

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112420\
 Data File : VX019618.D
 Acq On : 24 Nov 2020 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 10:31:25 AM

Quant Time: Nov 25 06:02:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	271154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	460604	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	408228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198488	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	177790	50.57	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.14%
35) Dibromofluoromethane	5.46	113	144867	50.11	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.22%
50) Toluene-d8	8.70	98	543446	48.37	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.74%
62) 4-Bromofluorobenzene	11.12	95	200189	49.52	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.04%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	129675	49.178	ug/l 98
3) Chloromethane	1.31	50	140866	46.554	ug/l 99
4) Vinyl Chloride	1.39	62	162356	49.845	ug/l 99
5) Bromomethane	1.62	94	57244	46.399	ug/l 97
6) Chloroethane	1.70	64	58022	75.260	ug/l 98
7) Trichlorofluoromethane	1.90	101	228239	48.549	ug/l 99
8) Diethyl Ether	2.17	74	96874	51.452	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	130419	49.725	ug/l 99
10) Methyl Iodide	2.48	142	184036	53.412	ug/l 99
11) Tert butyl alcohol	3.04	59	171305	257.464	ug/l 100
12) 1,1-Dichloroethene	2.35	96	132640	49.272	ug/l 99
13) Acrolein	2.28	56	98878	221.081	ug/l 100
14) Allyl chloride	2.70	41	206163	48.886	ug/l 100
15) Acrylonitrile	3.12	53	400159	255.018	ug/l 100
16) Acetone	2.42	43	317153	233.269	ug/l 100
17) Carbon Disulfide	2.54	76	328407	45.410	ug/l 100
18) Methyl Acetate	2.75	43	171532	51.437	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	496071	53.386	ug/l 100
20) Methylene Chloride	2.83	84	164353	48.365	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	150963	49.496	ug/l 97
22) Diisopropyl ether	3.82	45	462355	52.997	ug/l 98
23) Vinyl Acetate	3.78	43	1961324	268.025	ug/l 100
24) 1,1-Dichloroethane	3.67	63	276333	51.785	ug/l 100
25) 2-Butanone	4.64	43	504681	247.104	ug/l 100
26) 2,2-Dichloropropane	4.55	77	202978	43.579	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	180389	51.488	ug/l 100
28) Bromochloromethane	4.98	49	119144	46.701	ug/l 100
29) Tetrahydrofuran	5.09	42	325351	249.668	ug/l 99
30) Chloroform	5.17	83	286823	51.404	ug/l 94
31) Cyclohexane	5.54	56	230666	50.445	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	246262	51.380	ug/l 99
36) 1,1-Dichloropropene	5.76	75	209845	48.596	ug/l 99
37) Ethyl Acetate	4.79	43	201949	49.816	ug/l 100
38) Carbon Tetrachloride	5.75	117	206543	49.416	ug/l 98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	237517	47.240	ug/l	99
40) Benzene	6.11	78	652862	49.207	ug/l	99
41) Methacrylonitrile	5.00	41	108912	48.719	ug/l	96
42) 1,2-Dichloroethane	6.16	62	226018	49.701	ug/l	100
43) Isopropyl Acetate	6.41	43	337205	49.483	ug/l	99
44) Trichloroethene	7.18	130	169204	48.688	ug/l	94
45) 1,2-Dichloropropane	7.49	63	165442	50.652	ug/l	99
46) Dibromomethane	7.63	93	110762	49.547	ug/l	99
47) Bromodichloromethane	7.87	83	220871	50.917	ug/l	97
48) Methyl methacrylate	7.74	41	164364	51.501	ug/l	99
49) 1,4-Dioxane	7.72	88	72416	999.356	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1001796	252.102	ug/l	99
52) Toluene	8.76	92	409001	50.392	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	236804	50.547	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	263236	50.632	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	164483	49.760	ug/l	97
56) Ethyl methacrylate	9.16	69	247017	52.811	ug/l	99
57) 1,3-Dichloropropane	9.35	76	277330	50.112	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	654003	238.625	ug/l	99
59) 2-Hexanone	9.48	43	746318	247.633	ug/l	99
60) Dibromochloromethane	9.56	129	165932	51.249	ug/l	99
61) 1,2-Dibromoethane	9.65	107	170993	50.185	ug/l	99
64) Tetrachloroethene	9.32	164	140328	43.731	ug/l	96
65) Chlorobenzene	10.12	112	424791	50.611	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	157847	51.703	ug/l	99
67) Ethyl Benzene	10.23	91	762884	51.884	ug/l	100
68) m/p-Xylenes	10.34	106	566418	103.398	ug/l	99
69) o-Xylene	10.68	106	275472	52.605	ug/l	100
70) Styrene	10.70	104	467443	48.282	ug/l	99
71) Bromoform	10.84	173	114343	44.630	ug/l #	99
73) Isopropylbenzene	11.00	105	725594	52.844	ug/l	99
74) N-amyl acetate	10.88	43	286999	55.780	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	248474	50.602	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	224209m	51.760	ug/l	
77) Bromobenzene	11.24	156	182388	52.032	ug/l	99
78) n-propylbenzene	11.34	91	817349	51.888	ug/l	100
79) 2-Chlorotoluene	11.40	91	497443	52.072	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	599600	52.055	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	73683	46.287	ug/l	99
82) 4-Chlorotoluene	11.49	91	580591	51.627	ug/l	99
83) tert-Butylbenzene	11.76	119	600301	53.869	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	620910	53.276	ug/l	100
85) sec-Butylbenzene	11.93	105	677834	51.129	ug/l	100
86) p-Isopropyltoluene	12.05	119	613840	50.998	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	318861	49.532	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	322290	48.604	ug/l	99
89) n-Butylbenzene	12.37	91	533382	49.017	ug/l	99
90) Hexachloroethane	12.58	117	102678	50.979	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	325671	50.370	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51786	51.695	ug/l	99

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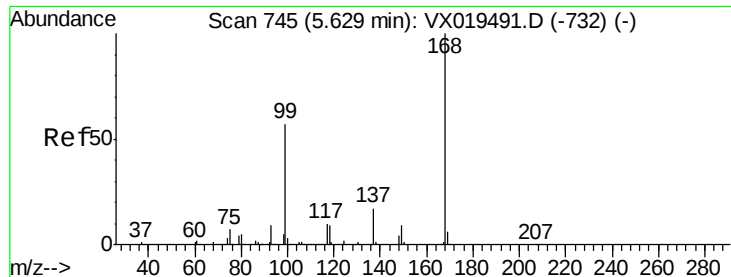
Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	208937	50.334	ug/l	97
94) Hexachlorobutadiene	13.76	225	81870	43.296	ug/l	99
95) Naphthalene	13.82	128	715324	48.909	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	208663	50.255	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 271154

Ion Ratio Lower Upper

168 100

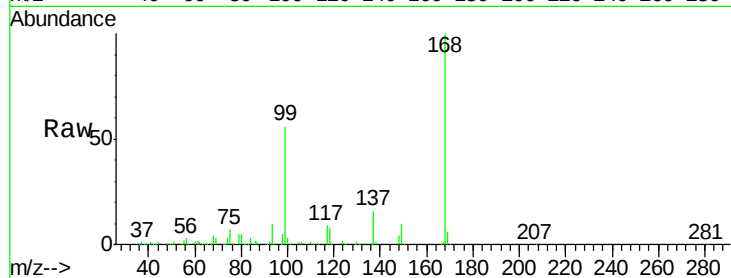
99 55.8 45.8 68.6

Manual Integrations

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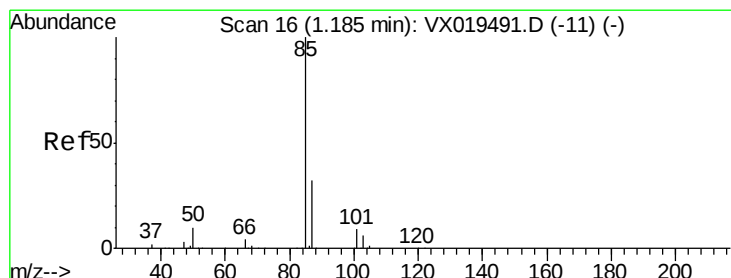
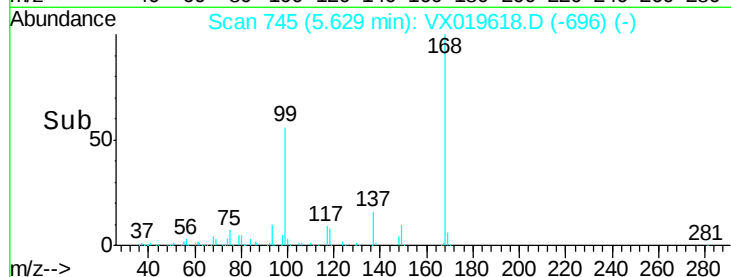
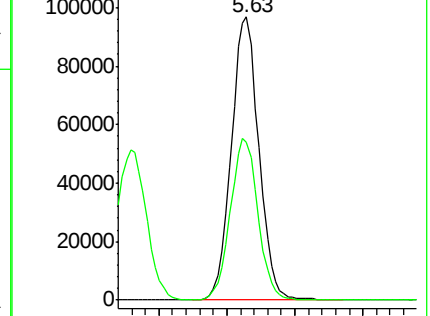
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.178 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019618.D

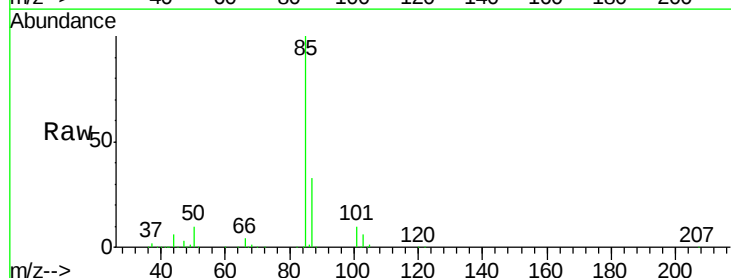
Acq: 24 Nov 2020 20:11

Tgt Ion: 85 Resp: 129675

Ion Ratio Lower Upper

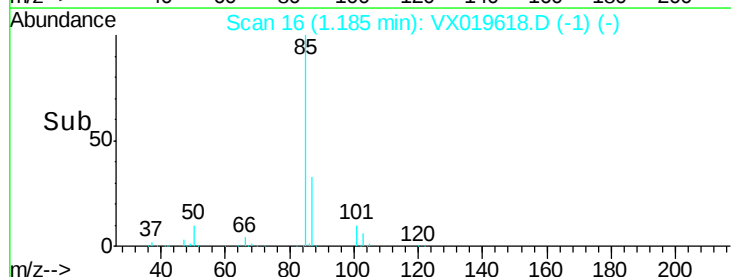
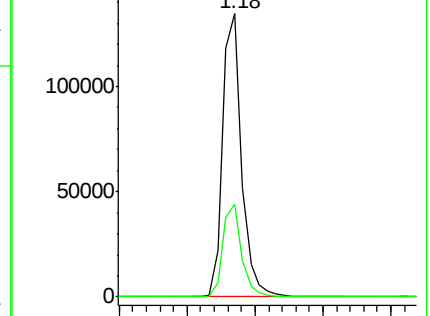
85 100

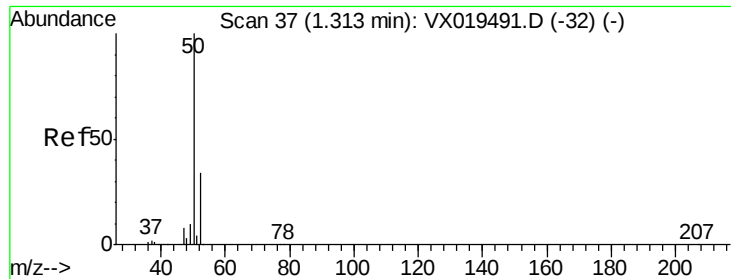
87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.554 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 140866

Ion Ratio Lower Upper

50 100

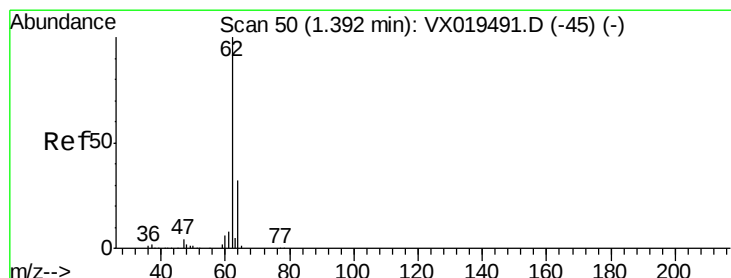
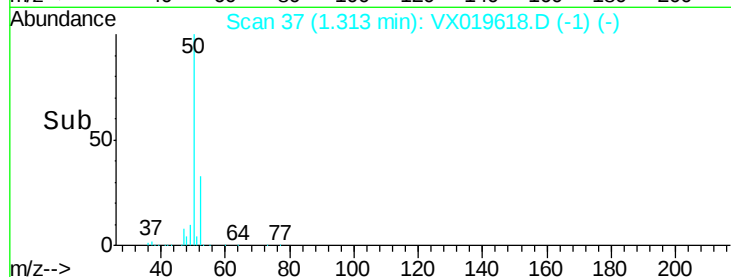
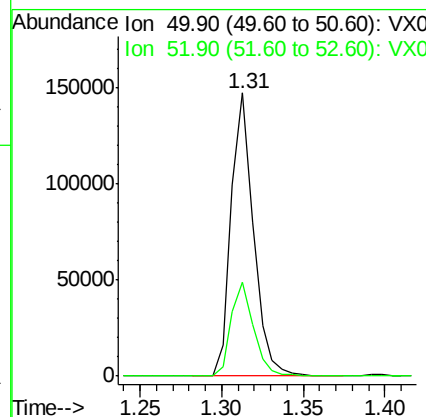
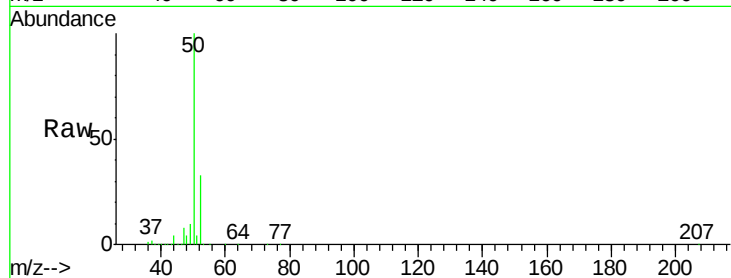
52 33.4 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.845 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019618.D

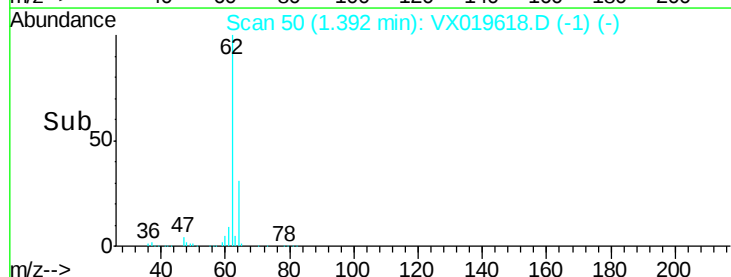
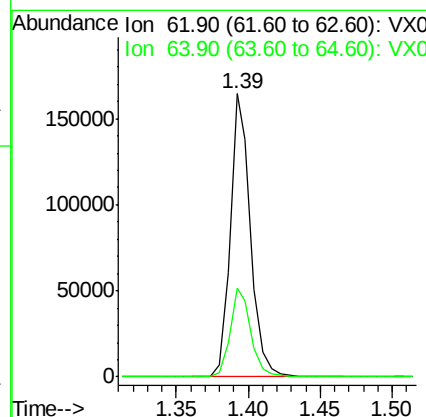
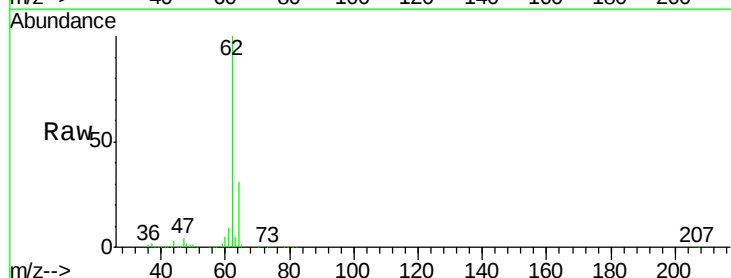
Acq: 24 Nov 2020 20:11

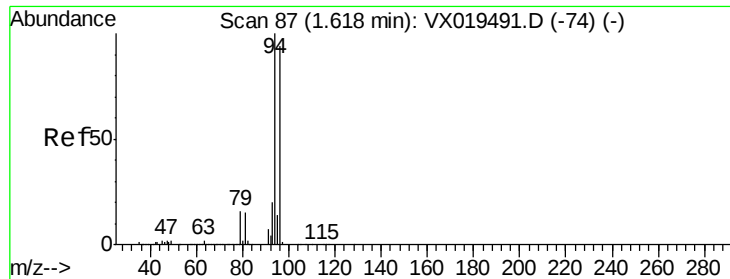
Tgt Ion: 62 Resp: 162356

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2





#5

Bromomethane

Concen: 46.399 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 57244

Ion Ratio Lower Upper

94 100

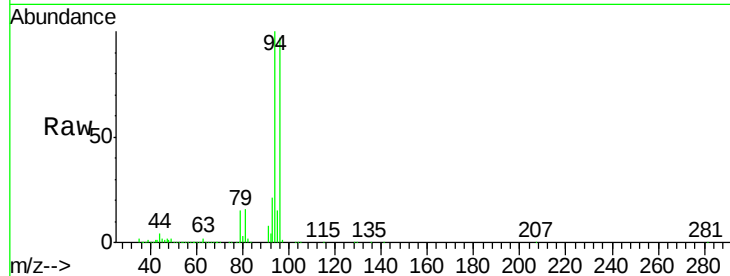
96 97.4 75.6 113.4

Manual Integrations

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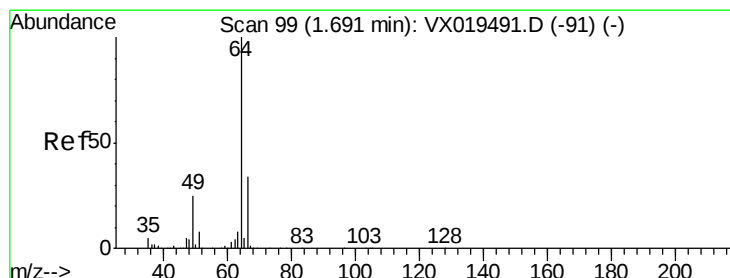
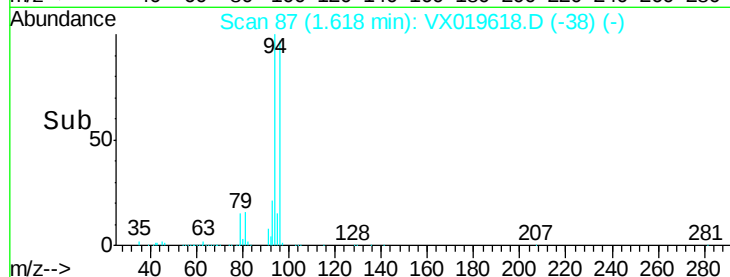
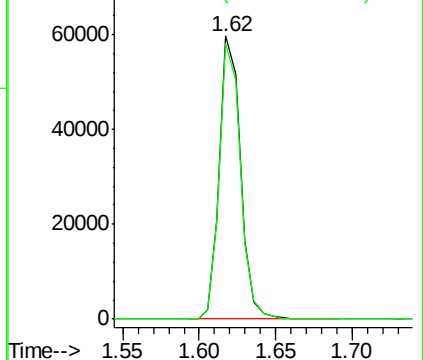
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 75.260 ug/l

RT: 1.70 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX019618.D

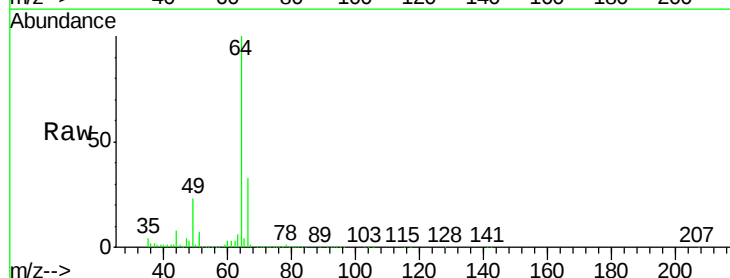
Acq: 24 Nov 2020 20:11

Tgt Ion: 64 Resp: 58022

Ion Ratio Lower Upper

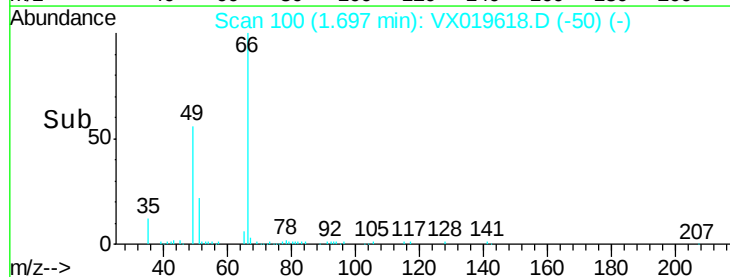
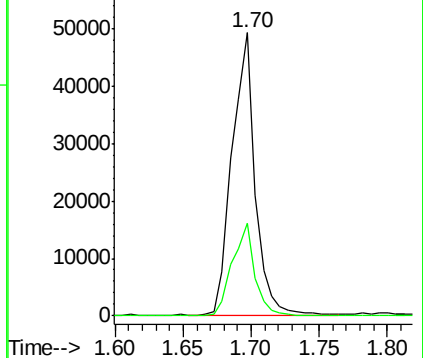
64 100

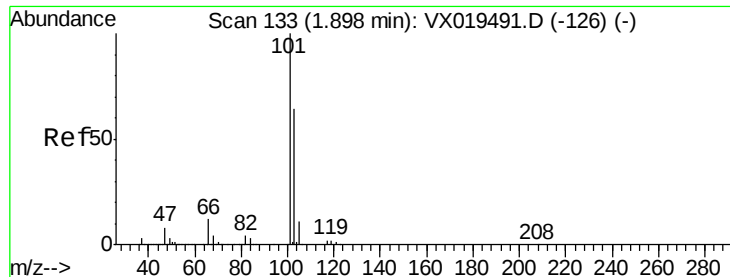
66 32.5 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

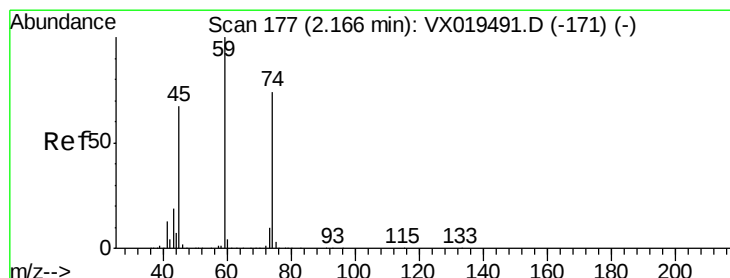
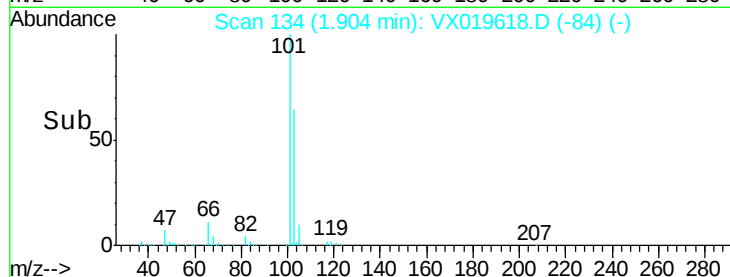
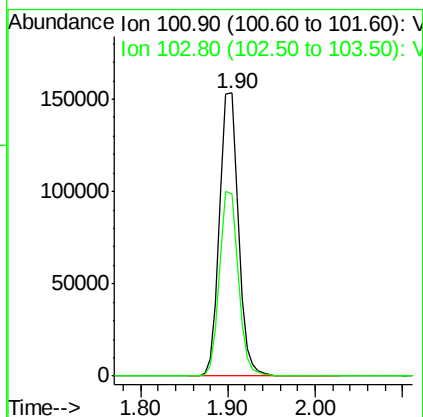
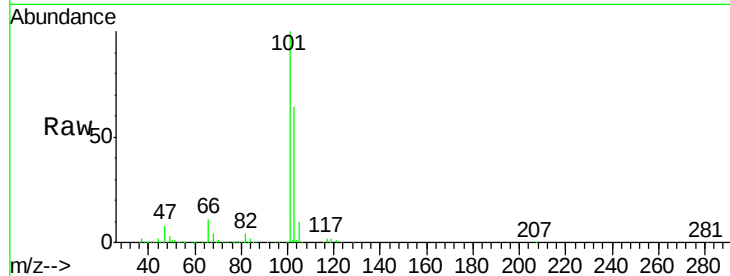
Trichlorofluoromethane
Concen: 48.549 ug/l
RT: 1.90 min Scan# 134
Delta R.T. 0.01 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	50.9	76.3

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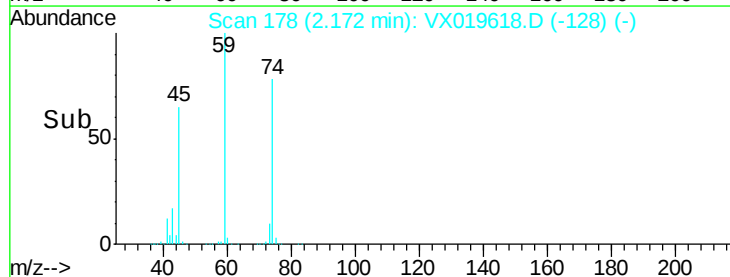
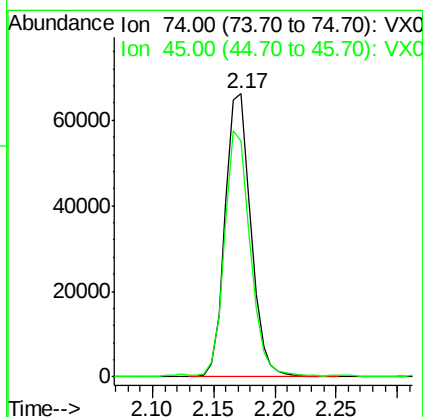
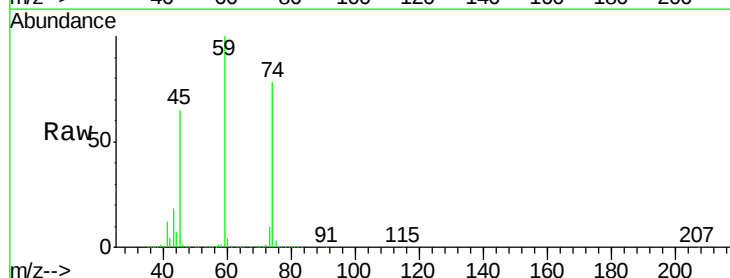
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11/25/2020 10:31:25 AM

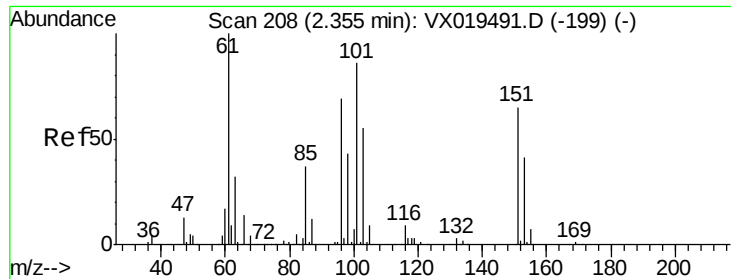


#8

Diethyl Ether
Concen: 51.452 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.4	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.725 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019618.D

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Instrument :

MSVOA_X

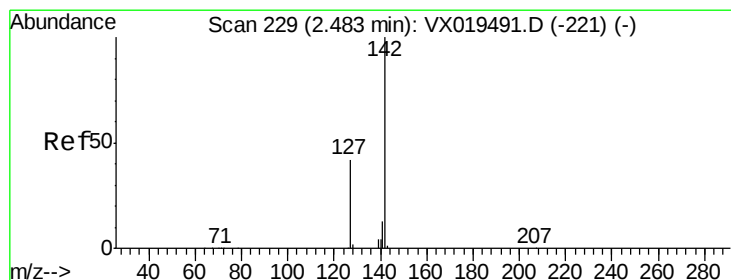
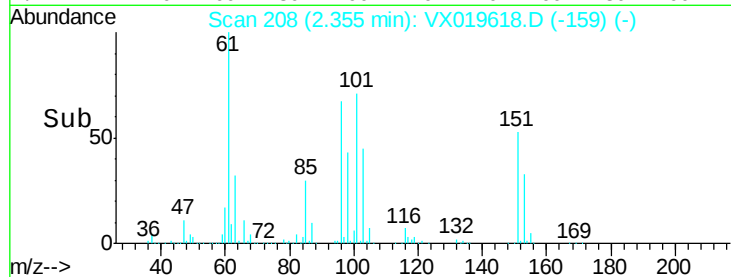
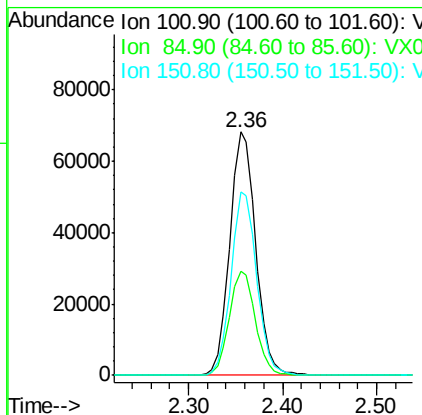
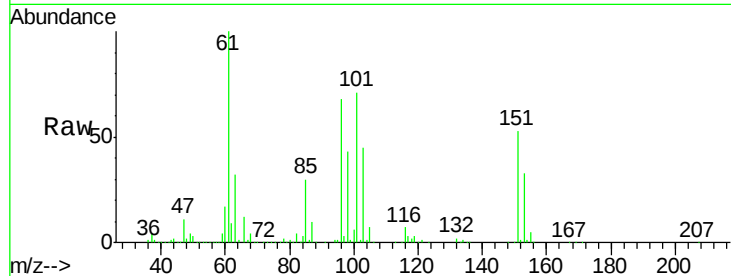
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	130419
Ion Ratio	Lower	Upper	
101	100		
85	43.2	33.9	50.9
151	74.8	60.9	91.3

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#10

Methyl Iodide

Concen: 53.412 ug/l

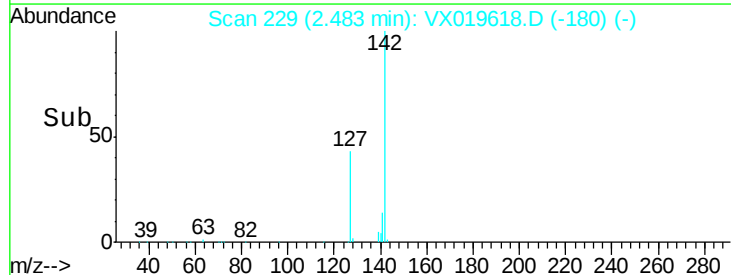
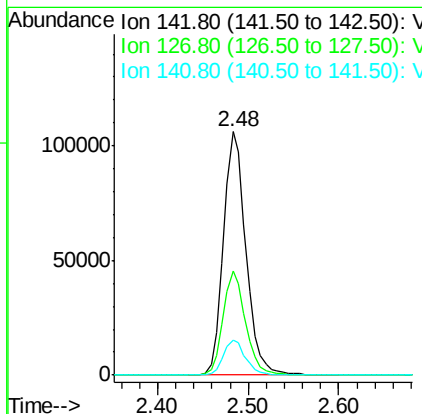
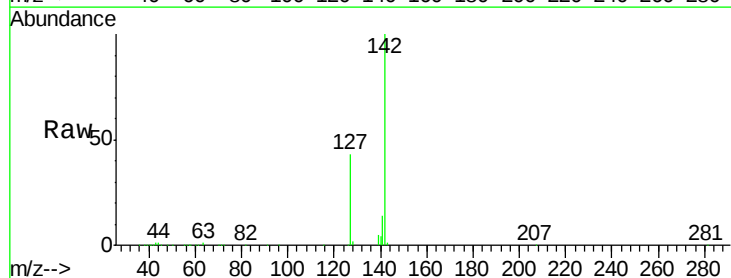
RT: 2.48 min Scan# 229

