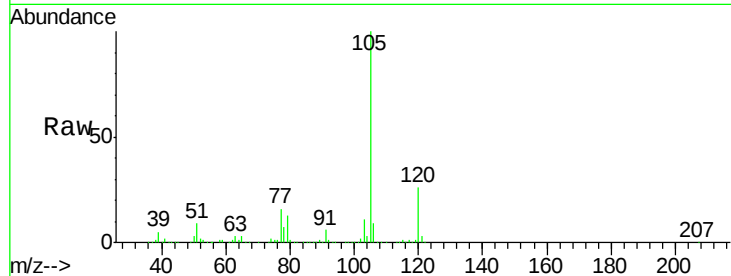
120 26.2 13.3 39.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

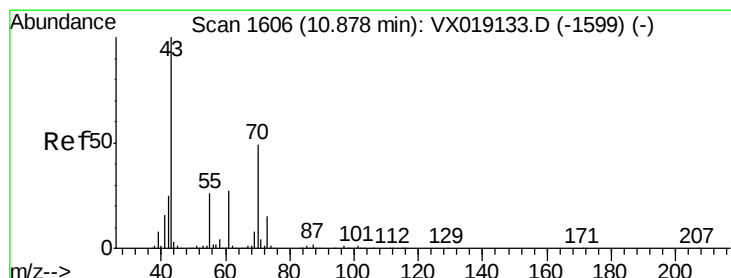
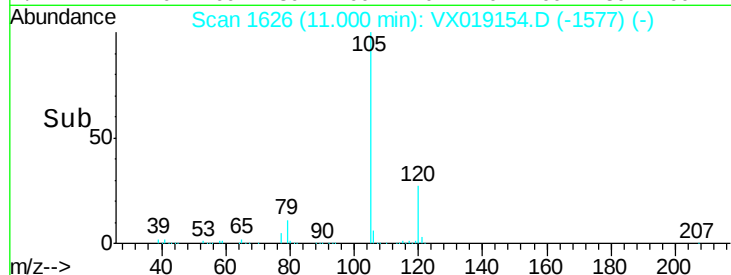
11.00

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 55.445 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Tgt Ion: 43 Resp: 300936

Ion Ratio Lower Upper

43 100

70 49.4 39.6 59.4

55 25.9 20.7 31.1

61 27.0 21.9 32.9

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

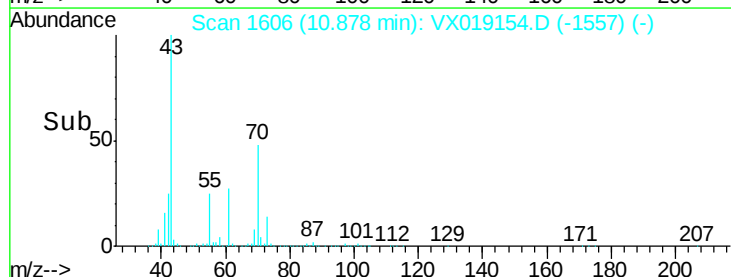
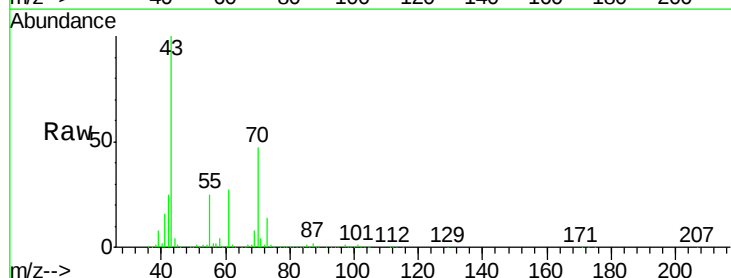
10.88

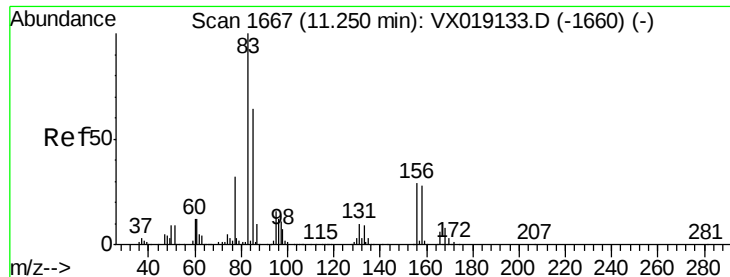
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 54.489 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

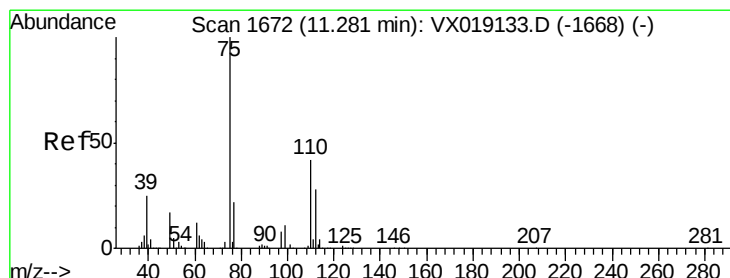
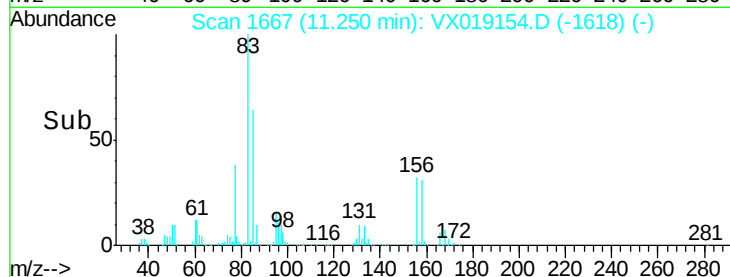
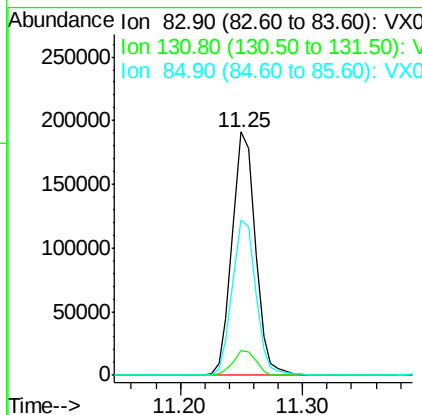
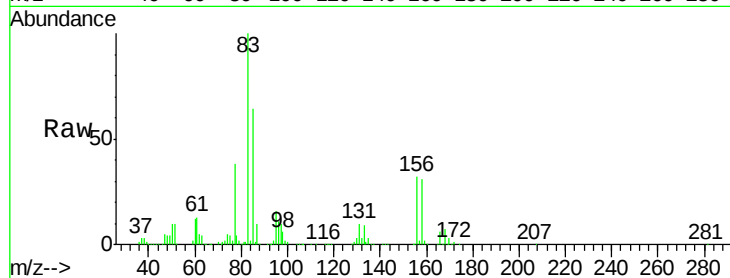
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	252790
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.2	15.6
85	64.7	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.068 ug/l m

