

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019072.D
 Acq On : 23 Oct 2020 11:23
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 11:17:08 AM

Quant Time: Oct 23 11:49:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 23 11:41:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	46949	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	263197	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	231748	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	91684	30.23	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.77%
60) 4-Bromofluorobenzene	11.12	95	111562	31.25	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	104.17%
63) Toluene-d8	8.70	98	310717	30.38	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	371489	166.668	ug/l 98
3) Chloromethane	1.31	50	306838	128.131	ug/l 100
4) Vinyl Chloride	1.39	62	436606	144.936	ug/l 97
5) Bromomethane	1.62	94	162529	86.509	ug/l 98
6) Chloroethane	1.70	64	295055	142.041	ug/l 99
7) Trichlorofluoromethane	1.91	101	776571	161.758	ug/l 96
8) Diethyl Ether	2.17	74	293250	155.736	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	368168	141.314	ug/l 98
10) 1,1-Dichloroethene	2.35	96	378385	139.880	ug/l 97
11) Methyl Iodide	2.49	142	437485	143.192	ug/l 96
12) Methyl Acetate	2.75	43	374890	140.785	ug/l 97
13) Acrolein	2.27	56	195667	417.072	ug/l 97
14) Acrylonitrile	3.12	53	863934	698.767	ug/l 99
15) Acetone	2.42	58	259670	659.848	ug/l 94
16) Carbon Disulfide	2.55	76	1045513	154.615	ug/l 100
17) Allyl chloride	2.70	41	477099	136.975	ug/l 98
18) Methylene Chloride	2.83	84	419051	150.899	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	443734	158.896	ug/l 96
20) Diisopropyl ether	3.82	45	941451	143.700	ug/l 98
21) 1,1-Dichloroethane	3.67	63	693459	152.913	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	501816	158.056	ug/l 99
23) tert-Butyl Alcohol	3.03	59	448428	670.512	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	1189728	156.521	ug/l 98
25) Chloroform	5.18	83	768214	158.649	ug/l 96
26) Cyclohexane	5.55	56	533486	147.373	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	579525	154.815	ug/l 99
30) 2-Butanone	4.64	43	1174403	651.624	ug/l 99
31) 2,2-Dichloropropane	4.55	77	662596	150.838	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	708692	155.965	ug/l 99
33) Carbon Tetrachloride	5.76	117	624190	151.705	ug/l 97
34) Benzene	6.11	78	1697662	153.074	ug/l 97
35) Methacrylonitrile	5.01	41	252510	133.640	ug/l 95
36) 1,2-Dichloroethane	6.17	62	577307	157.280	ug/l 100
37) Trichloroethene	7.19	130	493986	152.793	ug/l 97
38) Methylcyclohexane	7.44	83	652339	153.353	ug/l 100
39) 1,2-Dichloropropane	7.49	63	397773	148.257	ug/l 99
40) Dibromomethane	7.64	93	306777	154.378	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	613804	152.771	ug/l	99
42) Vinyl Acetate	3.79	43	4549399	693.704	ug/l	98
43) Ethyl Acetate	4.79	43	476824	126.777	ug/l	99
44) Isopropyl Acetate	6.42	43	805784	133.313	ug/l	100
45) 1,4-Dioxane	7.72	88	183348	2861.766	ug/l	98
46) Methyl methacrylate	7.74	41	381135	135.150	ug/l	98
47) n-amyl Acetate	10.88	43	693800	139.847	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	689190	151.062	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	728519	150.107	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	439783	155.272	ug/l	98
51) Ethyl methacrylate	9.16	69	652656	147.688	ug/l	99
52) 1,3-Dichloropropane	9.35	76	701819	149.735	ug/l	99
53) Dibromochloromethane	9.57	129	515505	156.021	ug/l	98
54) 1,2-Dibromoethane	9.65	107	470589	151.129	ug/l	97
55) 2-Chloroethyl vinyl ether	8.29	63	1802845	754.732	ug/l	98
56) Bromoform	10.84	173	393571	155.723	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	2308752	649.118	ug/l	98
59) 2-Hexanone	9.48	43	1767052	652.207	ug/l	99
61) Tetrachloroethene	9.32	164	421801	150.032	ug/l	93
62) Toluene	8.77	91	1920069	156.572	ug/l	100
64) Chlorobenzene	10.12	112	1201171	155.833	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	450569	152.044	ug/l	99
66) Ethyl Benzene	10.24	91	2114717	156.881	ug/l	95
67) m/p-Xylenes	10.34	106	1661690	315.785	ug/l	97
68) o-Xylene	10.68	106	798866	160.858	ug/l	98
69) Styrene	10.70	104	1387510	163.178	ug/l	99
70) Isopropylbenzene	11.00	105	2114084	160.199	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	648600	157.853	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	567451m	148.660	ug/l	
73) Bromobenzene	11.24	156	537640	159.436	ug/l	96
74) n-propylbenzene	11.35	91	2438720	162.018	ug/l	98
75) 2-Chlorotoluene	11.40	91	1391642	160.696	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	1795552	163.263	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	239145	148.038	ug/l	94
78) 4-Chlorotoluene	11.49	91	1664051	162.990	ug/l	98
79) tert-butylbenzene	11.76	119	1784769	160.751	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	1782021	162.072	ug/l	98
81) sec-Butylbenzene	11.93	105	2092477	163.247	ug/l	99
82) p-Isopropyltoluene	12.05	119	1970296	165.657	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	993769	164.589	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	1012431	166.273	ug/l	99
85) n-Butylbenzene	12.37	91	1788721	167.447	ug/l	98
86) Hexachloroethane	12.58	117	324732	164.375	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	957602	164.186	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	151872	154.620	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	682164	160.021	ug/l	98
90) Hexachlorobutadiene	13.77	225	292479	164.408	ug/l	98
91) Naphthalene	13.82	128	2261340	163.152	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	654298	158.012	ug/l	98

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VSTDICC150

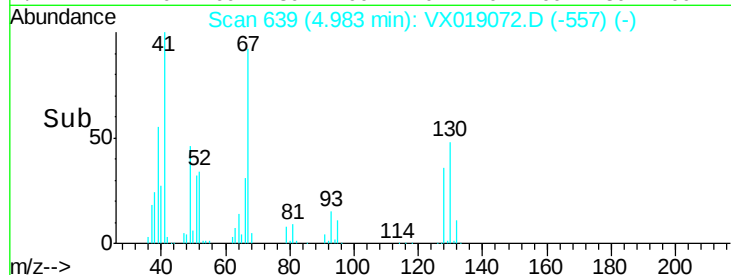
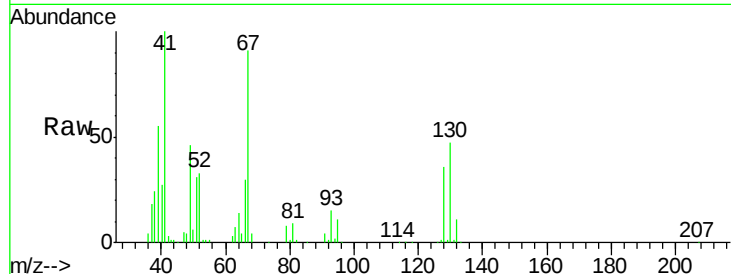
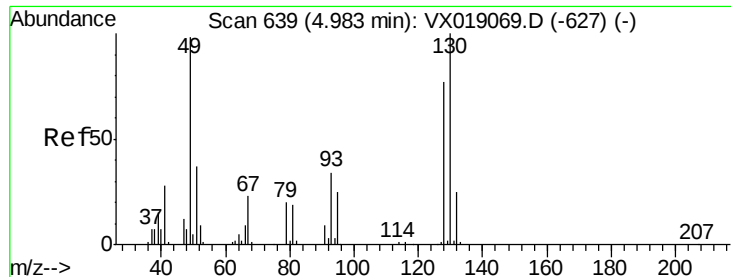
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



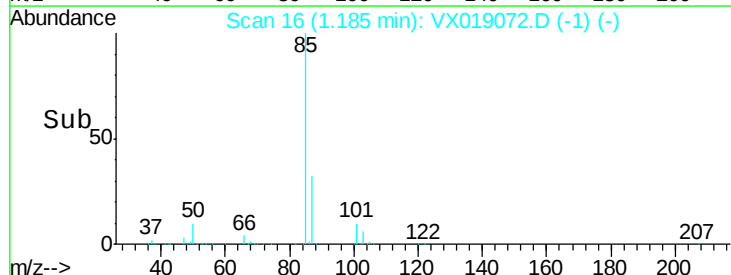
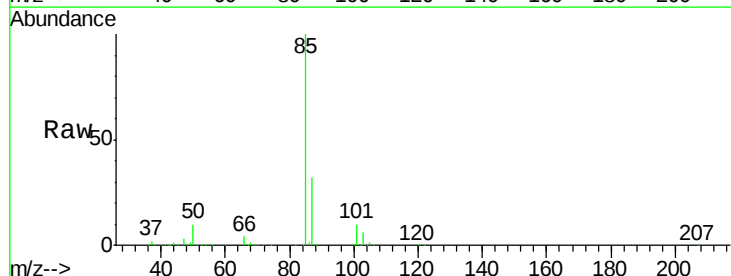
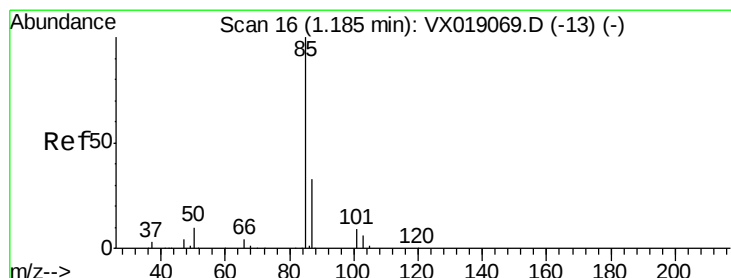
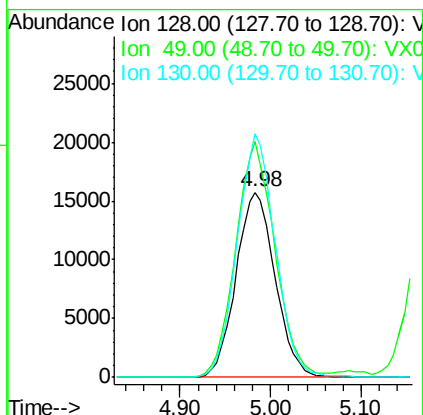
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tot Ion	Ratio	Lower	Upper
128	100		
49	128.3	0.0	318.8
130	128.0	0.0	321.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

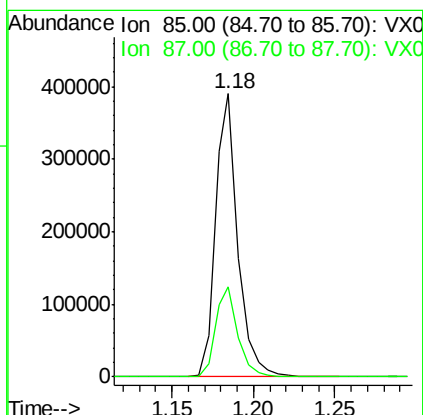
Manual Integrations
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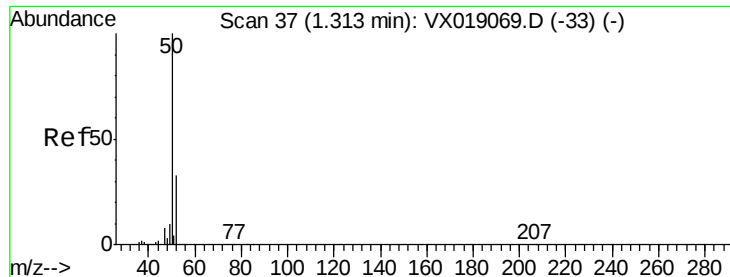
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#2
Dichlorodifluoromethane
Concen: 166.668 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.6	49.7





#3

Chloromethane

Concen: 128.131 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Tot Ion: 50 Resp: 306838

Ion Ratio Lower Upper

50 100

52 33.7 26.7 40.1

Instrument :

MSVOA_X

ClientSampleId :

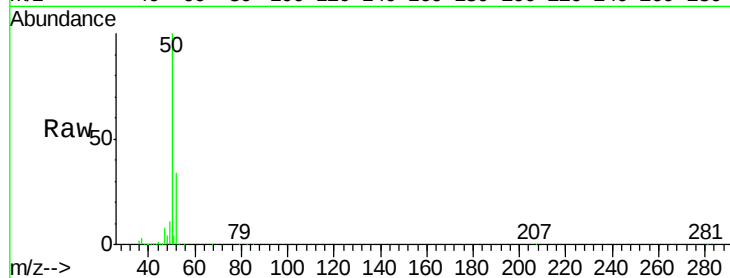
VSTDIC150

Manual Integrations

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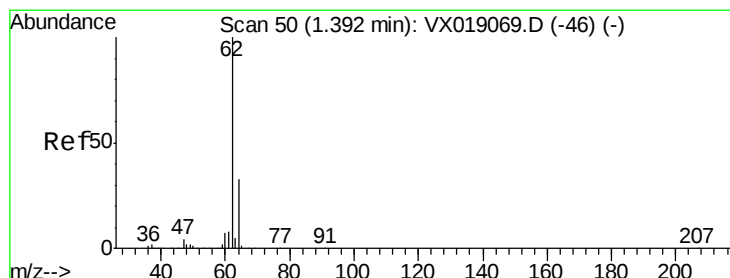
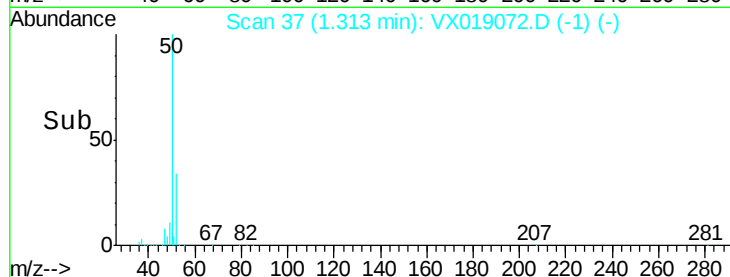
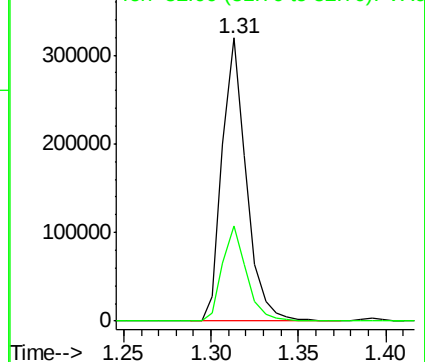
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 144.936 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019072.D

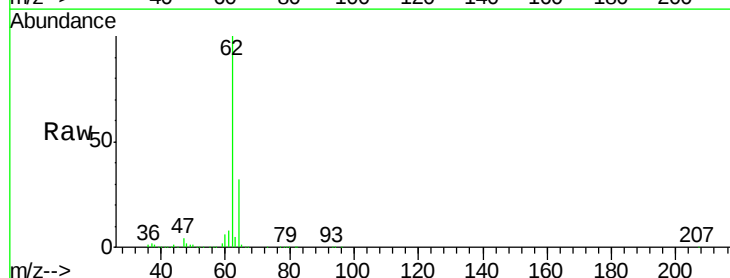
Acq: 23 Oct 2020 11:23

Tgt Ion: 62 Resp: 436606

Ion Ratio Lower Upper

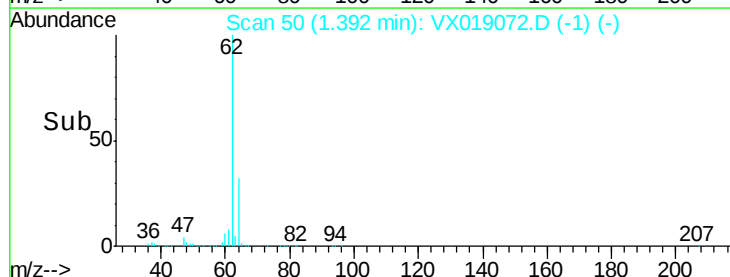
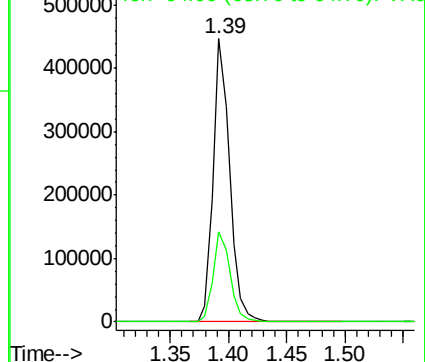
62 100

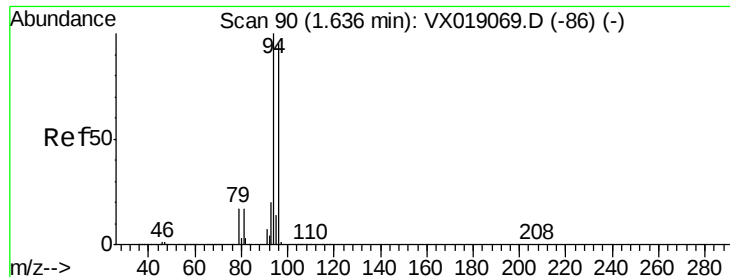
64 31.9 26.7 40.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 86.509 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 162529

Ion Ratio Lower Upper

94 100

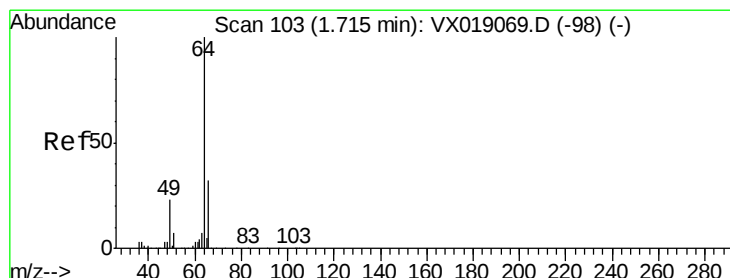
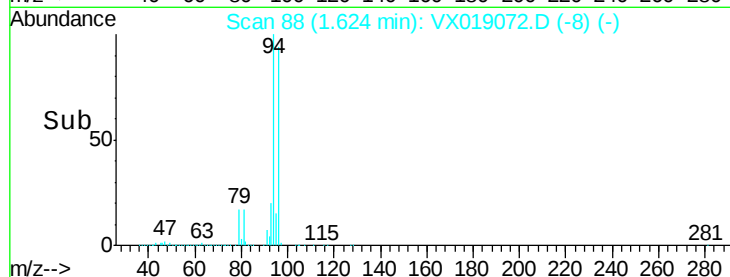
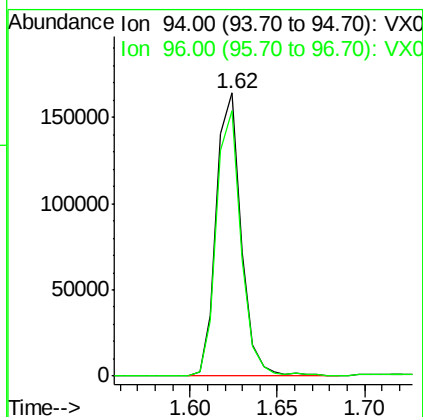
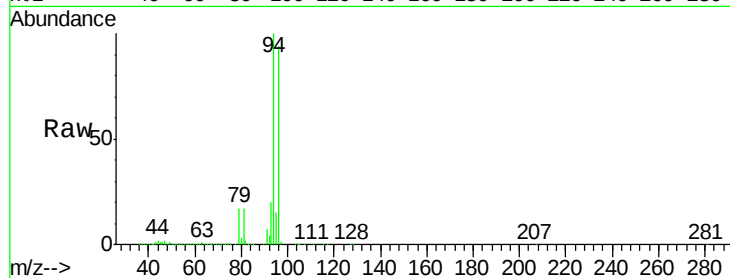
96 93.7 76.2 114.2

Manual Integrations

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#6

Chloroethane

Concen: 142.041 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.02 min

Lab File: VX019072.D

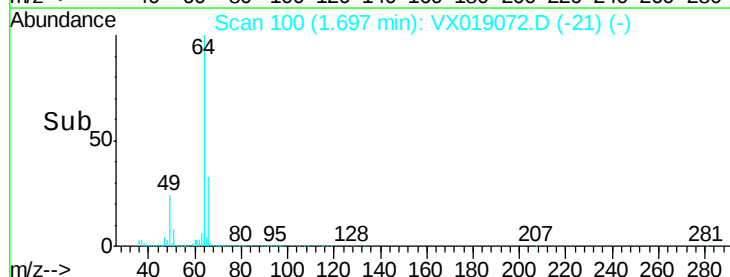
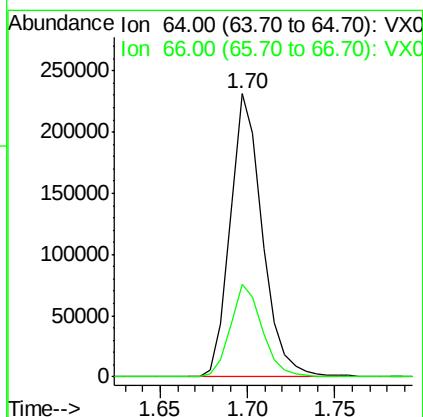
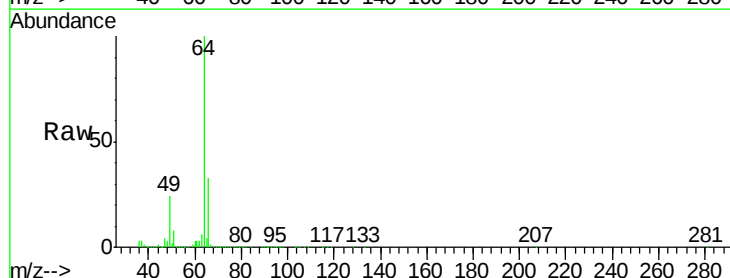
Acq: 23 Oct 2020 11:23

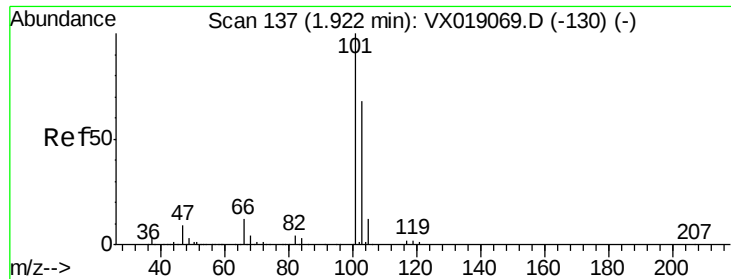
Tgt Ion: 64 Resp: 295055

Ion Ratio Lower Upper

64 100

66 32.8 25.9 38.9





#7

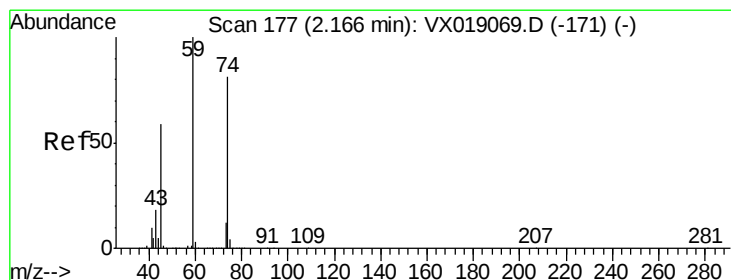
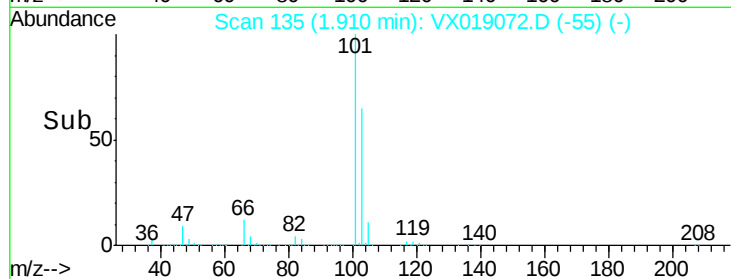
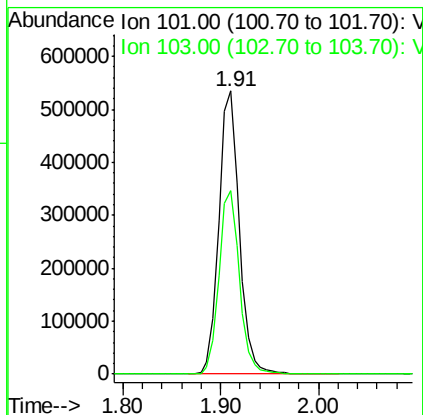
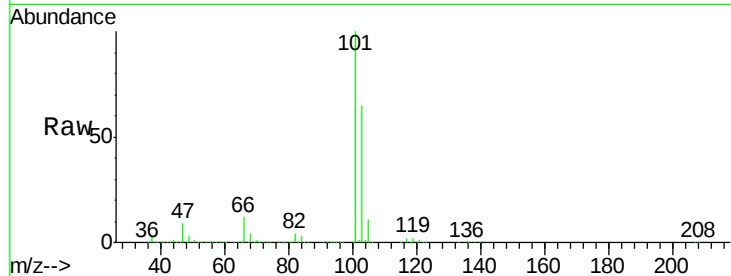
Trichlorofluoromethane
Concen: 161.758 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Instrument :
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VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		776571		
103	64.8	54.2	81.4		

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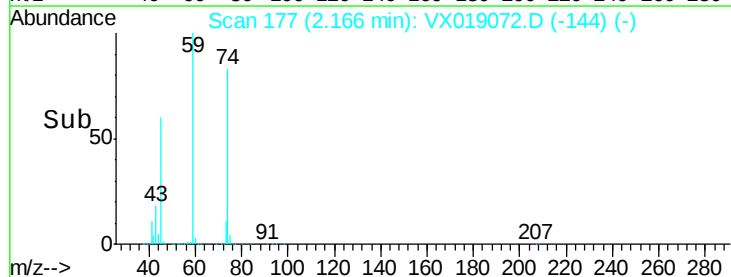
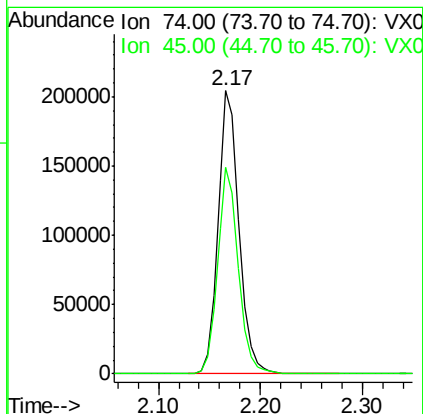
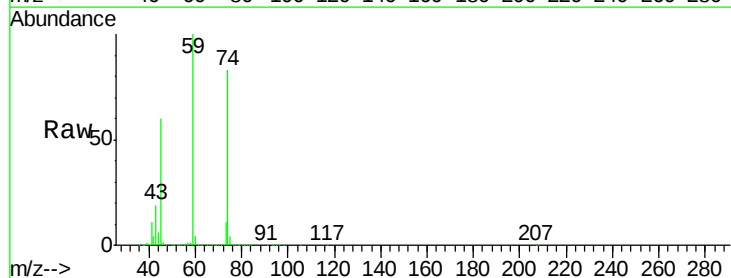
MMDadoda
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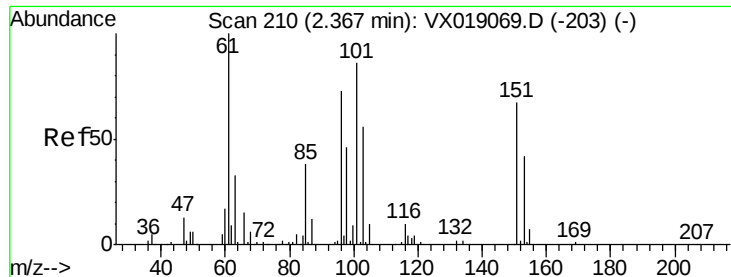


#8

Diethyl Ether
Concen: 155.736 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		293250		
45	72.0	14.5	130.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 141.314 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

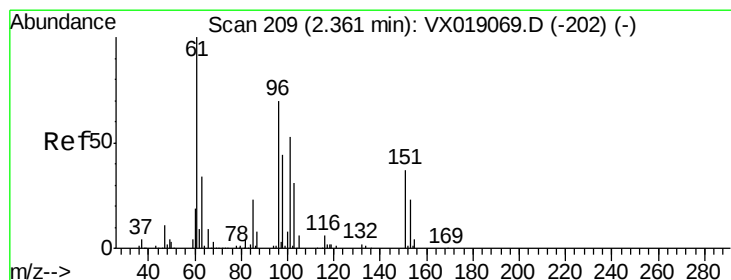
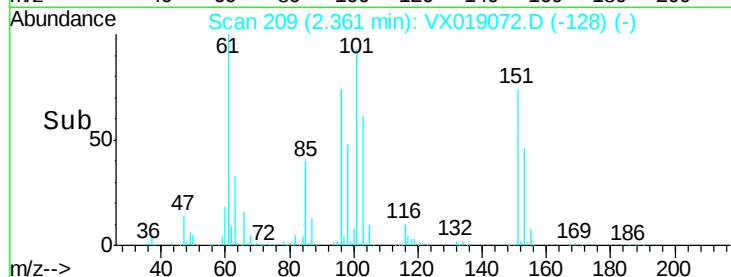
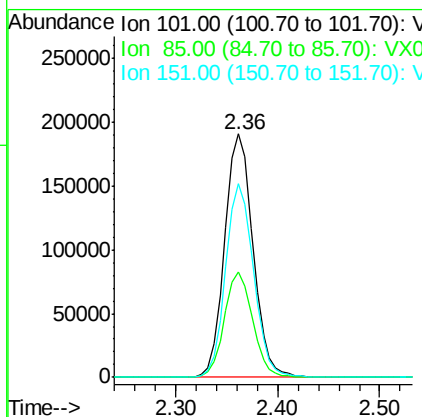
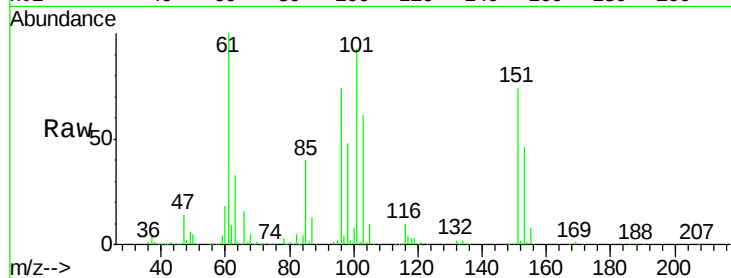
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	368168
Ion Ratio	Lower	Upper	
101	100		
85	43.2	0.0	87.0
151	78.5	0.0	151.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 139.880 ug/l