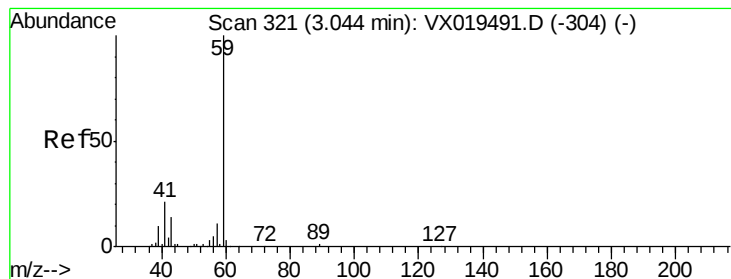
Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Tgt Ion:	142	Resp:	184036
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.8	50.6
141	14.2	11.0	16.6





#11

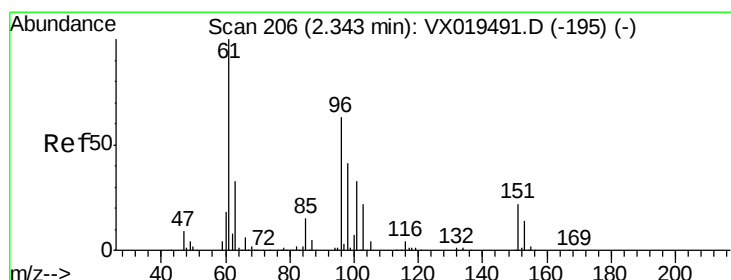
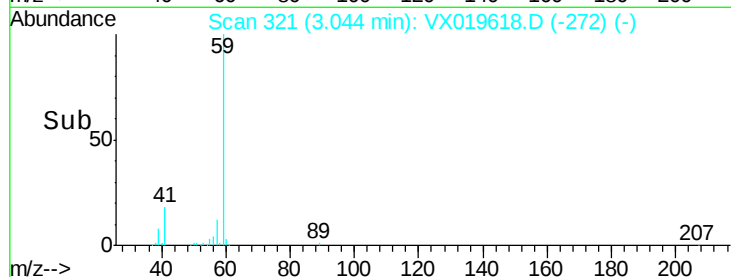
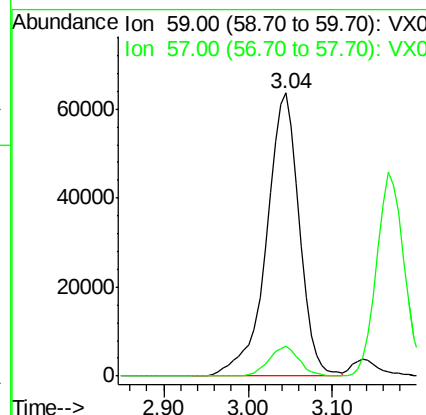
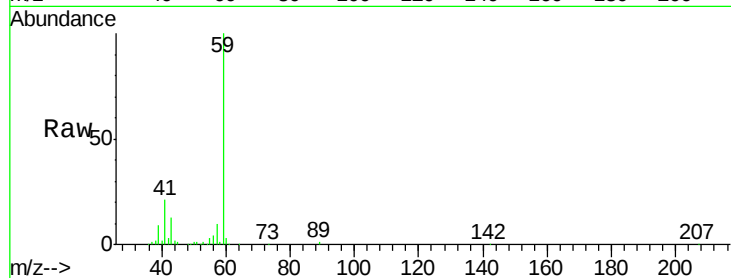
Tert butyl alcohol
Concen: 257.464 ug/l
RT: 3.04 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	171305		
57	9.8		7.9	11.9

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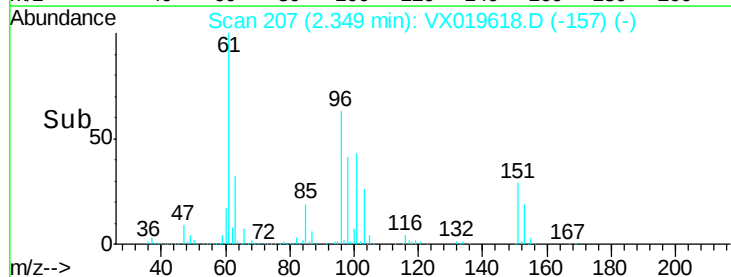
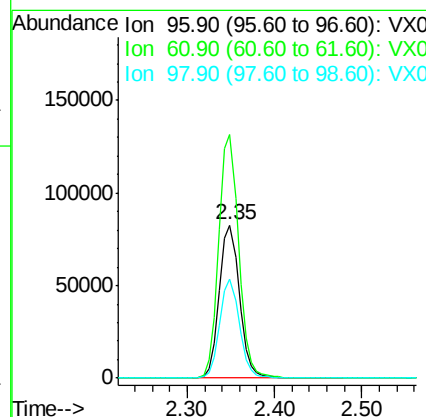
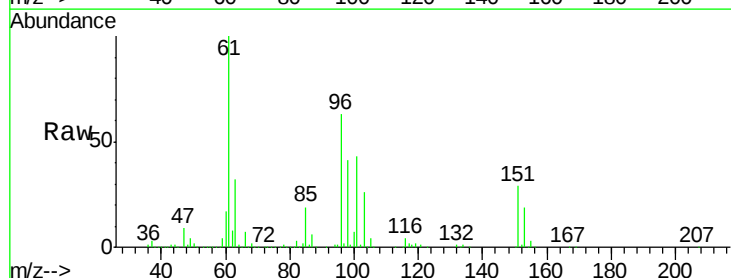
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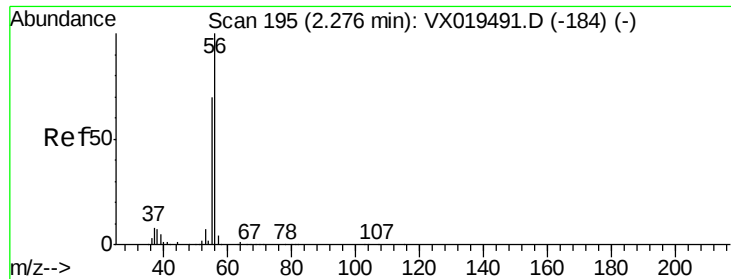


#12

1,1-Dichloroethene
Concen: 49.272 ug/l
RT: 2.35 min Scan# 207
Delta R.T. 0.01 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	132640		
61	159.1		126.0	189.0
98	64.6		52.0	78.0





#13

Acrolein

Concen: 221.081 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 98878

Ion Ratio Lower Upper

56 100

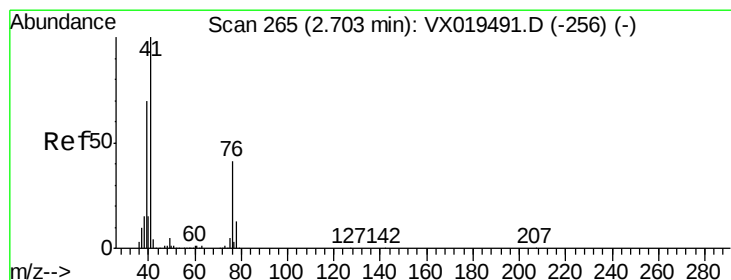
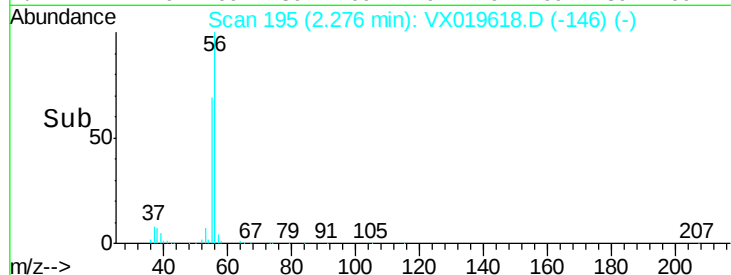
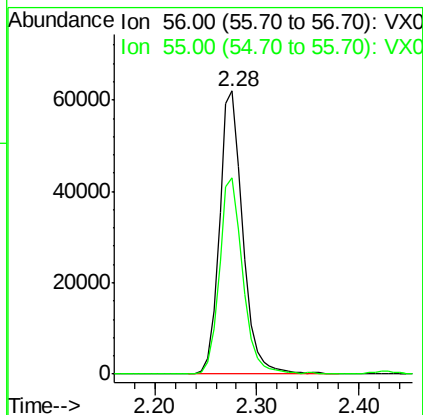
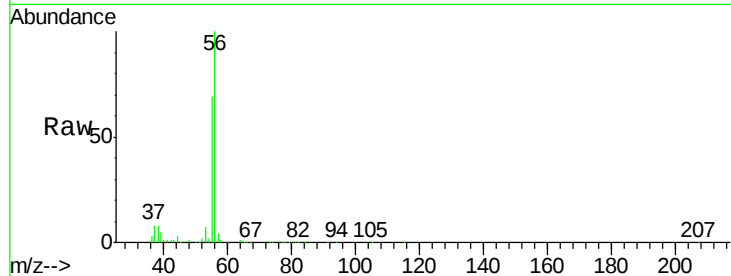
55 69.5 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 48.886 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

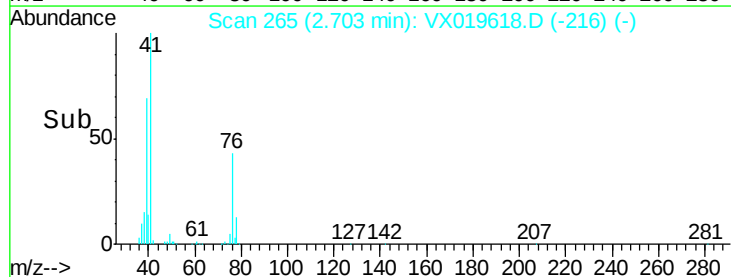
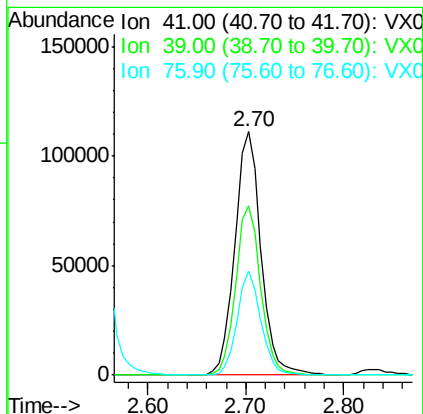
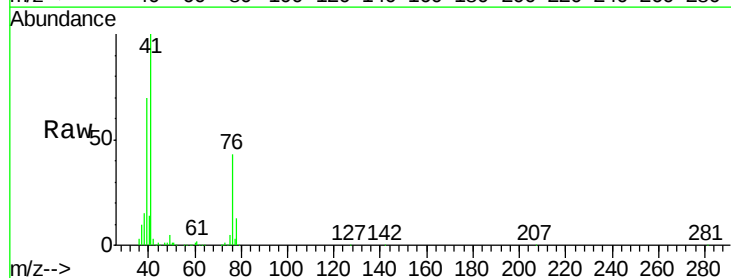
Tgt Ion: 41 Resp: 206163

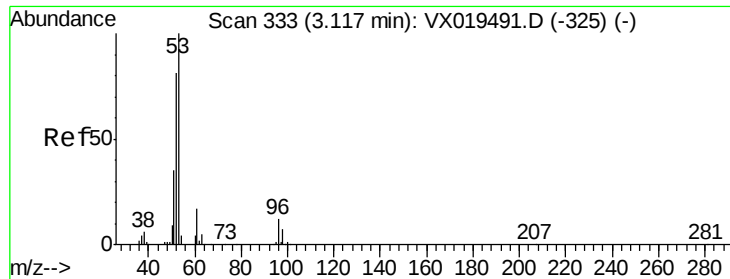
Ion Ratio Lower Upper

41 100

39 66.5 53.0 79.4

76 39.0 31.0 46.6





#15

Acrylonitrile

Concen: 255.018 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Instrument :

MSVOA_X

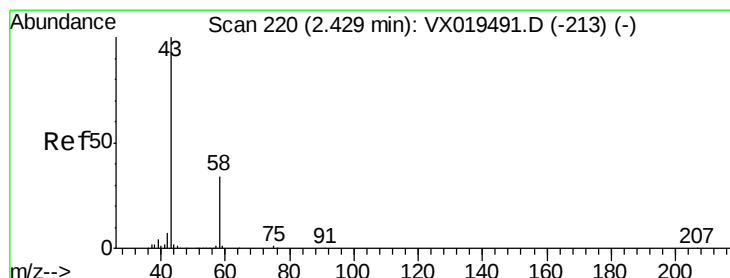
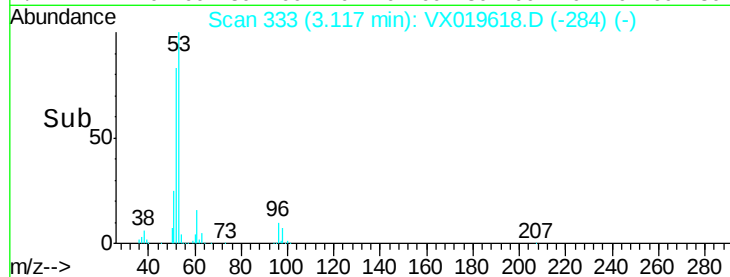
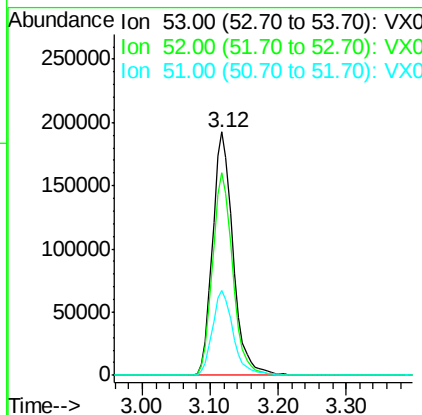
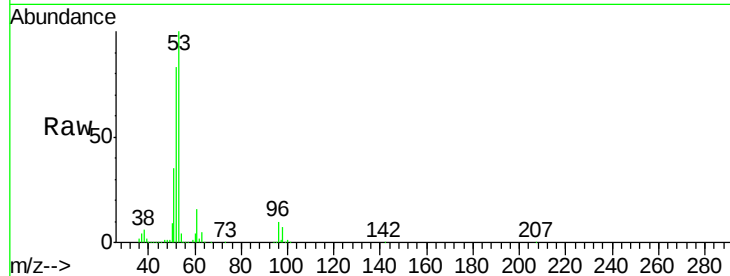
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	400159
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.2	99.2
51	35.5	28.5	42.7

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#16

Acetone

Concen: 233.269 ug/l

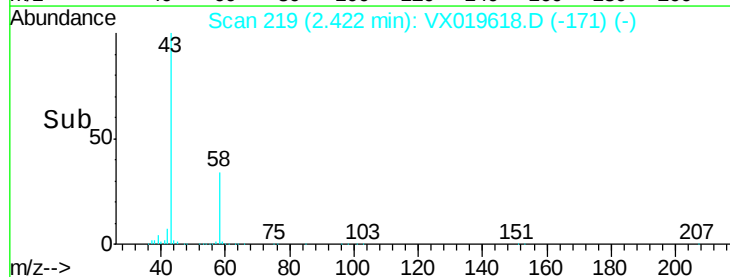
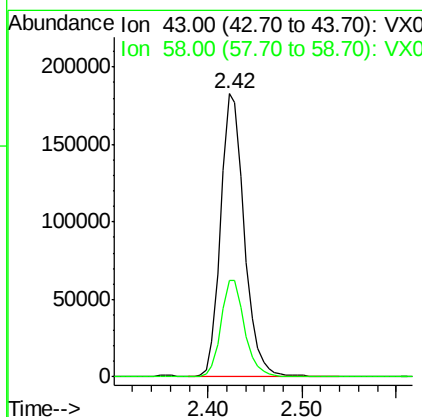
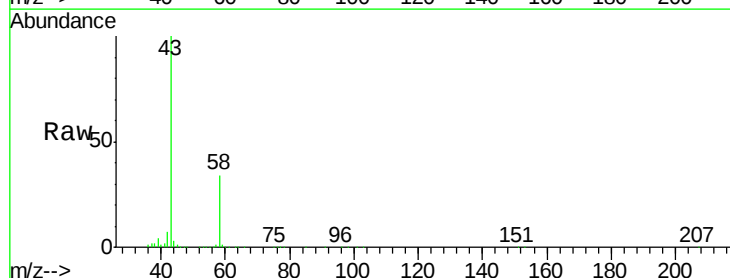
RT: 2.42 min Scan# 219

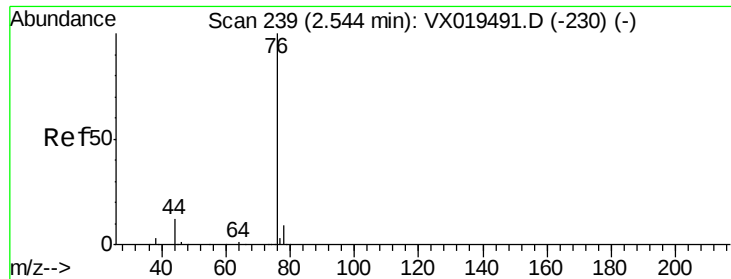
Delta R.T. -0.01 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Tgt Ion:	43	Resp:	317153
Ion	Ratio	Lower	Upper
43	100		
58	34.3	27.4	41.2





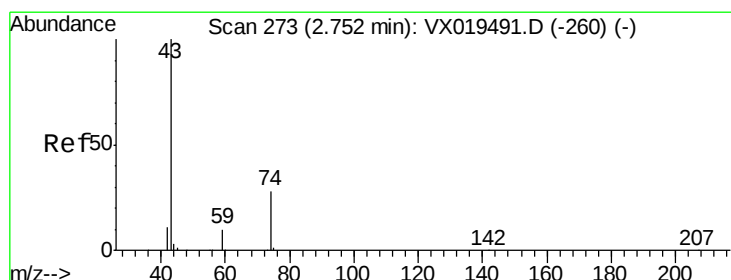
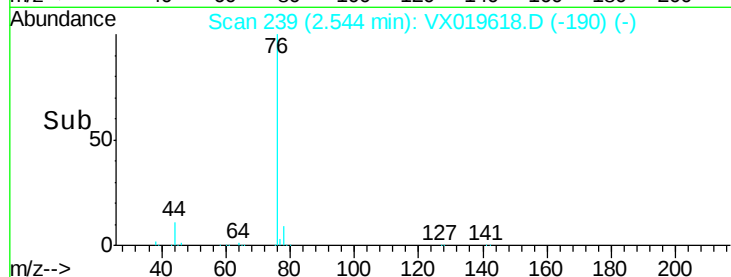
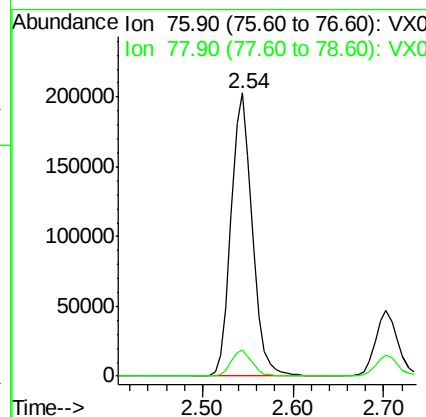
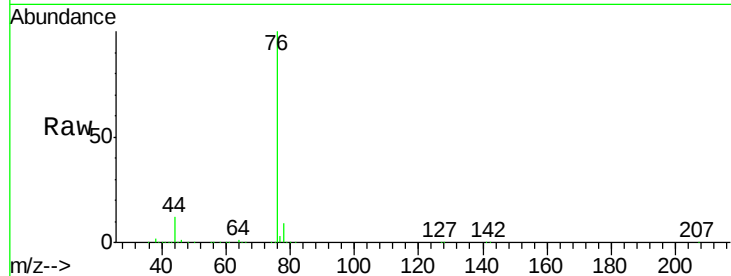
#17
Carbon Disulfide
Concen: 45.410 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

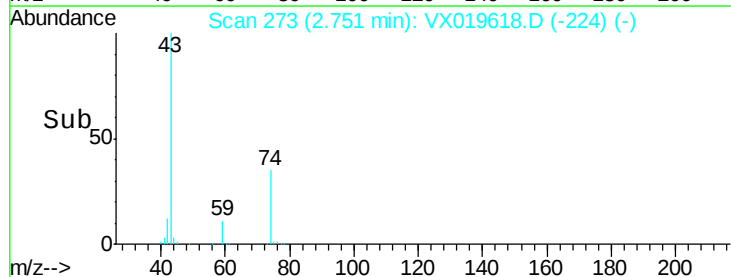
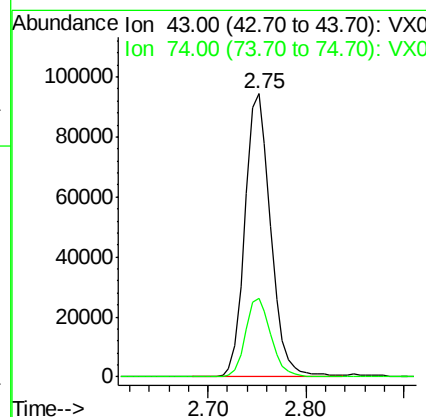
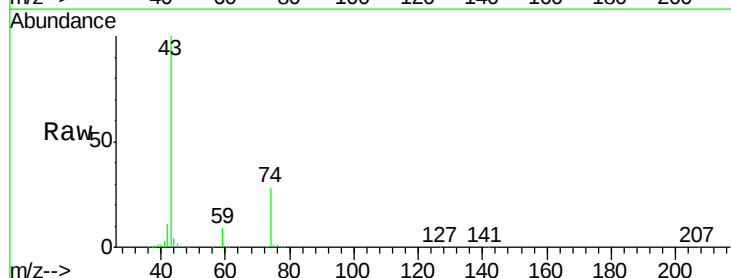
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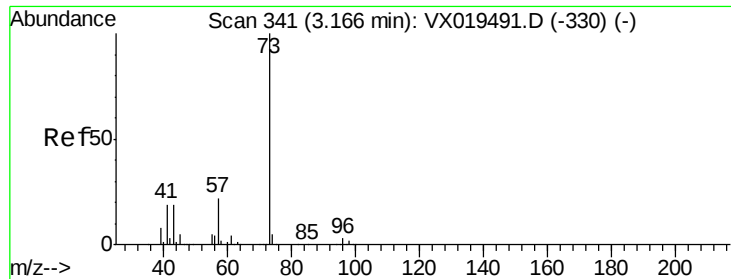
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#18
Methyl Acetate
Concen: 51.437 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.0	22.2	33.4





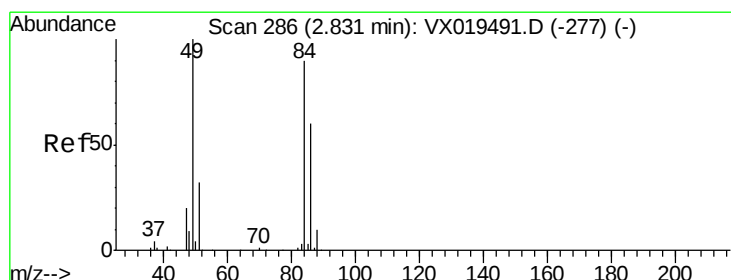
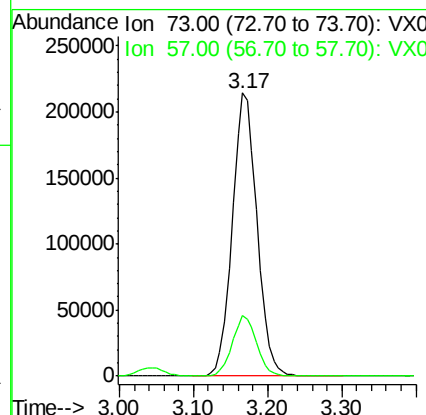
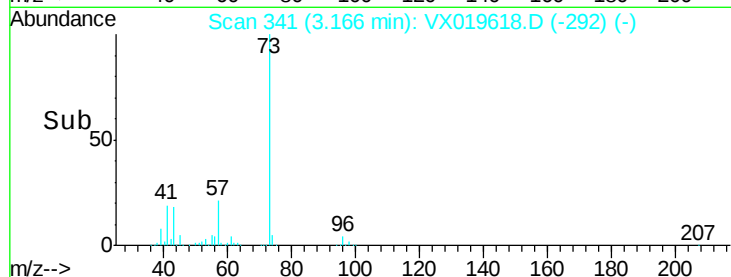
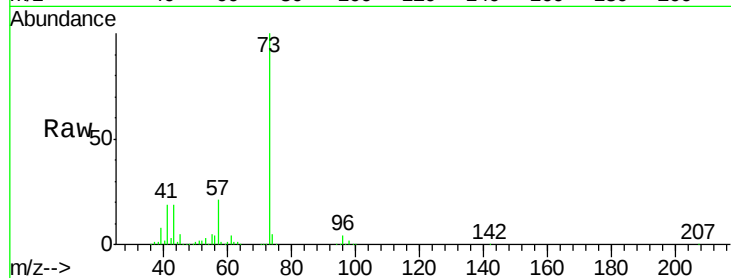
#19
Methvl tert-butvl Ether
Concen: 53.386 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 496071
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

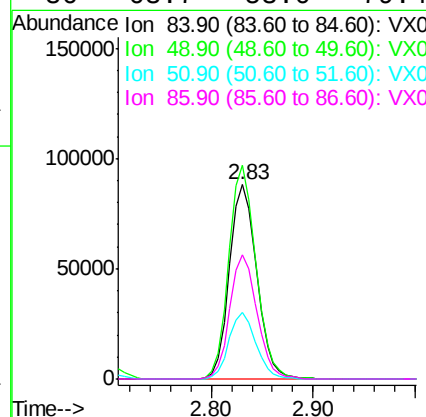
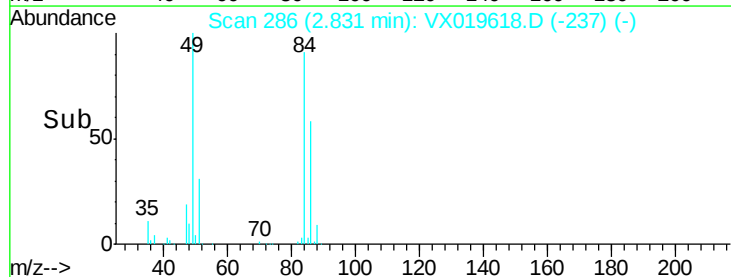
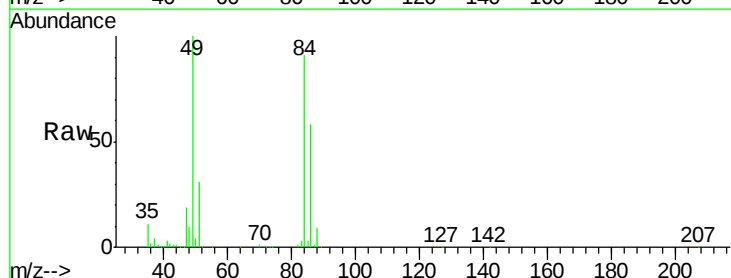
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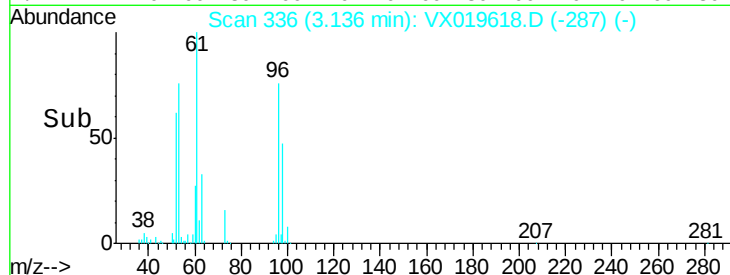
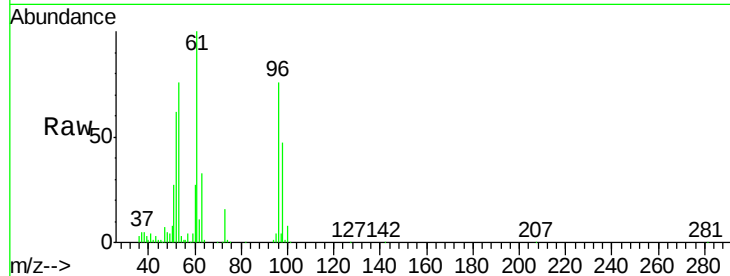
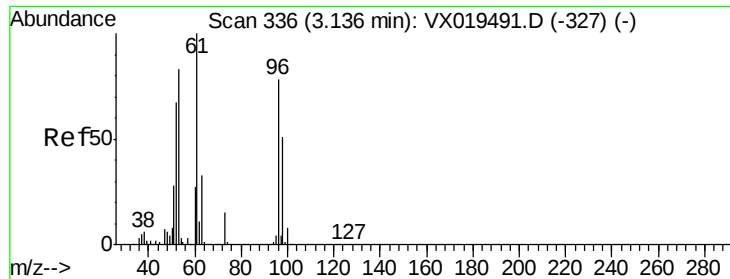
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#20
Methylene Chloride
Concen: 48.365 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion: 84 Resp: 164353
Ion Ratio Lower Upper
84 100
49 110.1 88.5 132.7
51 34.4 28.0 42.0
86 63.7 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 49.496 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Tot Ion:	96	Resp:	150963
Ion	Ratio	Lower	Upper
96	100		
61	131.9	102.9	154.3
98	62.4	52.1	78.1

Instrument :

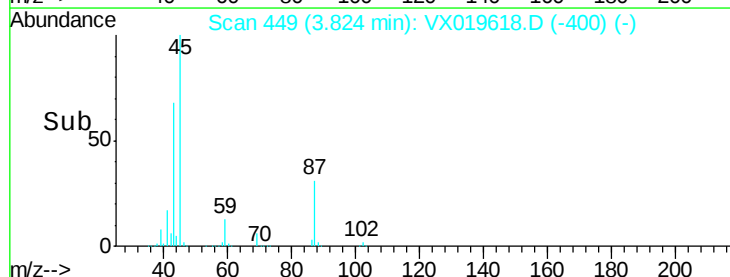
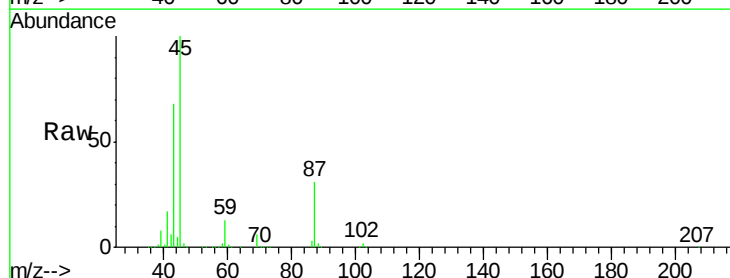
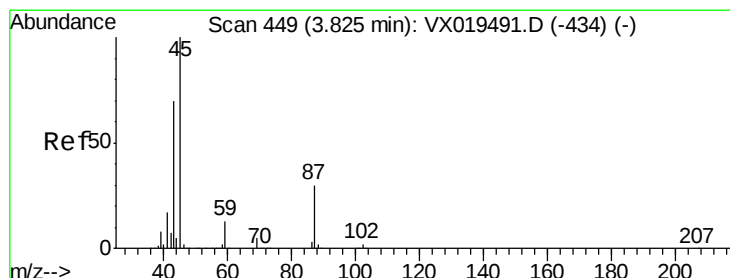
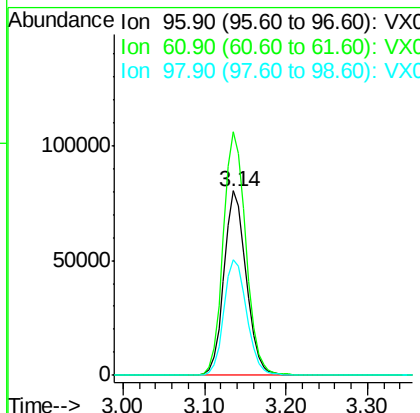
MSVOA_X

ClientSampleId :

VSTDCCC050EC

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#22

Diisopropyl ether

Concen: 52.997 ug/l

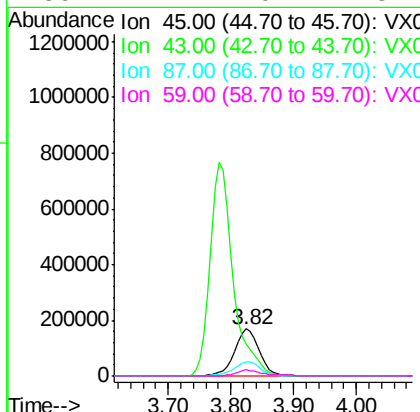
RT: 3.82 min Scan# 449

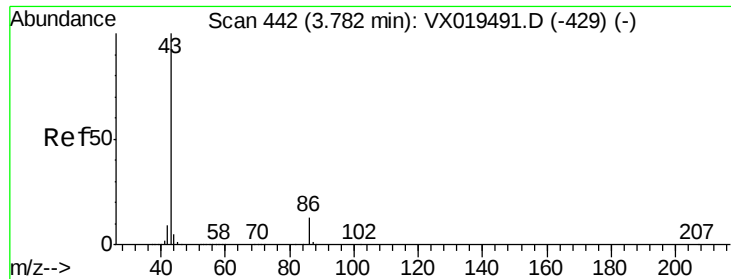
Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Tgt Ion:	45	Resp:	462355
Ion	Ratio	Lower	Upper
45	100		
43	67.3	56.1	84.1
87	30.8	24.2	36.2
59	12.7	10.2	15.2