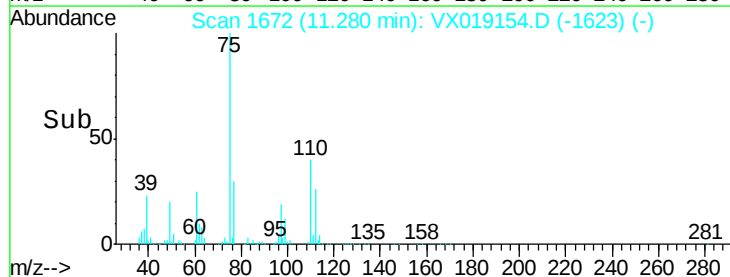
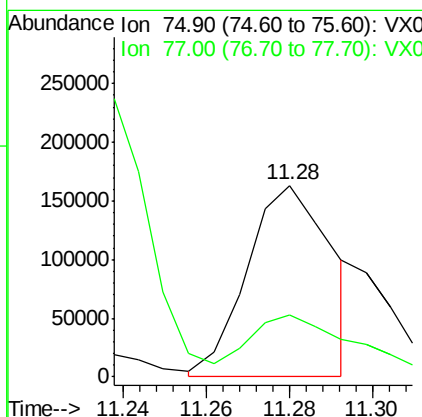
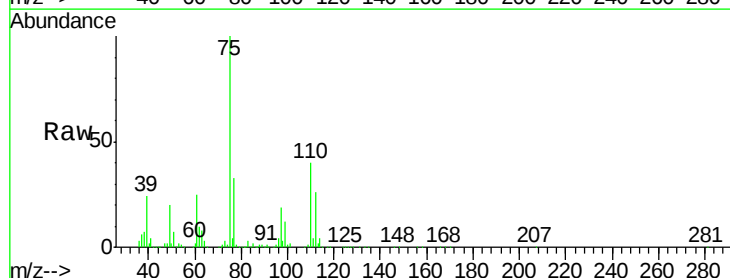
RT: 11.28 min Scan# 1672

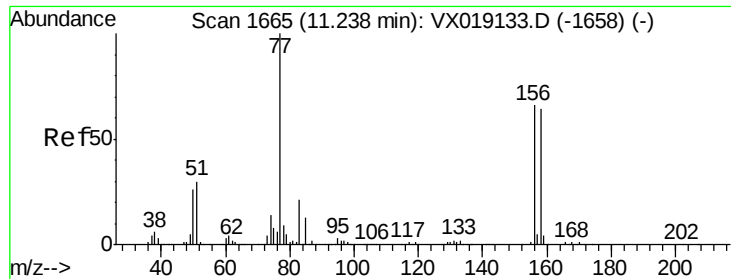
Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Tgt Ion:	75	Resp:	229791
Ion Ratio	Lower	Upper	
75	100		
77	40.8	20.3	60.9





#77

Bromobenzene

Concen: 51.202 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 188638

Ion Ratio Lower Upper

156 100

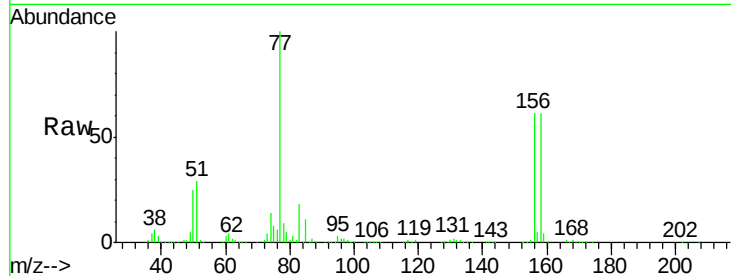
77 162.8 77.7 233.1

158 98.2 48.3 144.8

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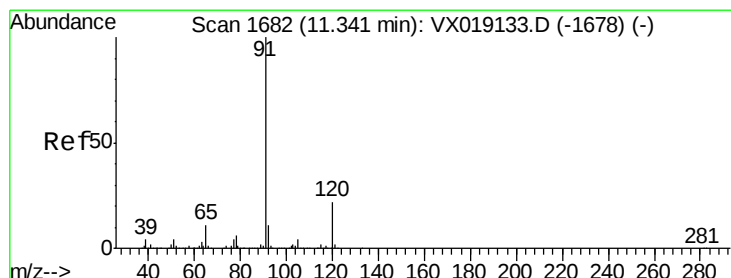
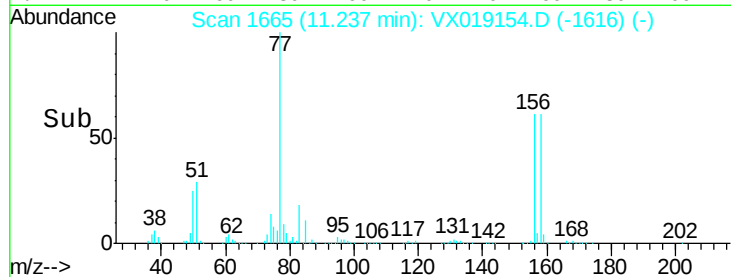
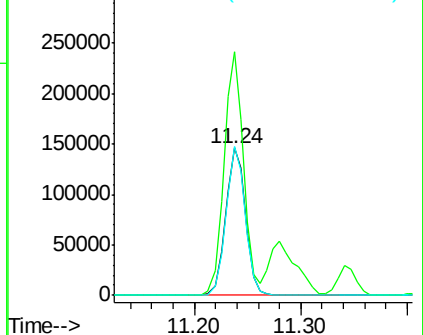
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.692 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019154.D

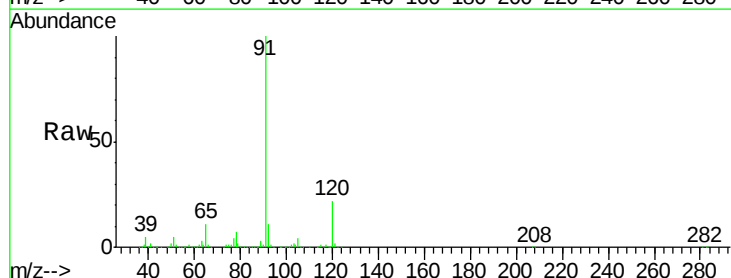
Acq: 27 Oct 2020 22:02

Tgt Ion: 91 Resp: 875958

Ion Ratio Lower Upper

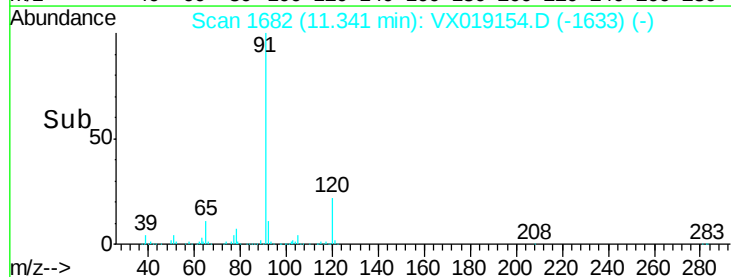
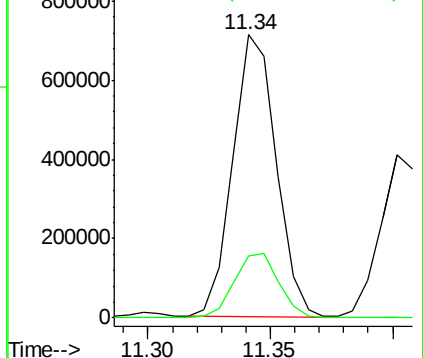
91 100

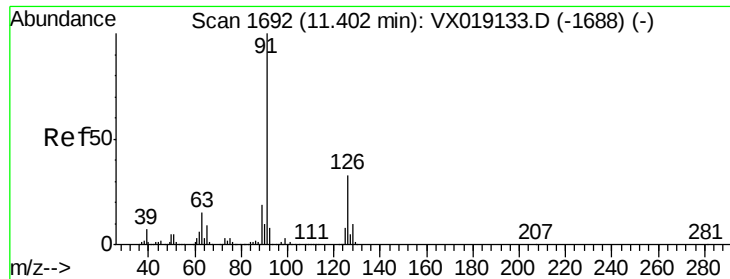
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