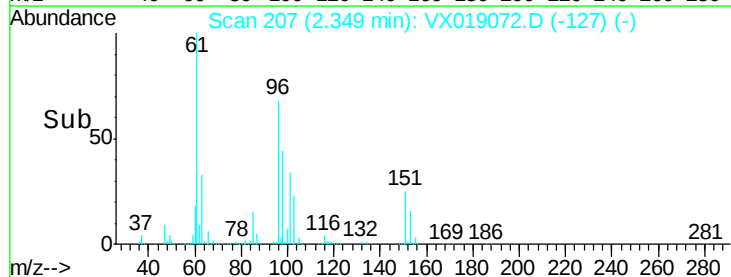
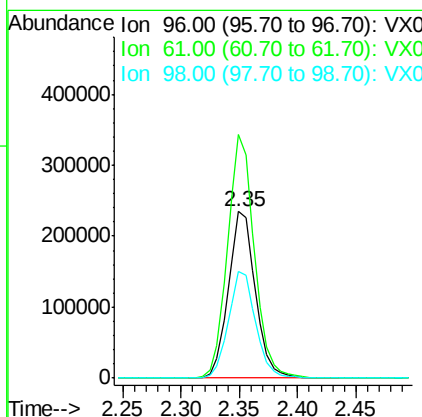
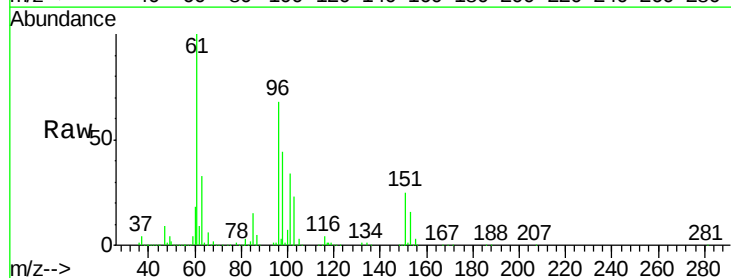
RT: 2.35 min Scan# 207

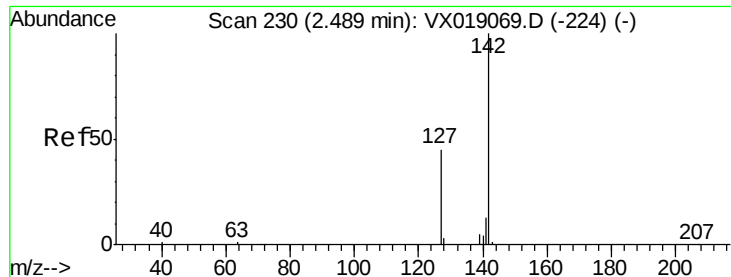
Delta R.T. -0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Tgt Ion:	96	Resp:	378385
Ion Ratio	Lower	Upper	
96	100		
61	146.5	113.8	170.8
98	64.1	50.4	75.6





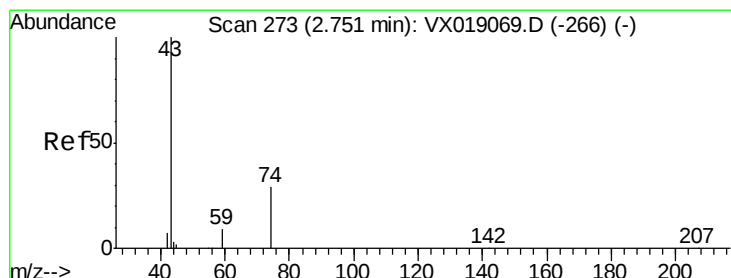
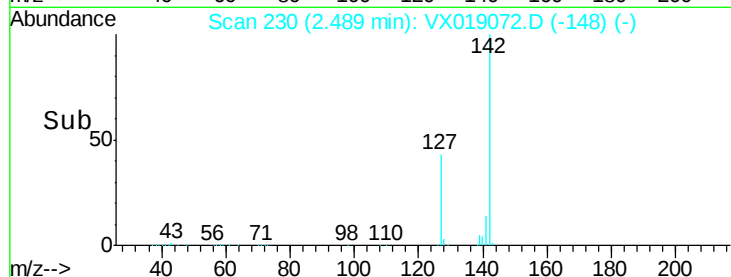
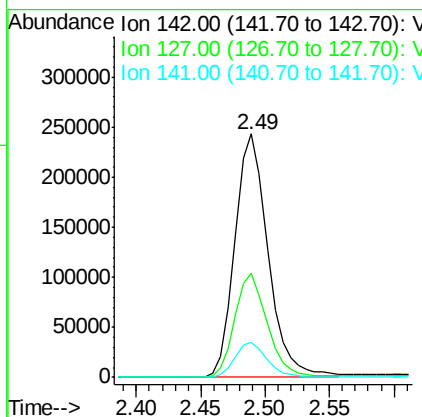
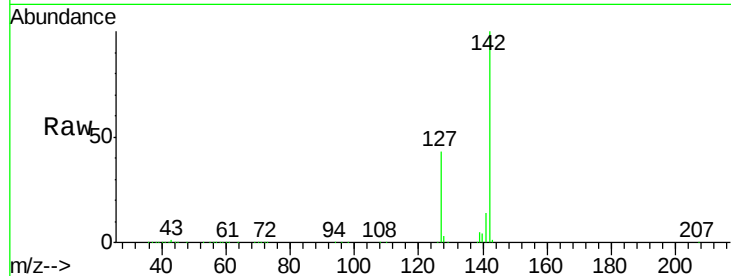
#11
Methvl Iodide
Concen: 143.192 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.8	22.6	67.7
141	14.2	6.3	19.1

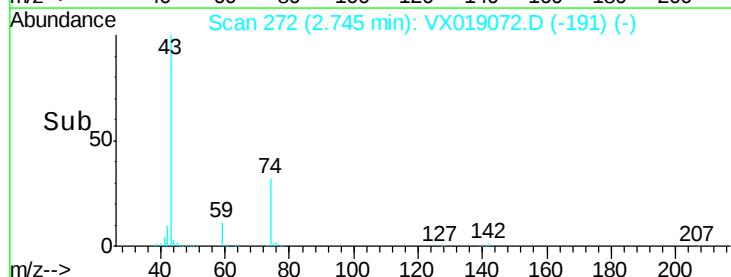
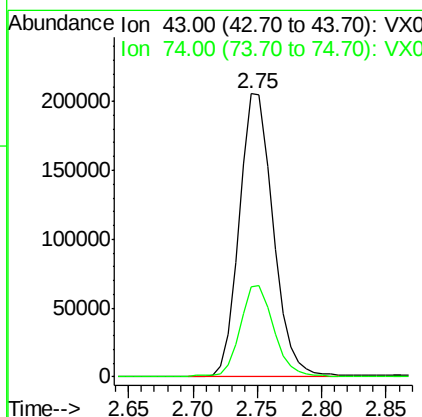
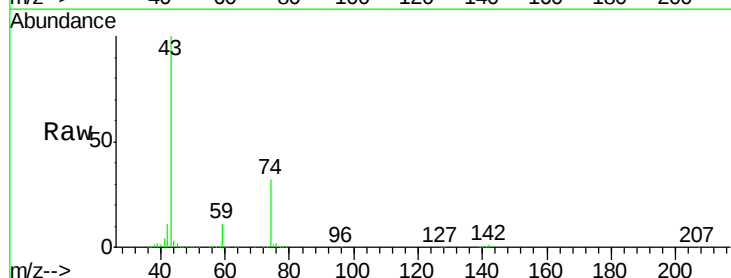
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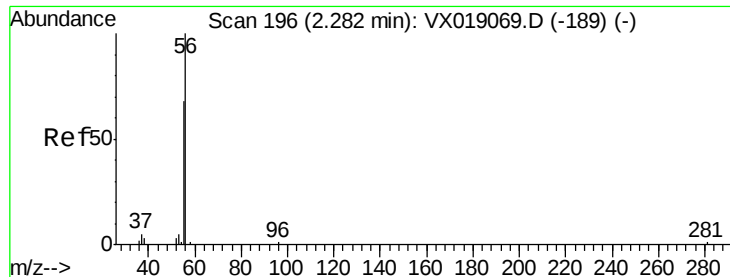
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#12
Methyl Acetate
Concen: 140.785 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	31.6	23.9	35.9





#13

Acrolein

Concen: 417.072 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 195667

Ion Ratio Lower Upper

56 100

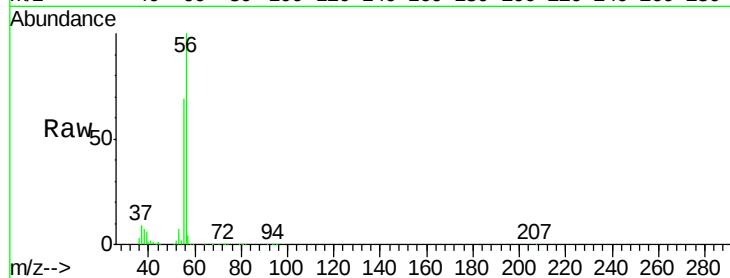
55 69.9 58.2 87.2

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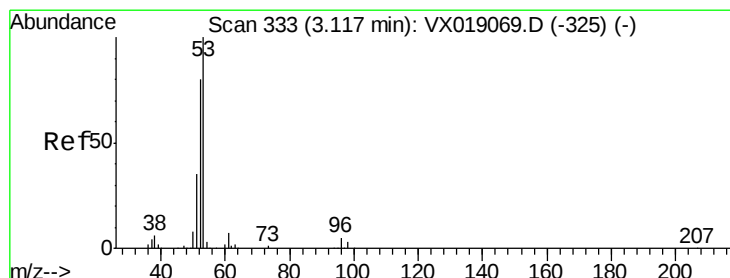
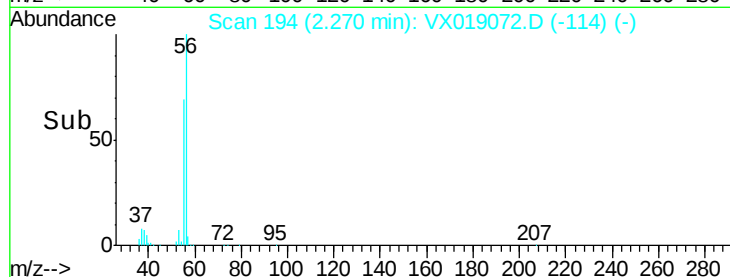
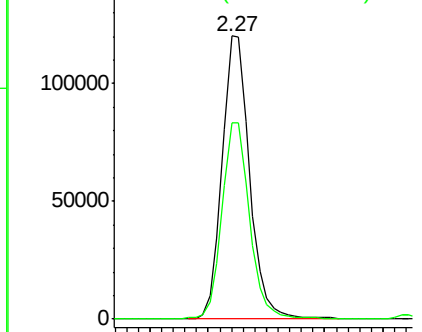
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 698.767 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

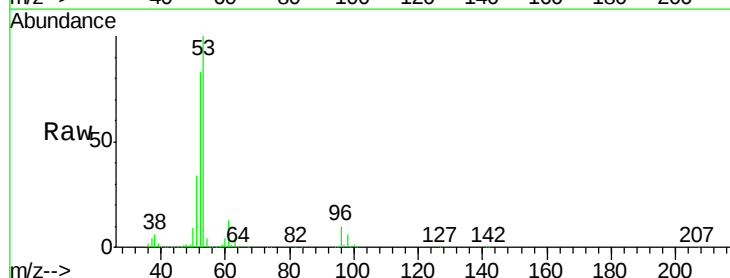
Tgt Ion: 53 Resp: 863934

Ion Ratio Lower Upper

53 100

52 82.2 41.0 123.0

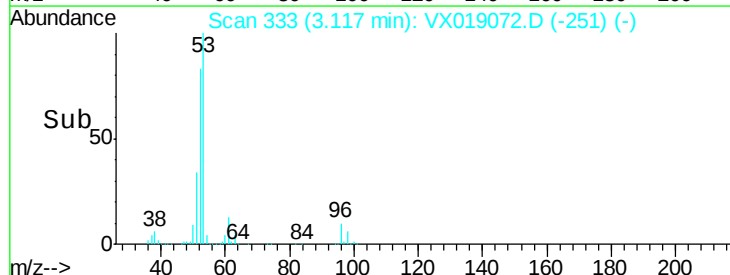
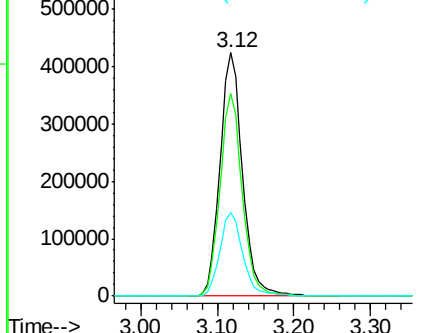
51 35.2 18.2 54.6

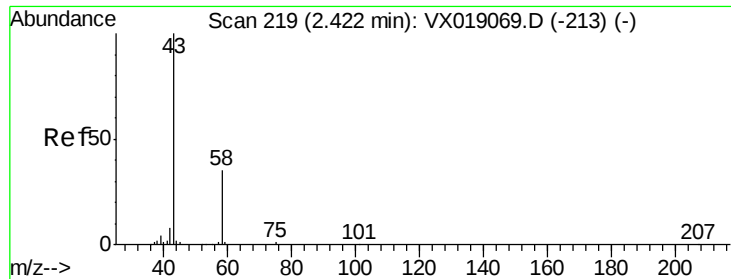


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





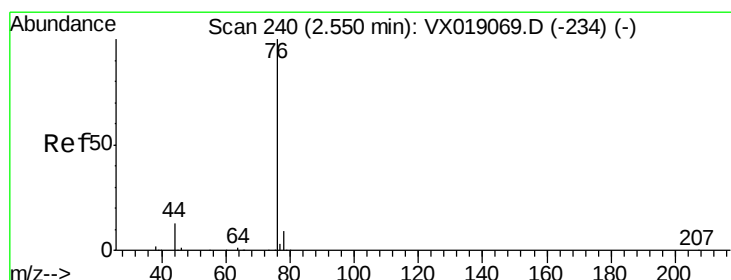
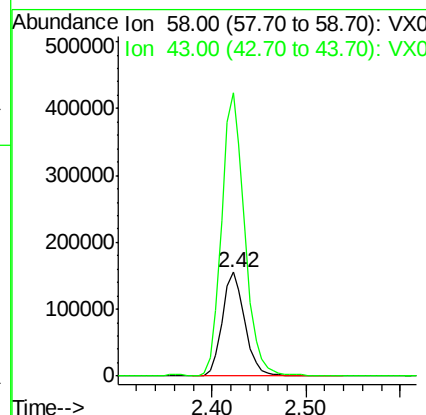
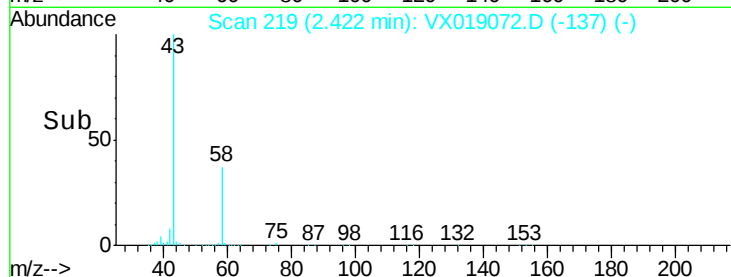
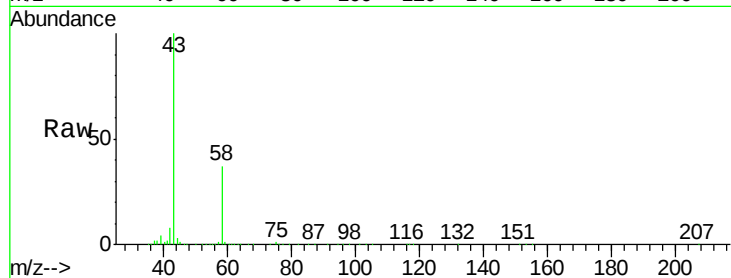
#15
Acetone
Concen: 659.848 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 58 Resp: 259670
Ion Ratio Lower Upper
58 100
43 272.8 226.7 340.1

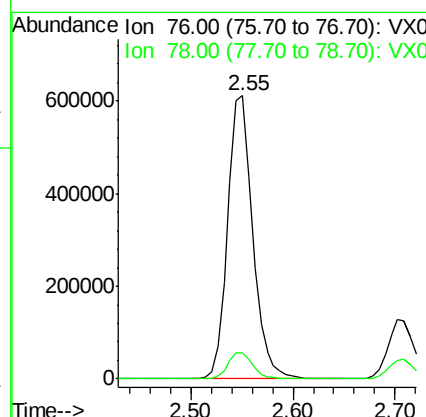
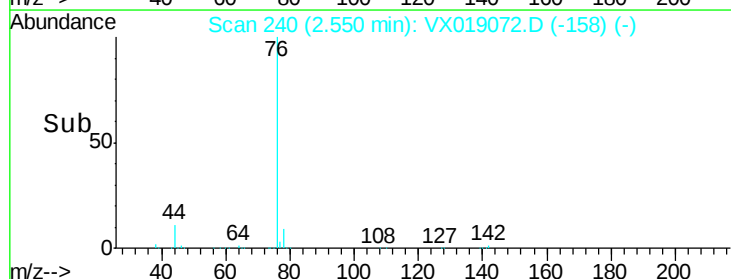
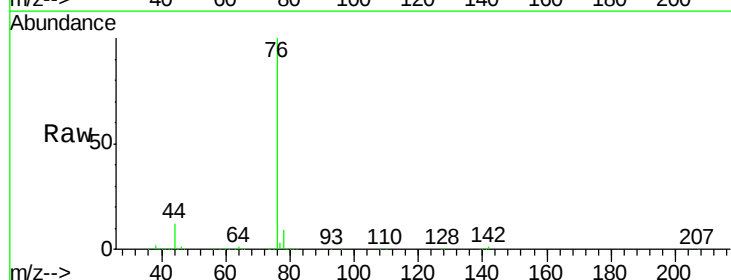
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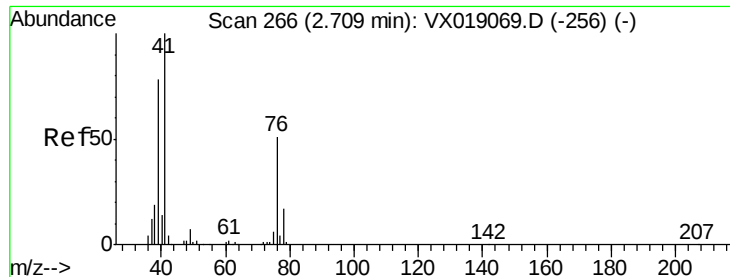
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#16
Carbon Disulfide
Concen: 154.615 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion: 76 Resp: 1045513
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8





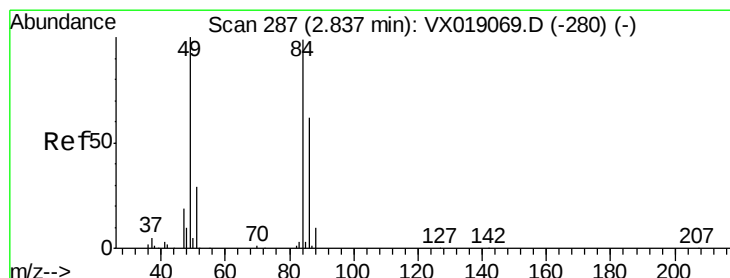
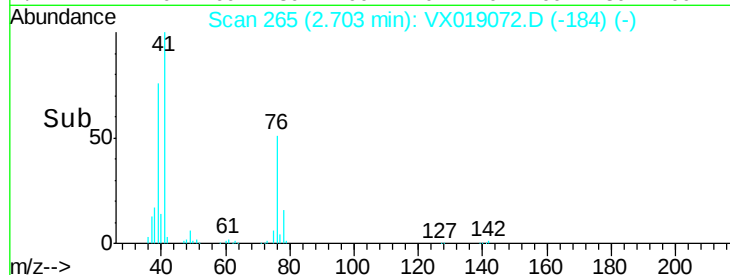
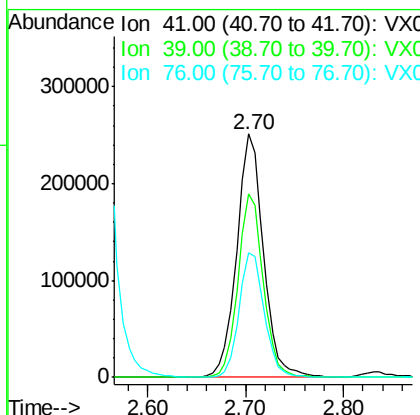
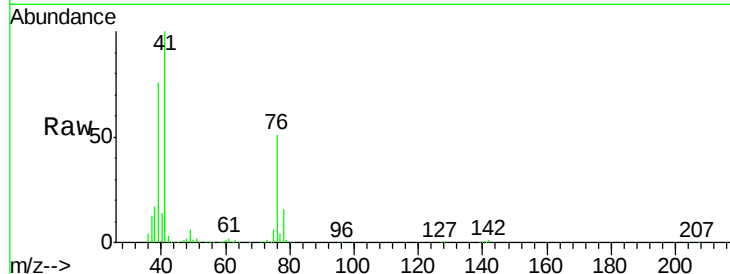
#17
Allvl chloride
Concen: 136.975 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	75.6	38.8	116.3
76	50.9	25.8	77.4

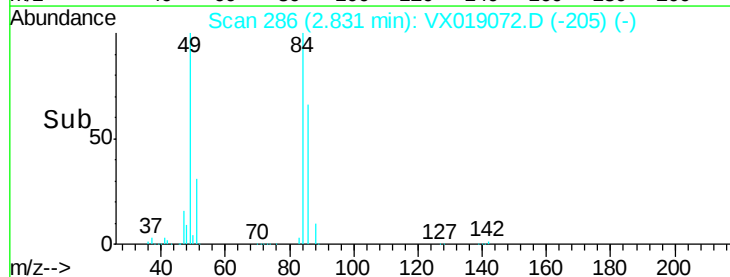
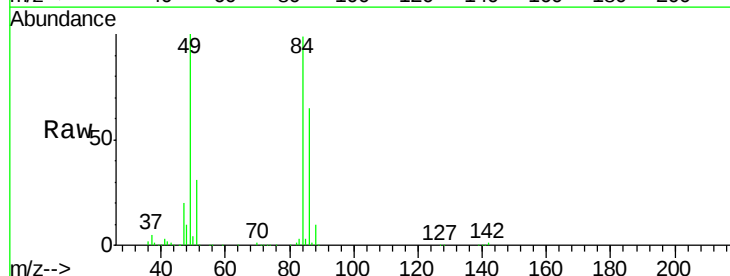
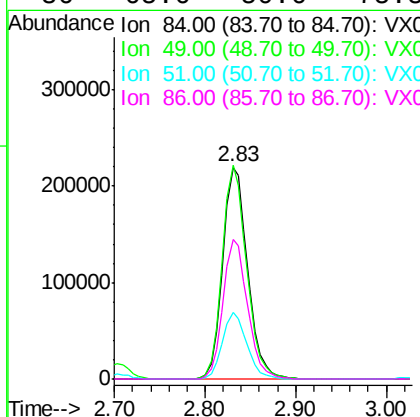
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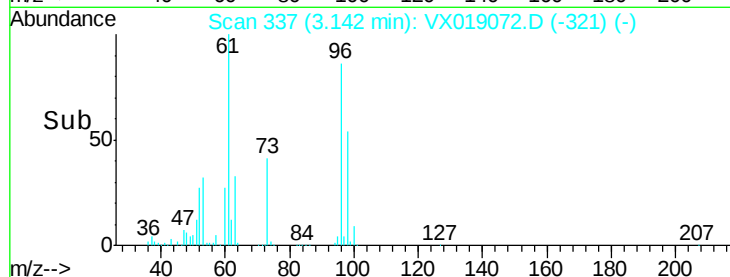
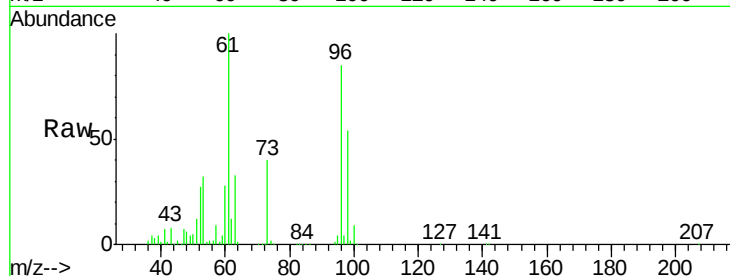
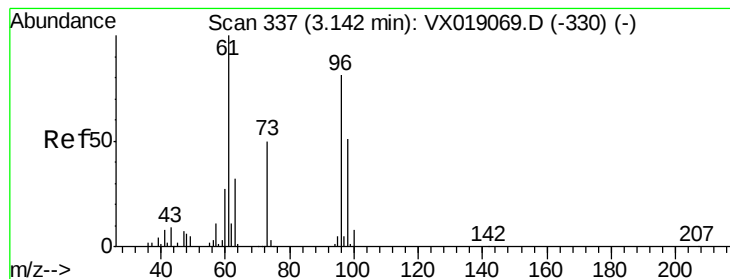
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#18
Methylene Chloride
Concen: 150.899 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	100.9	80.9	121.3
51	31.2	23.8	35.6
86	65.6	50.6	75.8





#19

trans-1,2-Dichloroethene

Concen: 158.896 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Tot Ion:	96	Resp:	443734
Ion	Ratio	Lower	Upper
96	100		
61	117.0	98.4	147.6
98	63.4	49.9	74.9

Instrument :

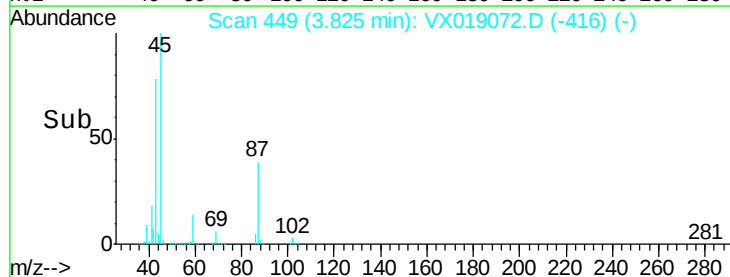
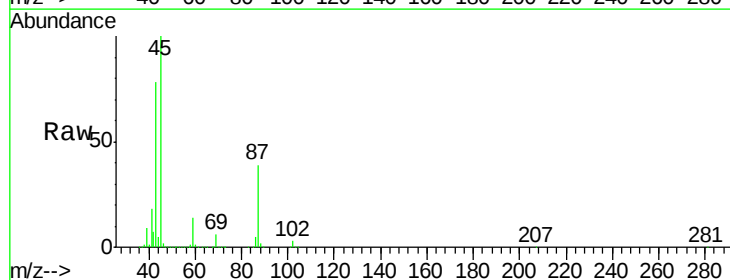
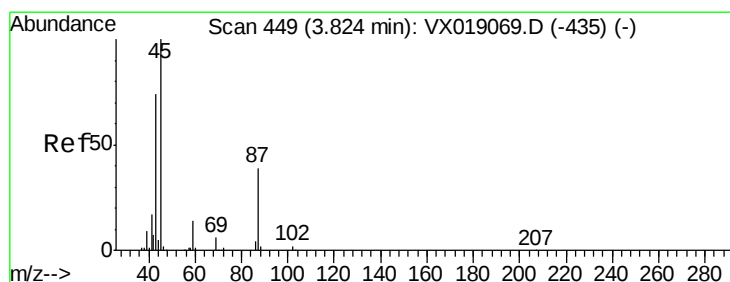
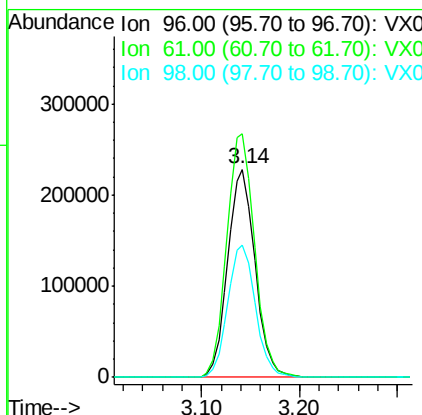
MSVOA_X

ClientSampleId :

VSTDIC150

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#20

Diisopropyl ether

Concen: 143.700 ug/l

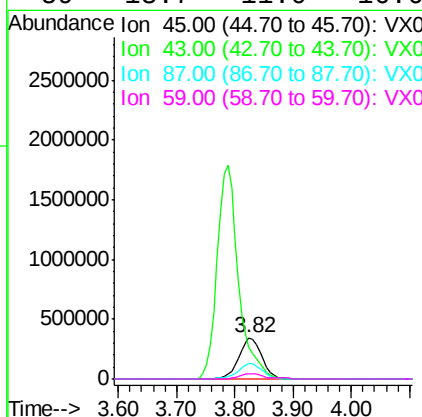
RT: 3.82 min Scan# 449

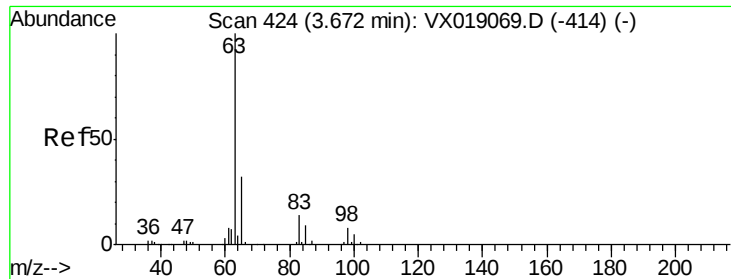
Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Tgt Ion:	45	Resp:	941451
Ion	Ratio	Lower	Upper
45	100		
43	78.0	60.6	91.0
87	38.7	30.9	46.3
59	13.7	11.0	16.6





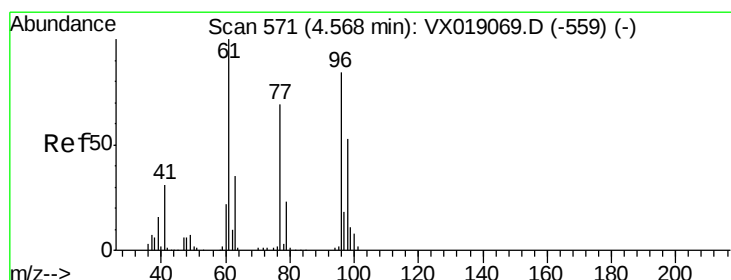
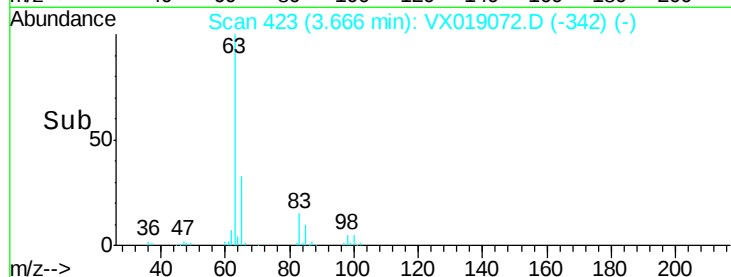
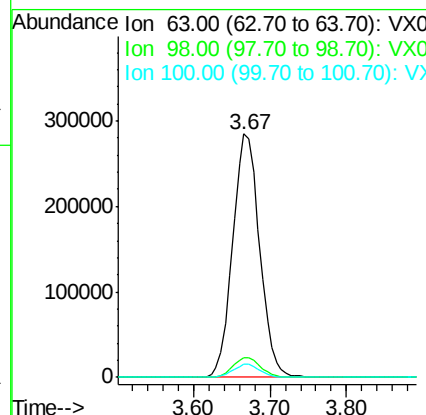
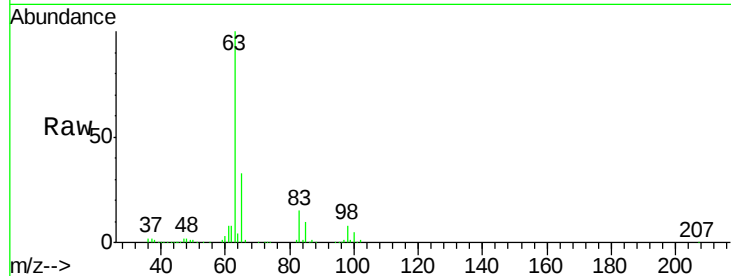
#21
1,1-Dichloroethane
Concen: 152.913 ug/l
RT: 3.67 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	8.2	3.9	11.7
100	5.3	2.4	7.2