#23

Vinyl Acetate

Concen: 268.025 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1961324

Ion Ratio Lower Upper

43 100

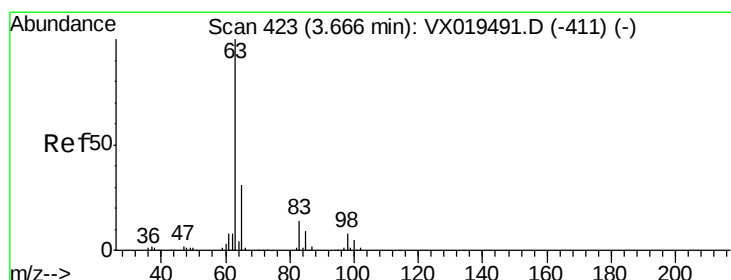
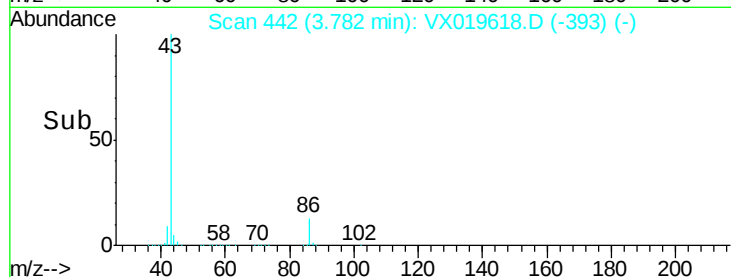
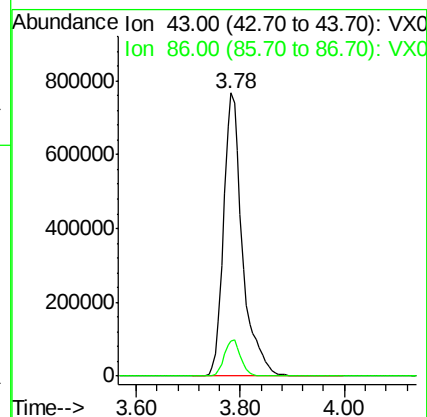
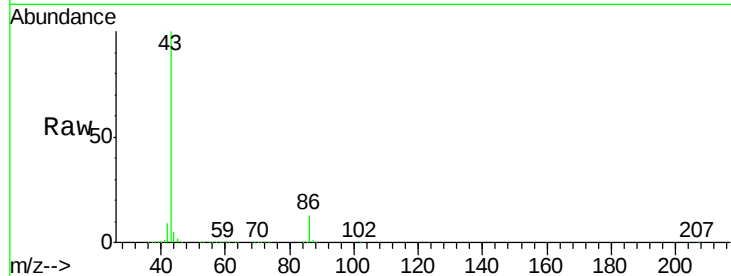
86 12.6 10.2 15.2

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#24

1,1-Dichloroethane

Concen: 51.785 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

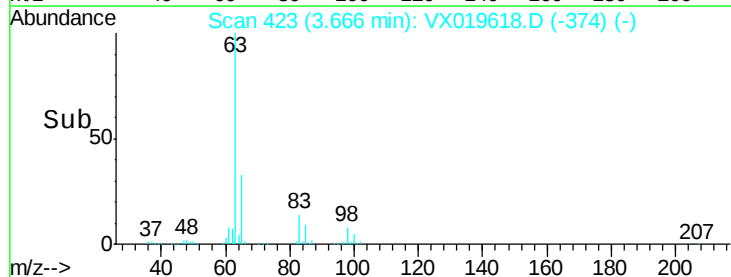
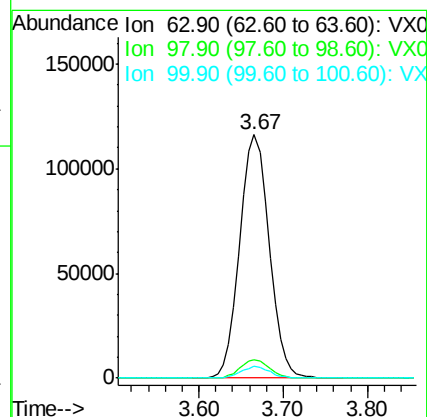
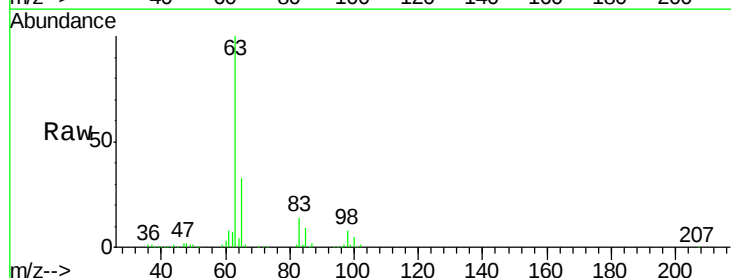
Tgt Ion: 63 Resp: 276333

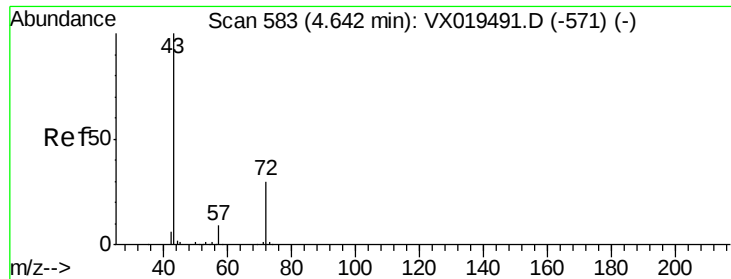
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 247.104 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 504681

Ion Ratio Lower Upper

43 100

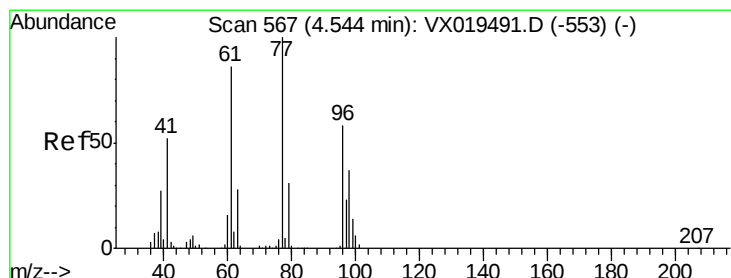
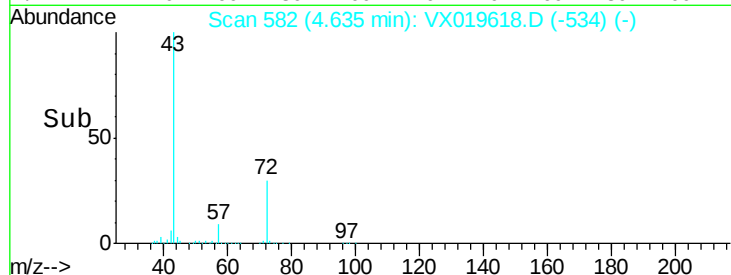
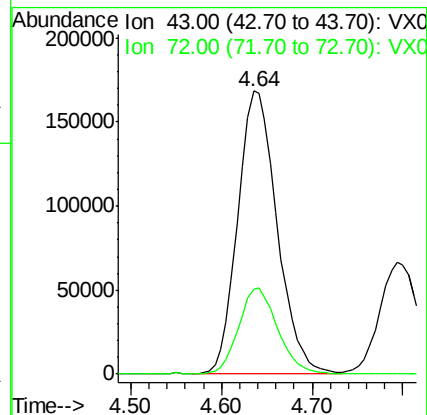
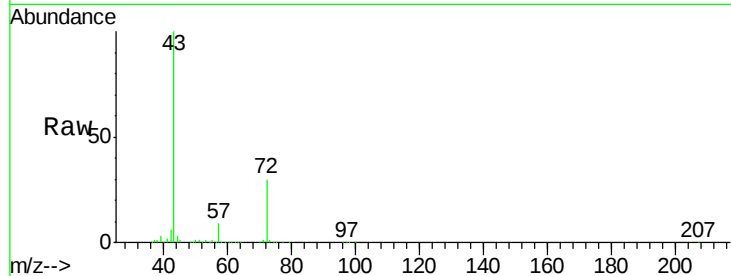
72 30.0 24.0 36.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.579 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019618.D

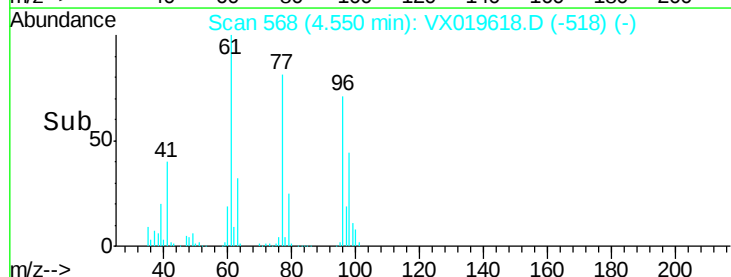
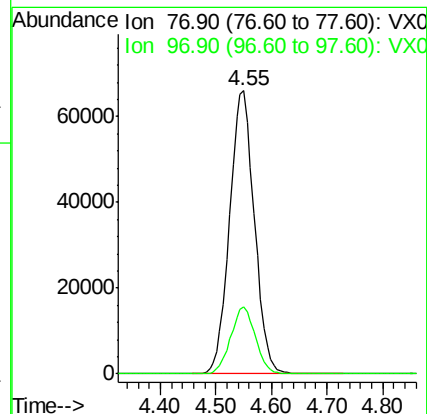
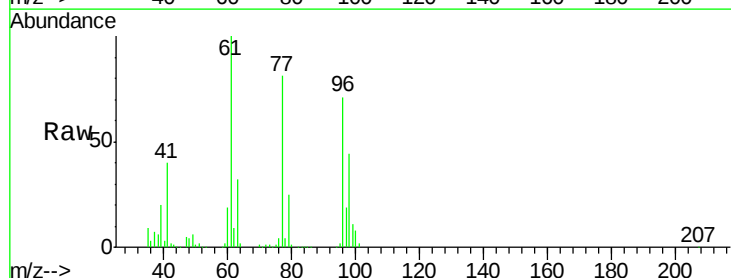
Acq: 24 Nov 2020 20:11

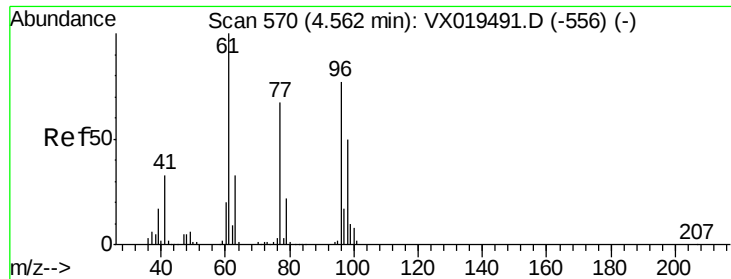
Tgt Ion: 77 Resp: 202978

Ion Ratio Lower Upper

77 100

97 23.5 11.6 34.8





#27

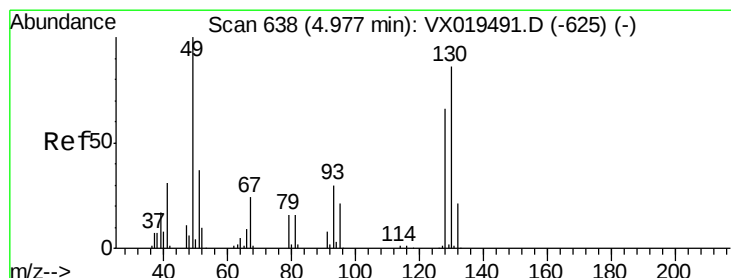
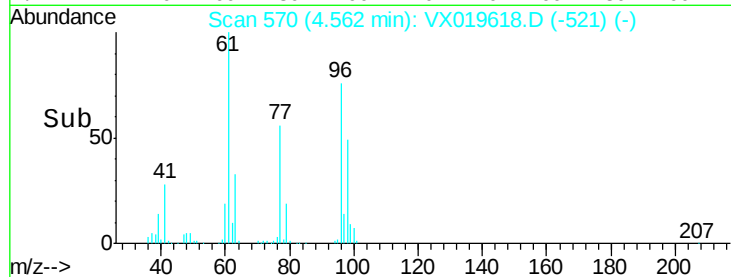
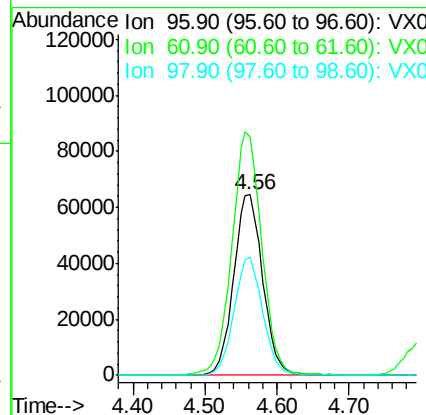
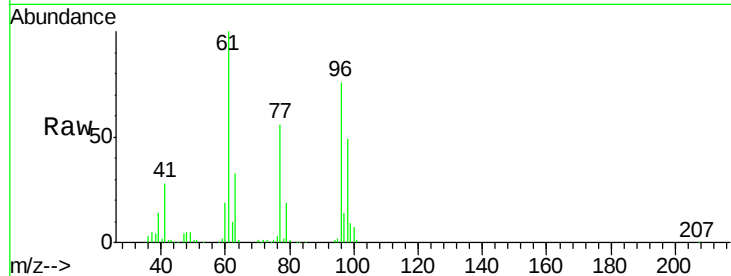
cis-1,2-Dichloroethene
Concen: 51.488 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	180389		
61	139.3	0.0	279.2	
98	64.4	0.0	129.8	

Manual Integrations
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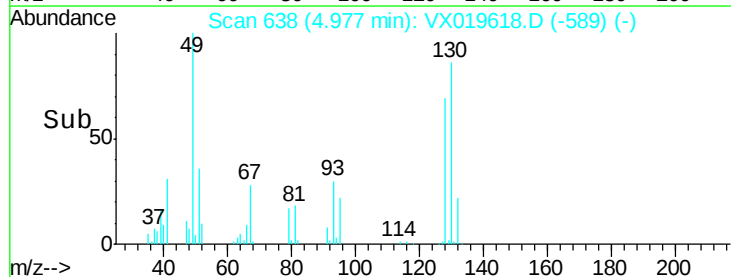
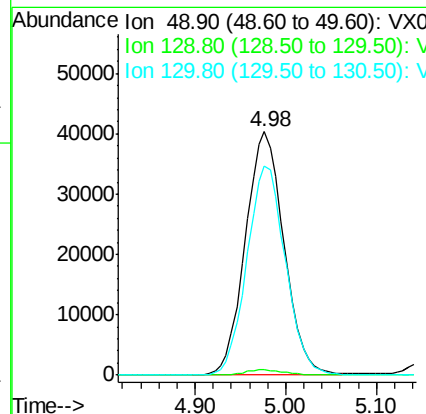
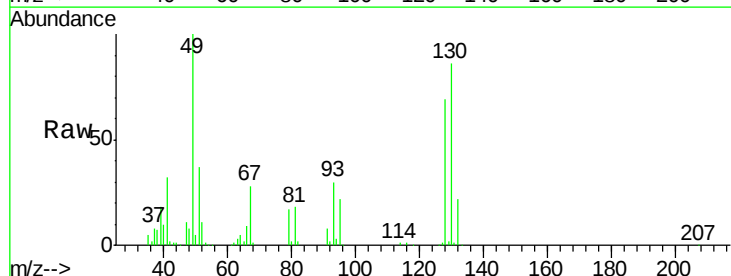
MMDadoda
11/25/2020 10:31:25 AM

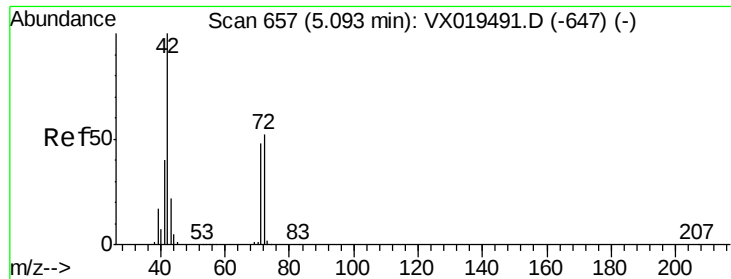


#28

Bromochloromethane
Concen: 46.701 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	119144		
129	2.1	0.0	4.2	
130	85.9	69.0	103.6	





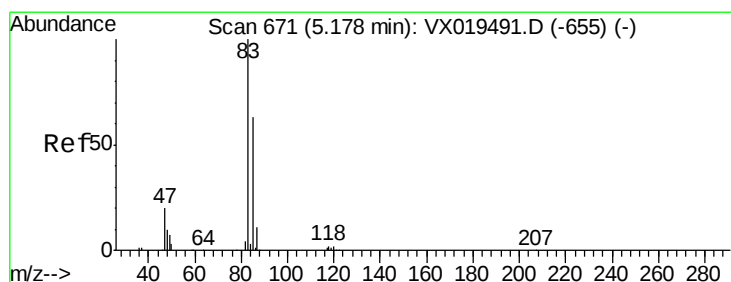
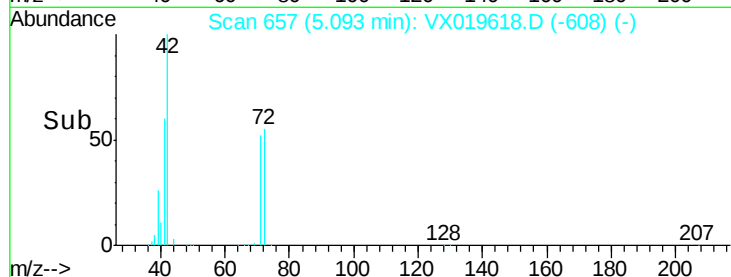
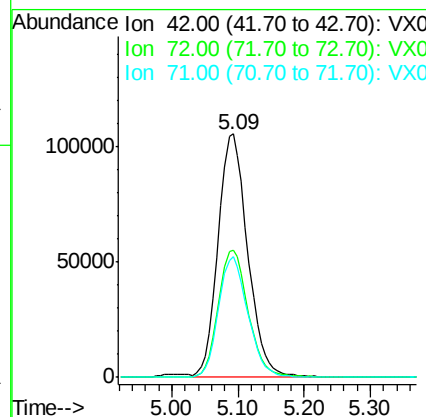
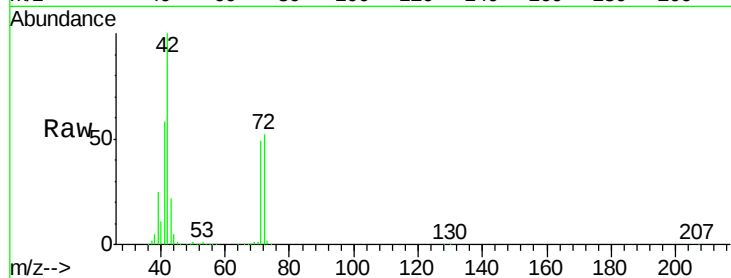
#29
Tetrahydrofuran
Concen: 249.668 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.6	42.6	63.8
71	49.6	39.0	58.6

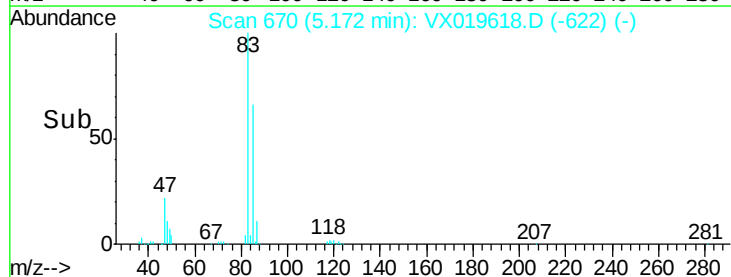
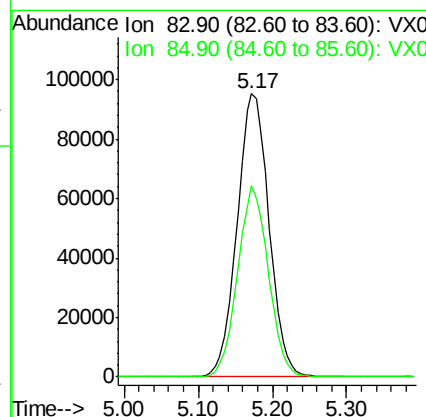
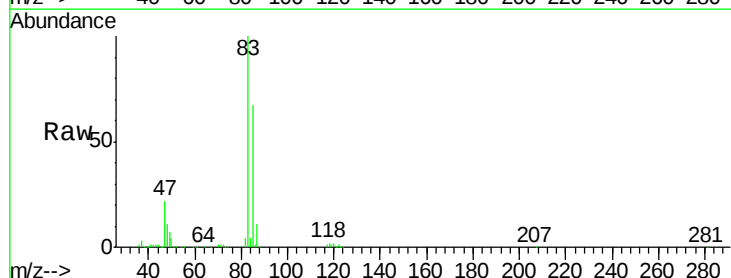
Manual Integrations
APPROVED

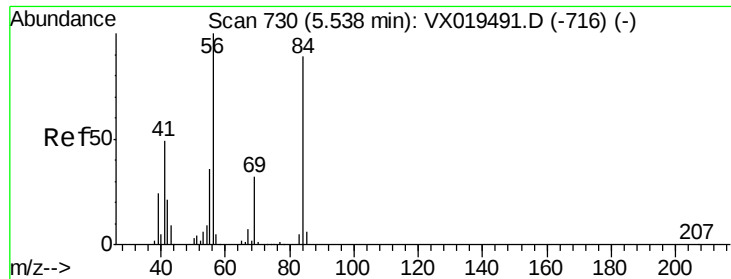
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#30
Chloroform
Concen: 51.404 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.4	50.5	75.7





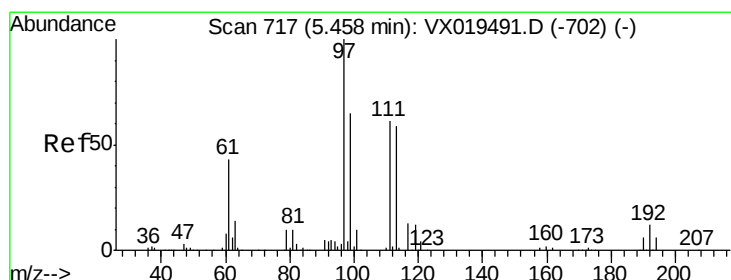
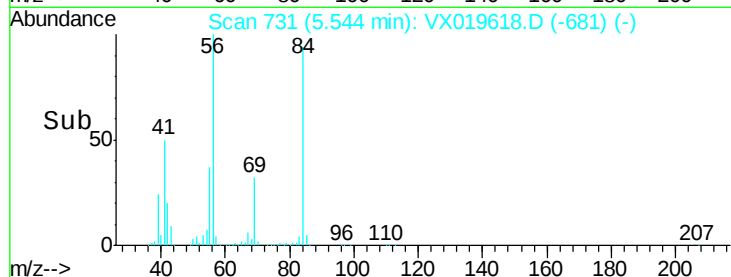
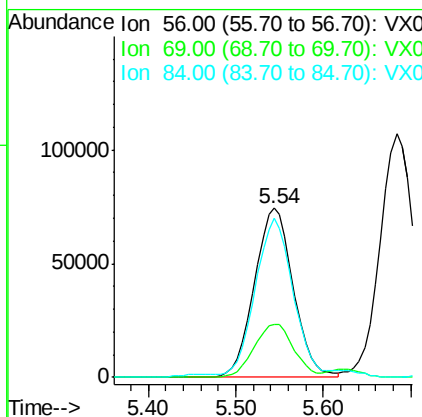
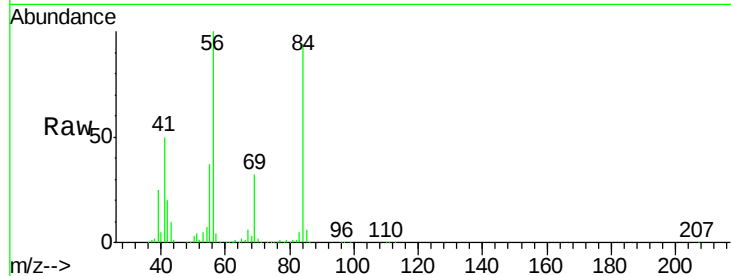
#31
Cyclohexane
Concen: 50.445 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.5	38.3
84	92.2	71.1	106.7

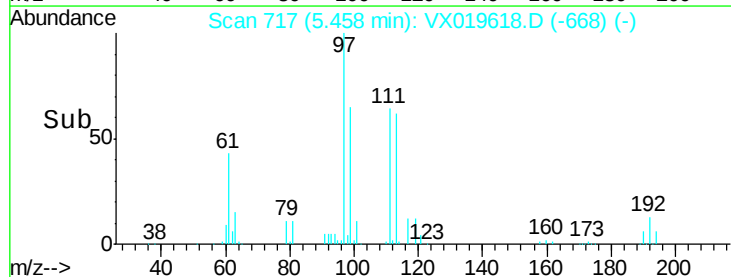
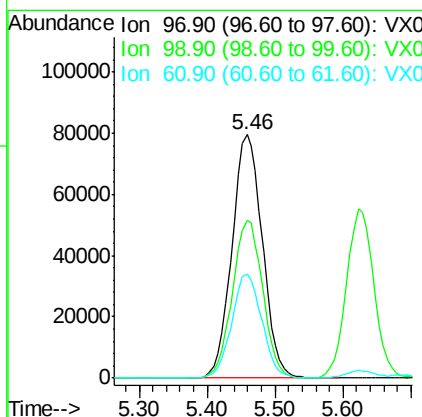
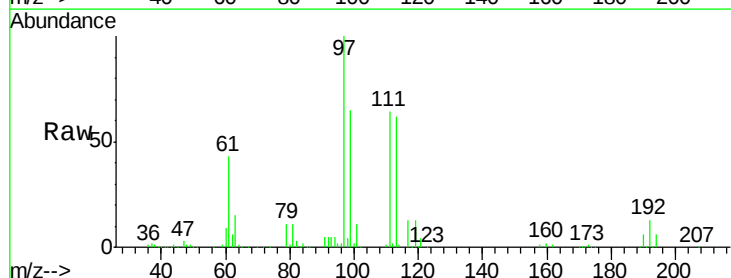
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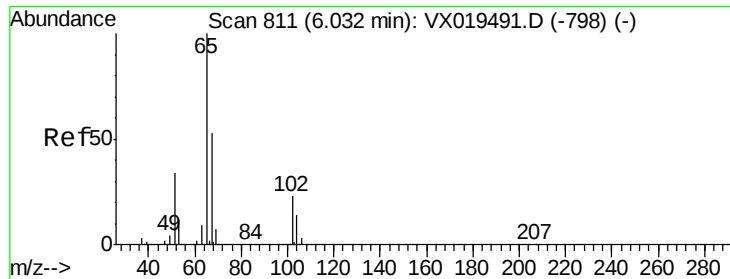
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#32
1,1,1-Trichloroethane
Concen: 51.380 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.0
61	42.5	34.2	51.2





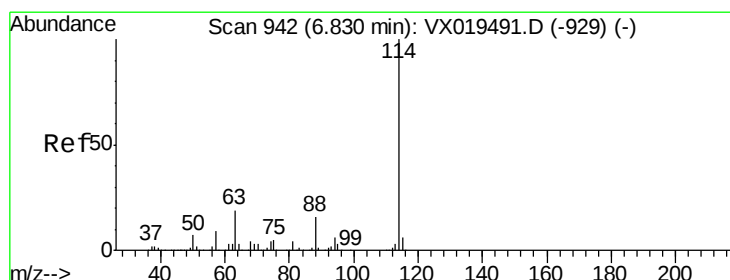
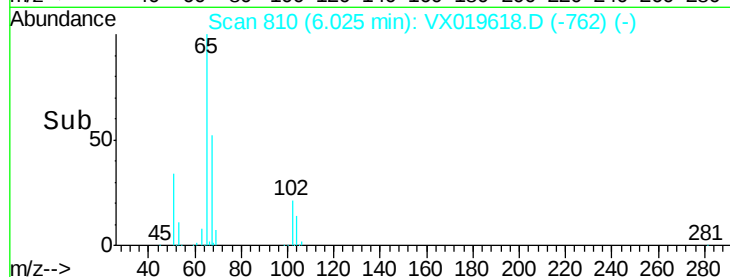
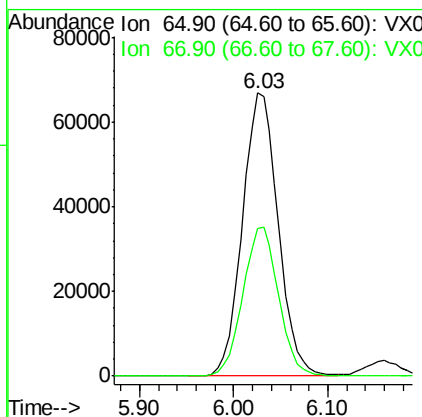
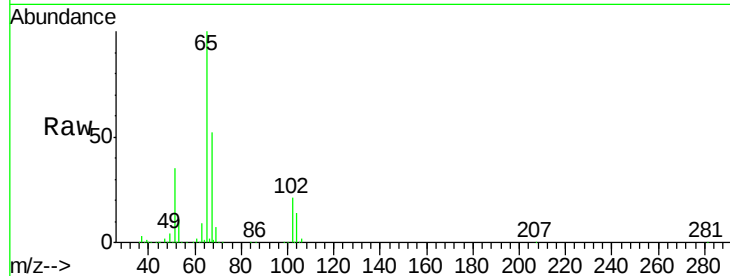
#33
 1,2-Dichloroethane-d4
 Concen: 50.570 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019618.D
 Acq: 24 Nov 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.0

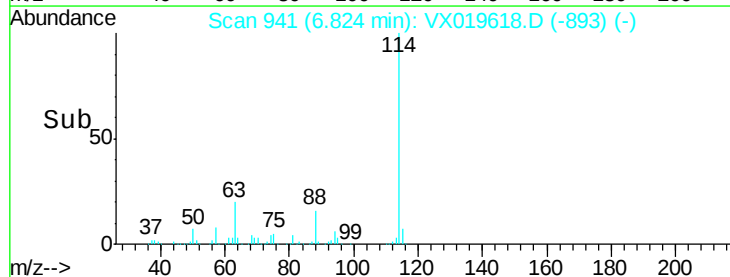
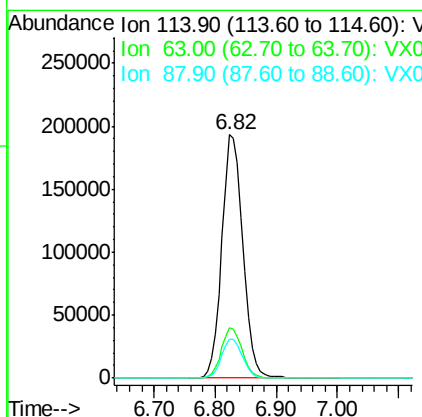
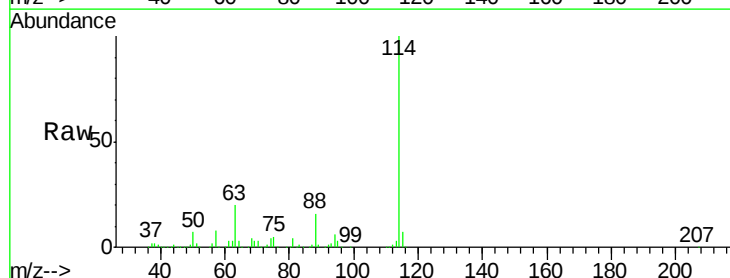
Manual Integrations
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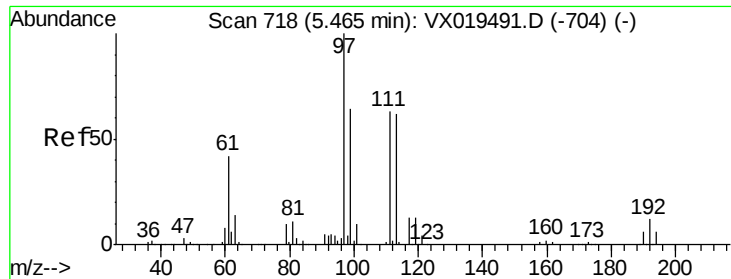
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019618.D
 Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	38.8
88	15.8	0.0	31.6





