

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102120\
 Data File : VX019011.D
 Acq On : 21 Oct 2020 19:52
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 1:22:06 PM

Quant Time: Oct 22 01:55:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 01:25:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	270163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	447721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	415955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	495782	133.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	267.32%	
35) Dibromofluoromethane	5.47	113	453074	148.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.66%	
50) Toluene-d8	8.70	98	1732816	155.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.30%	
62) 4-Bromofluorobenzene	11.12	95	592301	135.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	271.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	423419	164.735	ug/l	100
4) Vinyl Chloride	1.39	62	480021	150.889	ug/l	98
5) Bromomethane	1.64	94	391313	183.247	ug/l	97
6) Chloroethane	1.71	64	171678	91.808	ug/l	99
7) Trichlorofluoromethane	1.91	101	807535	164.223	ug/l	100
8) Diethyl Ether	2.17	74	309941	175.678	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	383730	149.172	ug/l	99
10) Methyl Iodide	2.49	142	573593	201.767	ug/l	100
11) Tert butyl alcohol	3.10	59	489000m	741.831	ug/l	
12) 1,1-Dichloroethene	2.36	96	401753	154.048	ug/l	95
13) Acrolein	2.28	56	196138	510.105	ug/l	98
14) Allyl chloride	2.71	41	519880	108.494	ug/l	98
15) Acrylonitrile	3.12	53	967097	634.436	ug/l	99
16) Acetone	2.43	43	791805	565.080	ug/l	99
17) Carbon Disulfide	2.55	76	1134366	146.724	ug/l	100
18) Methyl Acetate	2.75	43	421892	121.431	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1287679	142.977	ug/l	99
20) Methylene Chloride	2.84	84	462702	144.200	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	471431	154.766	ug/l	99
22) Diisopropyl ether	3.82	45	1033316	114.220	ug/l	97
23) Vinyl Acetate	3.79	43	4974707	617.284	ug/l	98
24) 1,1-Dichloroethane	3.67	63	745068	137.706	ug/l	99
25) 2-Butanone	4.64	43	1302389	596.117	ug/l	99
26) 2,2-Dichloropropane	4.55	77	684382	136.624	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	543011	158.697	ug/l	97
28) Bromochloromethane	4.98	49	326387	131.445	ug/l	95
29) Tetrahydrofuran	5.09	42	780057	574.173	ug/l	99
30) Chloroform	5.18	83	826782	149.032	ug/l	97
31) Cyclohexane	5.55	56	571138	128.296	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	759808	146.864	ug/l	99
36) 1,1-Dichloropropene	5.77	75	620720	145.016	ug/l	99
37) Ethyl Acetate	4.80	43	537494	121.314	ug/l	99
38) Carbon Tetrachloride	5.76	117	665447	141.683	ug/l	98
39) Methylcyclohexane	7.44	83	688996	143.274	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.12	78	1834547	148.247	ug/l	100
41) Methacrylonitrile	5.01	41	284110	115.759	ug/l	99
42) 1,2-Dichloroethane	6.16	62	618923	130.973	ug/l	99
43) Isopropyl Acetate	6.42	43	907061	122.865	ug/l	99
44) Trichloroethene	7.19	130	545786	152.411	ug/l	99
45) 1,2-Dichloropropane	7.49	63	440932	132.081	ug/l	98
46) Dibromomethane	7.64	93	336219	145.172	ug/l	98
47) Bromodichloromethane	7.88	83	684278	146.773	ug/l	98
48) Methyl methacrylate	7.75	41	431301	120.867	ug/l	99
49) 1,4-Dioxane	7.74	88	192424	3070.641	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2515289	573.430	ug/l	99
52) Toluene	8.77	92	1251661	159.280	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	771097	145.700	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	802778	147.074	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	497621	153.497	ug/l	99
56) Ethyl methacrylate	9.16	69	720593	151.014	ug/l	100
57) 1,3-Dichloropropane	9.35	76	789709	145.871	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2003877	793.577	ug/l	99
59) 2-Hexanone	9.48	43	1851611	557.501	ug/l	99
60) Dibromochloromethane	9.57	129	577276	150.694	ug/l	99
61) 1,2-Dibromoethane	9.65	107	535164	155.153	ug/l	99
64) Tetrachloroethene	9.32	164	469708	144.801	ug/l	92
65) Chlorobenzene	10.12	112	1355460	157.717	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	503436	147.987	ug/l	99
67) Ethyl Benzene	10.24	91	2357534	159.299	ug/l	99
68) m/p-Xylenes	10.34	106	1848071	327.650	ug/l	98
69) o-Xylene	10.68	106	891928	167.141	ug/l	96
70) Stvrene	10.70	104	1501871	164.119	ug/l	99
71) Bromoform	10.84	173	414178	146.468	ug/l #	100
73) Isopropylbenzene	11.00	105	2329151	165.995	ug/l	98
74) N-amyl acetate	10.88	43	720442	120.371	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	675519	147.196	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	579340m	133.860	ug/l	
77) Bromobenzene	11.24	156	580974	151.826	ug/l	96
78) n-propylbenzene	11.34	91	2548567	156.326	ug/l	98
79) 2-Chlorotoluene	11.41	91	1448140	147.492	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1917969	160.972	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	249758	147.727	ug/l	97
82) 4-Chlorotoluene	11.49	91	1754320	150.358	ug/l	99
83) tert-Butylbenzene	11.76	119	1899686	163.599	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1892335	158.054	ug/l	99
85) sec-Butylbenzene	11.93	105	2241945	163.019	ug/l	99
86) p-Isopropyltoluene	12.05	119	2071276	164.584	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1021368	148.772	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1049008	150.504	ug/l	98
89) n-Butylbenzene	12.37	91	1858626	159.839	ug/l	99
90) Hexachloroethane	12.58	117	344725	141.090	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	1002624	155.357	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	160703	147.346	ug/l	95
93) 1,2,4-Trichlorobenzene	13.63	180	760882	168.427	ug/l	99

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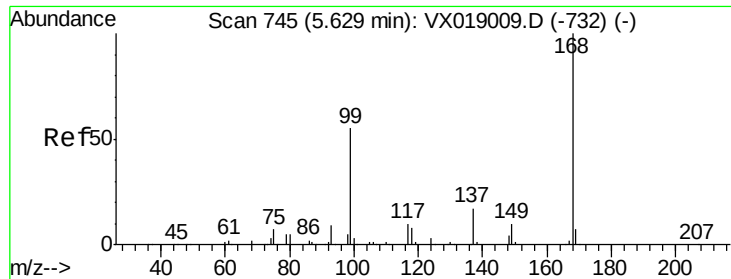
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	324181	169.083	ug/l	98
95) Naphthalene	13.82	128	2418092	176.964	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	745881	172.793	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 270163

Ion Ratio Lower Upper

168 100

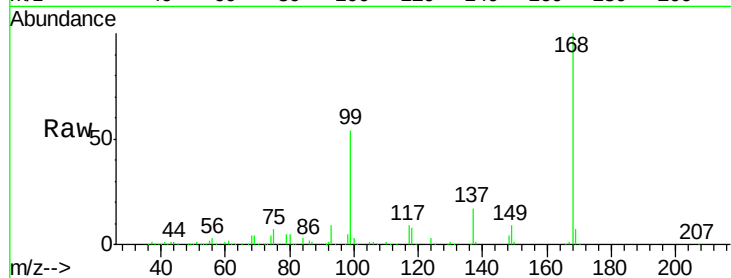
99 54.1 44.2 66.2

Manual Integrations

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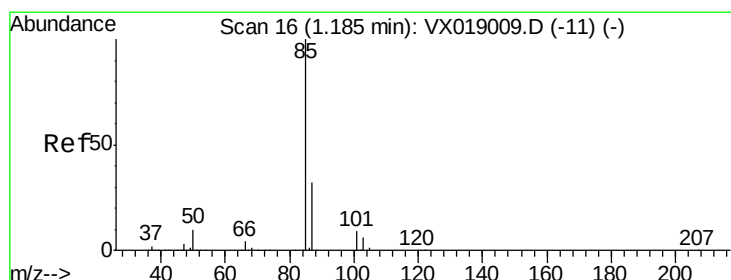
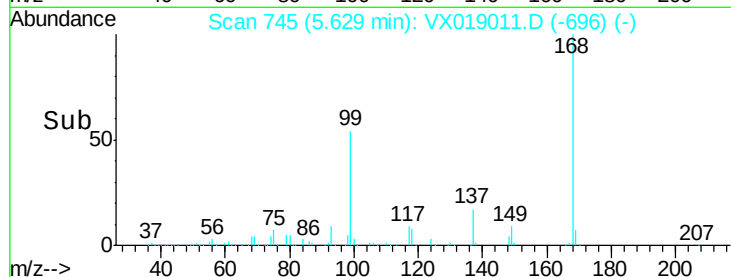
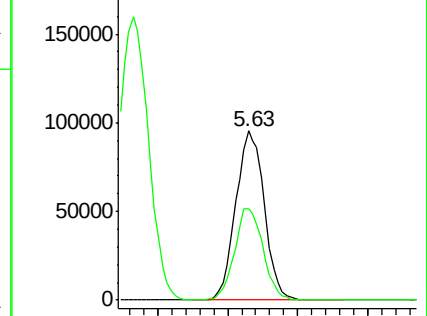
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 164.735 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019011.D