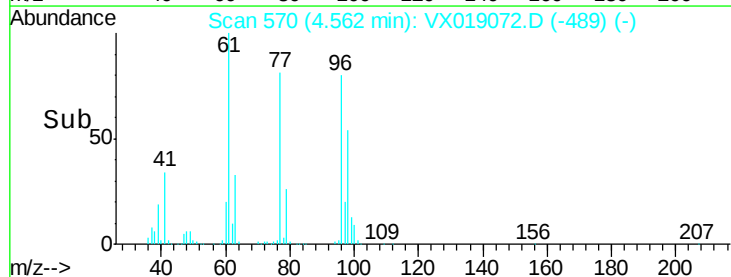
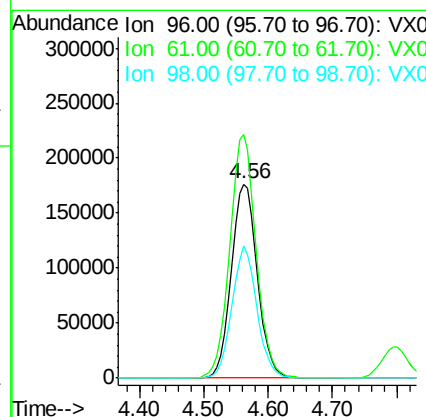
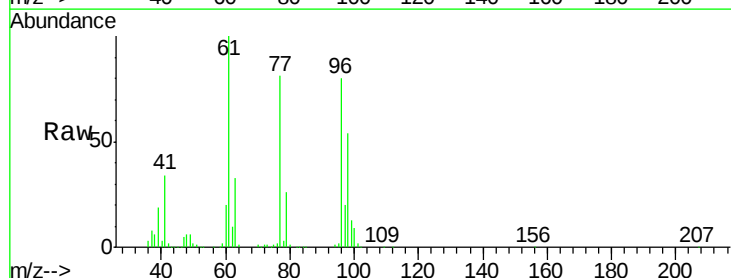
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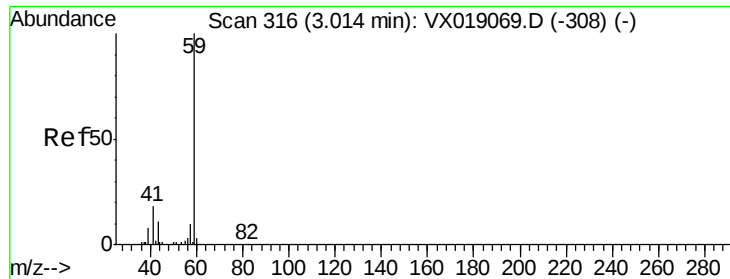
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#22
cis-1,2-Dichloroethene
Concen: 158.056 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	126.8	101.9	152.9
98	64.8	51.3	76.9





#23

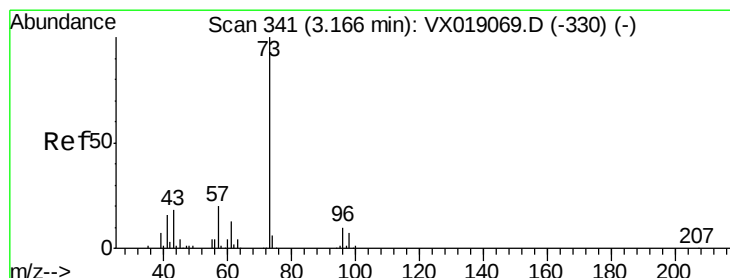
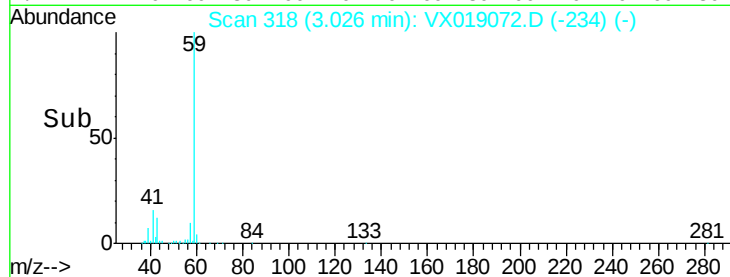
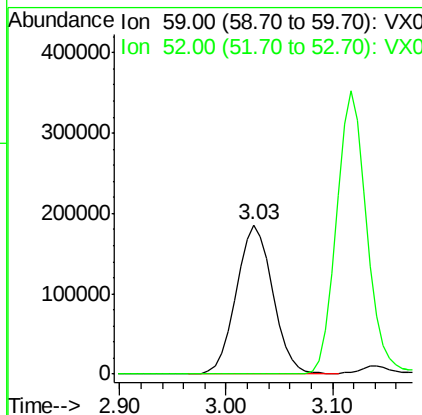
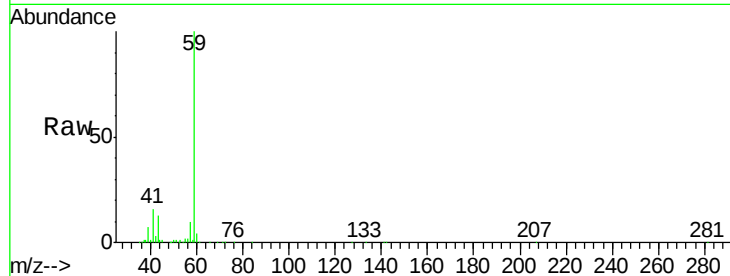
tert-Butyl Alcohol
Concen: 670.512 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 59 Resp: 448428
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.4#

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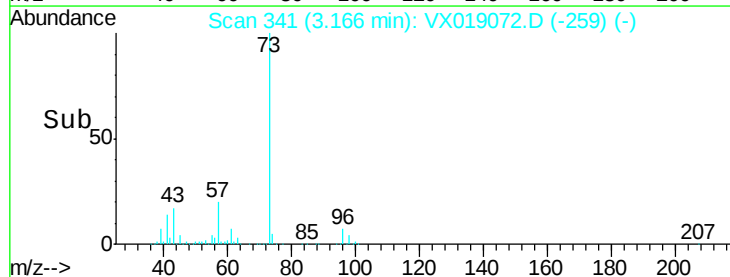
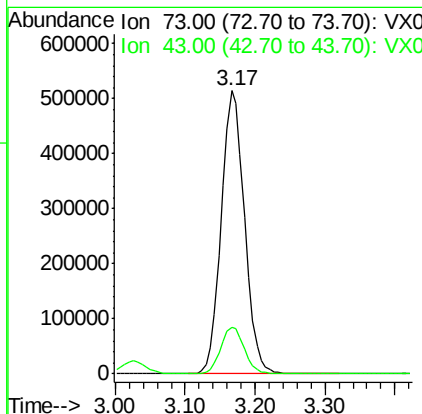
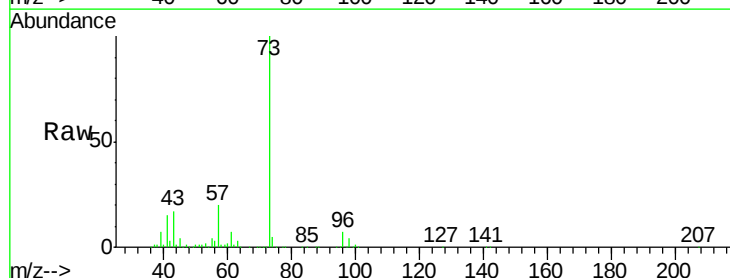
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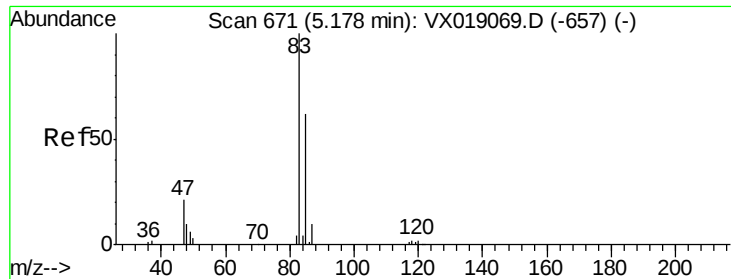


#24

Methyl tert-Butyl Ether
Concen: 156.521 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion: 73 Resp: 1189728
Ion Ratio Lower Upper
73 100
43 16.7 13.9 20.9





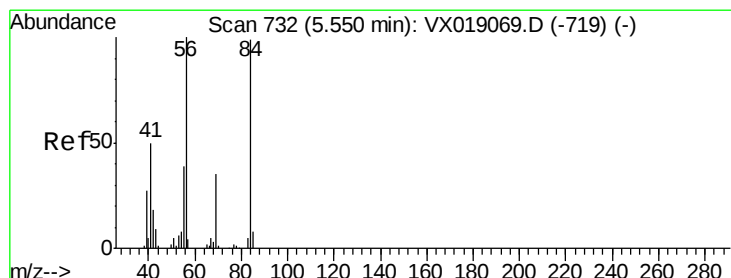
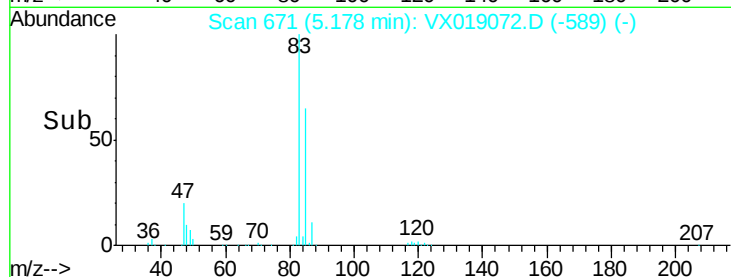
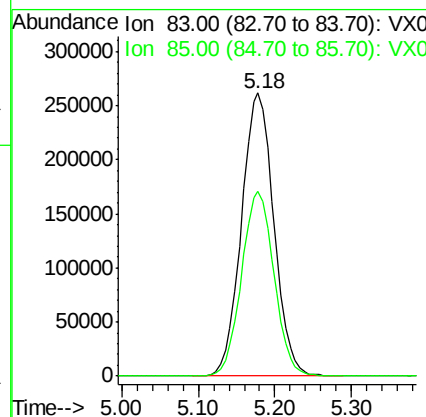
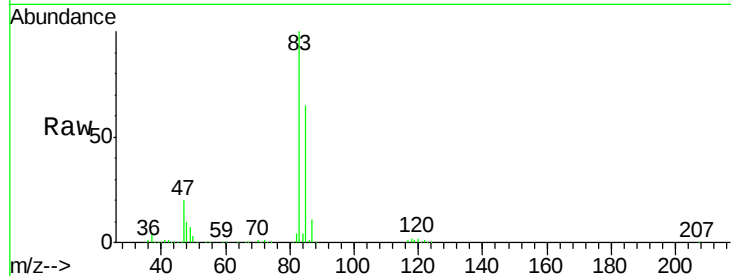
#25
Chloroform
Concen: 158.649 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	83	Resp	768214
Ion Ratio	100	Lower	Upper
85	65.2	49.8	74.8

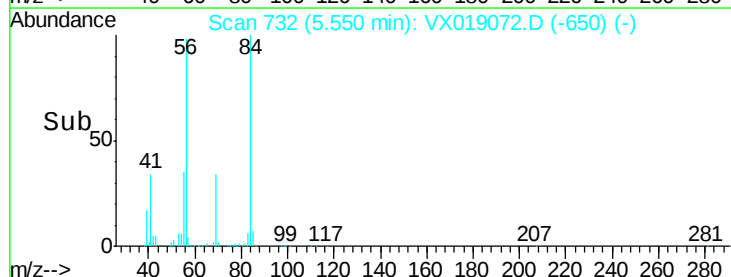
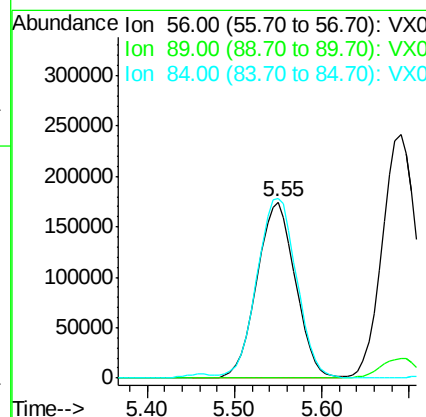
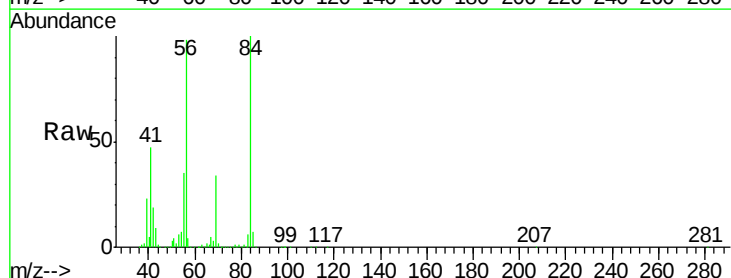
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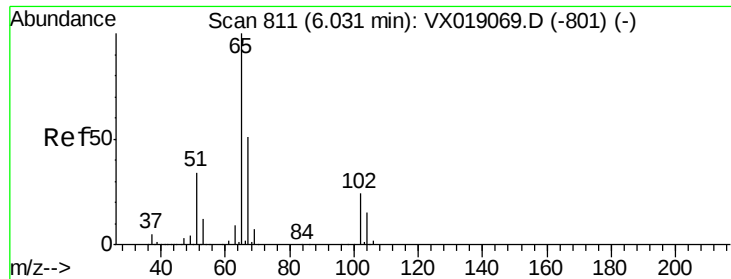
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#26
Cyclohexane
Concen: 147.373 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion	56	Resp	533486
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0
84	105.3	83.7	125.5





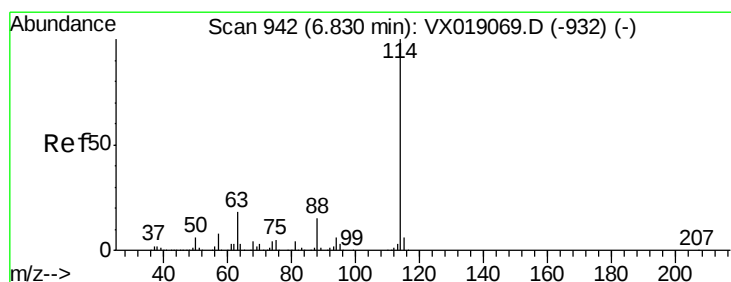
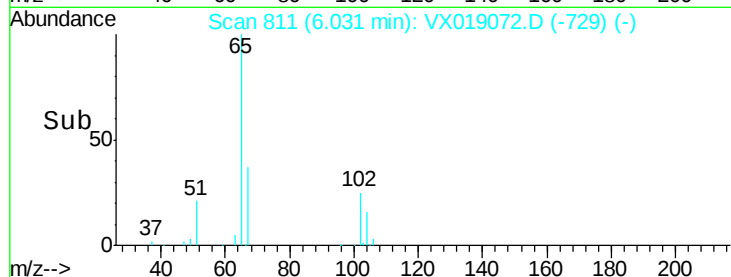
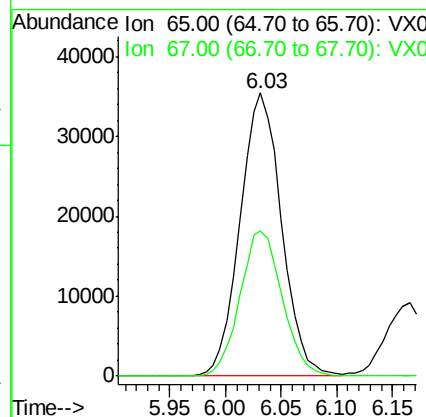
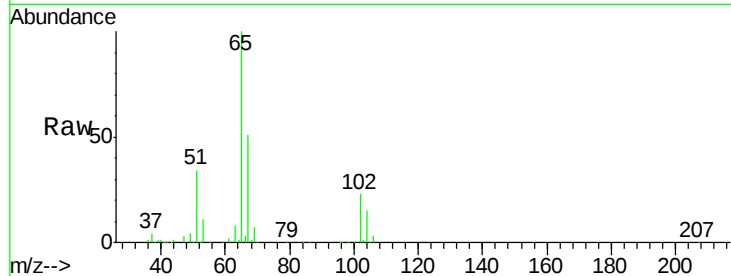
#27
 1,2-Dichloroethane-d4
 Concen: 30.230 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	42.0	63.0

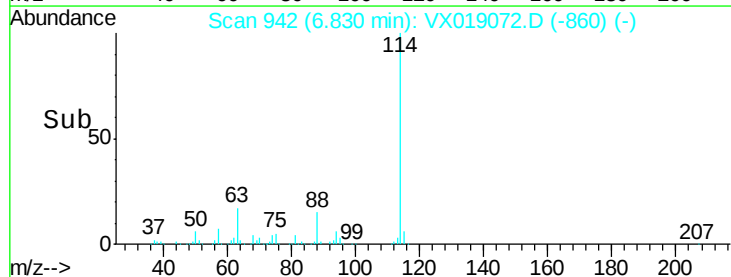
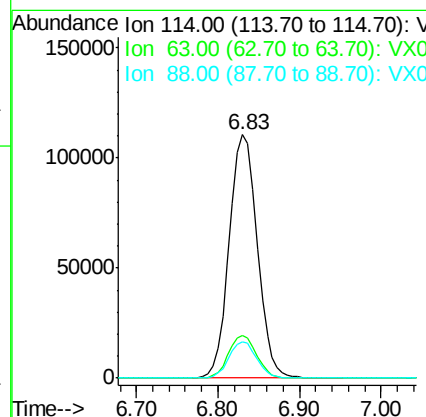
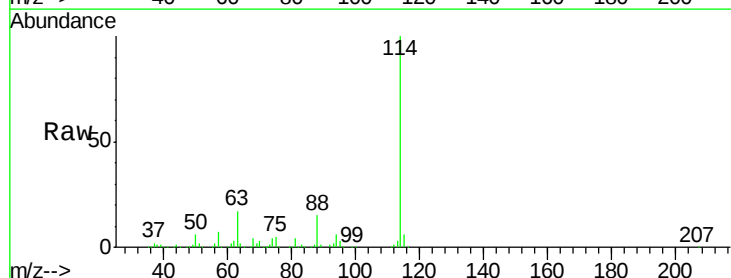
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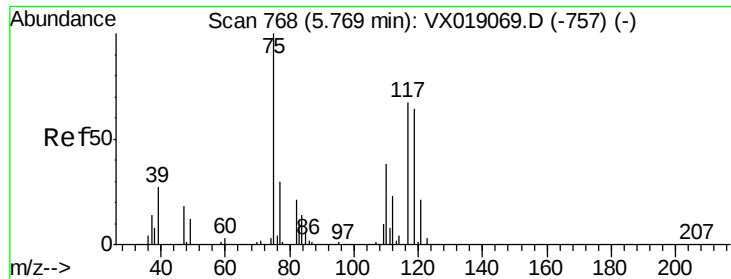
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.5	14.6	21.8
88	14.9	12.2	18.2





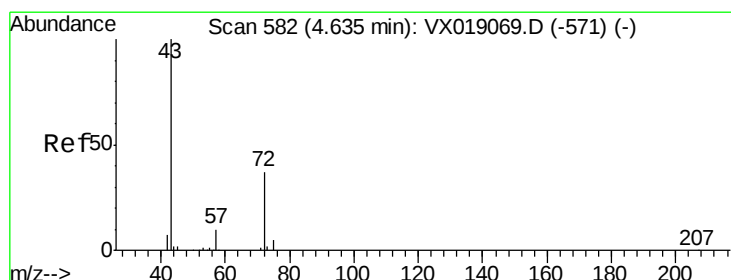
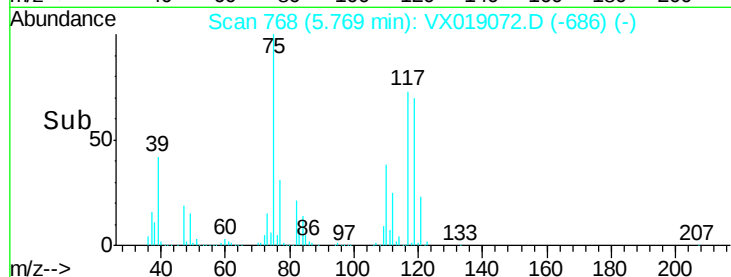
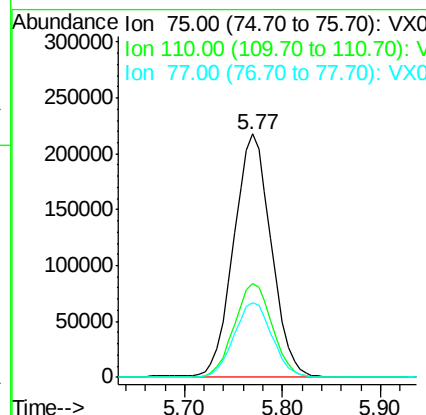
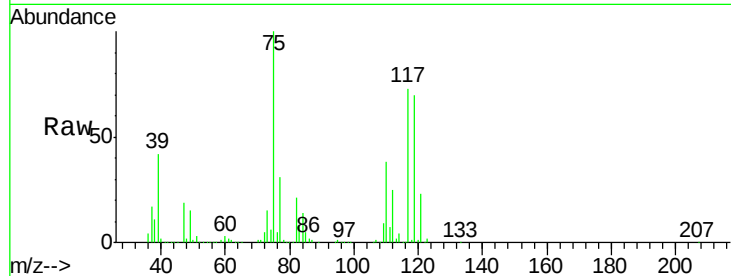
#29
 1,1-Dichloropropene
 Concen: 154.815 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	39.1	0.0	77.4
77	31.1	0.0	62.8

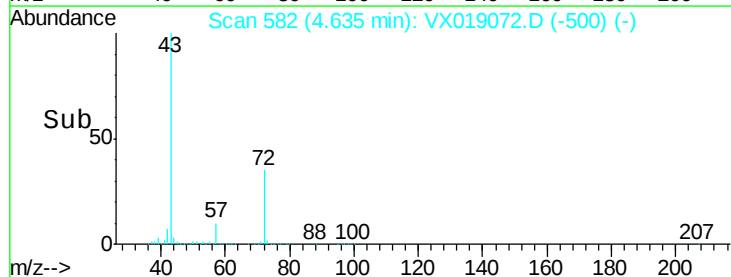
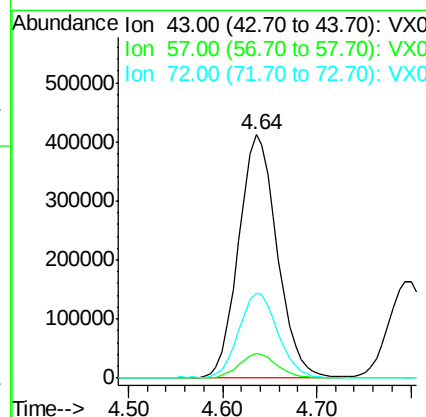
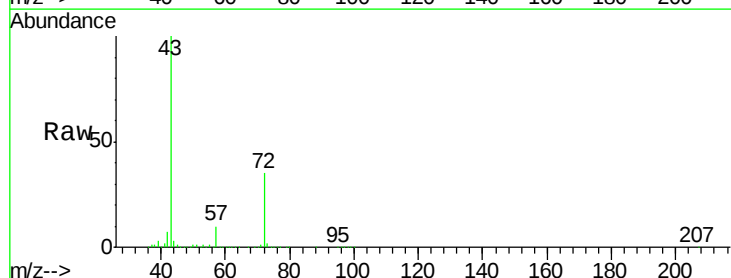
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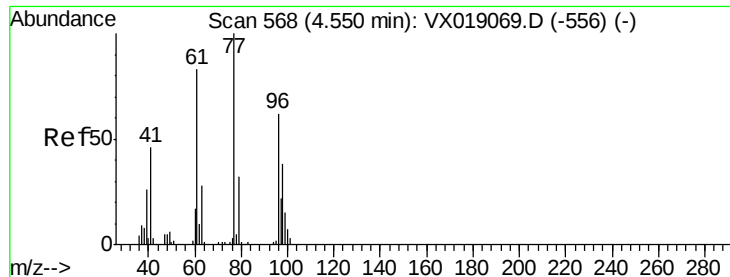
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#30
 2-Butanone
 Concen: 651.624 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	9.9	7.8	11.6
72	35.4	28.1	42.1





#31

2,2-Dichloropropane

Concen: 150.838 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 77 Resp: 662596

Ion Ratio Lower Upper

77 100

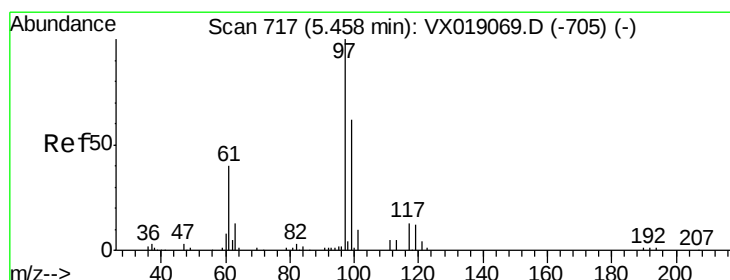
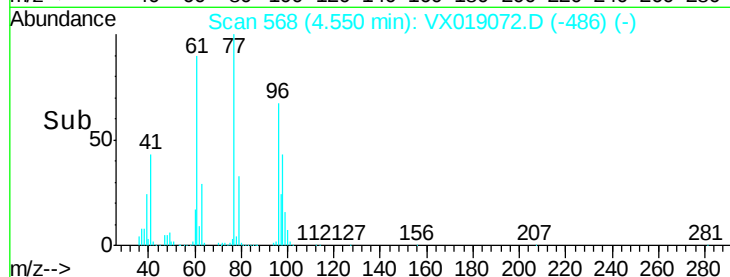
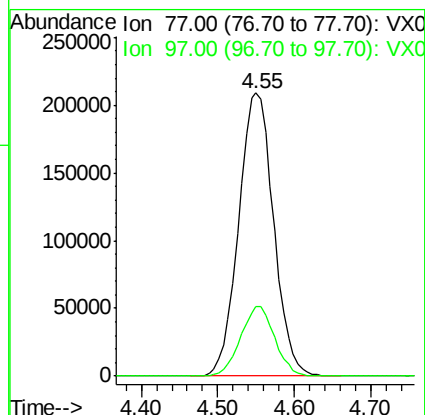
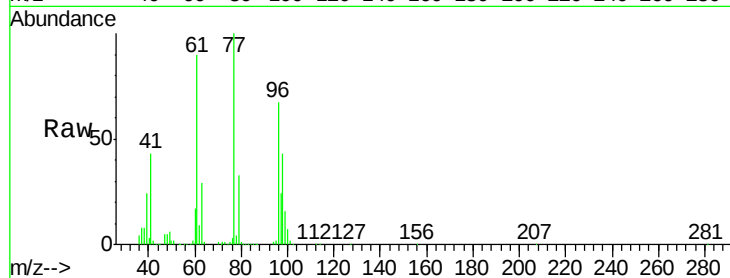
97 24.2 19.2 28.8

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#32

1,1,1-Trichloroethane

Concen: 155.965 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

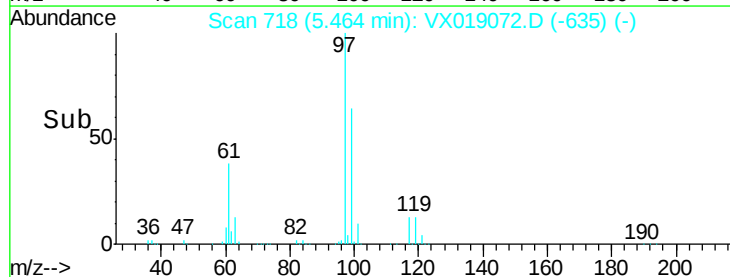
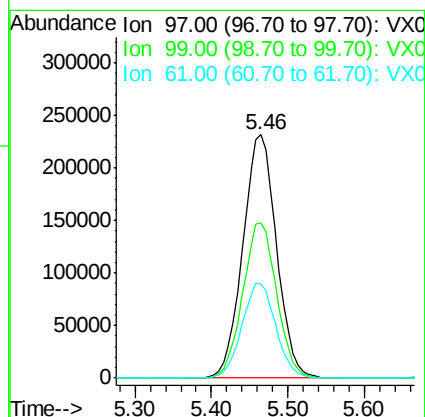
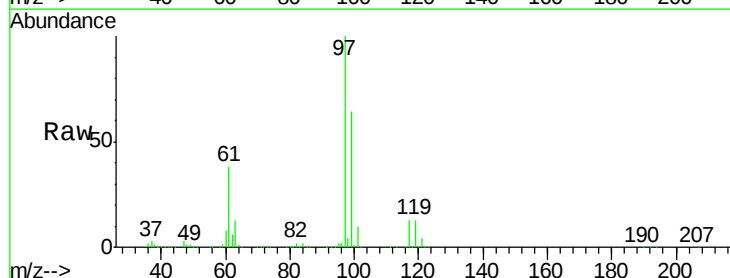
Tgt Ion: 97 Resp: 708692

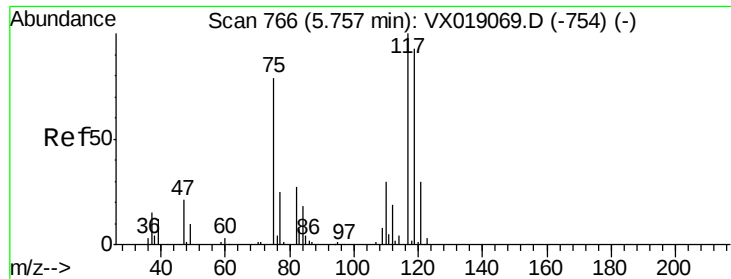
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.6

61 39.3 32.0 48.0





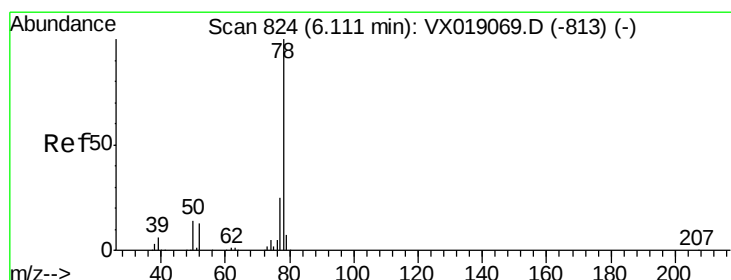
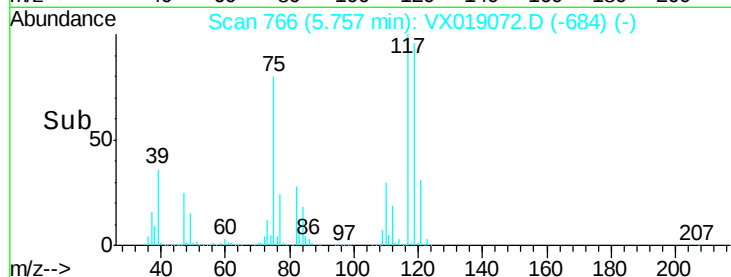
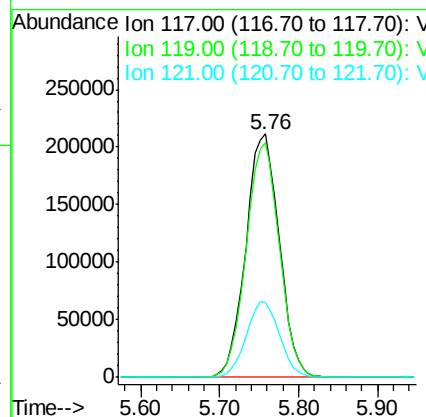
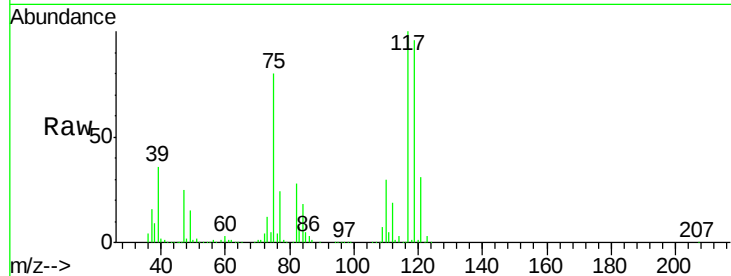
#33
Carbon Tetrachloride
Concen: 151.705 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.3	74.5	111.7
121	30.9	24.1	36.1