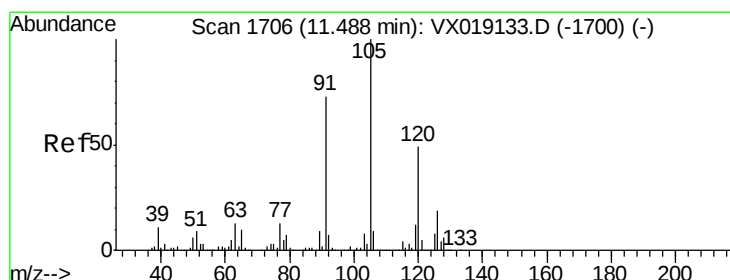
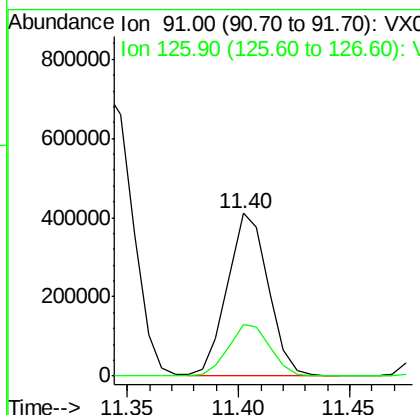
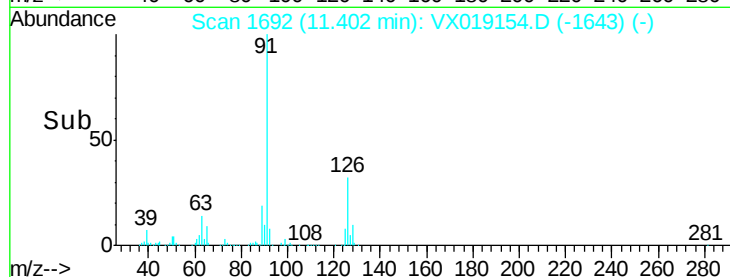
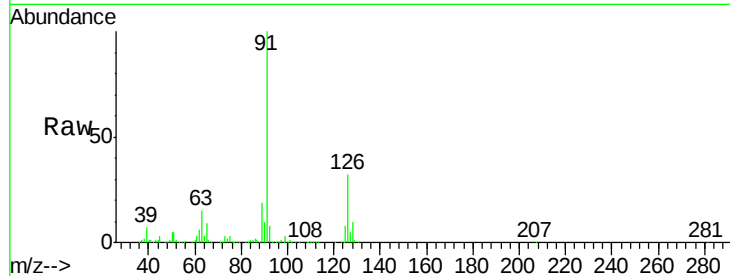
#79
 2-Chlorotoluene
 Concen: 52.448 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 523249
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.9 50.7

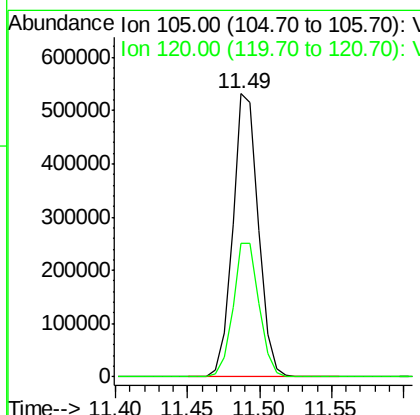
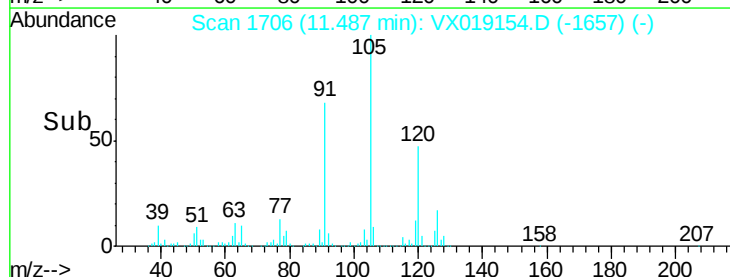
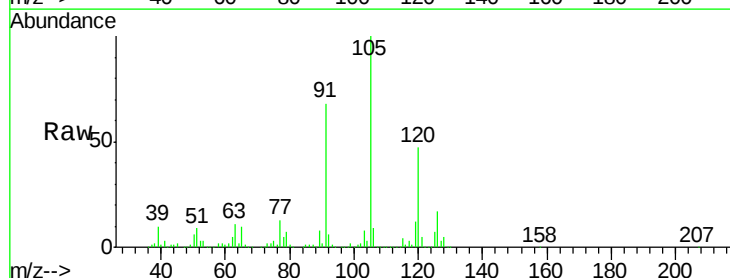
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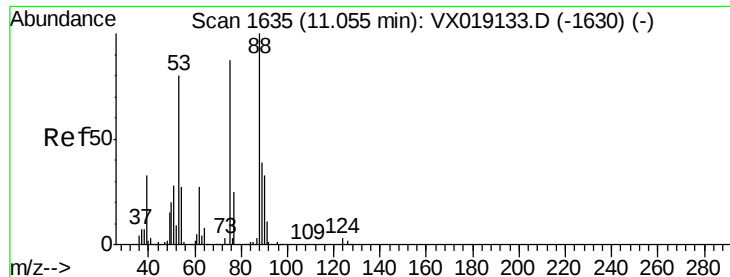
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.727 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Tgt Ion: 105 Resp: 661234
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.8





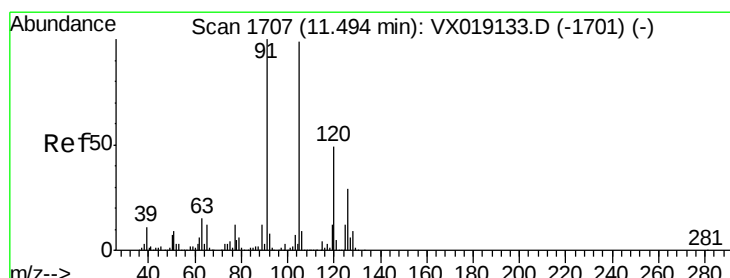
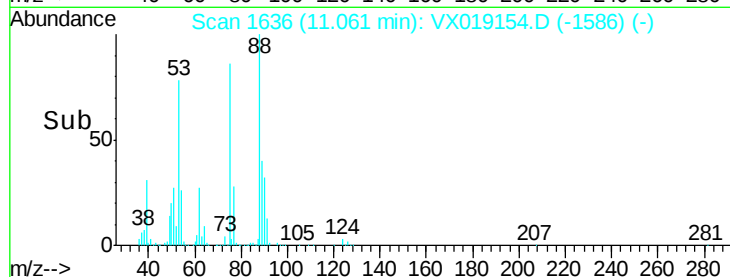
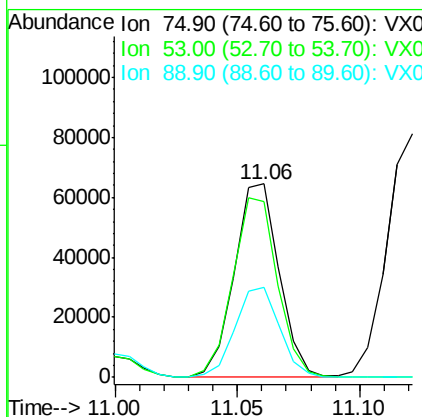
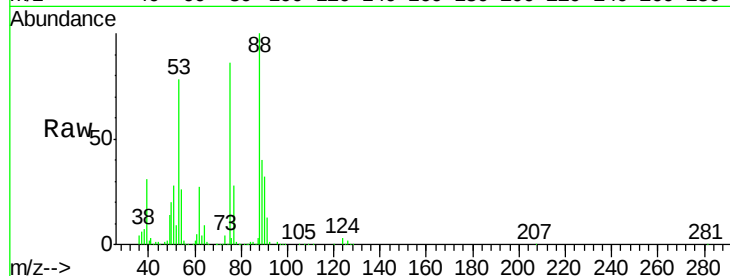
#81
trans-1,4-Dichloro-2-butene
Concen: 49.590 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.3	73.3	109.9
89	46.7	38.2	57.2