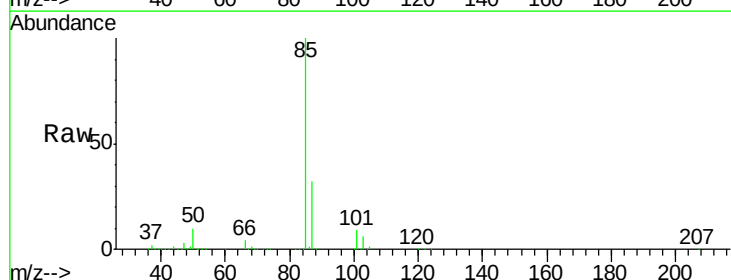
Acq: 21 Oct 2020 19:52

Tgt Ion: 85 Resp: 423419

Ion Ratio Lower Upper

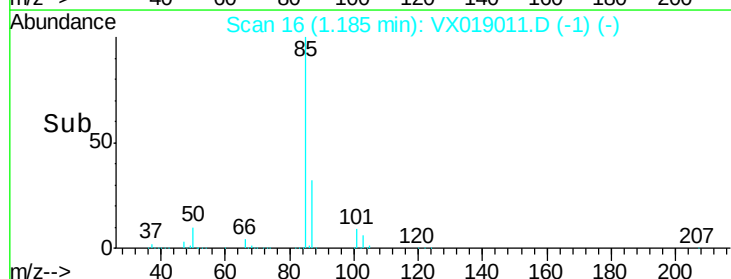
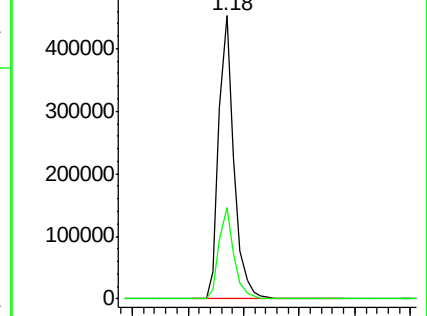
85 100

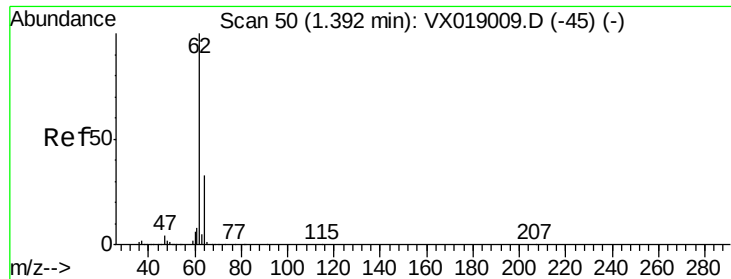
87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#4

Vinyl Chloride

Concen: 150.889 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 62 Resp: 480021

Ion Ratio Lower Upper

62 100

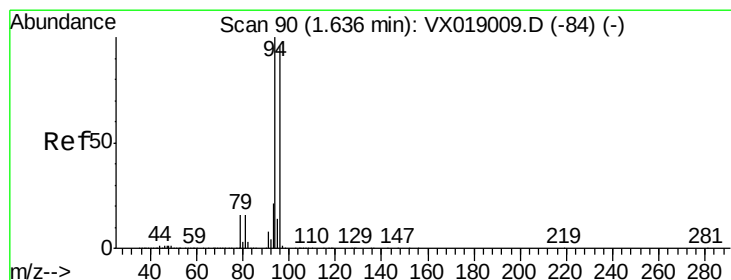
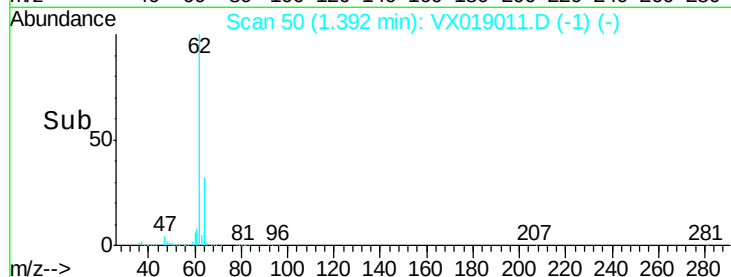
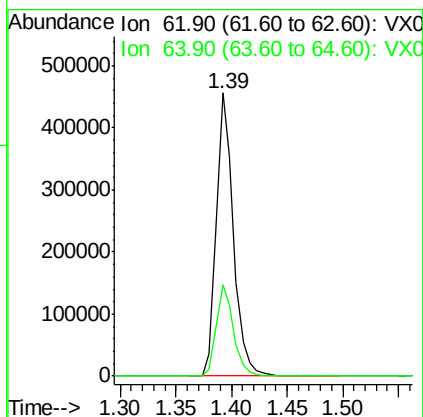
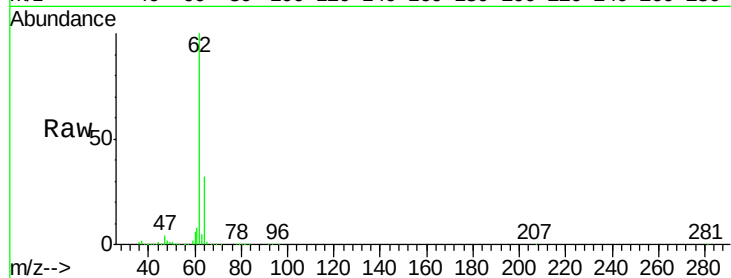
64 32.1 26.5 39.7

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#5

Bromomethane

Concen: 183.247 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019011.D

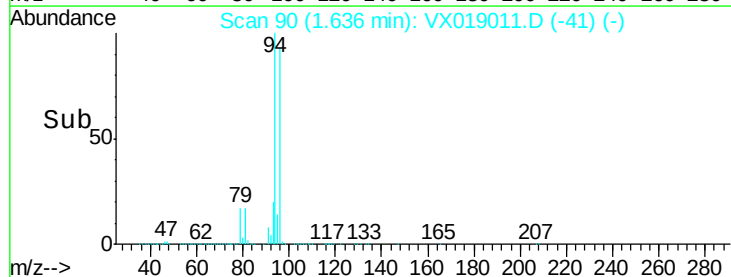
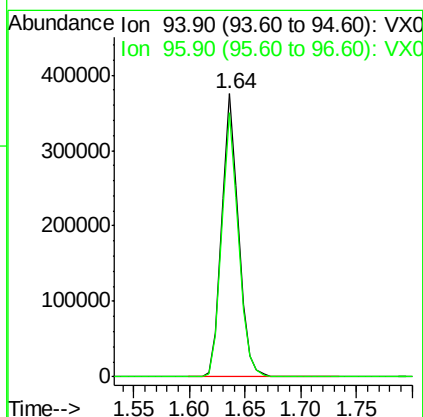
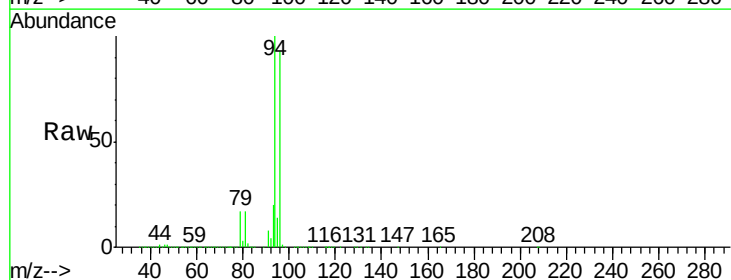
Acq: 21 Oct 2020 19:52

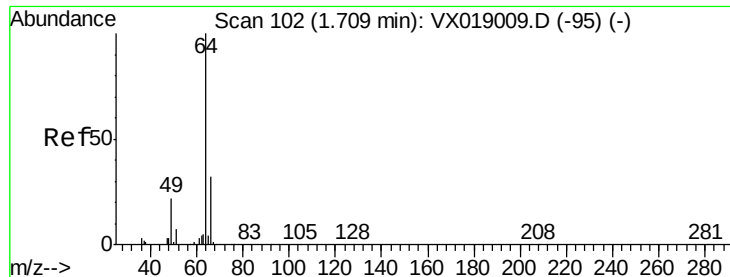
Tgt Ion: 94 Resp: 391313

Ion Ratio Lower Upper

94 100

96 93.1 77.1 115.7





#6

Chloroethane

Concen: 91.808 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 64 Resp: 171678

Ion Ratio Lower Upper

64 100

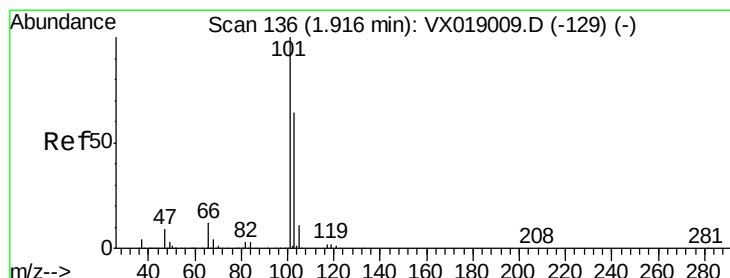
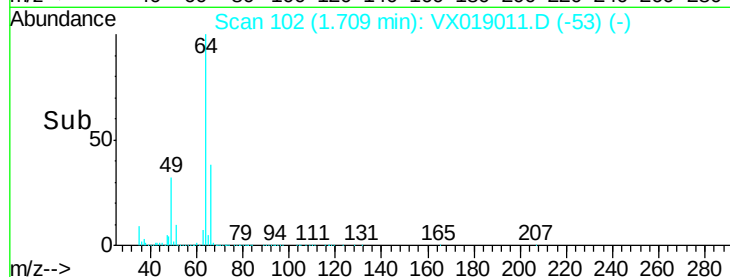
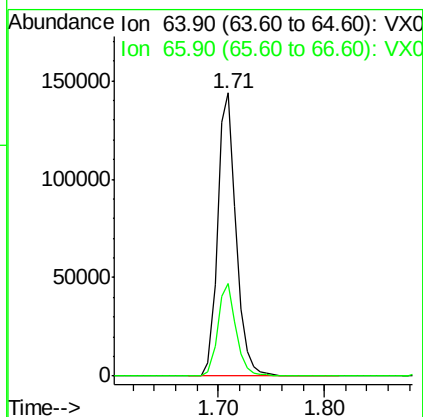
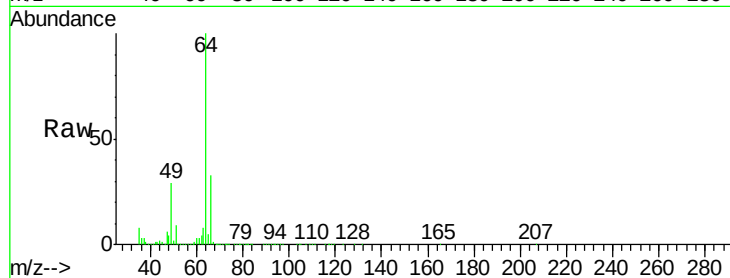
66 32.8 25.7 38.5