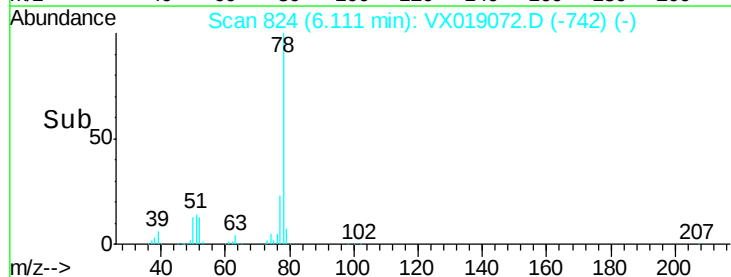
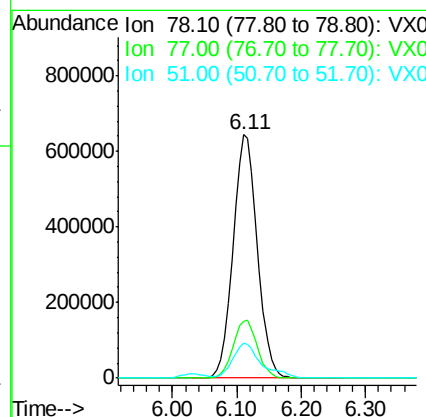
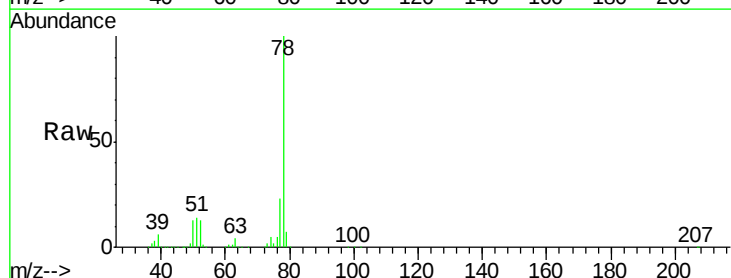
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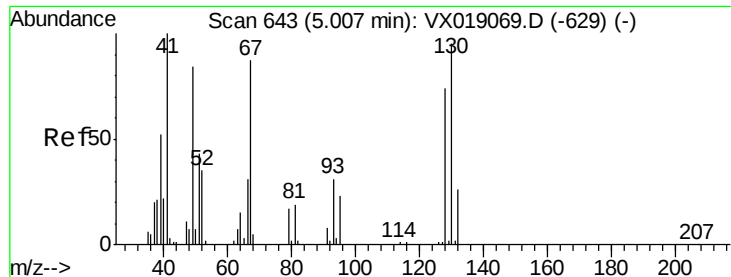
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#34
Benzene
Concen: 153.074 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	20.1	30.1
51	14.3	11.0	16.4





#35

Methacrylonitrile

Concen: 133.640 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

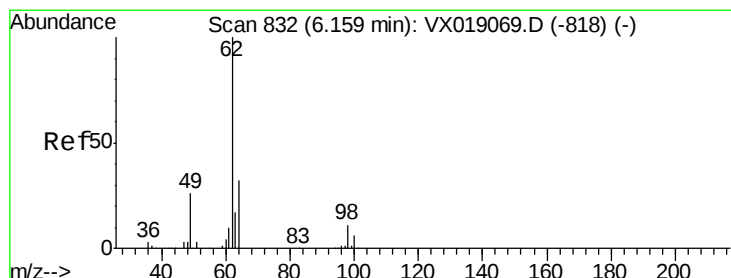
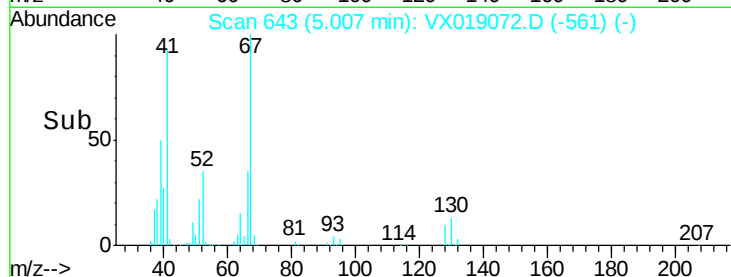
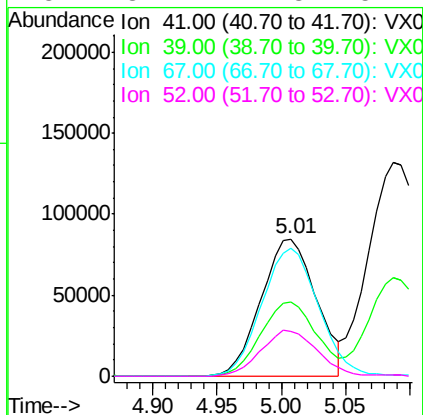
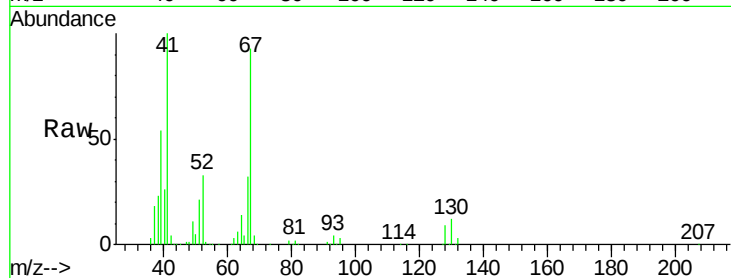
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
252510	41	100		
	39	54.2	25.8	77.4
	67	93.5	43.6	130.8
	52	32.7	17.3	51.7

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#36

1,2-Dichloroethane

Concen: 157.280 ug/l

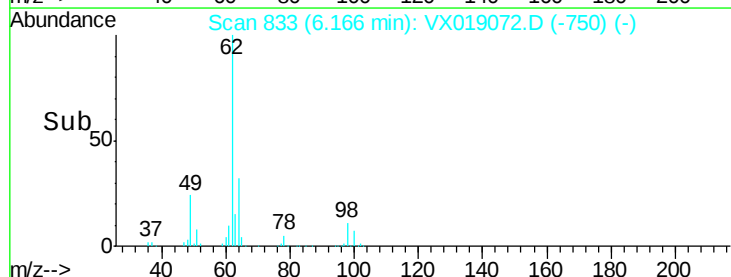
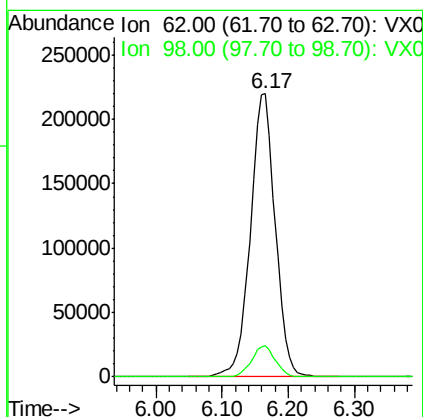
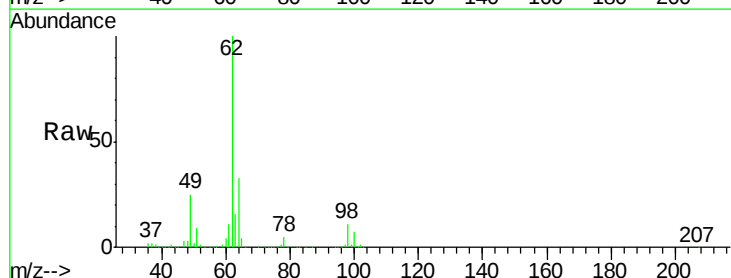
RT: 6.17 min Scan# 833

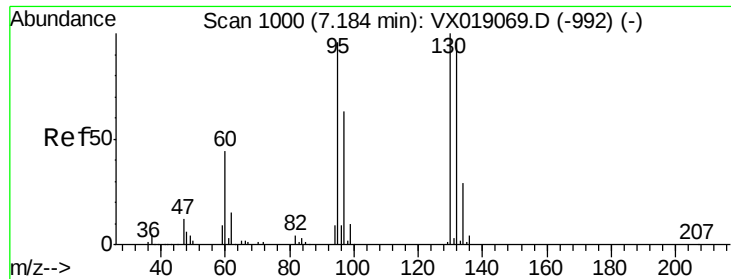
Delta R.T. 0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Tgt Ion	Ion	Ratio	Lower	Upper
577307	62	100		
	98	10.6	8.4	12.6





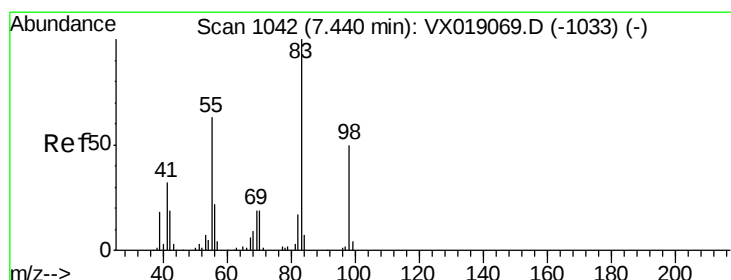
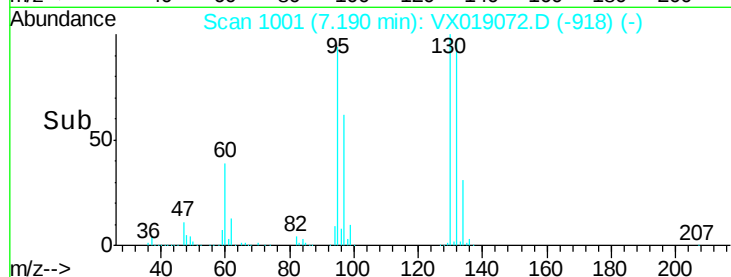
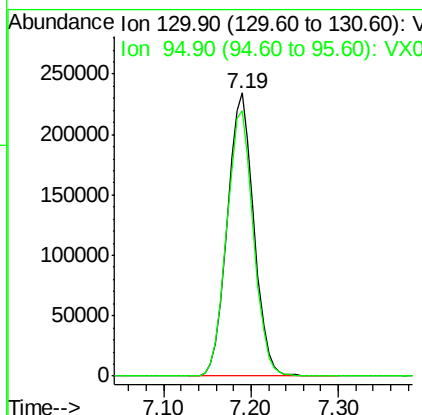
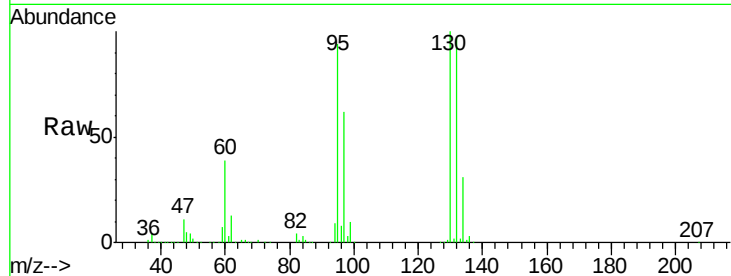
#37
 Trichloroethene
 Concen: 152.793 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
130	100	493986		
95	93.6	76.8	115.2	

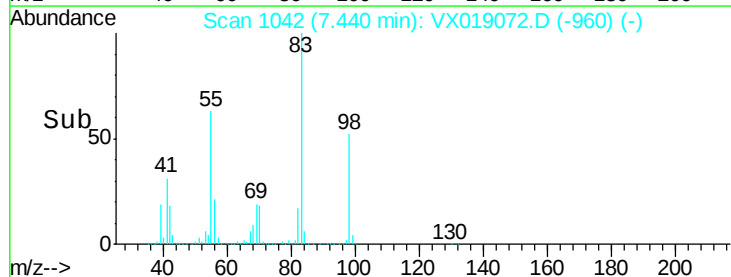
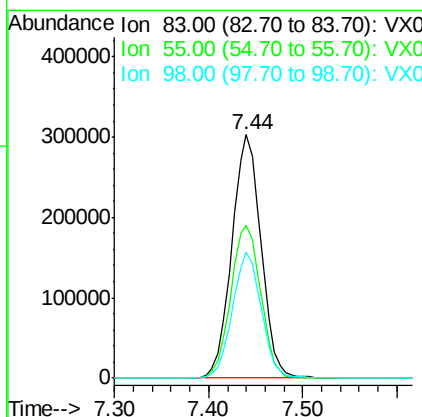
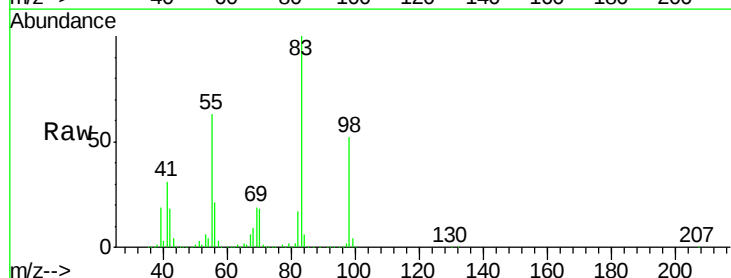
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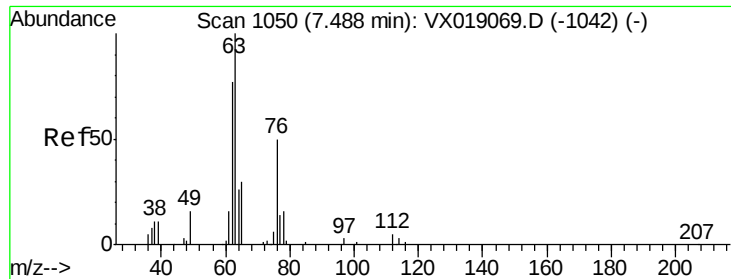
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#38
 Methylcyclohexane
 Concen: 153.353 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	652339		
55	64.4	32.3	96.8	
98	51.2	25.7	77.1	





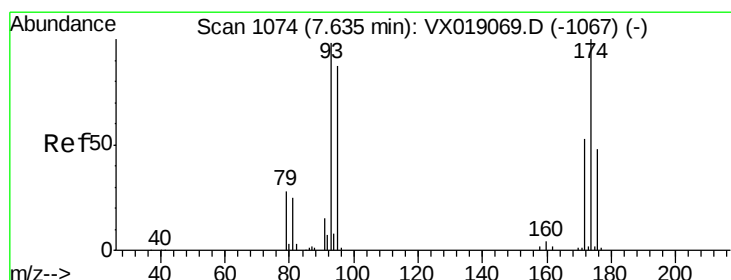
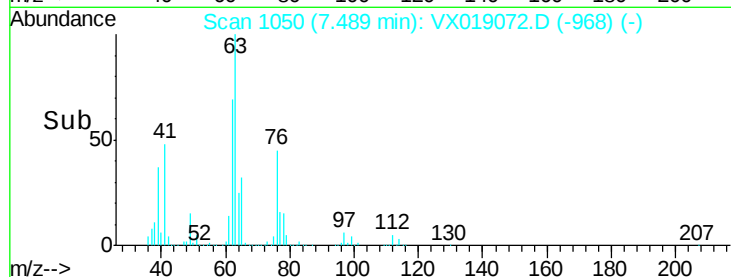
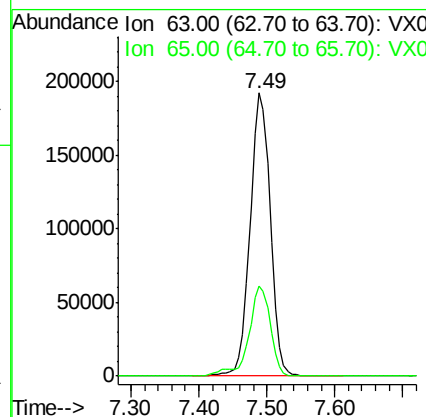
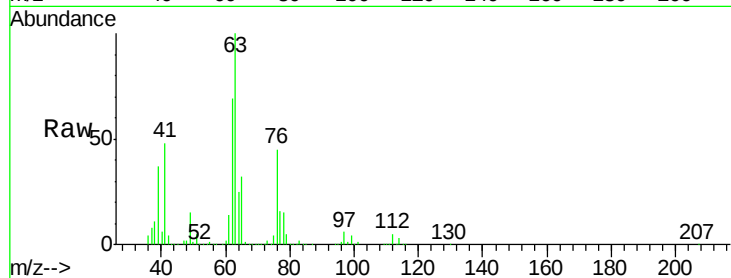
#39
 1,2-Dichloropropane
 Concen: 148.257 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.8	38.8

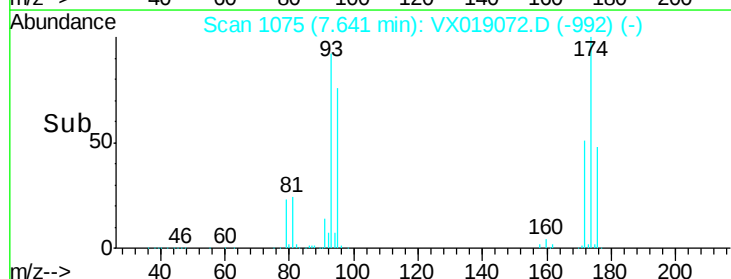
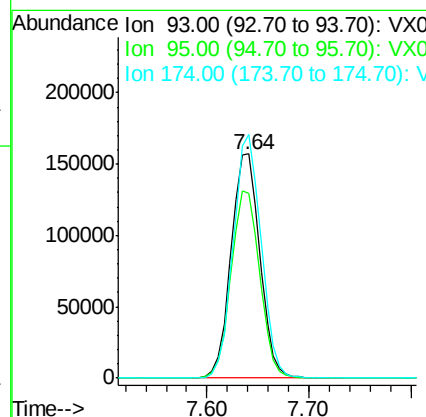
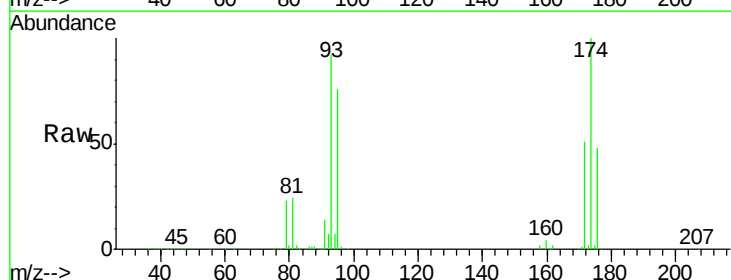
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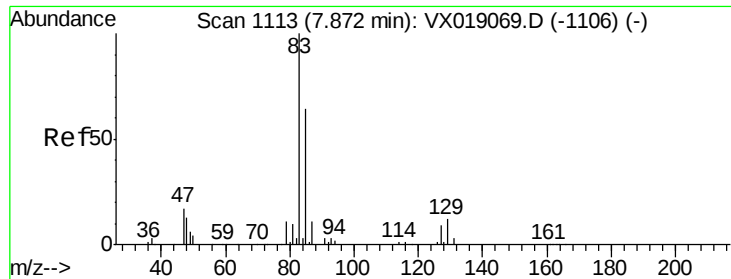
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#40
 Dibromomethane
 Concen: 154.378 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	0.0	169.0
174	105.4	0.0	205.4





#41

Bromodichloromethane

Concen: 152.771 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

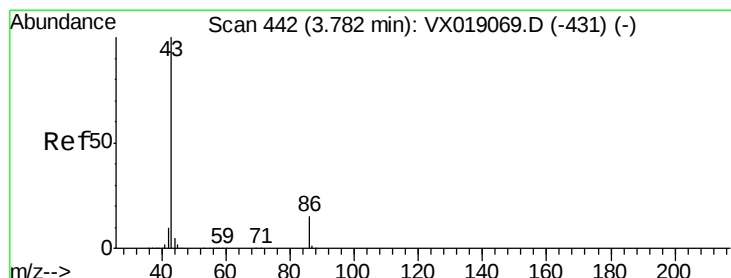
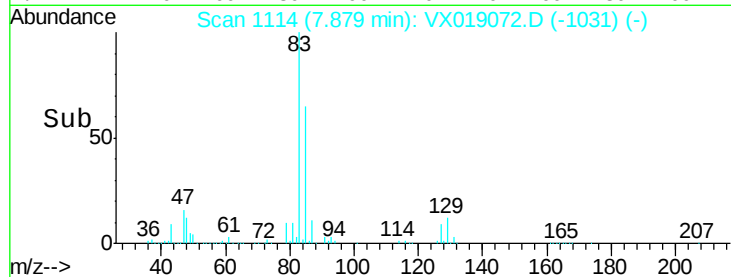
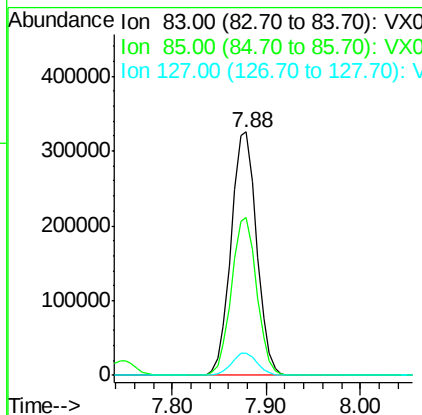
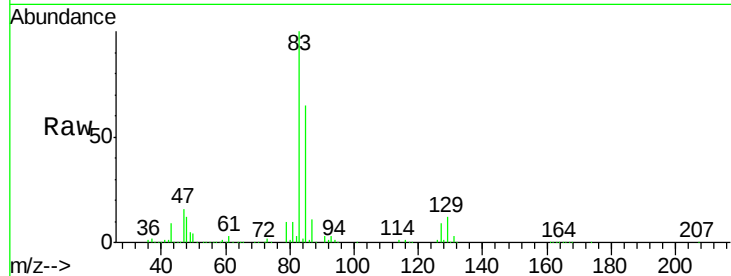
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	613804
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.2	76.8
127	9.1	7.1	10.7

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#42

Vinyl Acetate

Concen: 693.704 ug/l

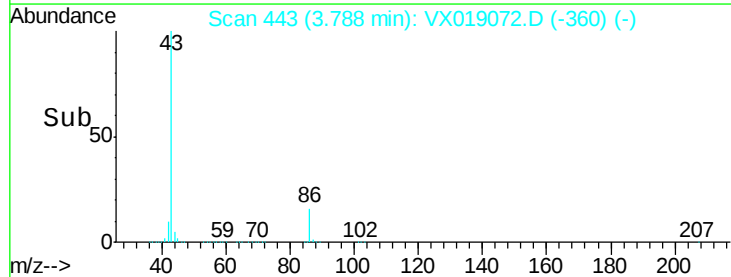
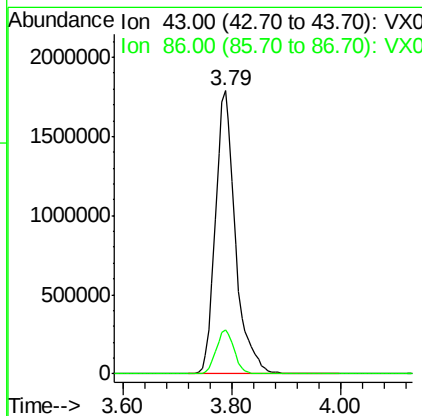
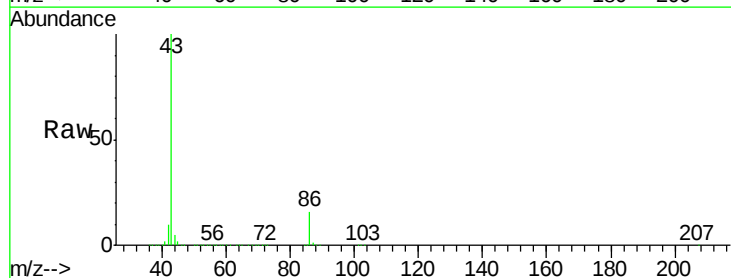
RT: 3.79 min Scan# 443

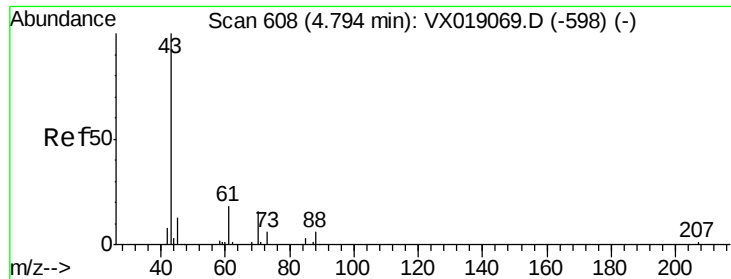
Delta R.T. 0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Tgt Ion:	43	Resp:	4549399
Ion	Ratio	Lower	Upper
43	100		
86	14.0	10.6	15.8





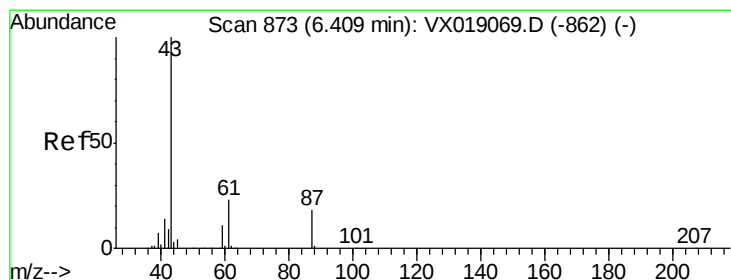
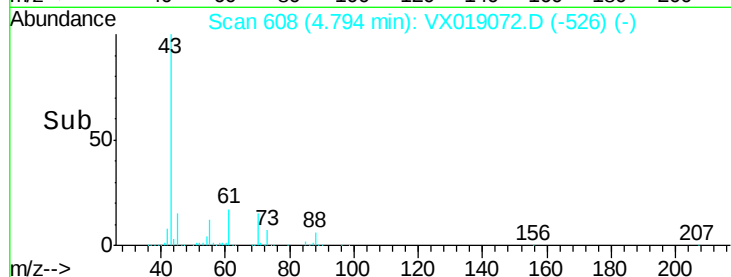
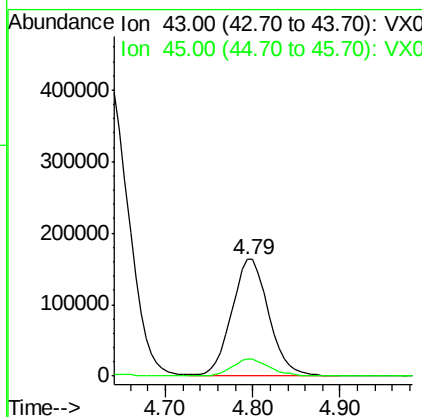
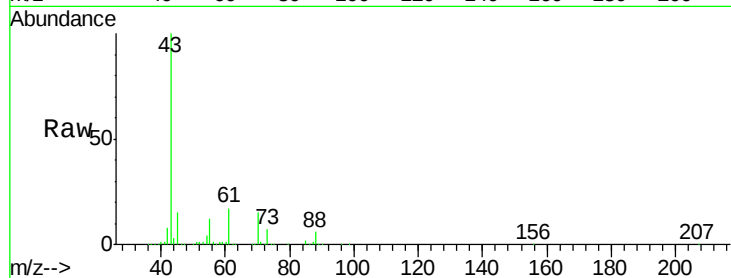
#43
Ethyl Acetate
Concen: 126.777 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 476824
Ion Ratio Lower Upper
43 100
45 15.4 12.7 19.1

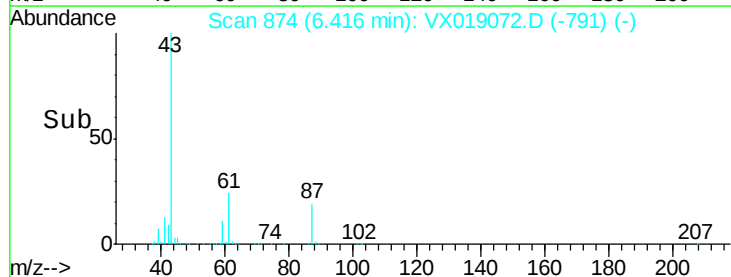
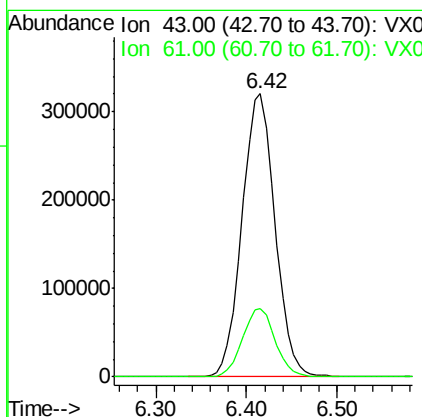
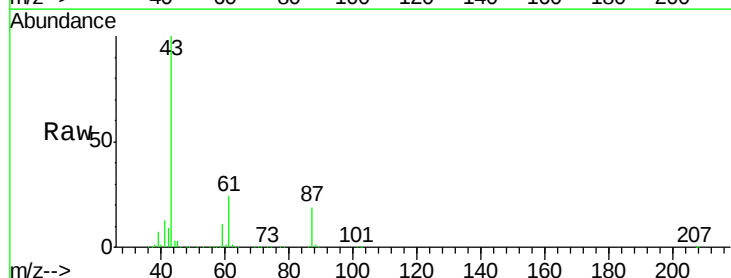
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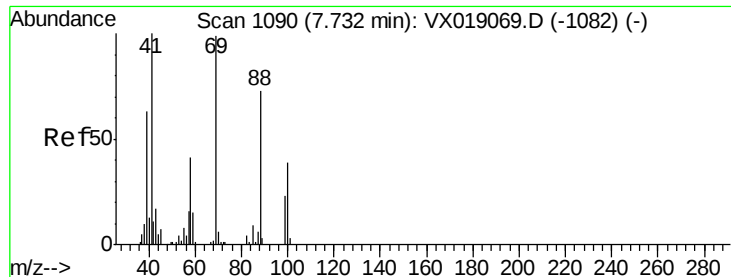
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#44
Isopropyl Acetate
Concen: 133.313 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion: 43 Resp: 805784
Ion Ratio Lower Upper
43 100
61 24.1 19.1 28.7