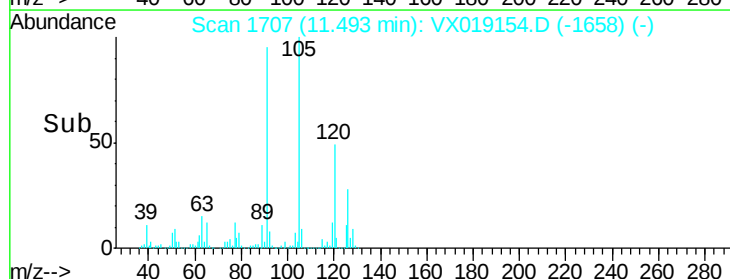
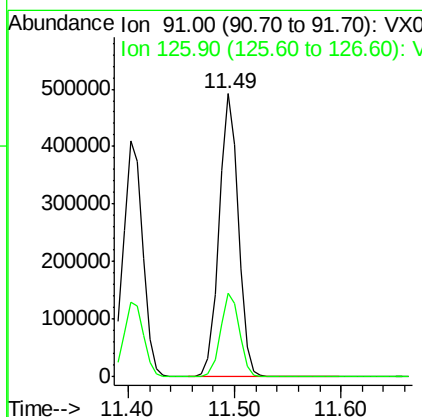
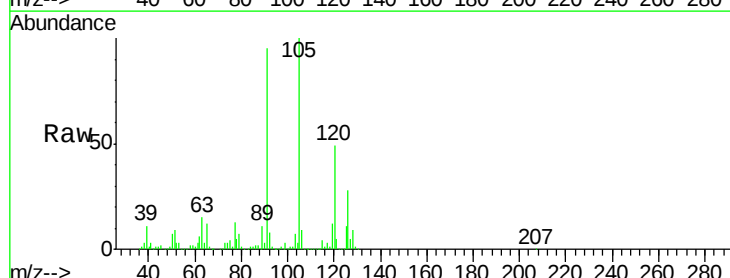
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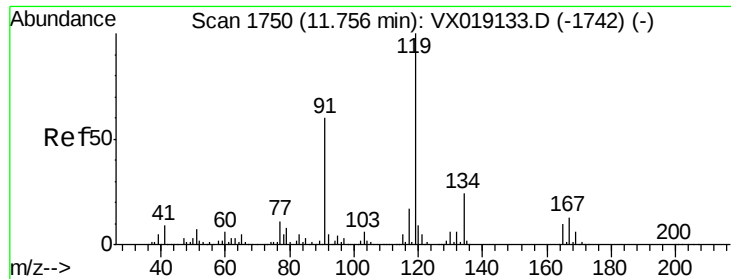
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#82
4-Chlorotoluene
Concen: 50.699 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.8	44.4





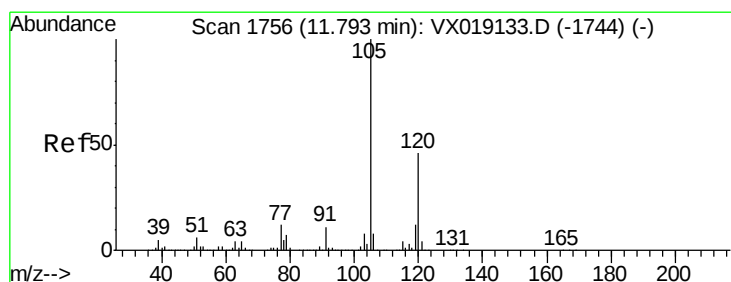
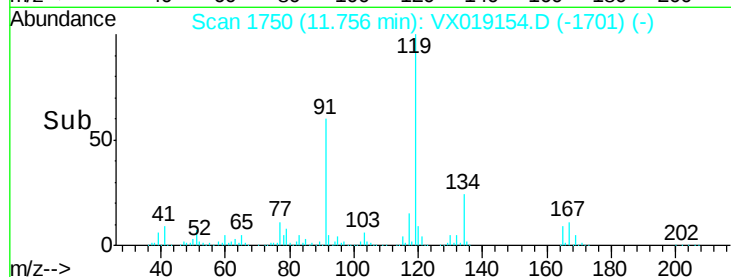
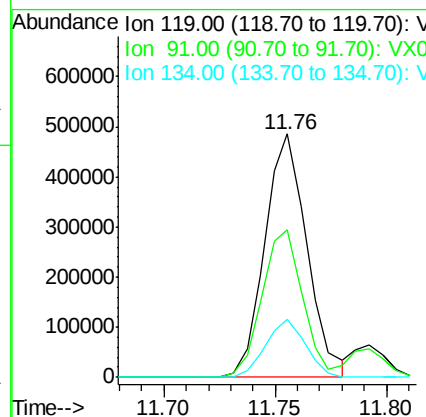
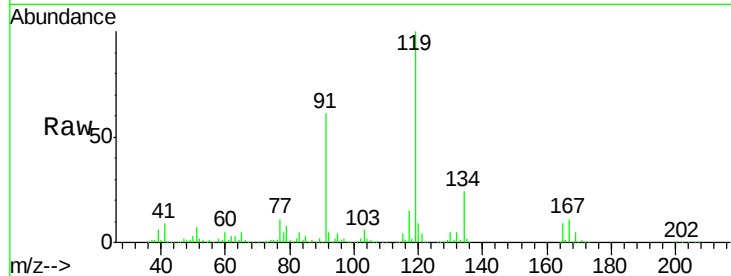
#83
tert-Butylbenzene
Concen: 53.190 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	638678		
91	58.4	29.0	87.1	
134	22.9	11.7	35.0	

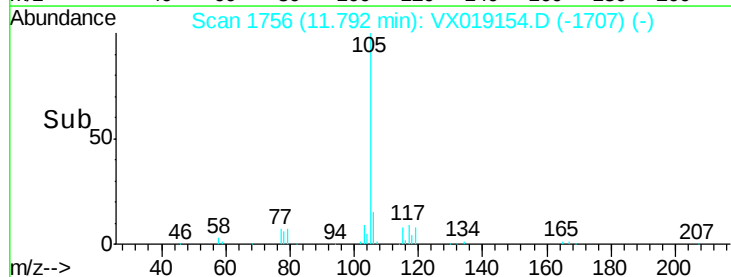
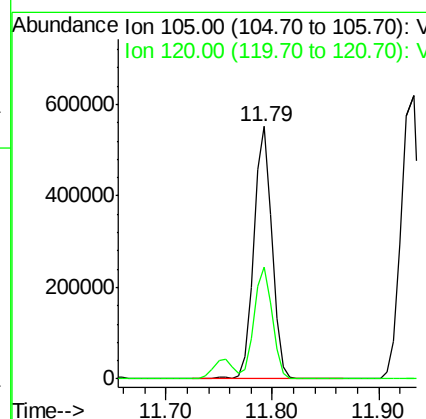
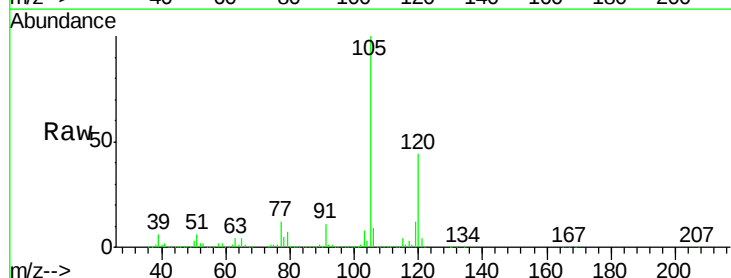
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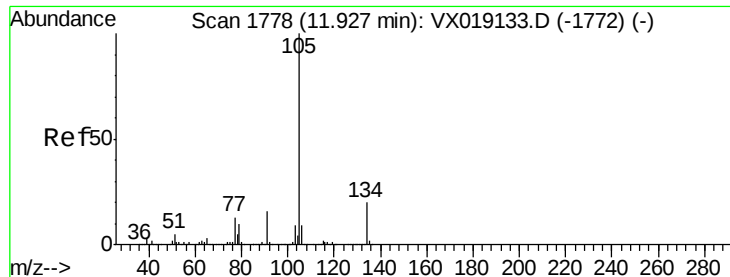
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#84
1,2,4-Trimethylbenzene
Concen: 52.090 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	659480		
120	44.5	22.4	67.3	