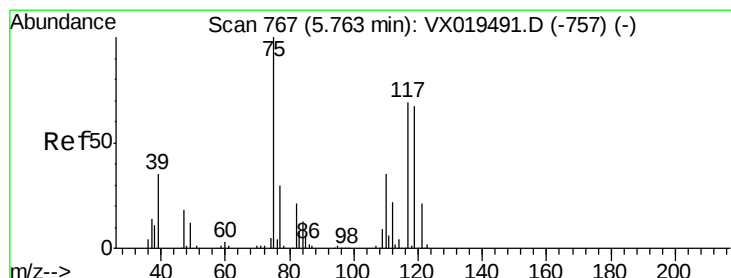
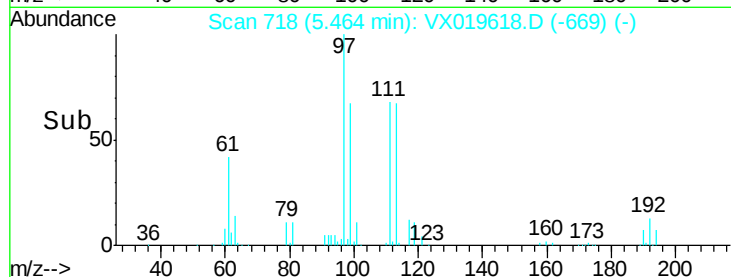
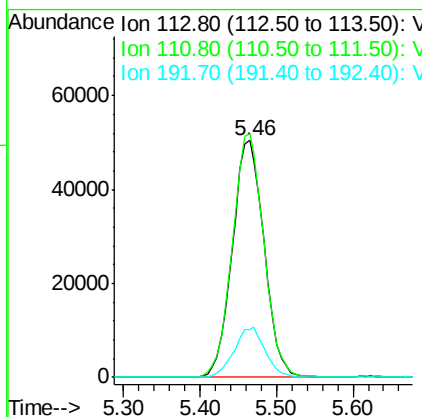
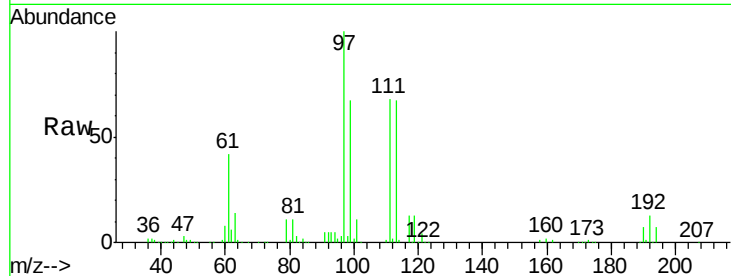
#35
Dibromofluoromethane
Concen: 50.106 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	144867		
111	102.1	81.5	122.3	
192	20.5	16.2	24.2	

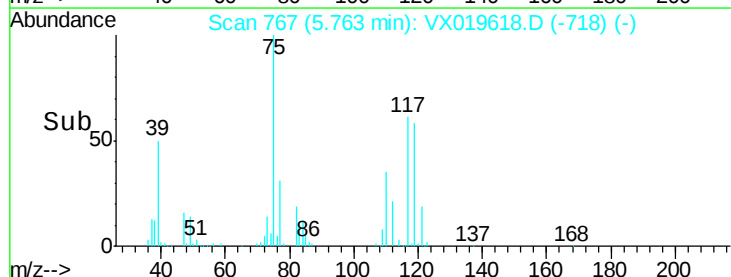
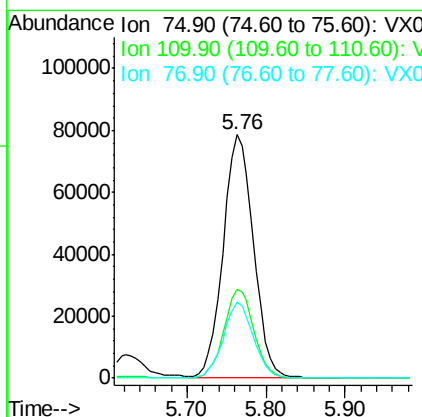
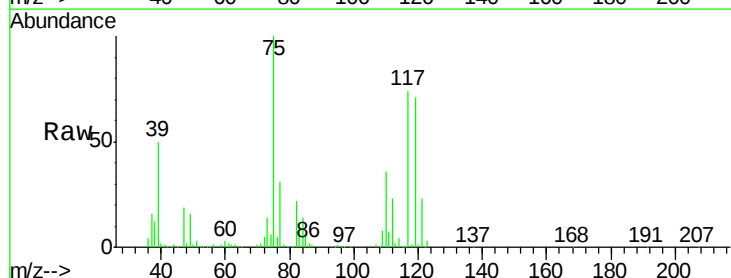
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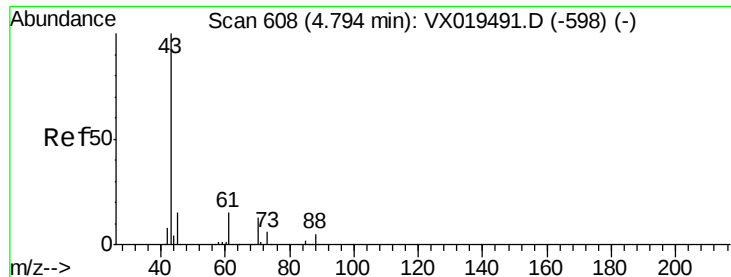
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#36
1,1-Dichloropropene
Concen: 48.596 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	209845		
110	36.2	18.1	54.3	
77	30.9	24.2	36.4	





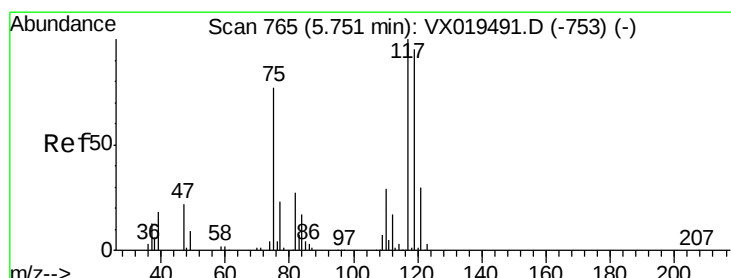
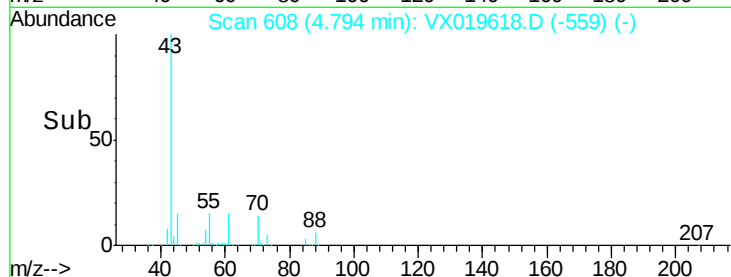
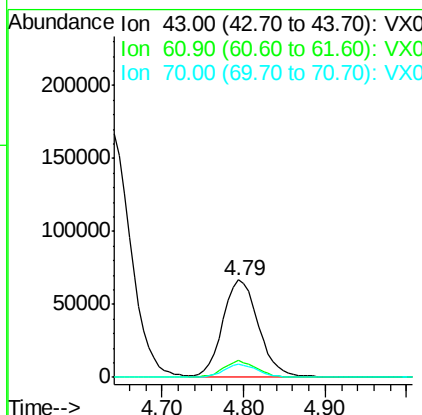
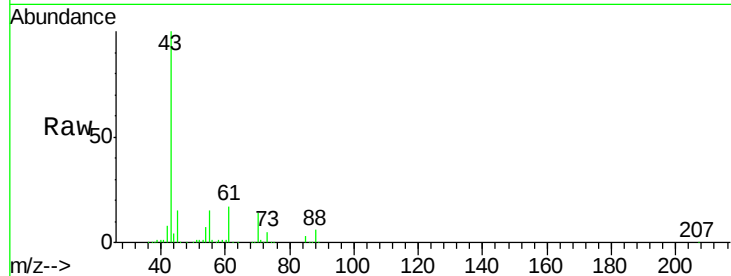
#37
Ethyl Acetate
Concen: 49.816 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.7	19.1
70	12.9	10.2	15.2

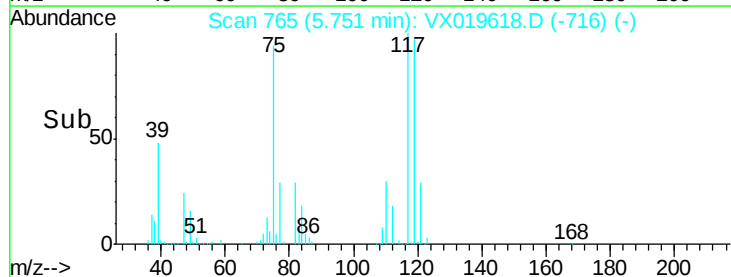
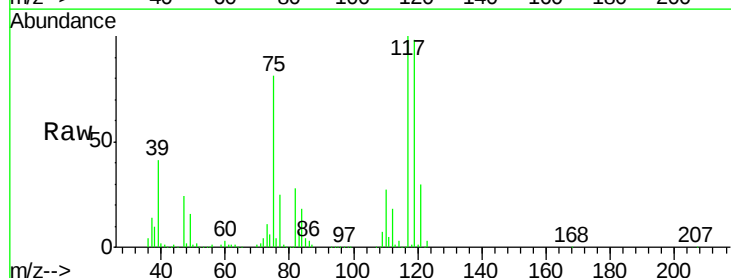
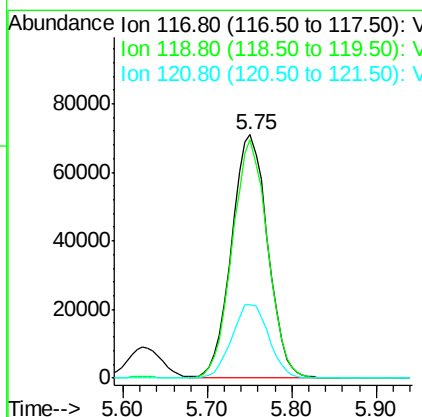
Manual Integrations
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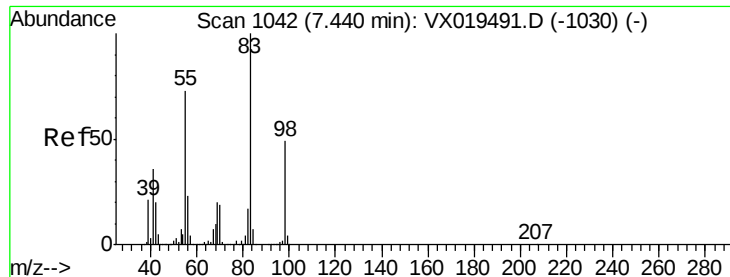
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#38
Carbon Tetrachloride
Concen: 49.416 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.9	113.9
121	30.0	24.0	36.0





#39

Methylvlcyclohexane

Concen: 47.240 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Instrument :

MSVOA_X

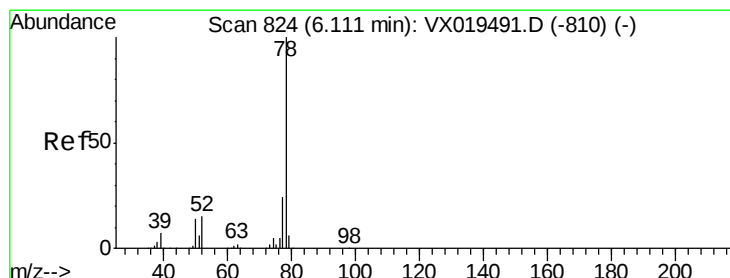
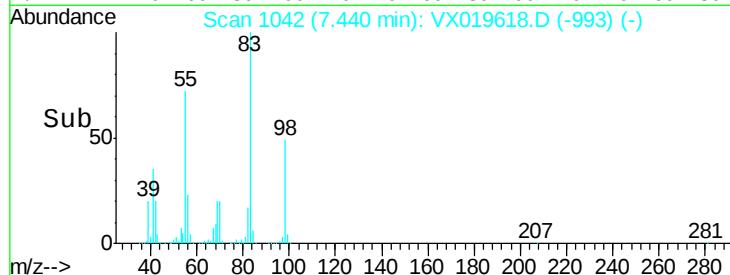
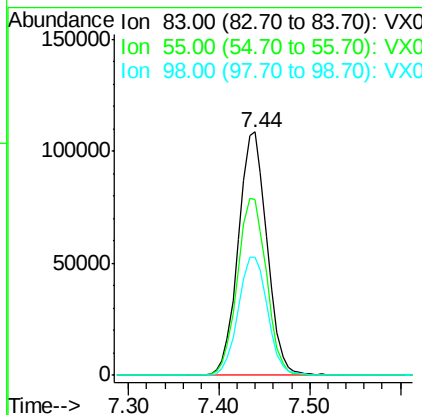
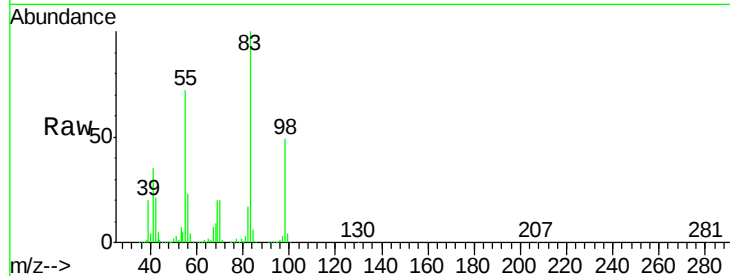
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	237517
Ion	Ratio	Lower	Upper
83	100		
55	72.0	58.3	87.5
98	48.6	38.9	58.3

Manual Integrations
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#40

Benzene

Concen: 49.207 ug/l

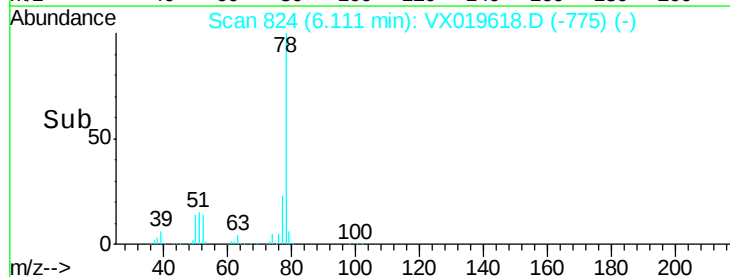
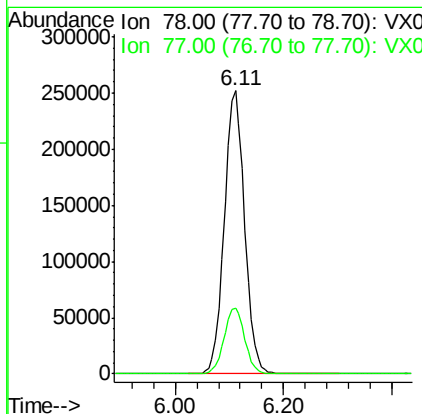
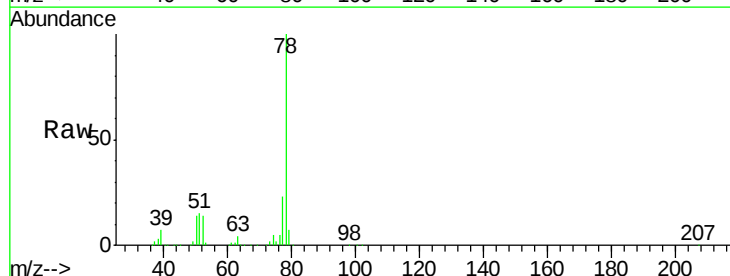
RT: 6.11 min Scan# 824

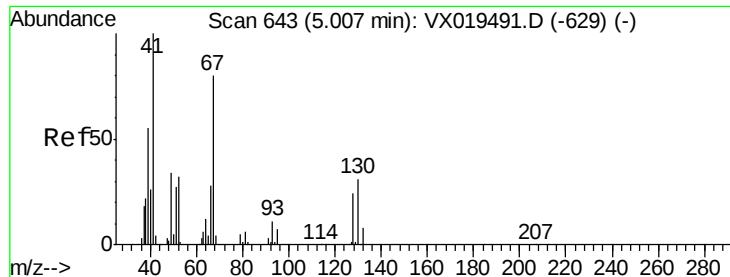
Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Tgt Ion:	78	Resp:	652862
Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.9	28.3





#41

Methacrylonitrile

Concen: 48.719 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Instrument :

MSVOA_X

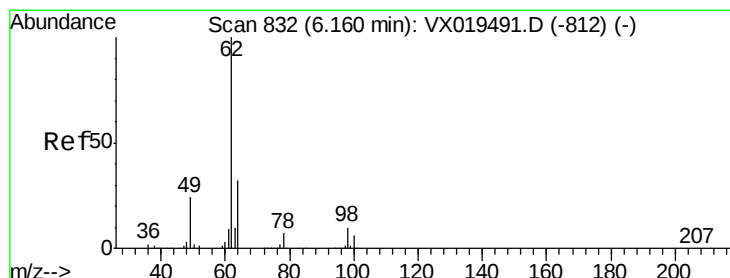
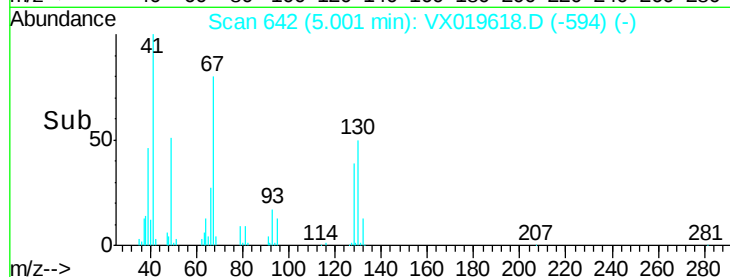
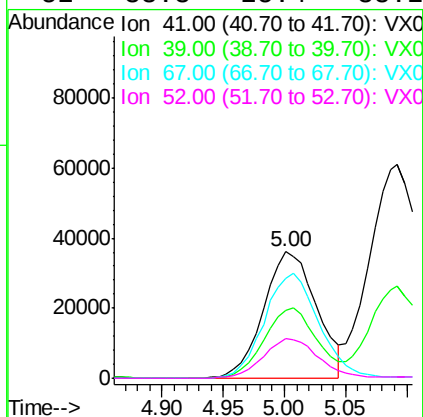
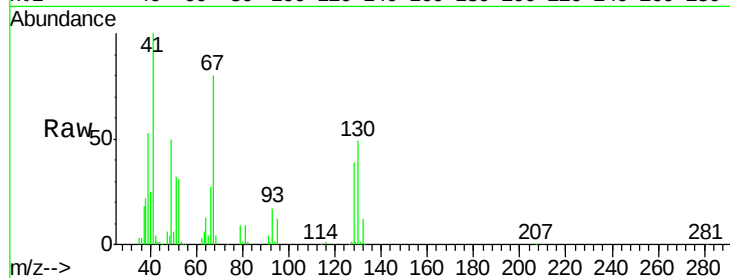
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.5	43.3	64.9	
67	86.1	66.0	99.0	
52	33.3	25.4	38.2	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.701 ug/l

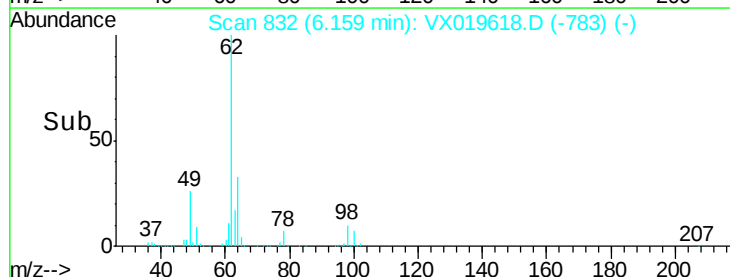
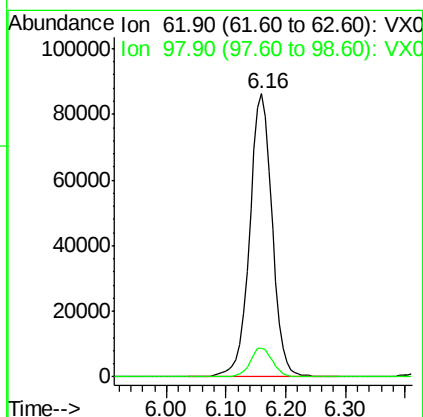
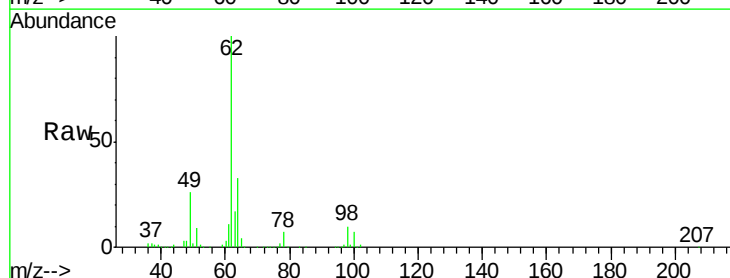
RT: 6.16 min Scan# 832

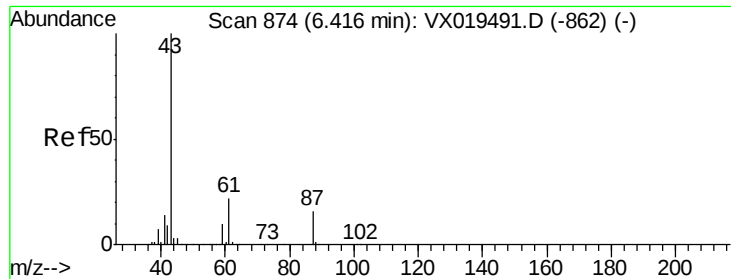
Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.0	





#43

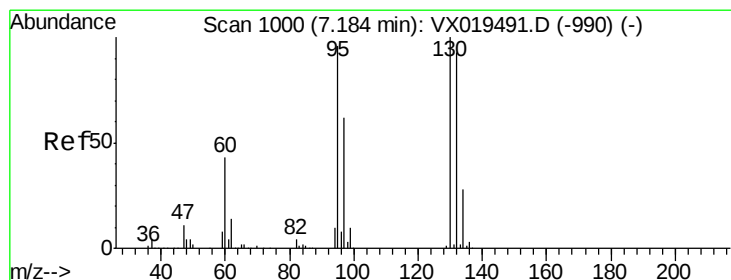
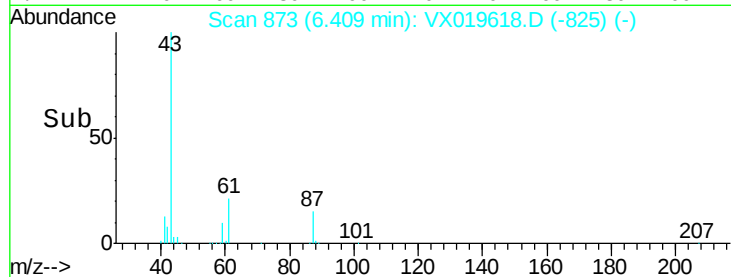
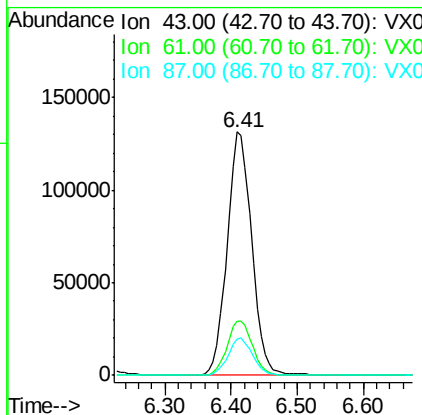
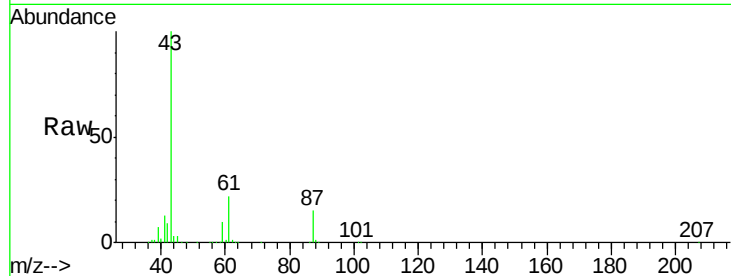
Isopropyl Acetate
 Concen: 49.483 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX019618.D
 Acq: 24 Nov 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.0	18.2	27.2
87	15.3	12.6	18.8

Manual Integrations
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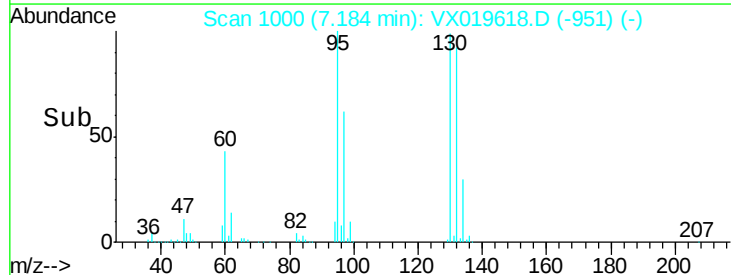
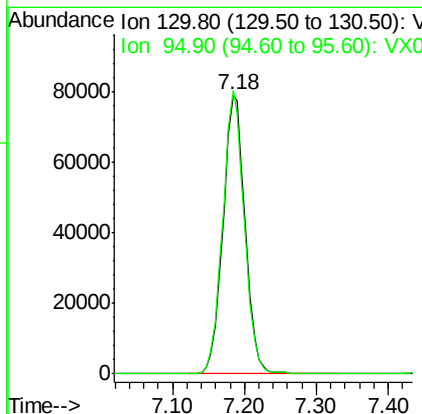
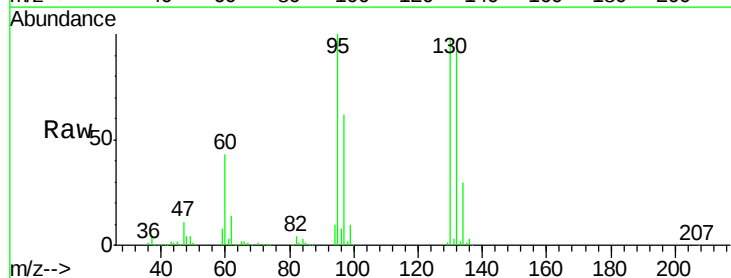
MMDadoda
 11/25/2020 10:31:25 AM

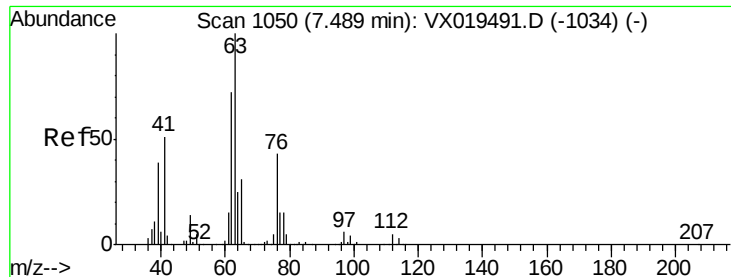


#44

Trichloroethene
 Concen: 48.688 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019618.D
 Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	191.2





#45

1,2-Dichloropropane

Concen: 50.652 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 165442

Ion Ratio Lower Upper

63 100

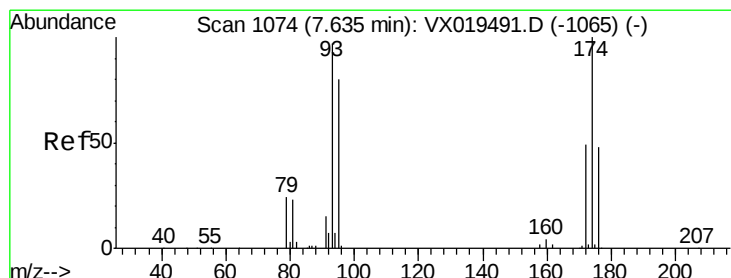
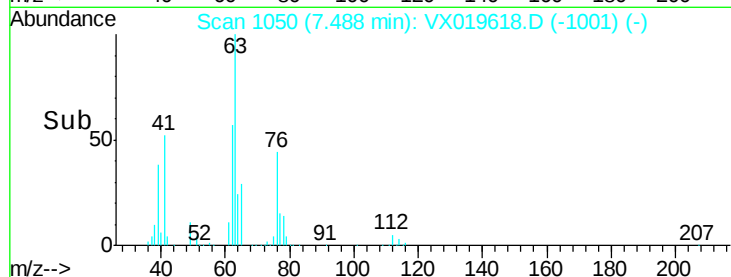
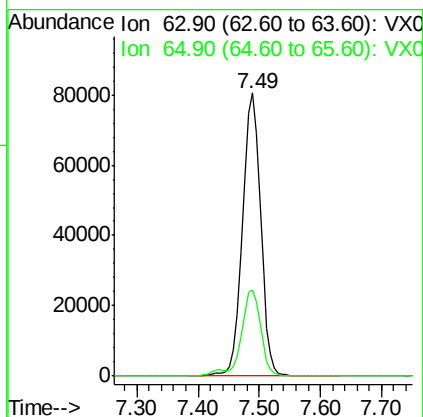
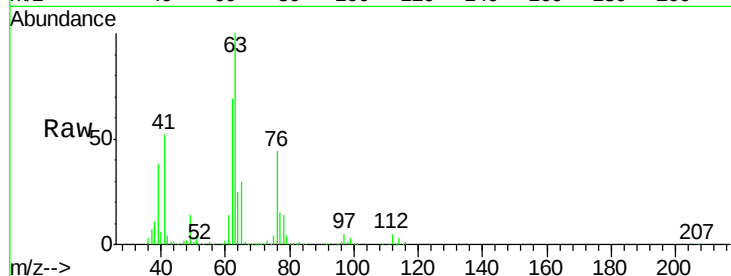
65 30.5 25.0 37.4

Manual Integrations

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#46

Dibromomethane

Concen: 49.547 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

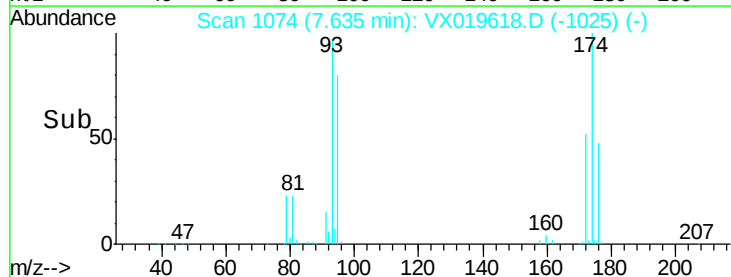
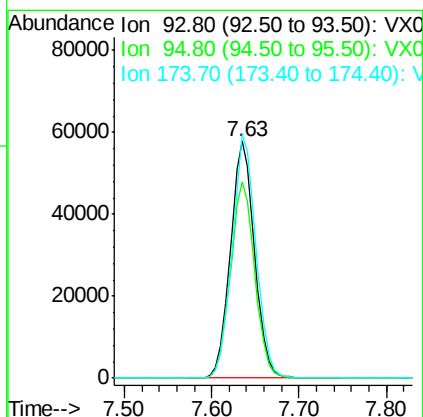
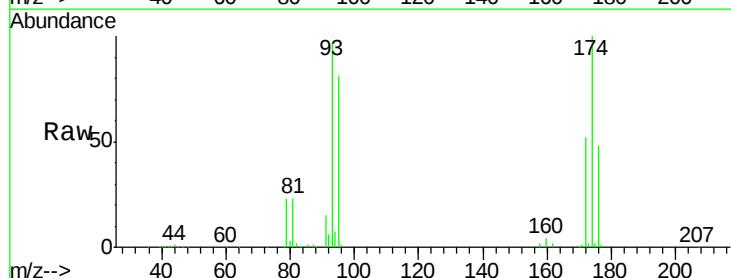
Tgt Ion: 93 Resp: 110762

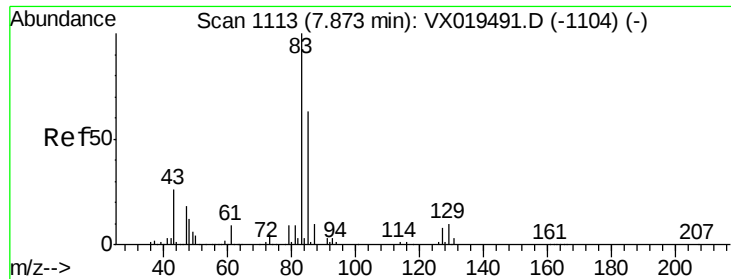
Ion Ratio Lower Upper

93 100

95 83.5 66.8 100.2

174 101.7 83.0 124.4





#47

Bromodichloromethane

Concen: 50.917 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Instrument :