#45

1,4-Dioxane

Concen: 2861.766 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

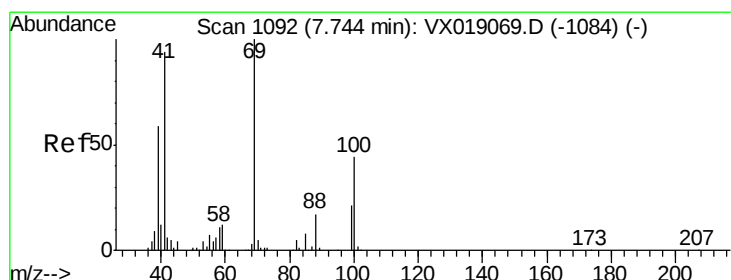
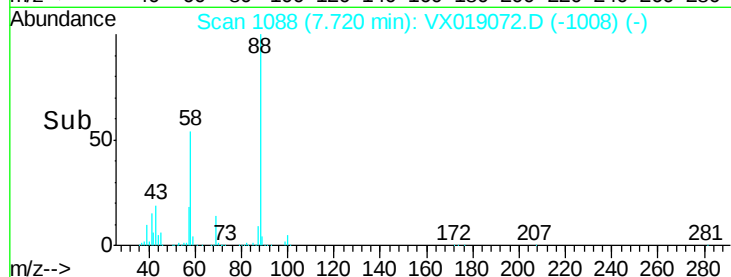
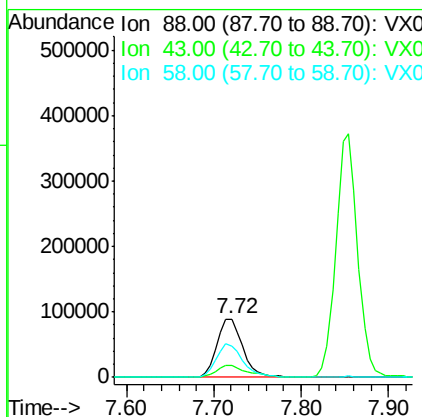
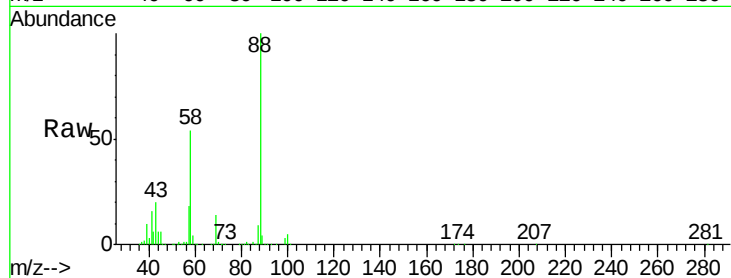
ClientSampleId :

VSTDIC150

Tot Ion:	88	Resp:	183348
Ion	Ratio	Lower	Upper
88	100		
43	24.4	20.5	30.7
58	58.4	47.4	71.2

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#46

Methyl methacrylate

Concen: 135.150 ug/l

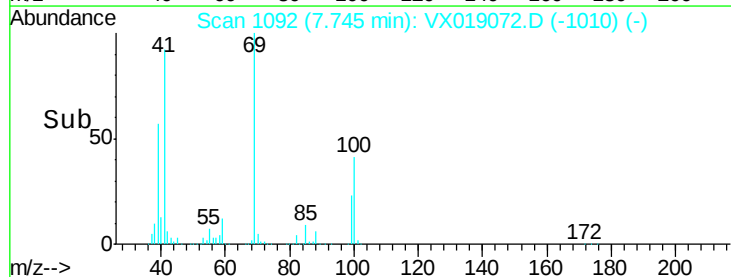
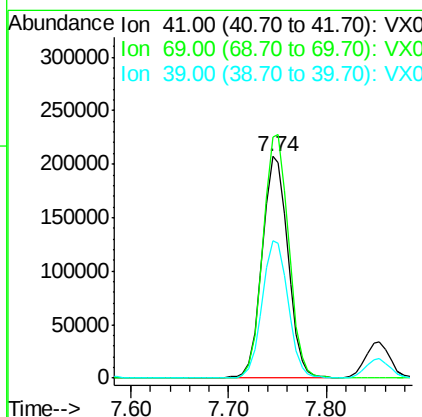
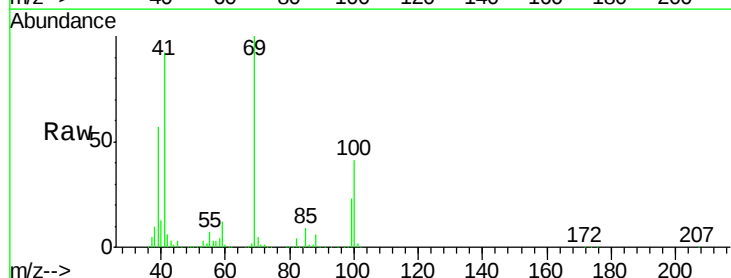
RT: 7.74 min Scan# 1092

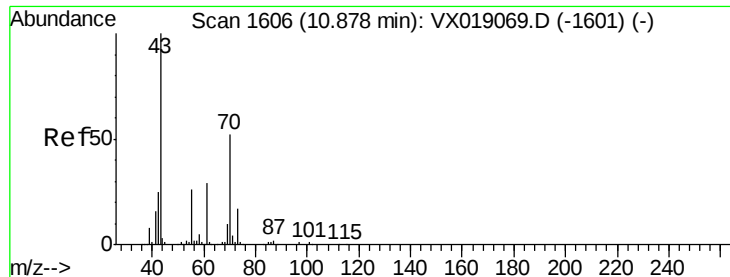
Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Tgt Ion:	41	Resp:	381135
Ion	Ratio	Lower	Upper
41	100		
69	109.0	53.1	159.4
39	62.0	31.3	93.9





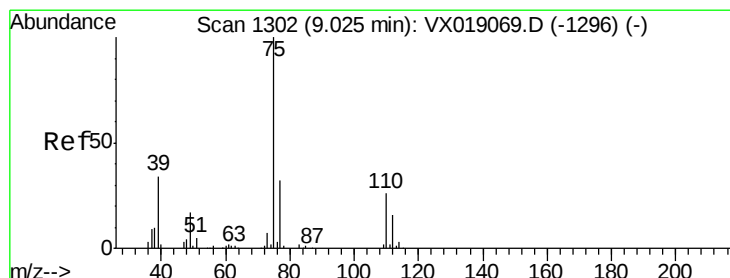
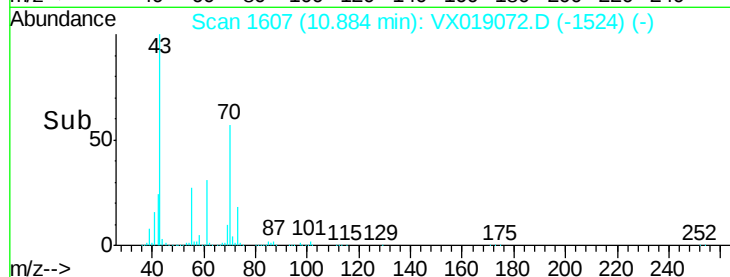
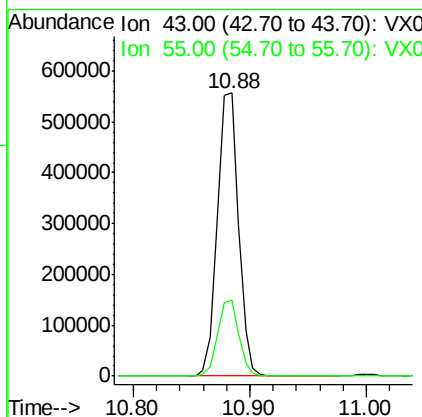
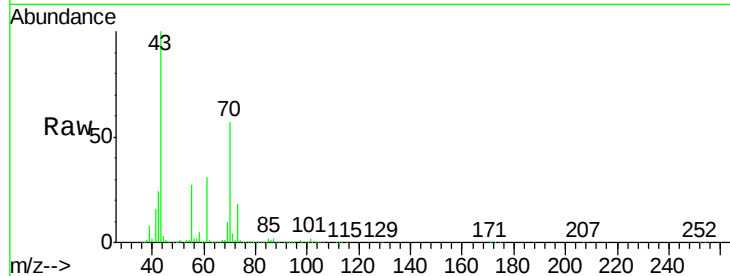
#47
n-amvl Acetate
Concen: 139.847 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 693800
Ion Ratio Lower Upper
43 100
55 26.7 21.5 32.3

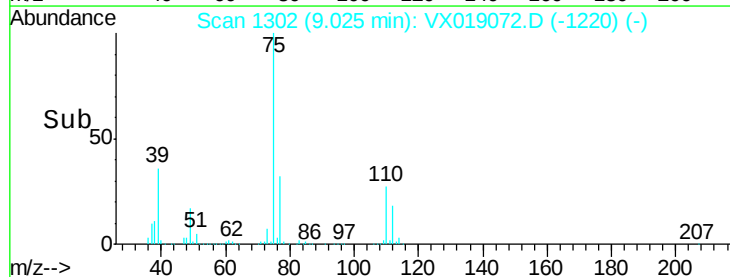
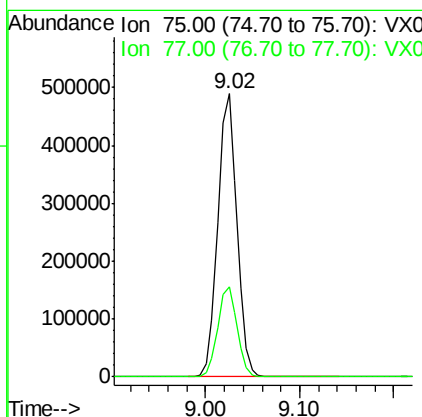
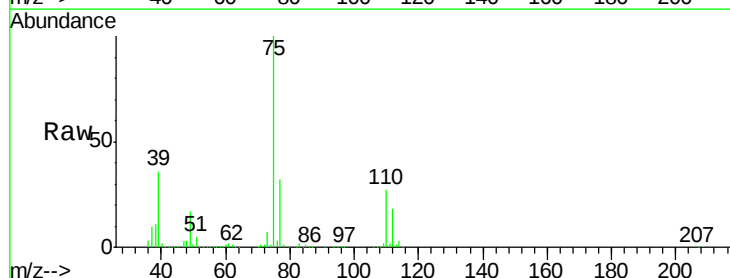
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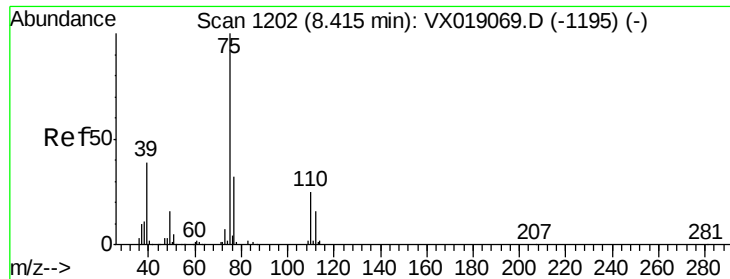
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#48
t-1,3-Dichloropropene
Concen: 151.062 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion: 75 Resp: 689190
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 150.107 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

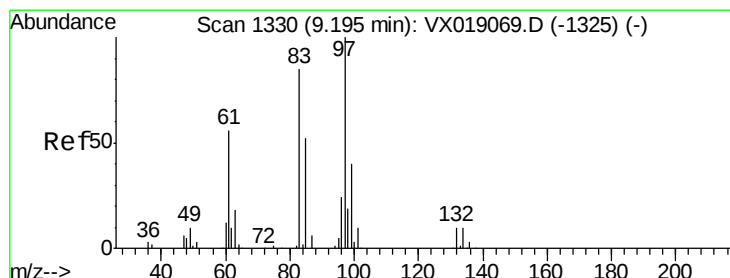
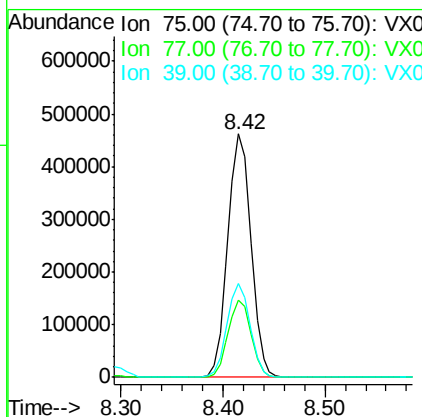
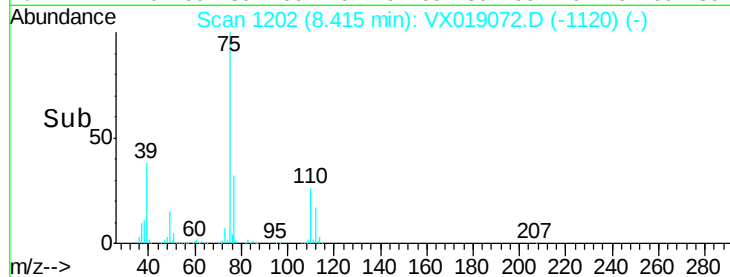
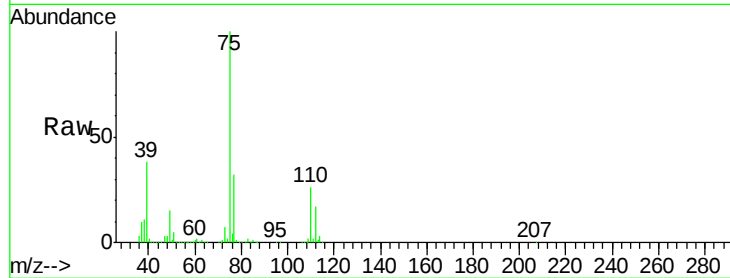
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	728519
Ion Ratio	Lower	Upper	
75	100		
77	31.8	25.8	38.8
39	38.4	31.0	46.6

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#50

1,1,2-Trichloroethane

Concen: 155.272 ug/l

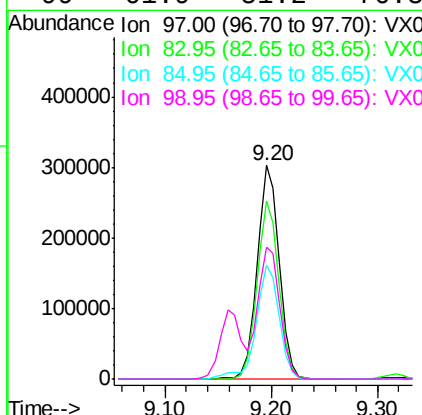
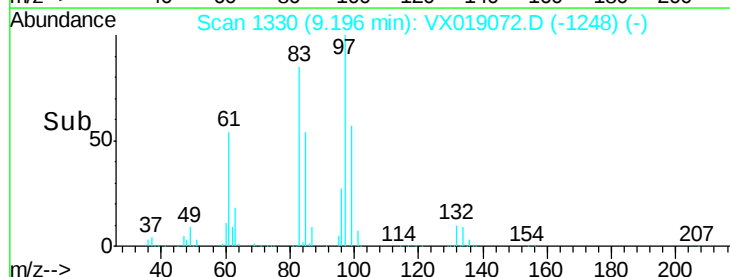
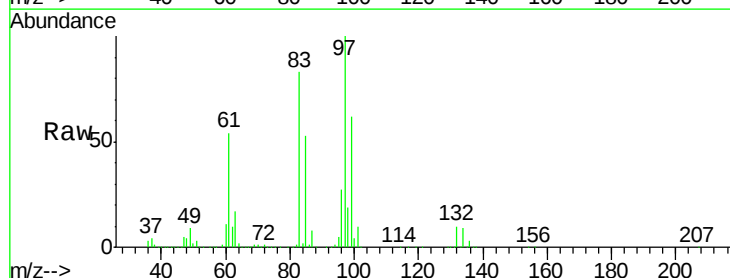
RT: 9.20 min Scan# 1330

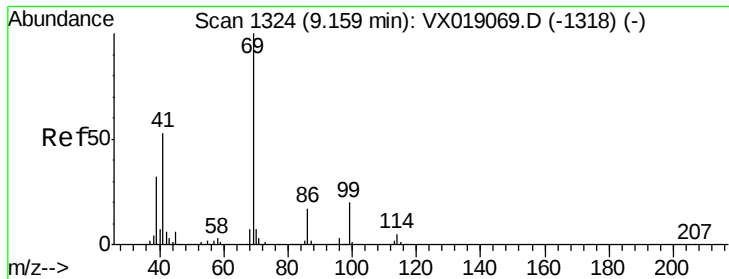
Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Tgt Ion:	97	Resp:	439783
Ion Ratio	Lower	Upper	
97	100		
83	83.5	67.8	101.6
85	53.4	43.5	65.3
99	61.9	51.2	76.8





#51

Ethyl methacrylate

Concen: 147.688 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

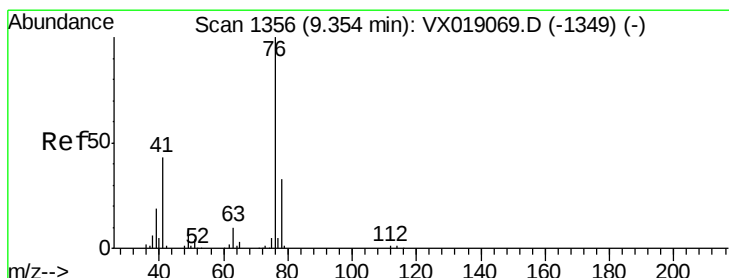
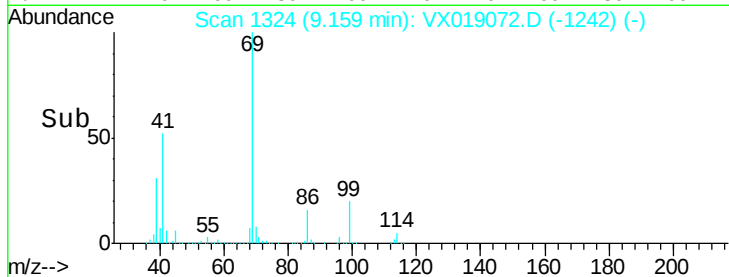
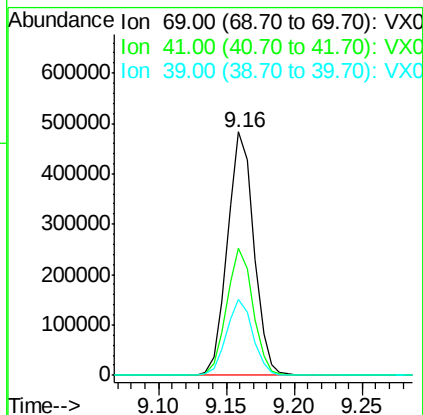
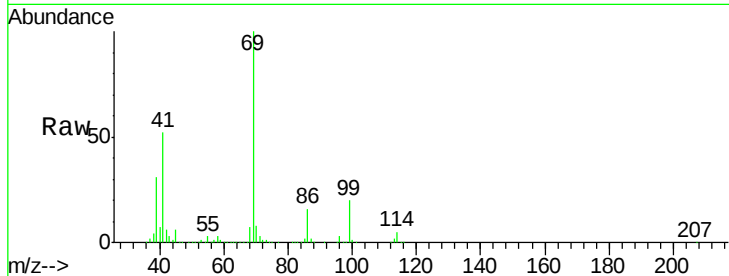
ClientSampleId :

VSTDIC150

Tot Ion:	69	Resp:	652656
Ion Ratio	Lower	Upper	
69	100		
41	52.3	26.5	79.4
39	31.3	16.2	48.6

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#52

1,3-Dichloropropane

Concen: 149.735 ug/l

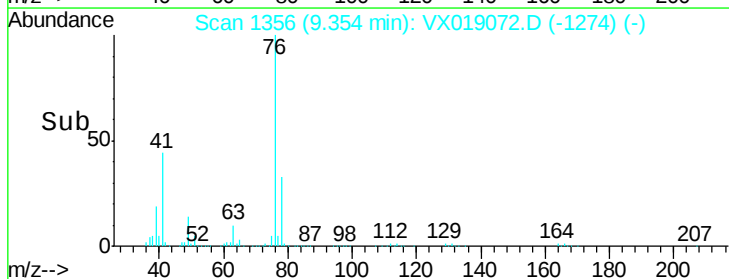
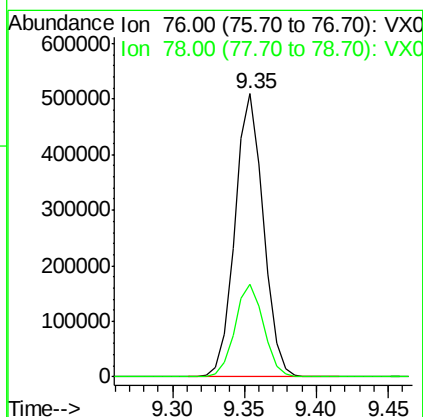
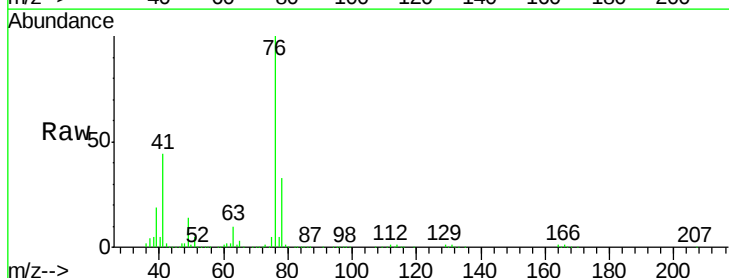
RT: 9.35 min Scan# 1356

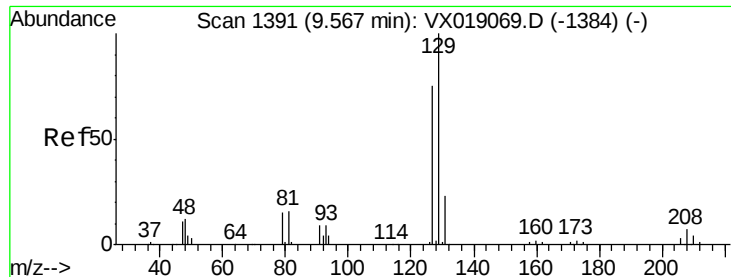
Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Tgt Ion:	76	Resp:	701819
Ion Ratio	Lower	Upper	
76	100		
78	33.0	0.0	65.2





#53

Dibromochloromethane

Concen: 156.021 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:129 Resp: 515505

Ion Ratio Lower Upper

129 100

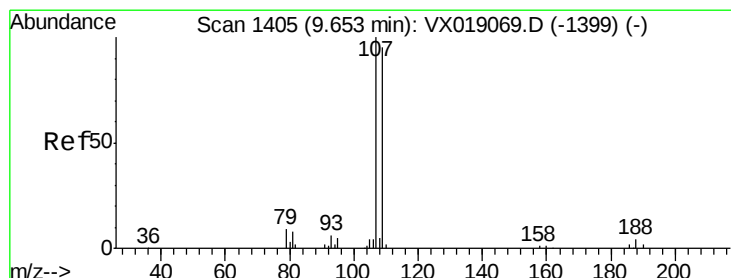
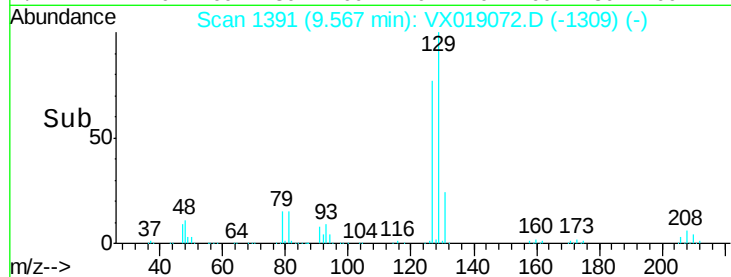
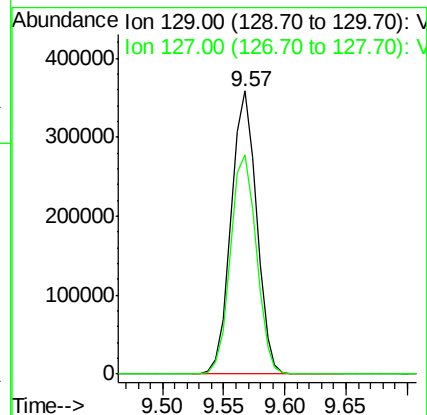
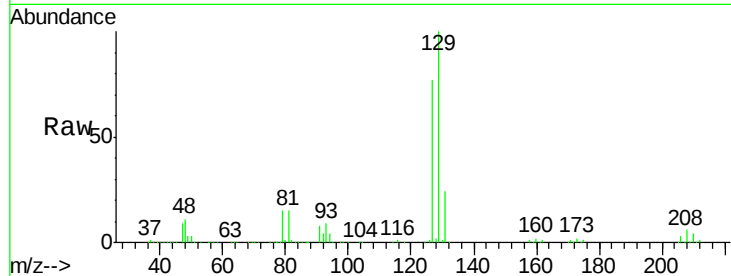
127 78.6 38.4 115.1

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#54

1,2-Dibromoethane

Concen: 151.129 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019072.D

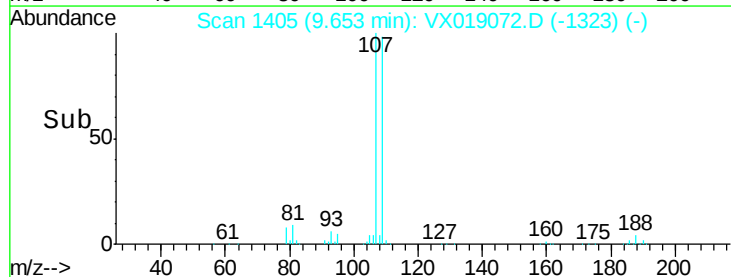
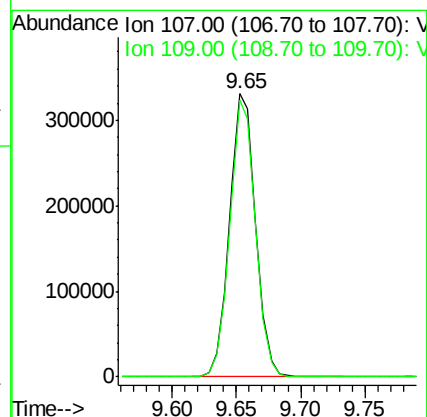
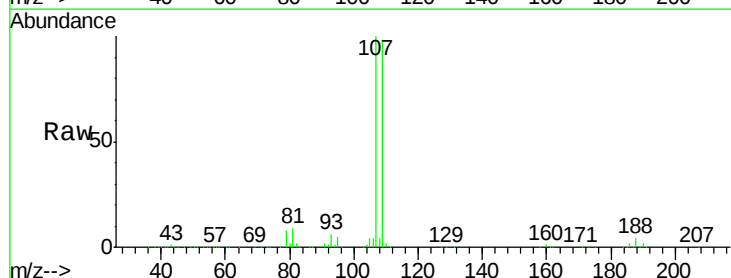
Acq: 23 Oct 2020 11:23

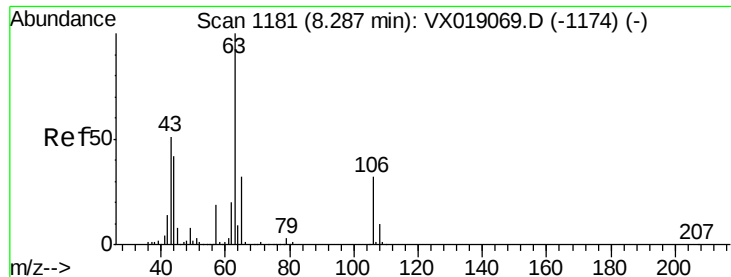
Tgt Ion:107 Resp: 470589

Ion Ratio Lower Upper

107 100

109 96.3 74.6 112.0





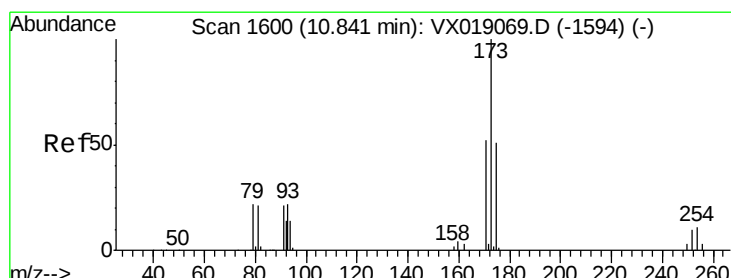
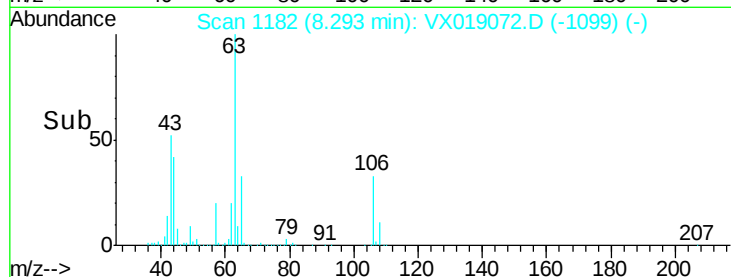
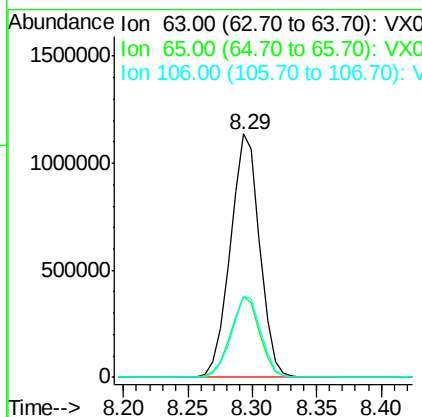
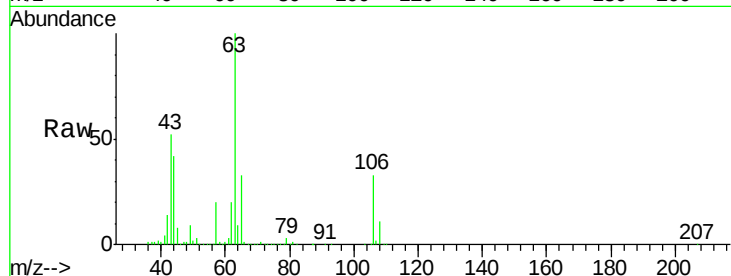
#55
 2-Chloroethyl vinyl ether
 Concen: 754.732 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.1	26.0	39.0
106	33.5	25.9	38.9

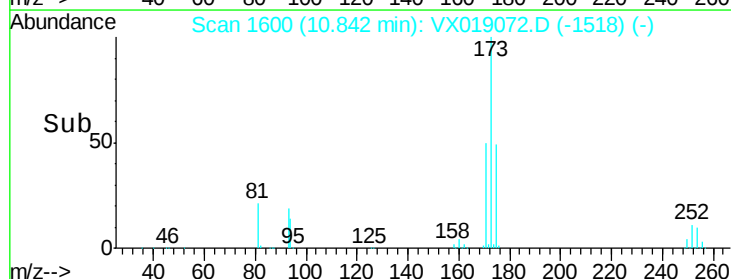
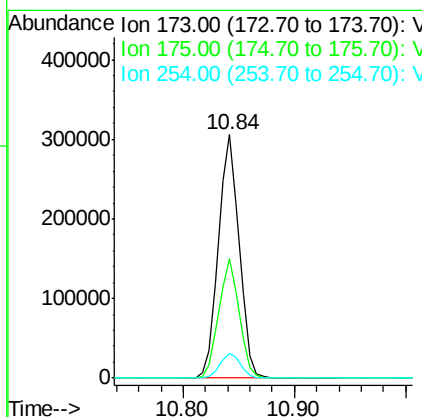
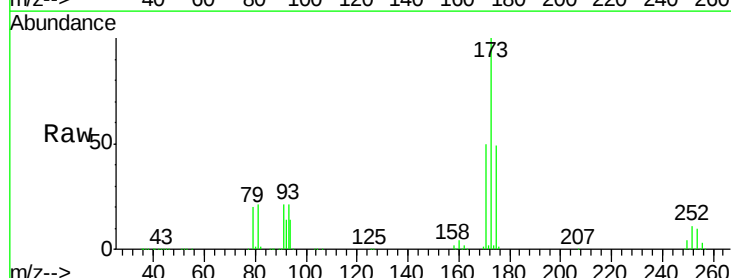
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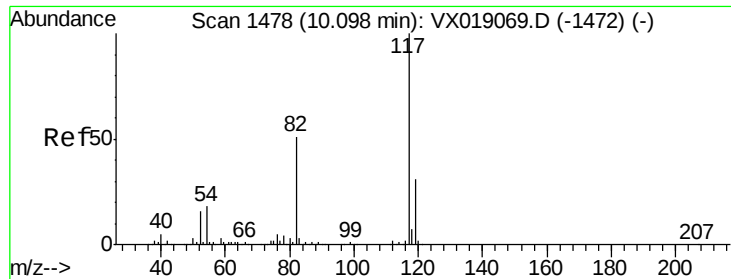
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#56
 Bromoform
 Concen: 155.723 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	39.6	59.4
254	10.3	8.6	13.0