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 164.223 ug/l

RT: 1.91 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX019011.D

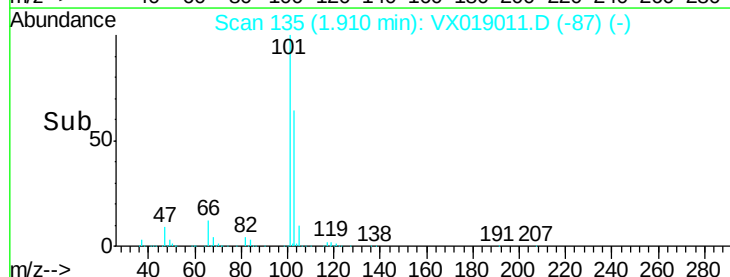
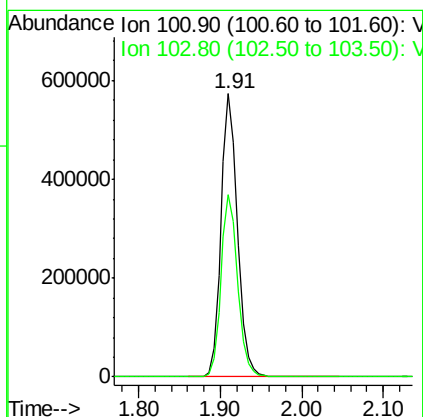
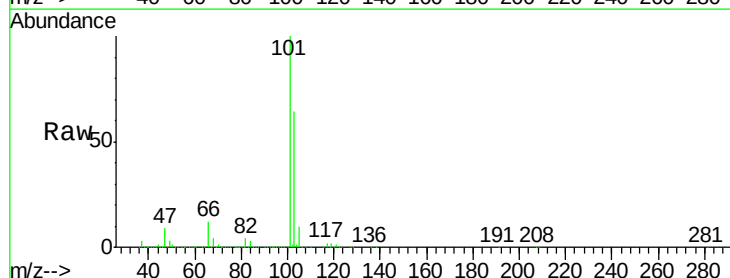
Acq: 21 Oct 2020 19:52

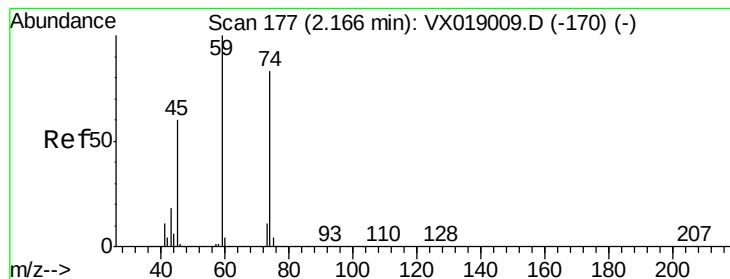
Tgt Ion: 101 Resp: 807535

Ion Ratio Lower Upper

101 100

103 64.3 51.2 76.8





#8

Diethyl Ether

Concen: 175.678 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 74 Resp: 309941

Ion Ratio Lower Upper

74 100

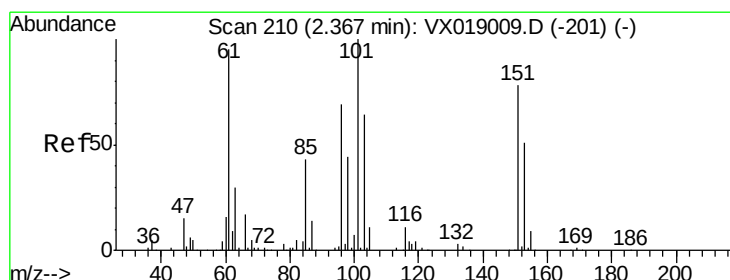
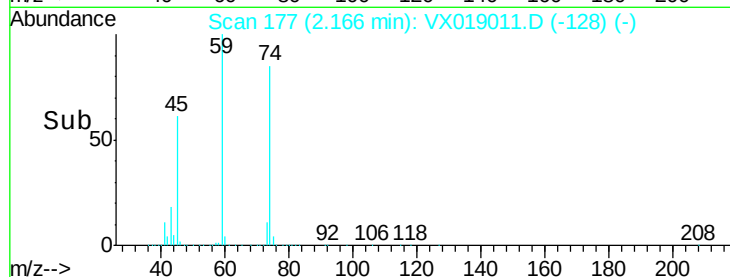
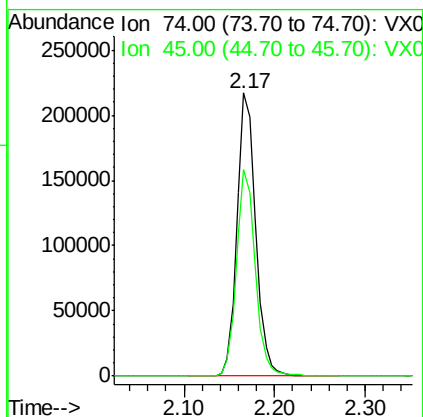
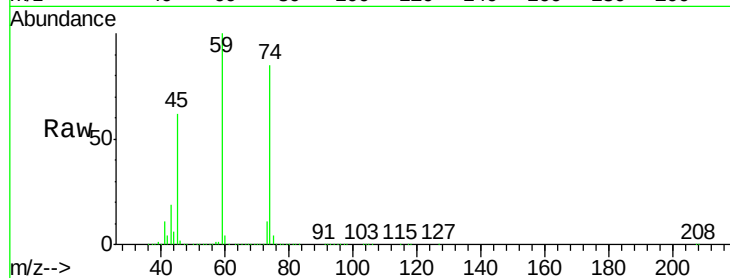
45 73.2 36.8 110.4

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 149.172 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

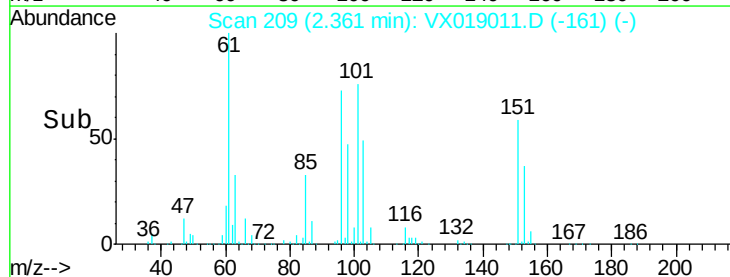
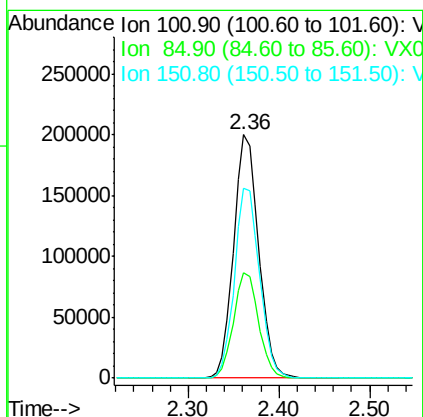
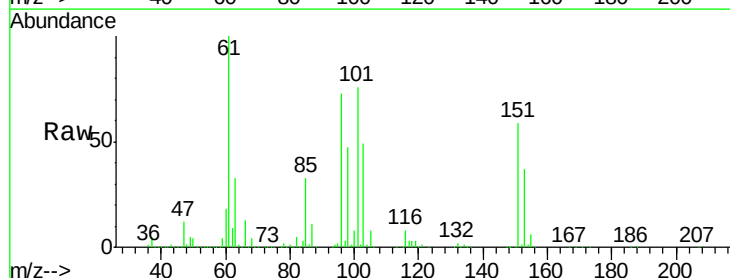
Tgt Ion: 101 Resp: 383730

