

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019470.D
 Acq On : 19 Nov 2020 16:58
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 12:25:04 PM

Quant Time: Nov 19 17:31:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 19 17:22:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	48068	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.83	114	259466	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	244153	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	101499	31.33	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.43%
60) 4-Bromofluorobenzene	11.12	95	121374	32.55	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	108.50%
63) Toluene-d8	8.70	98	323402	30.00	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	132037	51.797	ug/l 98
3) Chloromethane	1.31	50	149130	62.102	ug/l 97
4) Vinyl Chloride	1.39	62	159387	52.968	ug/l 97
5) Bromomethane	1.62	94	62834	31.839	ug/l 99
6) Chloroethane	1.69	64	47944	25.979	ug/l 97
7) Trichlorofluoromethane	1.90	101	229386	45.387	ug/l 98
8) Diethyl Ether	2.17	74	92865	48.527	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	127291	51.237	ug/l 97
10) 1,1-Dichloroethene	2.35	96	128906	51.089	ug/l 98
11) Methyl Iodide	2.48	142	174104	67.852	ug/l 98
12) Methyl Acetate	2.75	43	155099	59.694	ug/l 98
13) Acrolein	2.28	56	114510	410.534	ug/l 99
14) Acrylonitrile	3.12	53	387373	313.901	ug/l 100
15) Acetone	2.43	58	110002	306.612	ug/l 95
16) Carbon Disulfide	2.54	76	340337	49.419	ug/l 99
17) Allyl chloride	2.70	41	195996	60.051	ug/l 98
18) Methylene Chloride	2.83	84	156071	53.412	ug/l 96
19) trans-1,2-Dichloroethene	3.14	96	144618	49.723	ug/l 95
20) Diisopropyl ether	3.82	45	423488	62.950	ug/l 97
21) 1,1-Dichloroethane	3.67	63	254044	53.698	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	167386	49.658	ug/l 98
23) tert-Butyl Alcohol	3.04	59	164369	276.326	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	448043	55.394	ug/l 100
25) Chloroform	5.17	83	269977	51.975	ug/l 99
26) Cyclohexane	5.54	56	218622	58.316	ug/l # 98
29) 1,1-Dichloropropene	5.76	75	197862	52.055	ug/l 98
30) 2-Butanone	4.64	43	508183	315.083	ug/l 99
31) 2,2-Dichloropropane	4.54	77	220944	50.806	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	230417	50.535	ug/l 99
33) Carbon Tetrachloride	5.75	117	199437	50.544	ug/l 97
34) Benzene	6.11	78	613826	53.959	ug/l 99
35) Methacrylonitrile	5.00	41	102343	60.132	ug/l 96
36) 1,2-Dichloroethane	6.16	62	210921	53.879	ug/l 100
37) Trichloroethene	7.18	130	161677	50.195	ug/l 99
38) Methylcyclohexane	7.44	83	238664	55.077	ug/l 99
39) 1,2-Dichloropropane	7.49	63	150809	56.008	ug/l 99
40) Dibromomethane	7.63	93	106077	51.908	ug/l 98

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Quant Time: Nov 19 17:31:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 19 17:22:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	210671	52.560	ug/l	99
42) Vinyl Acetate	3.78	43	1833850	300.813	ug/l	99
43) Ethyl Acetate	4.79	43	192283	58.455	ug/l	99
44) Isopropyl Acetate	6.41	43	314185	57.334	ug/l	99
45) 1,4-Dioxane	7.72	88	70940	1217.815	ug/l	98
46) Methyl methacrylate	7.74	41	156620	60.305	ug/l	98
47) n-amyl Acetate	10.88	43	273313	61.903	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	232747	52.224	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	254342	53.322	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	160111	53.483	ug/l	93
51) Ethyl methacrylate	9.16	69	235349	54.877	ug/l	99
52) 1,3-Dichloropropane	9.35	76	269775	55.373	ug/l	99
53) Dibromochloromethane	9.56	129	164569	50.597	ug/l	98
54) 1,2-Dibromoethane	9.65	107	168736	52.591	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	628545	277.265	ug/l	99
56) Bromoform	10.84	173	117303	51.662	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	987650	300.209	ug/l	99
59) 2-Hexanone	9.48	43	764379	310.580	ug/l	100
61) Tetrachloroethene	9.32	164	152517	50.079	ug/l	92
62) Toluene	8.76	91	678895	51.188	ug/l	99
64) Chlorobenzene	10.12	112	416197	50.377	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	153205	50.951	ug/l	99
66) Ethyl Benzene	10.23	91	758217	52.023	ug/l	98
67) m/p-Xylenes	10.34	106	575000	103.625	ug/l	100
68) o-Xylene	10.68	106	268531	50.745	ug/l	99
69) Styrene	10.70	104	465049	51.997	ug/l	99
70) Isopropylbenzene	11.00	105	727227	50.889	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	244158	57.522	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	221016m	58.189	ug/l	
73) Bromobenzene	11.24	156	176390	50.442	ug/l	98
74) n-propylbenzene	11.34	91	856661	52.915	ug/l	99
75) 2-Chlorotoluene	11.40	91	504485	54.192	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	627084	53.775	ug/l	98
77) t-1,4-Dichloro-2-butene	11.05	75	78143	53.768	ug/l	98
78) 4-Chlorotoluene	11.49	91	594374	54.524	ug/l	100
79) tert-butylbenzene	11.76	119	596593	52.401	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	633103	54.618	ug/l	98
81) sec-Butylbenzene	11.93	105	712135	52.474	ug/l	99
82) p-Isopropyltoluene	12.05	119	646665	51.928	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	324036	51.406	ug/l	97
84) 1,4-Dichlorobenzene	12.08	146	335340	52.424	ug/l	99
85) n-Butylbenzene	12.37	91	594595	53.433	ug/l	99
86) Hexachloroethane	12.58	117	108373	55.639	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	330247	54.425	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	52082	55.515	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	222687	52.166	ug/l	99
90) Hexachlorobutadiene	13.76	225	95352	51.193	ug/l	94
91) Naphthalene	13.82	128	714383	51.378	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	222025	53.519	ug/l	100

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

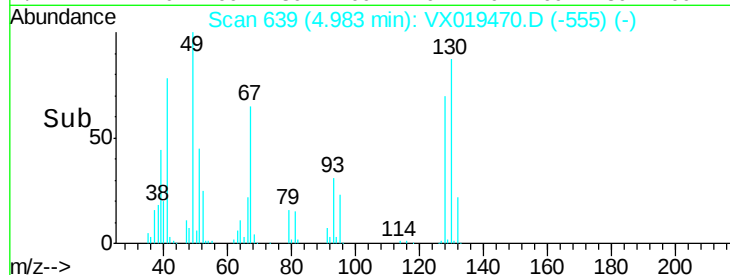
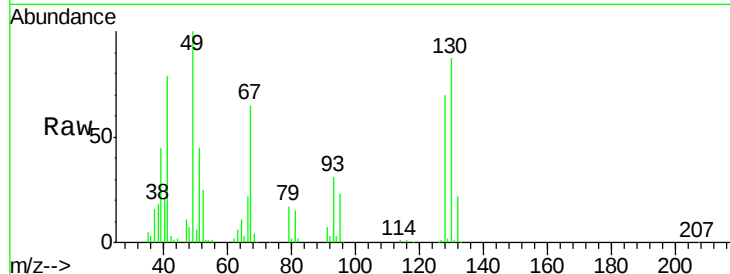
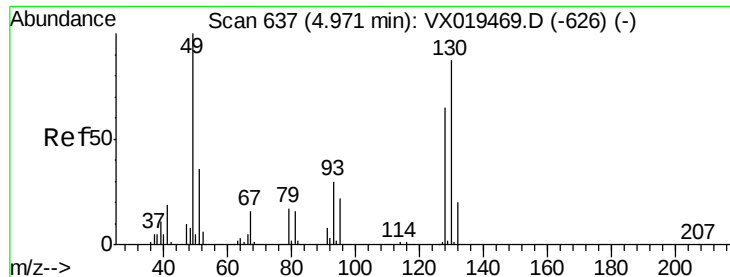
Manual Integrations
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Response via : Initial Calibration

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



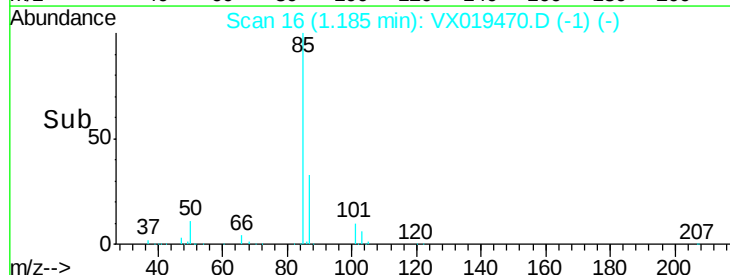
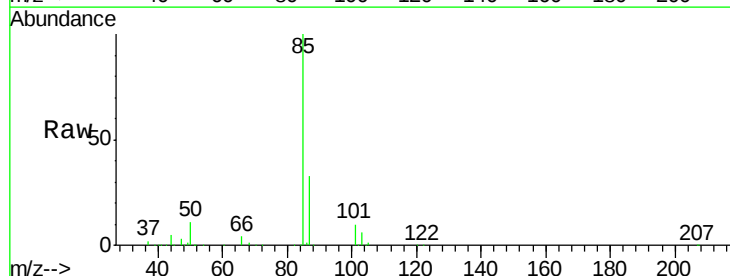
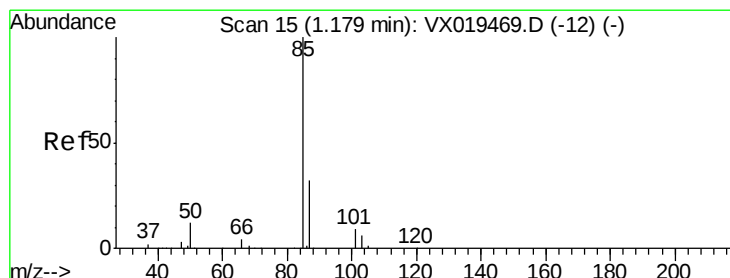
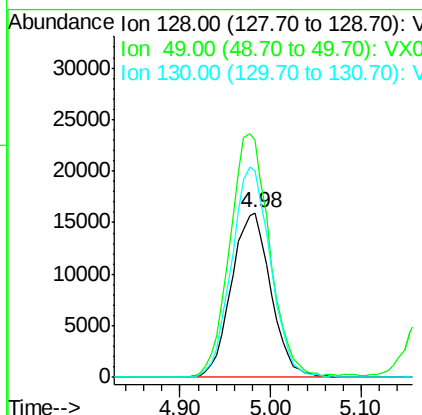
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tot Ion	Ratio	Lower	Upper
128	100		
49	149.9	0.0	377.8
130	126.9	0.0	324.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

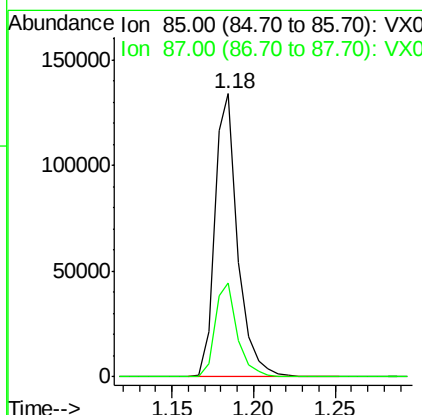
Manual Integrations
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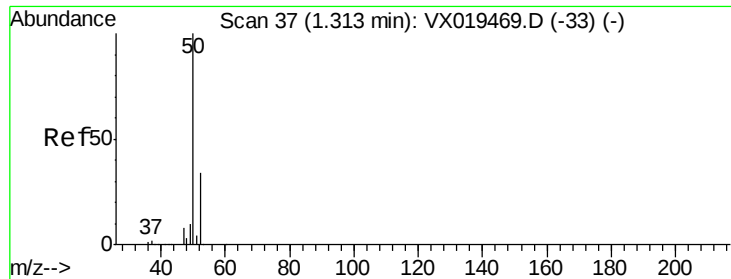
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#2
Dichlorodifluoromethane
Concen: 51.797 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.01 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.0	47.9





#3

Chloromethane

Concen: 62.102 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 50 Resp: 149130

Ion Ratio Lower Upper

50 100

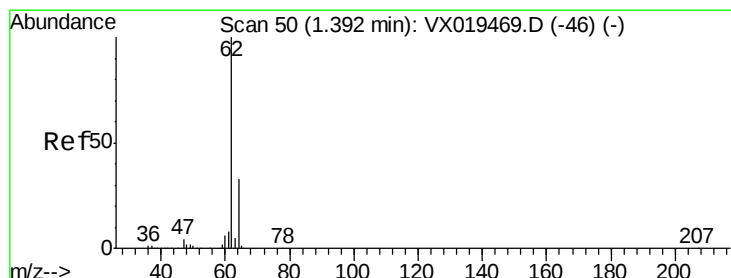
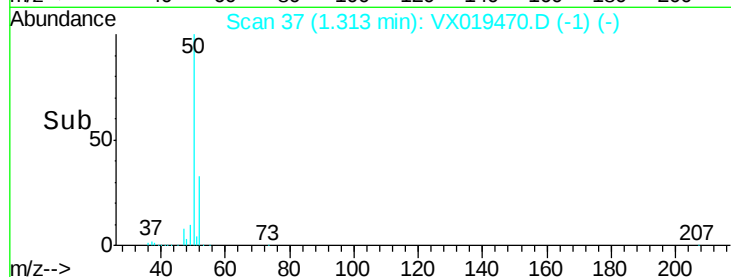
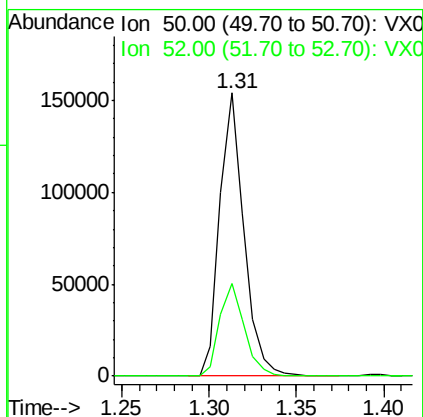
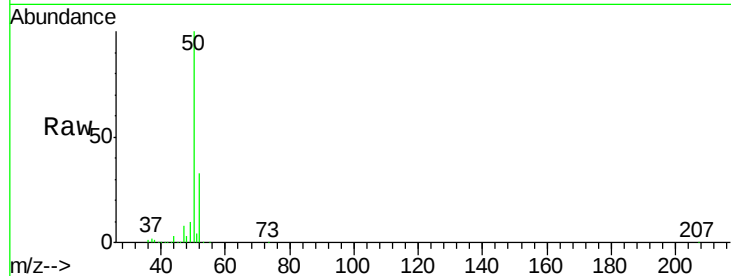
52 32.7 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.968 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019470.D

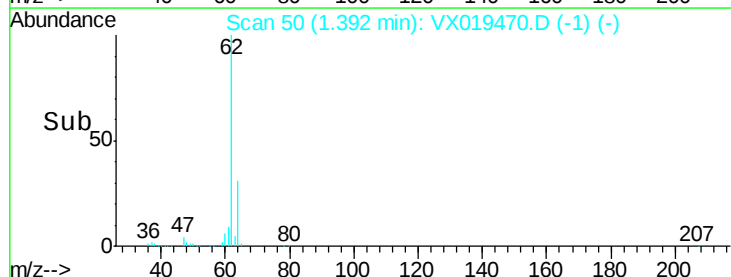
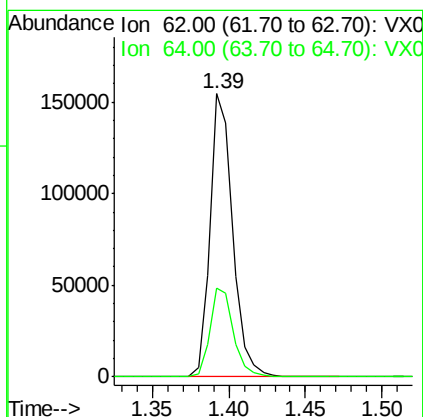
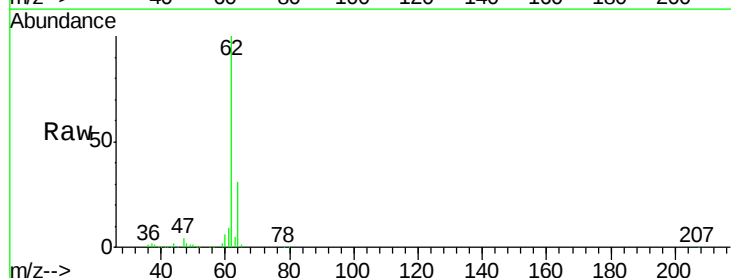
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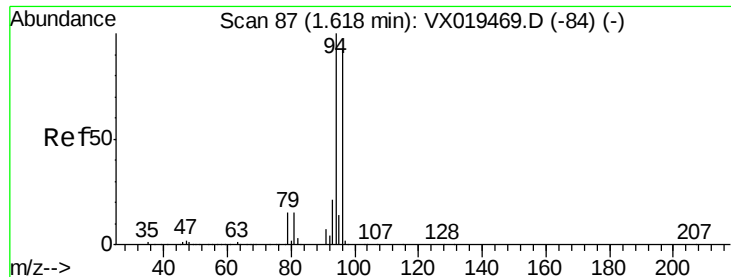
Tgt Ion: 62 Resp: 159387

Ion Ratio Lower Upper

62 100

64 31.4 26.4 39.6





#5

Bromomethane

Concen: 31.839 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 94 Resp: 62834

Ion Ratio Lower Upper

94 100

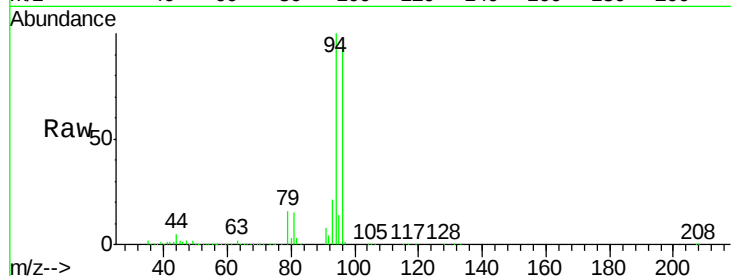
96 94.2 74.6 111.8

Manual Integrations

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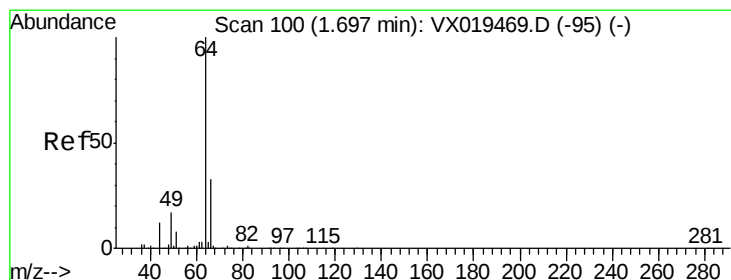
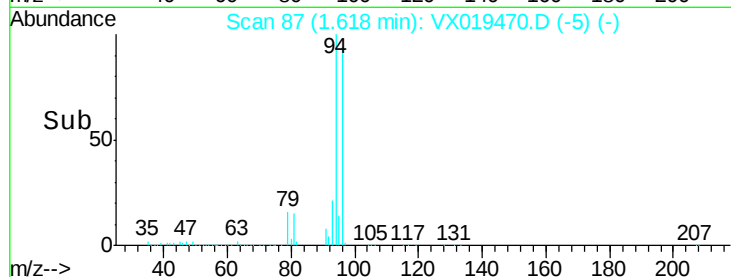
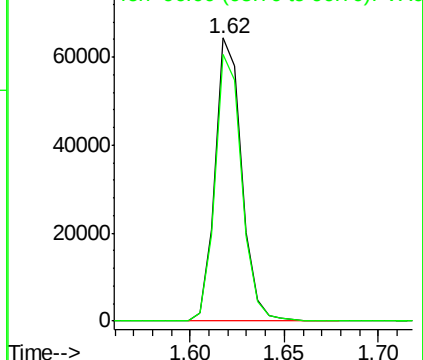
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 25.979 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX019470.D

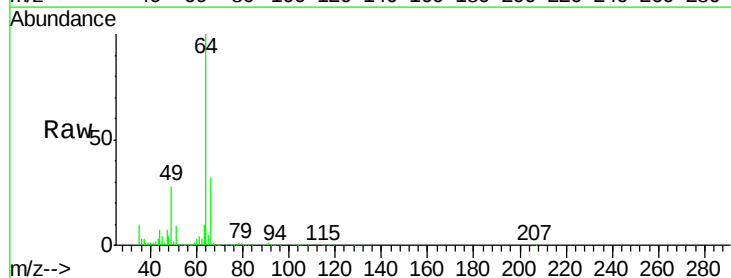
Acq: 19 Nov 2020 16:58

Tgt Ion: 64 Resp: 47944

Ion Ratio Lower Upper

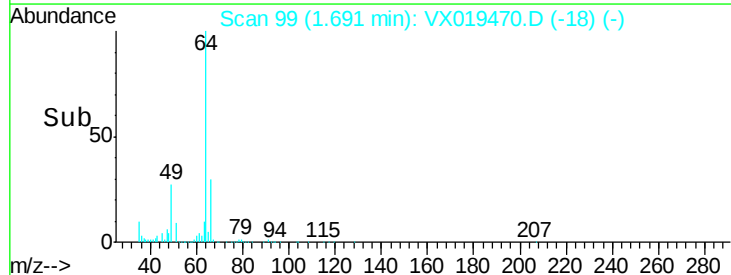
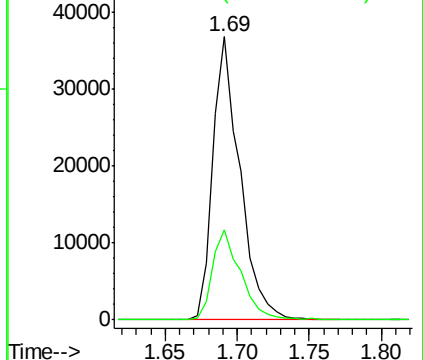
64 100

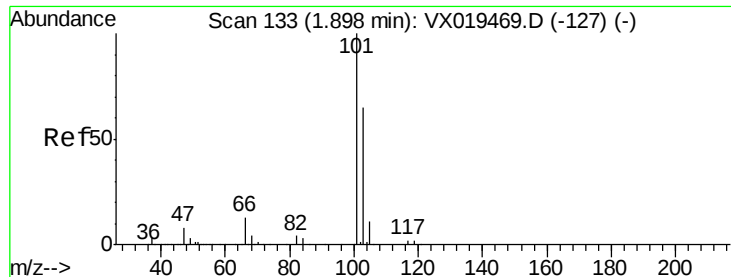
66 31.6 26.6 40.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

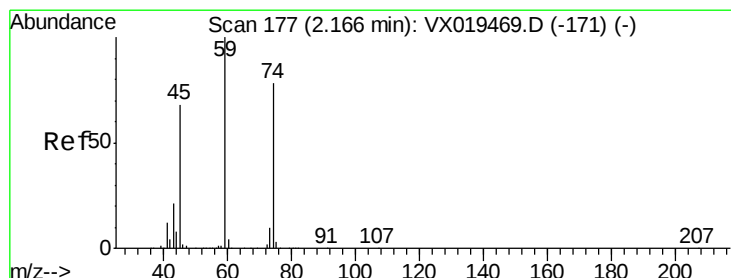
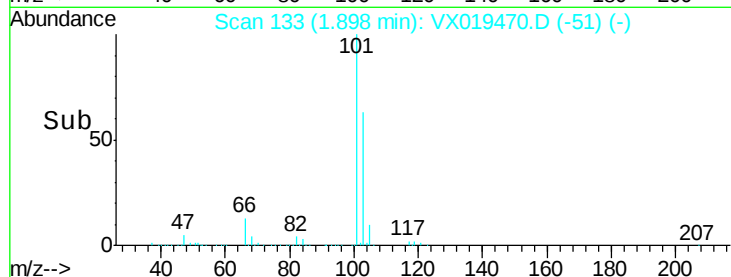
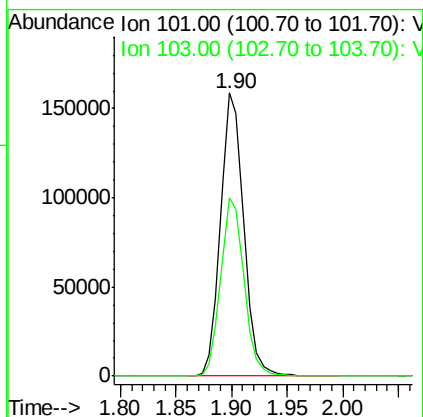
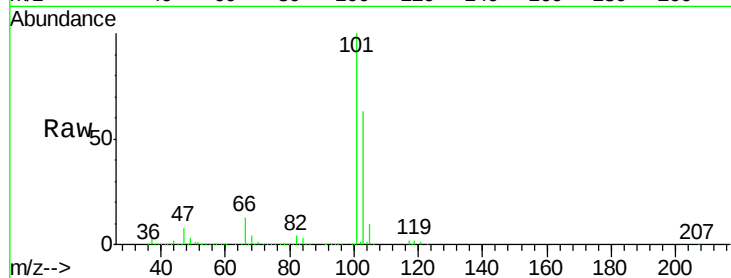
Trichlorofluoromethane
Concen: 45.387 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Instrument :
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ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	229386		
103	63.1	51.8	77.6	

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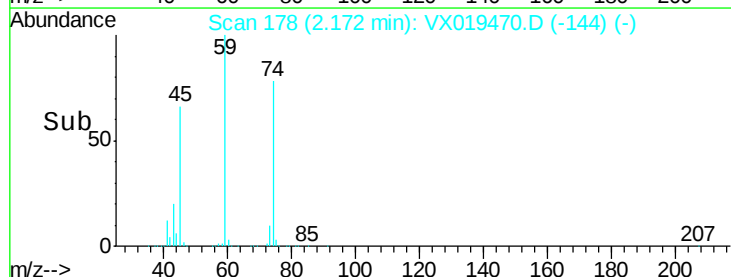
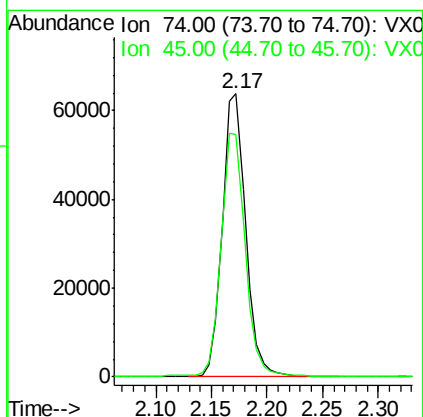
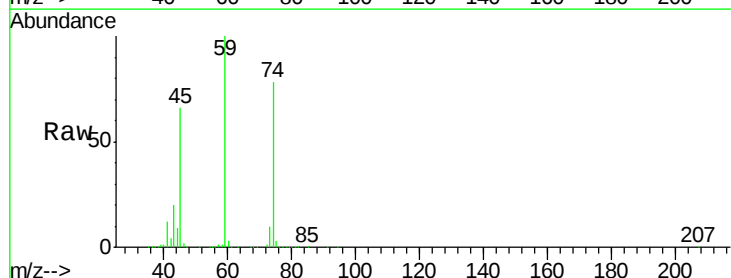
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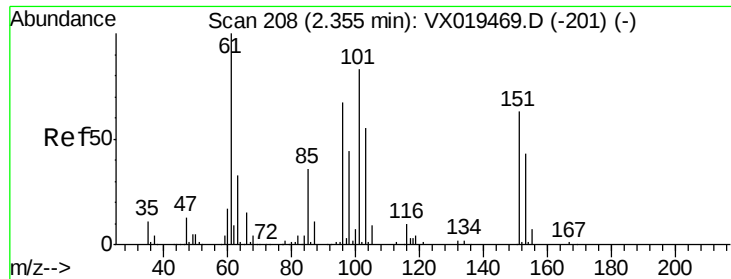


#8

Diethyl Ether
Concen: 48.527 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	92865		
45	88.3	17.2	155.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.237 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

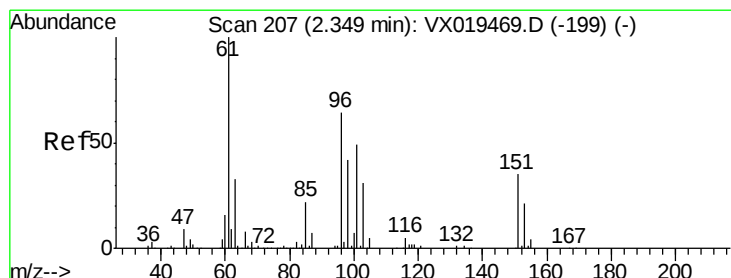
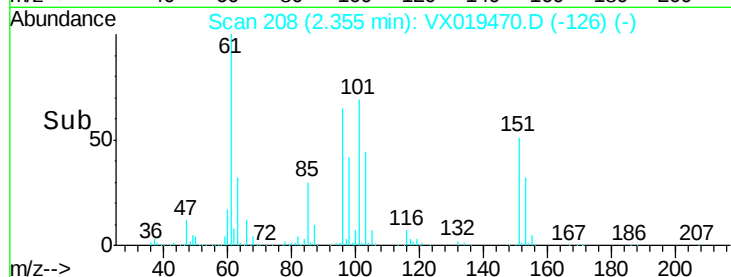
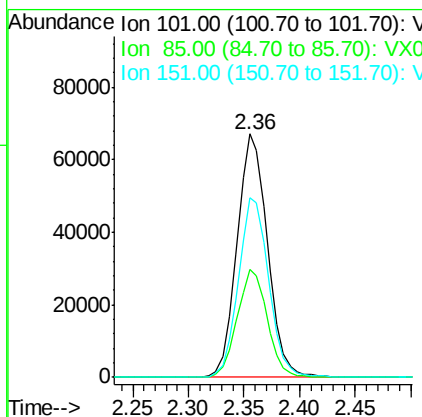
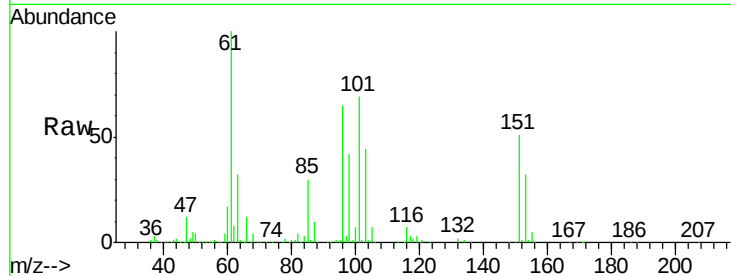
ClientSampleId :

VSTDIC050

Tot Ion:	101	Resp:	127291
Ion Ratio	Lower	Upper	
101	100		
85	43.7	0.0	88.8
151	73.5	0.0	153.0