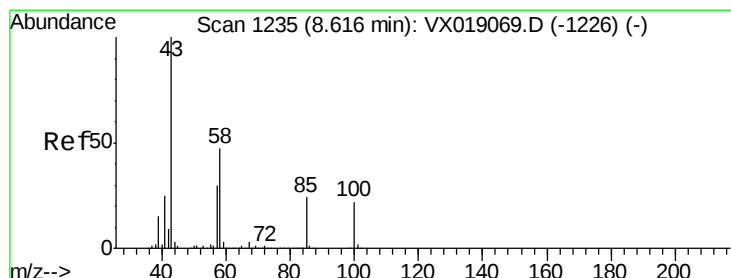
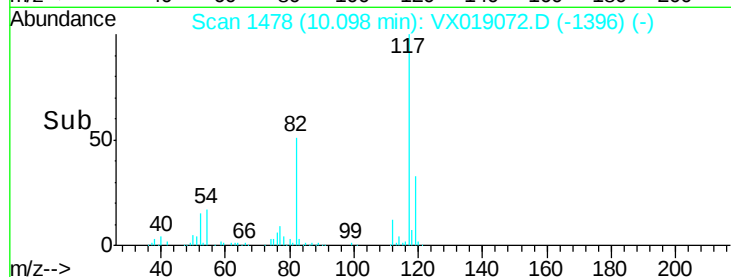
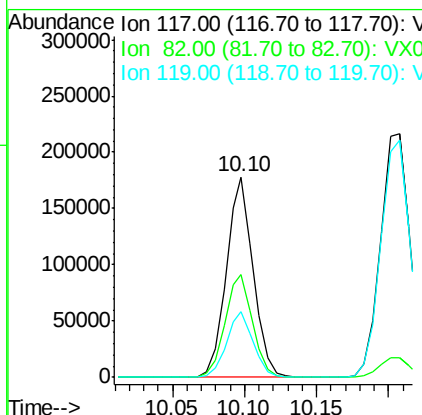
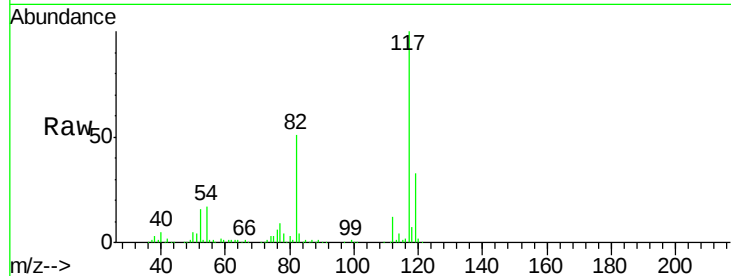
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.5	63.7
119	32.6	25.6	38.4

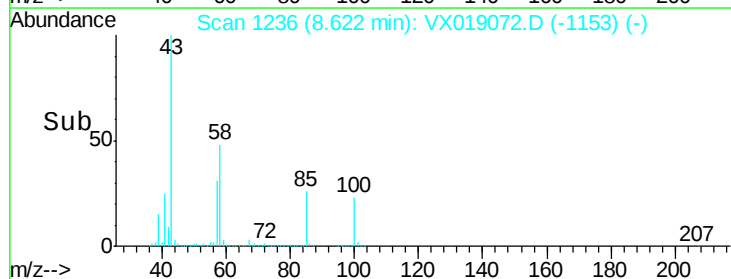
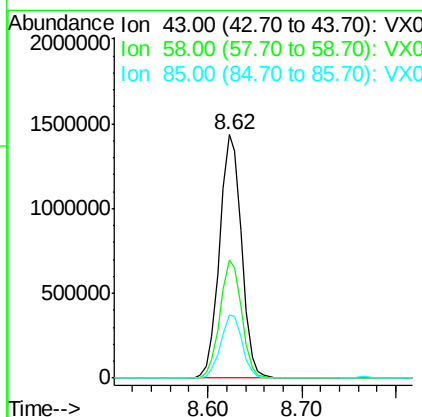
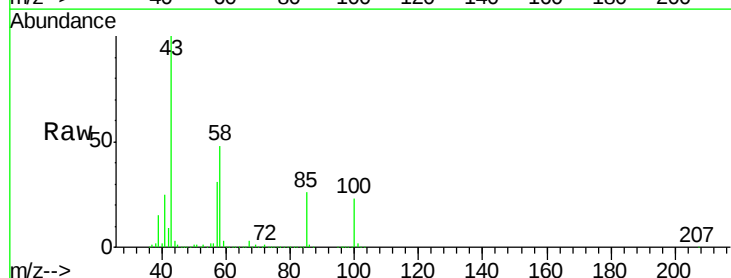
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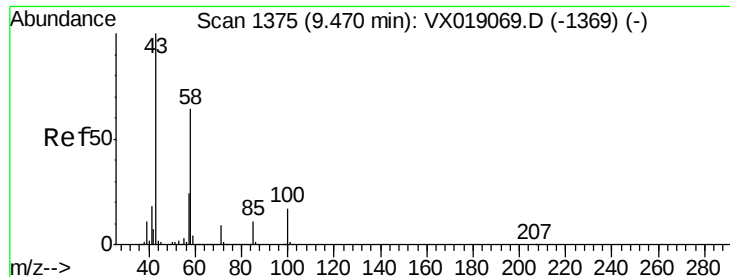
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#58
4-Methyl-2-Pentanone
Concen: 649.118 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	47.9	37.6	56.4
85	25.6	19.4	29.2





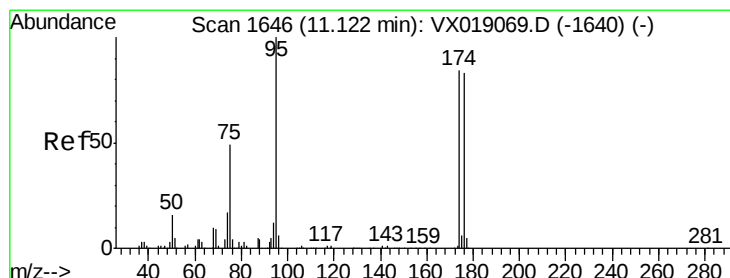
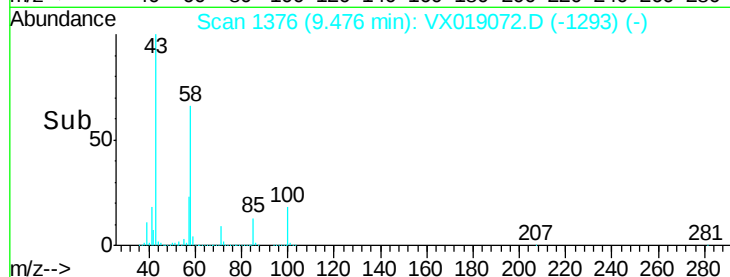
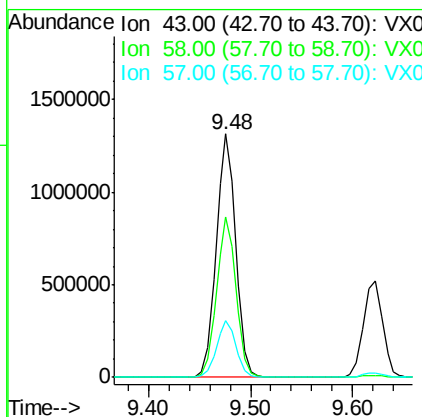
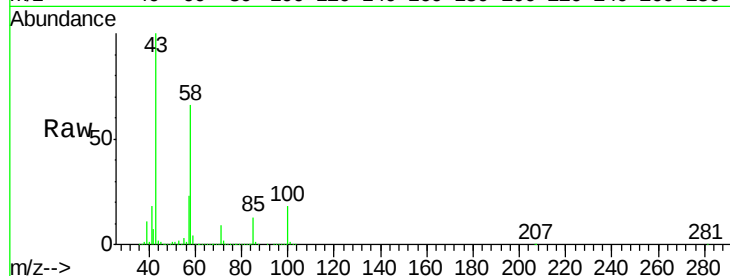
#59
2-Hexanone
Concen: 652.207 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1767052
Ion Ratio Lower Upper
43 100
58 65.7 51.9 77.9
57 23.1 18.2 27.4

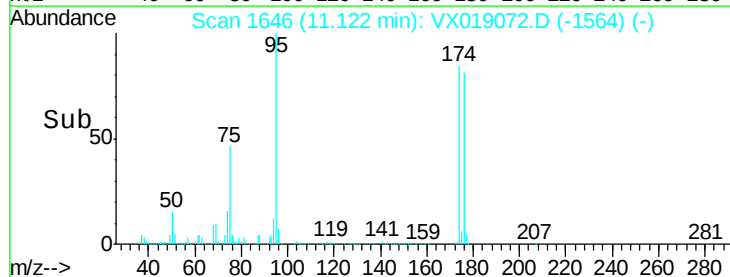
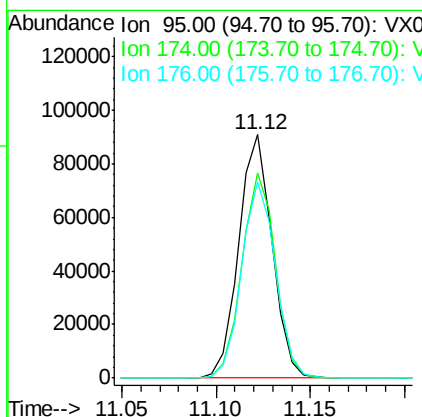
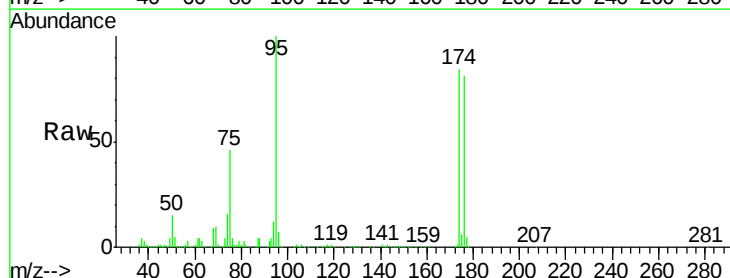
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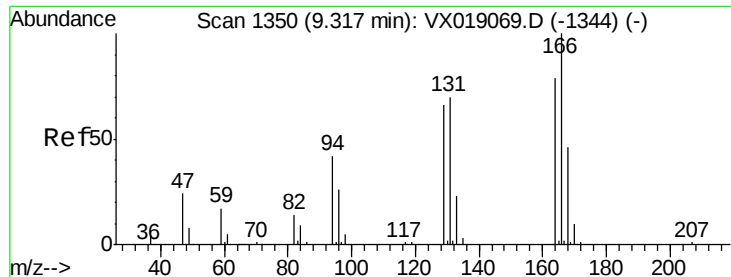
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 31.252 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion: 95 Resp: 111562
Ion Ratio Lower Upper
95 100
174 84.5 66.3 99.5
176 81.9 65.5 98.3





#61

Tetrachloroethene

Concen: 150.032 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:164 Resp: 421801

Ion Ratio Lower Upper

164 100

166 131.8 101.9 152.9

129 94.2 67.0 100.6

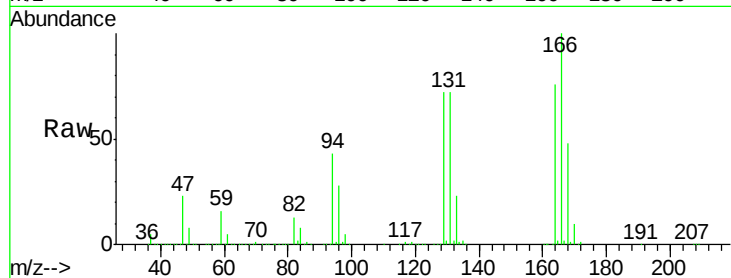
131 95.0 71.1 106.7

Manual Integrations

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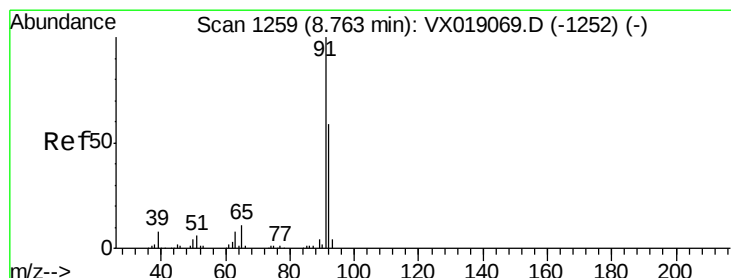
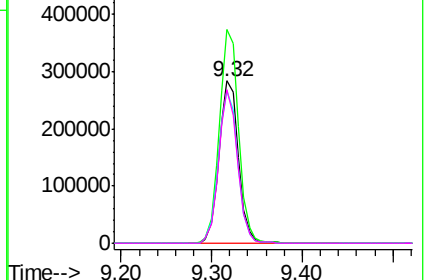
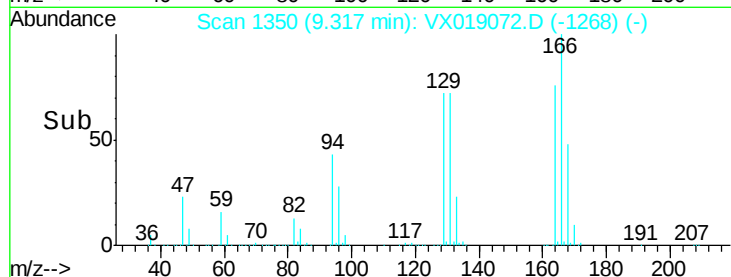


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 156.572 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019072.D

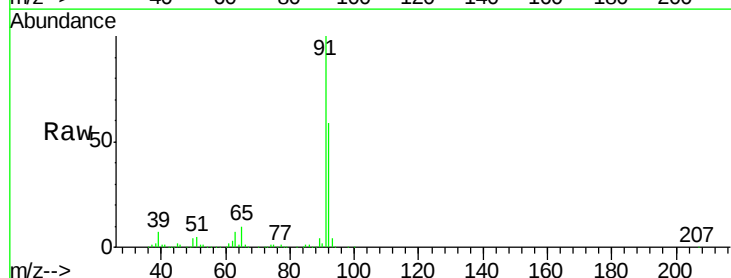
Acq: 23 Oct 2020 11:23

Tgt Ion: 91 Resp: 1920069

Ion Ratio Lower Upper

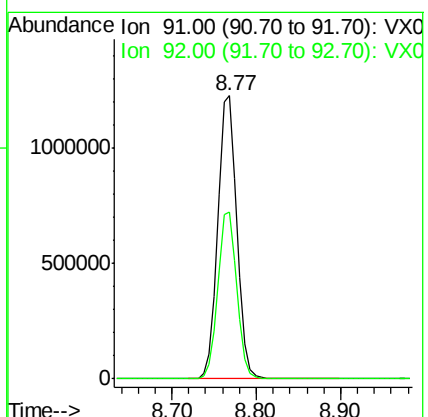
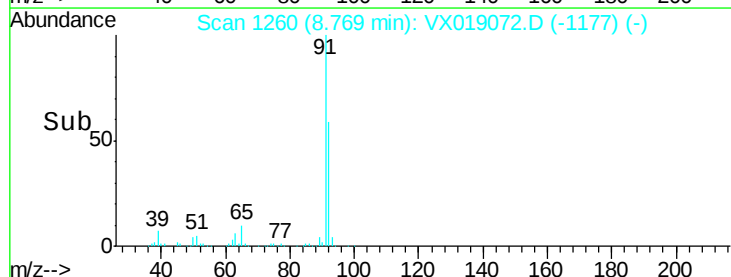
91 100

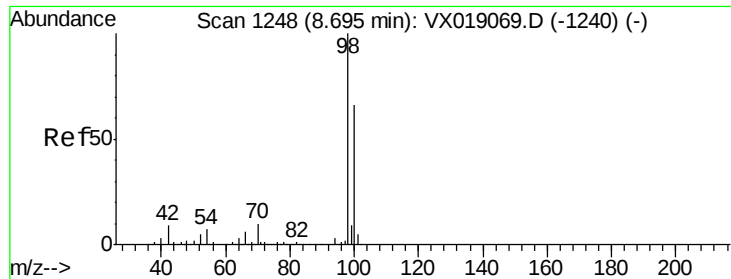
92 58.7 47.3 70.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





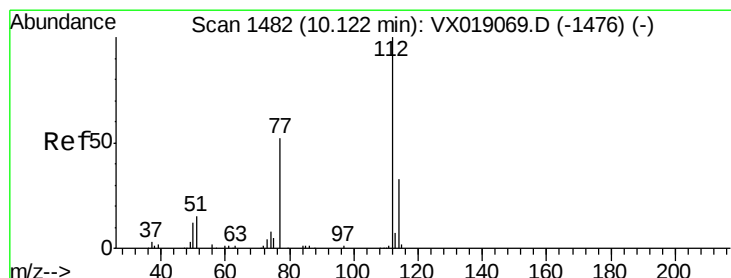
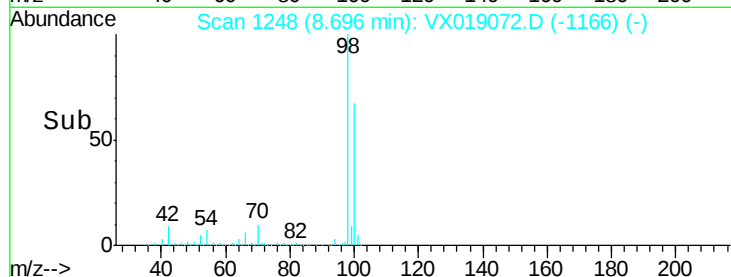
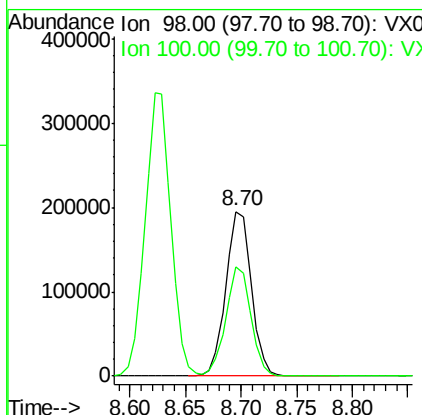
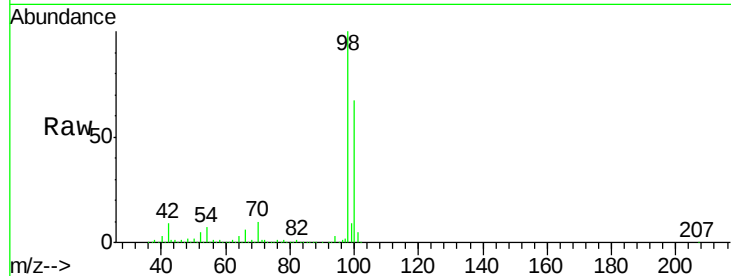
#63
Toluene-d8
Concen: 30.377 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion: 98 Resp: 310717
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4

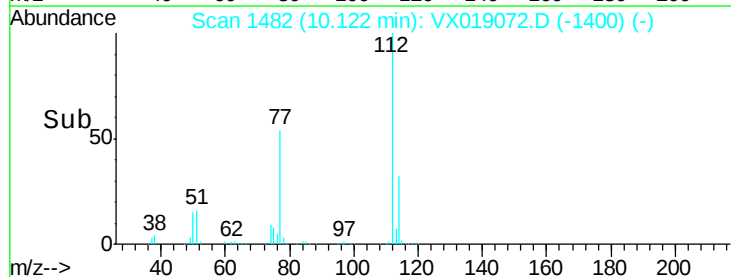
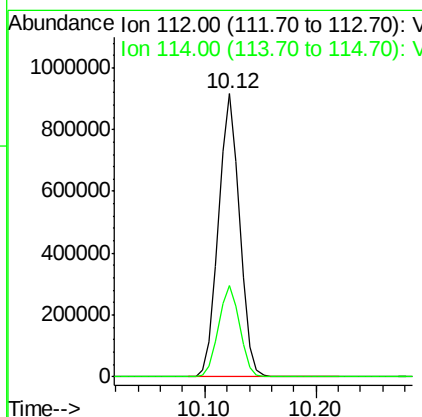
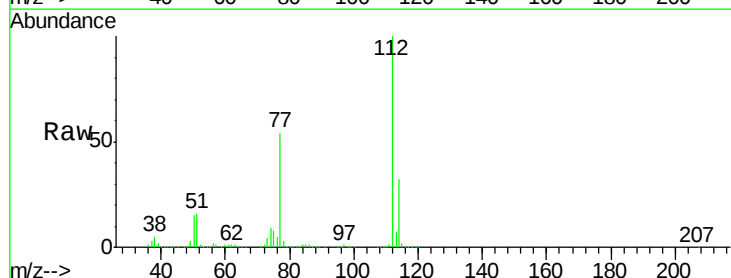
Manual Integrations
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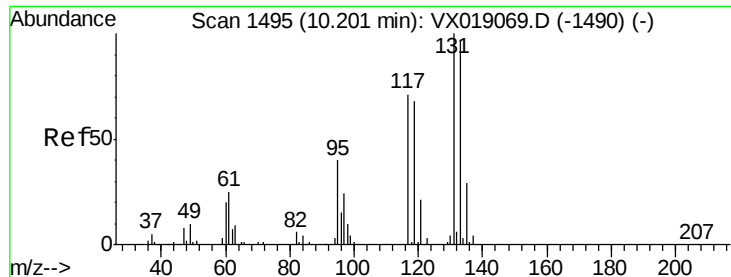
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#64
Chlorobenzene
Concen: 155.833 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion: 112 Resp: 1201171
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 152.044 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

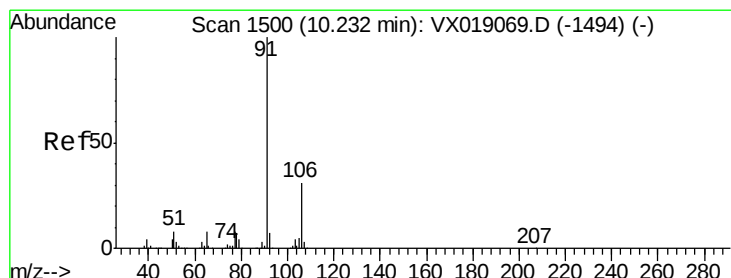
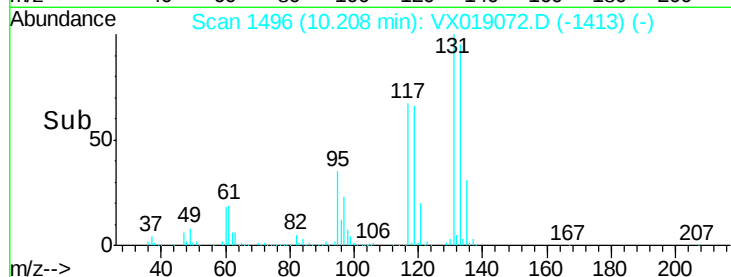
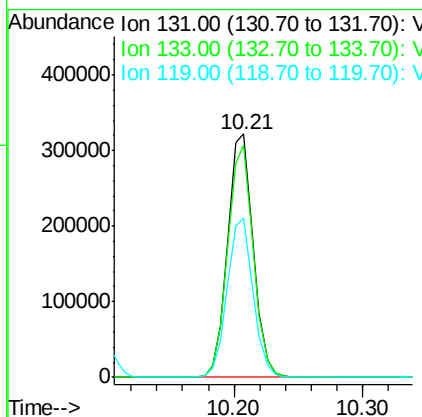
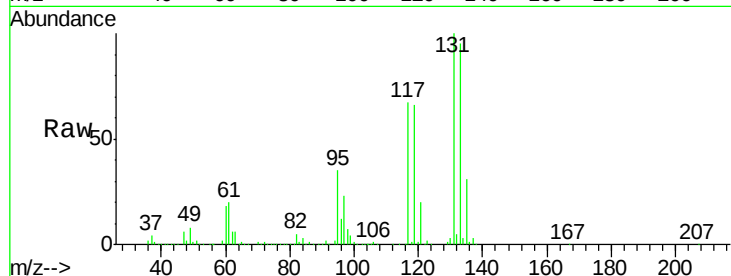
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
131	100	450569		
133	94.9	0.0	191.6	
119	65.7	0.0	130.0	

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#66

Ethyl Benzene

Concen: 156.881 ug/l

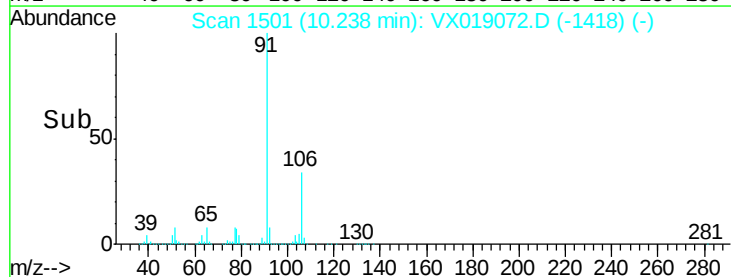
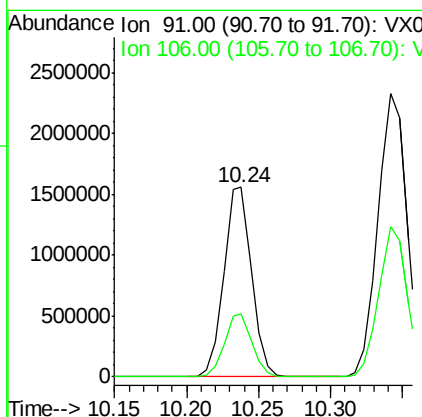
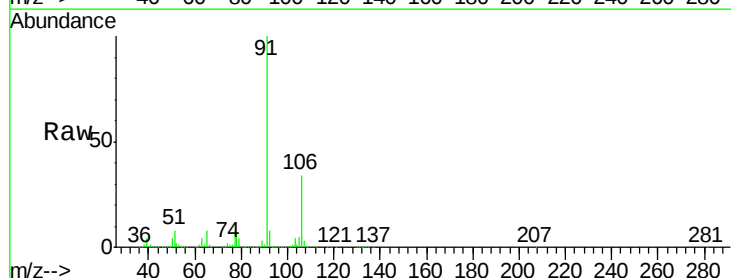
RT: 10.24 min Scan# 1501

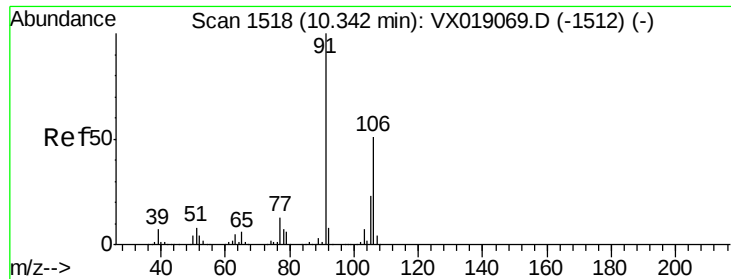
Delta R.T. 0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	2114717		
106	33.7	24.7	37.1	





#67

m/p-Xylenes

Concen: 315.785 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:106 Resp: 1661690

Ion Ratio Lower Upper

106 100

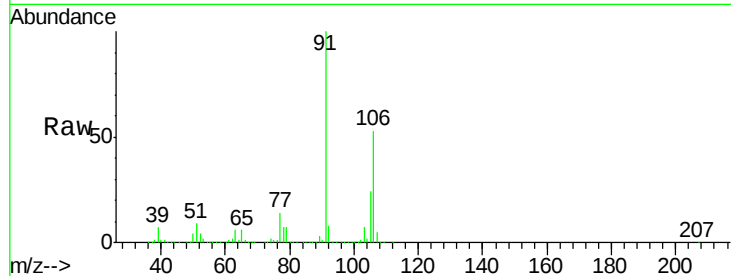
91 193.0 157.5 236.3

Manual Integrations

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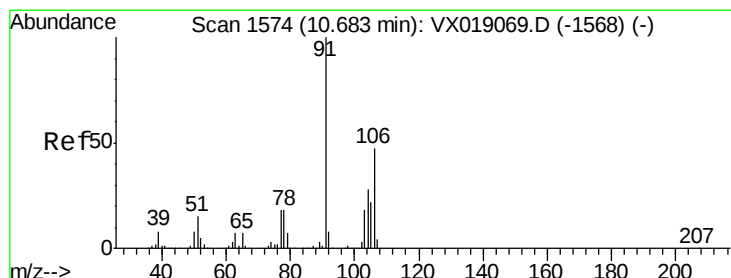
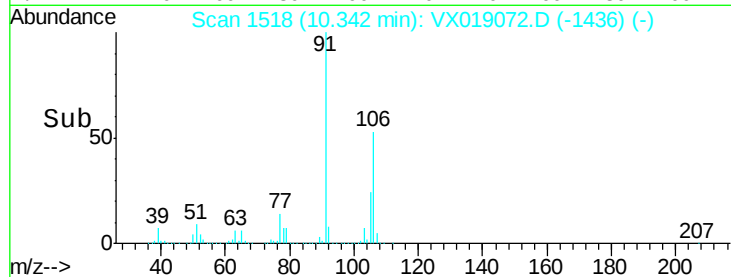
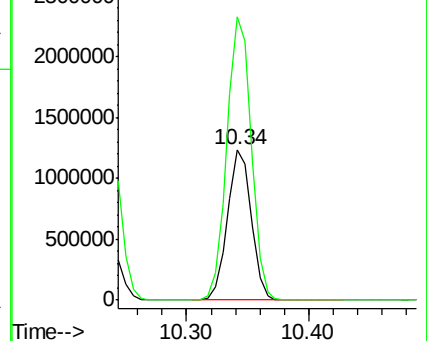
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 160.858 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019072.D

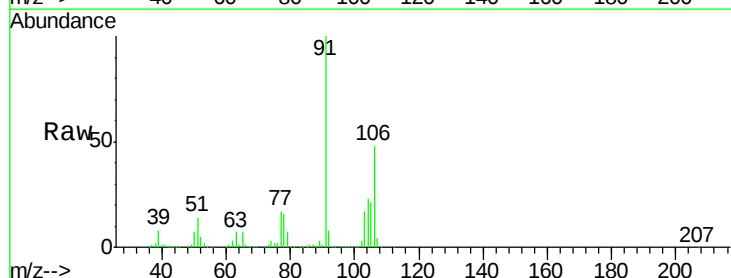
Acq: 23 Oct 2020 11:23

Tgt Ion:106 Resp: 798866

Ion Ratio Lower Upper

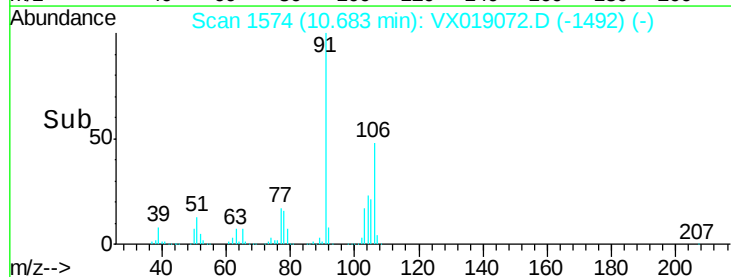
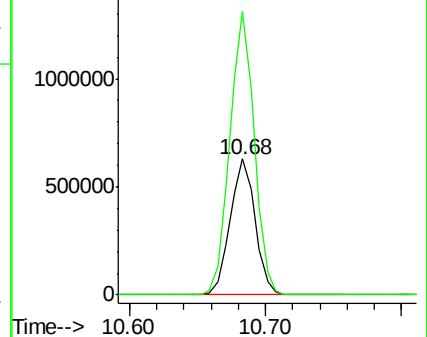
106 100