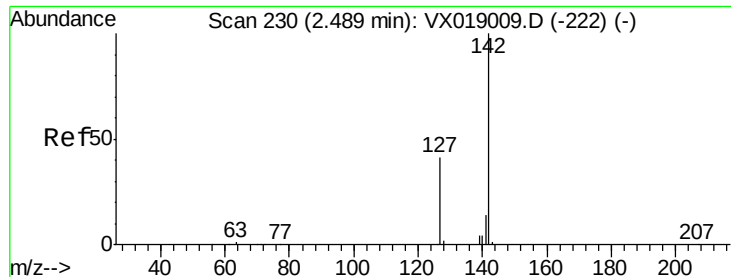
Ion Ratio Lower Upper

101 100

85 43.3 35.2 52.8

151 78.4 62.4 93.6





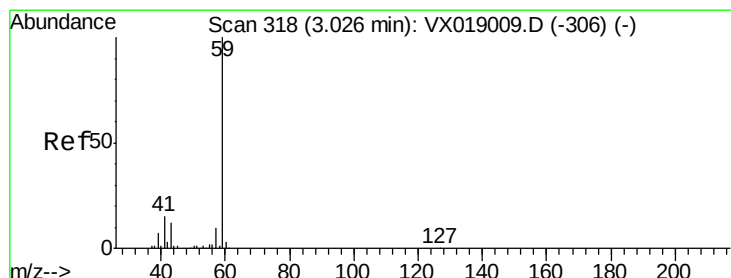
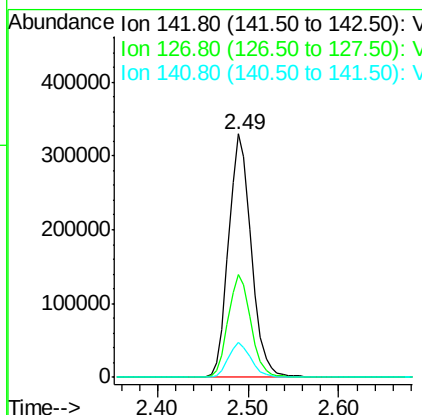
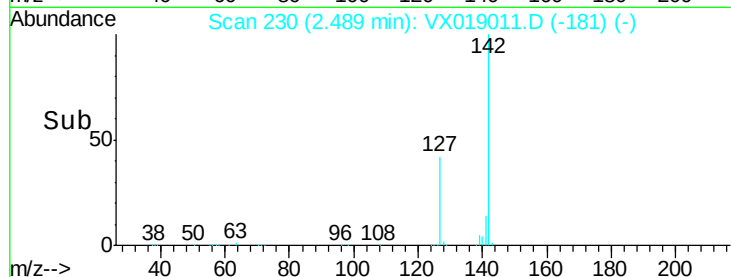
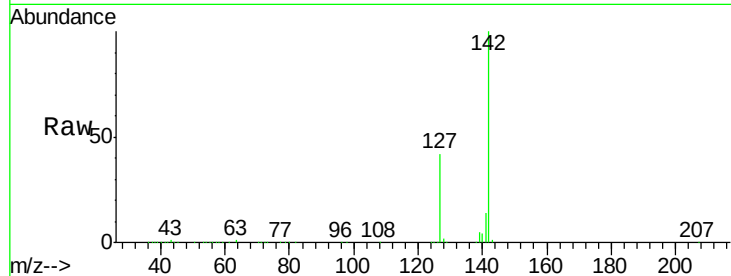
#10
Methvl Iodide
Concen: 201.767 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
142	100		
127	42.2	33.6	50.4
141	14.1	11.2	16.8

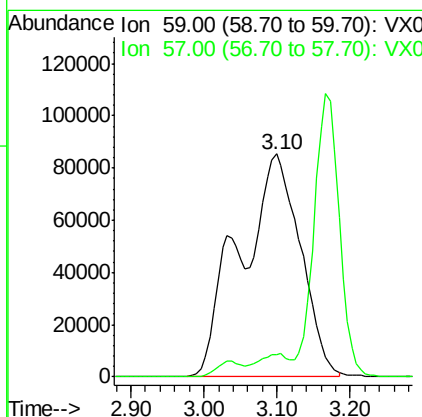
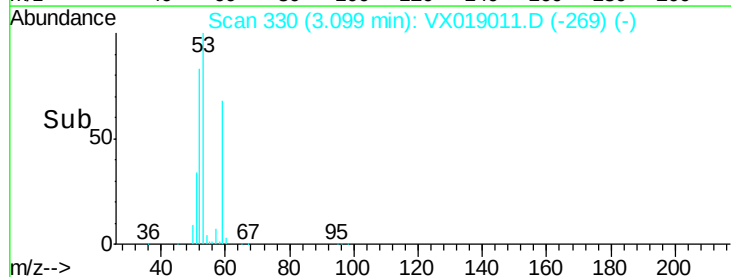
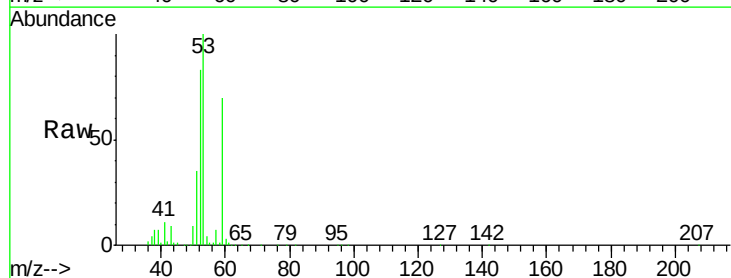
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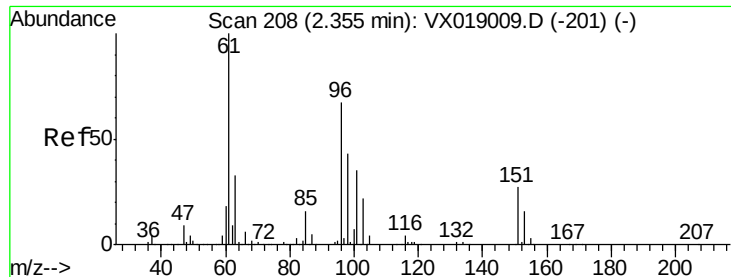
MMDadoda
10/22/2020 1:22:06 PM



#11
Tert butyl alcohol
Concen: 741.831 ug/l m
RT: 3.10 min Scan# 330
Delta R.T. 0.07 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion	Ratio	Lower	Upper
59	100		
57	3.0	8.2	12.2#





#12

1,1-Dichloroethene

Concen: 154.048 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

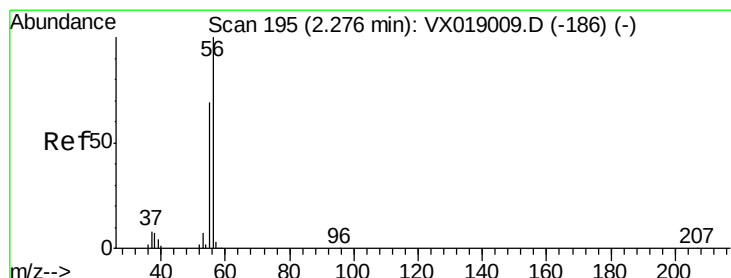
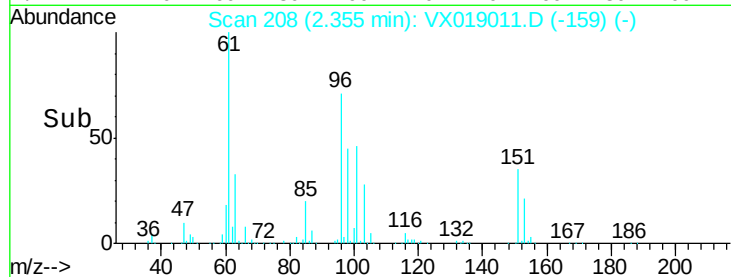
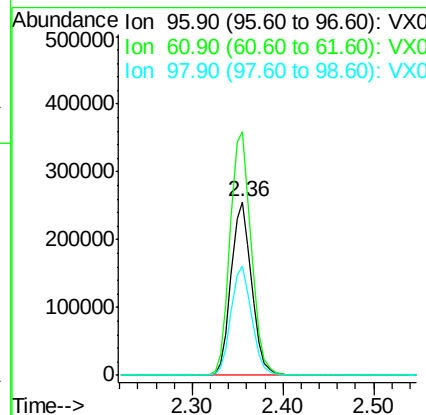
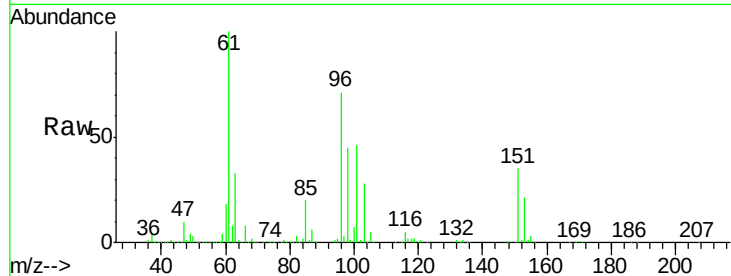
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	401753
Ion Ratio	Lower	Upper	
96	100		
61	140.6	119.0	178.6
98	63.0	51.0	76.4

Manual Integrations
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#13

Acrolein

Concen: 510.105 ug/l

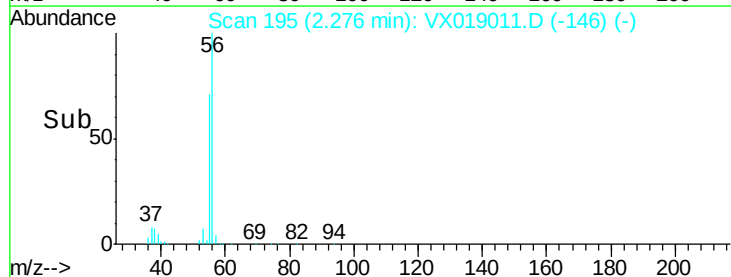
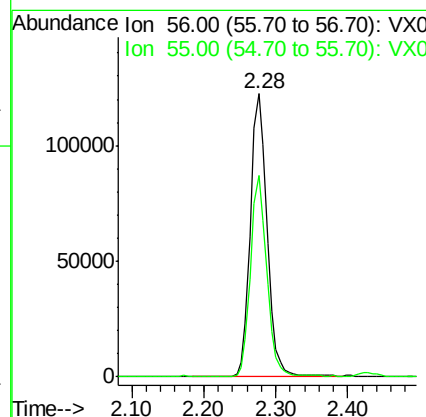
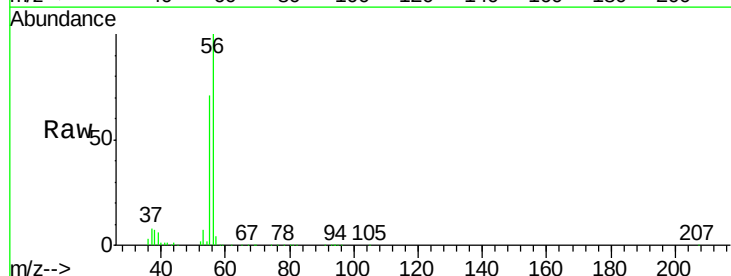
RT: 2.28 min Scan# 195