Manual Integrations
APPROVED

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#10

1,1-Dichloroethene

Concen: 51.089 ug/l

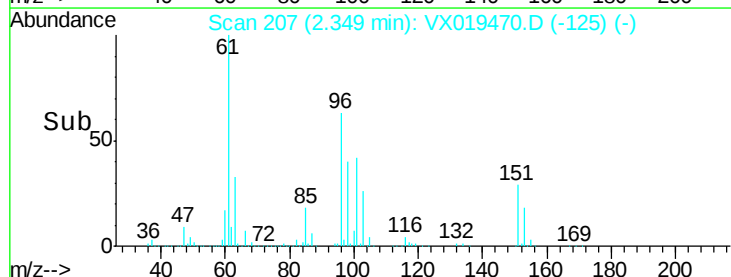
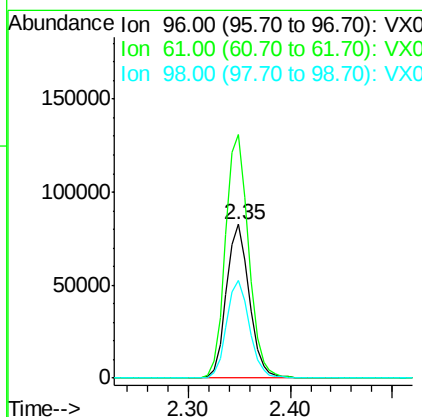
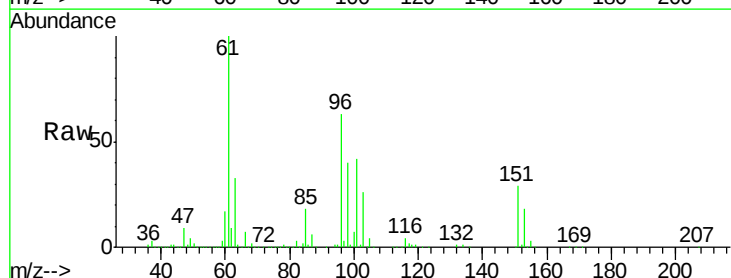
RT: 2.35 min Scan# 207

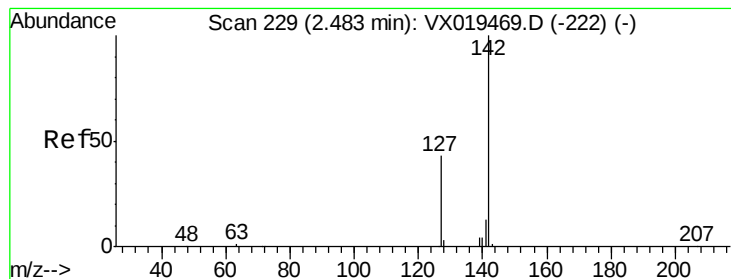
Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Tgt Ion:	96	Resp:	128906
Ion Ratio	Lower	Upper	
96	100		
61	158.4	125.4	188.2
98	63.8	52.4	78.6





#11

Methyl Iodide

Concen: 67.852 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

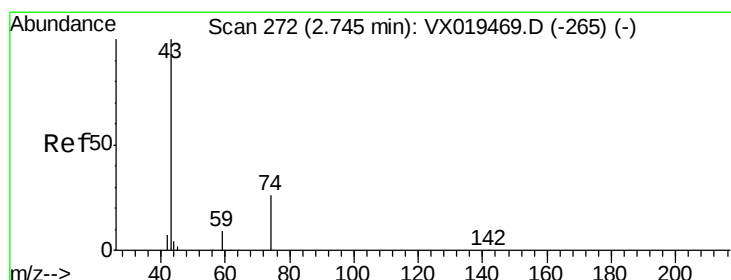
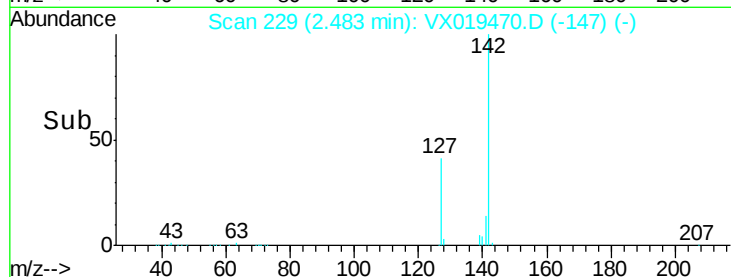
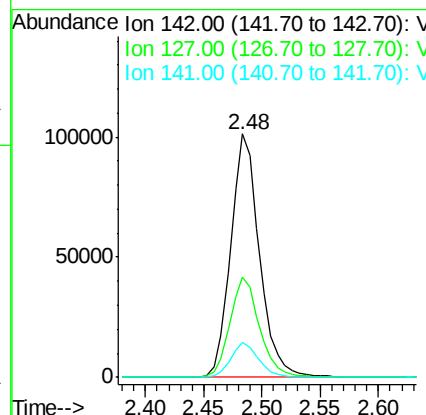
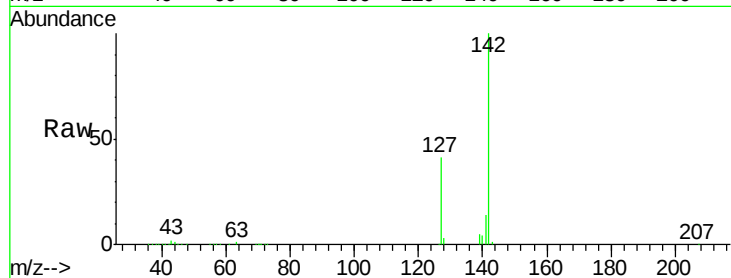
ClientSampleId :

VSTDIC050

Tot Ion:	142	Resp:	174104
Ion Ratio	Lower	Upper	
142	100		
127	41.3	21.3	64.0
141	14.1	6.7	20.0

Manual Integrations
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#12

Methyl Acetate

Concen: 59.694 ug/l

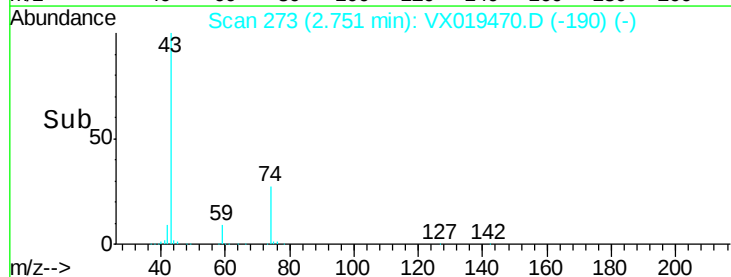
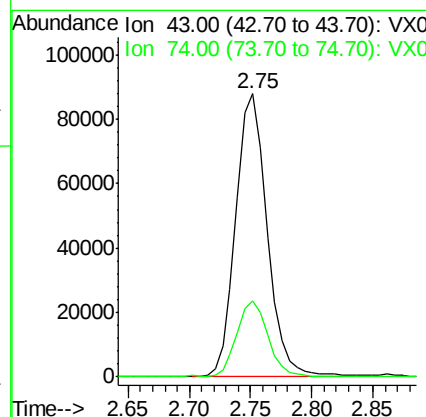
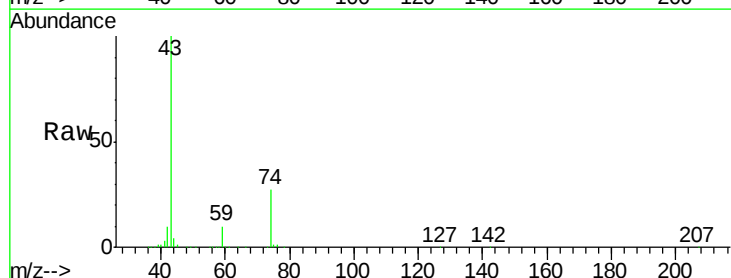
RT: 2.75 min Scan# 273

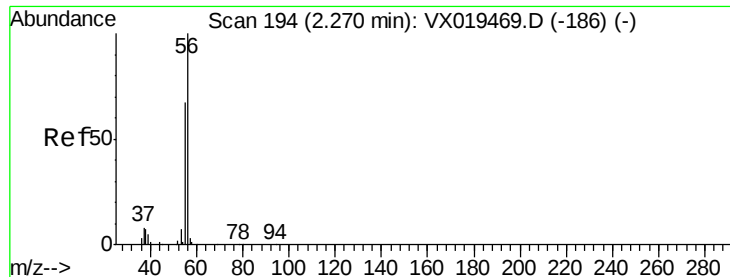
Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Tgt Ion:	43	Resp:	155099
Ion Ratio	Lower	Upper	
43	100		
74	26.8	20.7	31.1





#13

Acrolein

Concen: 410.534 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 56 Resp: 114510

Ion Ratio Lower Upper

56 100

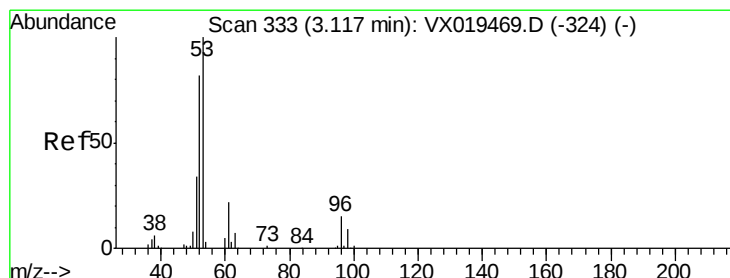
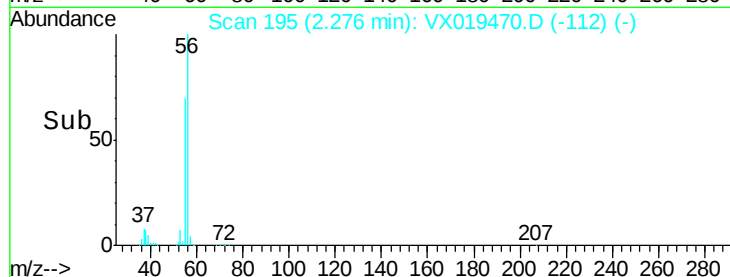
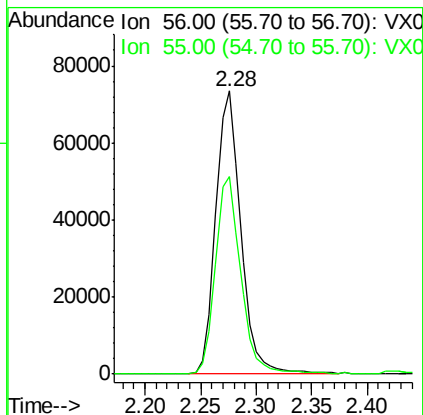
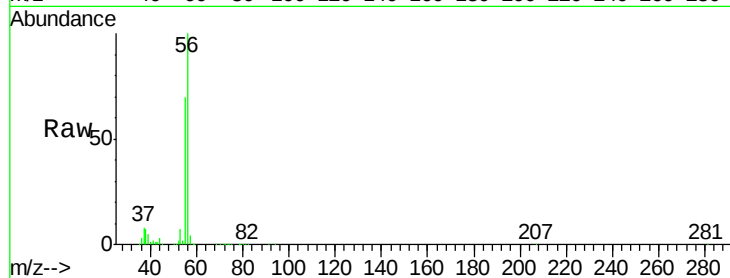
55 69.7 56.5 84.7

Manual Integrations

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#14

Acrylonitrile

Concen: 313.901 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

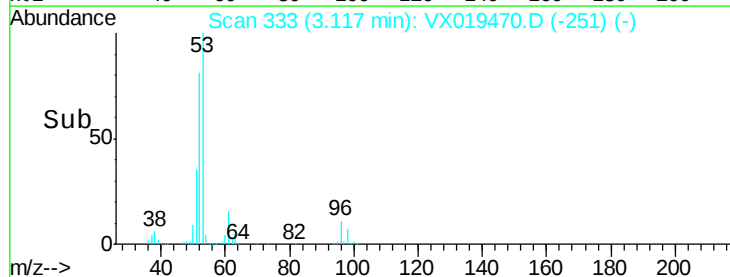
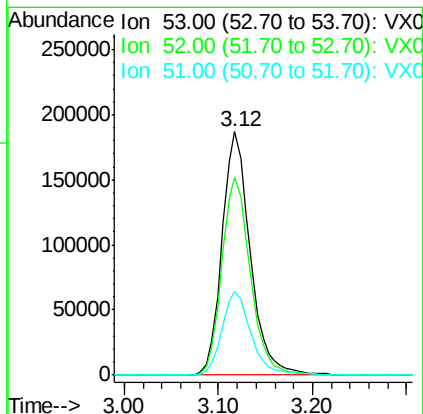
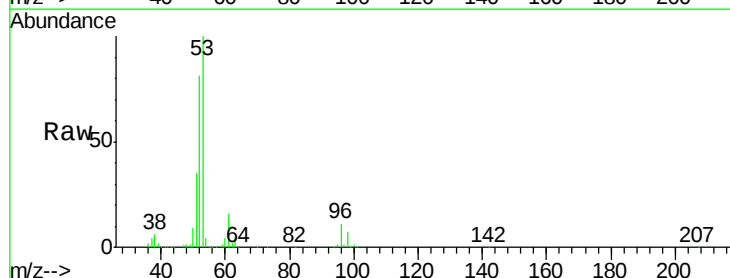
Tgt Ion: 53 Resp: 387373

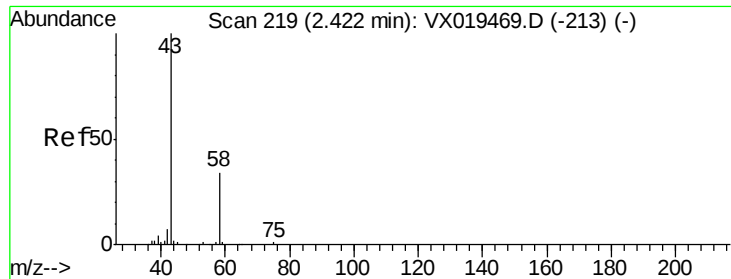
Ion Ratio Lower Upper

53 100

52 82.2 41.3 123.7

51 35.3 17.8 53.3





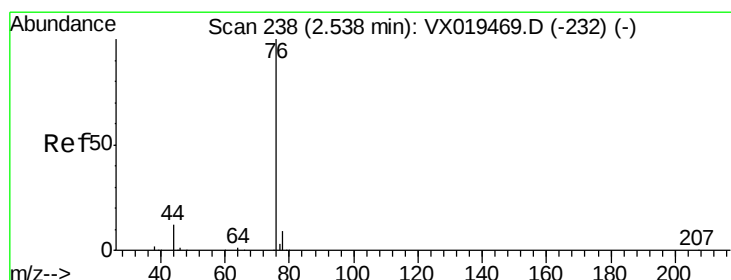
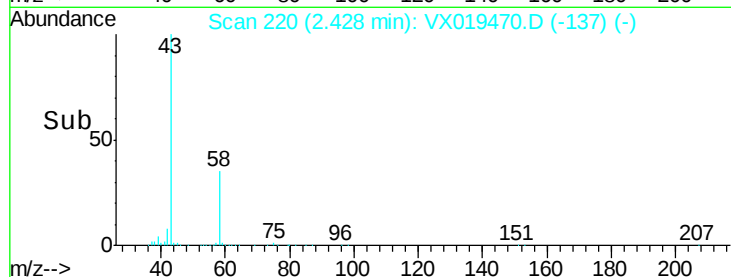
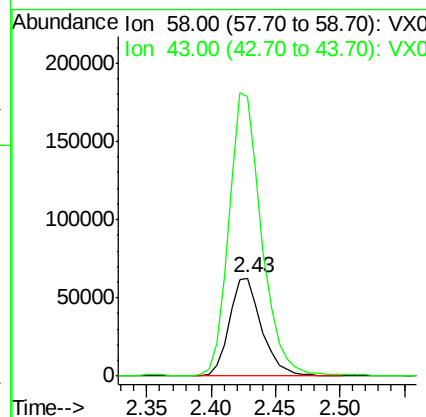
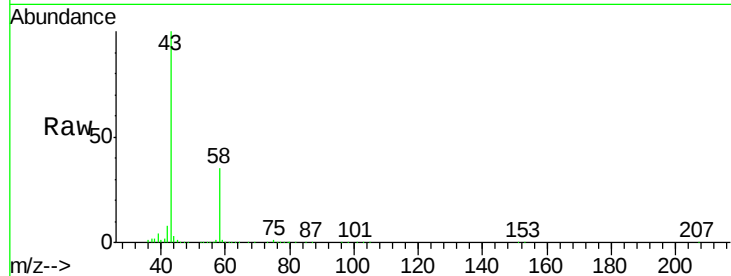
#15
Acetone
Concen: 306.612 ug/l
RT: 2.43 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion: 58 Resp: 110002
Ion Ratio Lower Upper
58 100
43 284.8 236.3 354.5

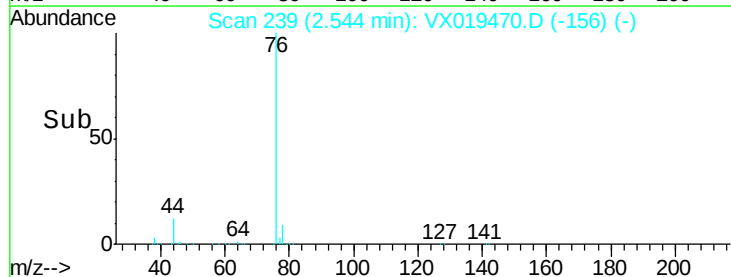
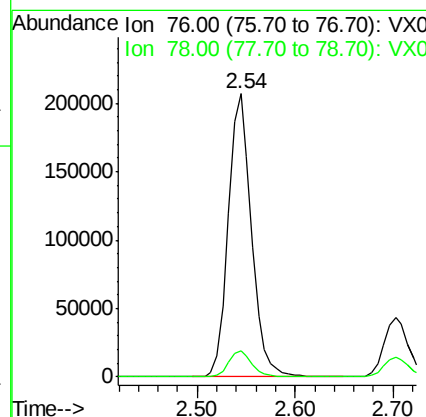
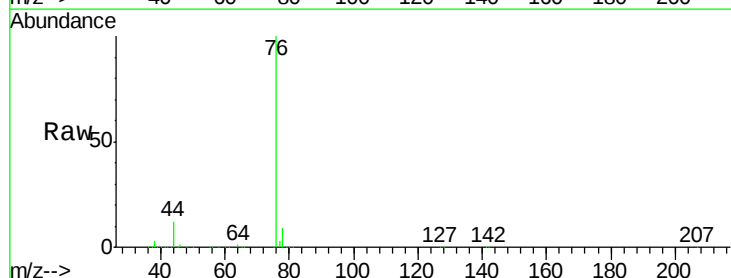
Manual Integrations
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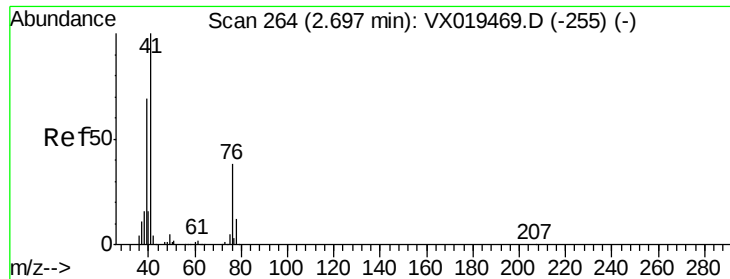
MMDadoda
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#16
Carbon Disulfide
Concen: 49.419 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion: 76 Resp: 340337
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6





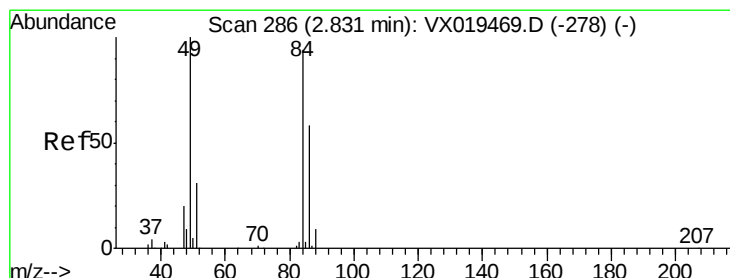
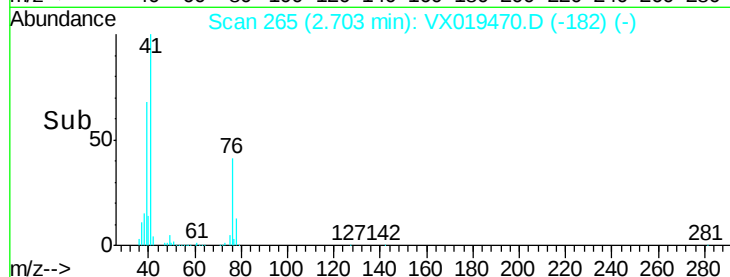
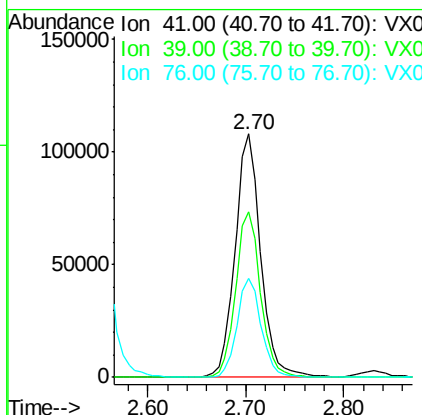
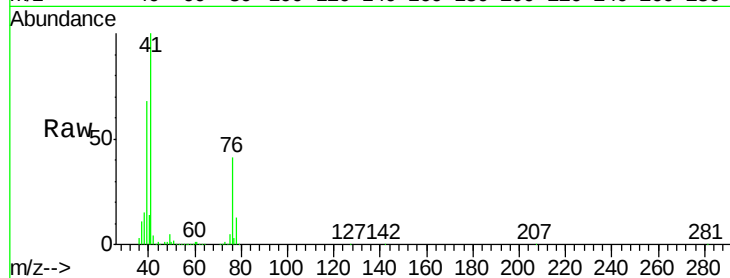
#17
Allvl chloride
Concen: 60.051 ug/l
RT: 2.70 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
41	100	195996		
39	68.0		34.5	103.6
76	40.5		19.3	57.8

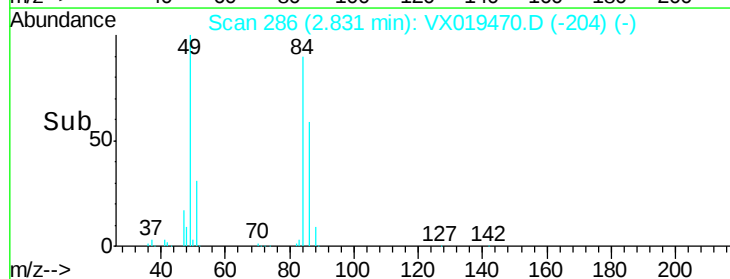
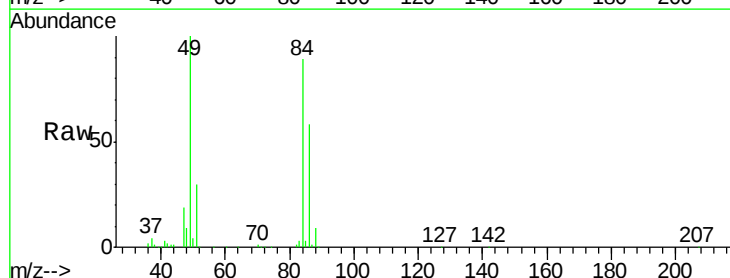
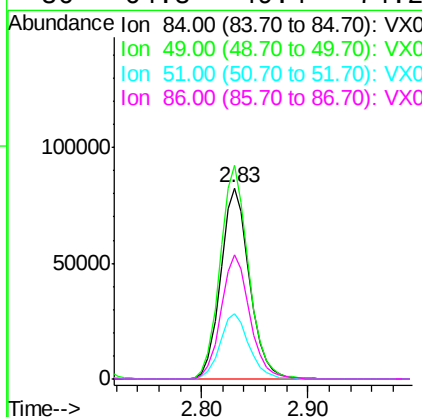
Manual Integrations
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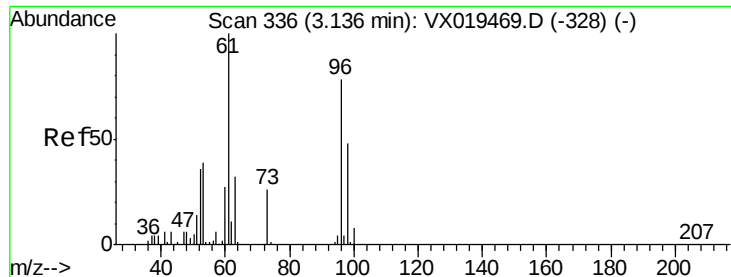
MMDadoda
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#18
Methylene Chloride
Concen: 53.412 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	156071		
49	111.6		85.4	128.0
51	33.8		26.7	40.1
86	64.8		49.4	74.2





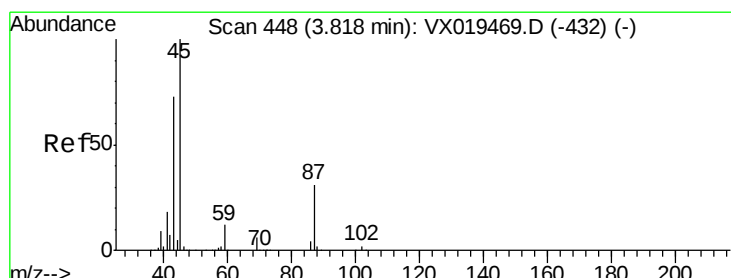
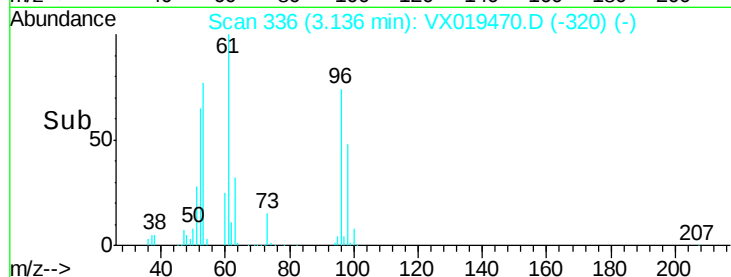
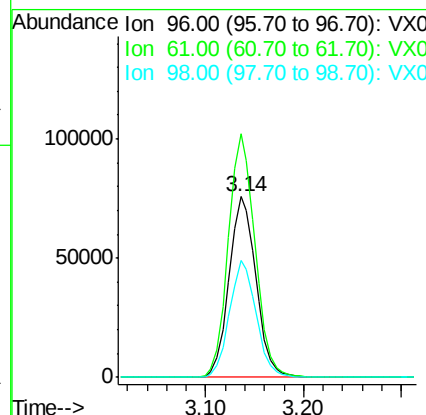
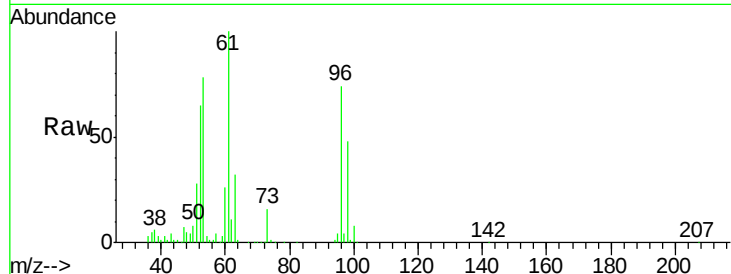
#19
trans-1,2-Dichloroethene
Concen: 49.723 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.6	103.2	154.8
98	64.9	49.2	73.8

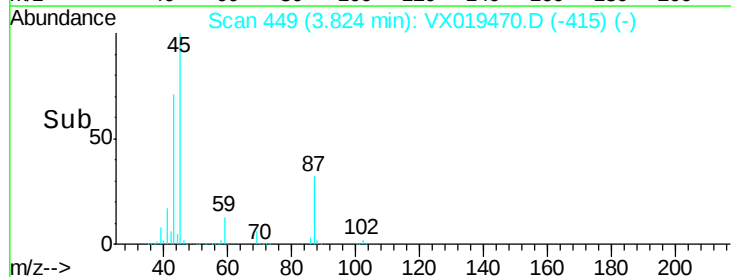
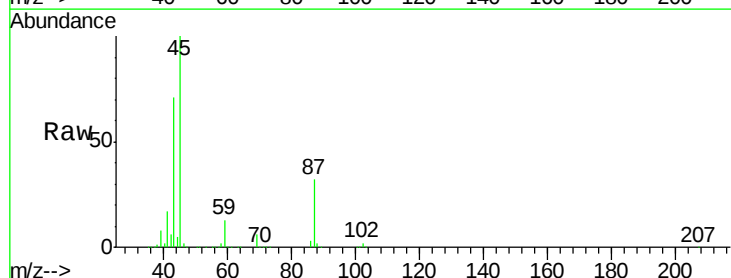
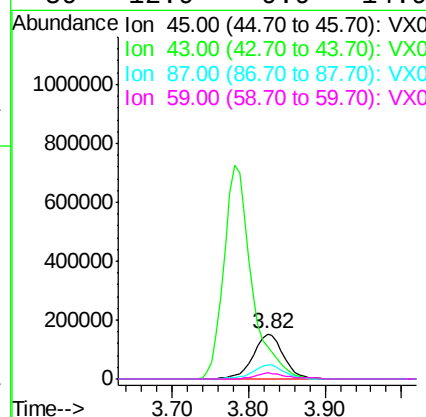
Manual Integrations
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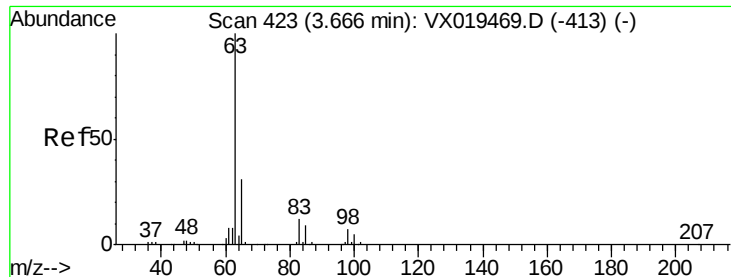
MMDadoda
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#20
Diisopropyl ether
Concen: 62.950 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.01 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.6	58.7	88.1
87	31.8	24.5	36.7
59	12.9	9.9	14.9





#21

1,1-Dichloroethane

Concen: 53.698 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

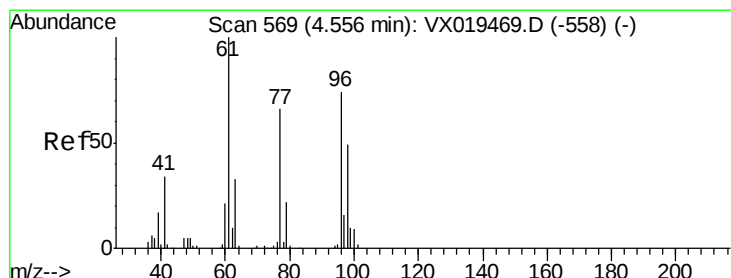
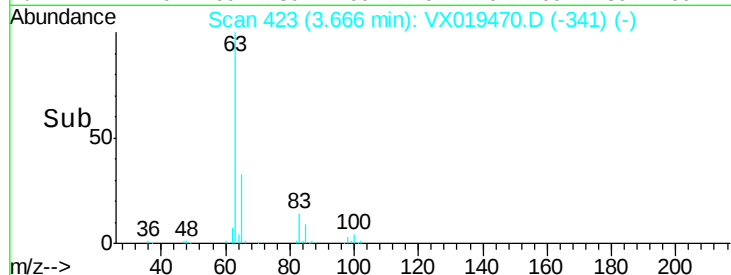
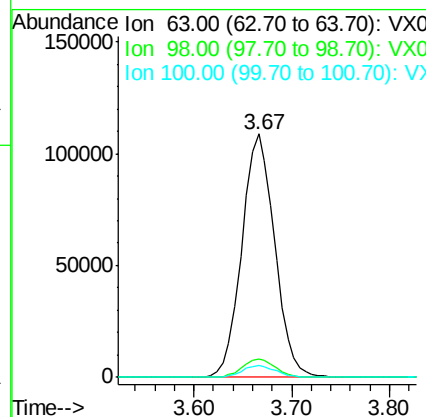
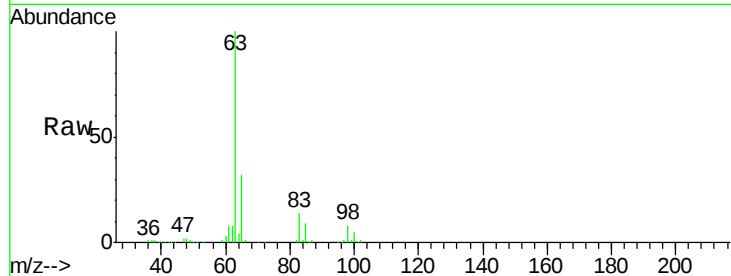
ClientSampleId :