MSVOA_X

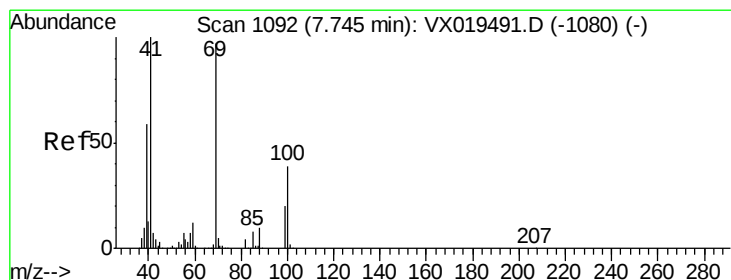
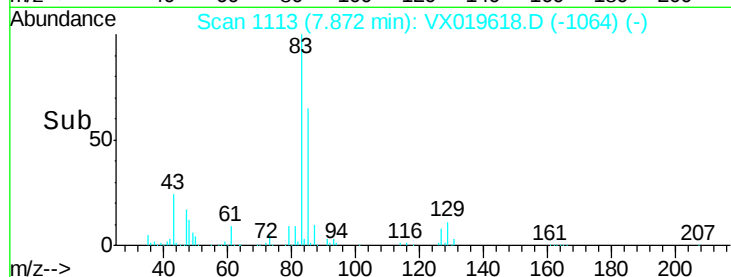
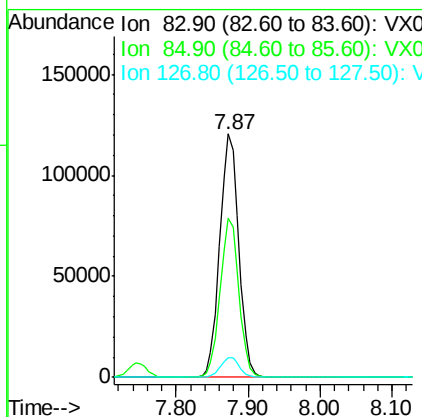
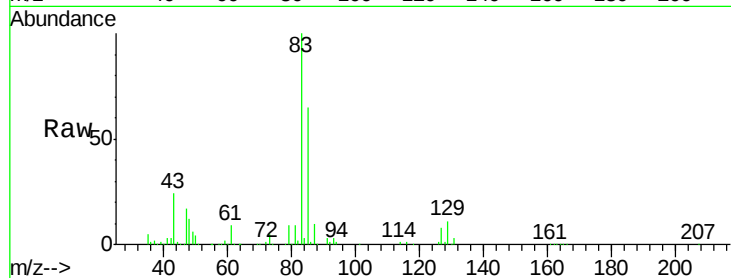
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	220871
Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.2	75.2
127	8.2	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.501 ug/l

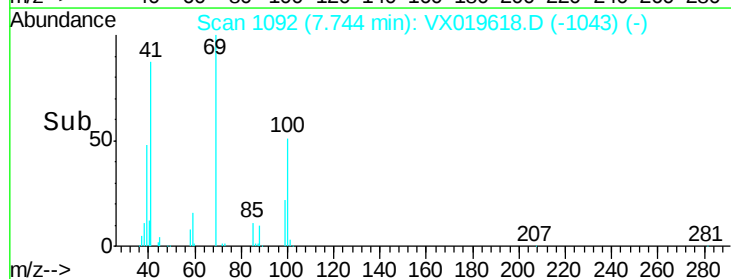
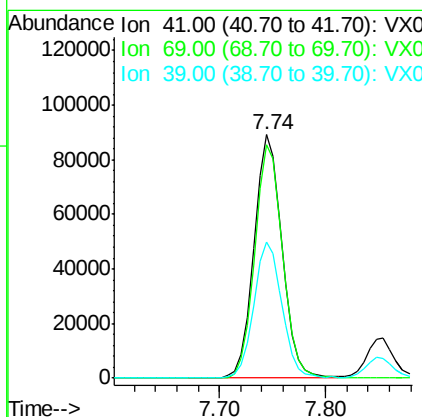
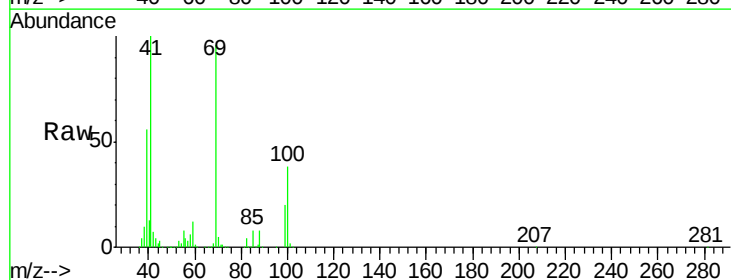
RT: 7.74 min Scan# 1092

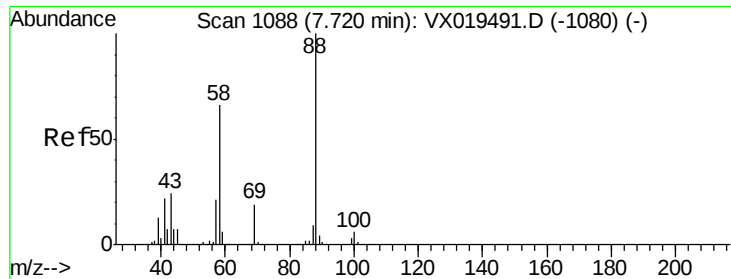
Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Tgt Ion:	41	Resp:	164364
Ion	Ratio	Lower	Upper
41	100		
69	95.9	77.0	115.6
39	56.1	45.6	68.4





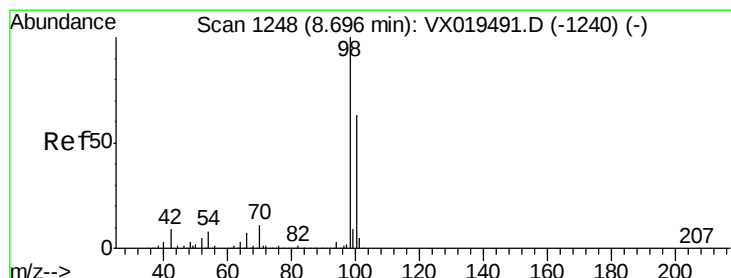
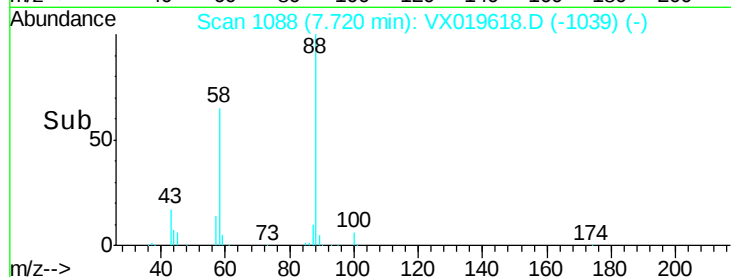
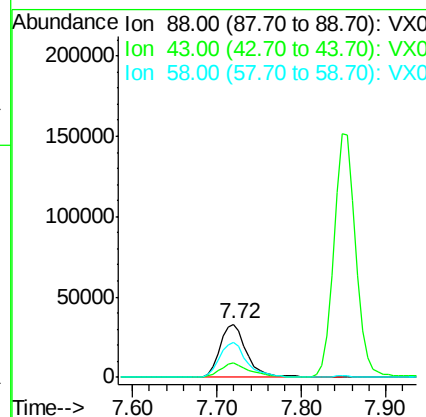
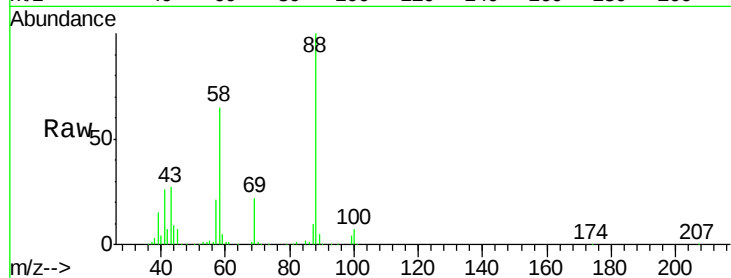
#49
1,4-Dioxane
Concen: 999.356 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.6	23.8	35.6
58	67.7	54.2	81.2

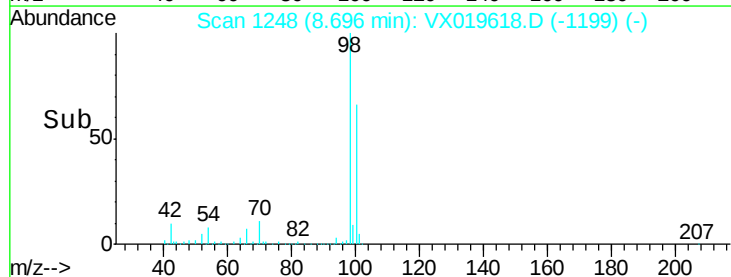
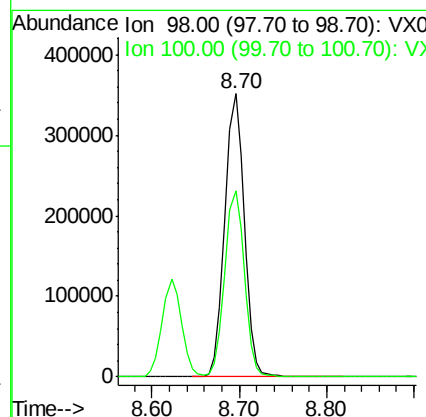
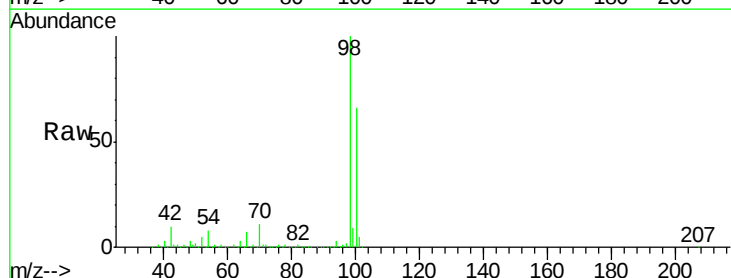
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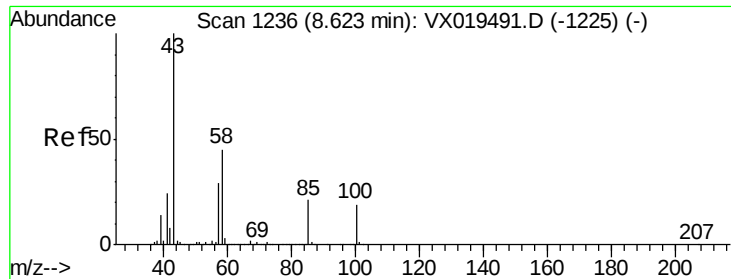
MMDadoda
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#50
Toluene-d8
Concen: 48.371 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.4	78.6





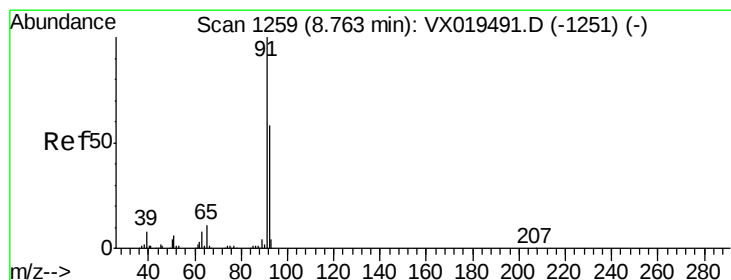
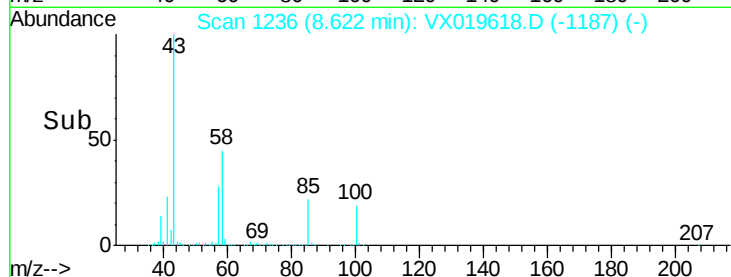
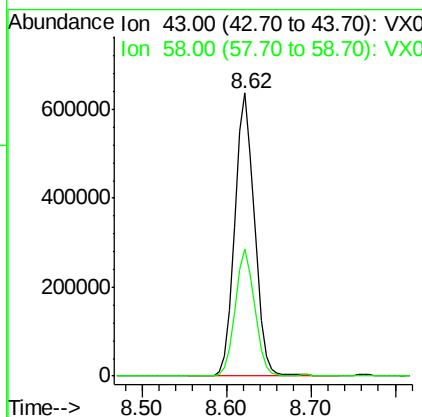
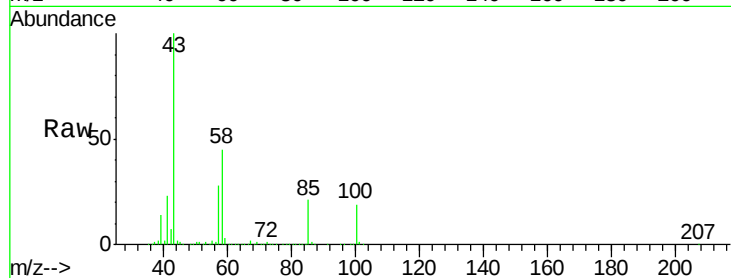
#51
4-Methyl-2-Pentanone
Concen: 252.102 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1001796
Ion Ratio Lower Upper
43 100
58 44.4 35.1 52.7

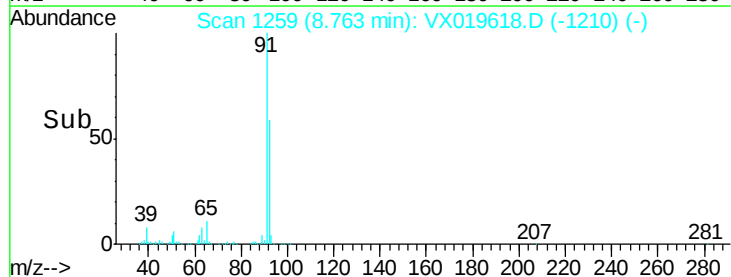
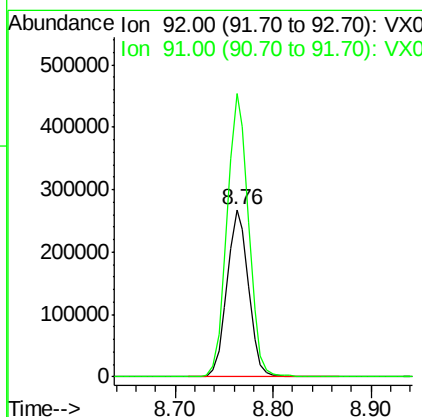
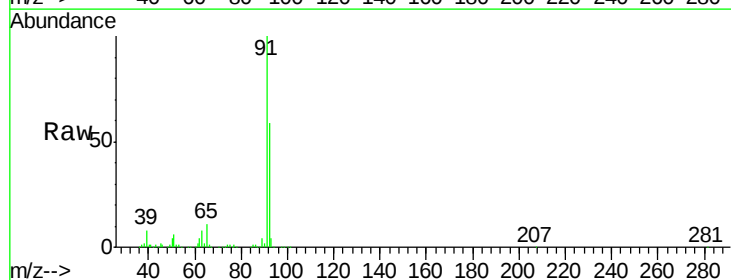
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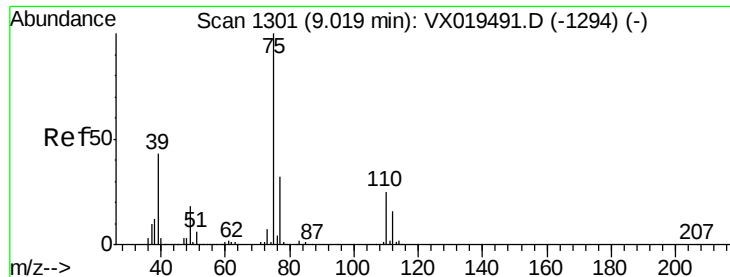
MMDadoda
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#52
Toluene
Concen: 50.392 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion: 92 Resp: 409001
Ion Ratio Lower Upper
92 100
91 169.7 138.1 207.1





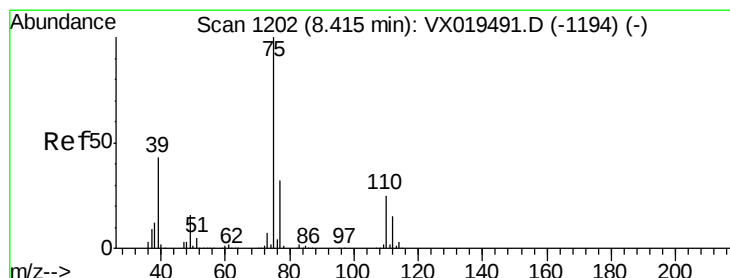
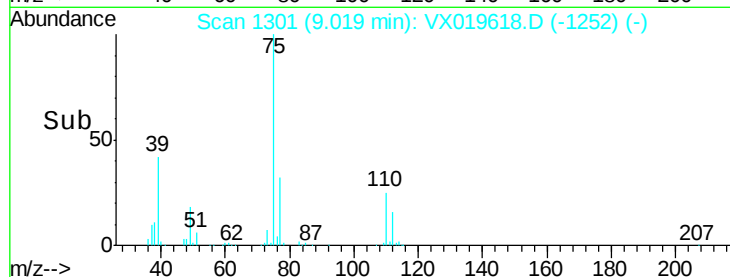
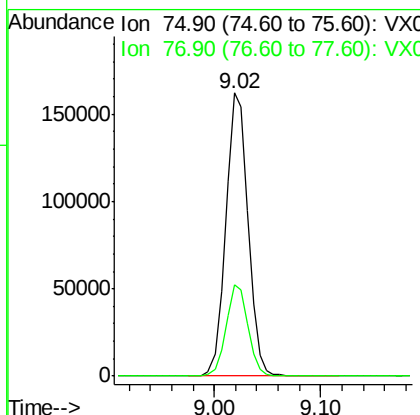
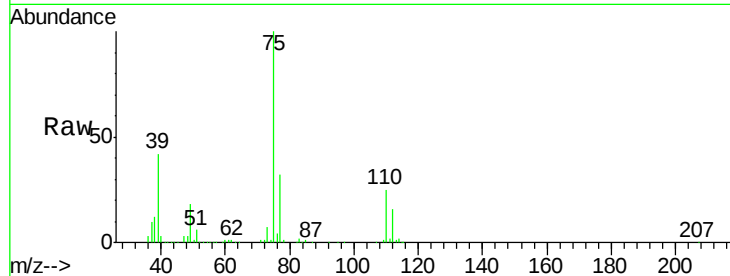
#53
t-1,3-Dichloropropene
Concen: 50.547 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 236804
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9

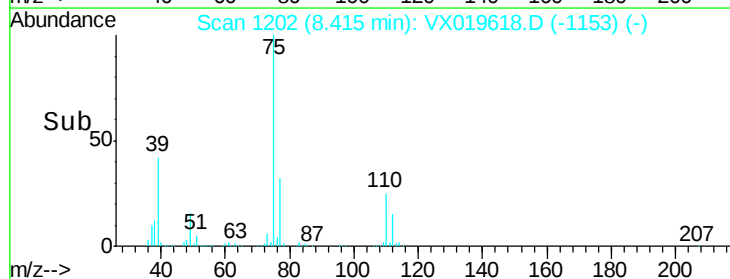
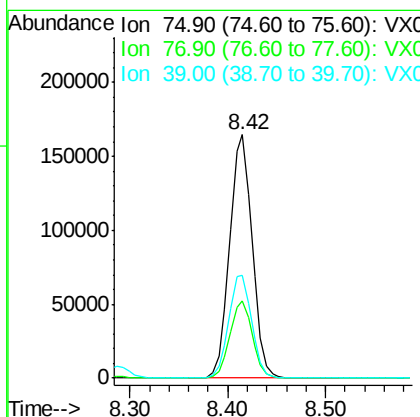
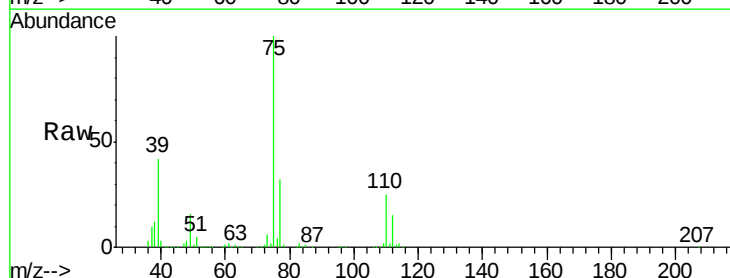
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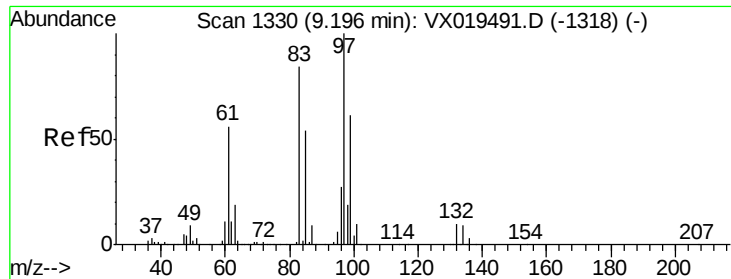
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.632 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion: 75 Resp: 263236
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6
39 42.2 34.6 51.8





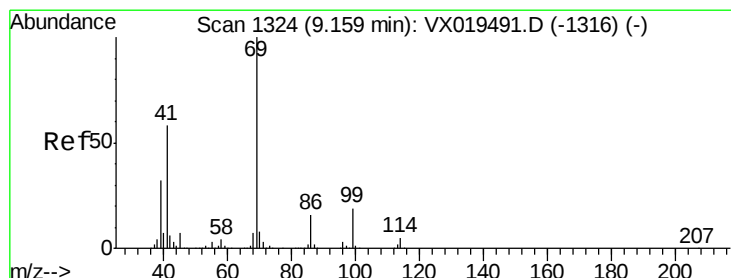
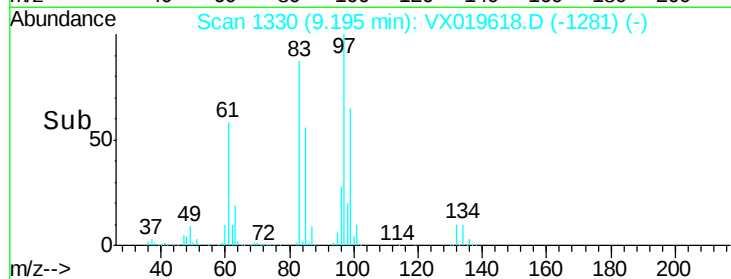
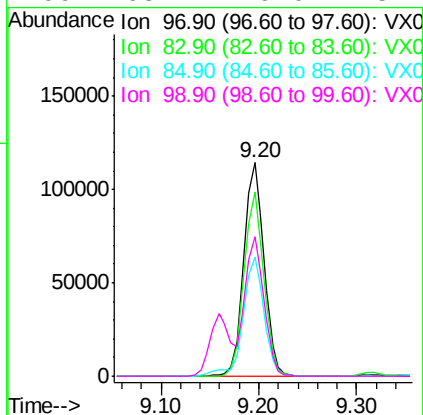
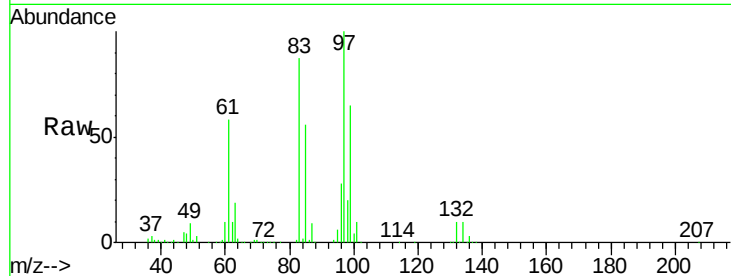
#55
 1,1,2-Trichloroethane
 Concen: 49.760 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019618.D
 Acq: 24 Nov 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	164483
Ion Ratio	Lower	Upper	
97	100		
83	86.6	67.0	100.6
85	55.6	43.4	65.0
99	65.1	49.0	73.4

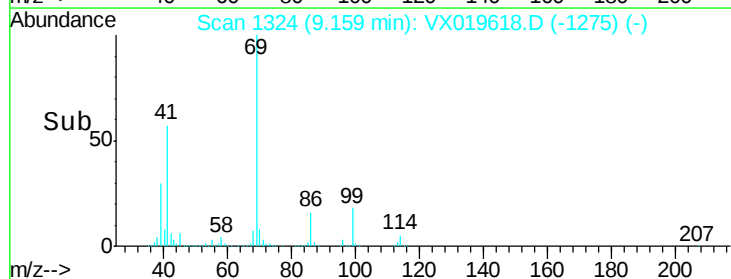
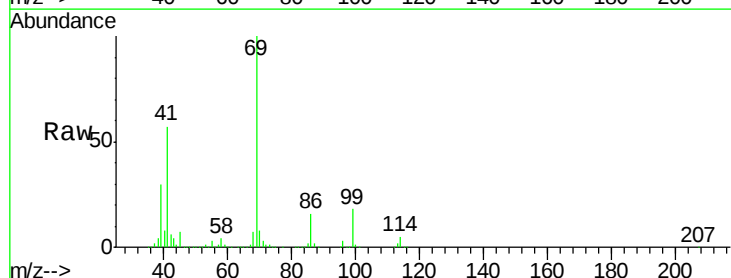
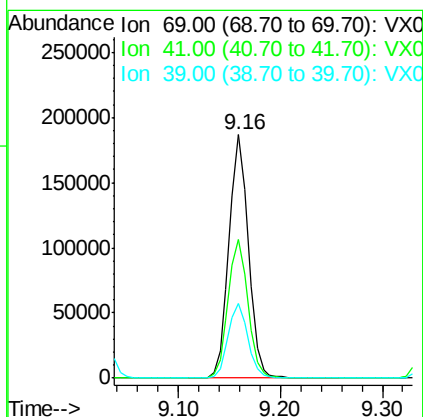
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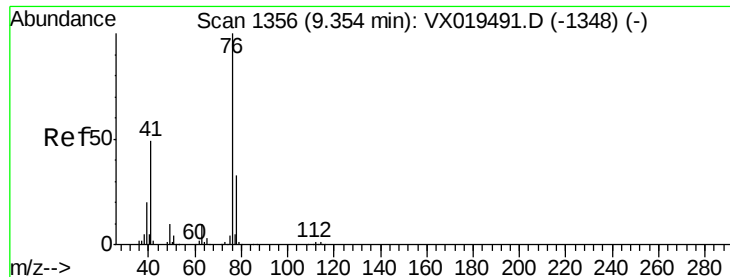
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#56
 Ethyl methacrylate
 Concen: 52.811 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019618.D
 Acq: 24 Nov 2020 20:11

Tgt Ion:	69	Resp:	247017
Ion Ratio	Lower	Upper	
69	100		
41	58.1	46.2	69.2
39	31.3	25.5	38.3





#57

1,3-Dichloropropane

Concen: 50.112 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 277330

Ion Ratio Lower Upper

76 100

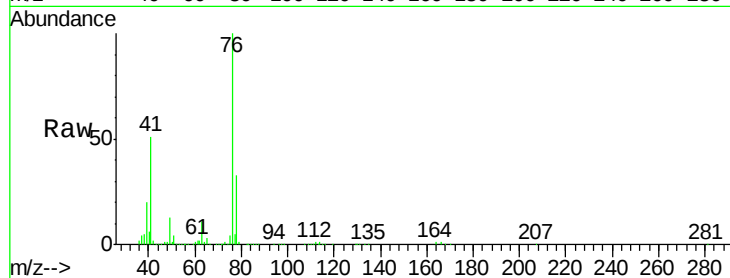
78 32.8 25.7 38.5

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

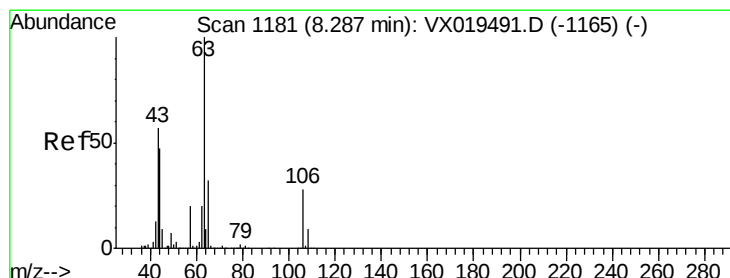
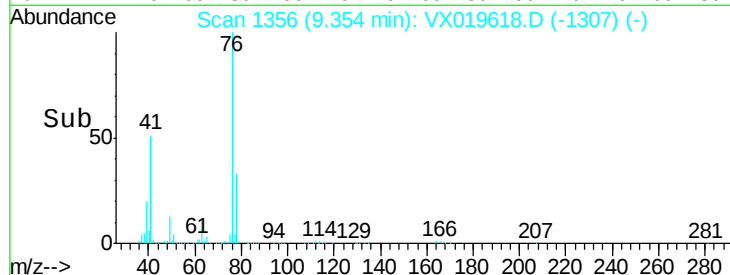
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 238.625 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019618.D

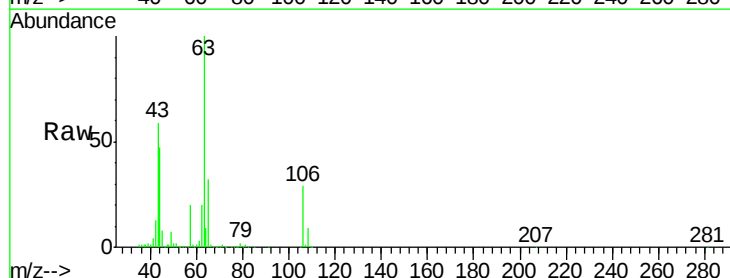
Acq: 24 Nov 2020 20:11

Tgt Ion: 63 Resp: 654003

Ion Ratio Lower Upper

63 100

106 29.9 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

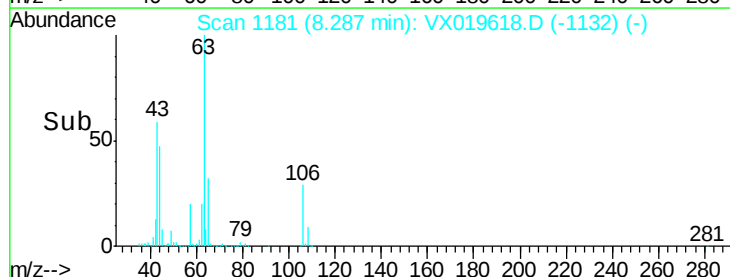
300000

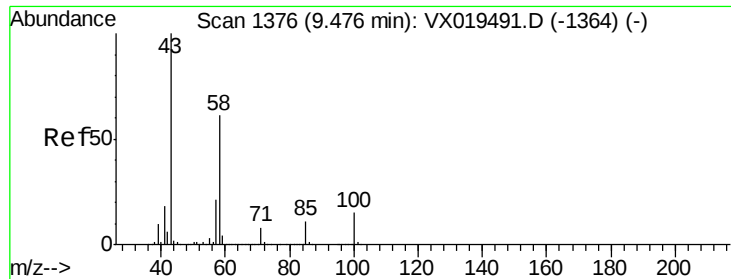
200000

100000

0

Time-->





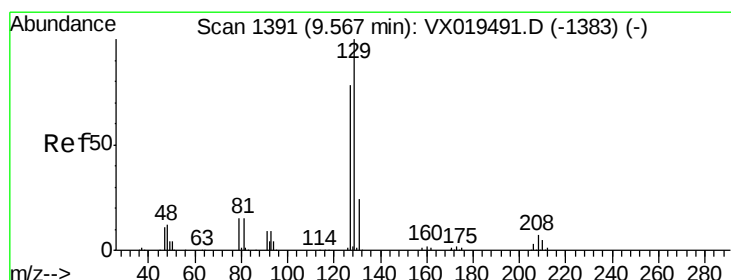
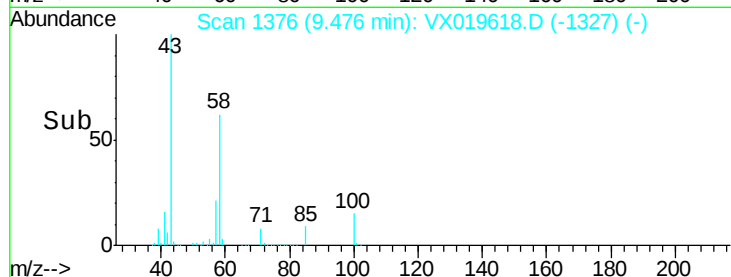
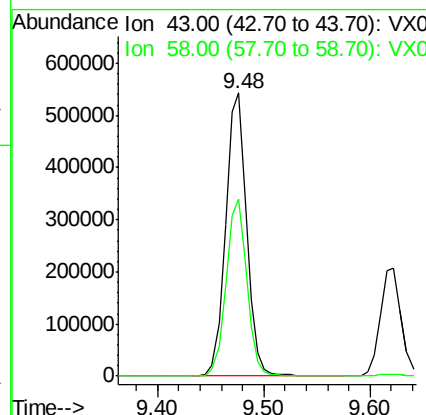
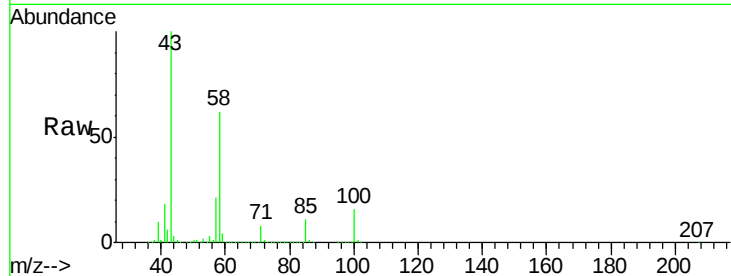
#59
2-Hexanone
Concen: 247.633 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.8	30.6	91.6