#85

sec-Butylbenzene

Concen: 52.451 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:105 Resp: 755374

Ion Ratio Lower Upper

105 100

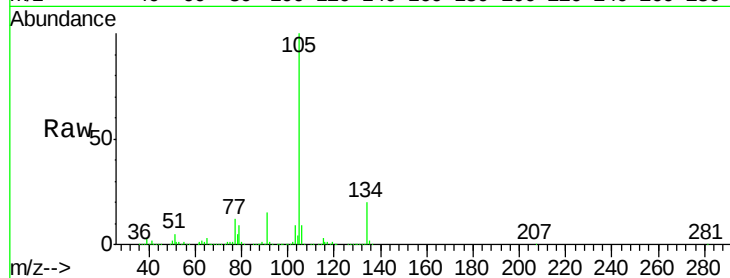
134 20.0 10.1 30.1

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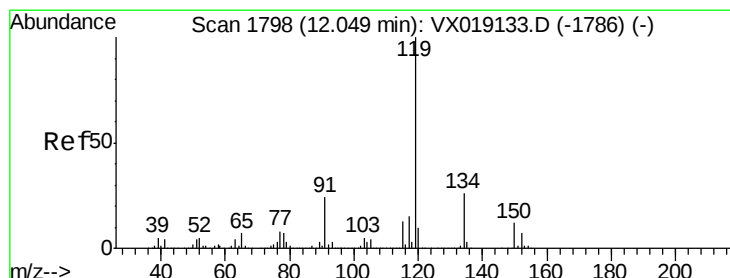
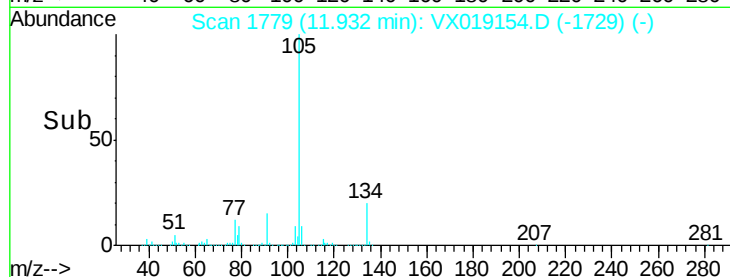
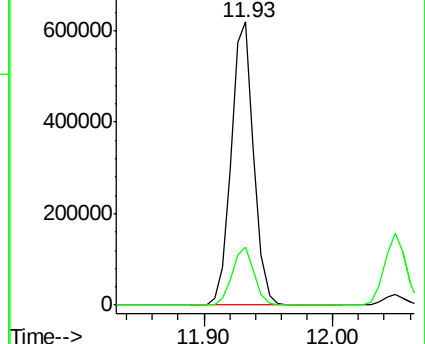
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.540 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

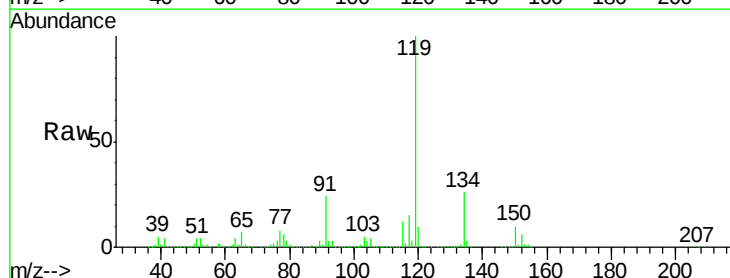
Tgt Ion:119 Resp: 685101

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.7

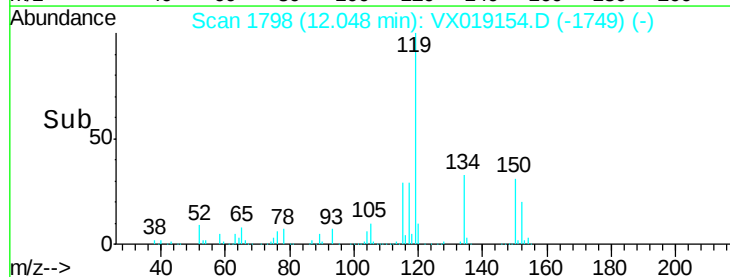
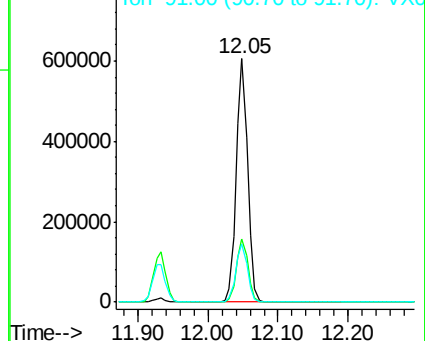
91 24.3 12.0 36.0

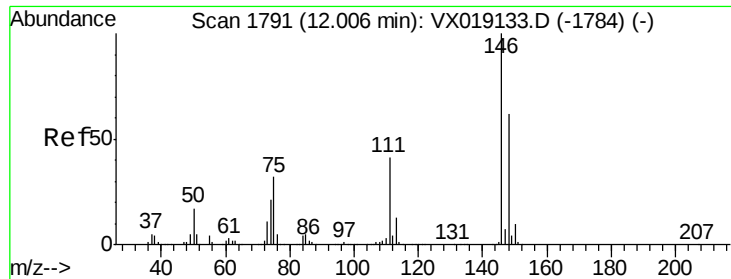


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





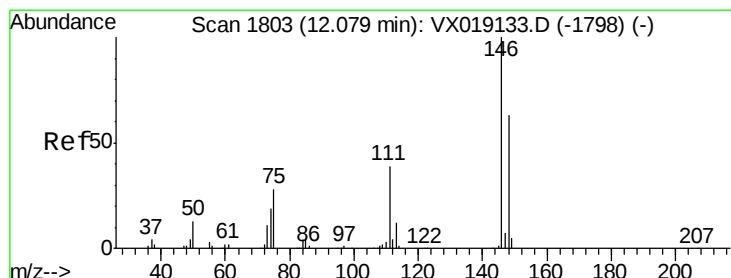
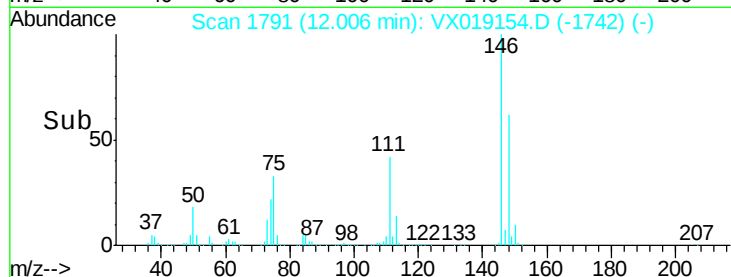
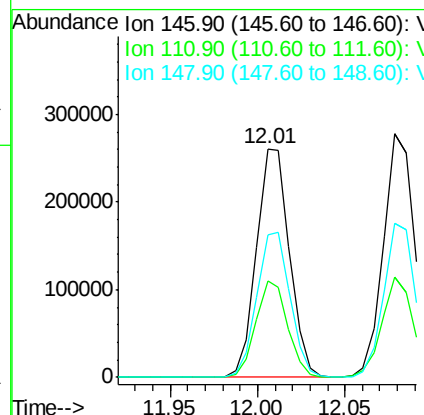
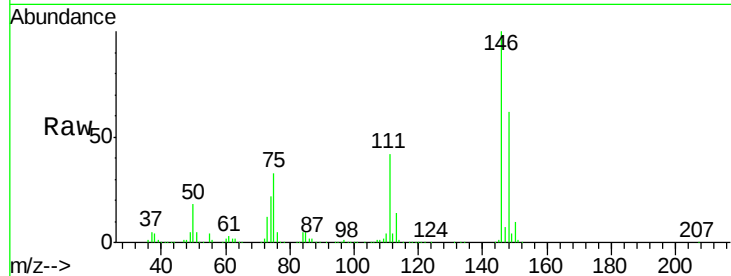
#87
 1,3-Dichlorobenzene
 Concen: 49.985 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.2
148	63.7	31.6	94.8