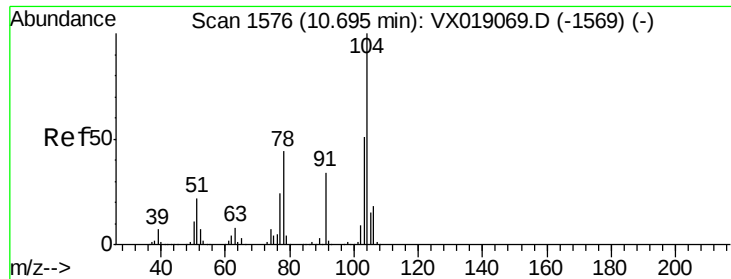
91 204.4 103.8 311.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





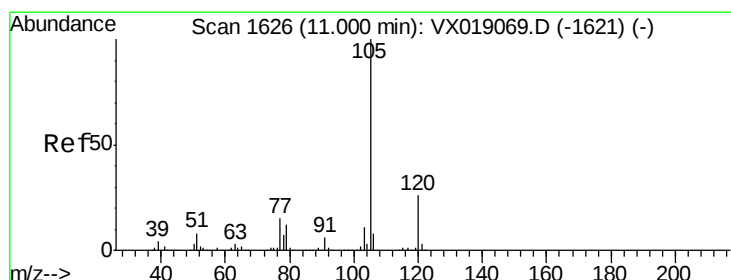
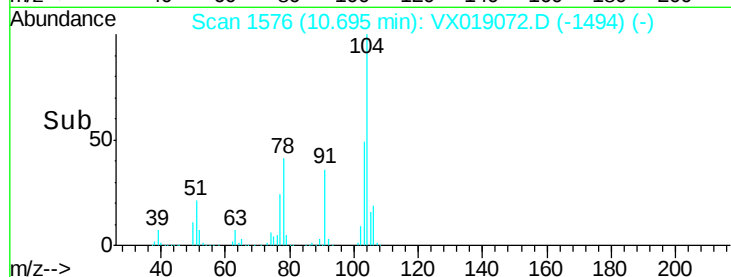
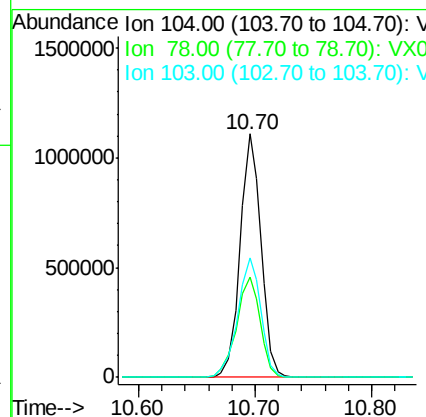
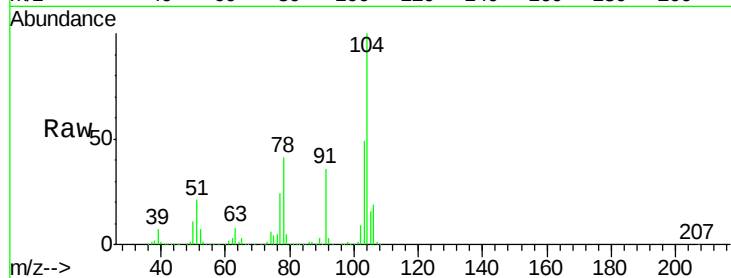
#69
Stvrene
Concen: 163.178 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.6	38.6	58.0
103	54.2	43.4	65.2

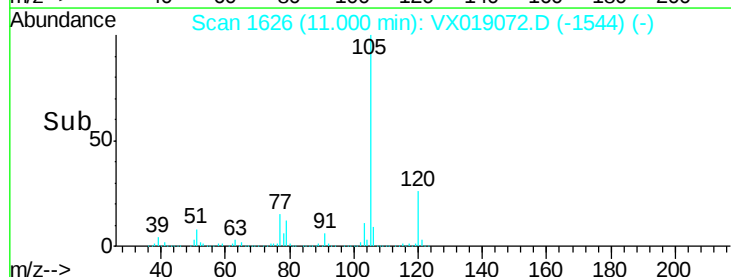
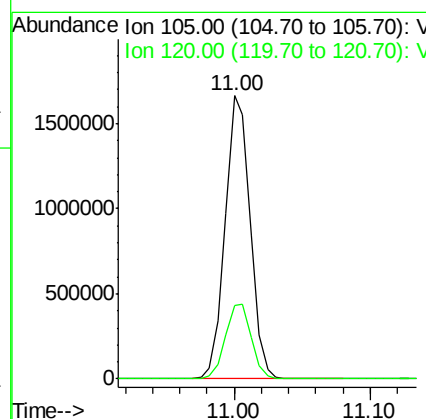
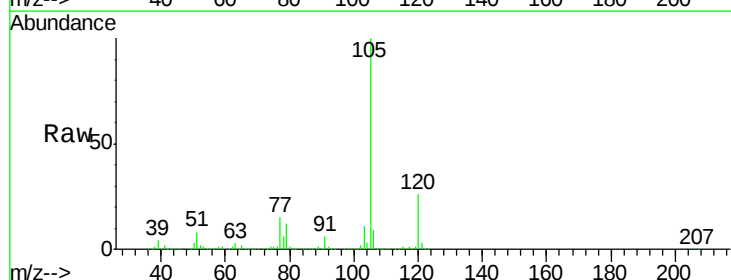
Manual Integrations
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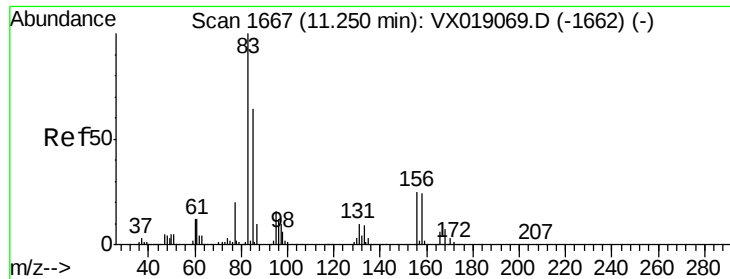
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#70
Isopropylbenzene
Concen: 160.199 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	19.0	35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 157.853 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 648600

Ion Ratio Lower Upper

83 100

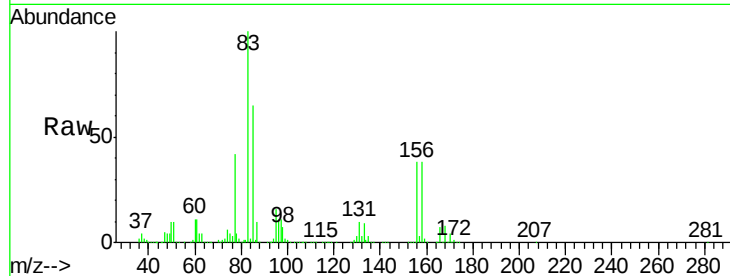
131 10.7 5.2 15.6

85 64.8 32.5 97.4

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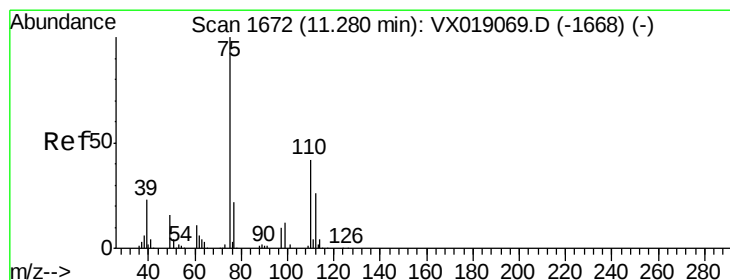
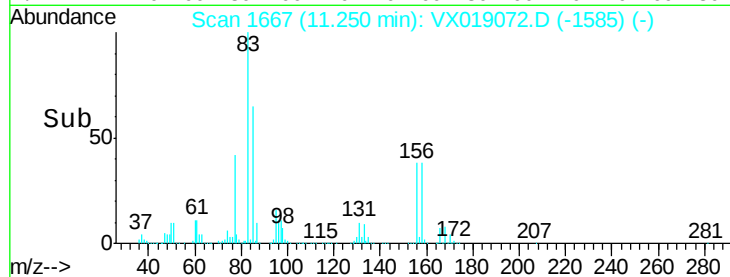
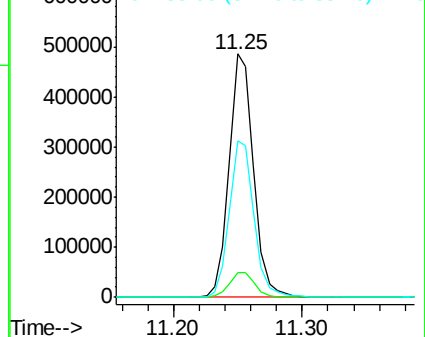
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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 148.660 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019072.D

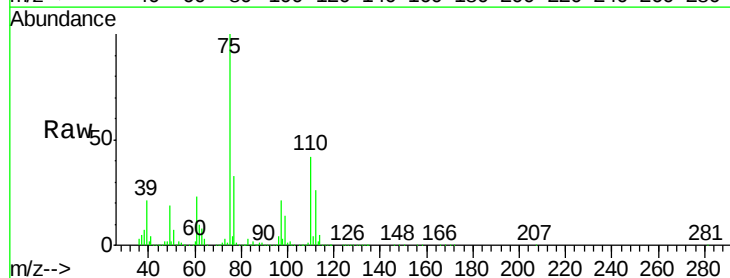
Acq: 23 Oct 2020 11:23

Tgt Ion: 75 Resp: 567451

Ion Ratio Lower Upper

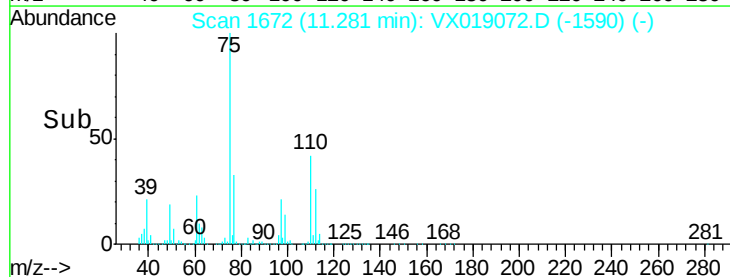
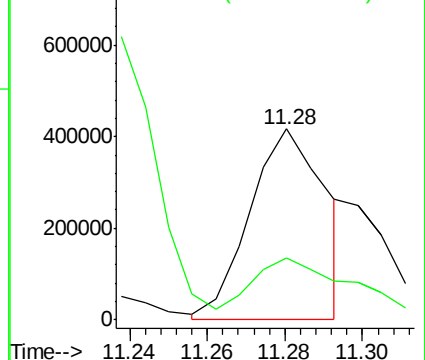
75 100

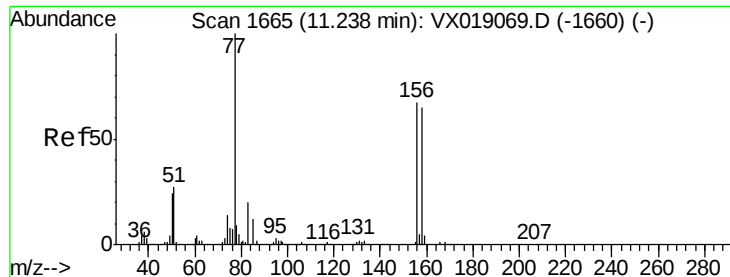
77 43.3 0.0 81.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 159.436 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

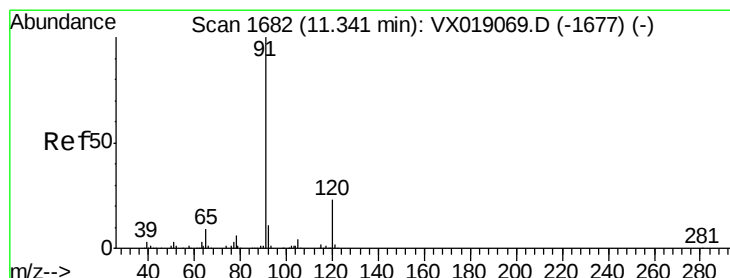
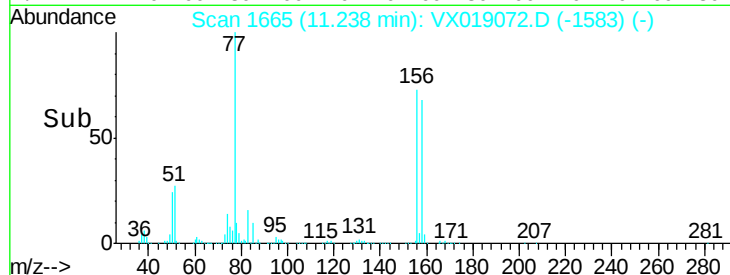
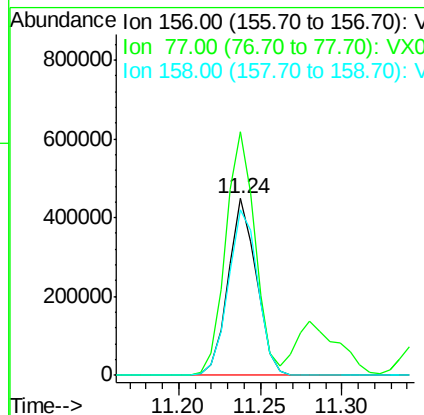
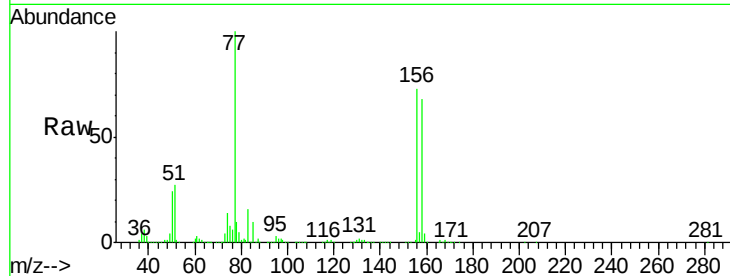
ClientSampleId :

VSTDIC150

Tot Ion:	156	Resp:	537640
Ion Ratio	Lower	Upper	
156	100		
77	144.2	0.0	299.6
158	98.6	0.0	192.2

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#74

n-propylbenzene

Concen: 162.018 ug/l

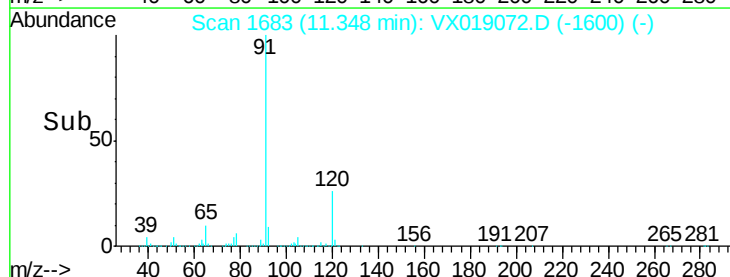
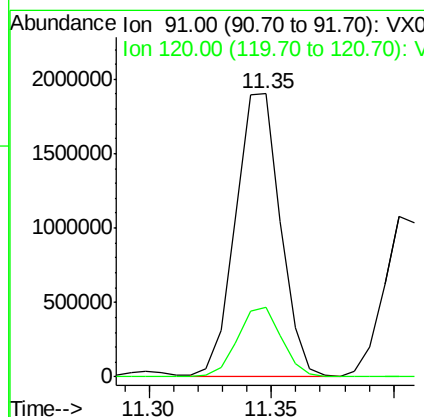
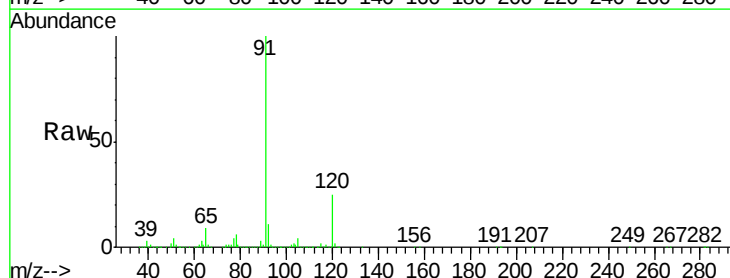
RT: 11.35 min Scan# 1683

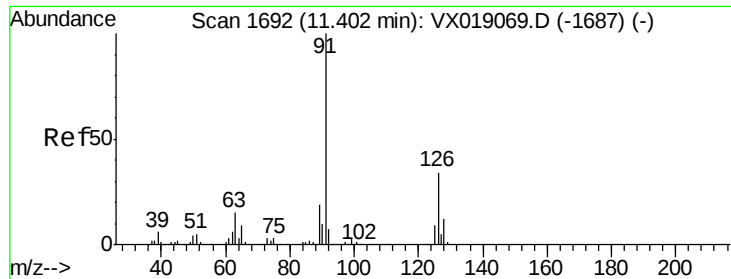
Delta R.T. 0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Tgt Ion:	91	Resp:	2438720
Ion Ratio	Lower	Upper	
91	100		
120	24.0	0.0	46.6





#75

2-Chlorotoluene

Concen: 160.696 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1391642

Ion Ratio Lower Upper

91 100

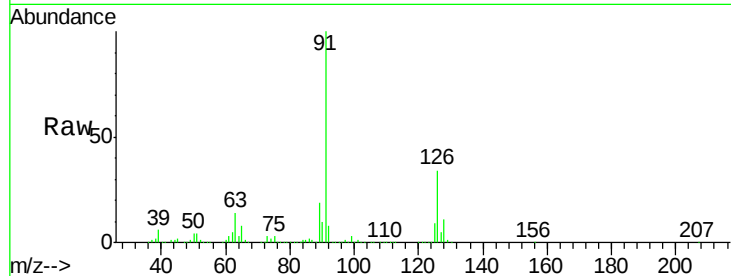
126 35.8 0.0 69.0

Manual Integrations

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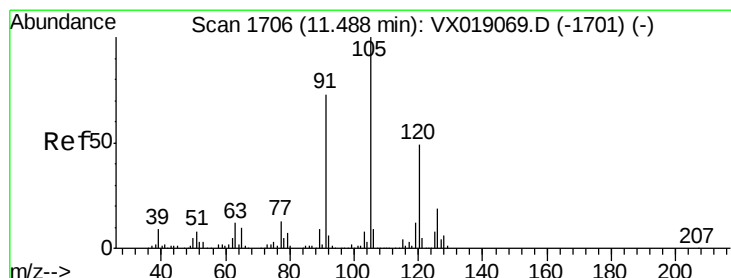
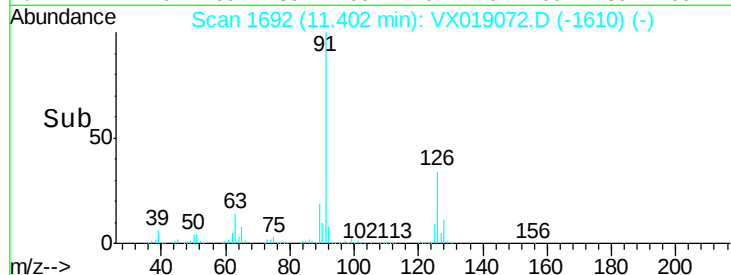
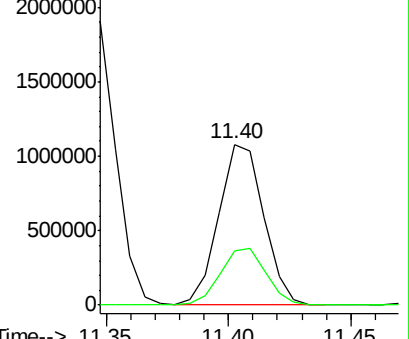
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Abundance Ion 91.00 (90.70 to 91.70): VX019069.D (-1687) (-)

Ion 126.00 (125.70 to 126.70): VX019069.D (-1687) (-)



#76

1,3,5-Trimethylbenzene

Concen: 163.263 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019072.D

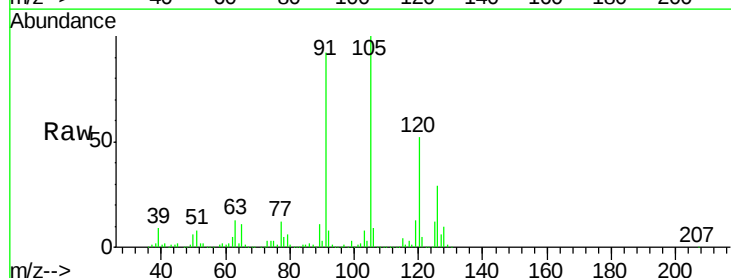
Acq: 23 Oct 2020 11:23

Tgt Ion: 105 Resp: 1795552

Ion Ratio Lower Upper

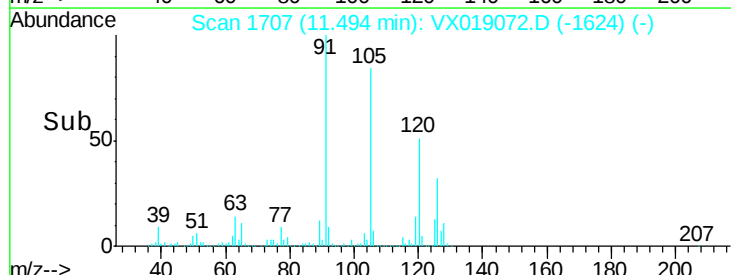
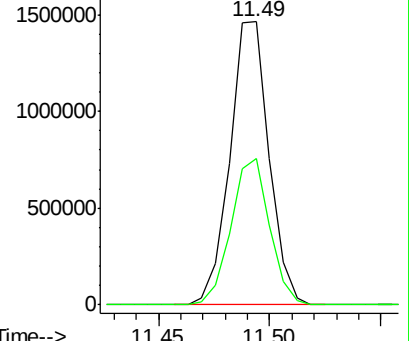
105 100

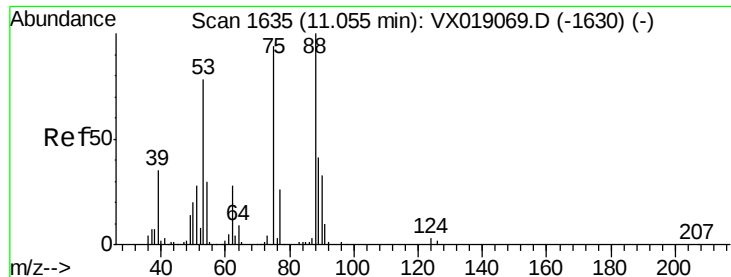
120 51.0 0.0 100.2



Abundance Ion 105.00 (104.70 to 105.70): VX019069.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX019069.D (-1701) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 148.038 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

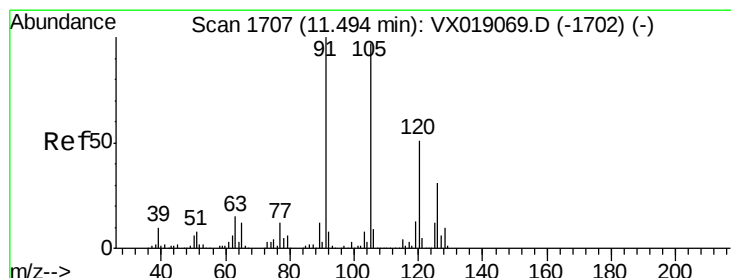
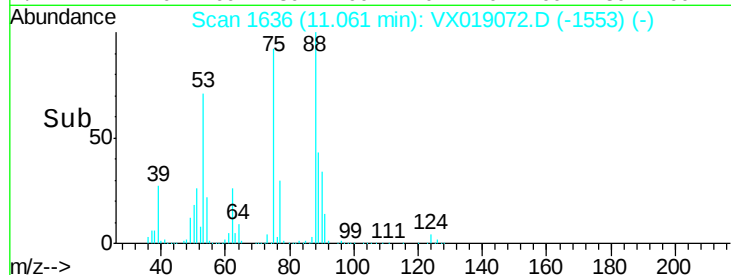
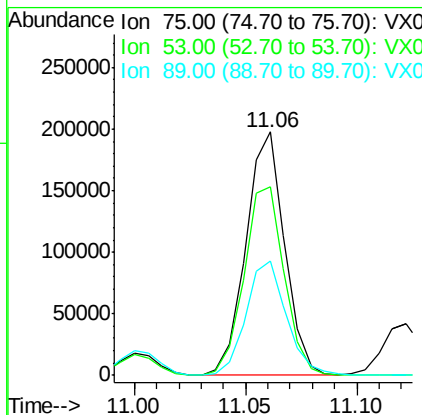
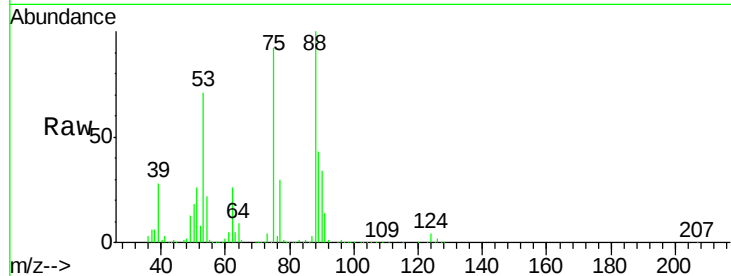
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	239145
Ion Ratio	Lower	Upper	
75	100		
53	77.2	41.6	124.8
89	46.9	21.8	65.3

Manual Integrations
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#78

4-Chlorotoluene

Concen: 162.990 ug/l

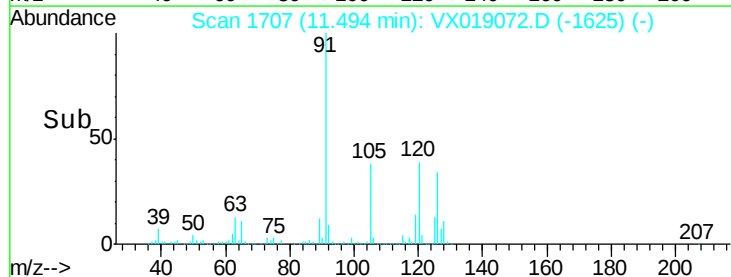
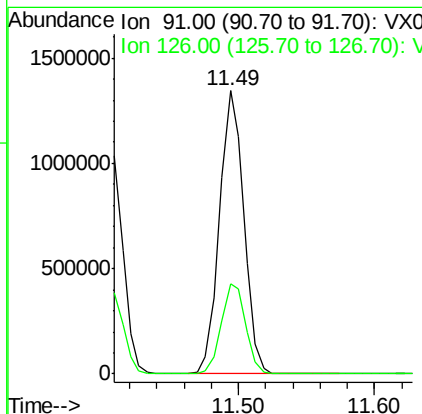
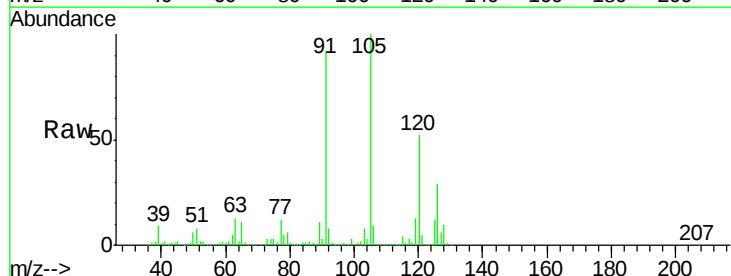
RT: 11.49 min Scan# 1707

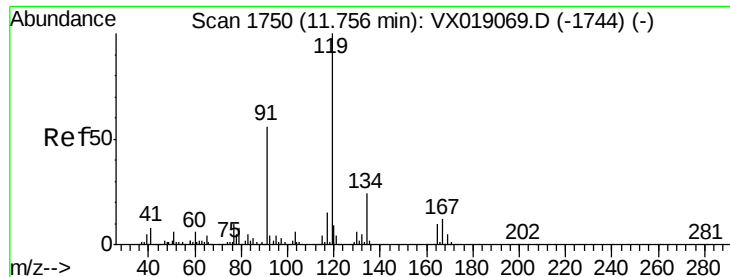
Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Tgt Ion:	91	Resp:	1664051
Ion Ratio	Lower	Upper	
91	100		
126	31.9	0.0	61.2





#79

tert-butylbenzene

Concen: 160.751 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:119 Resp: 1784769

Ion Ratio Lower Upper

119 100

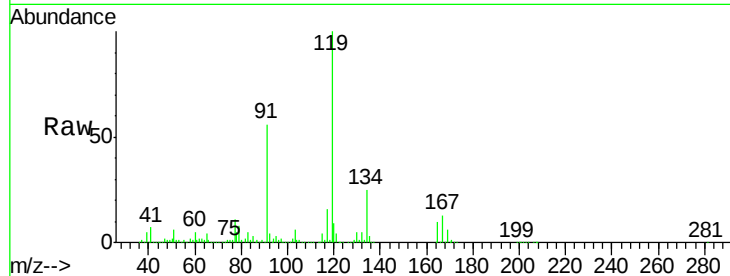
91 54.3 0.0 111.4

134 23.5 0.0 47.2

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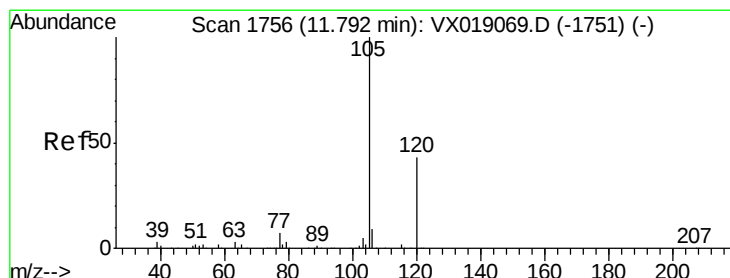
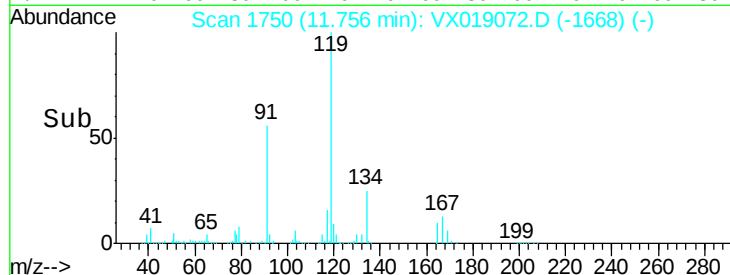
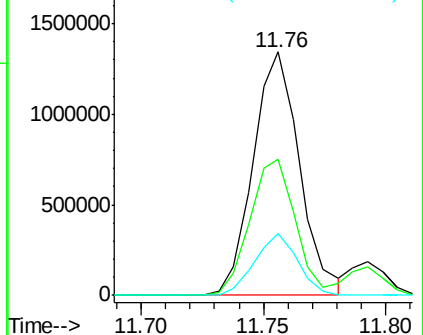
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 162.072 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019072.D