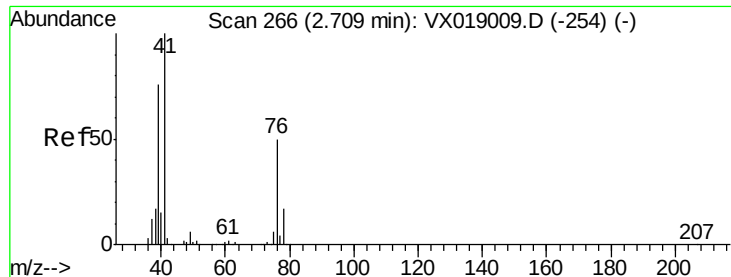
Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Tgt Ion:	56	Resp:	196138
Ion Ratio	Lower	Upper	
56	100		
55	69.5	54.2	81.4





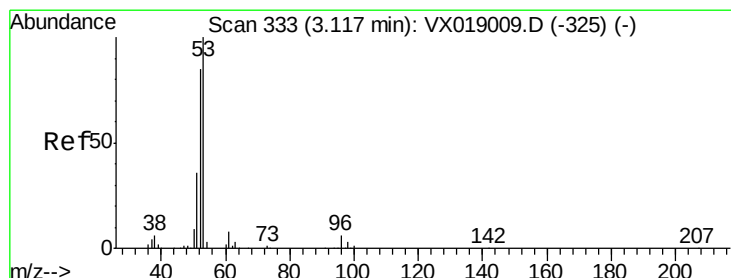
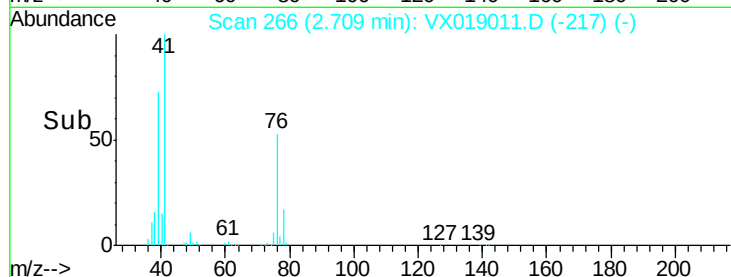
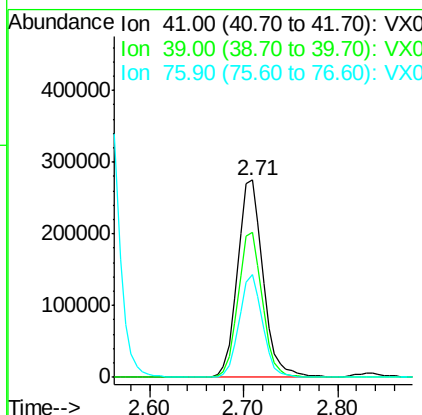
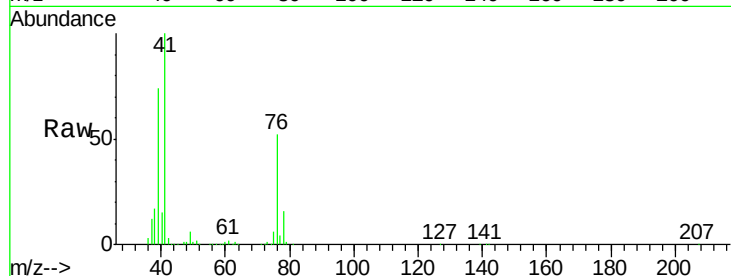
#14
Allvl chloride
Concen: 108.494 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	69.8	57.4	86.0
76	47.4	37.7	56.5

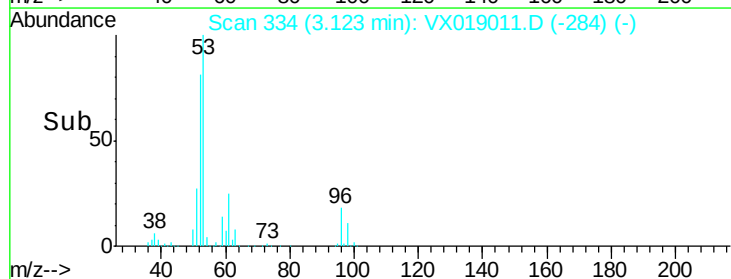
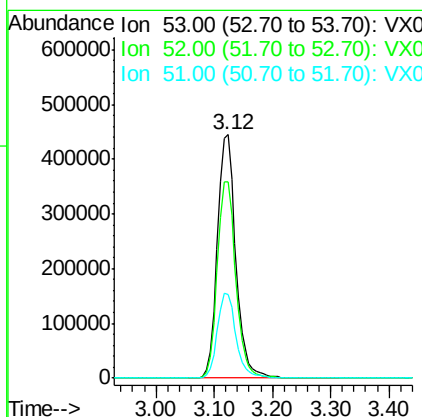
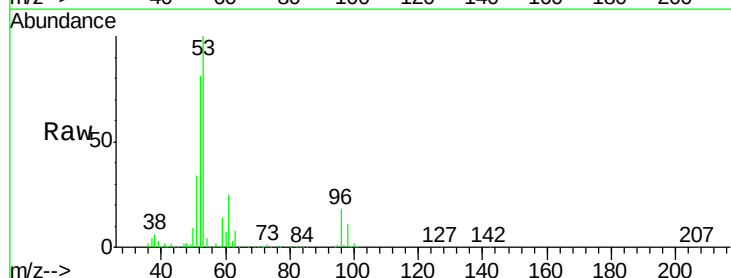
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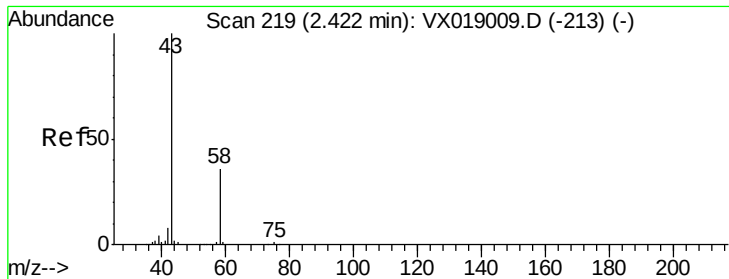
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#15
Acrylonitrile
Concen: 634.436 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.9	98.9
51	35.5	28.3	42.5





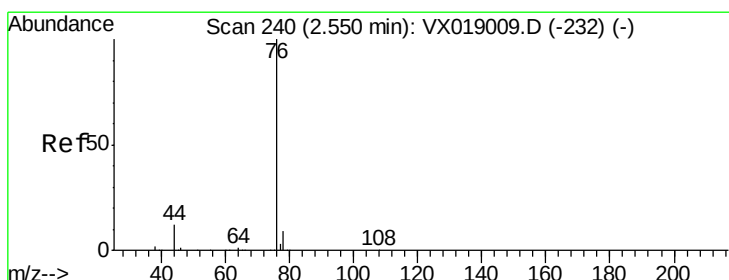
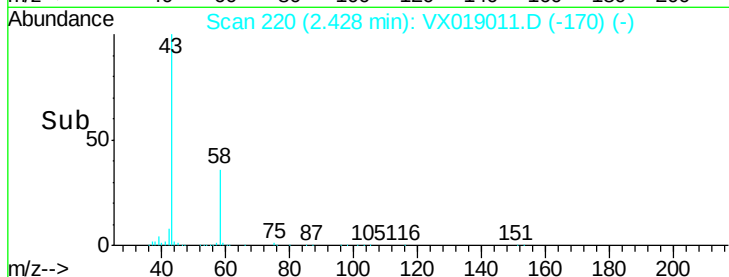
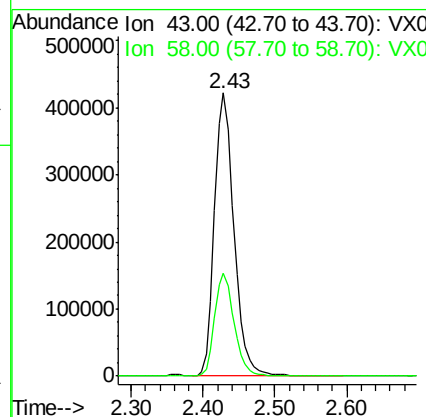
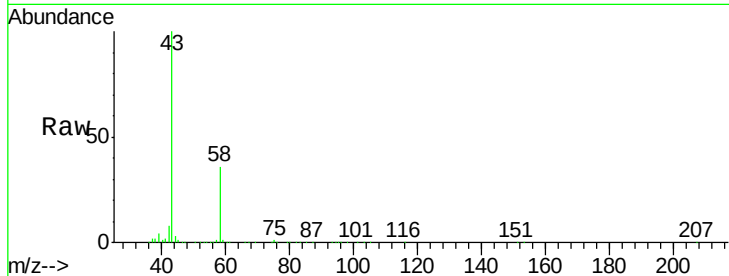
#16
Acetone
Concen: 565.080 ug/l
RT: 2.43 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 791805
Ion Ratio Lower Upper
43 100
58 36.4 28.6 42.8