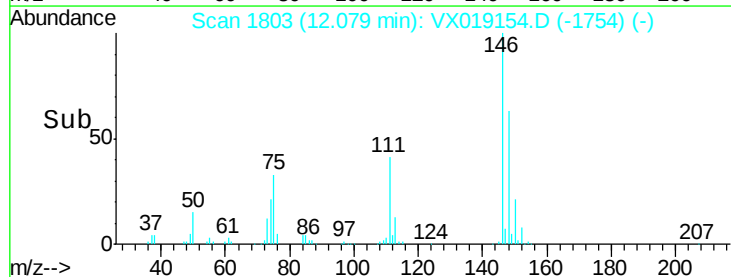
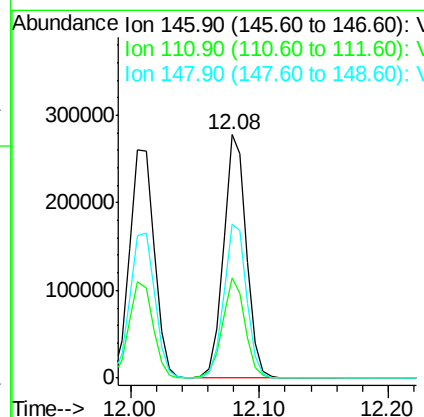
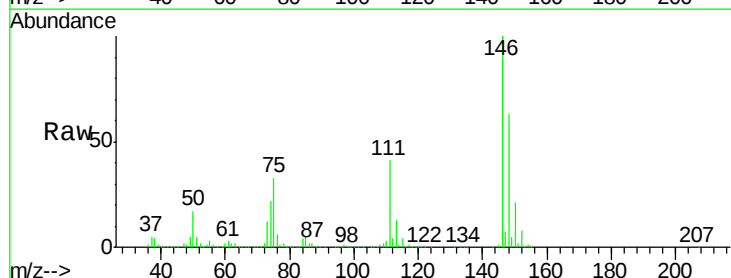
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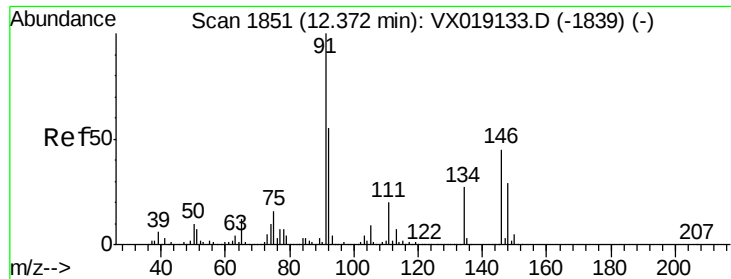
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#88
 1,4-Dichlorobenzene
 Concen: 48.404 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.2	60.5
148	63.7	31.3	93.8





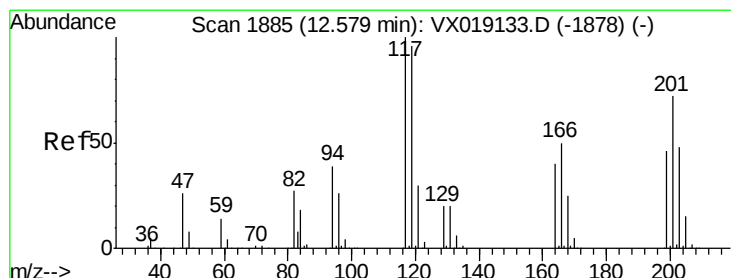
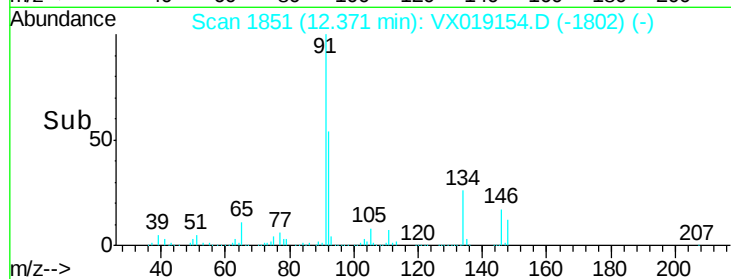
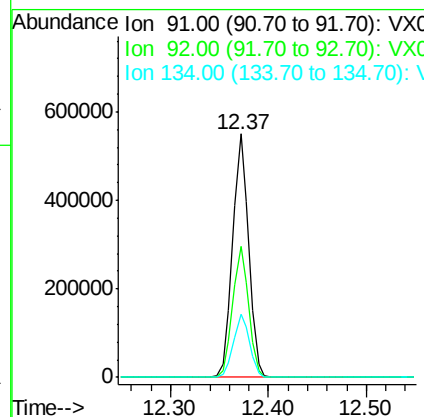
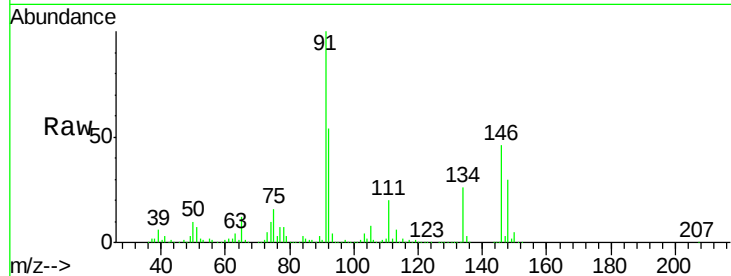
#89
n-Butylbenzene
Concen: 50.168 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.7	27.5	82.4	
134	26.1	13.2	39.6	