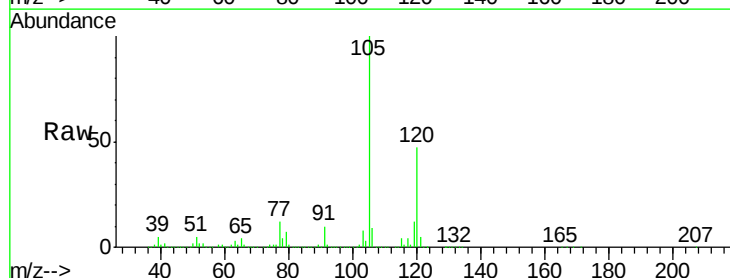
Acq: 23 Oct 2020 11:23

Tgt Ion:105 Resp: 1782021

Ion Ratio Lower Upper

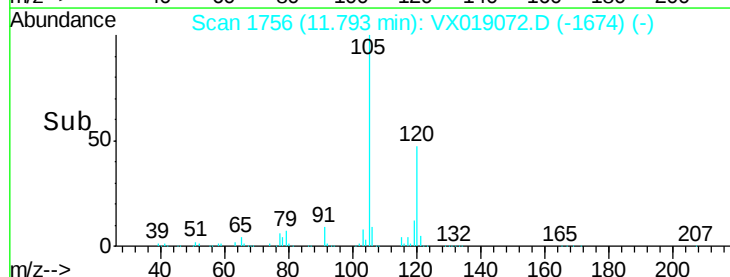
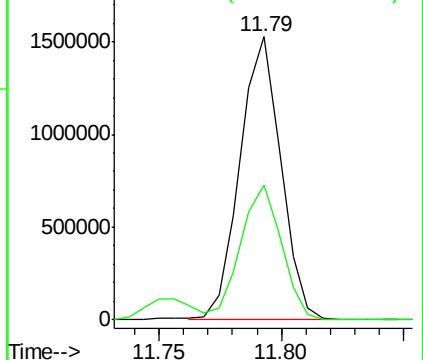
105 100

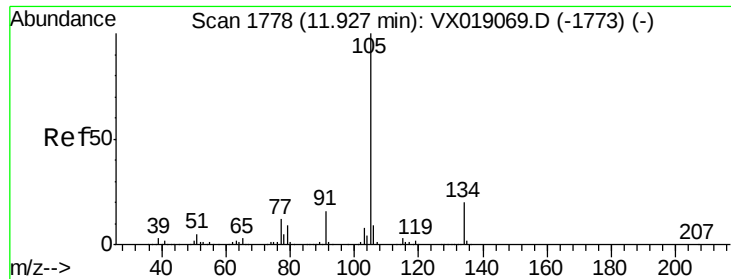
120 47.5 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 163.247 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2092477

Ion Ratio Lower Upper

105 100

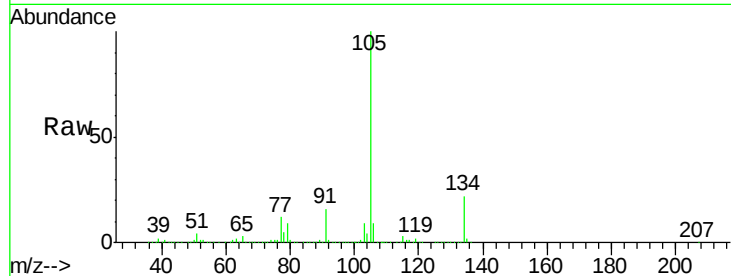
134 21.1 0.0 40.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

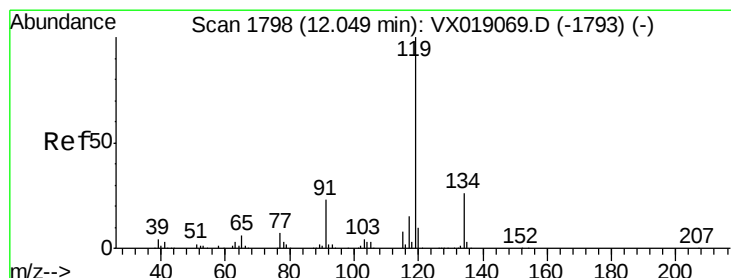
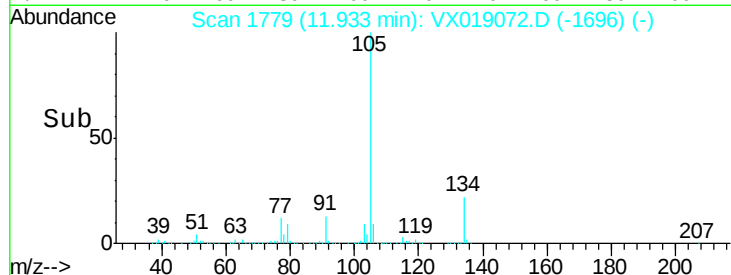
1500000

1000000

500000

0

Time-->



#82

p-Isopropyltoluene

Concen: 165.657 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

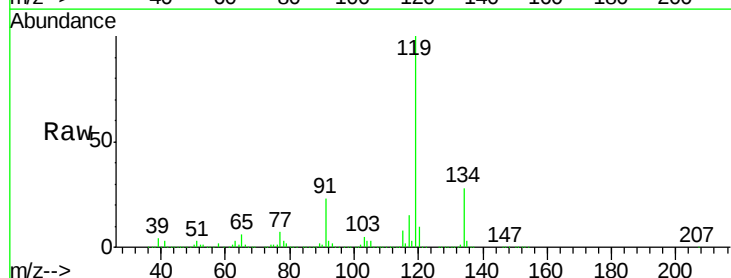
Tgt Ion:119 Resp: 1970296

Ion Ratio Lower Upper

119 100

134 27.0 0.0 52.0

91 22.6 0.0 45.6



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

12.05

2000000

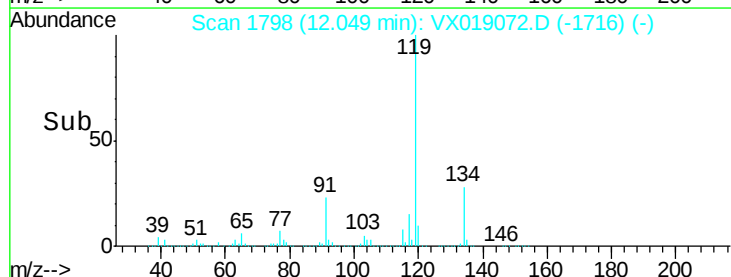
1500000

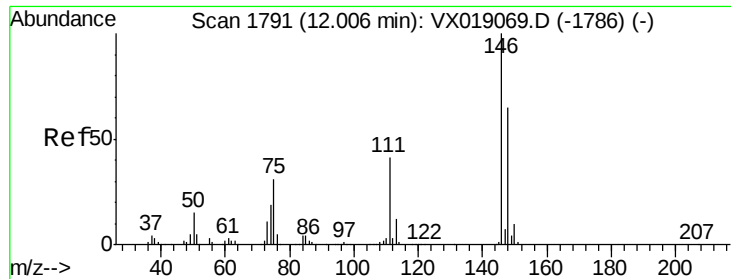
1000000

500000

0

Time-->





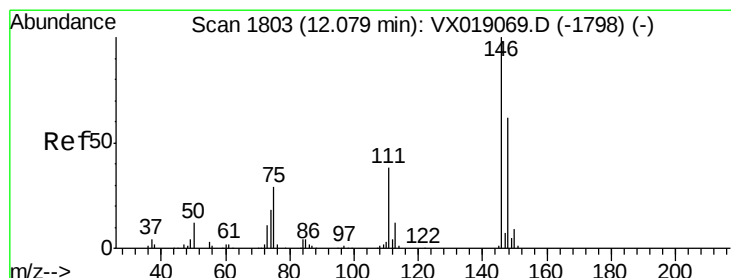
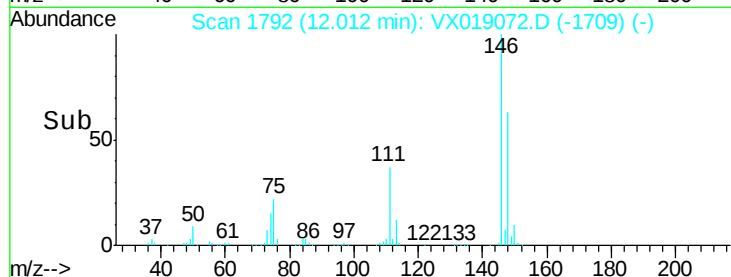
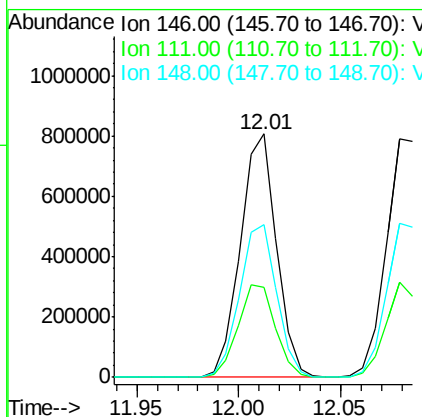
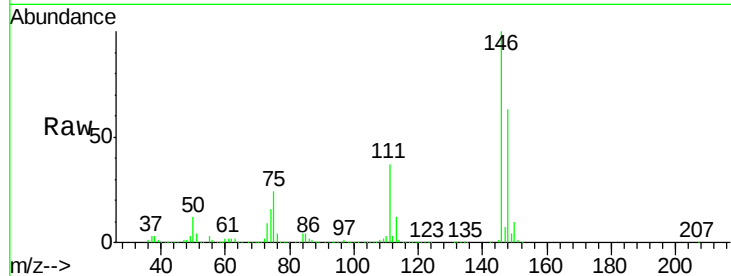
#83
 1,3-Dichlorobenzene
 Concen: 164.589 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.0	59.9
148	64.3	32.2	96.6

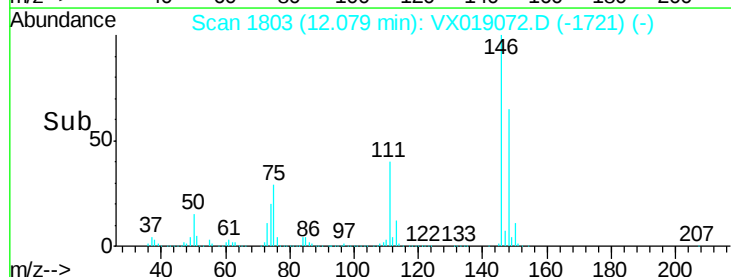
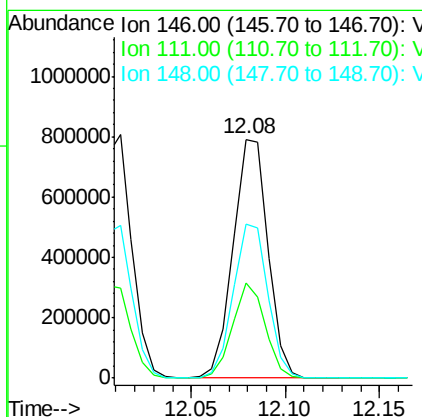
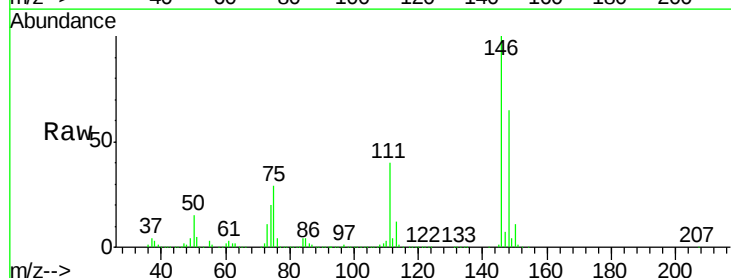
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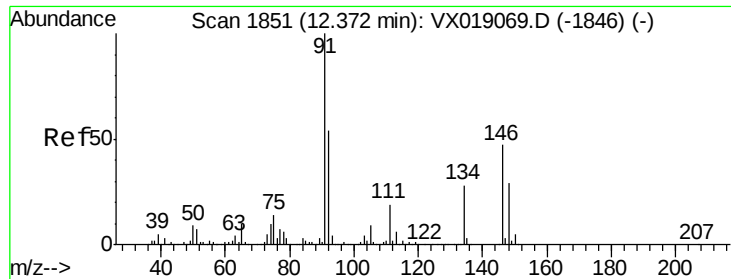
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#84
 1,4-Dichlorobenzene
 Concen: 166.273 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.7
148	64.3	31.6	95.0





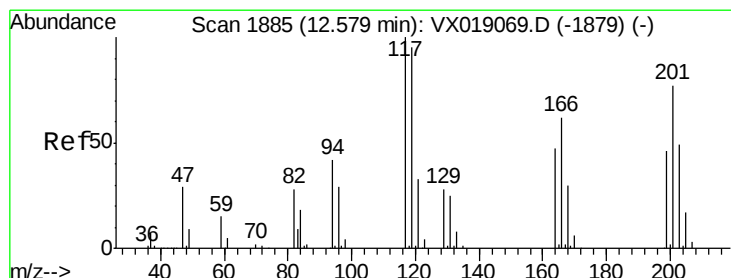
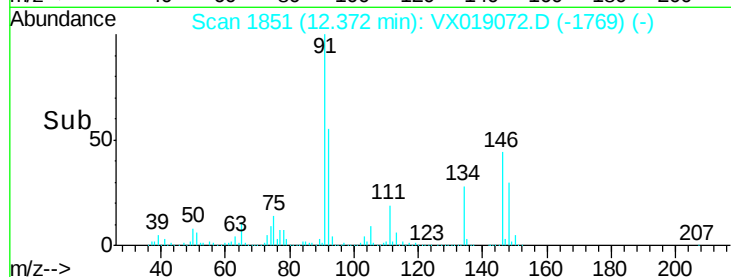
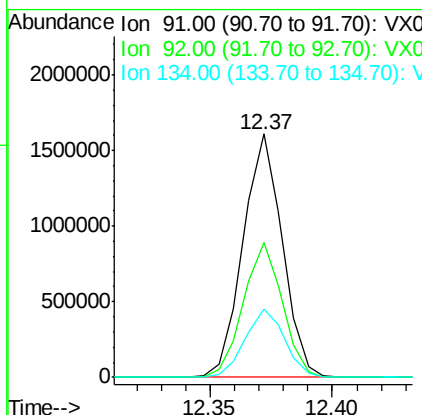
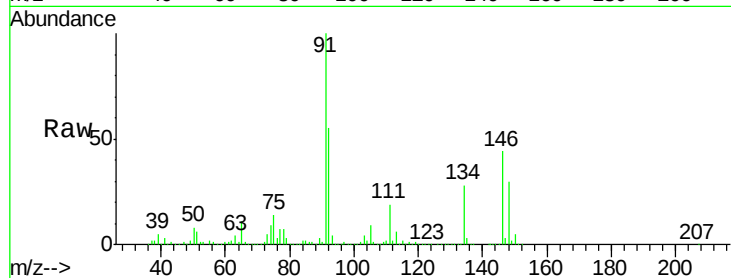
#85
n-Butylbenzene
Concen: 167.447 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	0.0	107.4
134	28.3	0.0	54.6

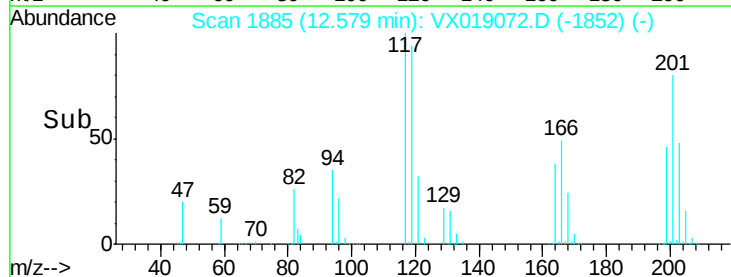
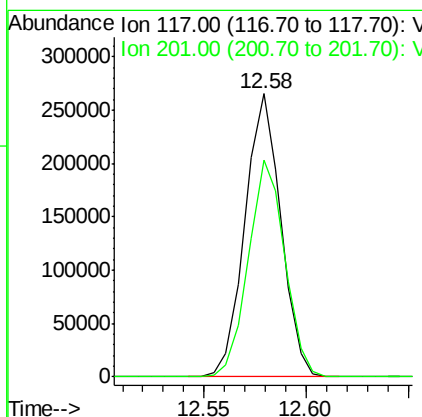
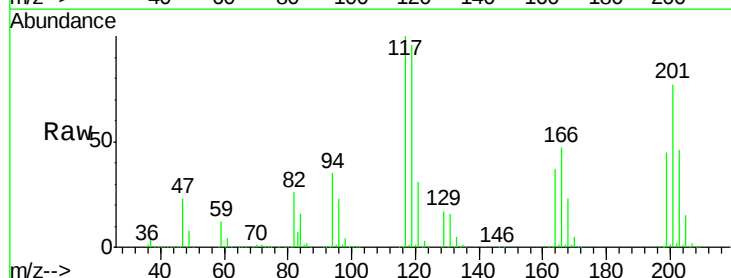
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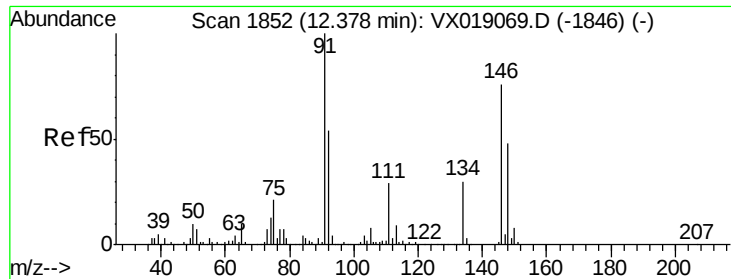
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#86
Hexachloroethane
Concen: 164.375 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019072.D
Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.7	38.4	115.1





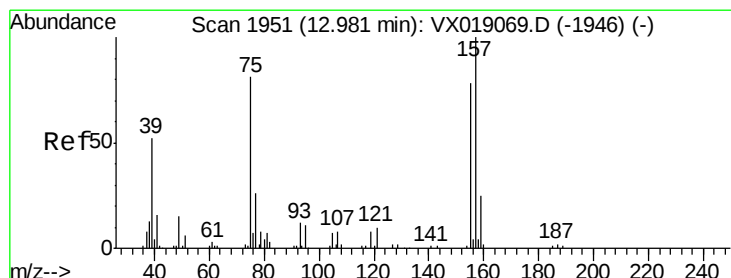
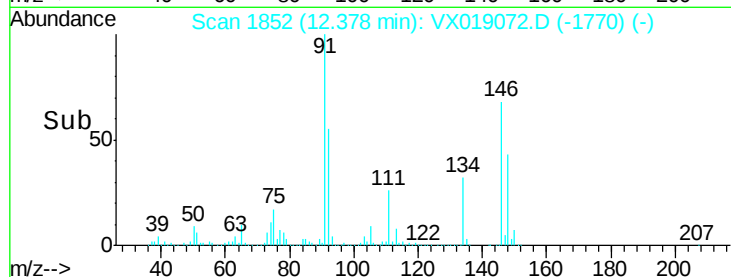
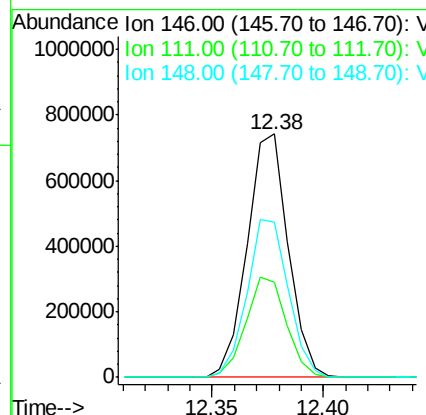
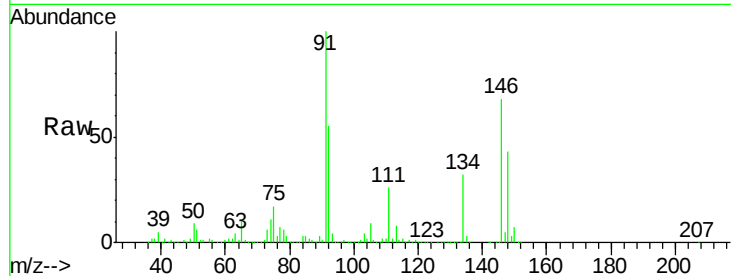
#87
 1,2-Dichlorobenzene
 Concen: 164.186 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
146	100	957602		
111	40.7	20.3	61.0	
148	65.4	32.1	96.5	

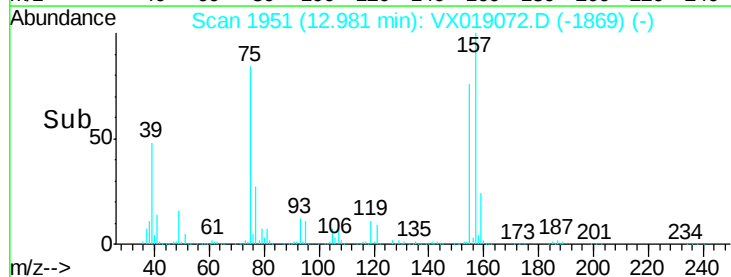
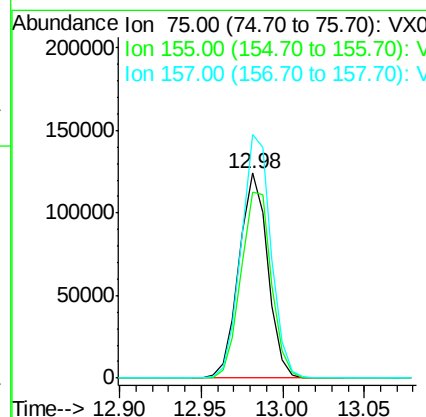
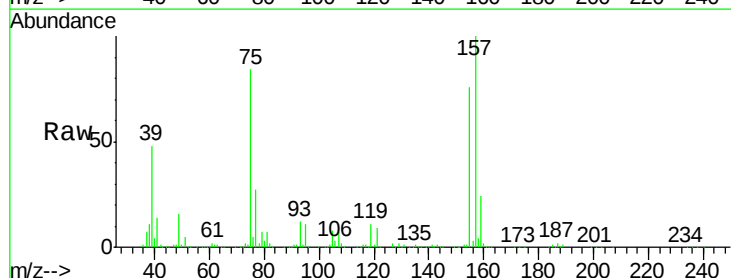
Manual Integrations
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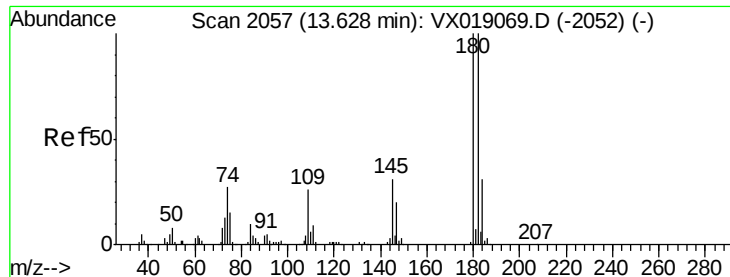
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 154.620 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	151872		
155	96.2	73.7	110.5	
157	123.1	96.5	144.7	





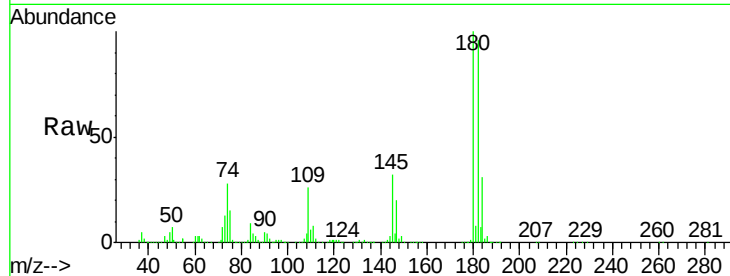
#89
 1,2,4-Trichlorobenzene
 Concen: 160.021 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

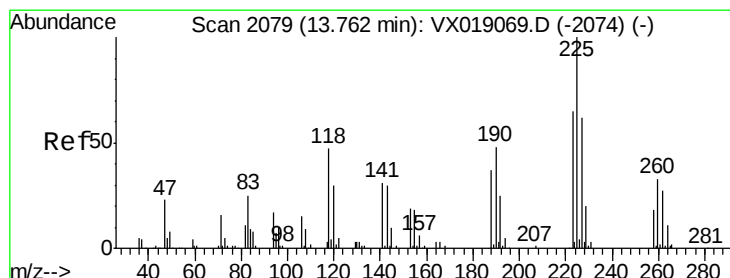
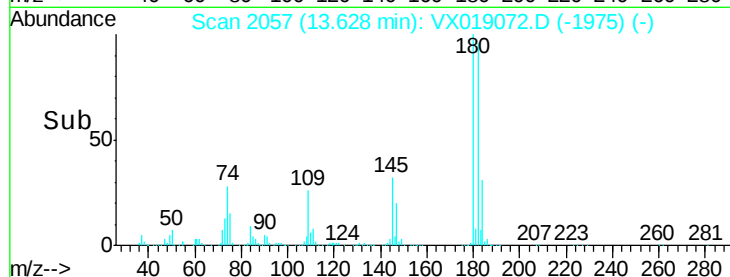
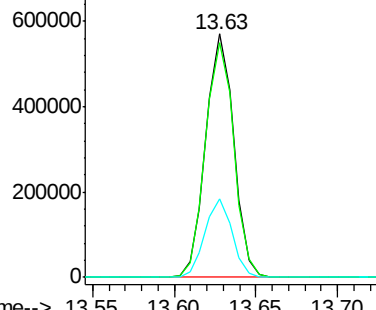
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.5	114.7
145	31.3	24.2	36.4

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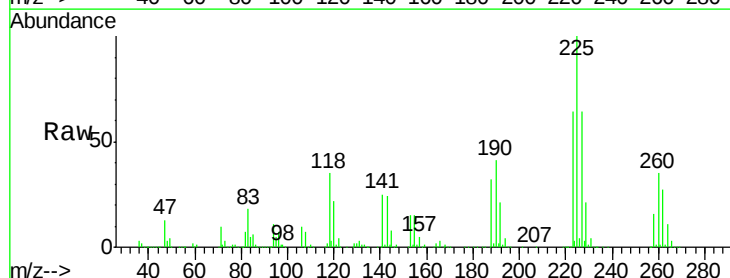


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

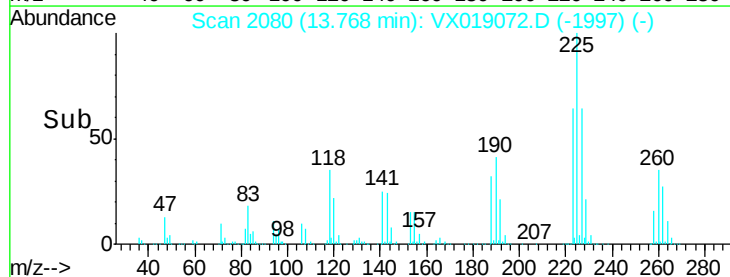
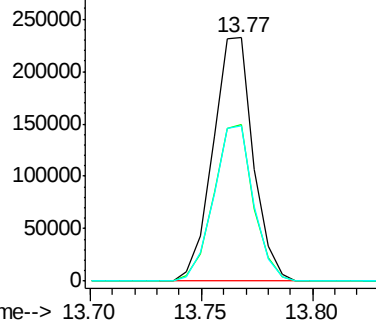


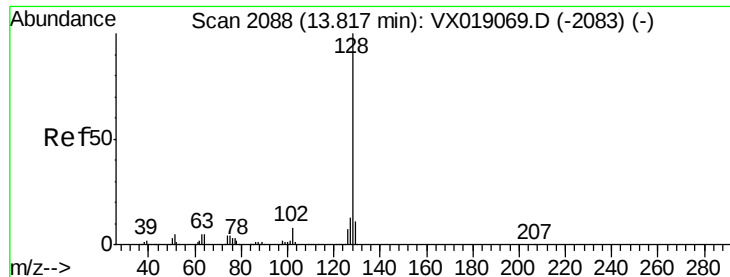
#90
 Hexachlorobutadiene
 Concen: 164.408 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019072.D
 Acq: 23 Oct 2020 11:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	0.0	130.0
227	63.4	0.0	128.6



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 163.152 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 2261340

Ion Ratio Lower Upper

128 100

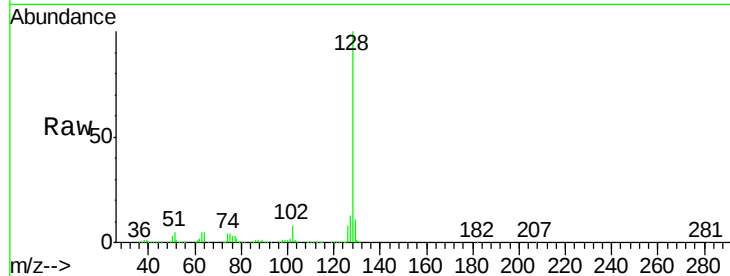
127 13.0 10.6 16.0

129 11.0 8.9 13.3

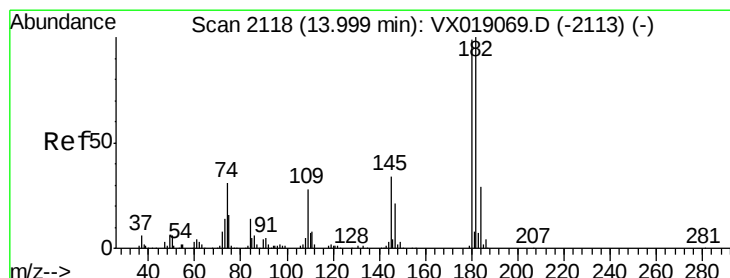
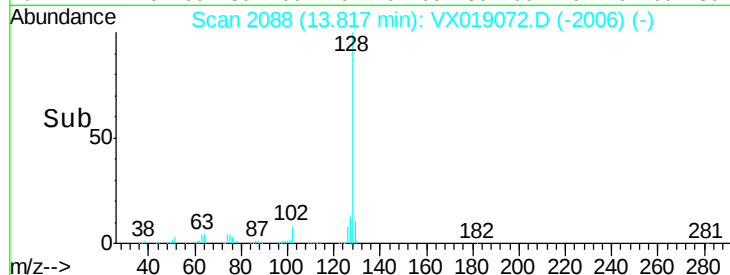
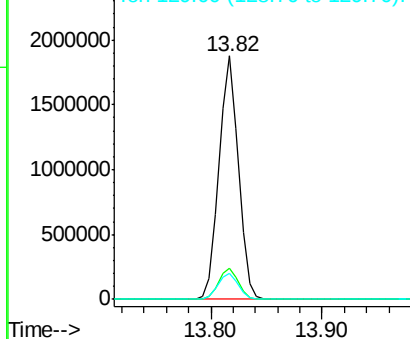
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 158.012 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019072.D

Acq: 23 Oct 2020 11:23

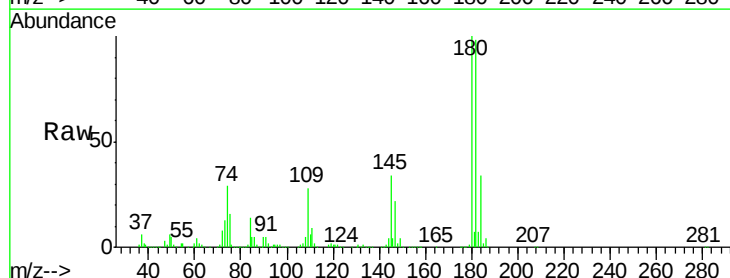
Tgt Ion:180 Resp: 654298

Ion Ratio Lower Upper

180 100

182 99.0 0.0 192.4

145 32.6 0.0 64.6



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