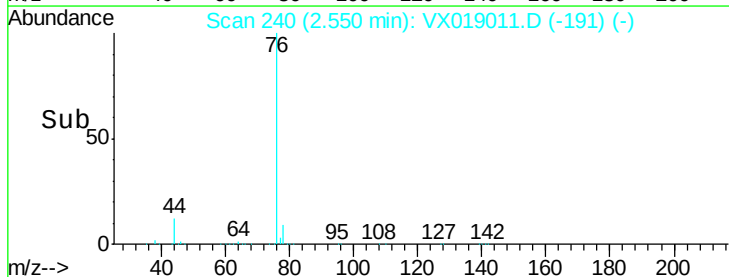
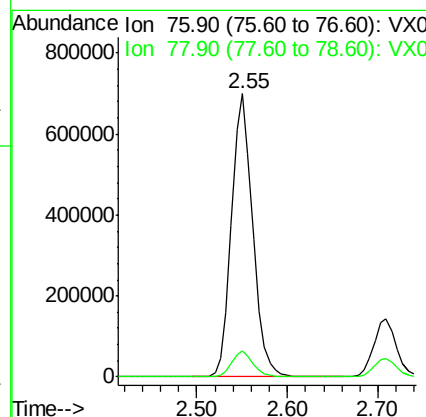
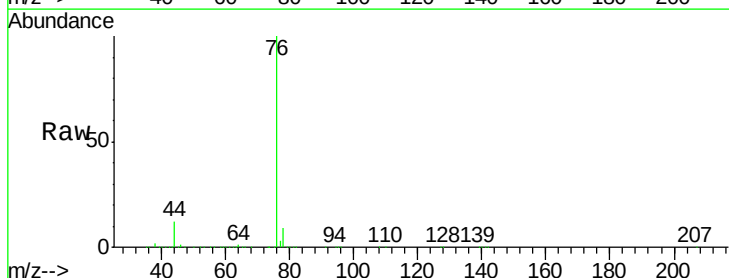
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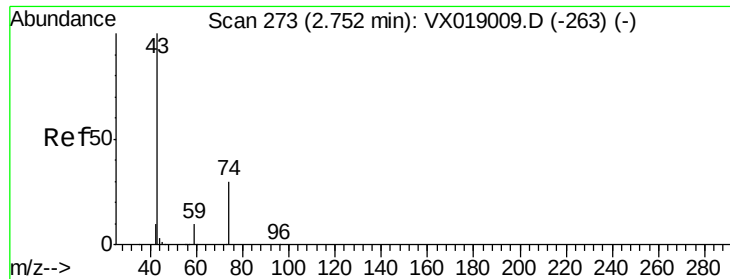
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#17
Carbon Disulfide
Concen: 146.724 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion: 76 Resp: 1134366
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7





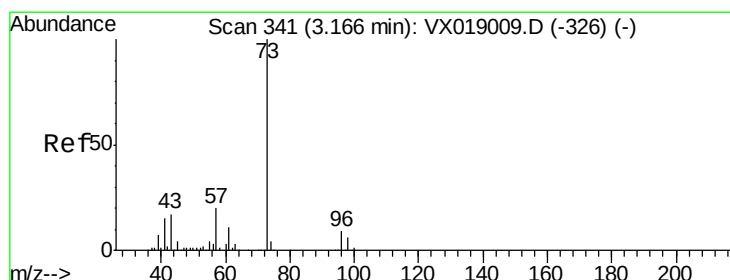
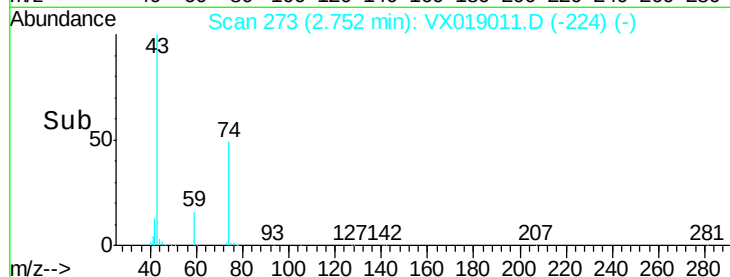
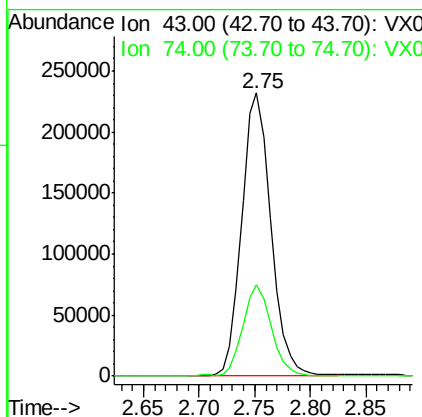
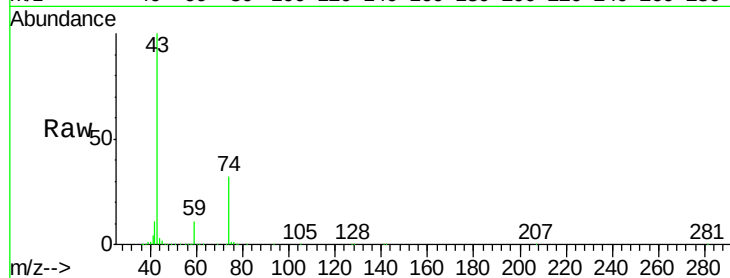
#18
Methyl Acetate
Concen: 121.431 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 421892
Ion Ratio Lower Upper
43 100
74 31.8 24.9 37.3

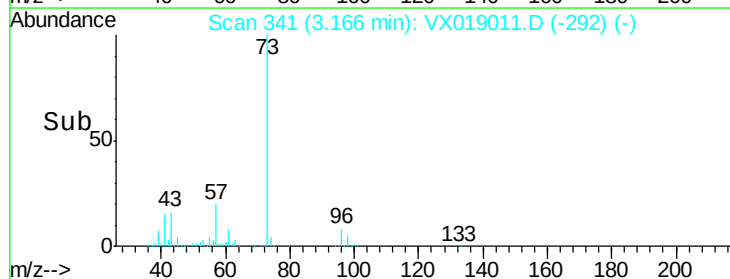
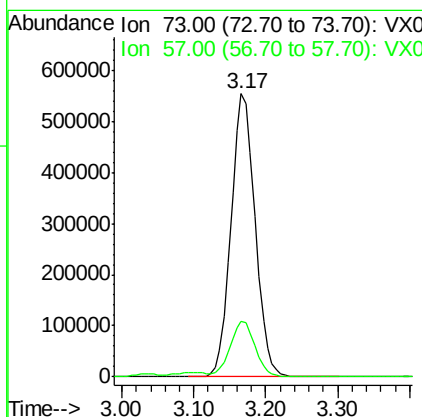
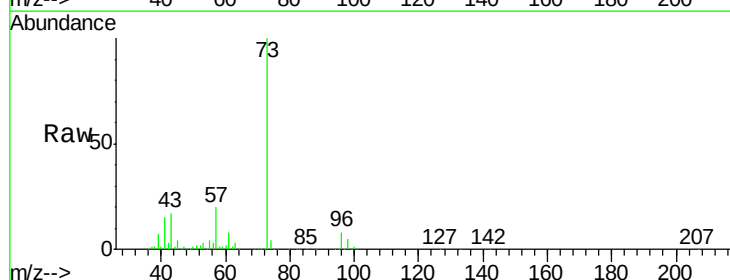
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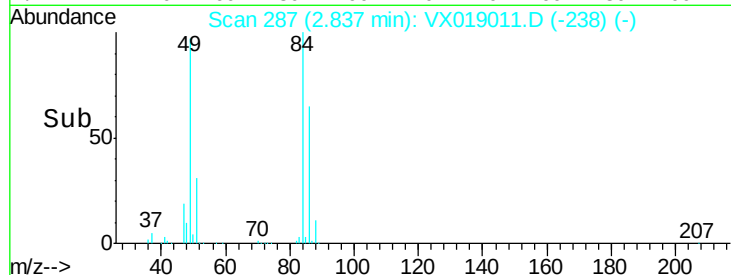
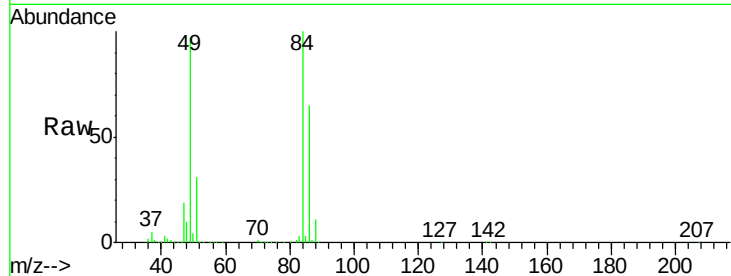
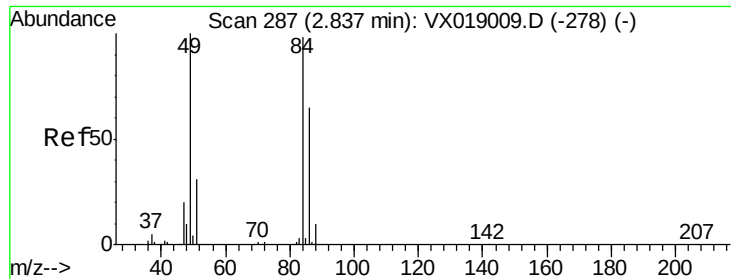
MMDadoda
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#19
Methyl tert-butyl Ether
Concen: 142.977 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