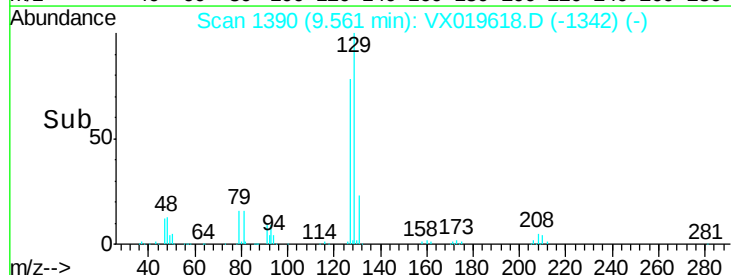
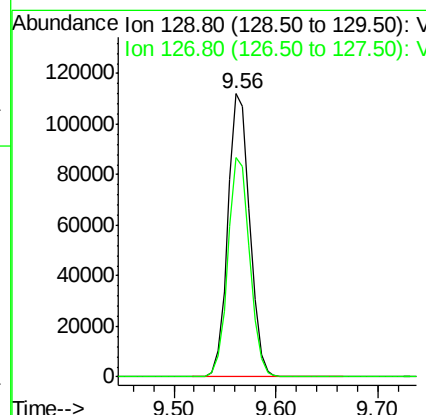
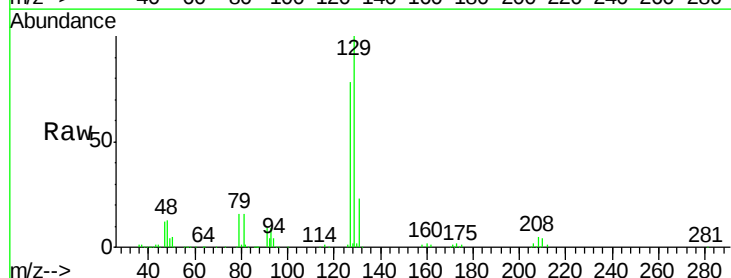
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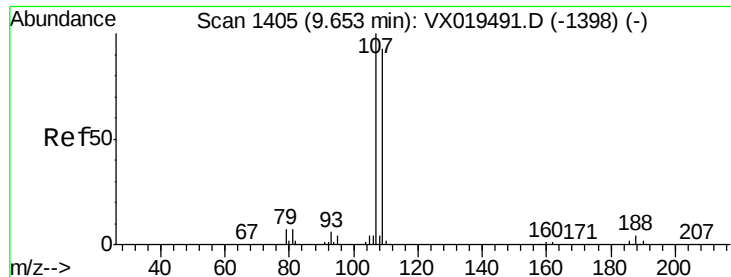
MMDadoda
11/25/2020 10:31:25 AM



#60
Dibromochloromethane
Concen: 51.249 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	39.0	116.9





#61

1,2-Dibromoethane

Concen: 50.185 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 170993

Ion Ratio Lower Upper

107 100

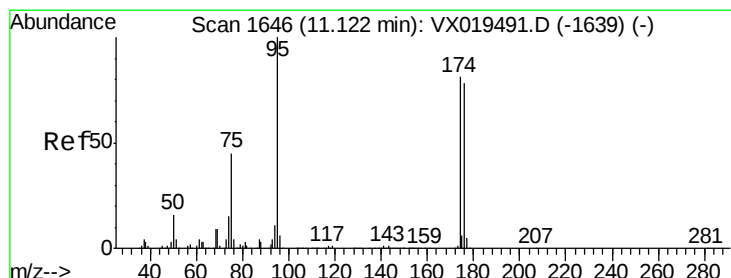
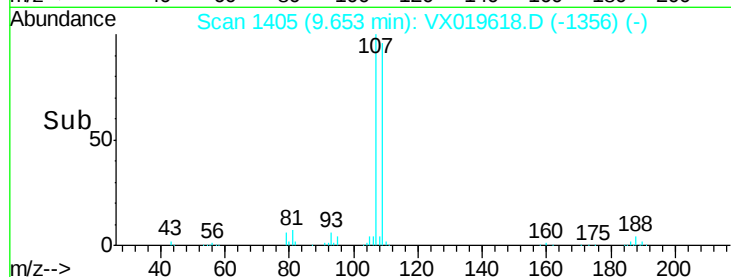
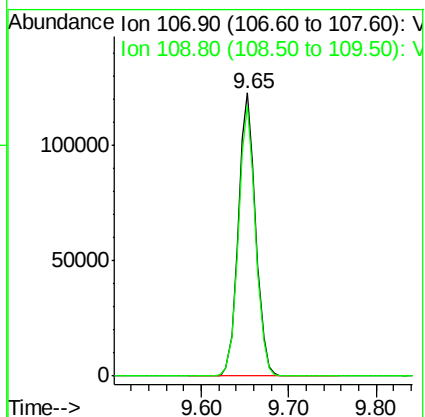
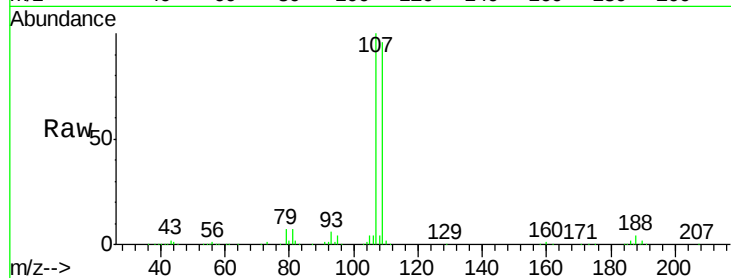
109 94.5 74.8 112.2

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#62

4-Bromofluorobenzene

Concen: 49.525 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

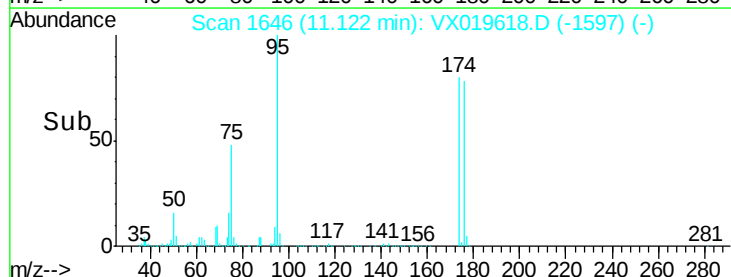
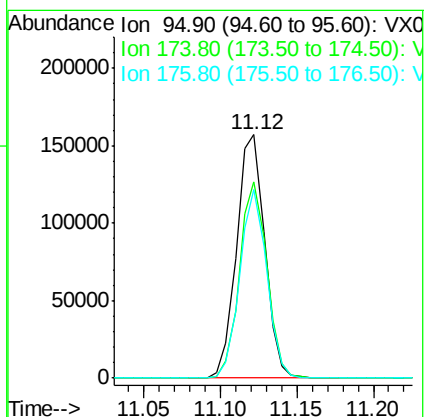
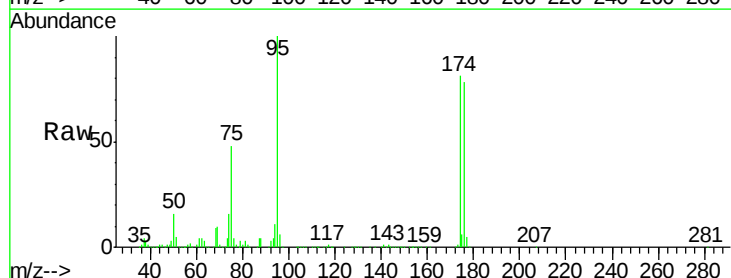
Tgt Ion: 95 Resp: 200189

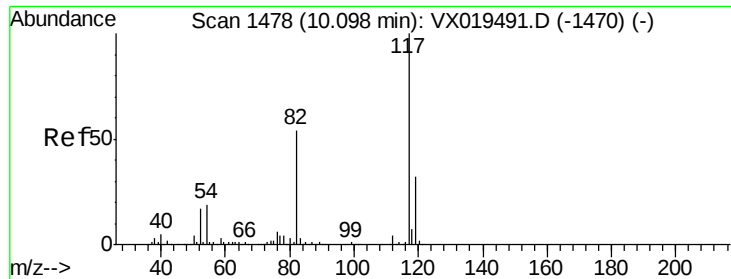
Ion Ratio Lower Upper

95 100

174 78.5 0.0 156.2

176 74.4 0.0 151.4





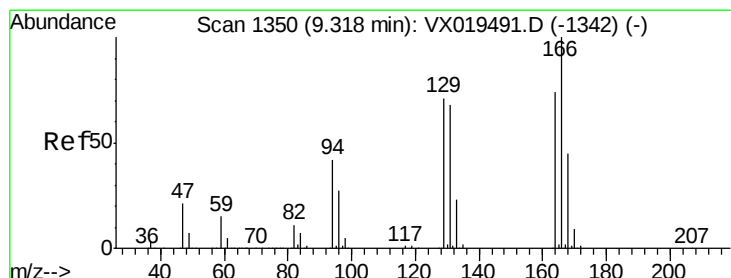
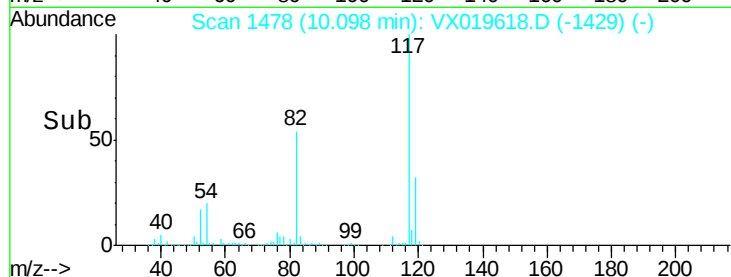
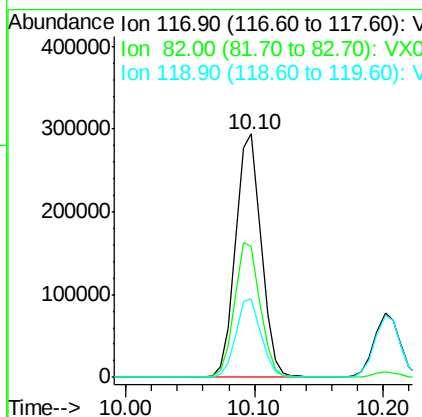
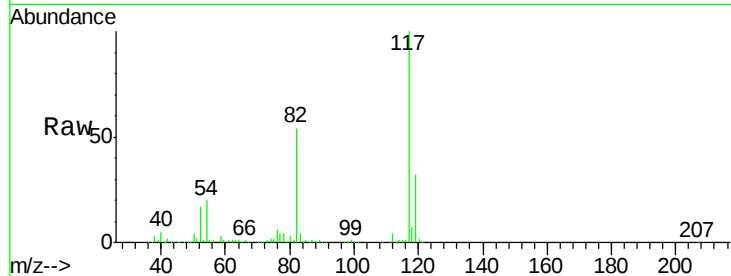
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	408228		
82	53.7		43.0	64.4
119	32.0		25.6	38.4

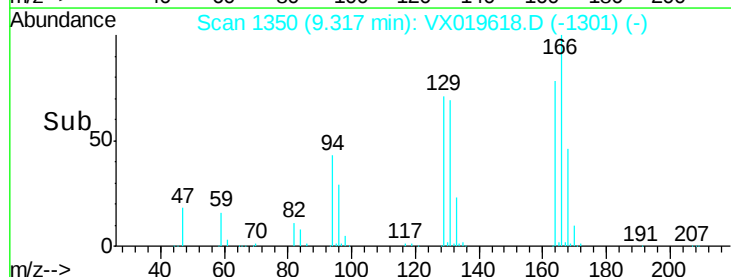
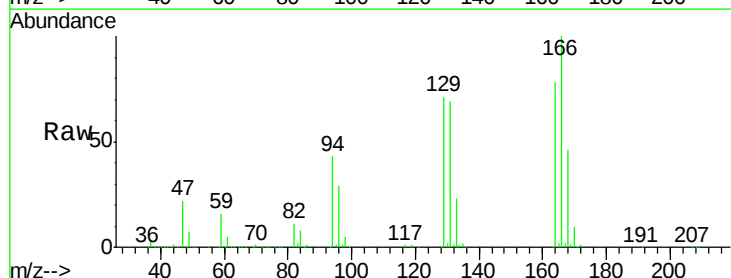
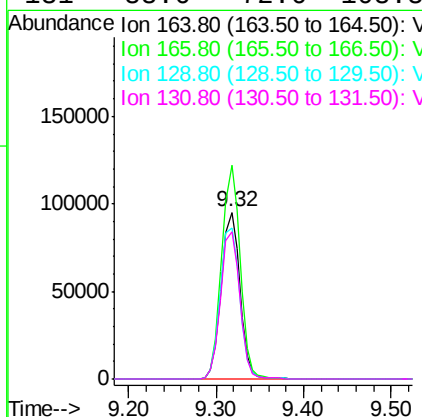
Manual Integrations
APPROVED

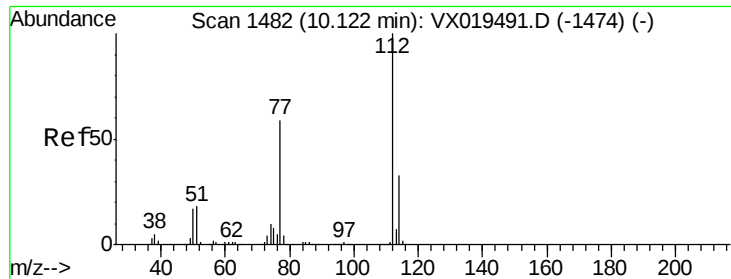
MMDadoda
11/25/2020 10:31:25 AM



#64
Tetrachloroethene
Concen: 43.731 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	140328		
166	128.2		107.4	161.0
129	91.0		76.6	114.8
131	88.6		72.6	108.8





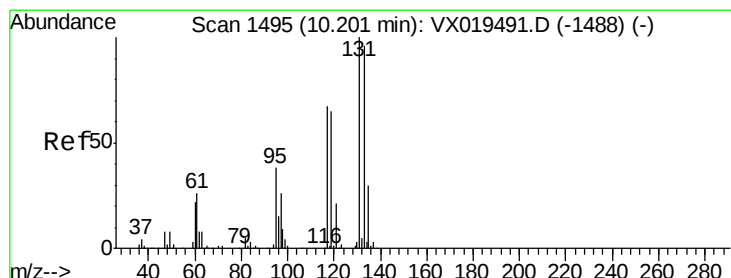
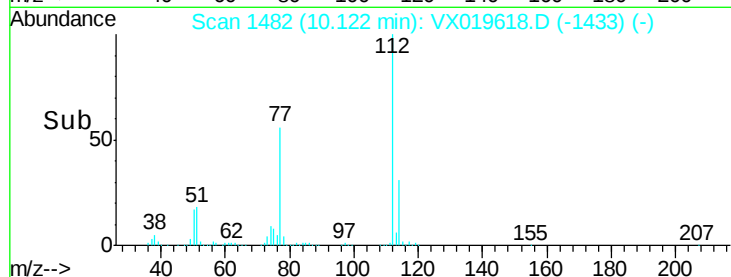
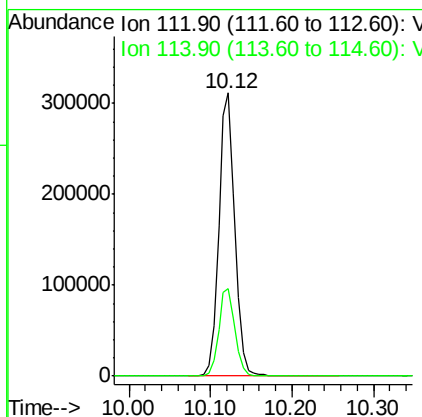
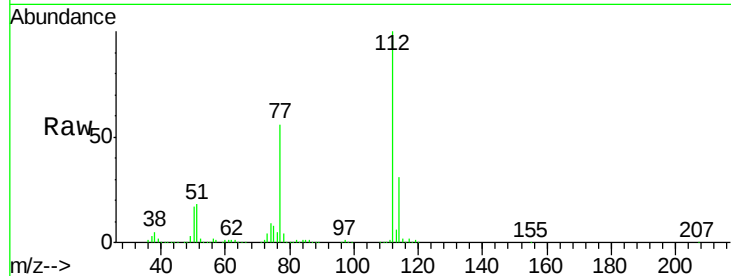
#65
Chlorobenzene
Concen: 50.611 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
112	100	424791		
114	31.0	26.0	39.0	

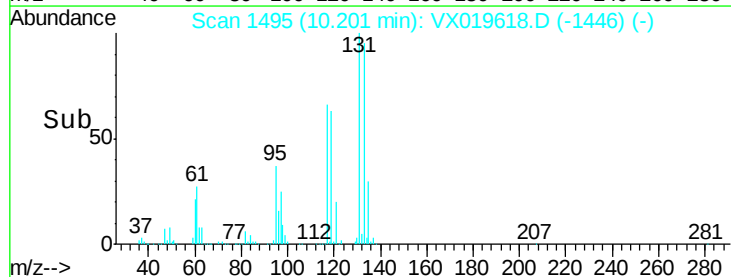
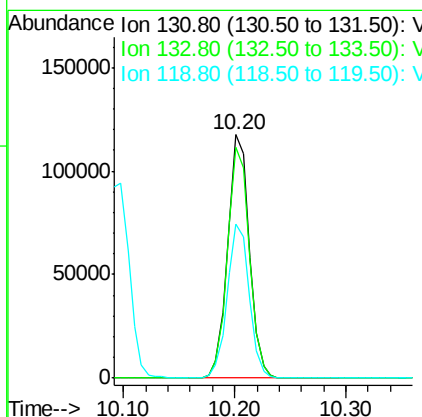
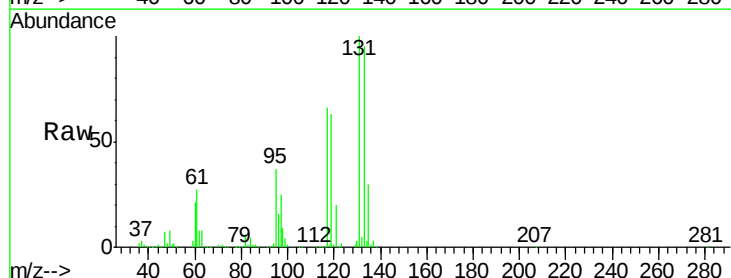
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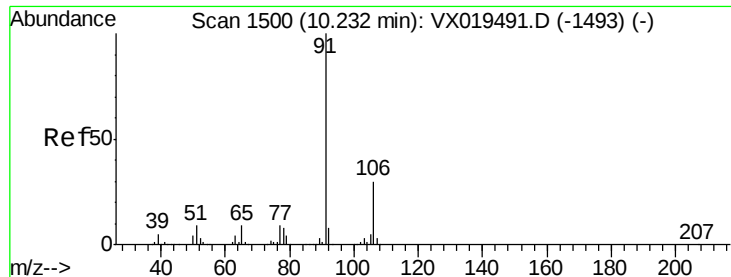
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.703 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	157847		
133	96.1	48.5	145.5	
119	64.4	33.0	99.0	





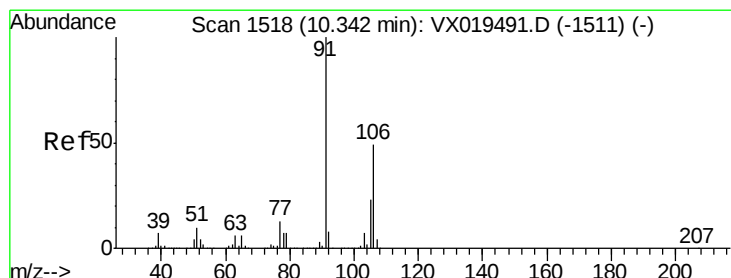
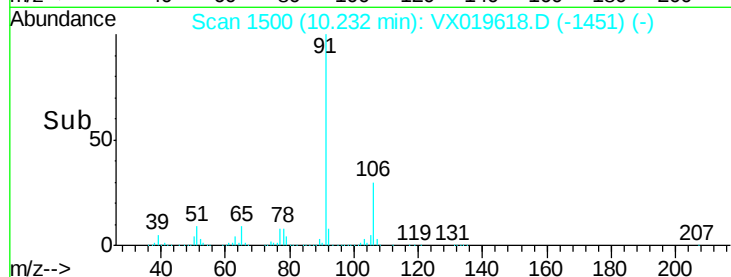
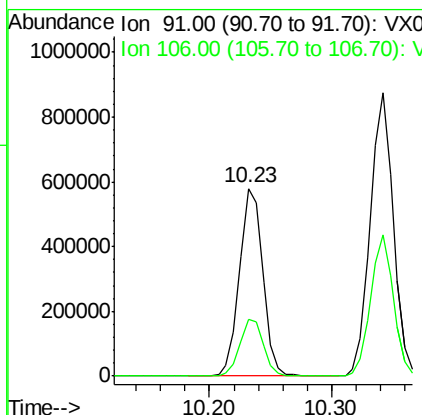
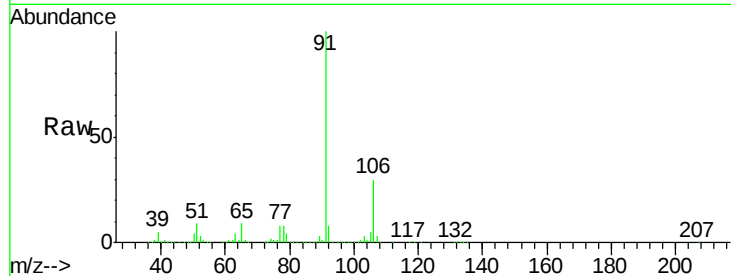
#67
Ethyl Benzene
Concen: 51.884 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.0	36.0

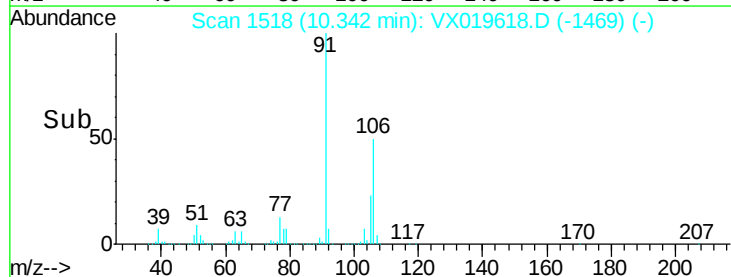
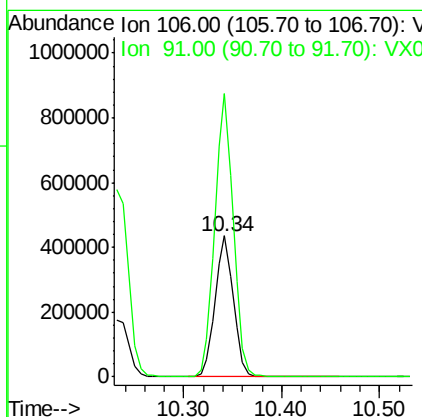
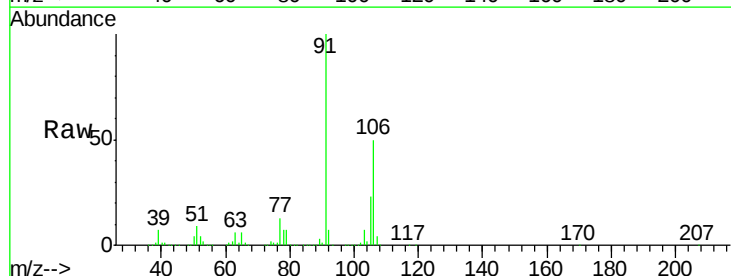
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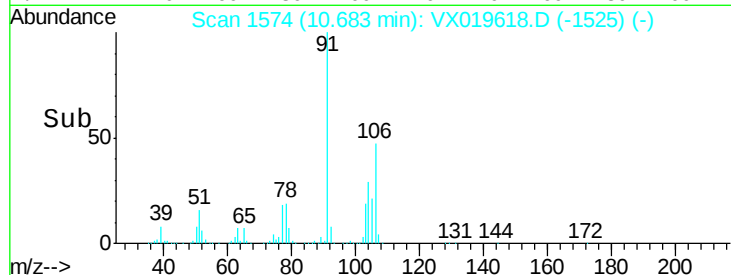
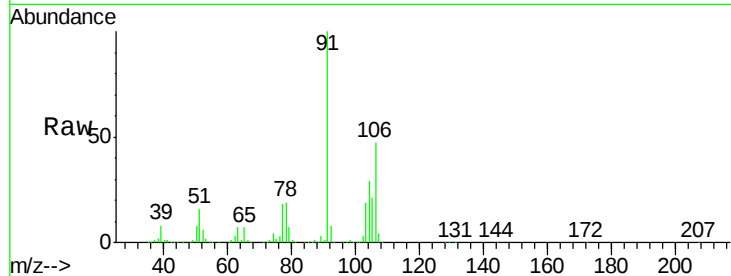
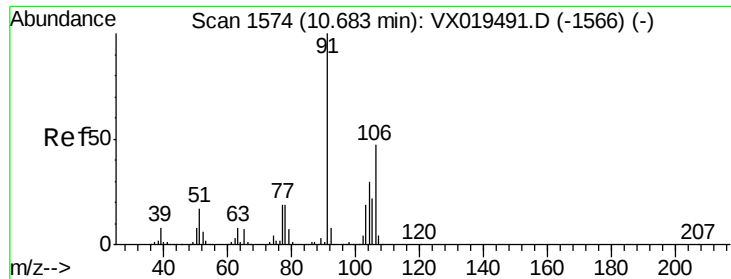
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#68
m/p-Xylenes
Concen: 103.398 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Lower	Upper
106	100		
91	202.6	163.3	244.9





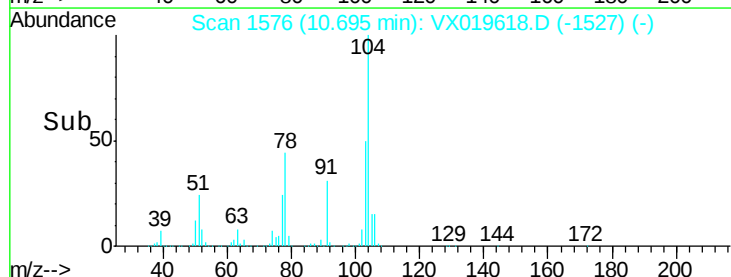
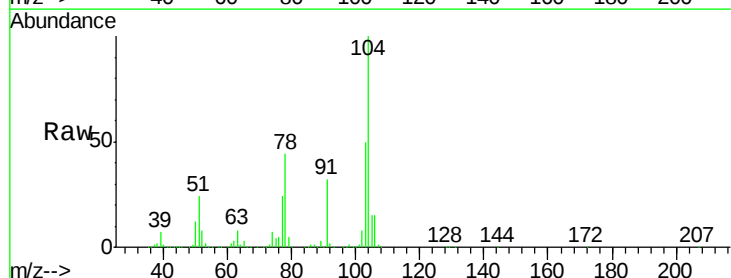
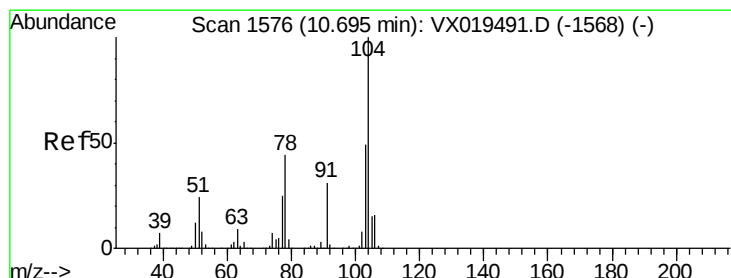
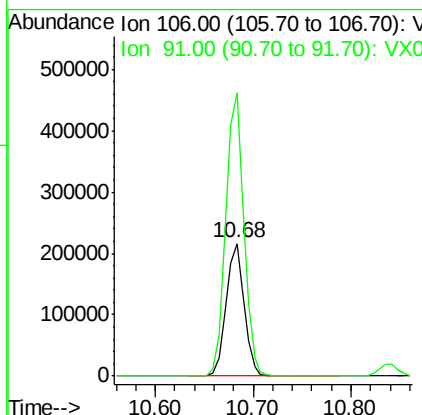
#69
o-Xylene
Concen: 52.605 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 275472
Ion Ratio Lower Upper
106 100
91 216.1 108.0 324.0

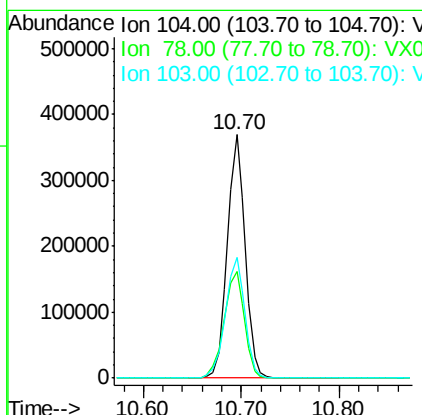
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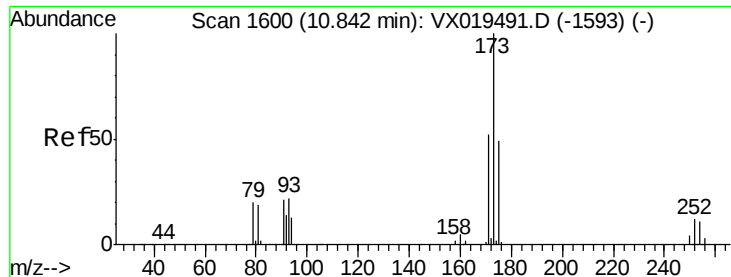
MMDadoda
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#70
Styrene
Concen: 48.282 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion:104 Resp: 467443
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 54.3 43.6 65.4





#71

Bromoform

Concen: 44.630 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Instrument :

MSVOA_X

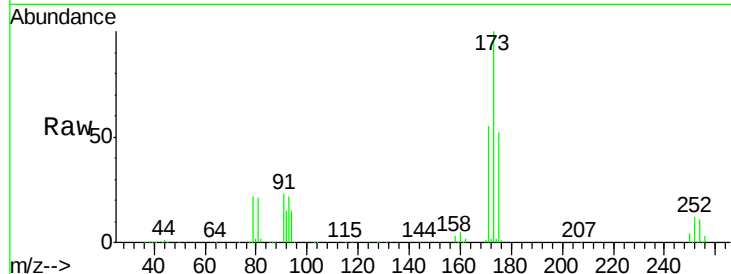
ClientSampleId :