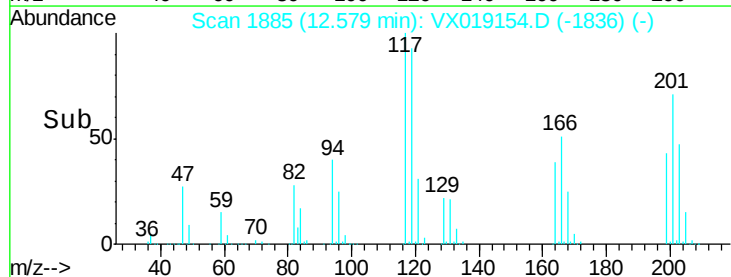
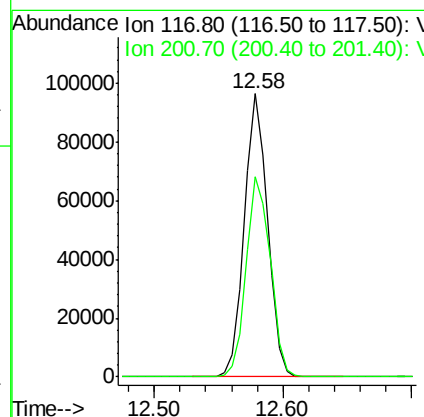
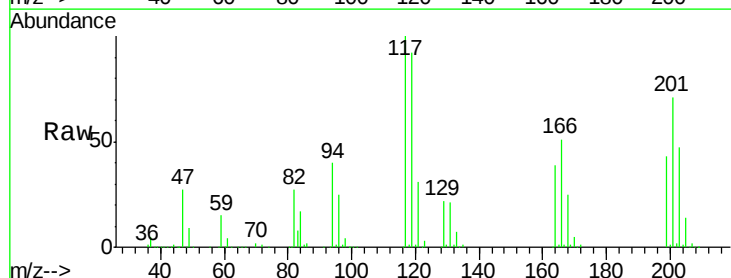
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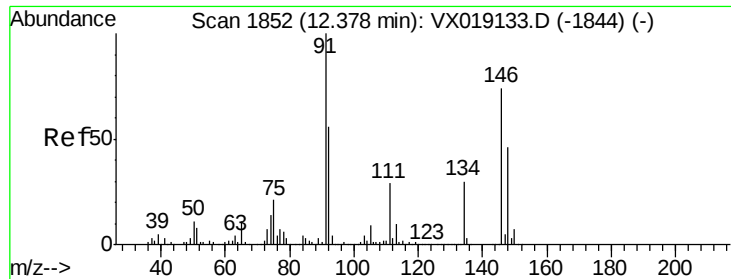
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#90
Hexachloroethane
Concen: 53.192 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	73.1	38.5	115.3	





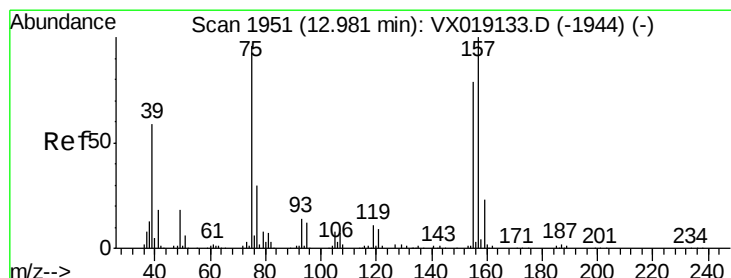
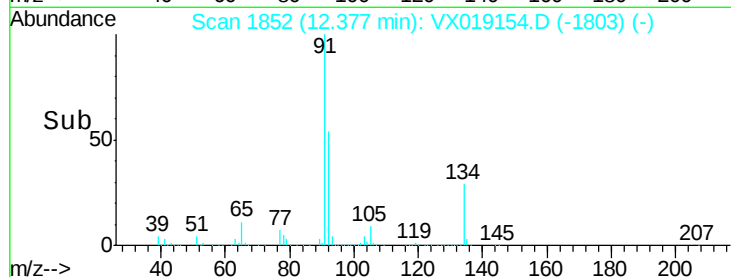
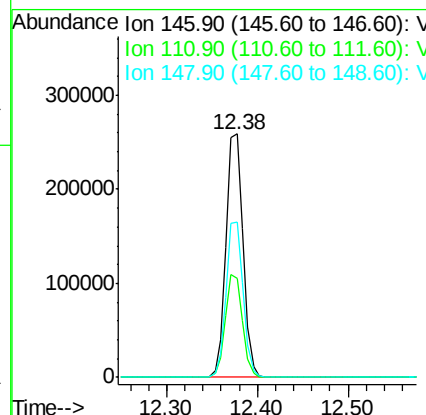
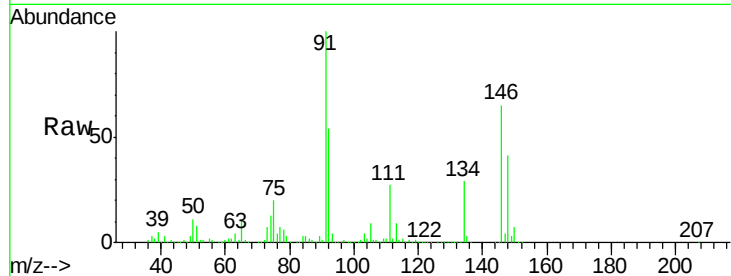
#91
 1,2-Dichlorobenzene
 Concen: 51.532 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.2	63.6
148	63.5	31.6	94.7

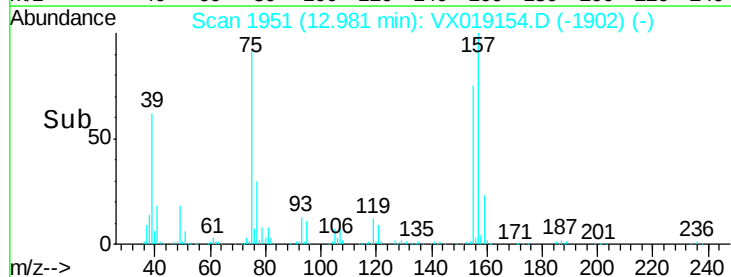
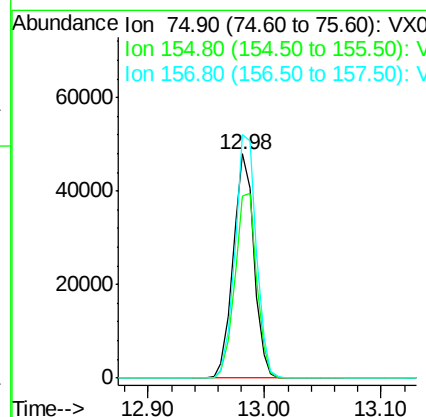
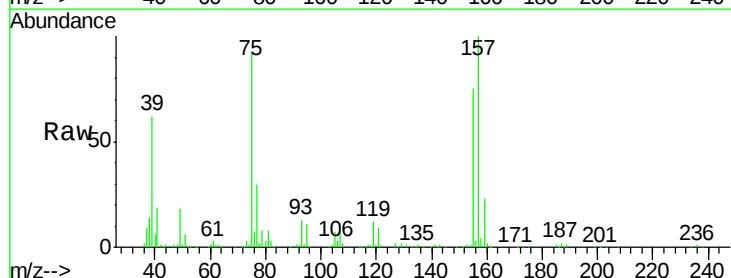
Manual Integrations
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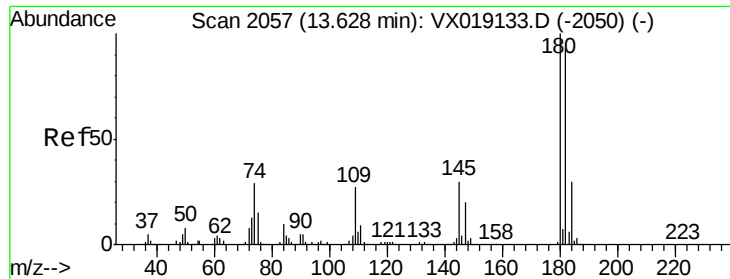
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.382 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.8	42.8	128.4
157	112.0	54.8	164.4