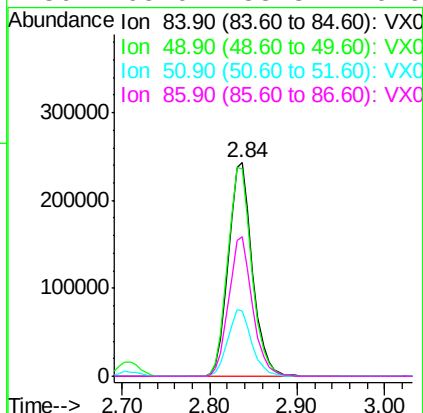
Tgt Ion: 73 Resp: 1287679
Ion Ratio Lower Upper
73 100
57 19.6 16.2 24.2





#20
Methylene Chloride
Concen: 144.200 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

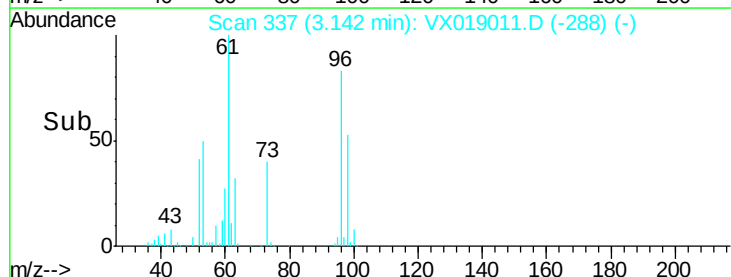
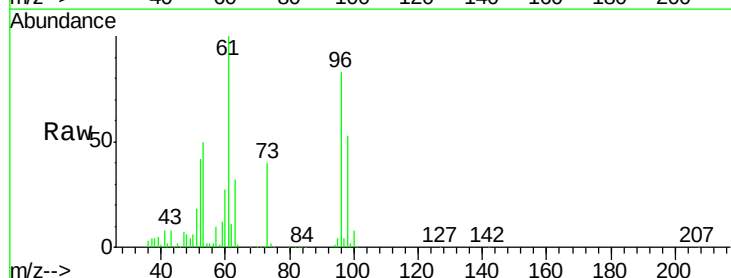
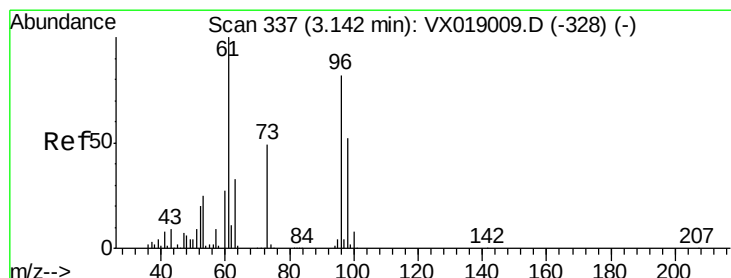
Tot Ion	84	Resp	462702
Ion Ratio	Lower	Upper	
84	100		
49	97.2	81.6	122.4
51	30.9	25.6	38.4
86	65.0	53.3	79.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

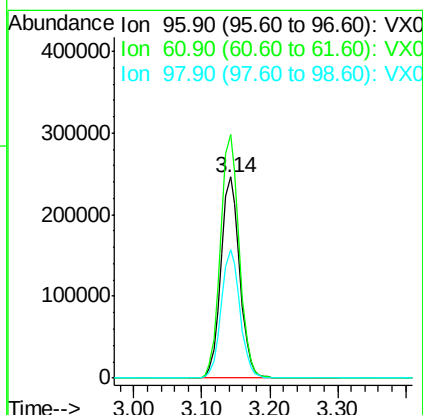
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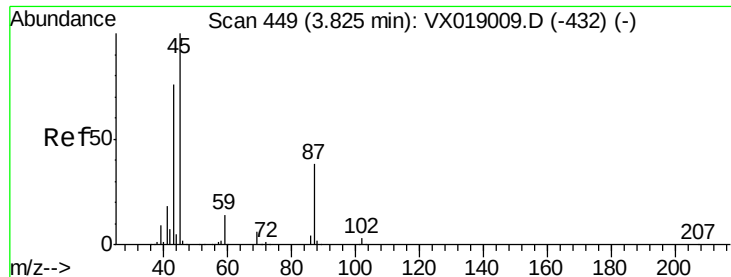
MMDadoda
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#21
trans-1,2-Dichloroethene
Concen: 154.766 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion	96	Resp	471431
Ion Ratio	Lower	Upper	
96	100		
61	121.0	97.8	146.6
98	64.0	50.7	76.1





#22

Diisopropyl ether

Concen: 114.220 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 45 Resp: 1033316

Ion Ratio Lower Upper

45 100

43 79.2 60.4 90.6

87 37.3 30.4 45.6

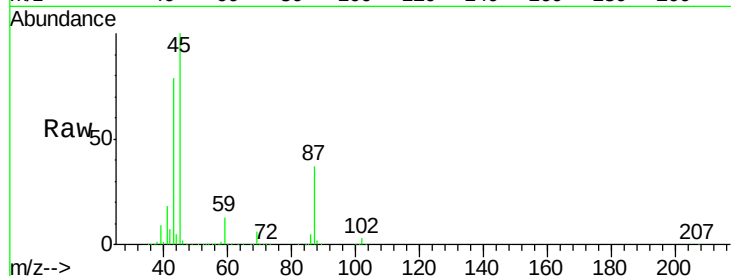
59 13.5 11.2 16.8

Manual Integrations

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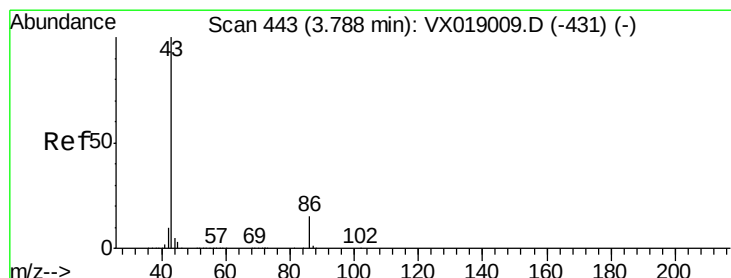
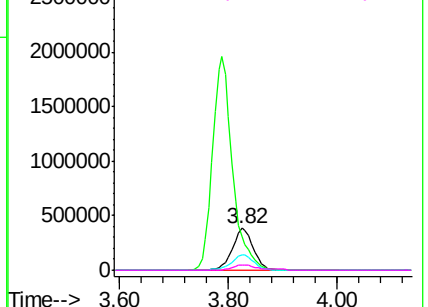
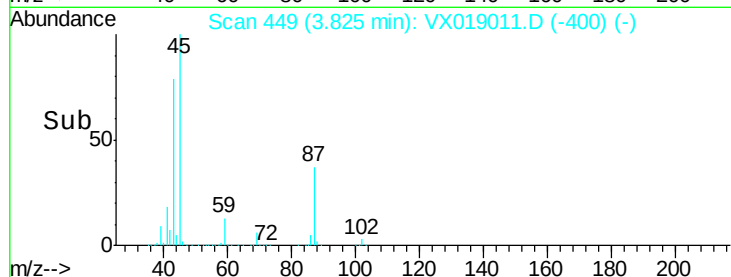


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#23

Vinyl Acetate

Concen: 617.284 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX019011.D

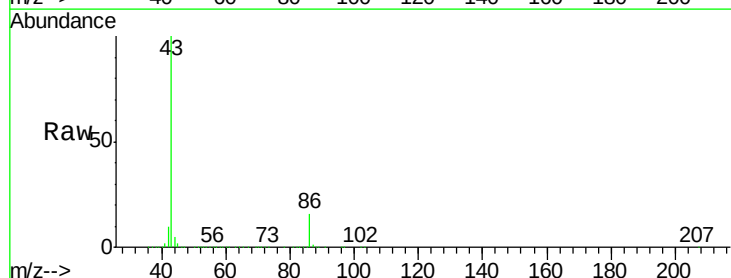
Acq: 21 Oct 2020 19:52

Tgt Ion: 43 Resp: 4974707

Ion Ratio Lower Upper

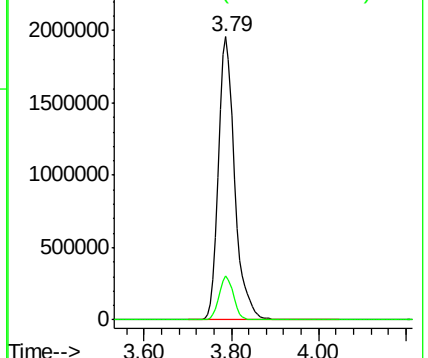
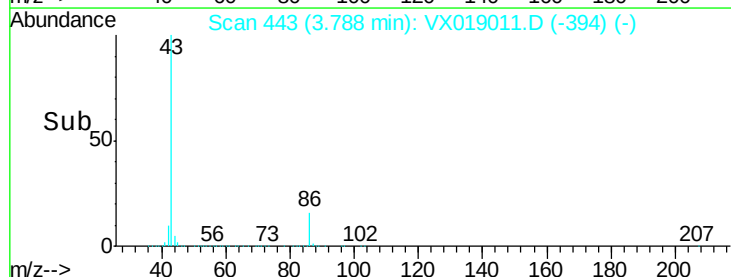
43 100

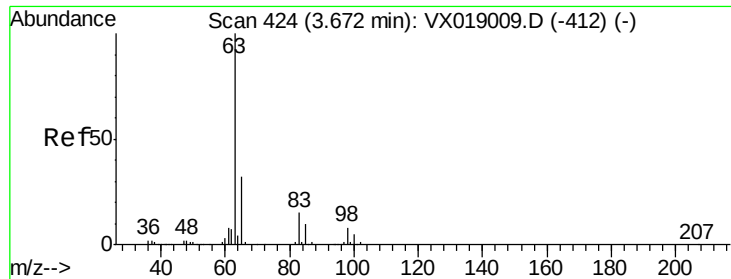
86 15.6 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#24