VSTDCCC050EC

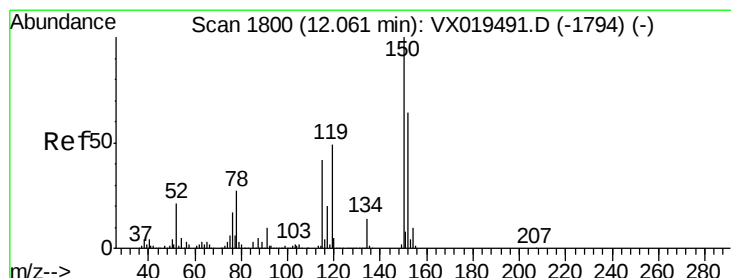
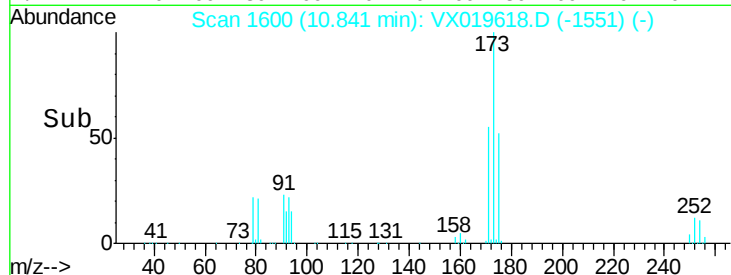
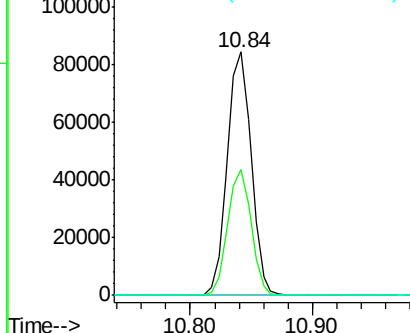
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.8	24.9	74.8
254	0.1	0.1	0.1

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

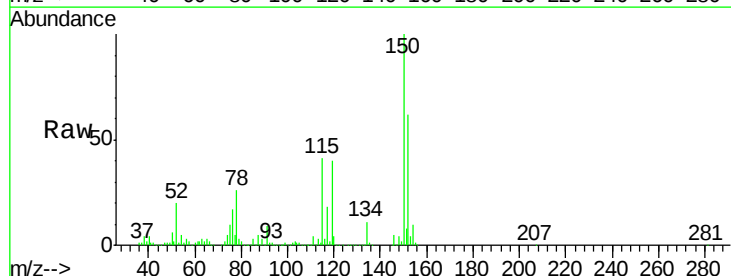
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

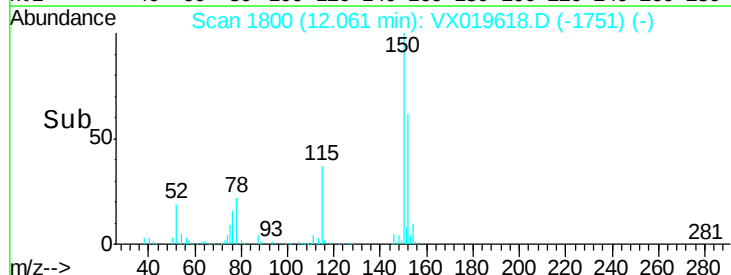
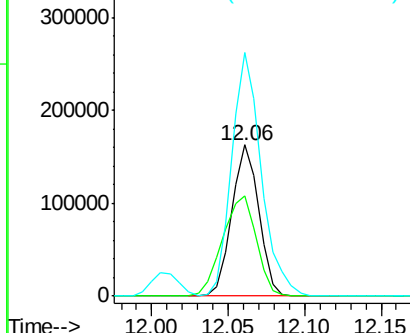
Lab File: VX019618.D

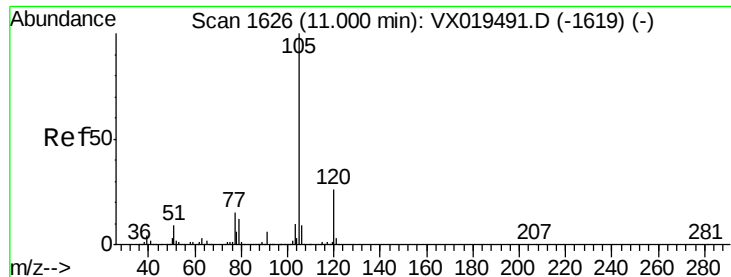
Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.7	41.8	125.4
150	176.7	0.0	348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.844 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 725594

Ion Ratio Lower Upper

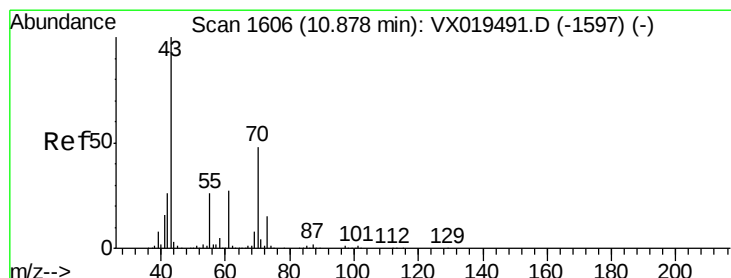
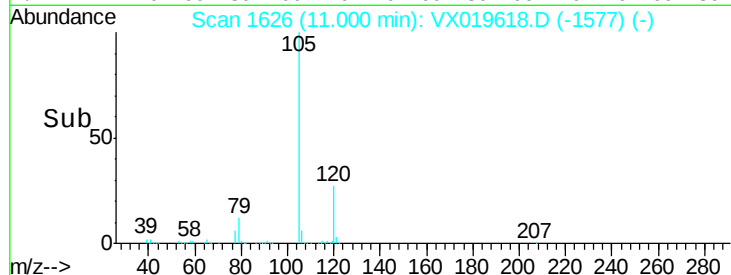
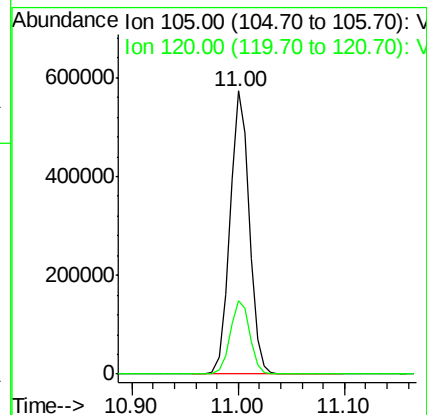
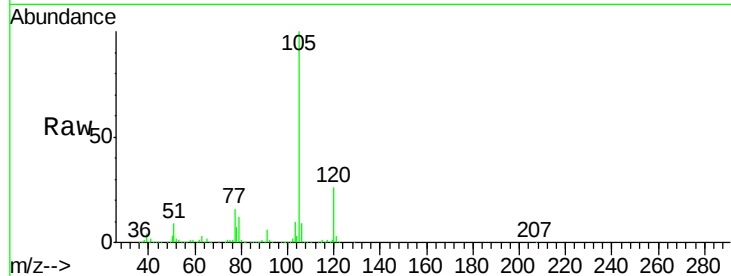
105 100

120 26.3 13.0 39.0

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#74

N-ethyl acetate

Concen: 55.780 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Tgt Ion: 43 Resp: 286999

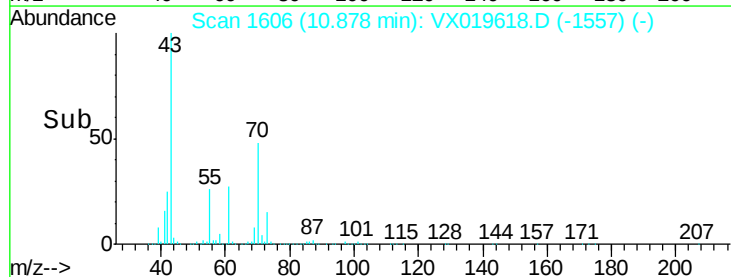
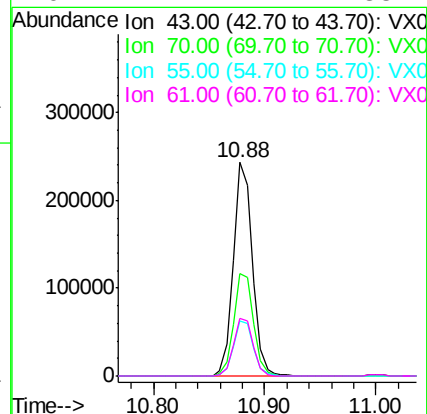
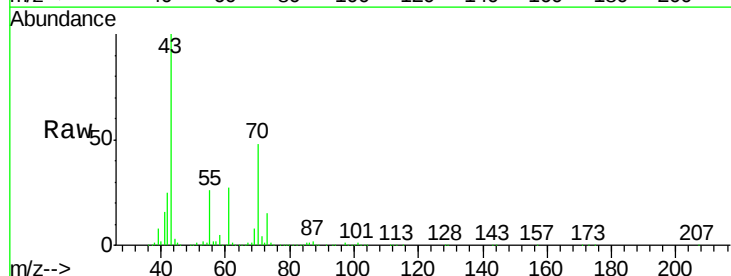
Ion Ratio Lower Upper

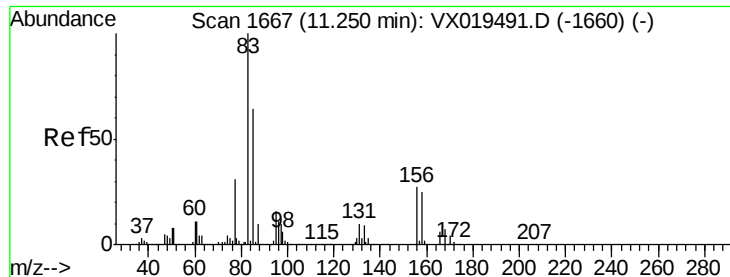
43 100

70 49.8 39.7 59.5

55 27.2 21.8 32.6

61 27.7 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.602 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Instrument :

MSVOA_X

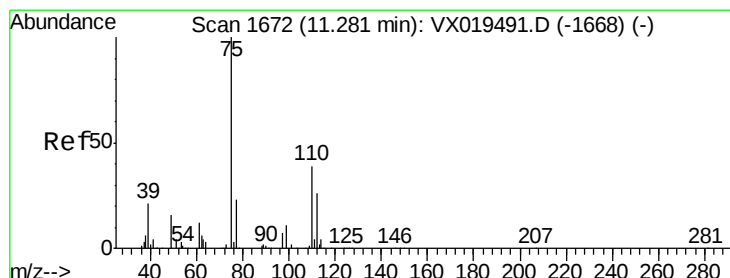
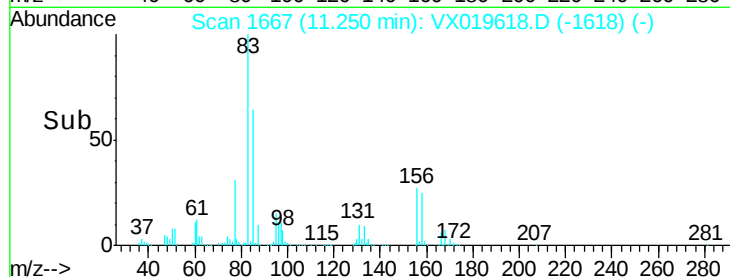
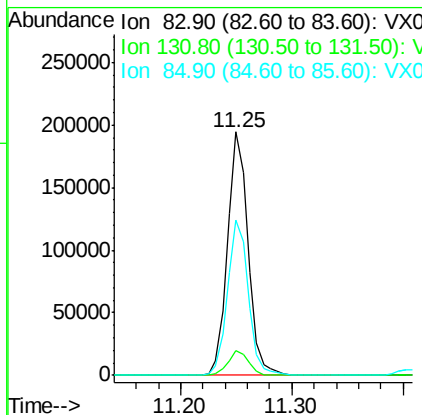
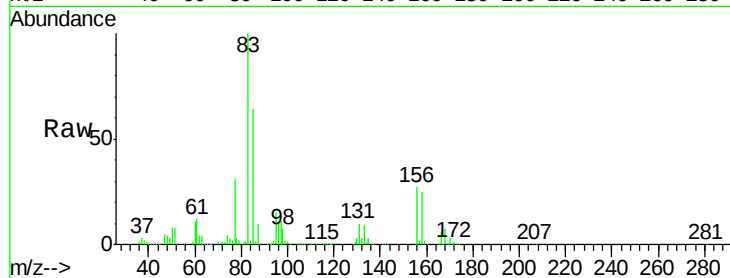
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	248474
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	64.4	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 51.760 ug/l m

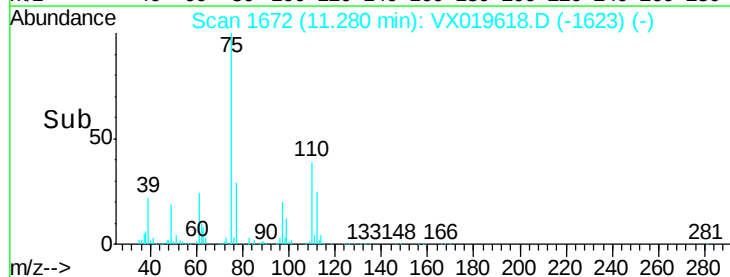
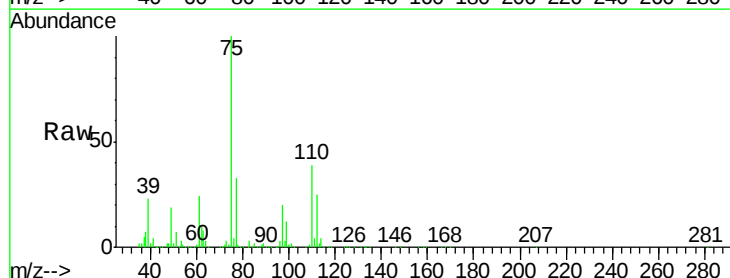
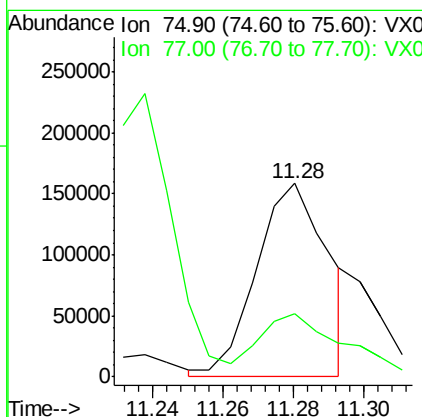
RT: 11.28 min Scan# 1672

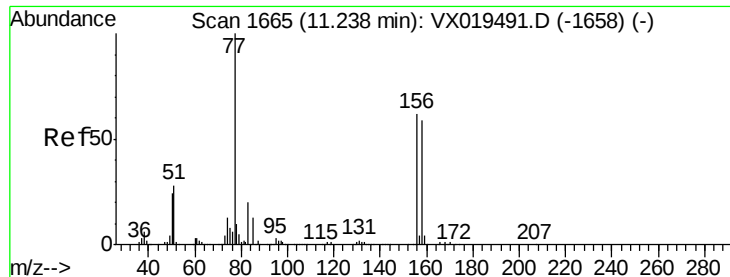
Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Tgt Ion:	75	Resp:	224209
Ion Ratio	Lower	Upper	
75	100		
77	39.0	20.0	60.0





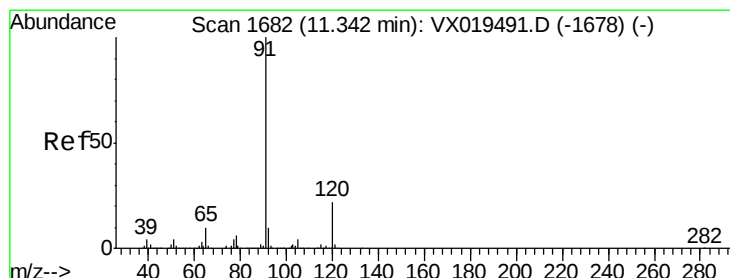
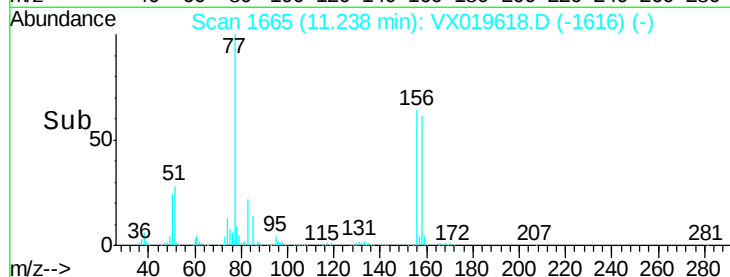
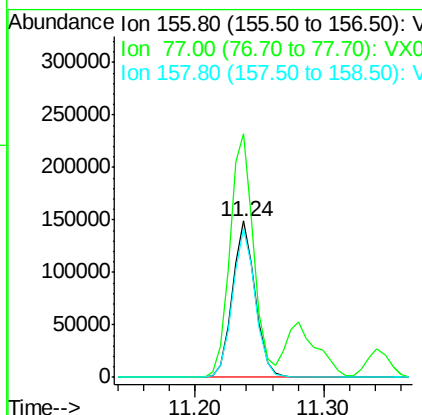
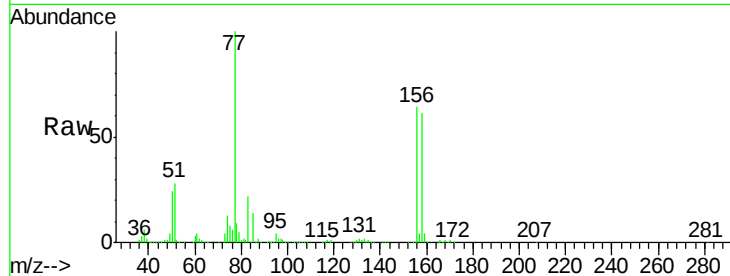
#77
Bromobenzene
Concen: 52.032 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	163.9	82.5	247.3
158	95.7	48.9	146.7

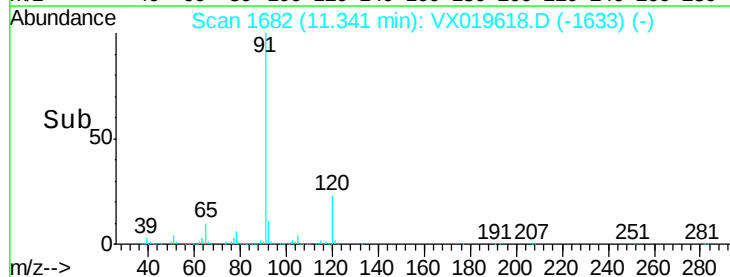
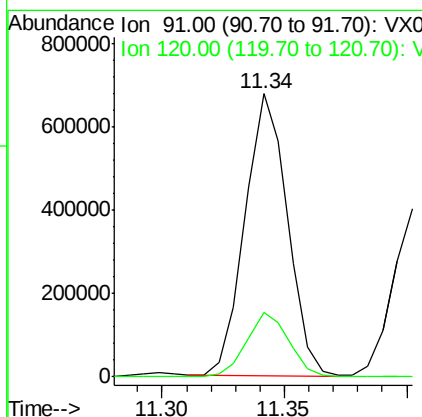
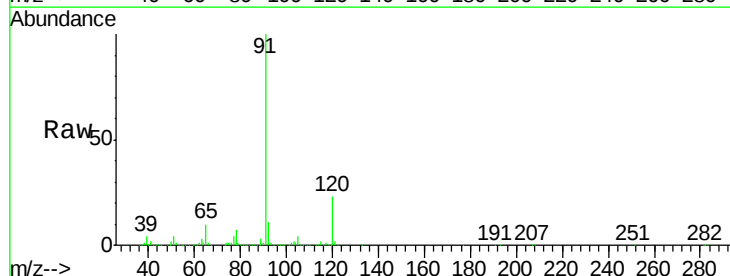
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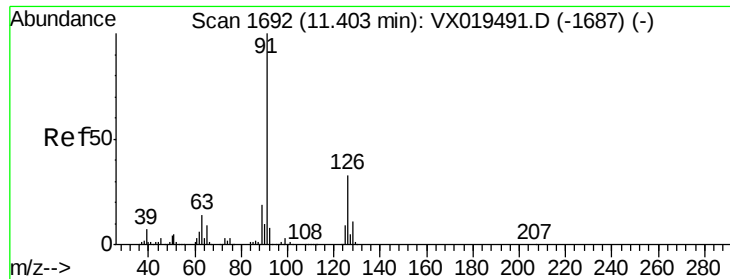
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#78
n-propylbenzene
Concen: 51.888 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.5	34.4





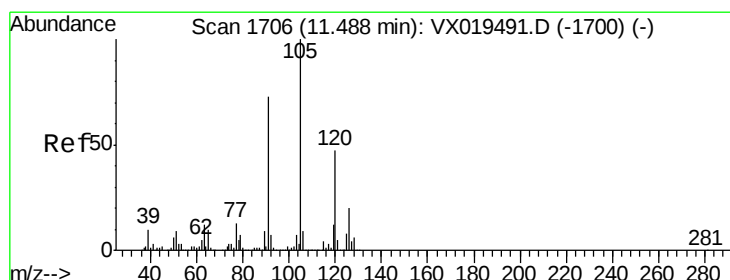
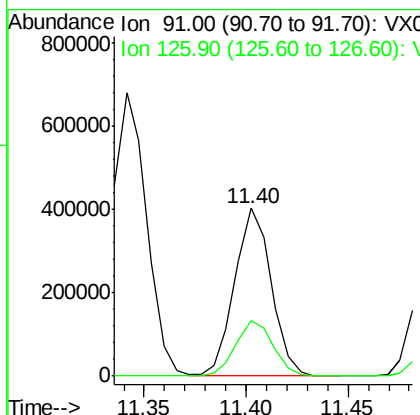
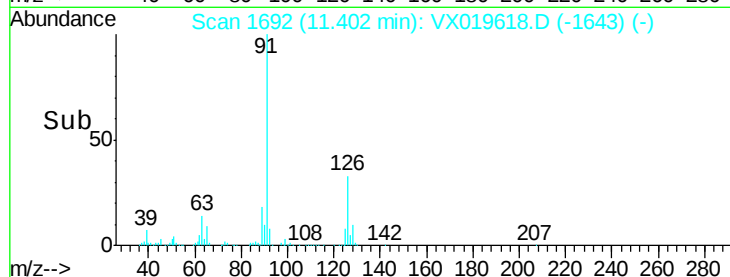
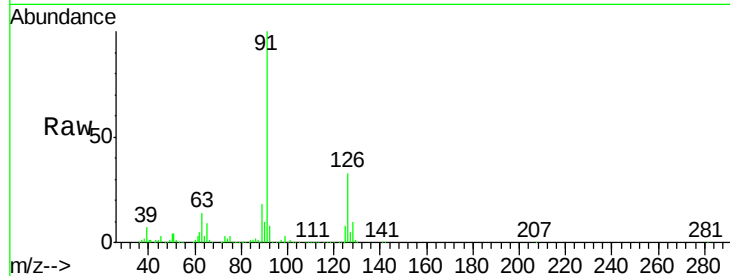
#79
 2-Chlorotoluene
 Concen: 52.072 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019618.D
 Acq: 24 Nov 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 497443
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.7 50.0

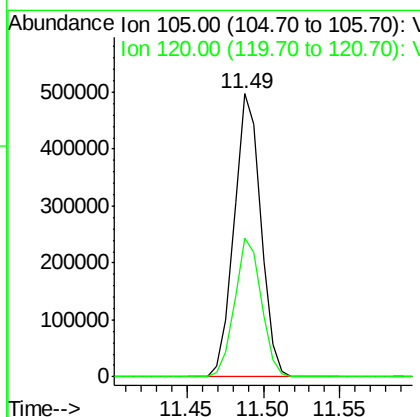
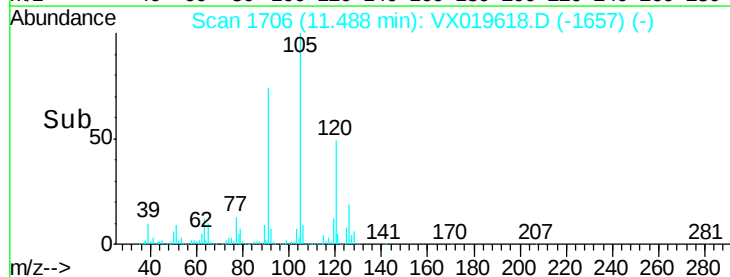
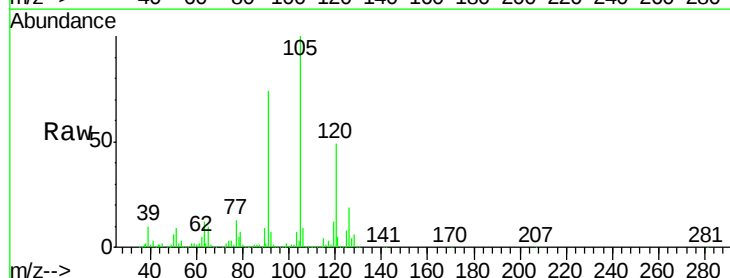
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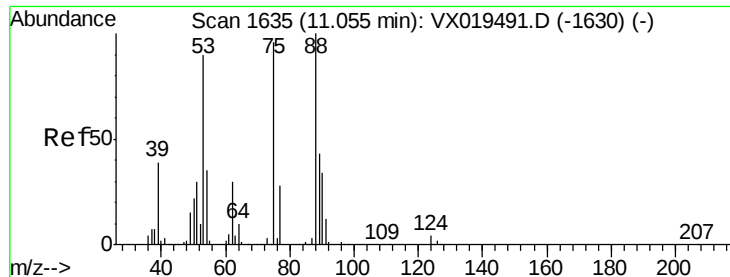
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.055 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019618.D
 Acq: 24 Nov 2020 20:11

Tgt Ion: 105 Resp: 599600
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.1 72.3





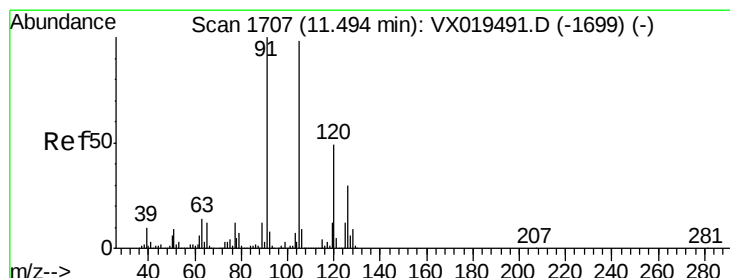
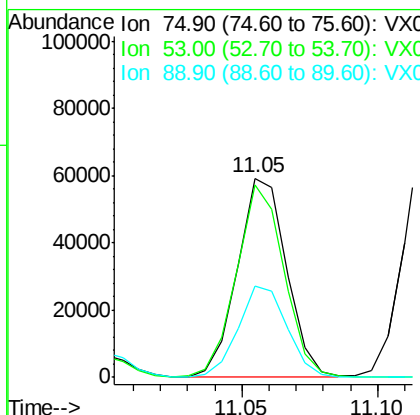
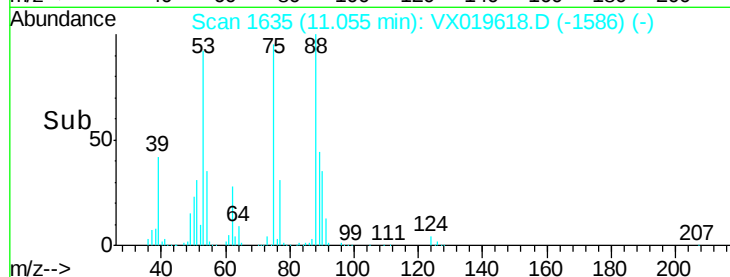
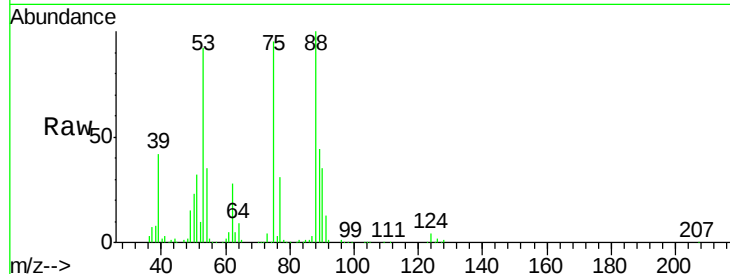
#81
trans-1,4-Dichloro-2-butene
Concen: 46.287 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.1	73.9	110.9
89	46.2	37.3	55.9

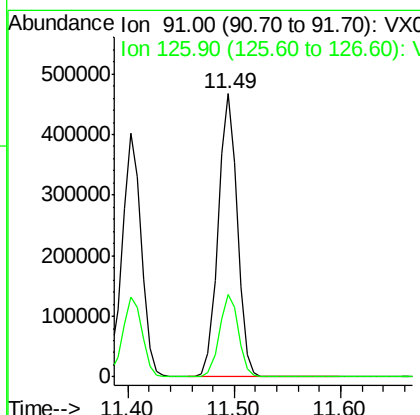
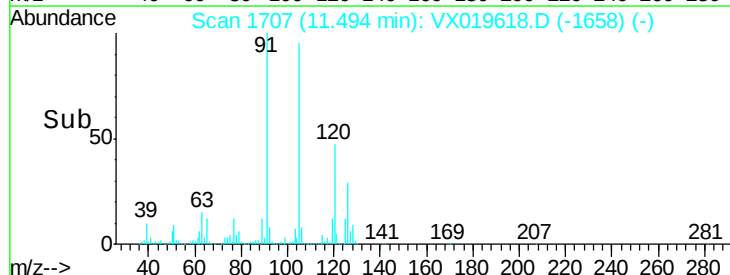
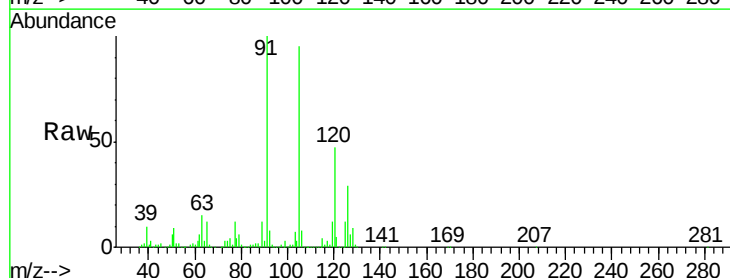
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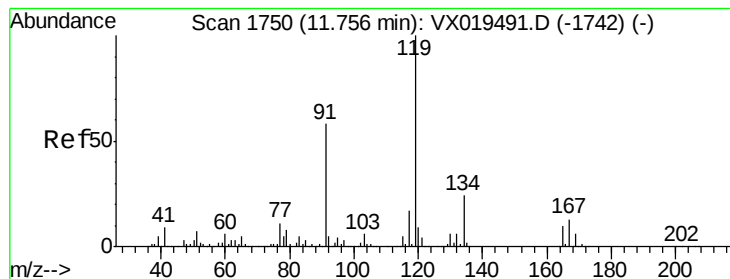
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#82
4-Chlorotoluene
Concen: 51.627 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.9	44.7





#83

tert-Butylbenzene

Concen: 53.869 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019618.D

Acq: 24 Nov 2020 20:11

Instrument :

MSVOA_X

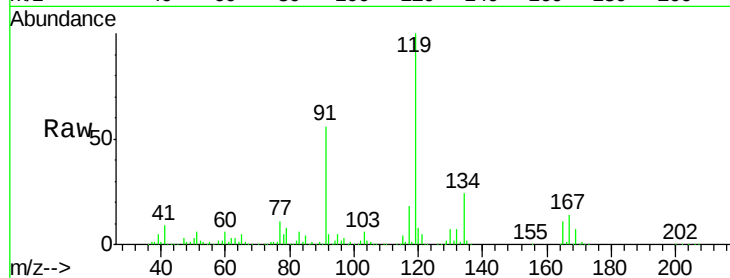
ClientSampleId :

VSTDCCC050EC

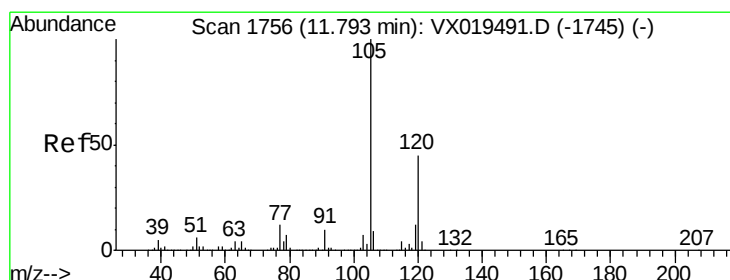
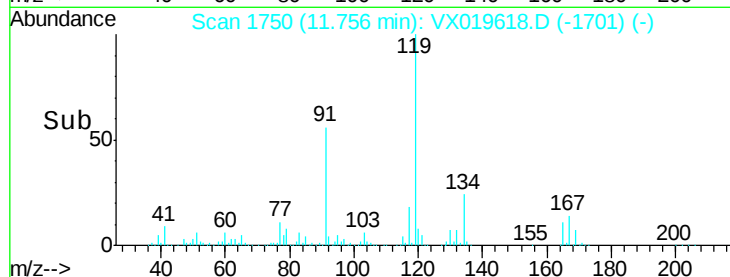
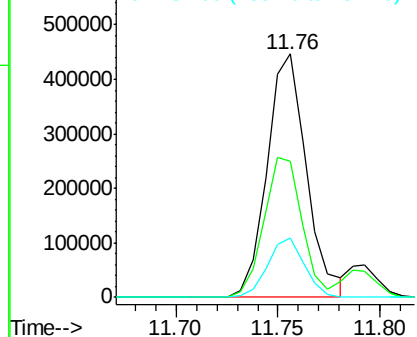
Tot Ion:	119	Resp:	600301
Ion Ratio	Lower	Upper	
119	100		
91	55.7	28.9	86.8
134	22.8	11.7	35.0