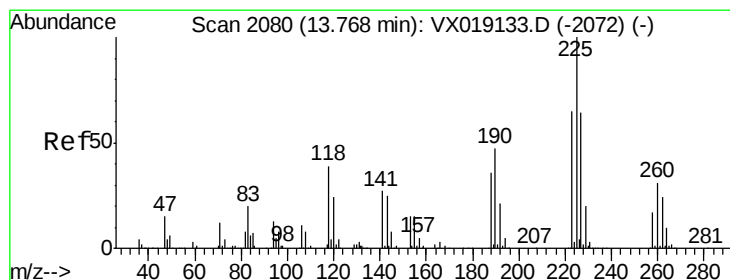
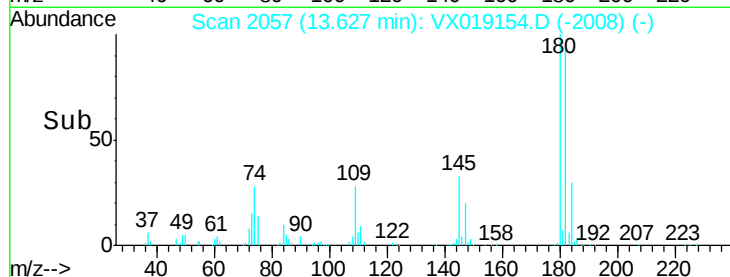
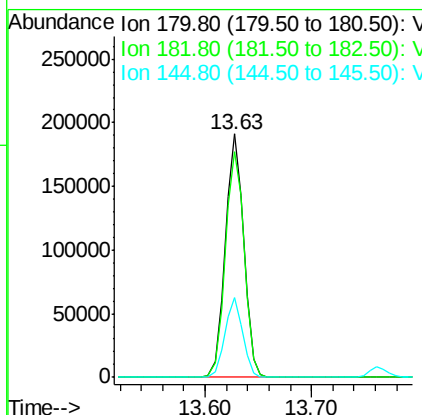
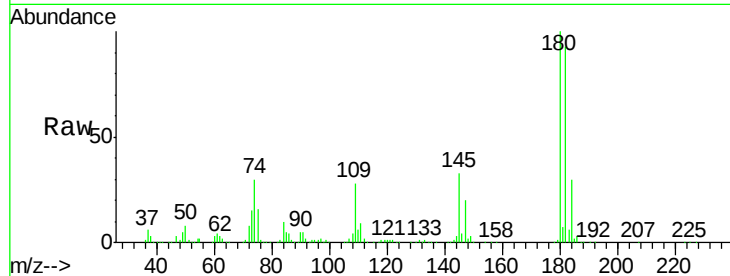
#93
 1,2,4-Trichlorobenzene
 Concen: 46.744 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	231318		
182	95.3	46.8	140.3	
145	31.6	15.5	46.5	

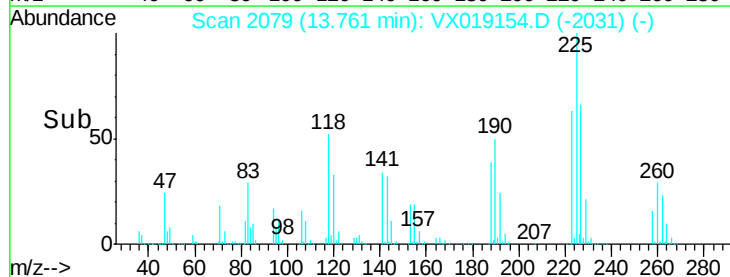
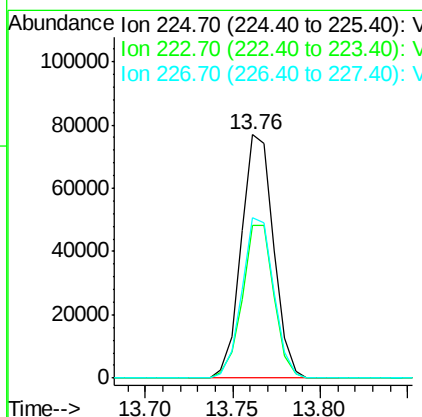
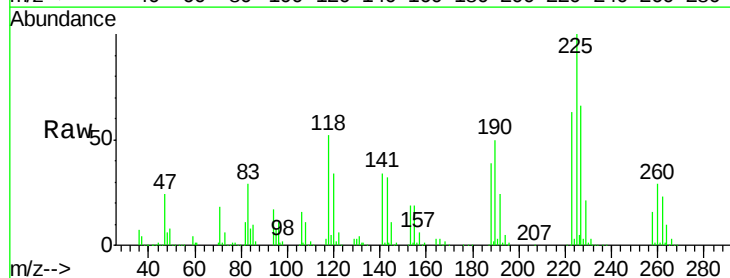
Manual Integrations
 APPROVED

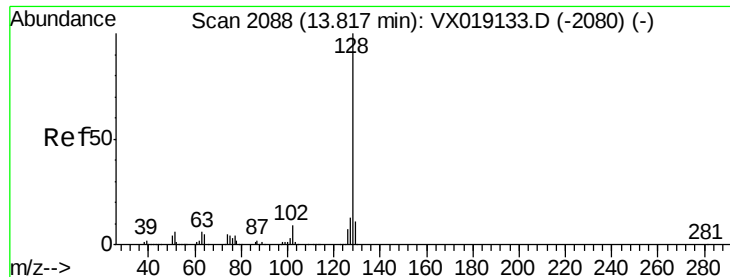
MMDadoda
 10/28/2020 12:15:21 PM



#94
 Hexachlorobutadiene
 Concen: 45.253 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98578		
223	61.2	32.4	97.2	
227	64.6	31.6	94.7	





#95

Naphthalene

Concen: 51.507 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

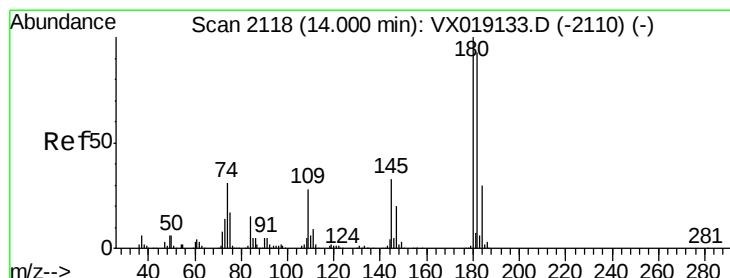
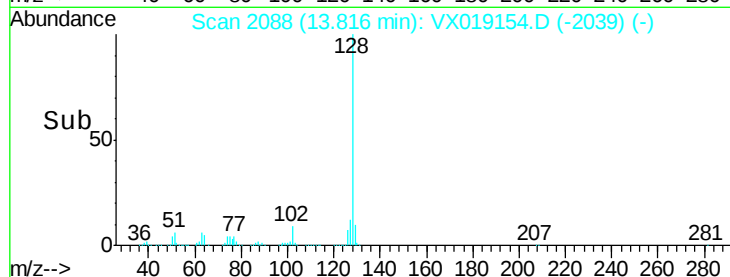
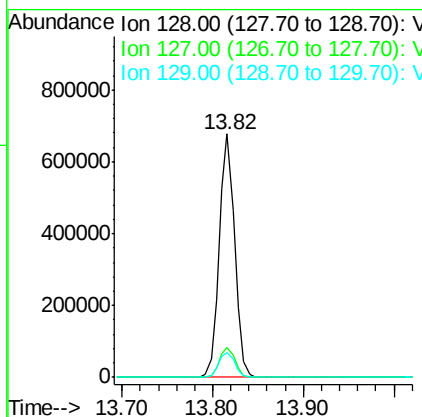
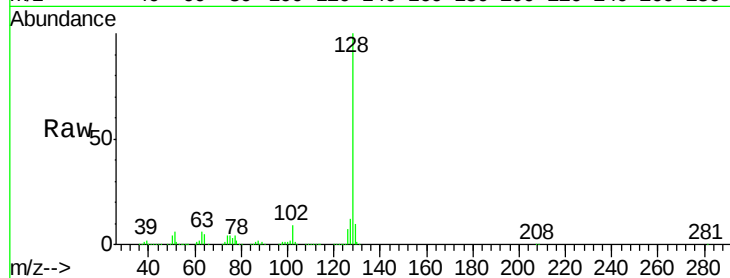
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	802770
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.3	15.5
129	10.7	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 47.648 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Tgt Ion:	180	Resp:	228746
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.8	143.3
145	33.7	16.5	49.5