VSTDIC050

Tot Ion:	63	Resp:	254044
Ion Ratio	Lower	Upper	
63	100		
98	7.5	3.8	11.2
100	4.7	2.4	7.1

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 49.658 ug/l

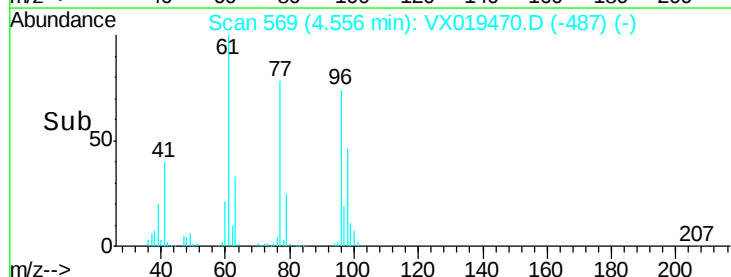
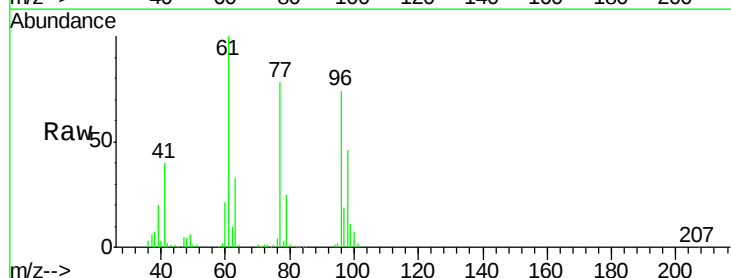
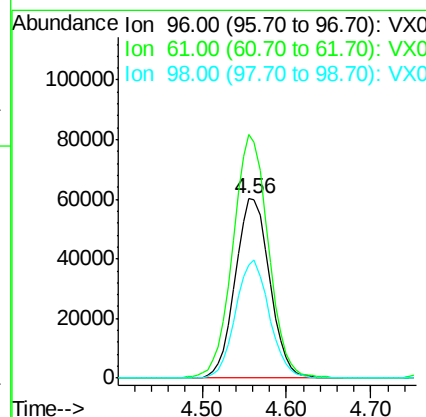
RT: 4.56 min Scan# 569

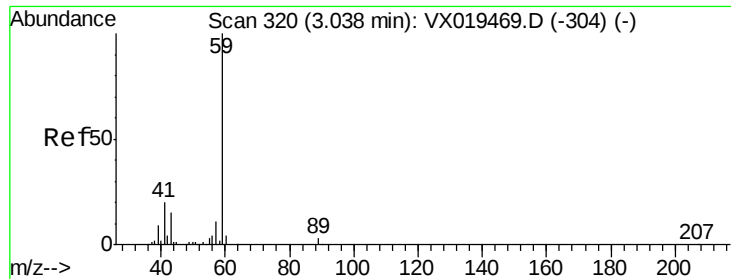
Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Tgt Ion:	96	Resp:	167386
Ion Ratio	Lower	Upper	
96	100		
61	139.5	114.2	171.2
98	64.0	51.7	77.5





#23

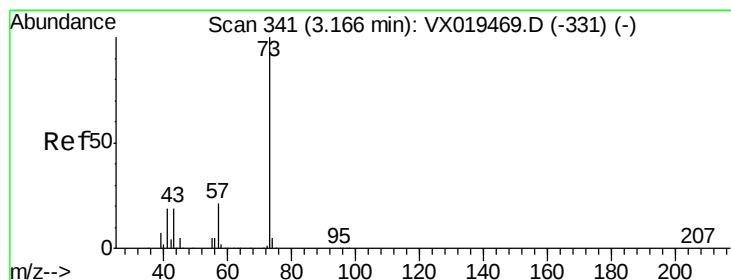
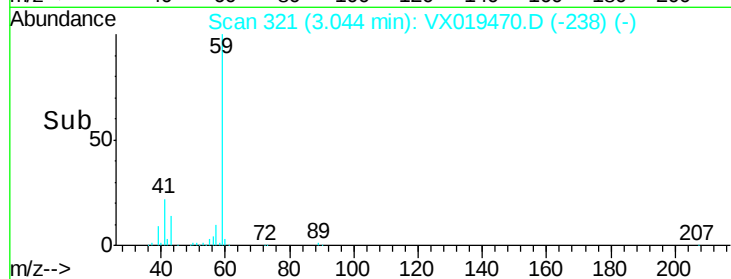
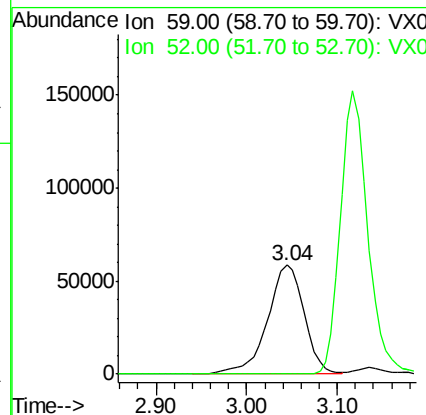
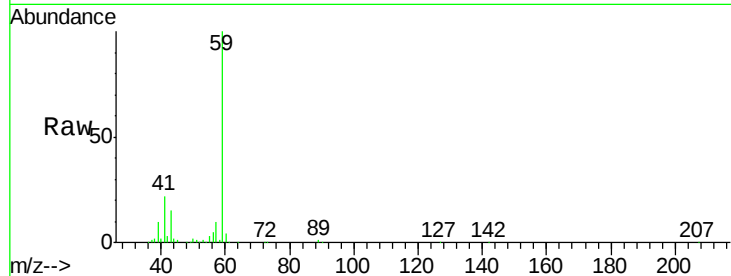
tert-Butyl Alcohol
 Concen: 276.326 ug/l
 RT: 3.04 min Scan# 321
 Delta R.T. 0.01 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2

Manual Integrations
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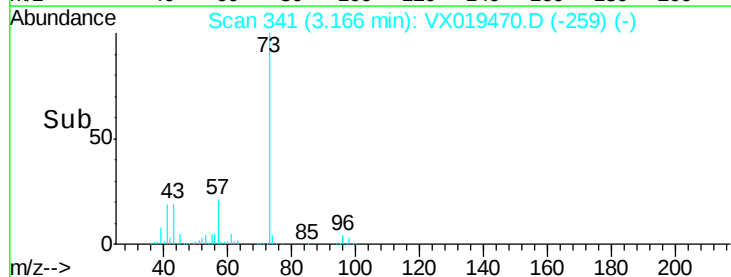
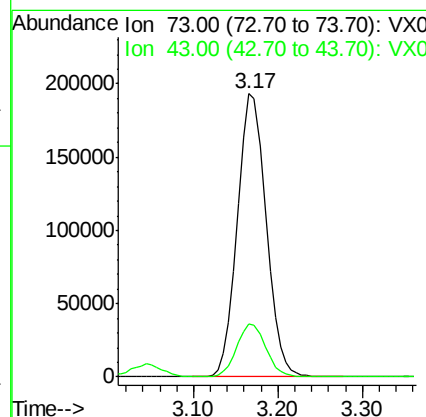
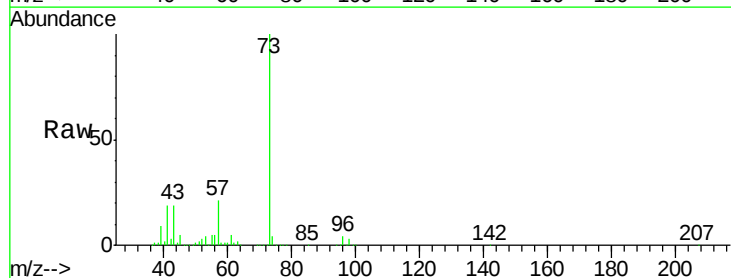
MMDadoda
 11/20/2020 12:25:04 PM

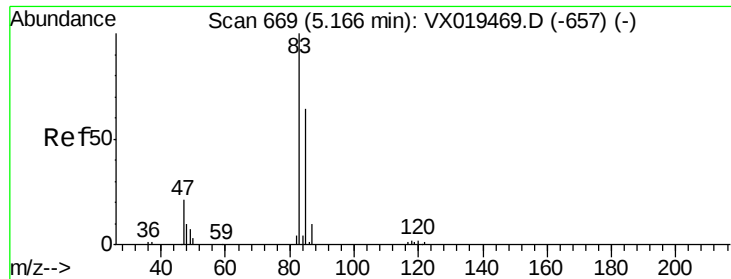


#24

Methyl tert-Butyl Ether
 Concen: 55.394 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Lower	Upper
73	100		
43	18.7	15.0	22.6





#25

Chloroform

Concen: 51.975 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 83 Resp: 269977

Ion Ratio Lower Upper

83 100

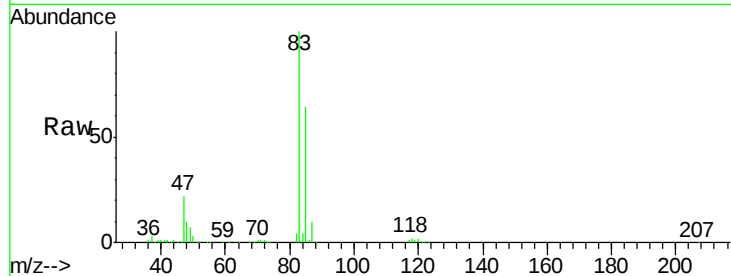
85 63.5 51.4 77.0

Manual Integrations

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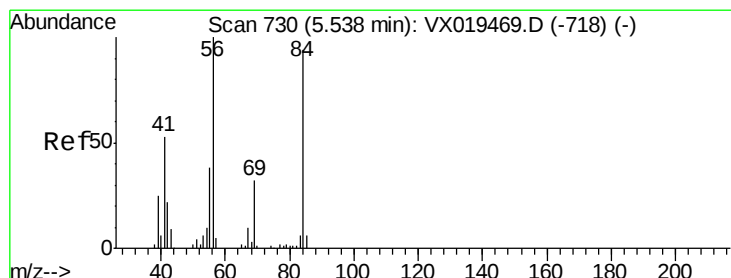
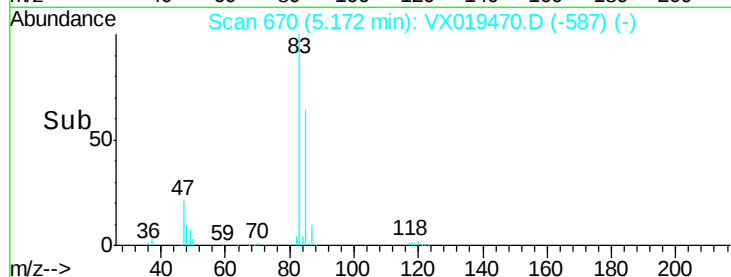
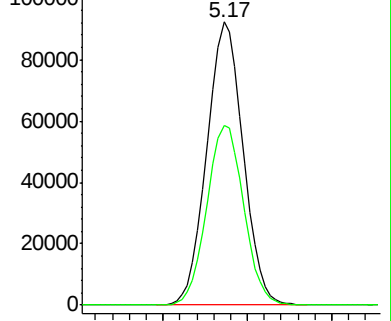
MMDadoda

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 58.316 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

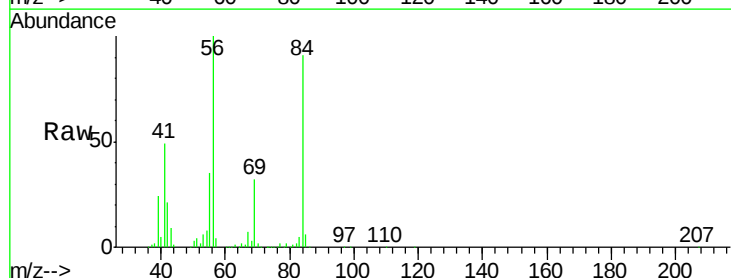
Tgt Ion: 56 Resp: 218622

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

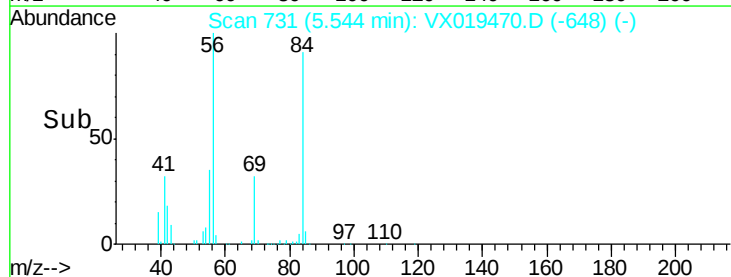
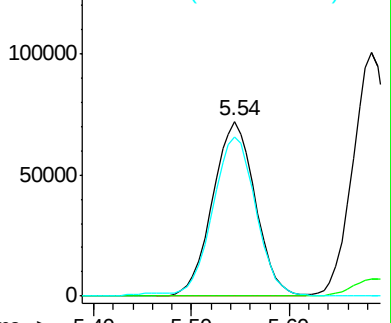
84 92.1 75.2 112.8

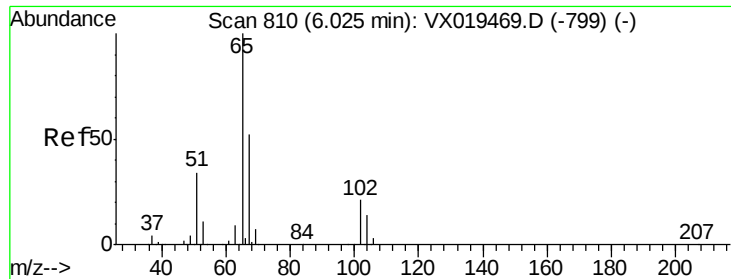


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 31.326 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 65 Resp: 101499

Ion Ratio Lower Upper

65 100

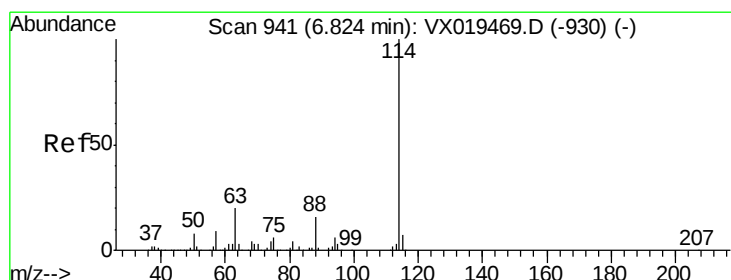
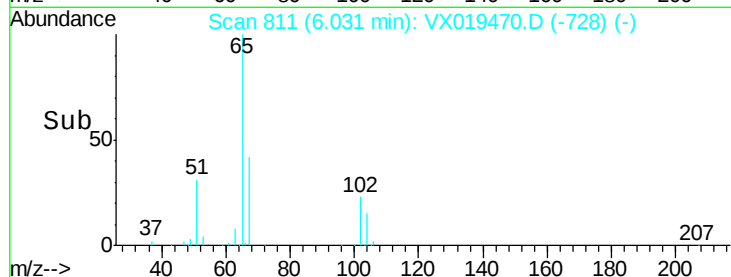
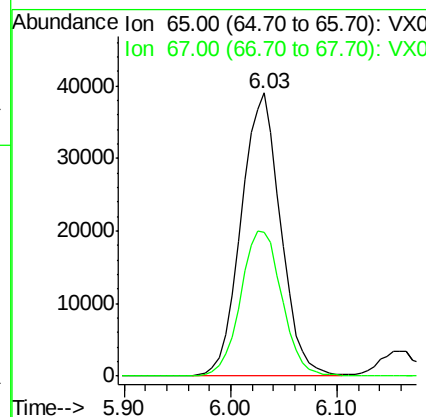
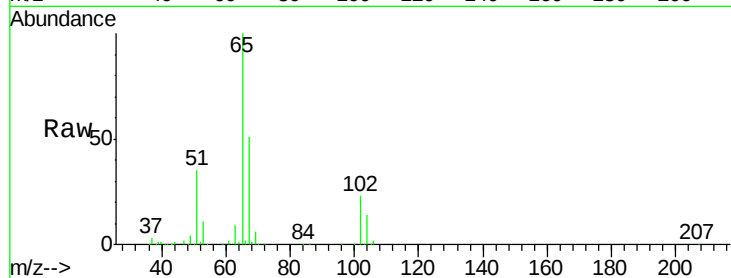
67 53.4 42.2 63.2

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

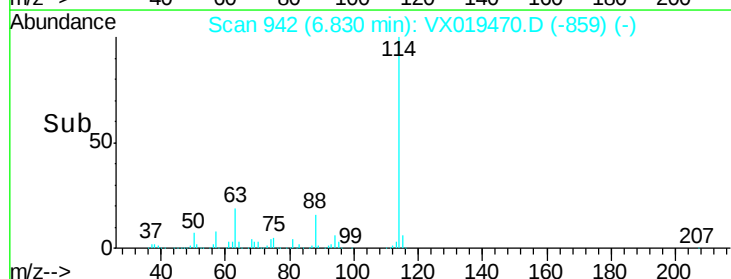
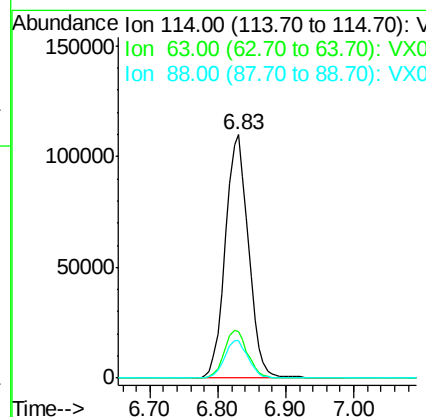
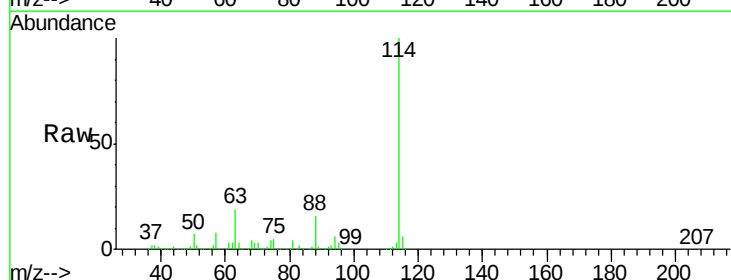
Tgt Ion: 114 Resp: 259466

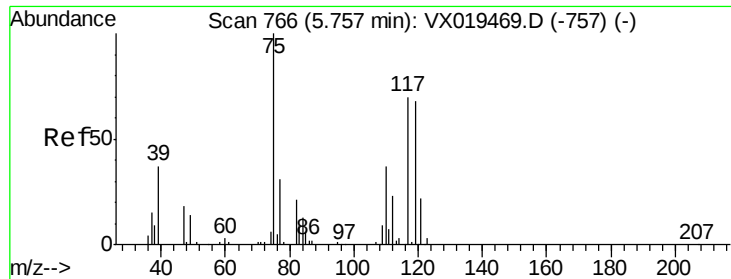
Ion Ratio Lower Upper

114 100

63 19.9 16.2 24.2

88 15.8 12.9 19.3





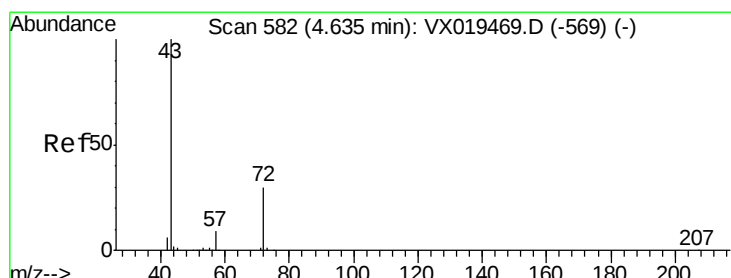
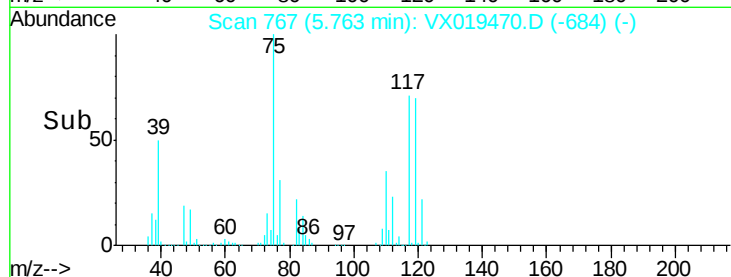
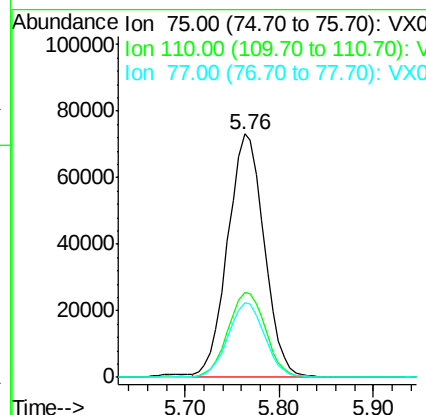
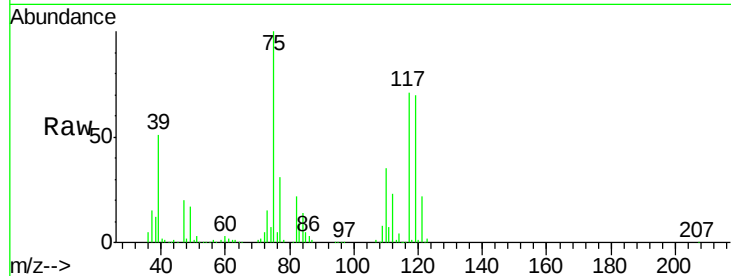
#29
 1,1-Dichloropropene
 Concen: 52.055 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	35.9	0.0	74.0
77	30.8	0.0	63.6

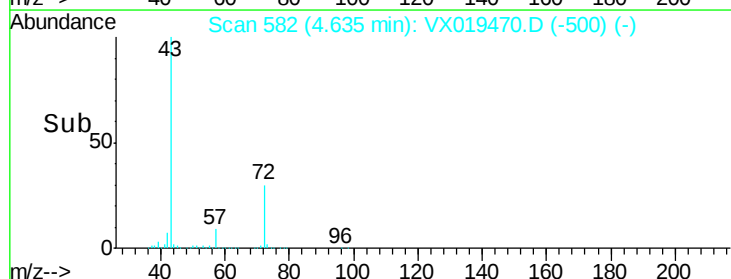
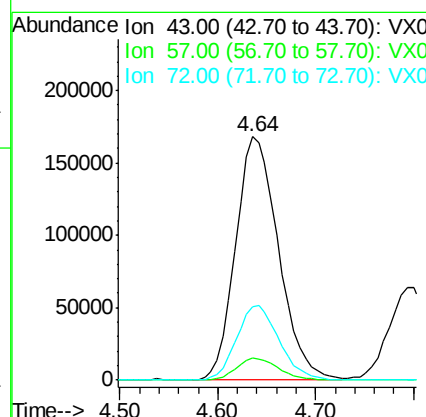
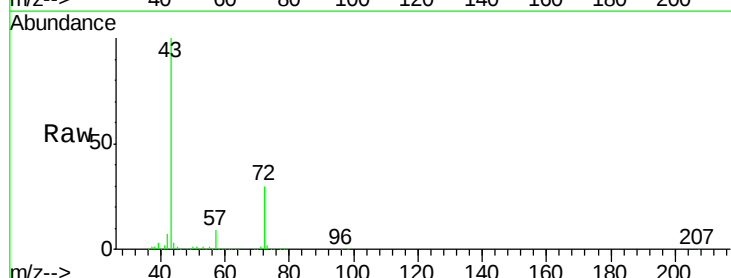
Manual Integrations
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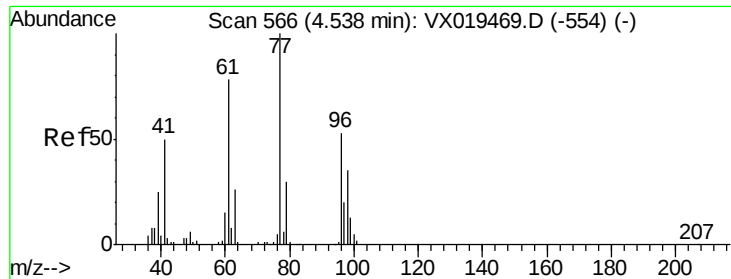
MMDadoda
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#30
 2-Butanone
 Concen: 315.083 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	9.1	7.4	11.0
72	30.7	24.2	36.2





#31

2,2-Dichloropropane

Concen: 50.806 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 77 Resp: 220944

Ion Ratio Lower Upper

77 100

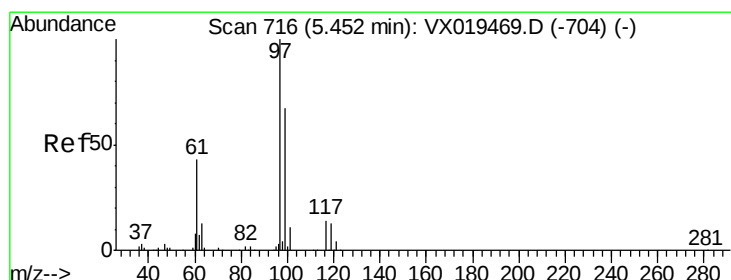
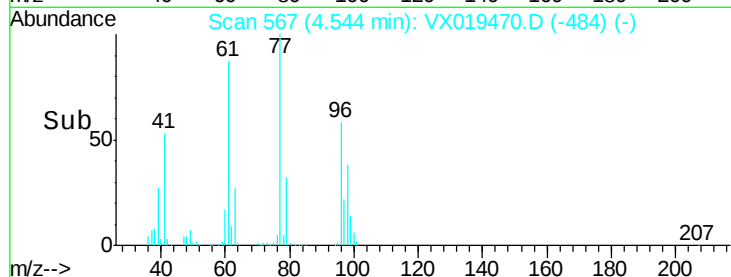
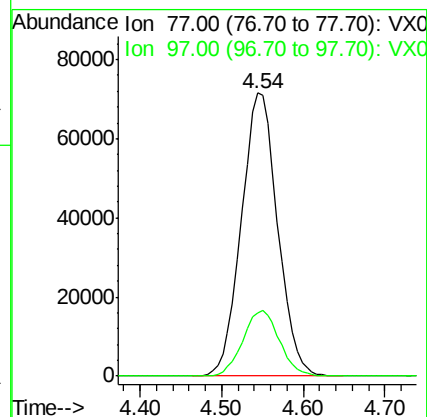
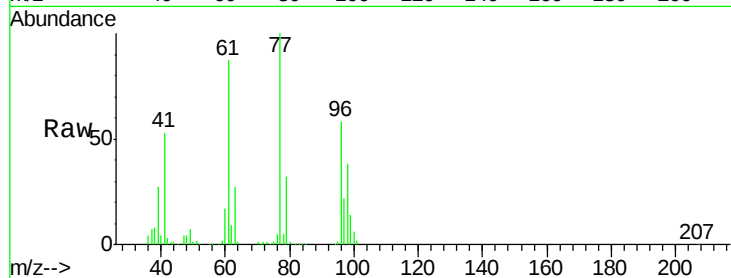
97 23.3 18.6 27.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 50.535 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

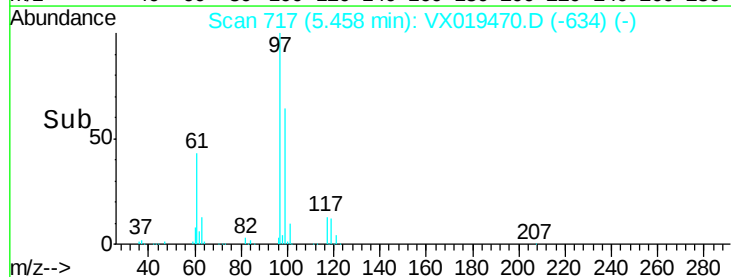
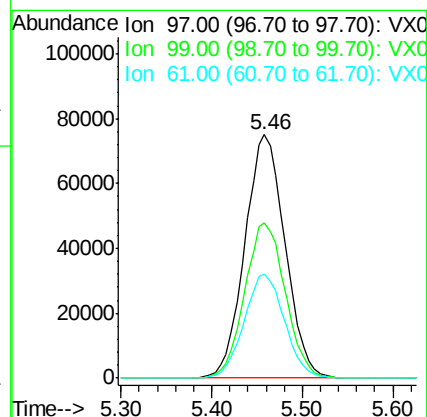
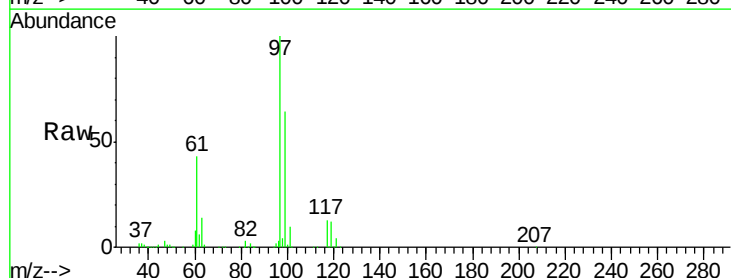
Tgt Ion: 97 Resp: 230417

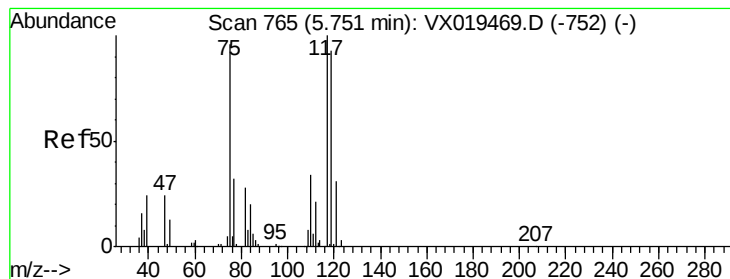
Ion Ratio Lower Upper

97 100

99 64.4 52.3 78.5

61 42.9 34.9 52.3





#33

Carbon Tetrachloride

Concen: 50.544 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

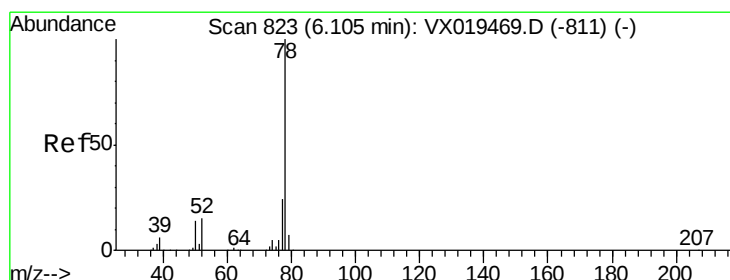
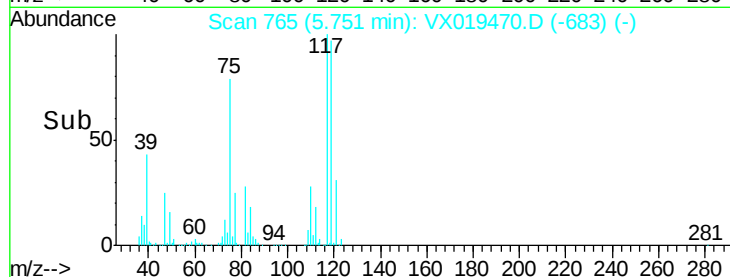
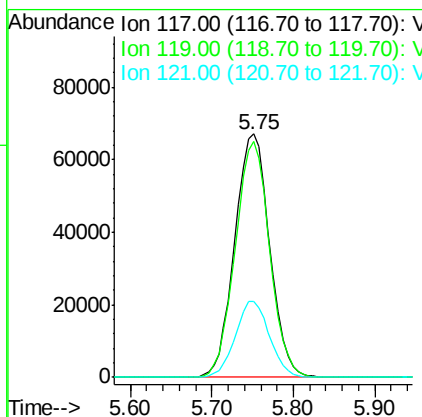
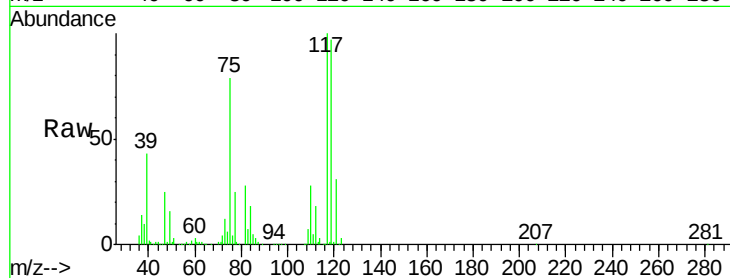
ClientSampleId :