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.276 ug/l

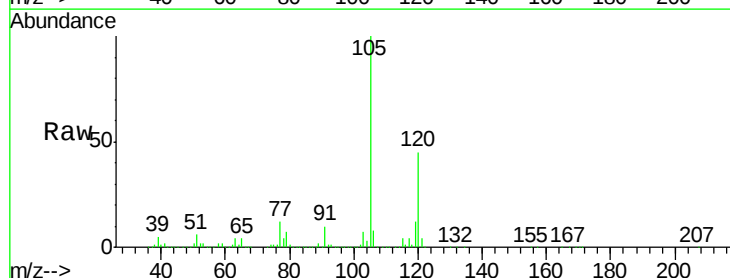
RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

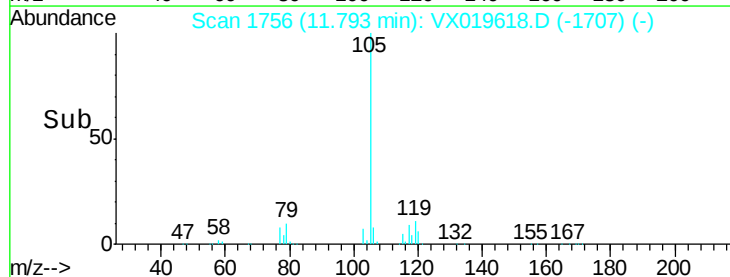
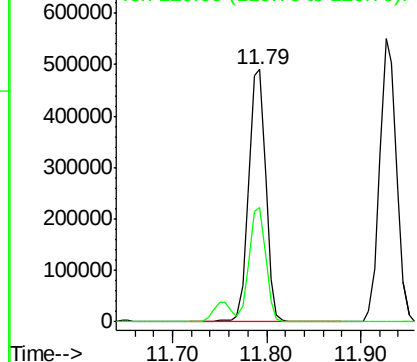
Lab File: VX019618.D

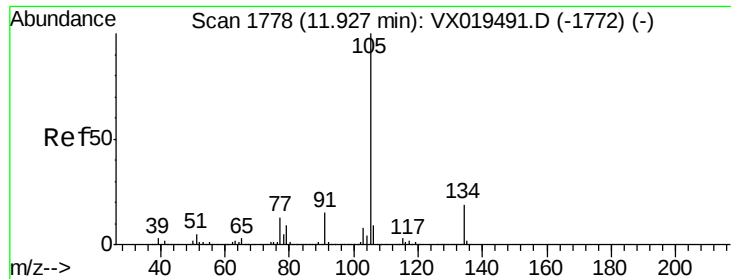
Acq: 24 Nov 2020 20:11

Tgt Ion:	105	Resp:	620910
Ion Ratio	Lower	Upper	
105	100		
120	44.2	22.2	66.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





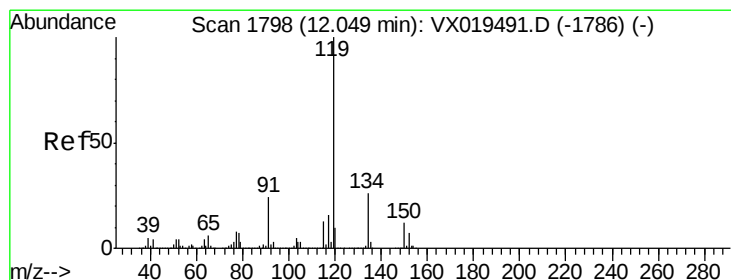
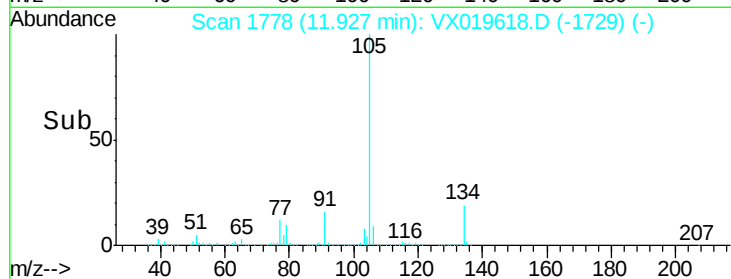
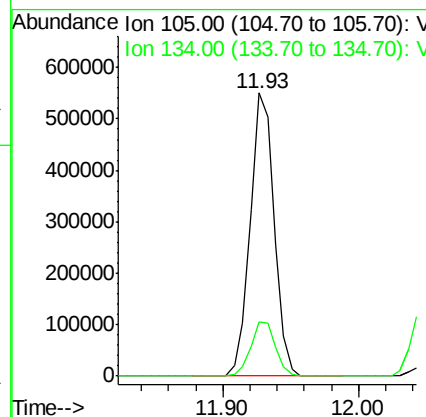
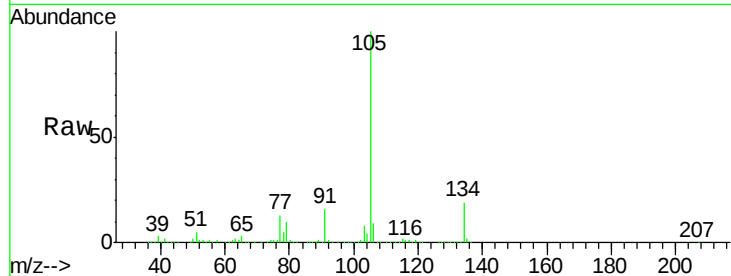
#85
 sec-Butylbenzene
 Concen: 51.129 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019618.D
 Acq: 24 Nov 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.1	30.3

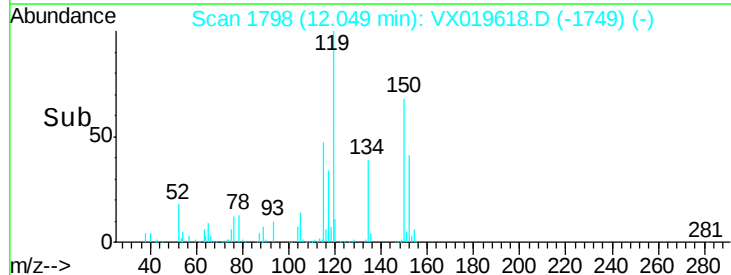
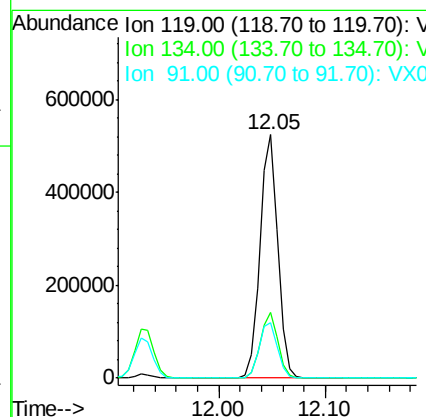
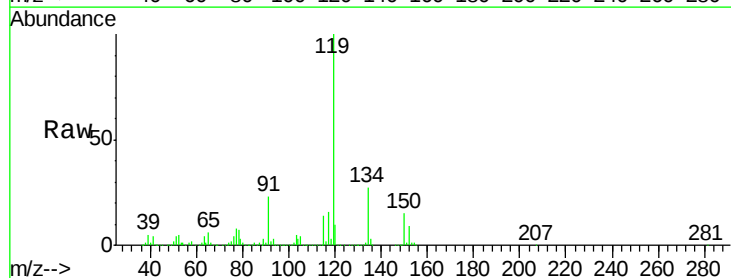
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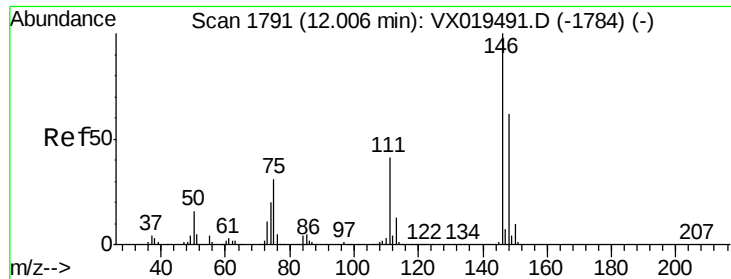
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#86
 p-Isopropyltoluene
 Concen: 50.998 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019618.D
 Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.1	39.3
91	23.6	11.8	35.4





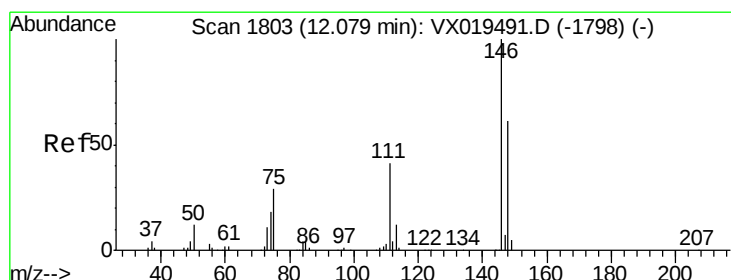
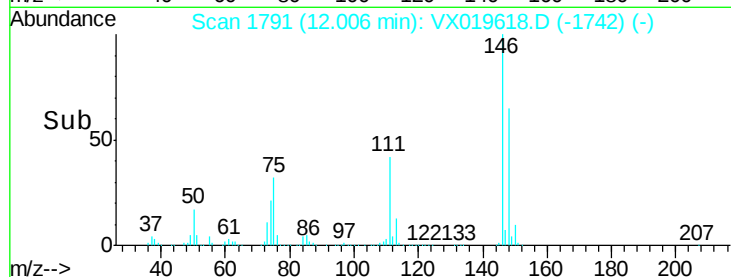
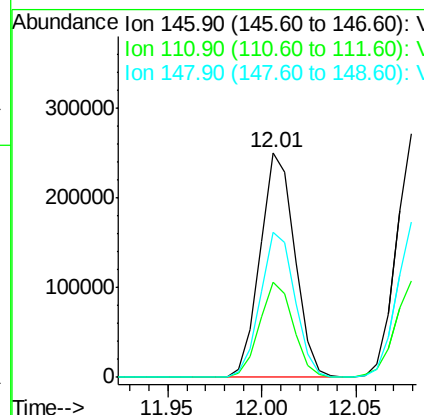
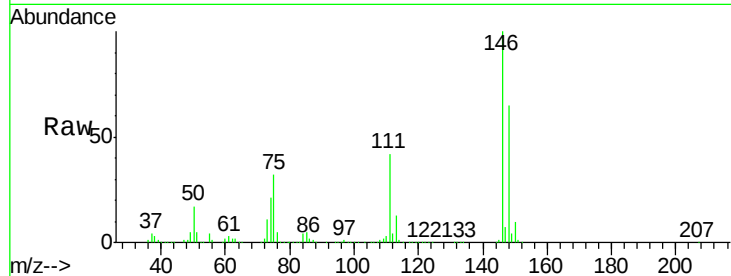
#87
 1,3-Dichlorobenzene
 Concen: 49.532 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019618.D
 Acq: 24 Nov 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.2	60.6
148	64.3	31.4	94.2

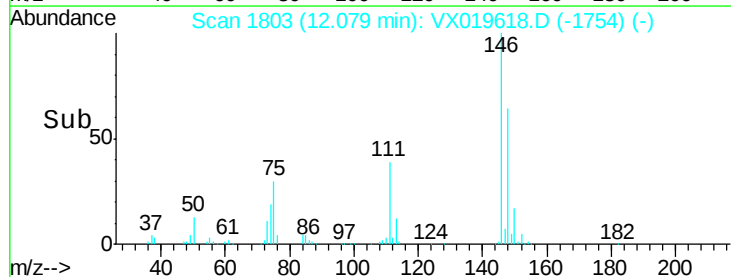
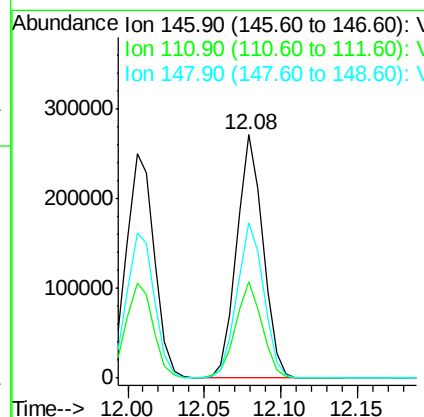
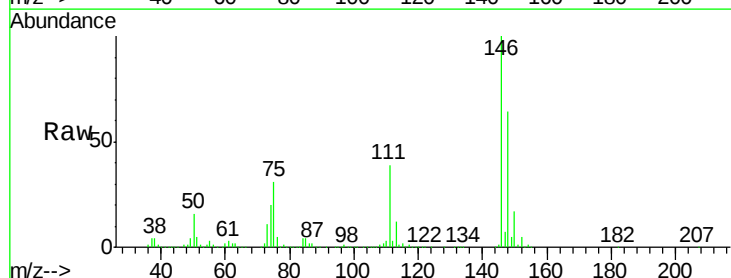
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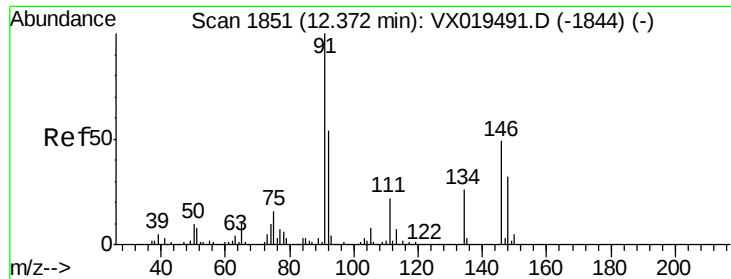
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#88
 1,4-Dichlorobenzene
 Concen: 48.604 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019618.D
 Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.6
148	64.9	31.7	95.1





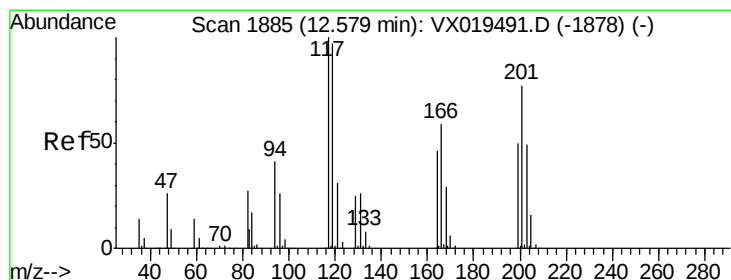
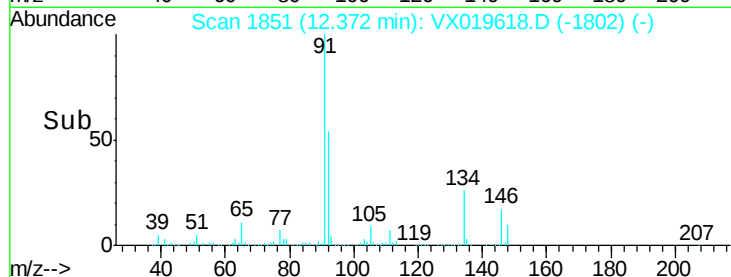
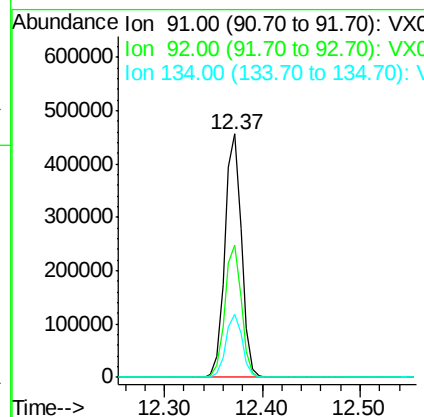
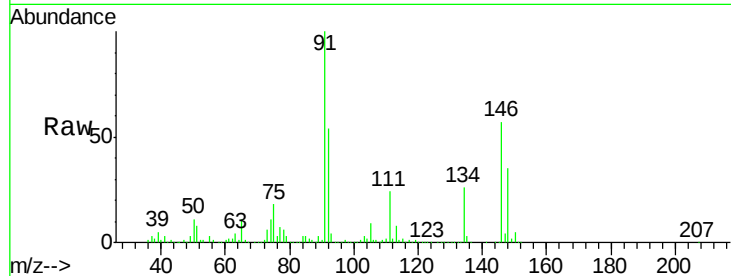
#89
n-Butylbenzene
Concen: 49.017 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.9	80.6
134	25.8	12.9	38.6

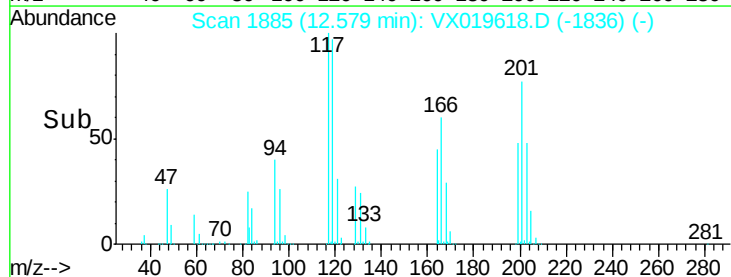
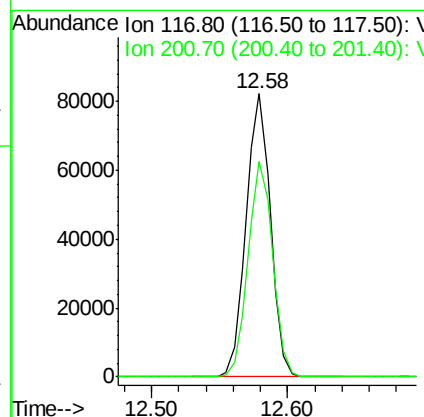
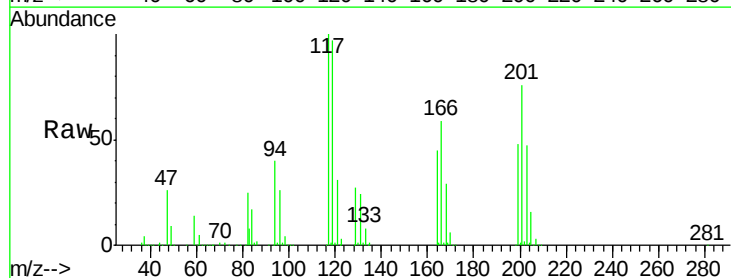
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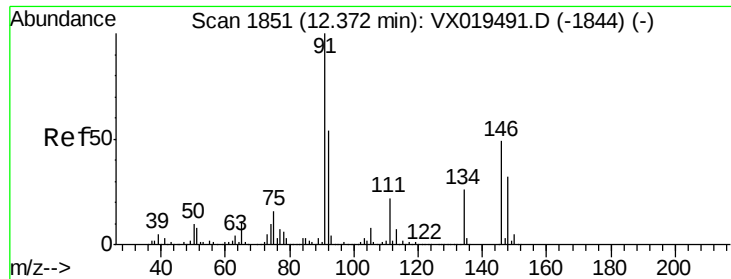
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#90
Hexachloroethane
Concen: 50.979 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.1	39.4	118.2





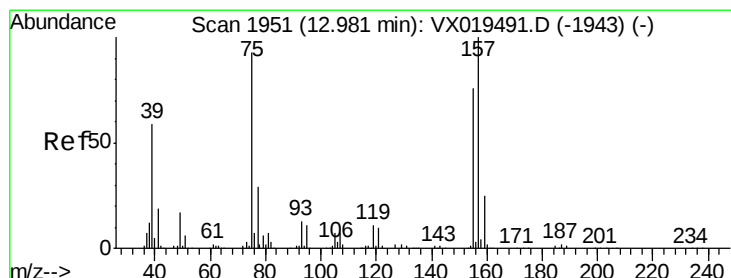
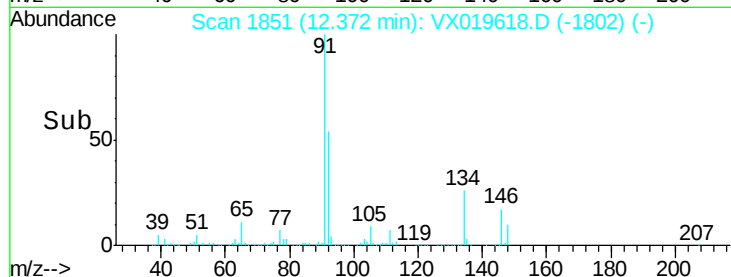
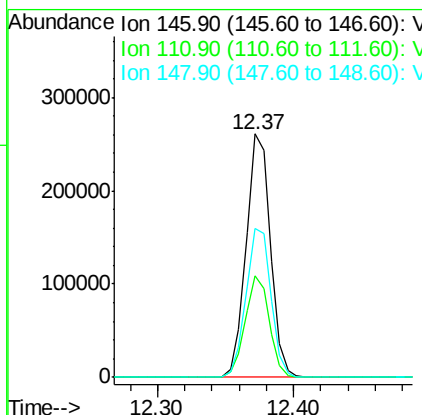
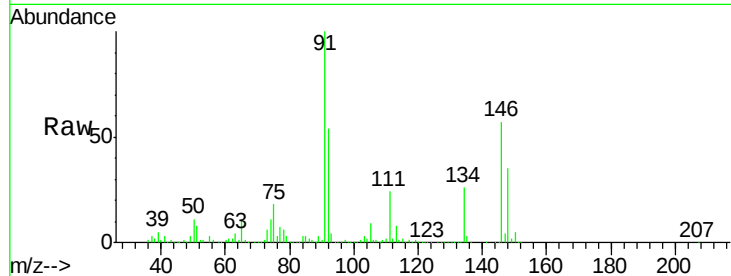
#91
 1,2-Dichlorobenzene
 Concen: 50.370 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019618.D
 Acq: 24 Nov 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.1	63.3
148	63.2	32.4	97.0

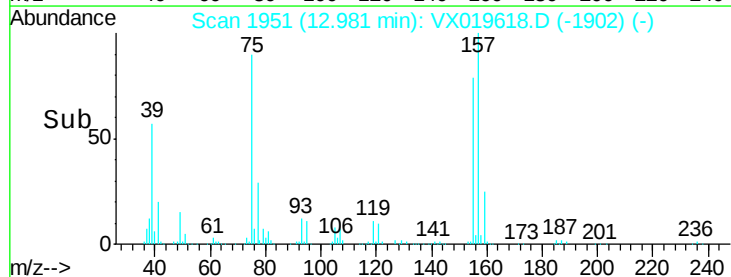
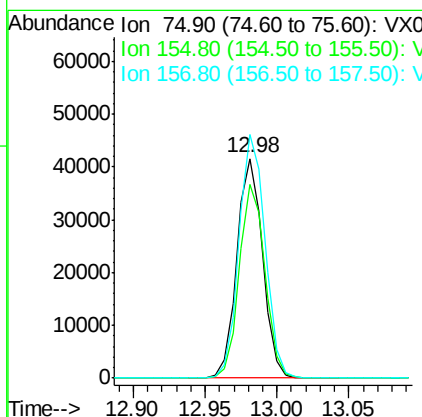
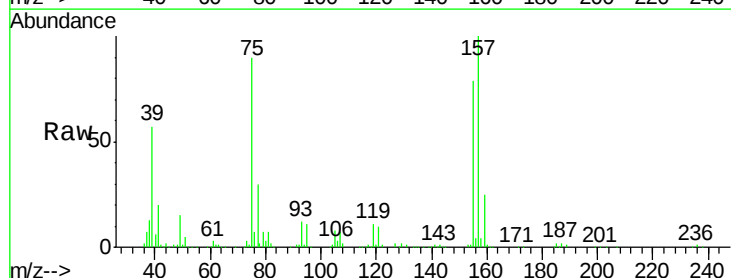
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.695 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019618.D
 Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.5	43.6	130.9
157	112.2	57.0	170.8





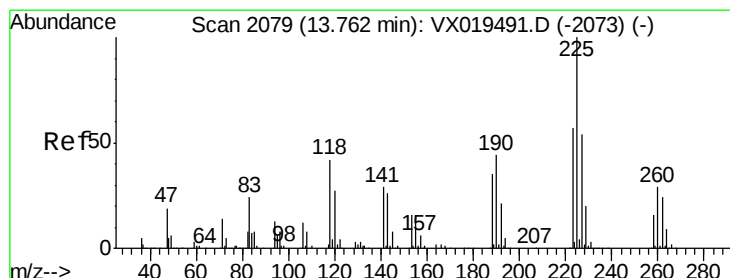
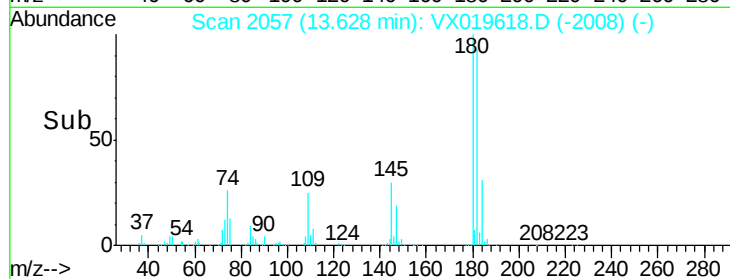
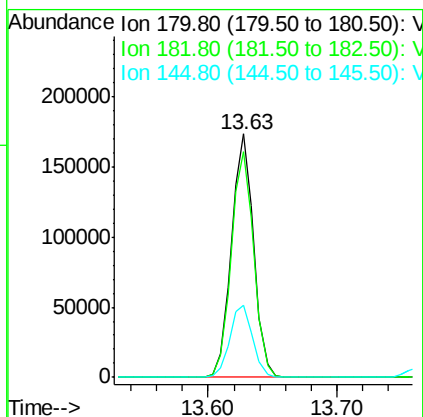
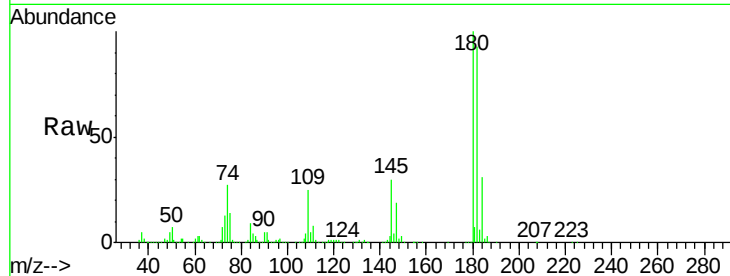
#93
 1,2,4-Trichlorobenzene
 Concen: 50.334 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019618.D
 Acq: 24 Nov 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.1	48.6	145.9	
145	30.8	15.9	47.7	

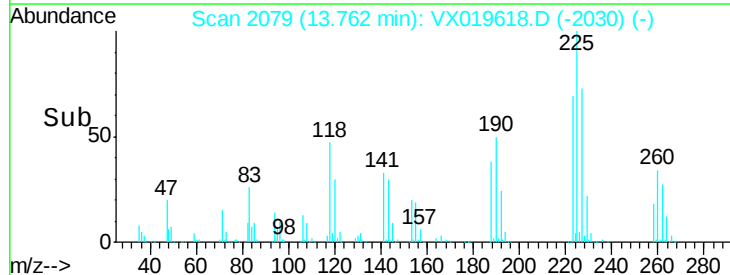
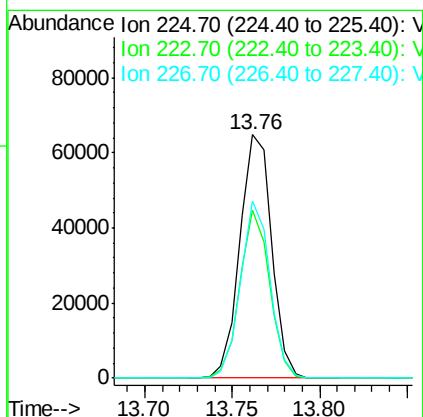
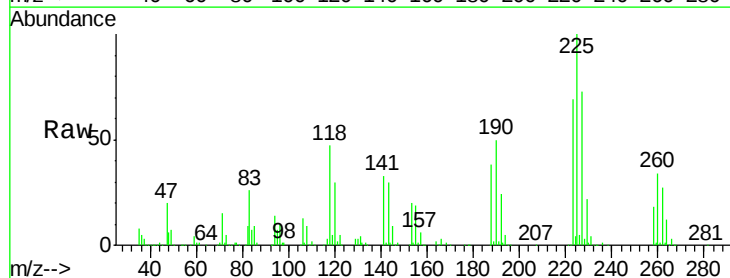
Manual Integrations
 APPROVED

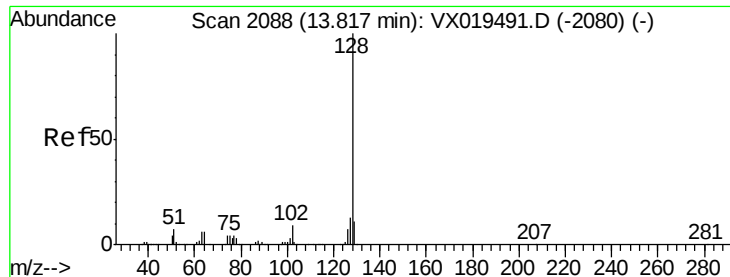
MMDadoda
 11/25/2020 10:31:25 AM



#94
 Hexachlorobutadiene
 Concen: 43.296 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019618.D
 Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.5	32.5	97.5	
227	67.4	32.8	98.3	





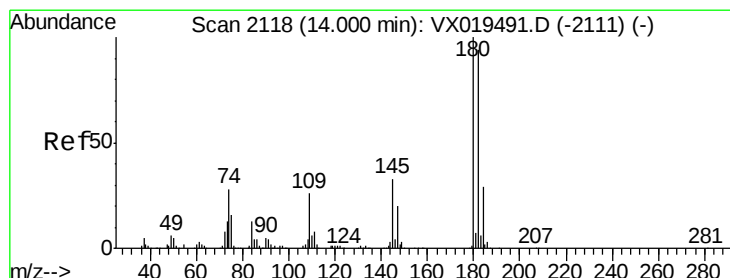
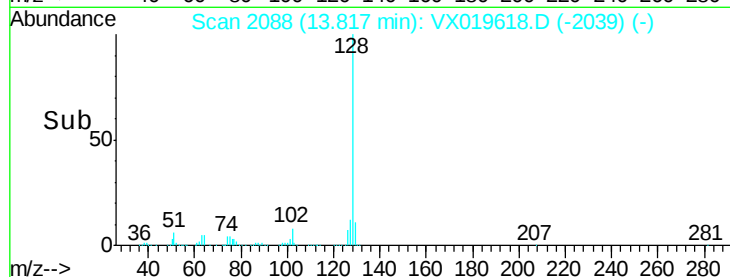
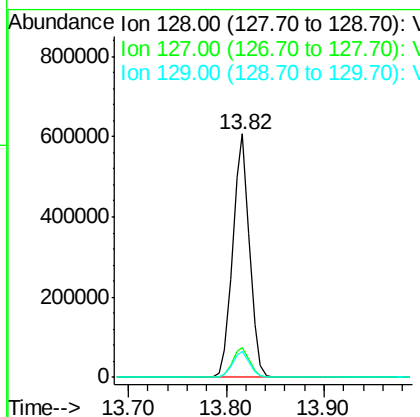
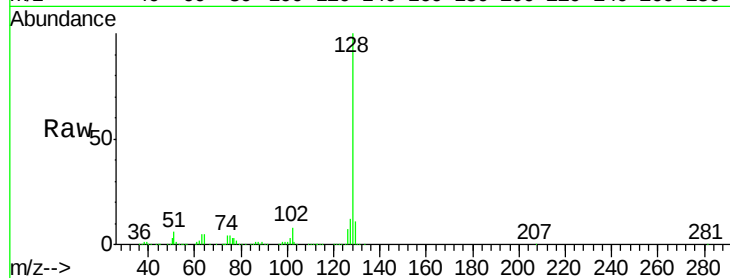
#95
Naphthalene
Concen: 48.909 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

Manual Integrations
APPROVED

MMDadoda
11/25/2020 10:31:25 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.255 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019618.D
Acq: 24 Nov 2020 20:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.1	144.3
145	33.3	16.6	49.8