VSTDIC050

Tot Ion:	117	Resp:	199437
Ion Ratio	Lower	Upper	
117	100		
119	96.9	74.2	111.4
121	31.0	25.0	37.4

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#34

Benzene

Concen: 53.959 ug/l

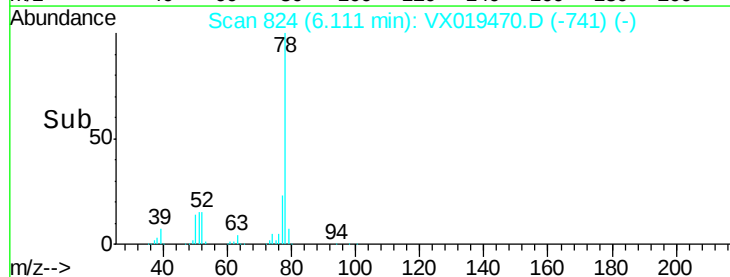
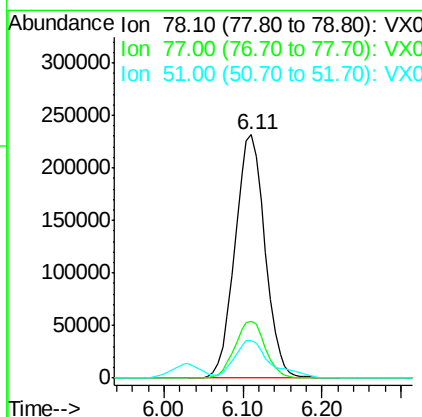
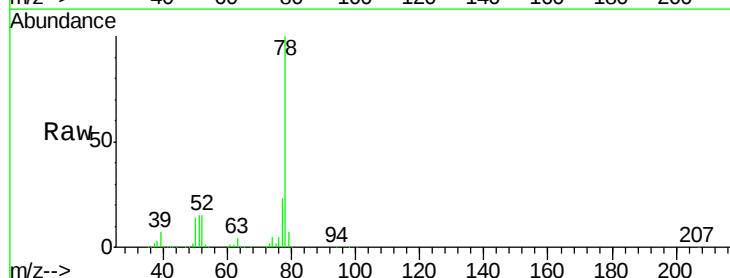
RT: 6.11 min Scan# 824

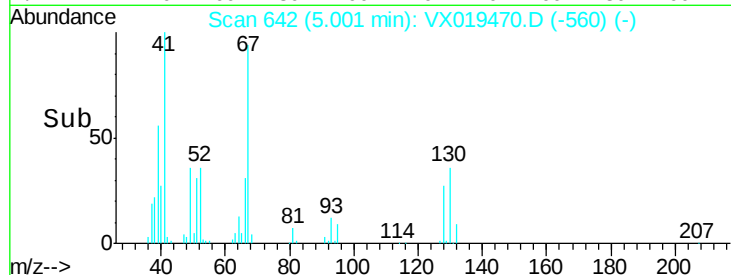
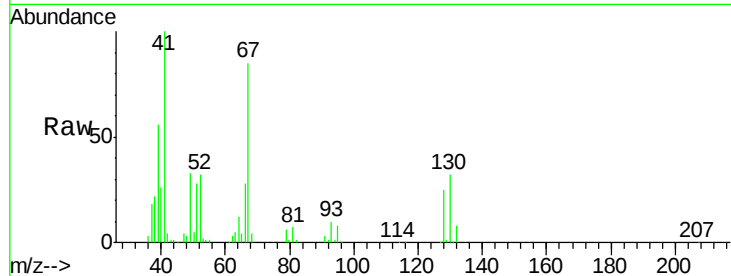
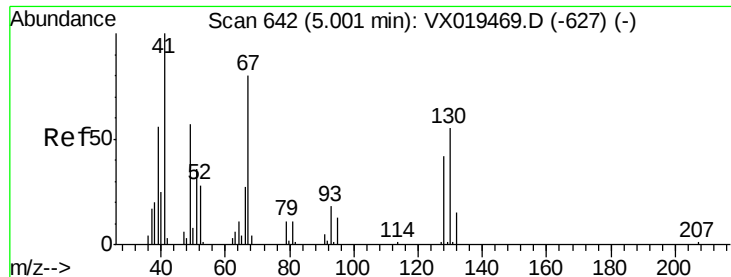
Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Tgt Ion:	78	Resp:	613826
Ion Ratio	Lower	Upper	
78	100		
77	23.4	19.0	28.6
51	15.4	12.7	19.1





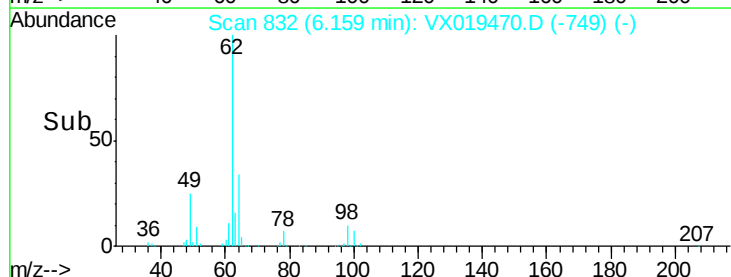
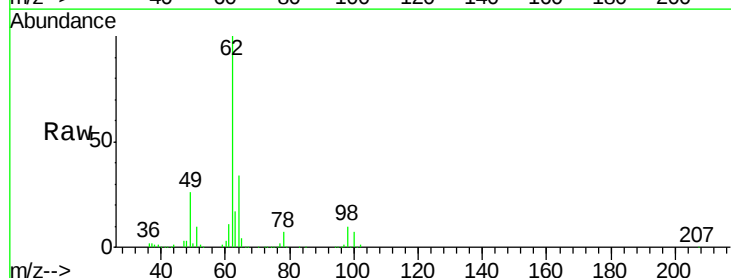
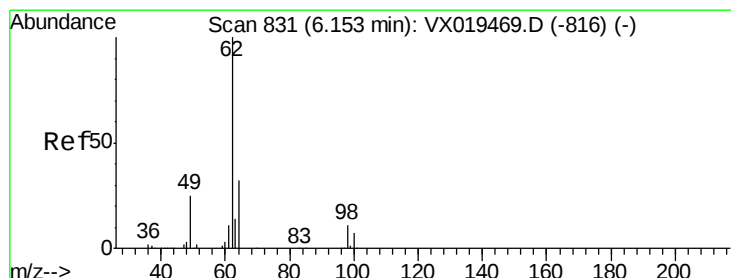
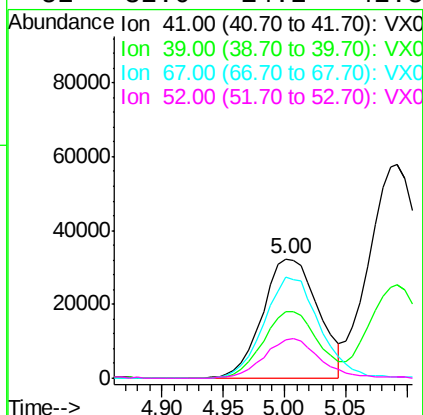
#35
Methacrylonitrile
Concen: 60.132 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.7	28.0	84.0		
67	84.9	40.0	119.9		
52	32.0	14.2	42.8		

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

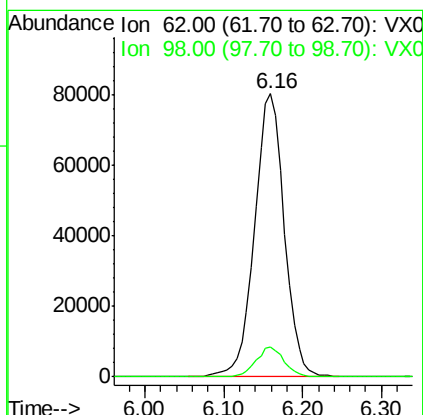
Manual Integrations
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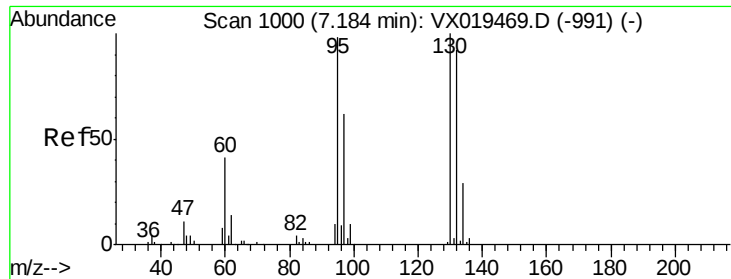
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#36
1,2-Dichloroethane
Concen: 53.879 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.0	8.1	12.1		





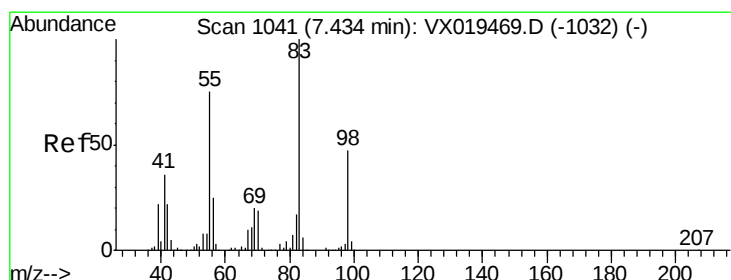
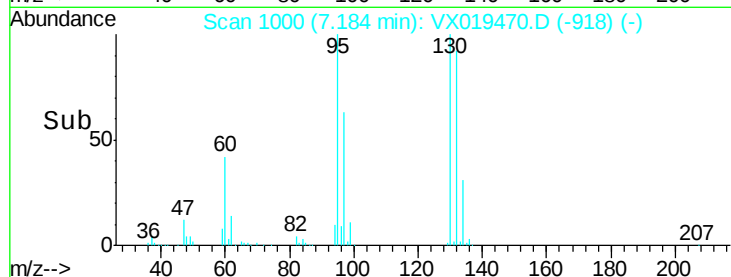
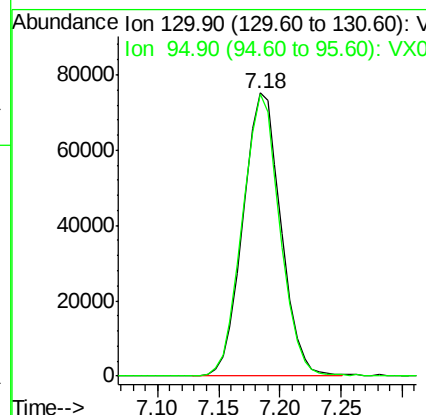
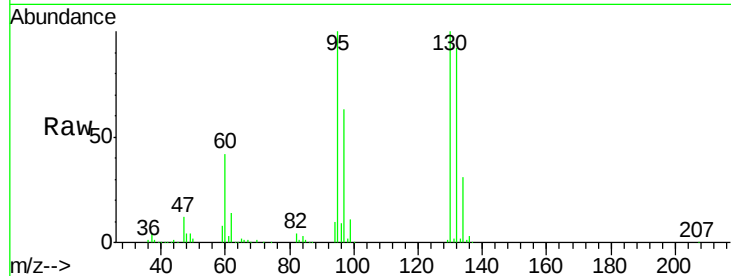
#37
 Trichloroethene
 Concen: 50.195 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion:130 Resp: 161677
 Ion Ratio Lower Upper
 130 100
 95 99.6 78.8 118.2

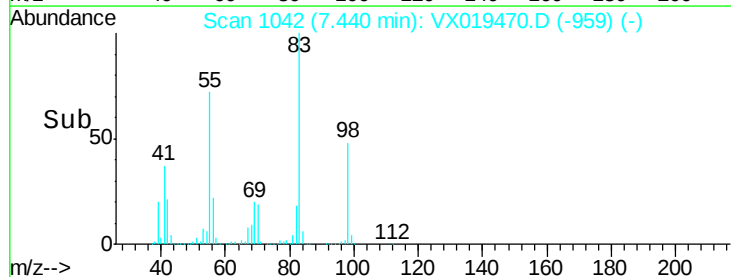
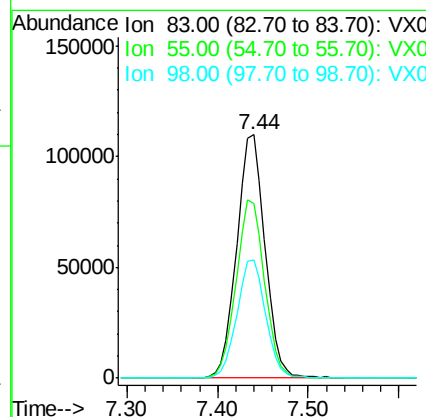
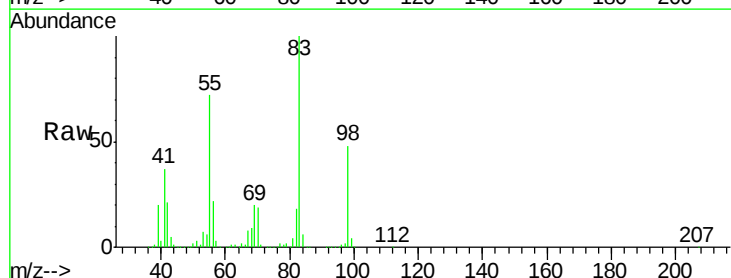
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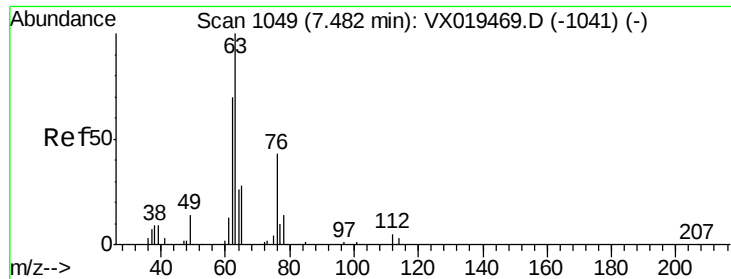
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#38
 Methylcyclohexane
 Concen: 55.077 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion: 83 Resp: 238664
 Ion Ratio Lower Upper
 83 100
 55 73.3 37.7 113.1
 98 49.4 24.7 74.1





#39

1,2-Dichloropropane

Concen: 56.008 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 63 Resp: 150809

Ion Ratio Lower Upper

63 100

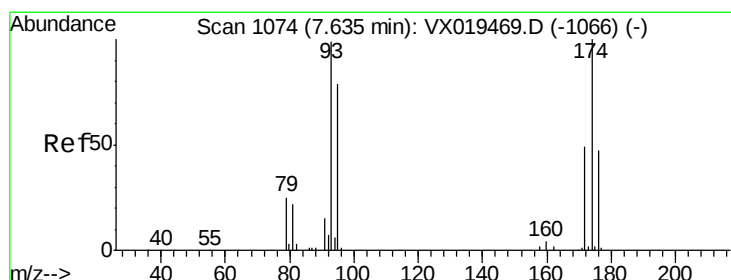
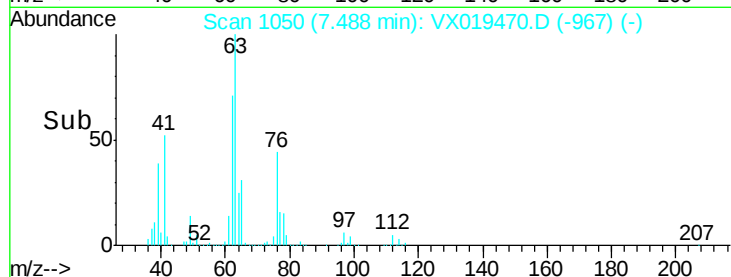
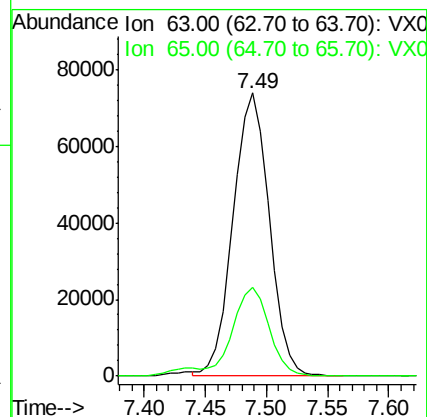
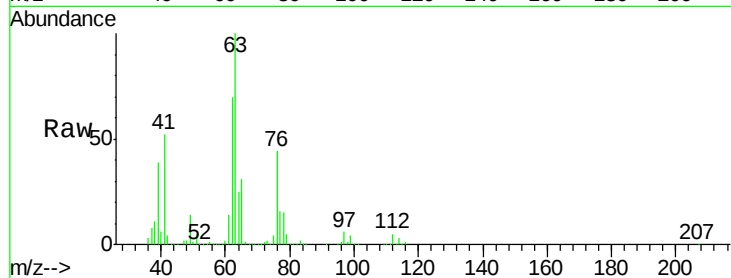
65 31.4 24.8 37.2

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#40

Dibromomethane

Concen: 51.908 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

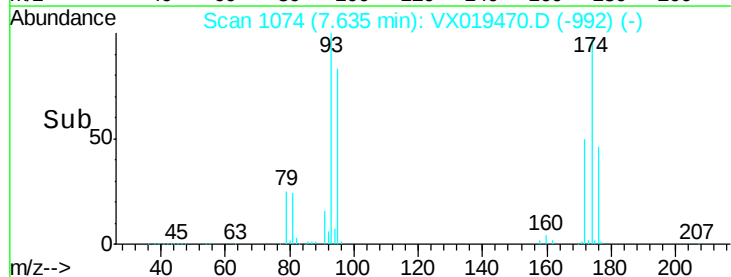
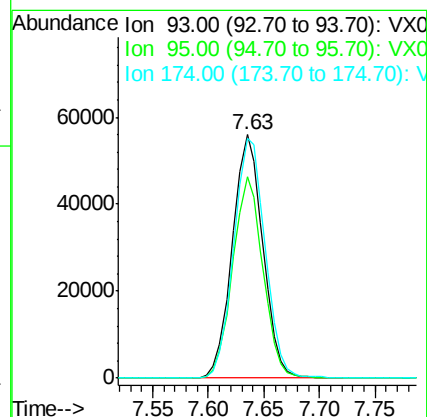
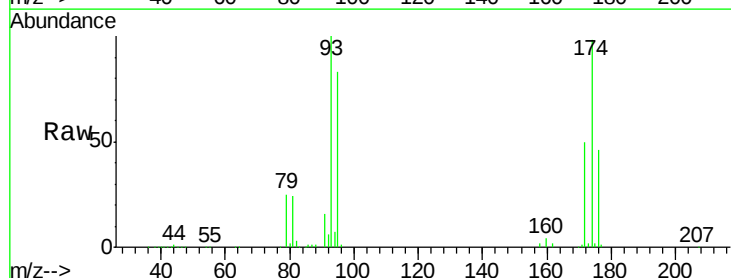
Tgt Ion: 93 Resp: 106077

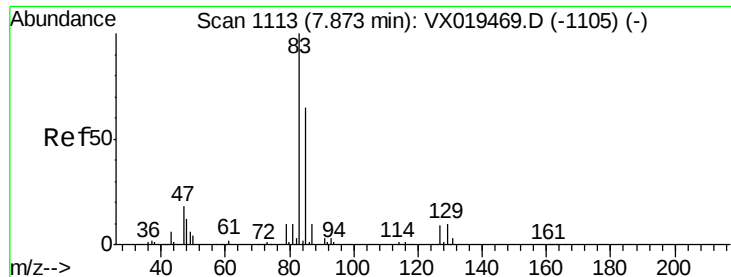
Ion Ratio Lower Upper

93 100

95 82.3 0.0 162.4

174 101.4 0.0 198.8





#41

Bromodichloromethane

Concen: 52.560 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

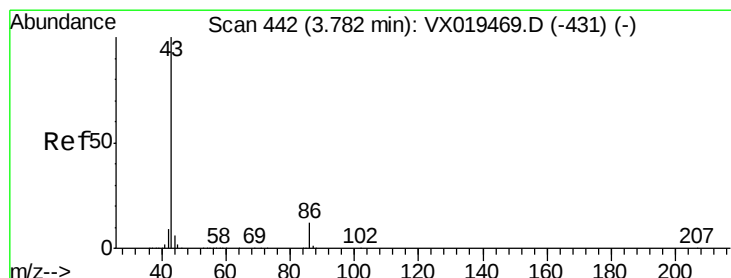
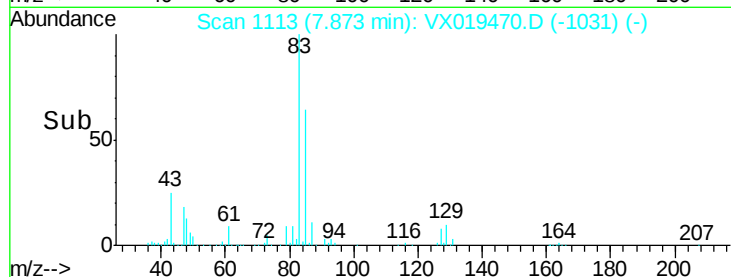
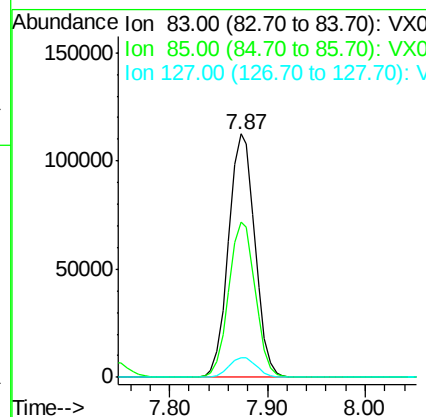
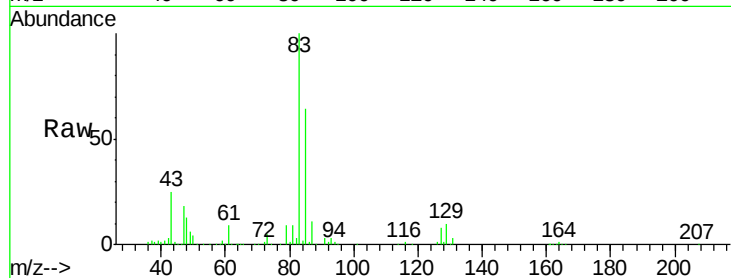
ClientSampleId :

VSTDIC050

Tot Ion:	83	Resp:	210671
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.7	77.5
127	8.1	7.0	10.6

Manual Integrations
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#42

Vinyl Acetate

Concen: 300.813 ug/l

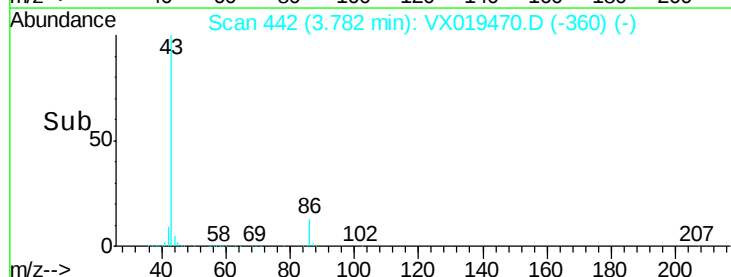
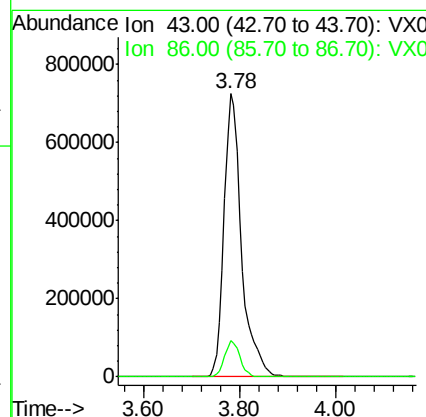
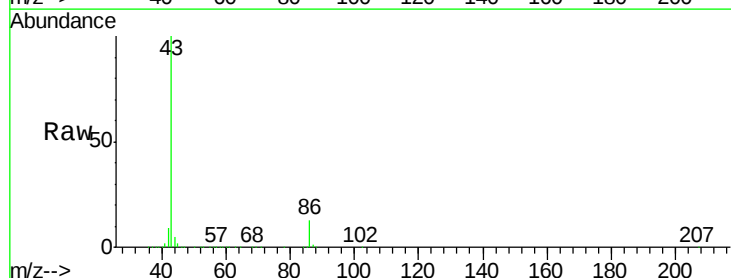
RT: 3.78 min Scan# 442

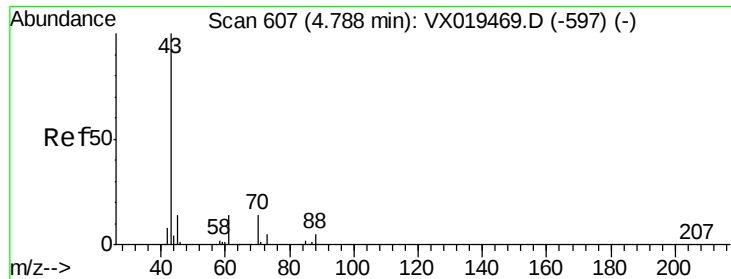
Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Tgt Ion:	43	Resp:	1833850
Ion Ratio	Lower	Upper	
43	100		
86	11.3	8.8	13.2





#43

Ethyl Acetate

Concen: 58.455 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 43 Resp: 192283

Ion Ratio Lower Upper

43 100

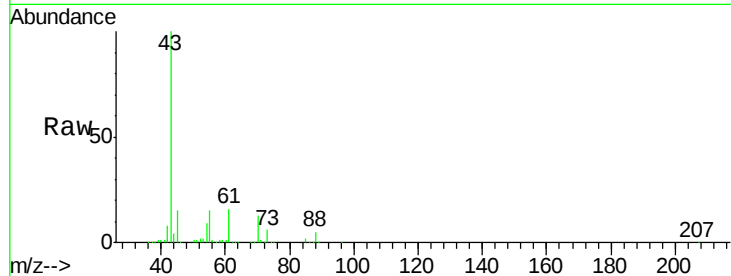
45 15.5 12.9 19.3

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

150000

100000

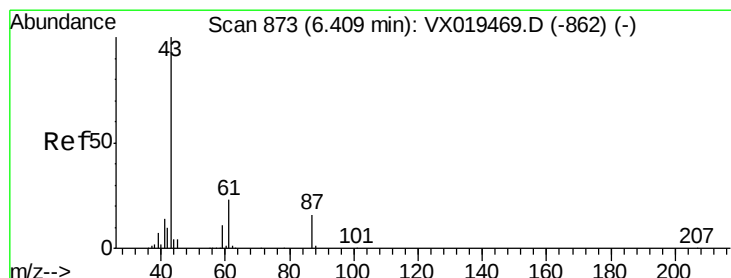
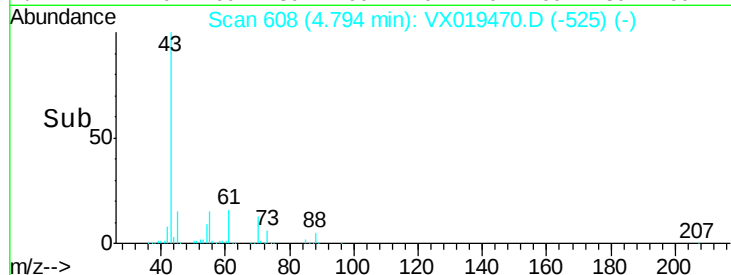
50000

0

4.79

4.70 4.80 4.90

Time-->



#44

Isopropyl Acetate

Concen: 57.334 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019470.D

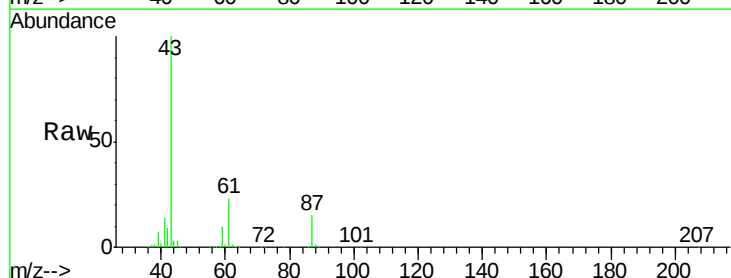
Acq: 19 Nov 2020 16:58

Tgt Ion: 43 Resp: 314185

Ion Ratio Lower Upper

43 100

61 23.1 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

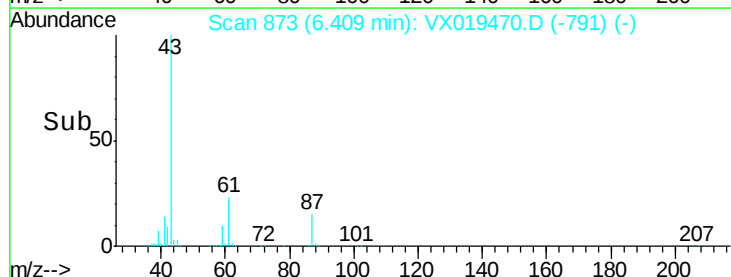
50000

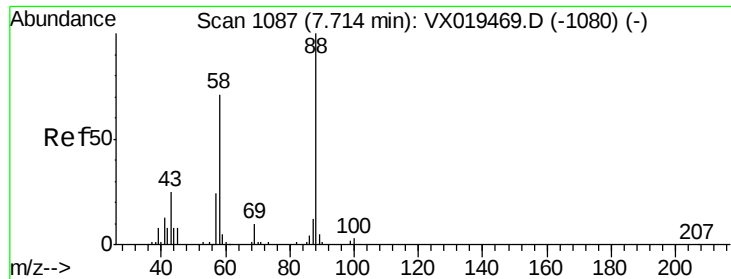
0

6.41

6.30 6.40 6.50

Time-->





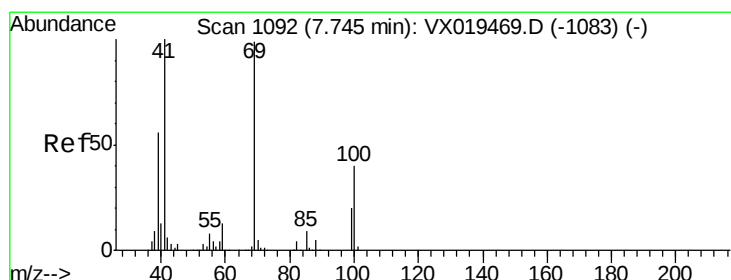
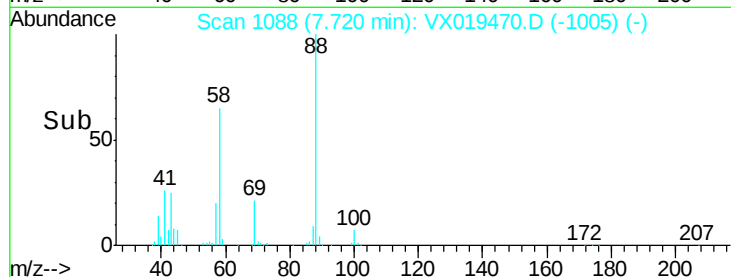
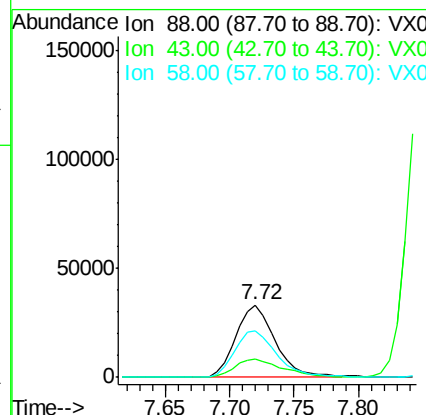
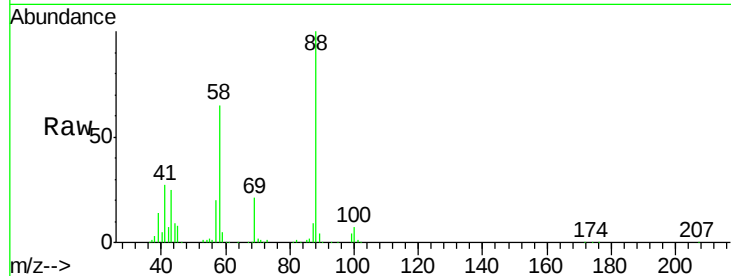
#45
 1,4-Dioxane
 Concen: 1217.815 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.8	24.2	36.4
58	69.1	56.6	84.8

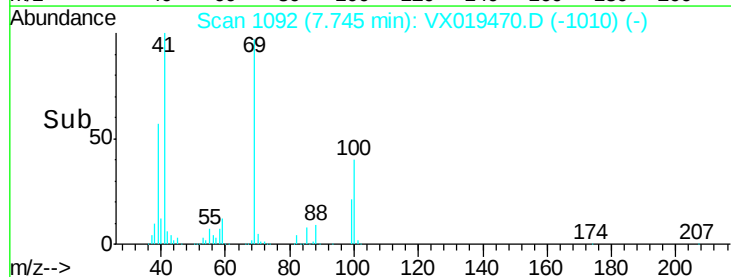
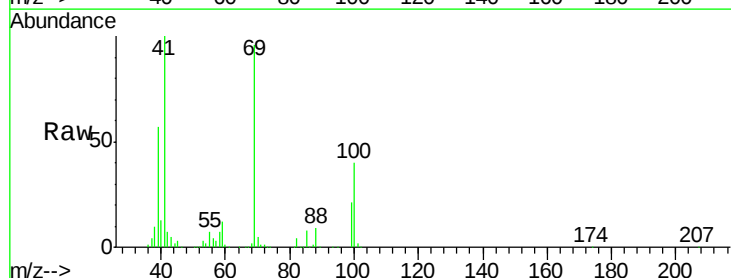
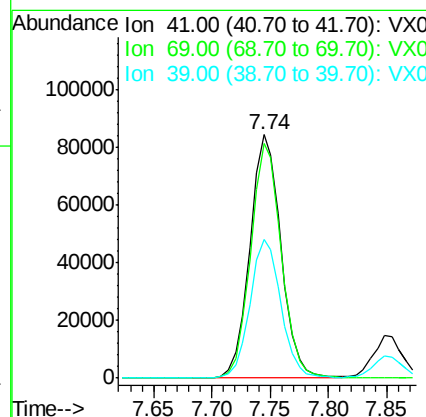
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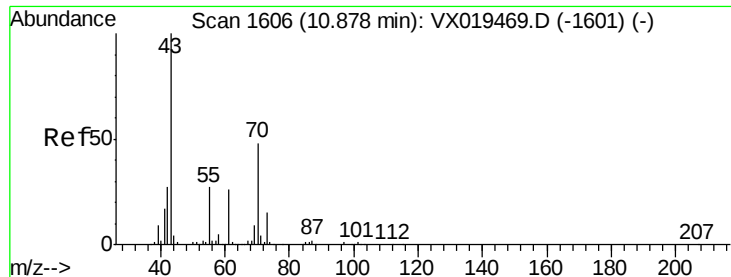
MMDadoda
 11/20/2020 12:25:04 PM



#46
 Methyl methacrylate
 Concen: 60.305 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Lower	Upper
41	100		
69	96.5	49.7	149.1
39	56.9	28.1	84.4





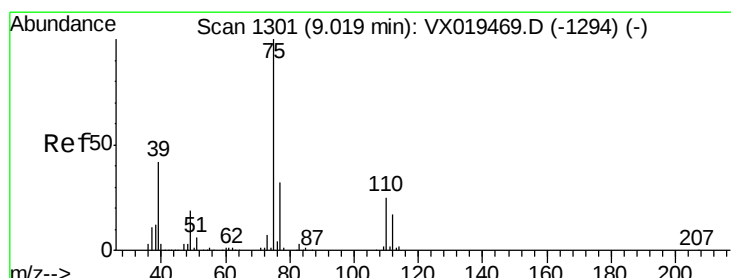
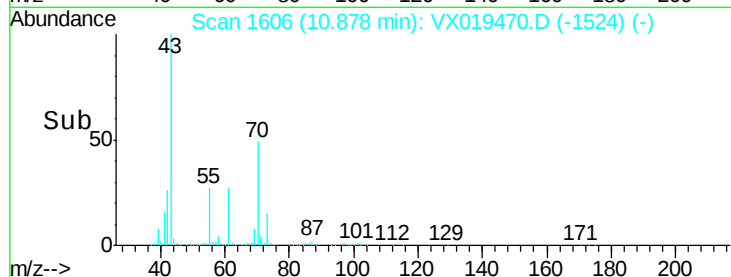
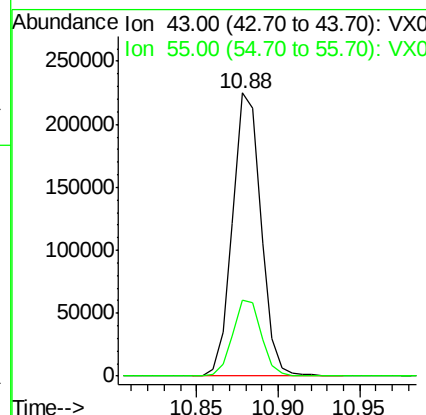
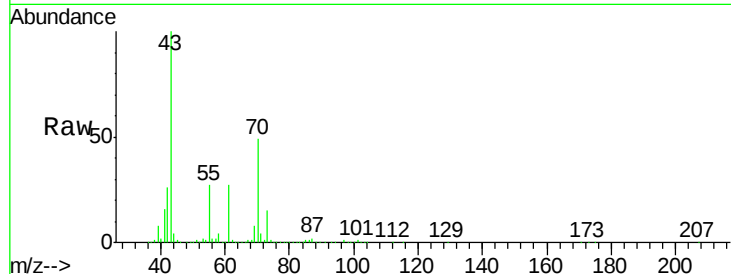
#47
n-amvl Acetate
Concen: 61.903 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion: 43 Resp: 273313
Ion Ratio Lower Upper
43 100
55 27.4 22.8 34.2

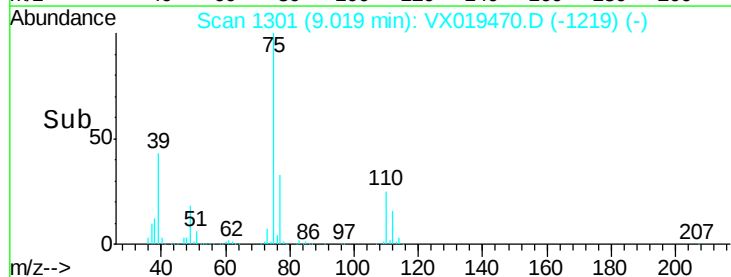
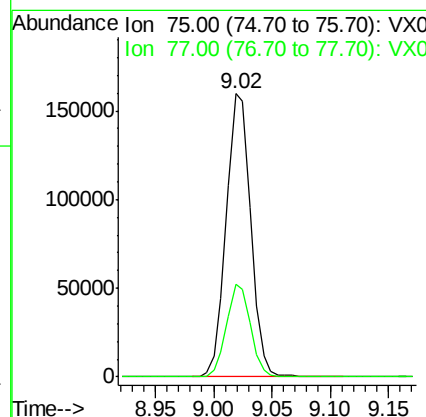
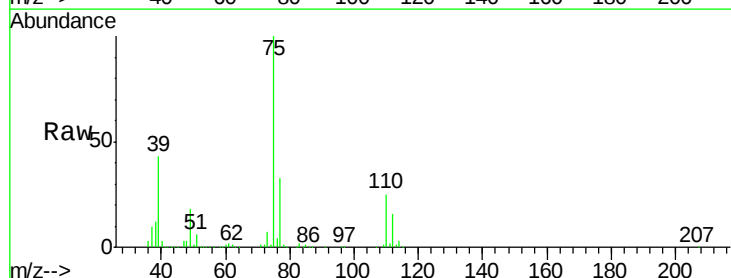
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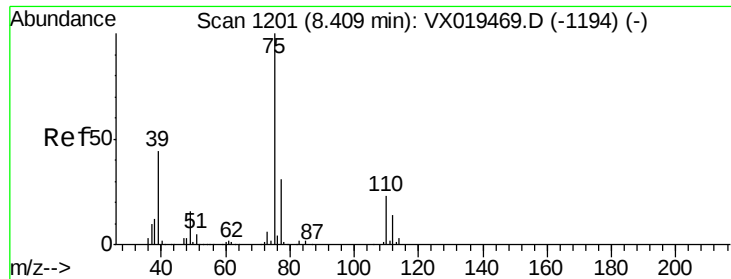
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 52.224 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion: 75 Resp: 232747
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.2





#49

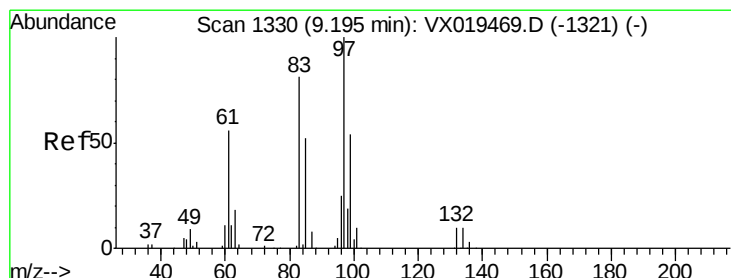
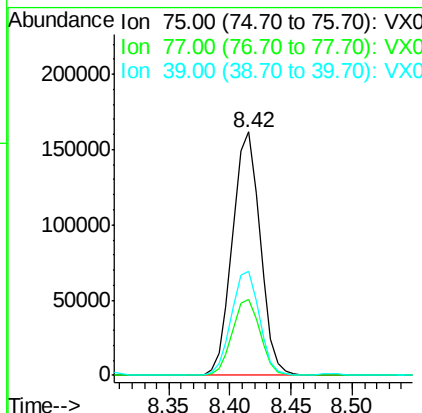
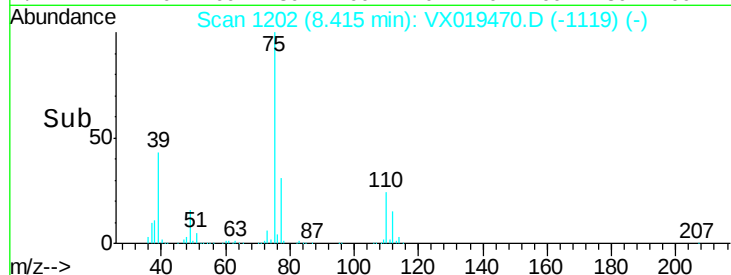
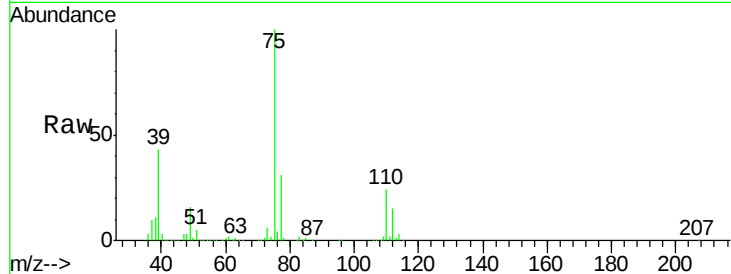
cis-1,3-Dichloropropene
 Concen: 53.322 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.7	37.1
39	42.9	35.3	52.9

Manual Integrations
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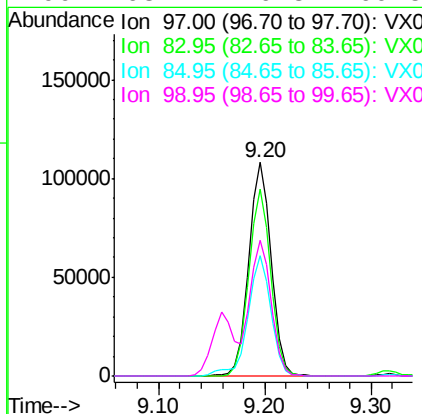
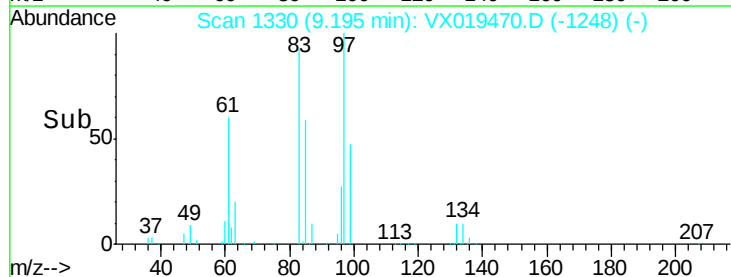
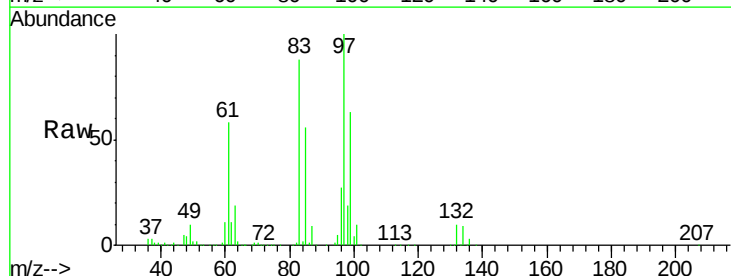
MMDadoda
 11/20/2020 12:25:04 PM

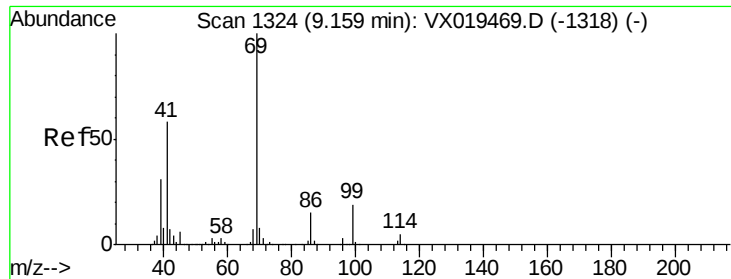


#50

1,1,2-Trichloroethane
 Concen: 53.483 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.6	64.8	97.2
85	56.4	41.8	62.8
99	63.2	46.3	69.5





#51

Ethyl methacrylate

Concen: 54.877 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

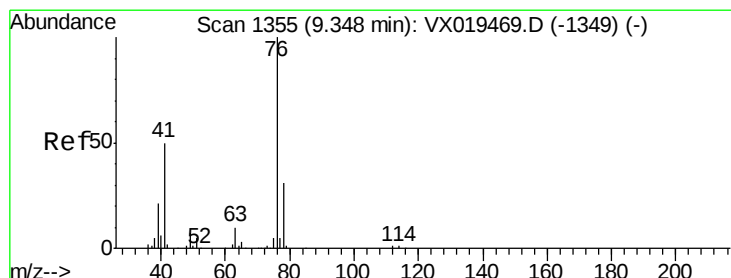
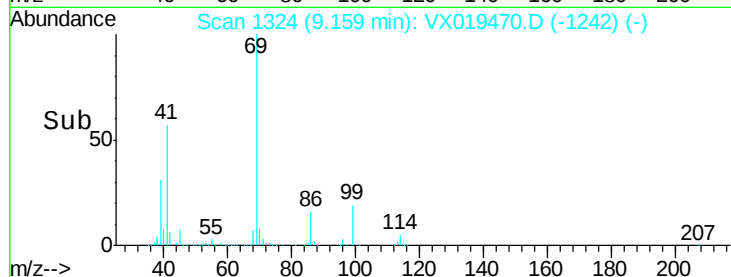
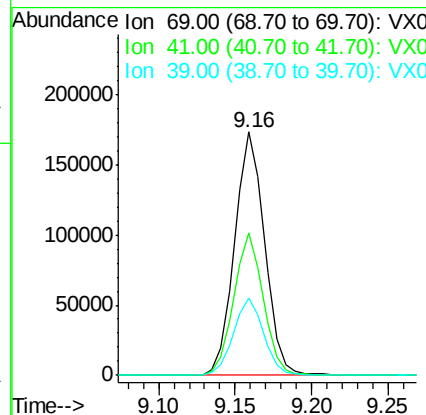
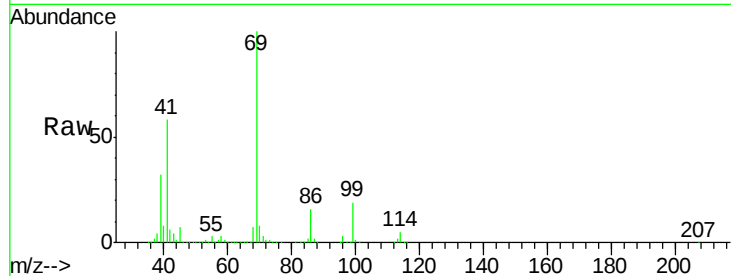
ClientSampleId :

VSTDIC050

Tot Ion:	69	Resp:	235349
Ion	Ratio	Lower	Upper
69	100		
41	58.2	29.0	87.1
39	31.9	15.4	46.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 55.373 ug/l

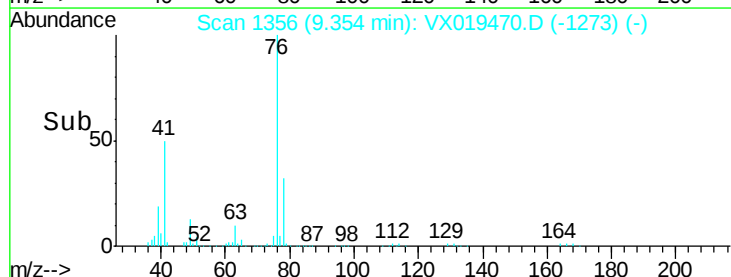
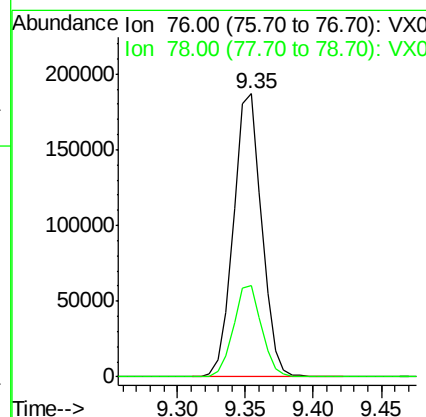
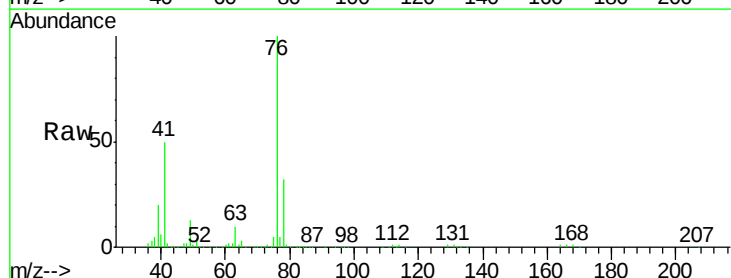
RT: 9.35 min Scan# 1356

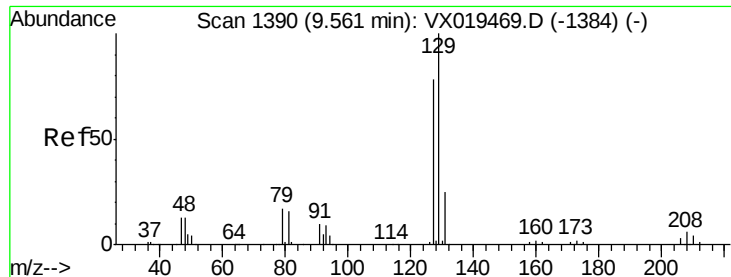
Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Tgt Ion:	76	Resp:	269775
Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	63.4





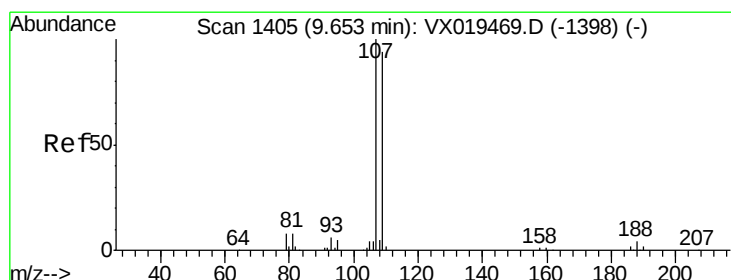
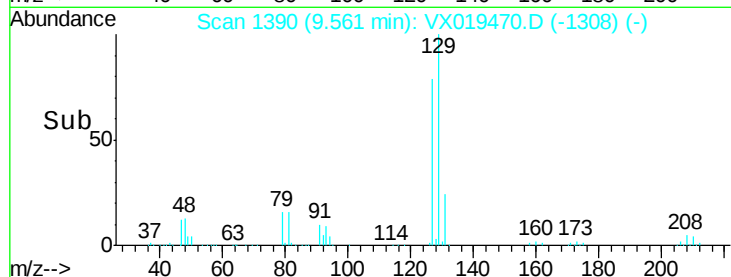
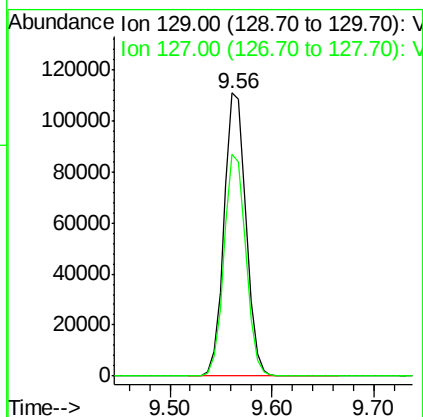
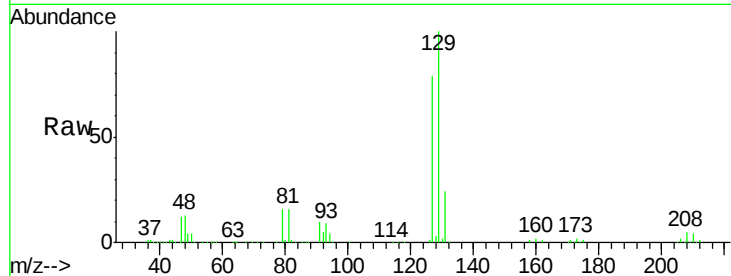
#53
Dibromochloromethane
Concen: 50.597 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion:129 Resp: 164569
Ion Ratio Lower Upper
129 100
127 78.1 38.0 114.1

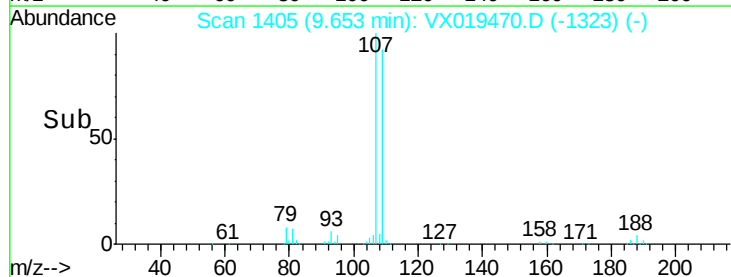
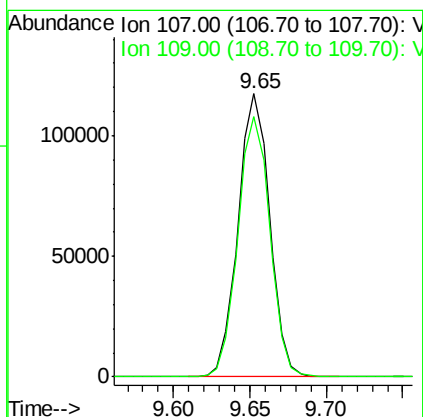
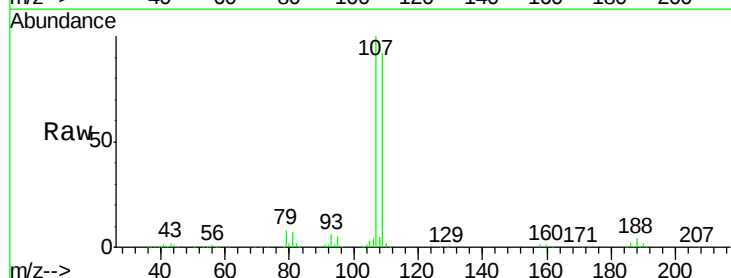
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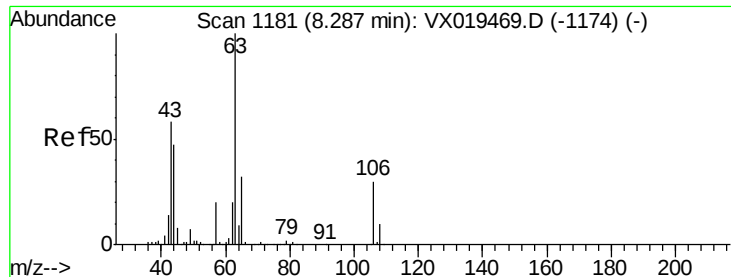
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#54
1,2-Dibromoethane
Concen: 52.591 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion:107 Resp: 168736
Ion Ratio Lower Upper
107 100
109 93.0 74.2 111.4





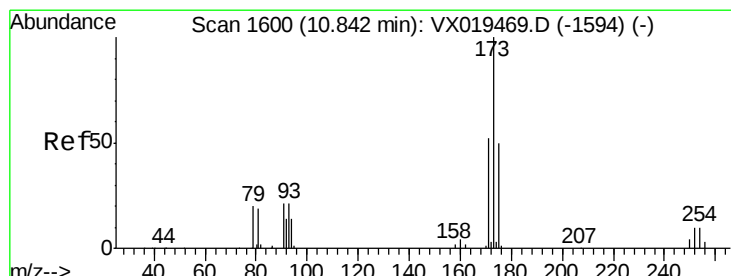
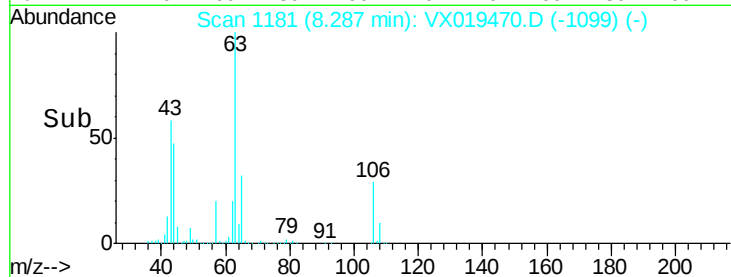
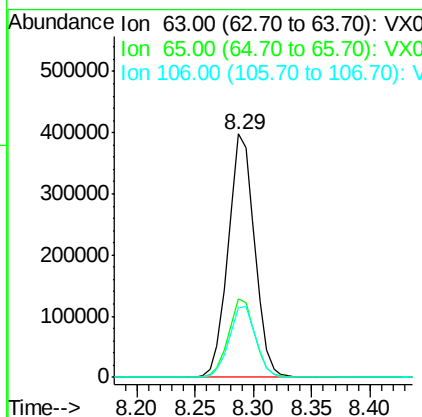
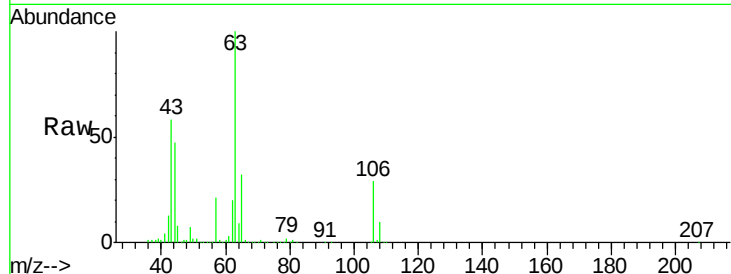
#55
 2-Chloroethyl vinyl ether
 Concen: 277.265 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.7	38.5
106	29.6	24.2	36.4

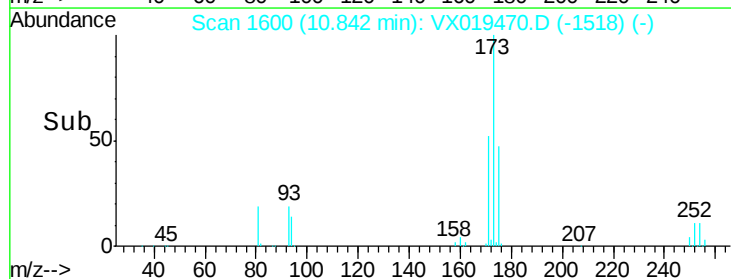
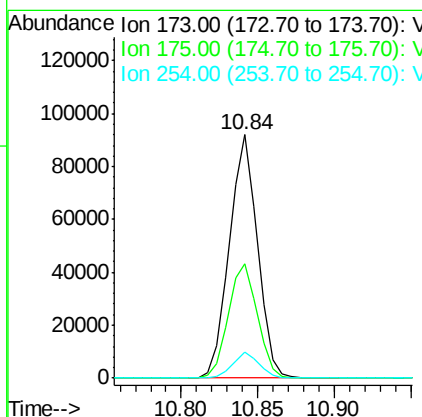
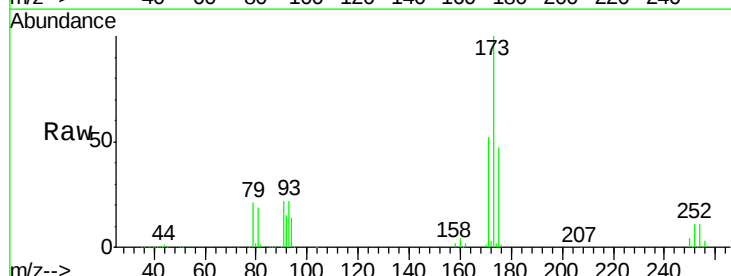
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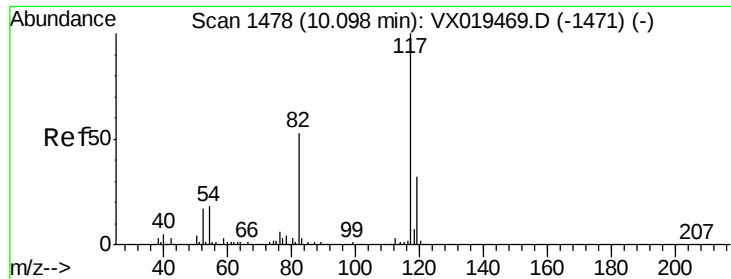
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#56
 Bromoform
 Concen: 51.662 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	39.7	59.5
254	10.2	8.0	12.0





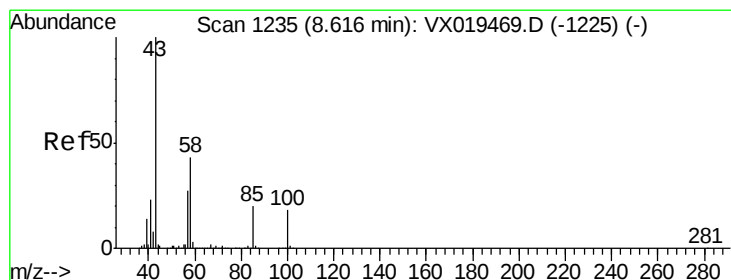
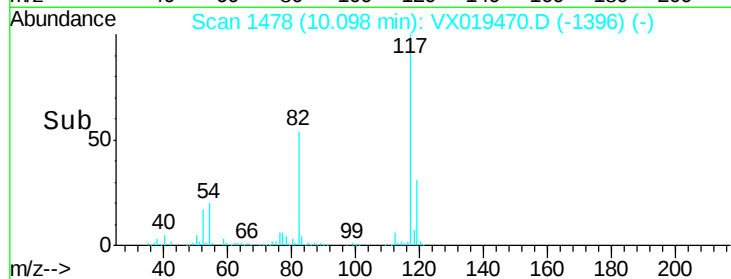
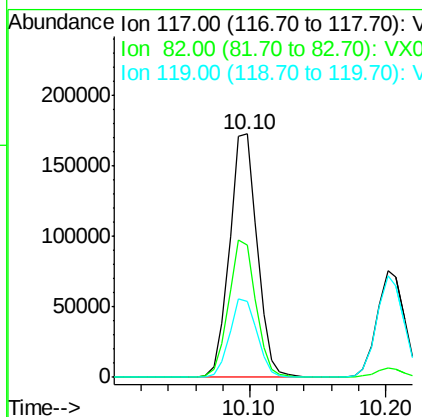
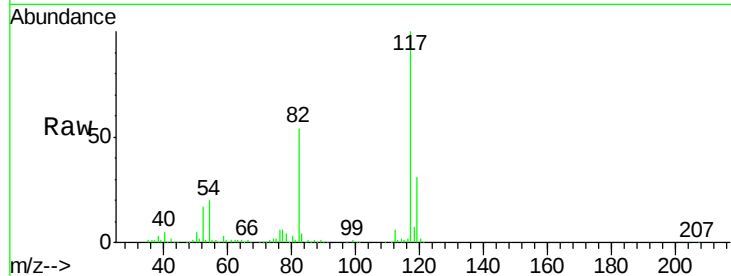
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	244153		
82	55.9	44.5	66.7	
119	32.3	25.9	38.9	

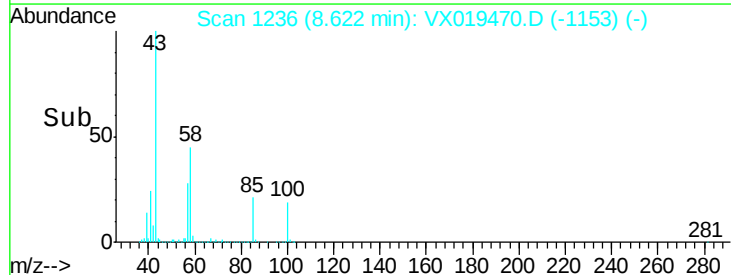
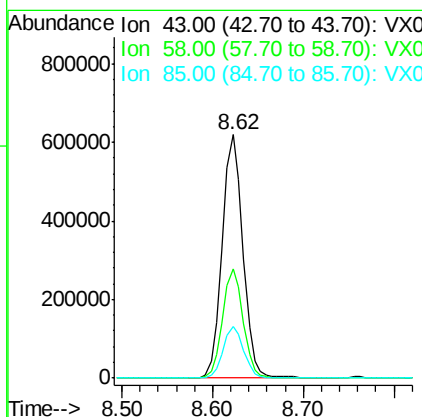
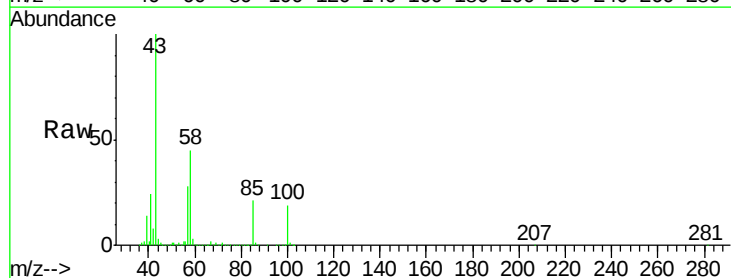
Manual Integrations
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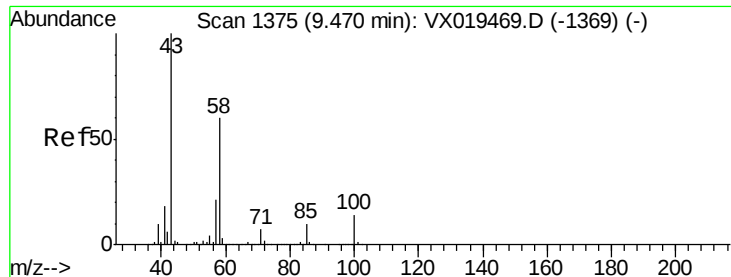
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 300.209 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	987650		
58	44.3	35.1	52.7	
85	21.1	16.7	25.1	





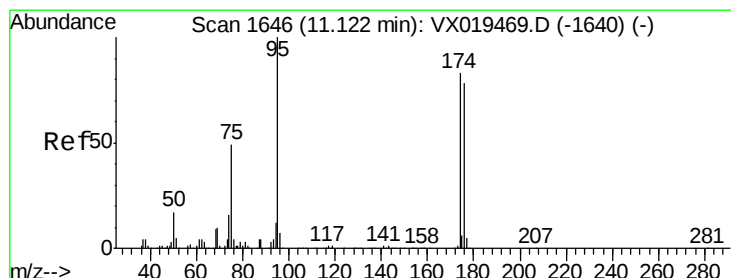
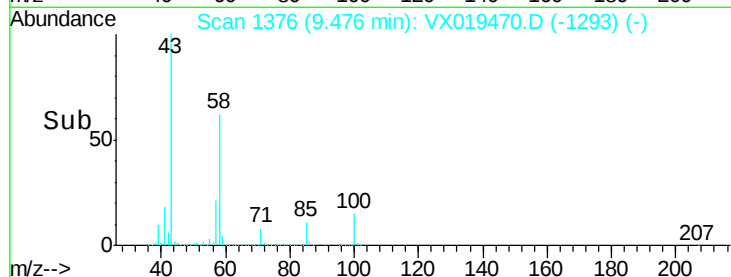
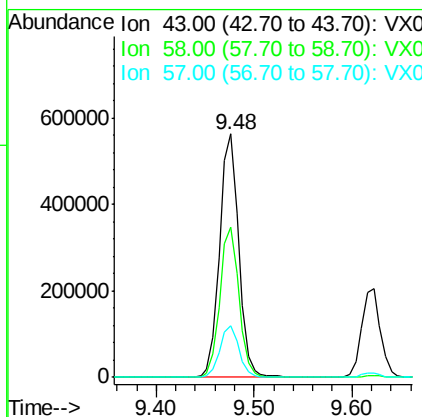
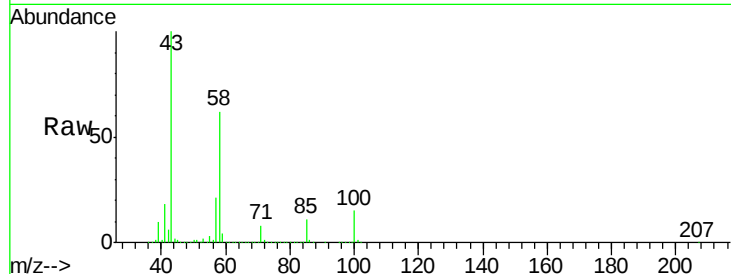
#59
2-Hexanone
Concen: 310.580 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.5	49.0	73.6
57	21.3	17.0	25.4

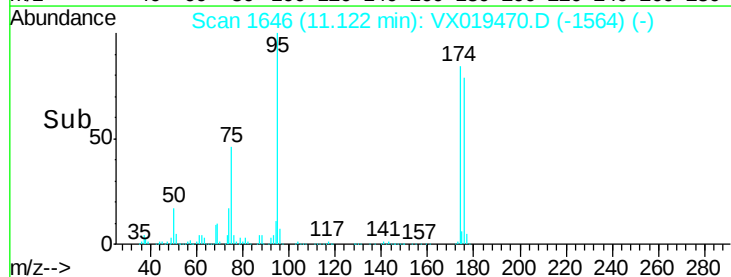
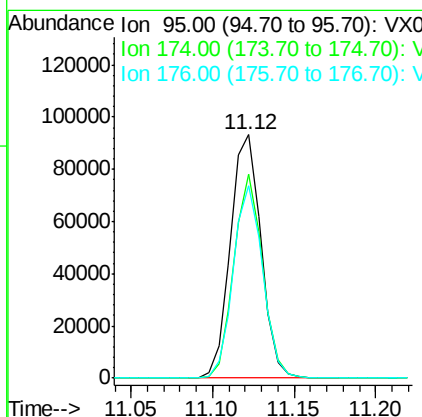
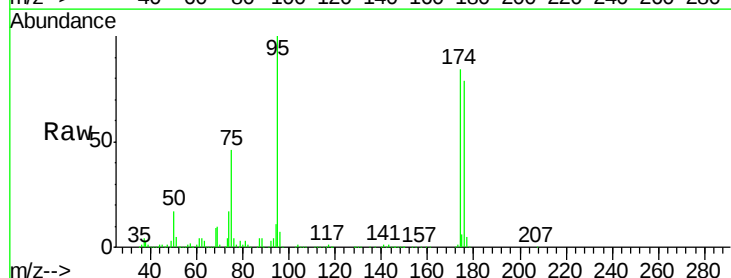
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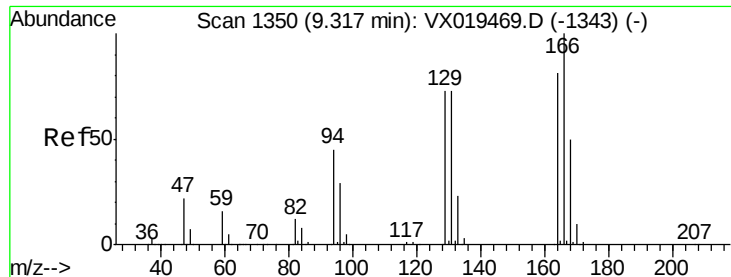
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 32.553 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.9	63.5	95.3
176	76.4	59.8	89.6





#61

Tetrachloroethene

Concen: 50.079 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

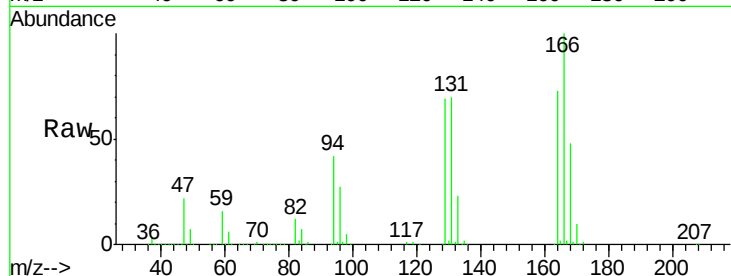
ClientSampleId :

VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	137.3	99.4	149.0	
129	95.3	72.6	108.8	
131	96.1	72.6	108.8	

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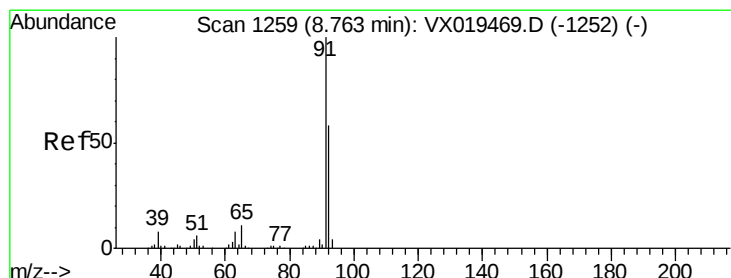
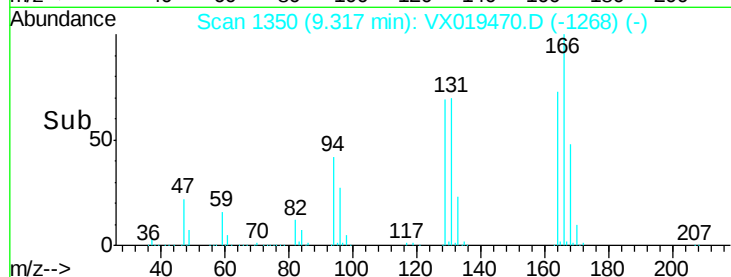
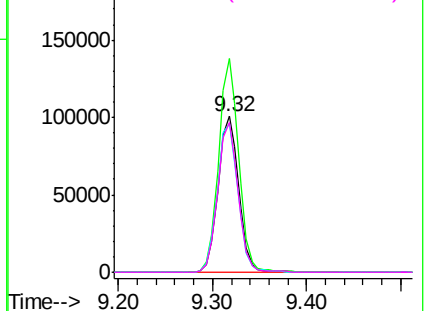


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 51.188 ug/l

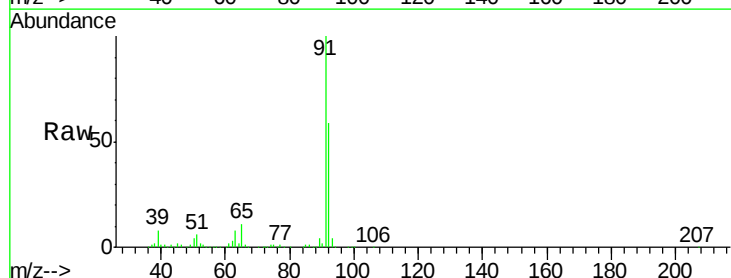
RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019470.D

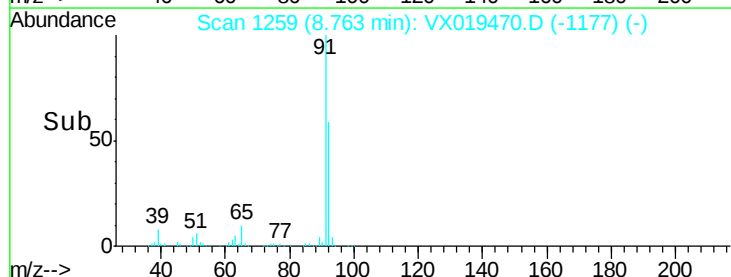
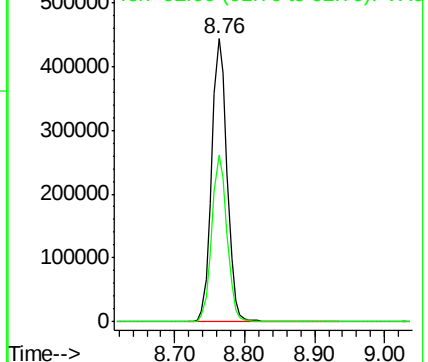
Acq: 19 Nov 2020 16:58

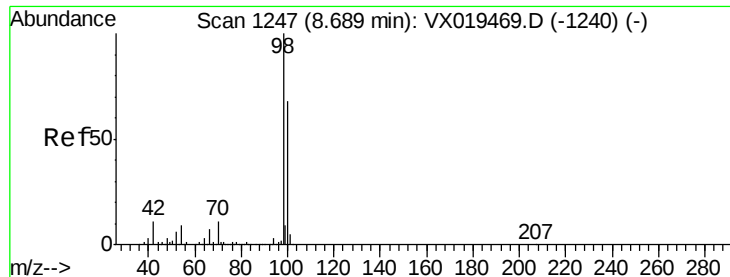
Tgt Ion	Ratio	Resp	Lower	Upper
91	100			
92	58.2	47.4	71.2	



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





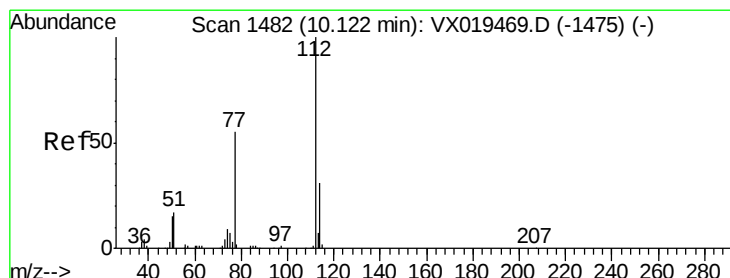
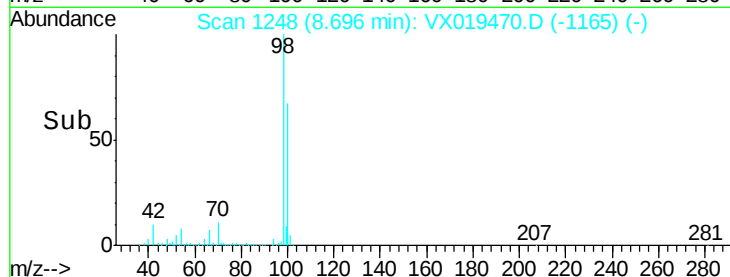
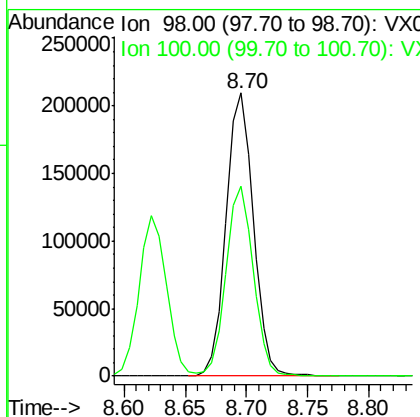
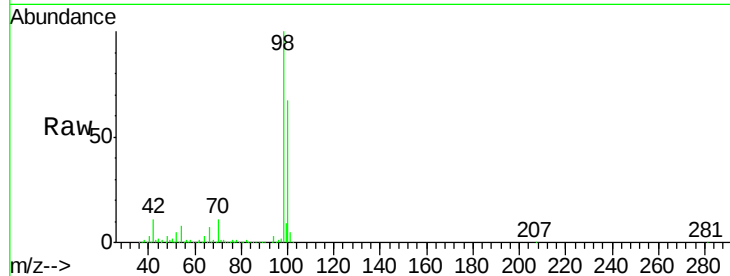
#63
Toluene-d8
Concen: 30.000 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.01 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion: 98 Resp: 323402
Ion Ratio Lower Upper
98 100
100 67.2 53.6 80.4

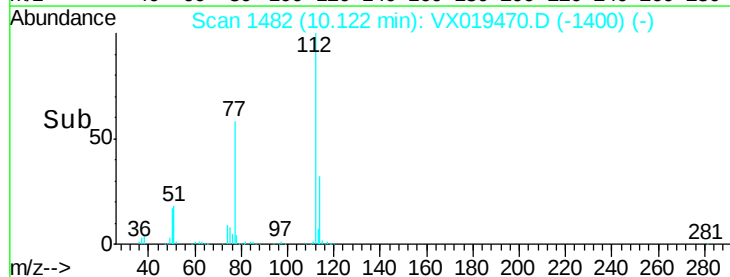
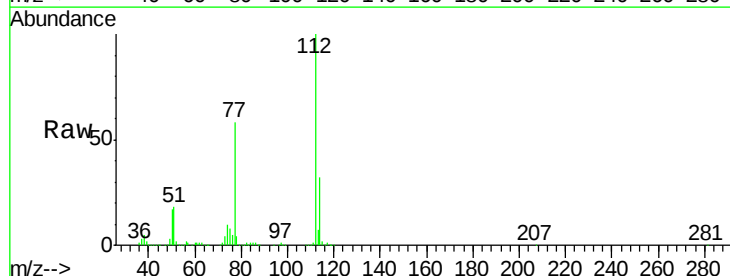
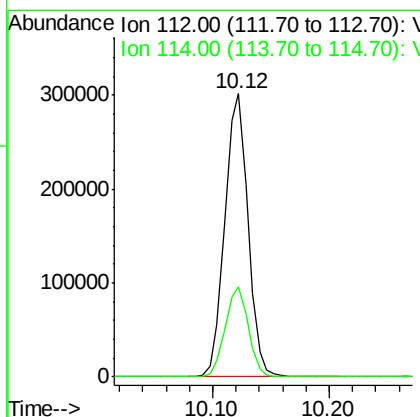
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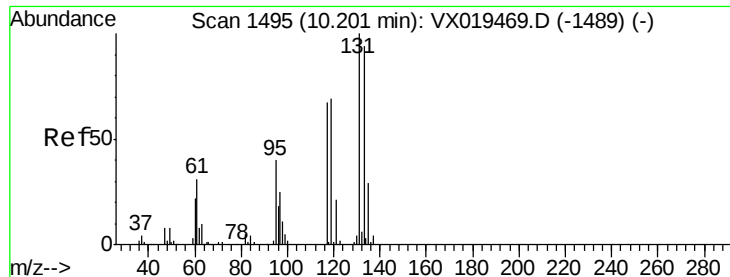
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#64
Chlorobenzene
Concen: 50.377 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion: 112 Resp: 416197
Ion Ratio Lower Upper
112 100
114 31.9 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 50.951 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

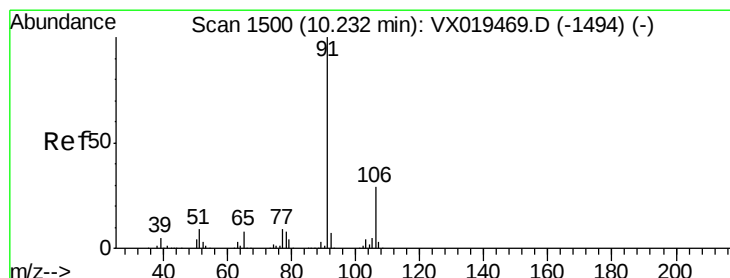
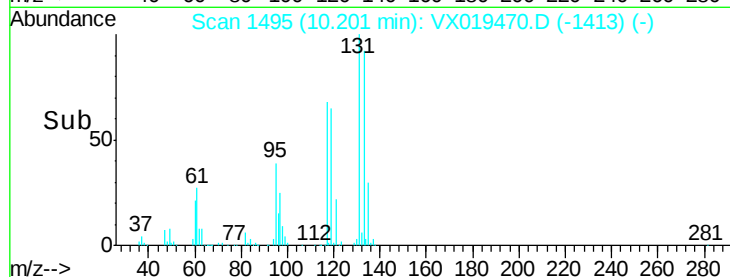
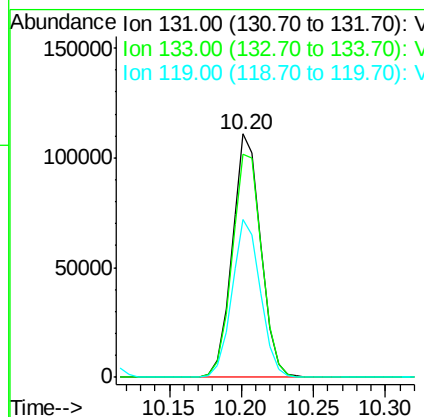
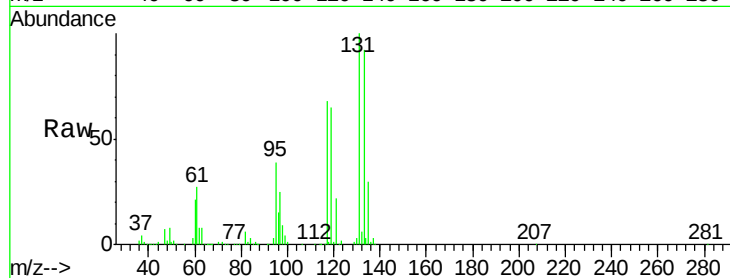
ClientSampleId :

VSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
131	100		
133	95.6	0.0	189.4
119	65.0	0.0	130.4

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#66

Ethyl Benzene

Concen: 52.023 ug/l

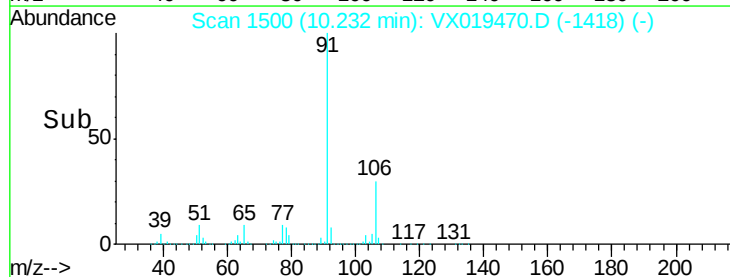
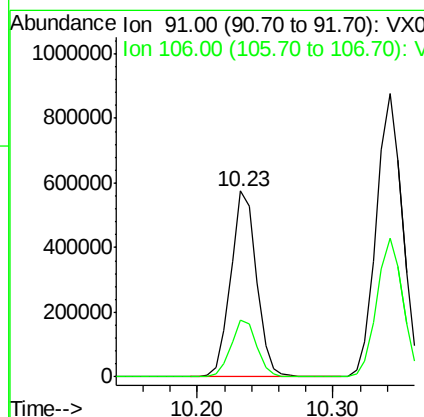
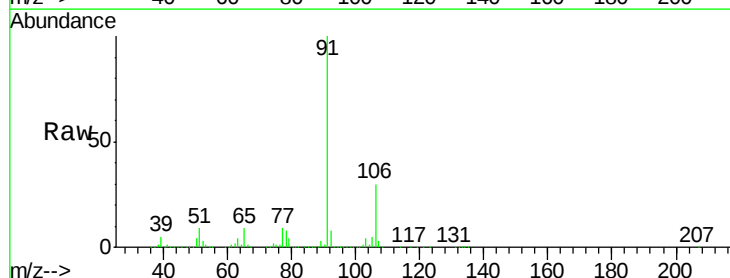
RT: 10.23 min Scan# 1500

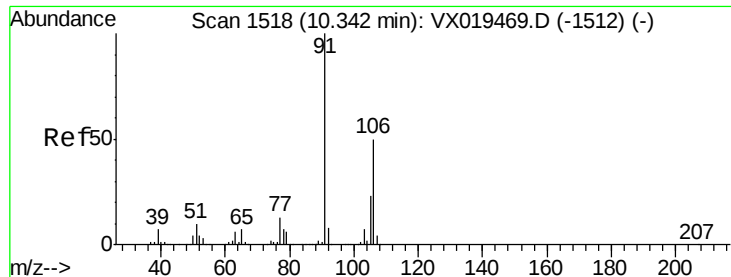
Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Resp Lower	Upper
91	100		
106	30.3	23.5	35.3





#67

m/p-Xvlenes

Concen: 103.625 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:106 Resp: 575000

Ion Ratio Lower Upper

106 100

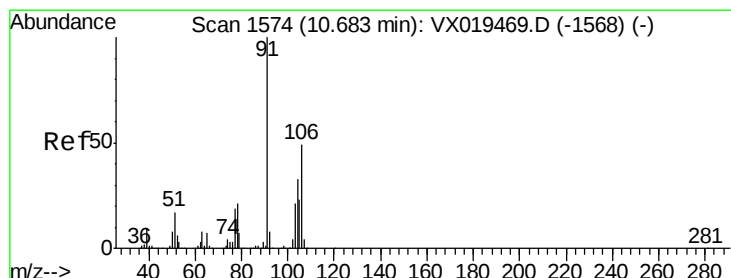
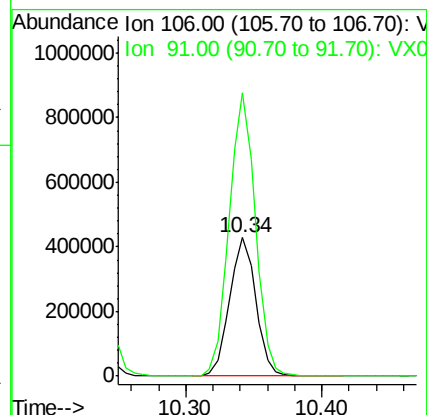
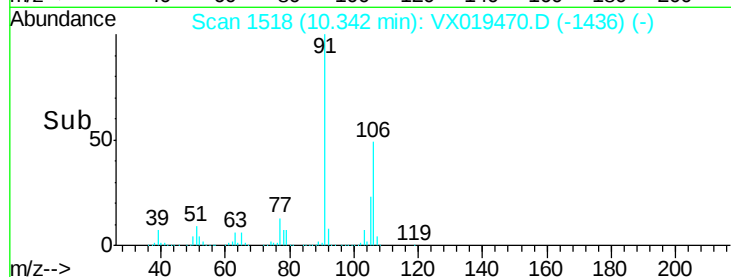
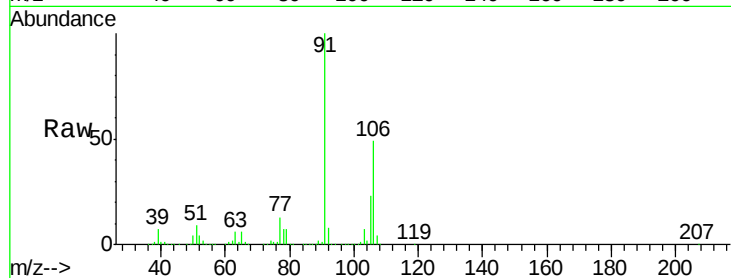
91 203.8 162.7 244.1

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#68

o-Xylene

Concen: 50.745 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX019470.D

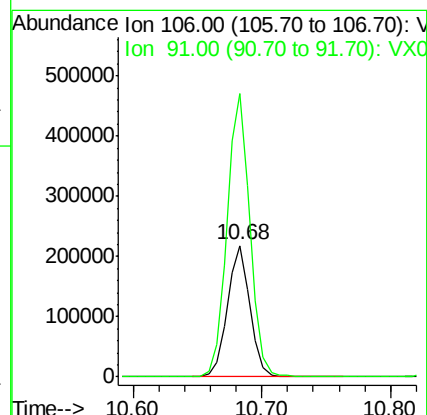
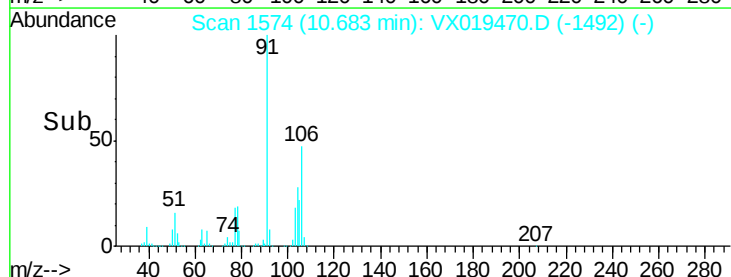
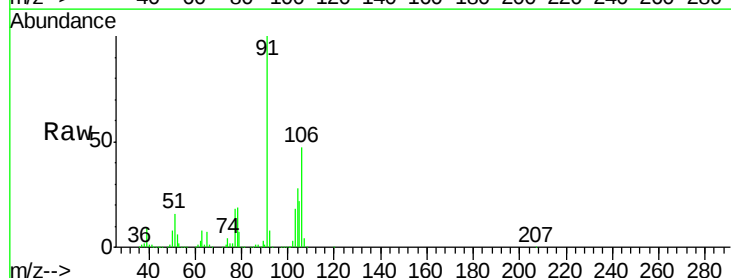
Acq: 19 Nov 2020 16:58

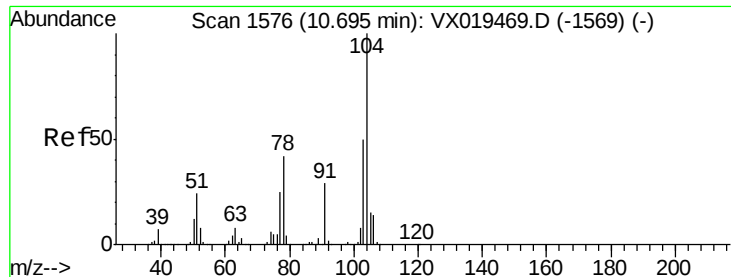
Tgt Ion:106 Resp: 268531

Ion Ratio Lower Upper

106 100

91 218.6 108.3 324.9





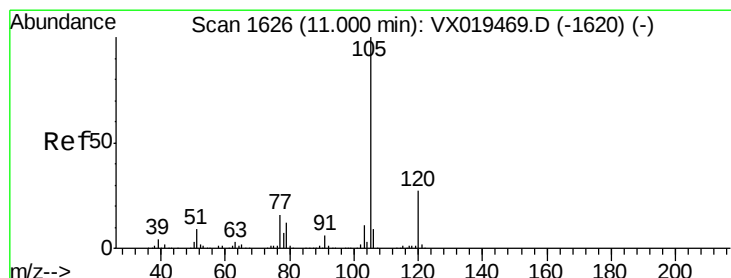
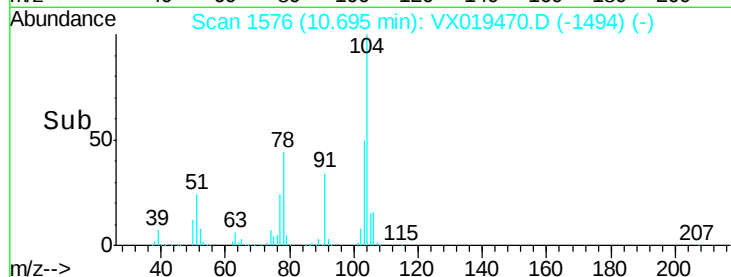
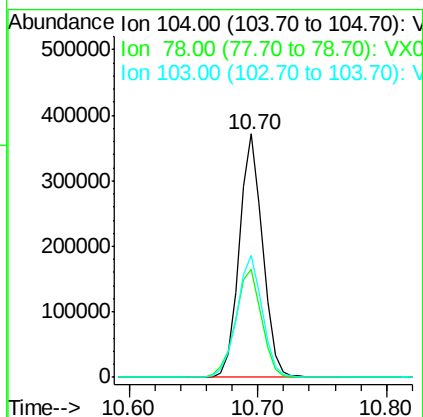
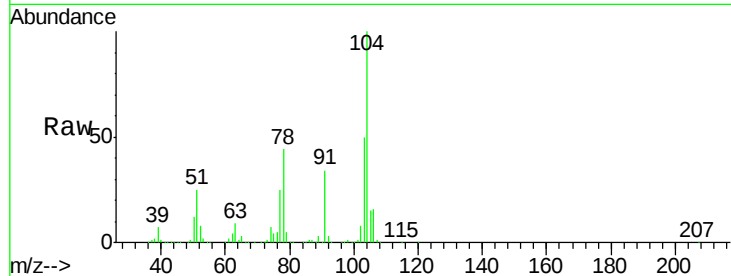
#69
Stvrene
Concen: 51.997 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.1	39.2	58.8
103	54.4	43.8	65.8

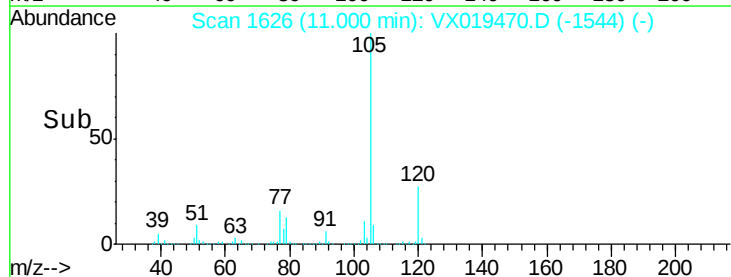
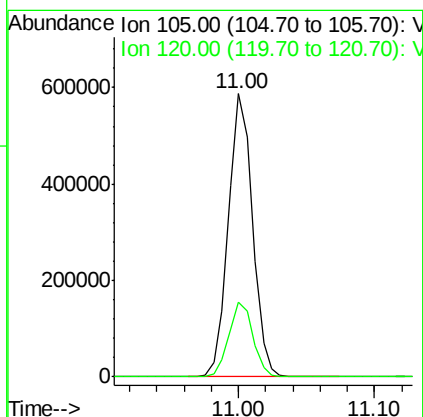
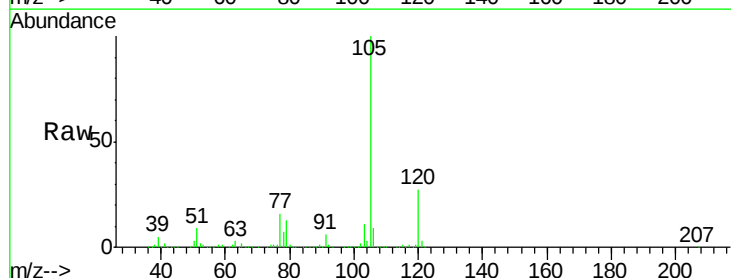
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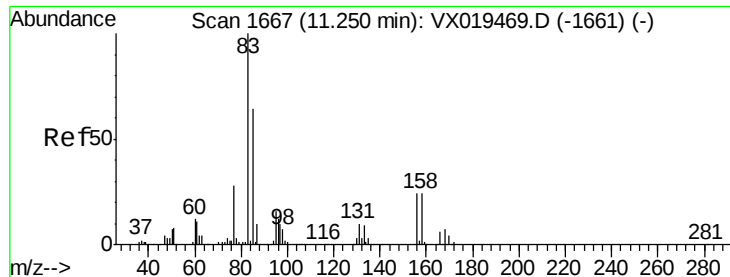
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#70
Isopropylbenzene
Concen: 50.889 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.5	18.5	34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 57.522 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 83 Resp: 244158

Ion Ratio Lower Upper

83 100

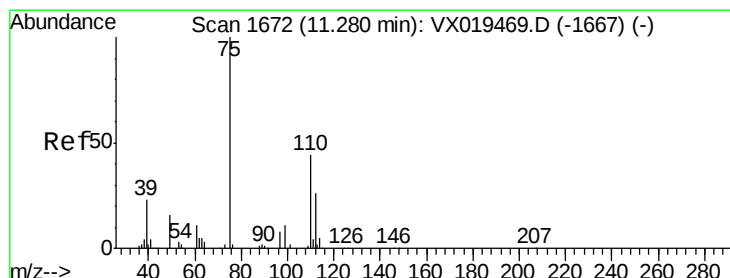
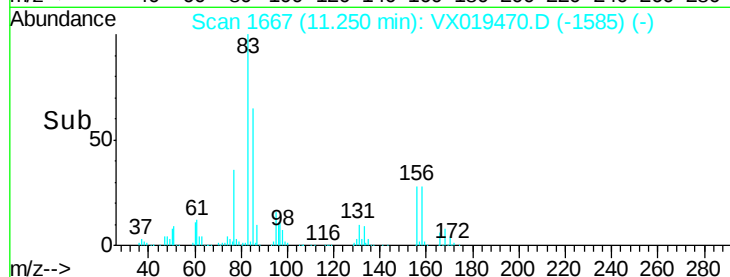
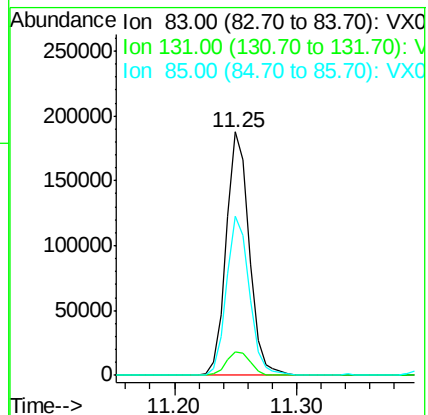
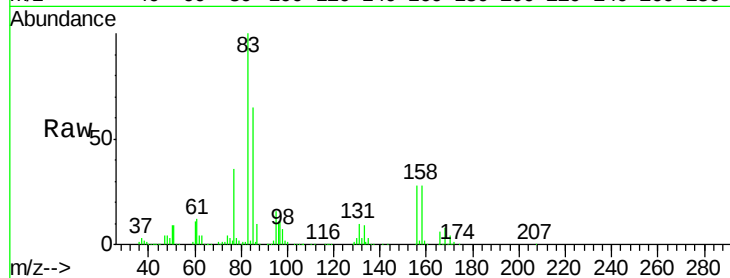
131 10.2 4.9 14.7

85 65.2 31.6 94.8

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#72

1,2,3-Trichloropropane

Concen: 58.189 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019470.D

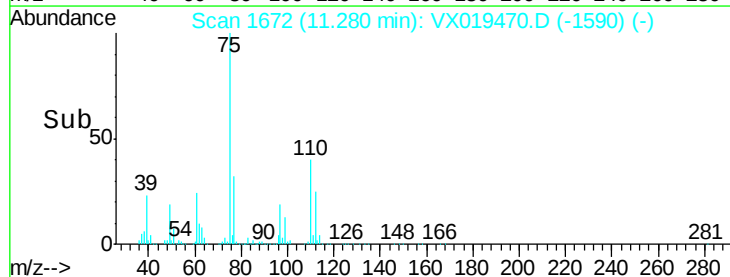
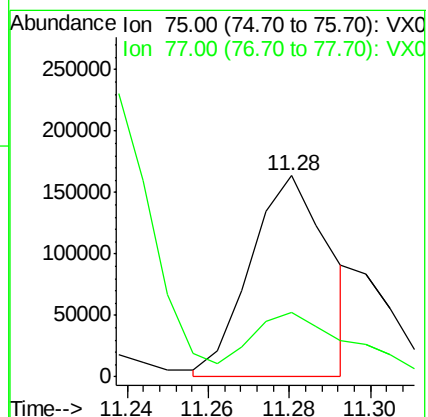
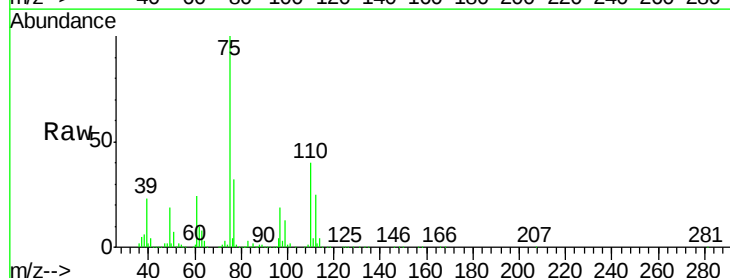
Acq: 19 Nov 2020 16:58

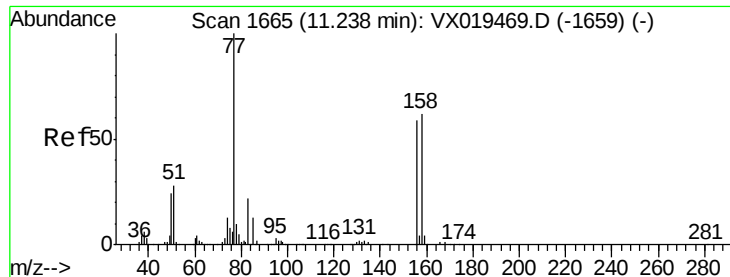
Tgt Ion: 75 Resp: 221016

Ion Ratio Lower Upper

75 100

77 40.7 0.0 78.4





#73

Bromobenzene

Concen: 50.442 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

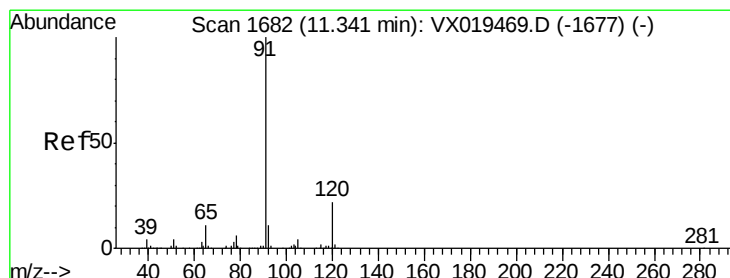
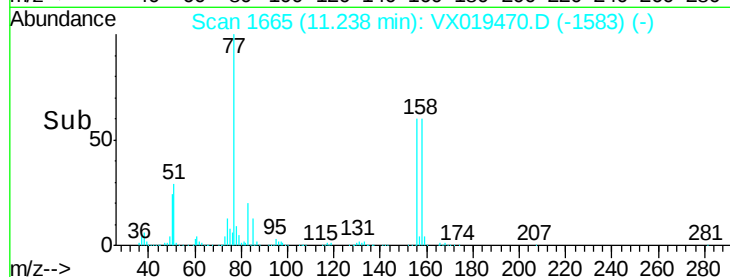
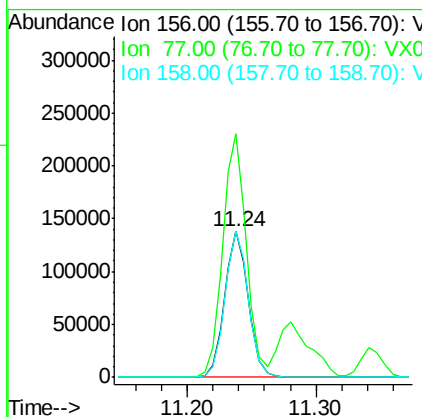
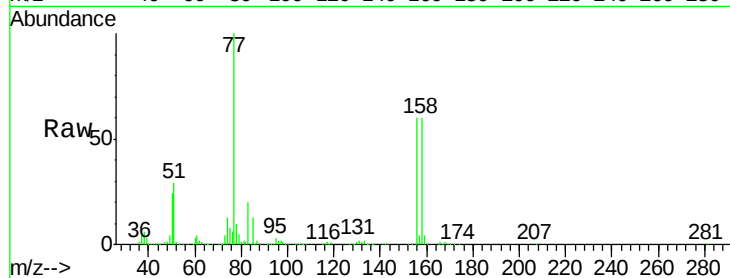
ClientSampleId :

VSTDIC050

Tot Ion:	156	Resp:	176390
Ion Ratio	Lower	Upper	
156	100		
77	168.0	0.0	329.0
158	99.5	0.0	197.0

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#74

n-propylbenzene

Concen: 52.915 ug/l

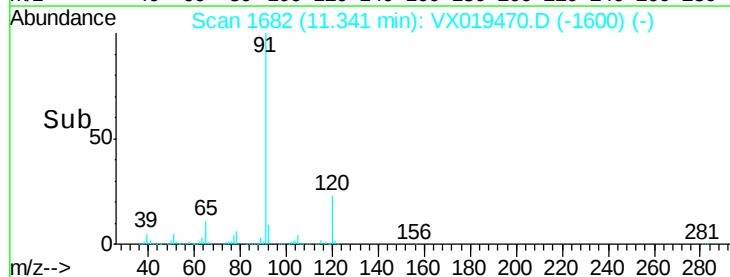
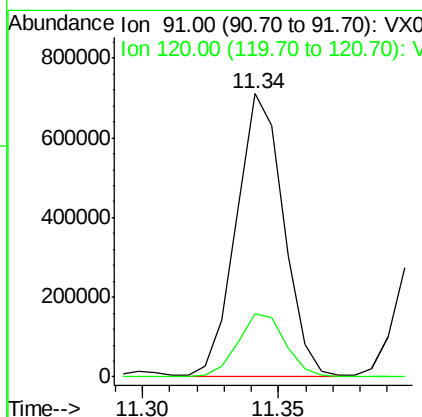
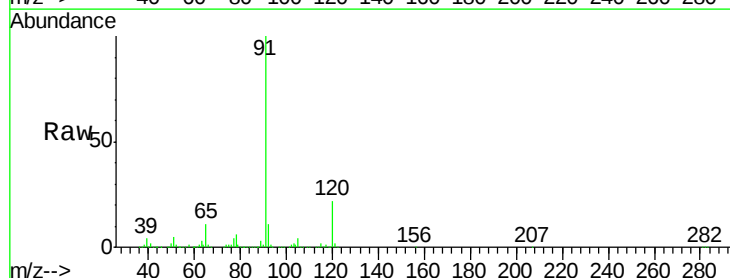
RT: 11.34 min Scan# 1682

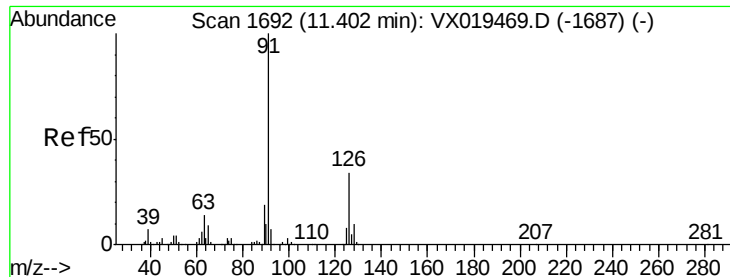
Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Tgt Ion:	91	Resp:	856661
Ion Ratio	Lower	Upper	
91	100		
120	22.5	0.0	45.6





#75

2-Chlorotoluene

Concen: 54.192 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 91 Resp: 504485

Ion Ratio Lower Upper

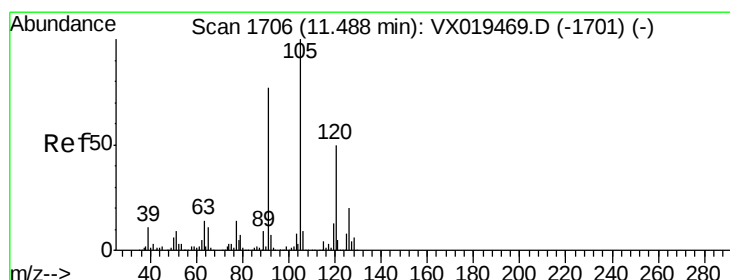
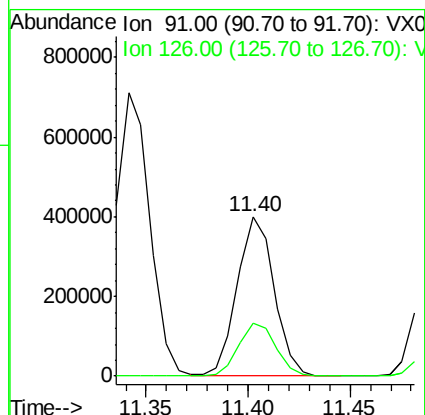
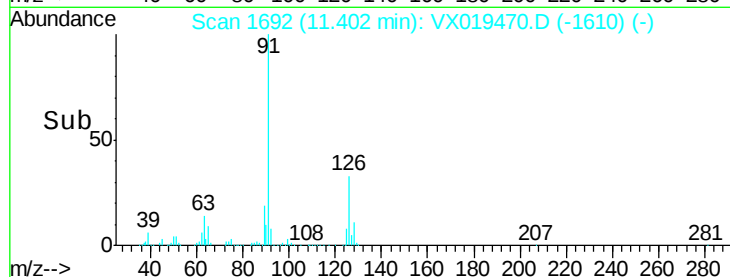
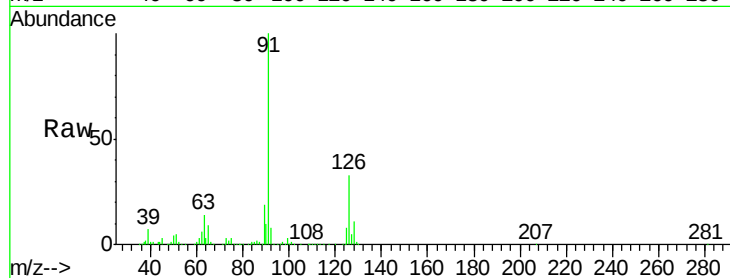
91 100

126 33.5 0.0 66.4

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#76

1,3,5-Trimethylbenzene

Concen: 53.775 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019470.D

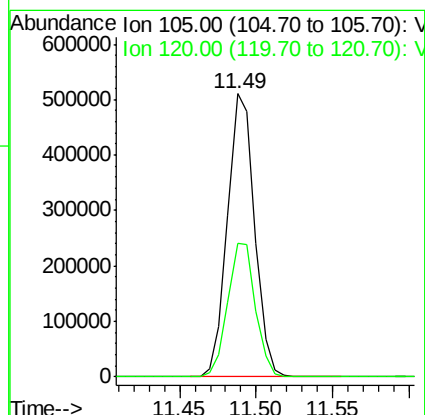
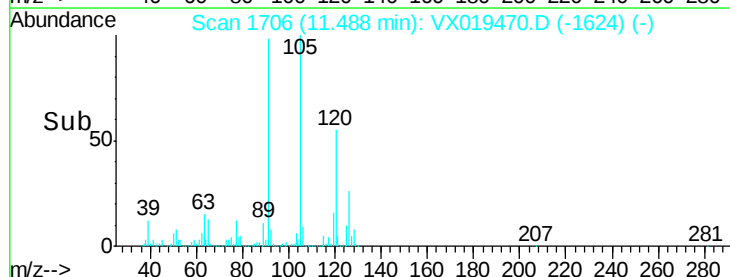
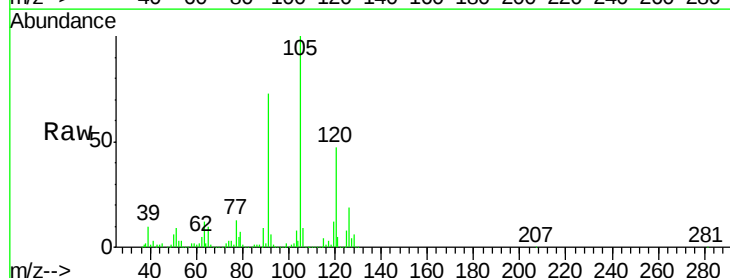
Acq: 19 Nov 2020 16:58

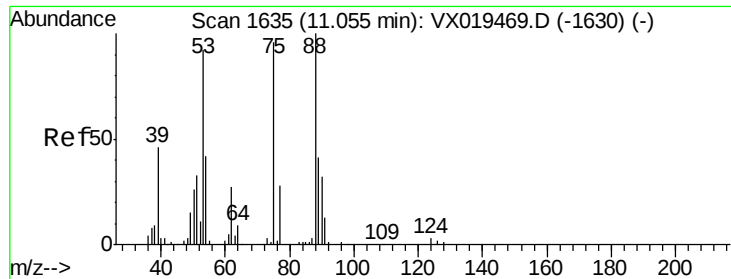
Tgt Ion: 105 Resp: 627084

Ion Ratio Lower Upper

105 100

120 48.2 0.0 99.4





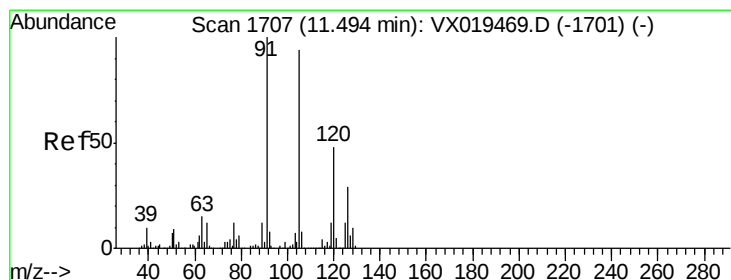
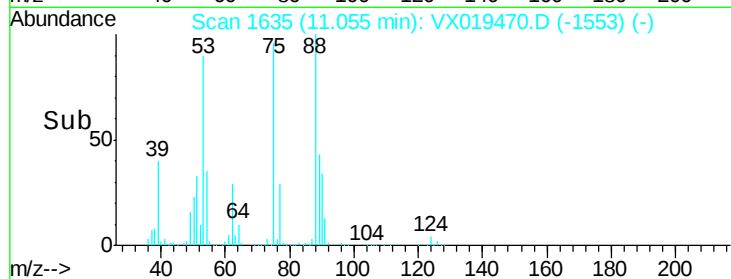
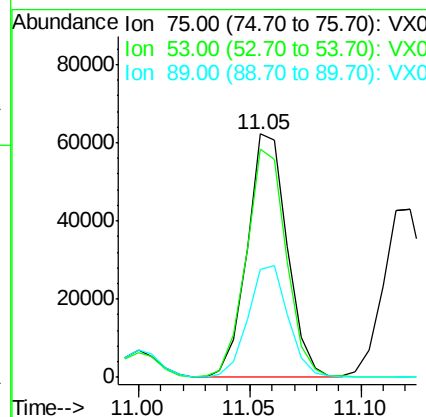
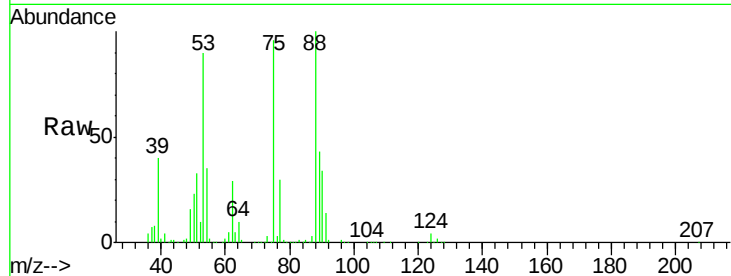
#77
t-1,4-Dichloro-2-butene
Concen: 53.768 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.5	47.9	143.6
89	44.4	21.4	64.2

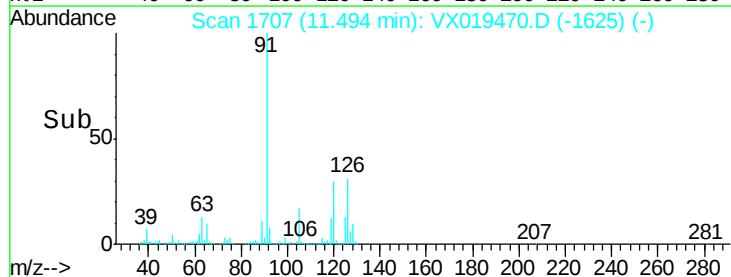
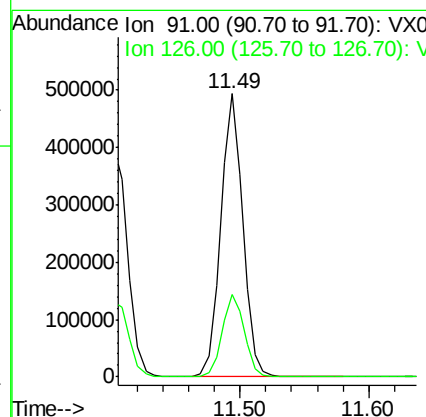
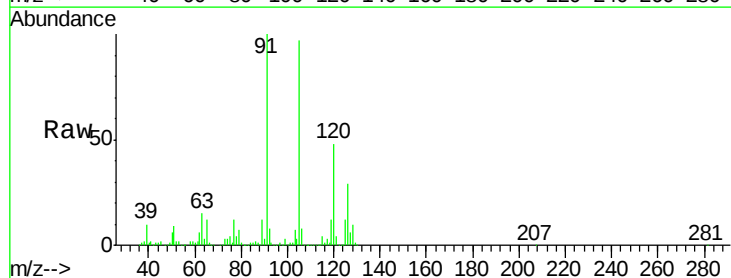
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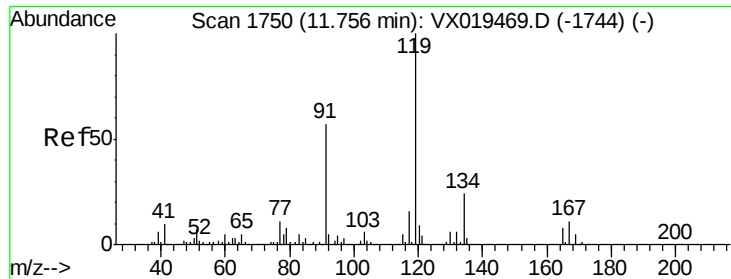
MMDadoda
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#78
4-Chlorotoluene
Concen: 54.524 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	0.0	58.6





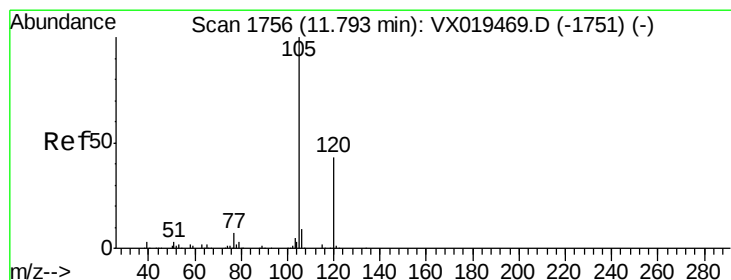
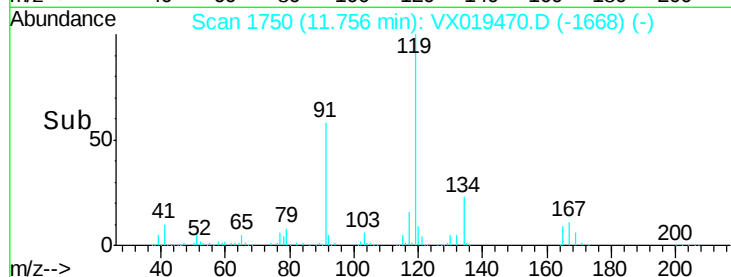
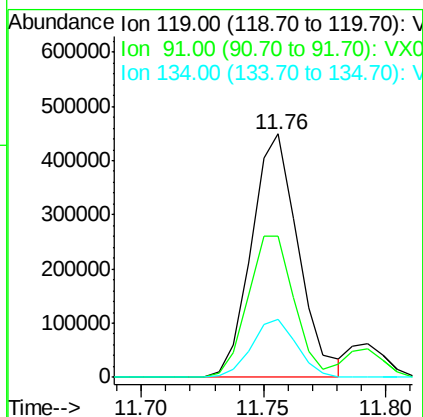
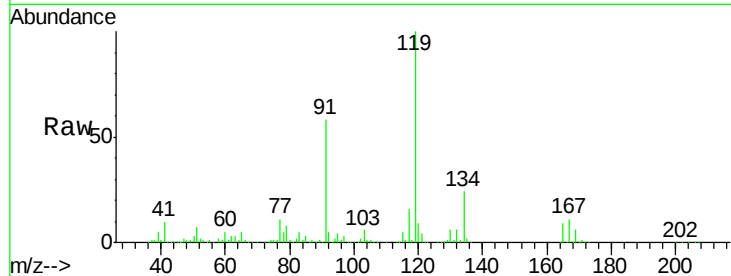
#79
tert-butylbenzene
Concen: 52.401 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	596593		
91	57.4		0.0	117.0
134	22.9		0.0	47.2

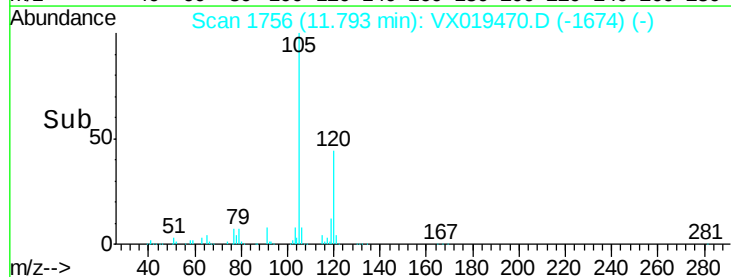
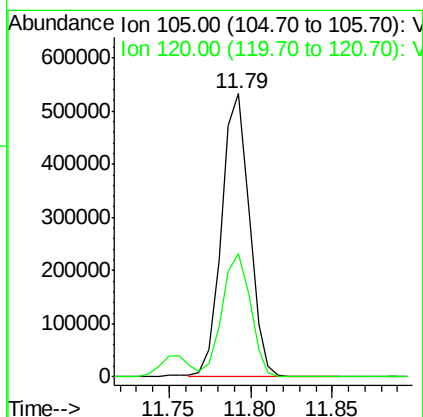
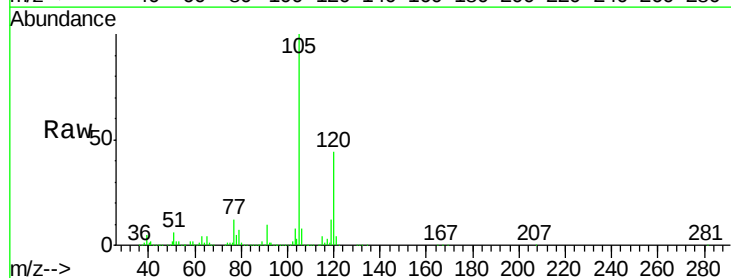
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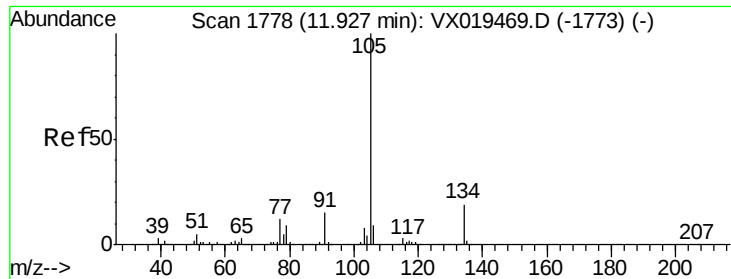
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#80
1,2,4-Trimethylbenzene
Concen: 54.618 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	633103		
120	44.4		0.0	91.2





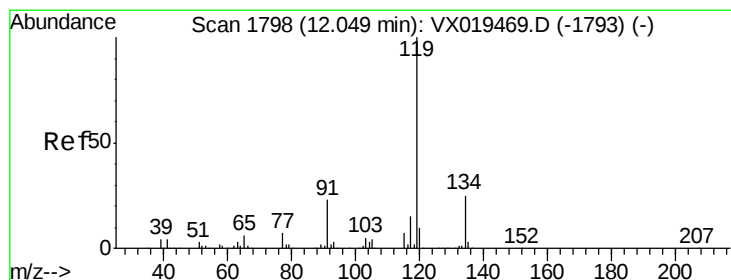
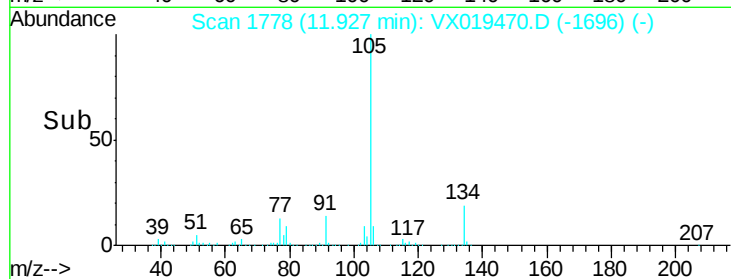
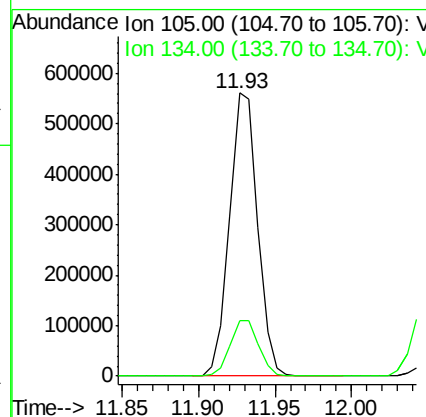
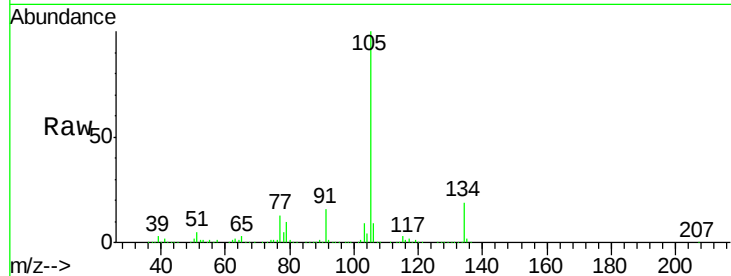
#81
 sec-Butylbenzene
 Concen: 52.474 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	712135		
134	20.0	0.0	39.2	

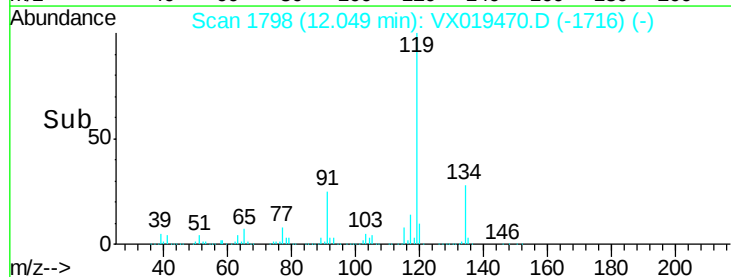
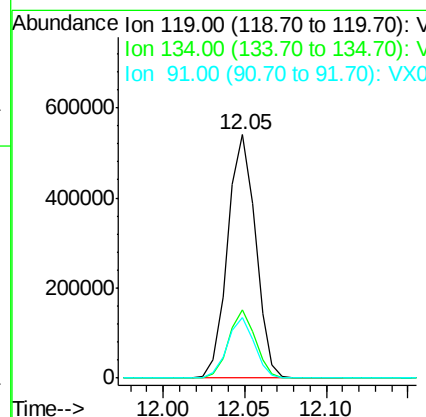
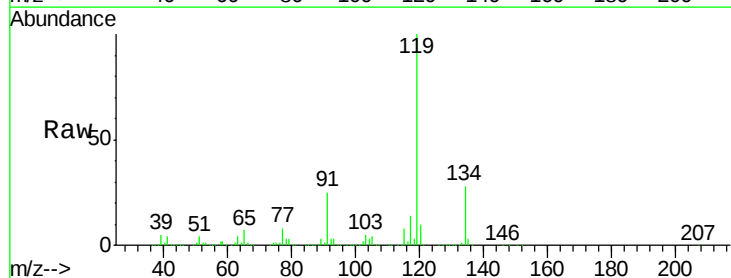
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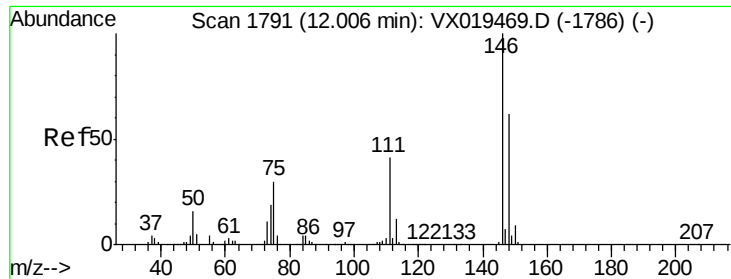
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#82
 p-Isopropyltoluene
 Concen: 51.928 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	646665		
134	26.8	0.0	51.8	
91	23.9	0.0	47.6	





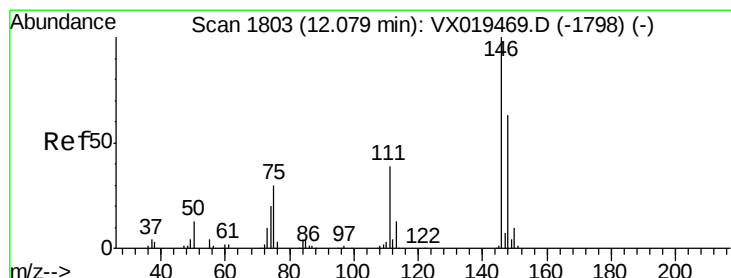
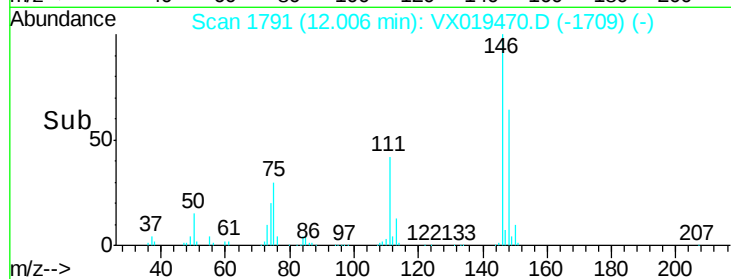
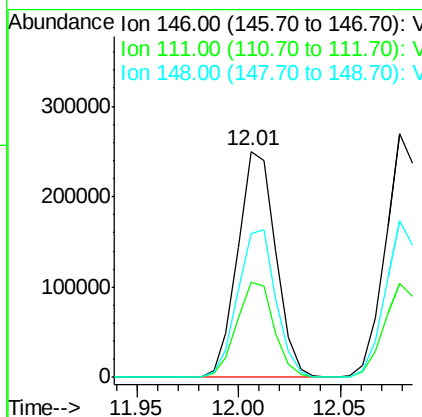
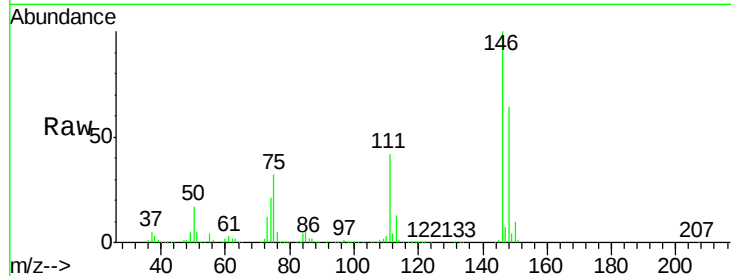
#83
 1,3-Dichlorobenzene
 Concen: 51.406 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.0	60.0
148	65.3	31.4	94.0

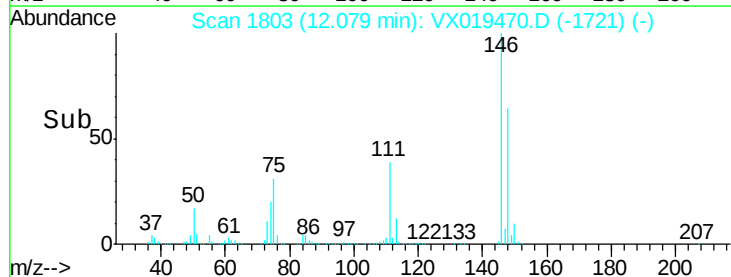
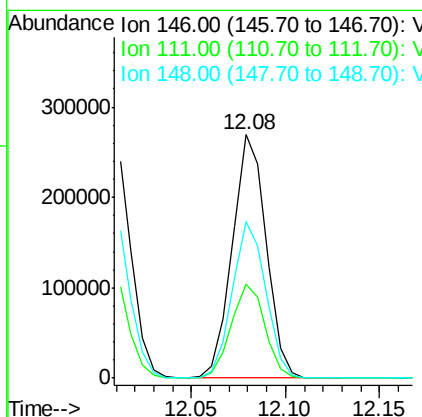
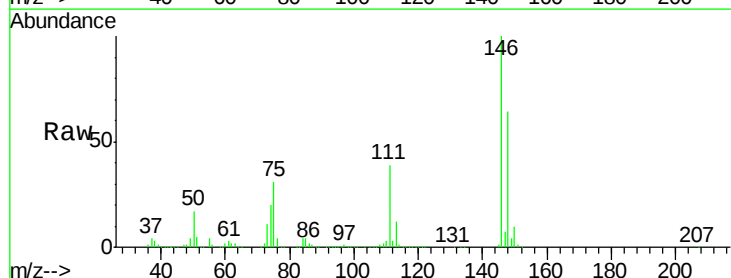
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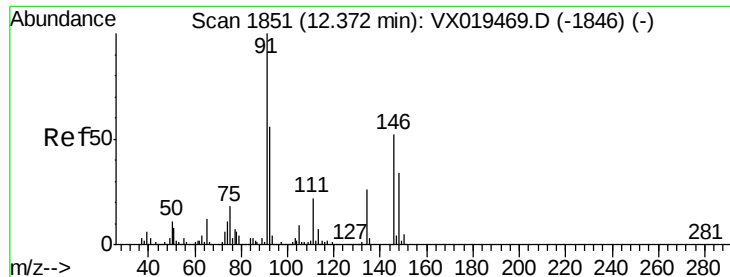
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#84
 1,4-Dichlorobenzene
 Concen: 52.424 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.9
148	63.8	31.4	94.2





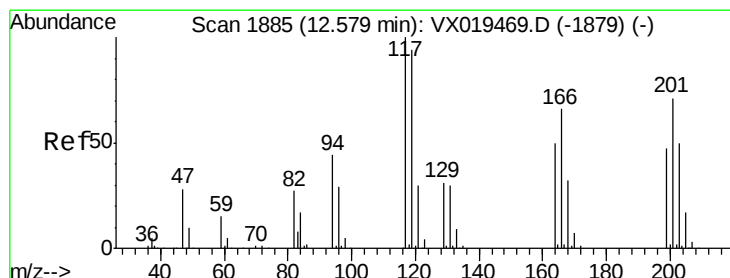
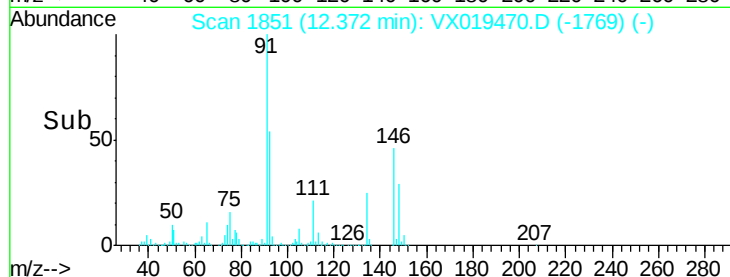
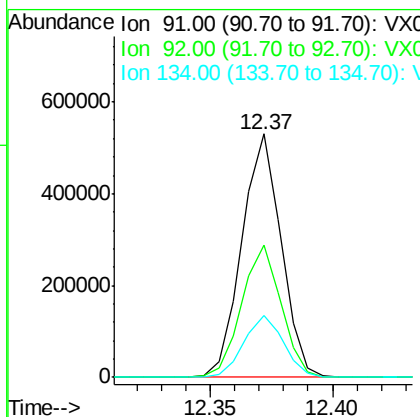
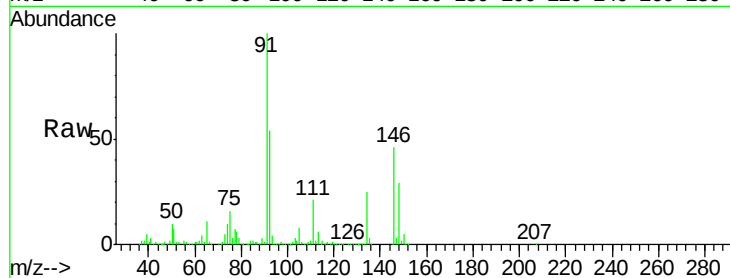
#85
n-Butylbenzene
Concen: 53.433 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	594595		
92	54.3	0.0	111.2	
134	25.6	0.0	51.2	

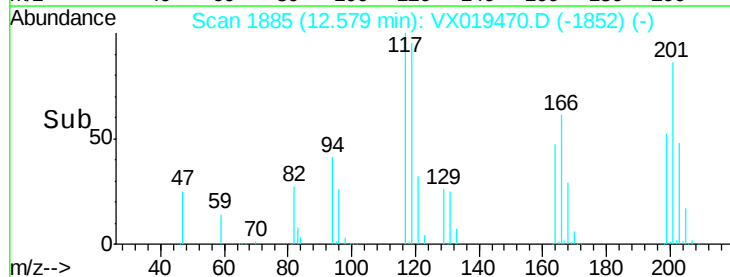
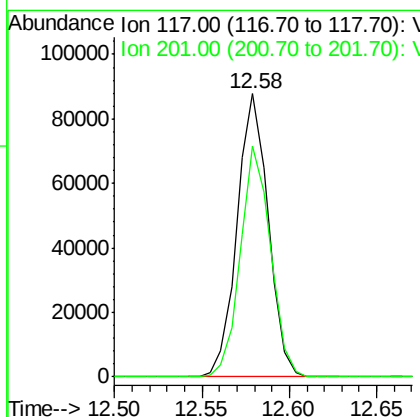
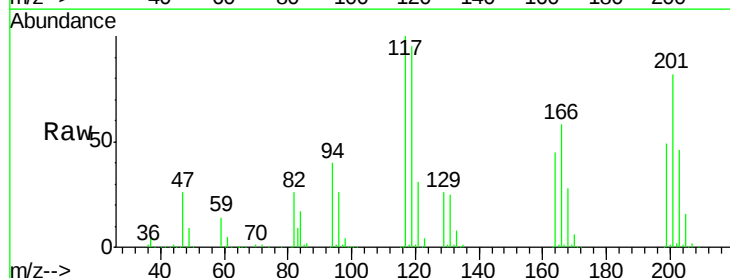
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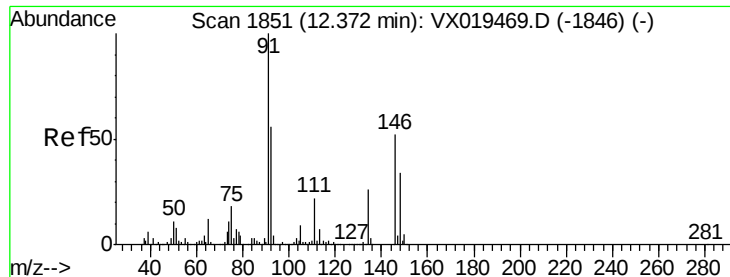
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#86
Hexachloroethane
Concen: 55.639 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	108373		
201	79.0	38.4	115.1	





#87

1,2-Dichlorobenzene

Concen: 54.425 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

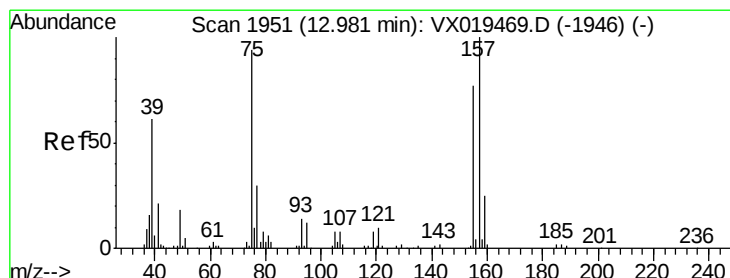
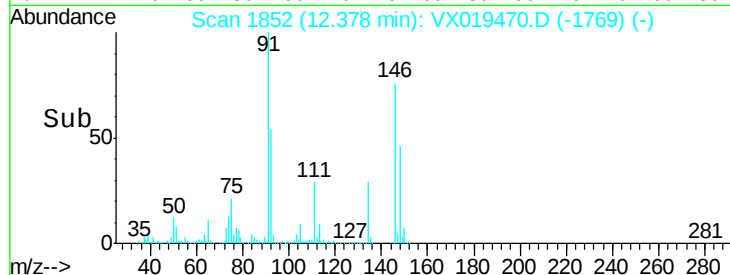
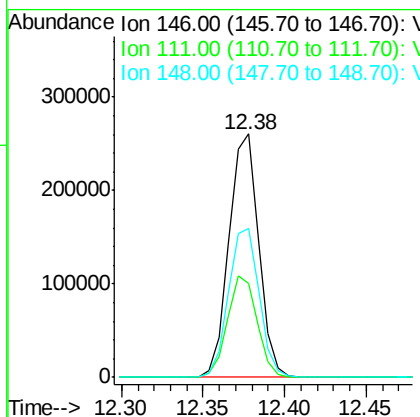
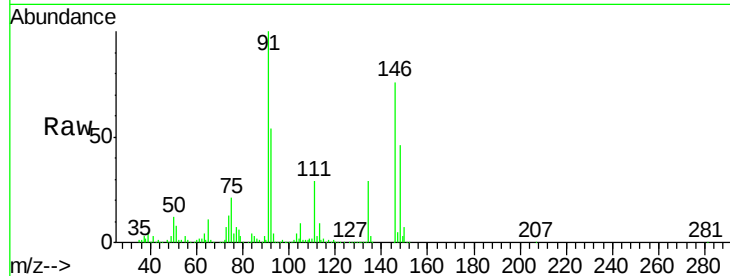
ClientSampleId :

VSTDIC050

Tot Ion:	146	Resp:	330247
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.5	61.6
148	62.7	31.5	94.5

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#88

1,2-Dibromo-3-Chloropropane

Concen: 55.515 ug/l

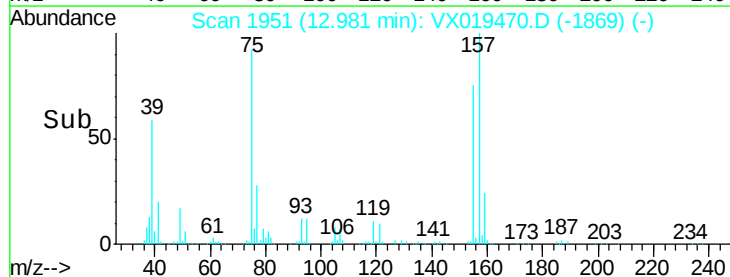
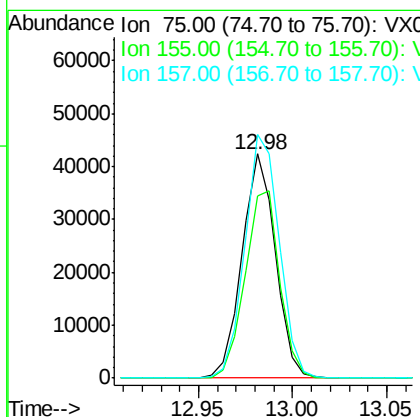
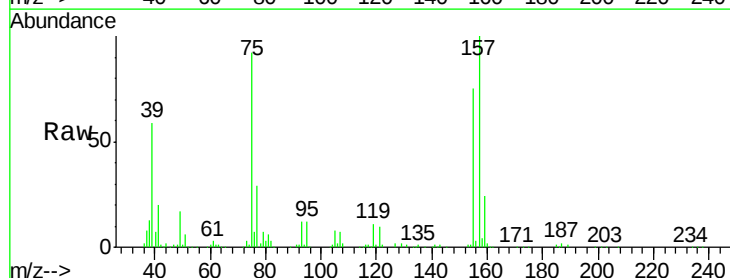
RT: 12.98 min Scan# 1951

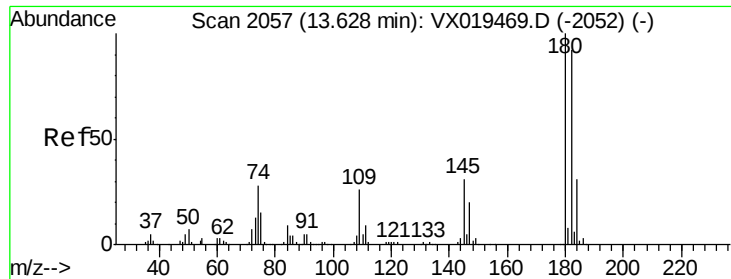
Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Tgt Ion:	75	Resp:	52082
Ion Ratio	Lower	Upper	
75	100		
155	86.5	68.6	103.0
157	111.8	90.0	135.0





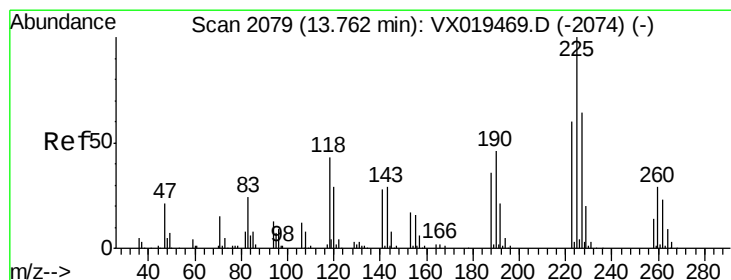
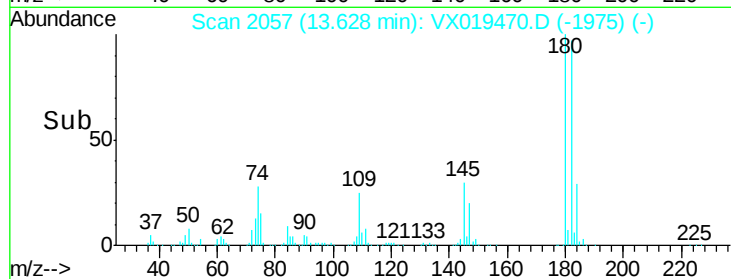
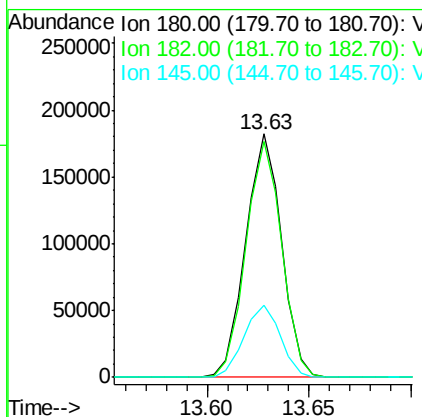
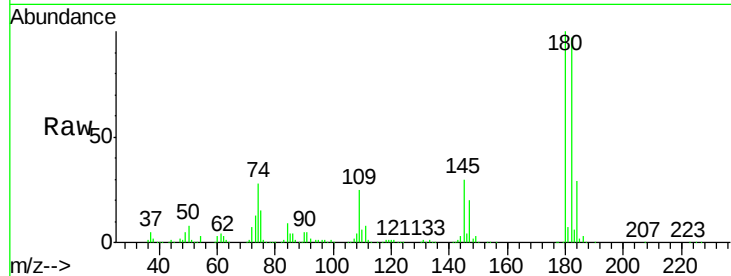
#89
 1,2,4-Trichlorobenzene
 Concen: 52.166 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.1	114.1
145	30.3	24.7	37.1

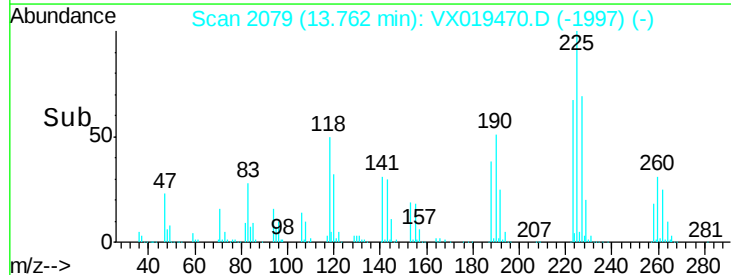
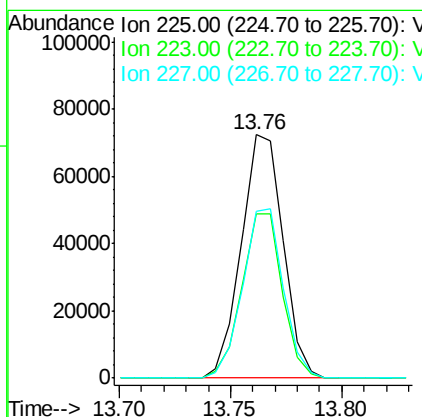
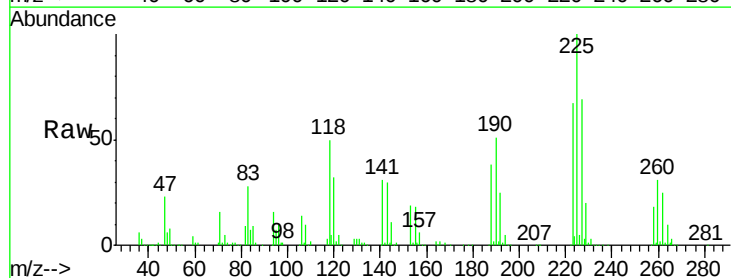
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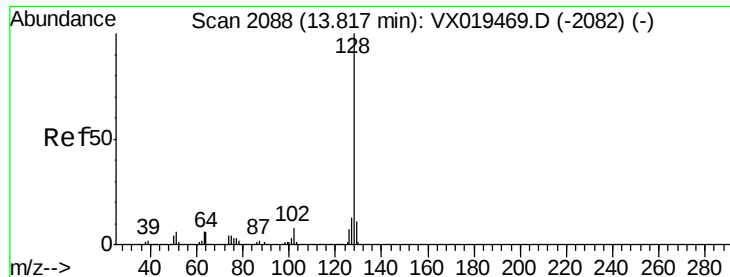
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#90
 Hexachlorobutadiene
 Concen: 51.193 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	0.0	119.2
227	67.3	0.0	126.4





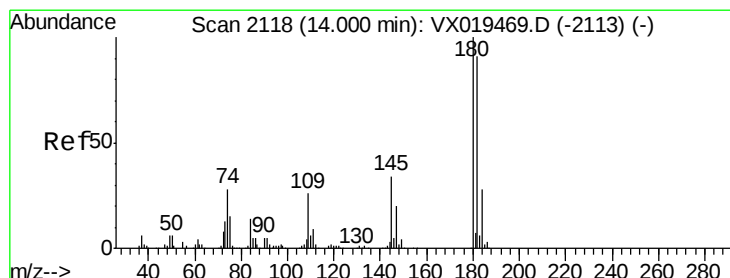
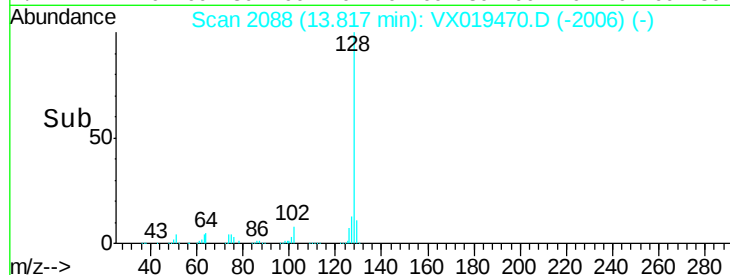
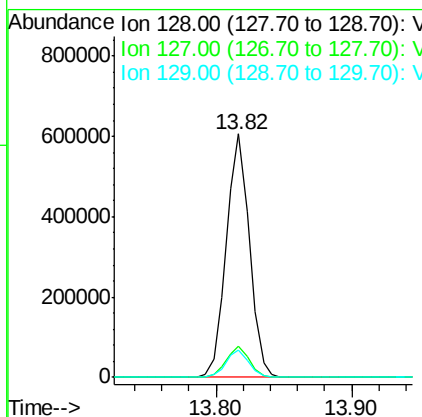
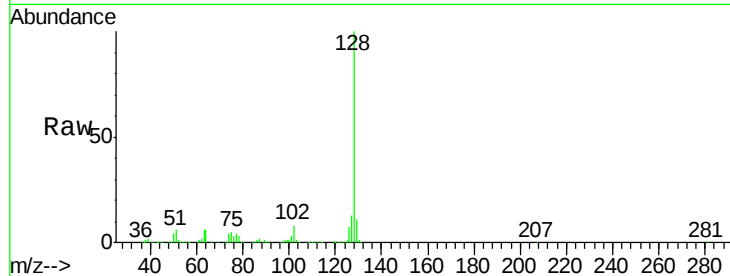
#91
Naphthalene
Concen: 51.378 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	11.0	8.6	12.8

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#92
1,2,3-Trichlorobenzene
Concen: 53.519 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	0.0	192.2
145	31.9	0.0	63.6