1,1-Dichloroethane

Concen: 137.706 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

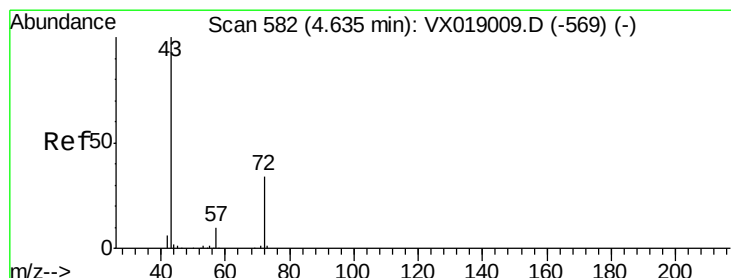
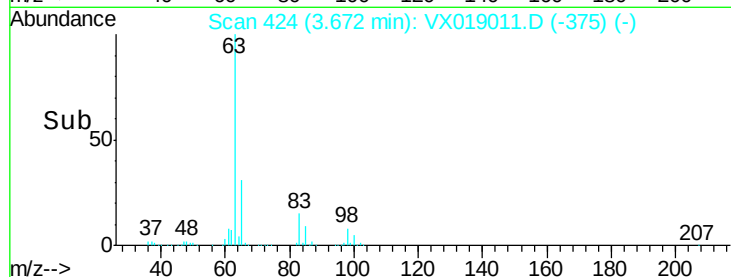
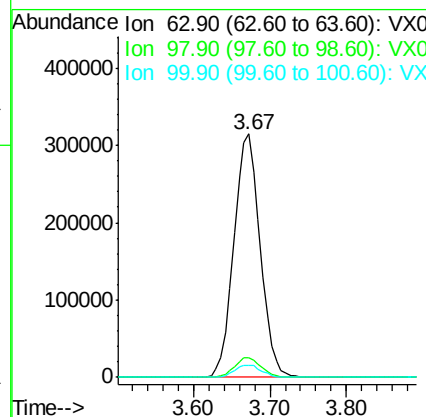
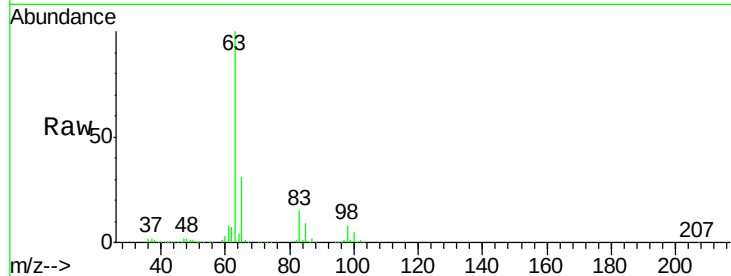
ClientSampleId :

VSTDIC150

Tot Ion:	63	Resp:	745068
Ion Ratio	Lower	Upper	
63	100		
98	8.2	4.0	12.0
100	5.1	2.5	7.4

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#25

2-Butanone

Concen: 596.117 ug/l

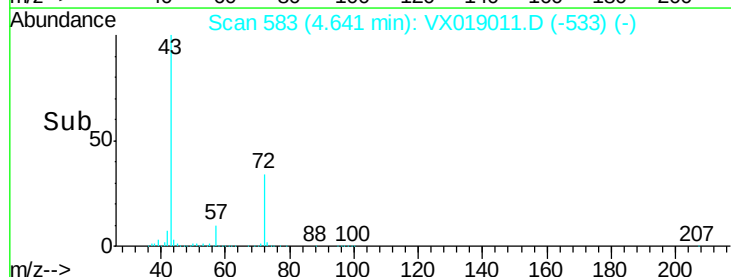
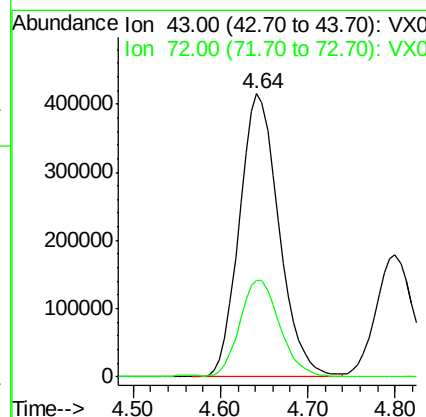
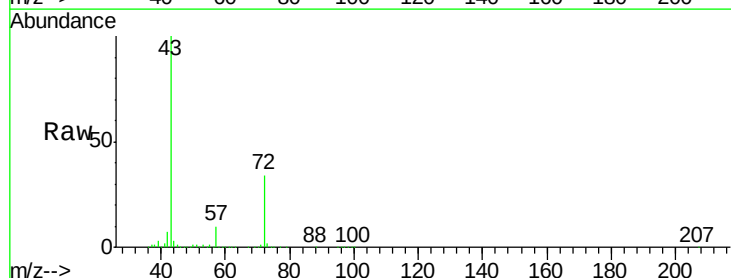
RT: 4.64 min Scan# 583

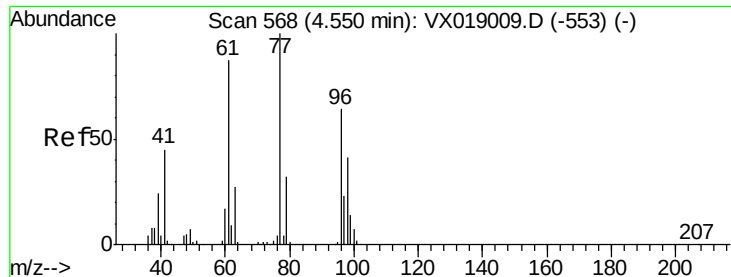
Delta R.T. 0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Tgt Ion:	43	Resp:	1302389
Ion Ratio	Lower	Upper	
43	100		
72	33.9	27.8	41.6





#26

2,2-Dichloropropane

Concen: 136.624 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 77 Resp: 684382

Ion Ratio Lower Upper

77 100

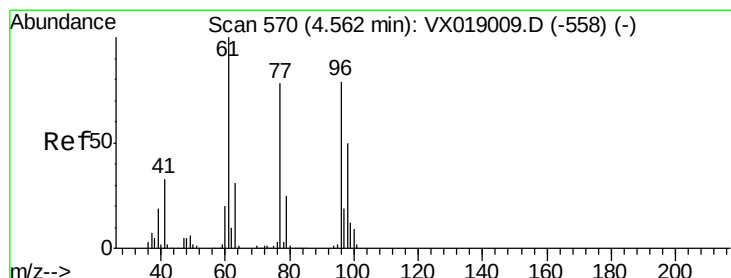
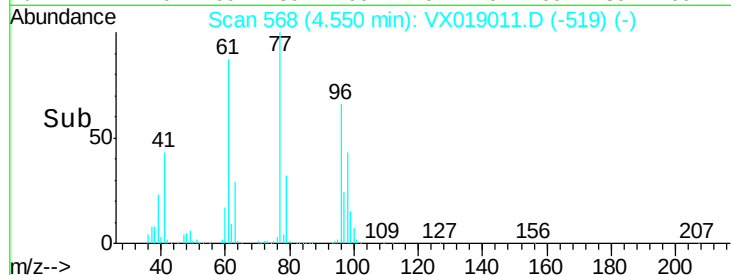
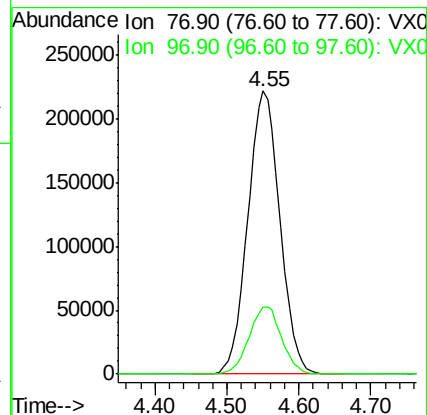
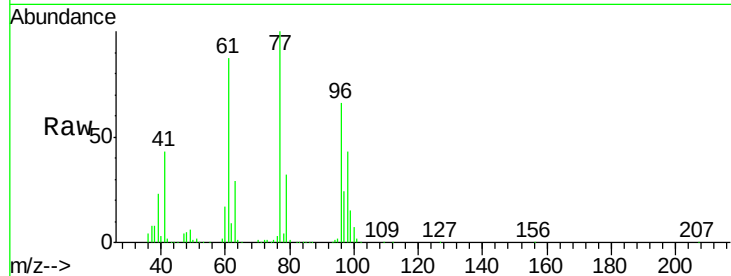
97 24.2 11.9 35.7

Manual Integrations

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#27

cis-1,2-Dichloroethene

Concen: 158.697 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

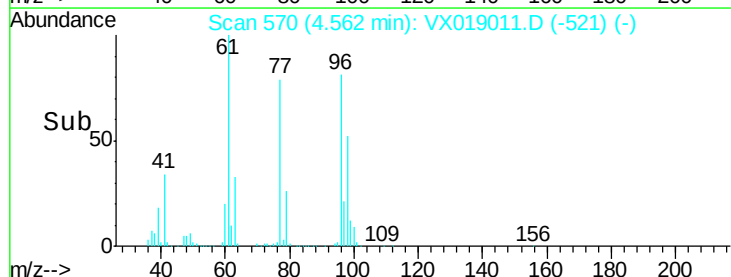
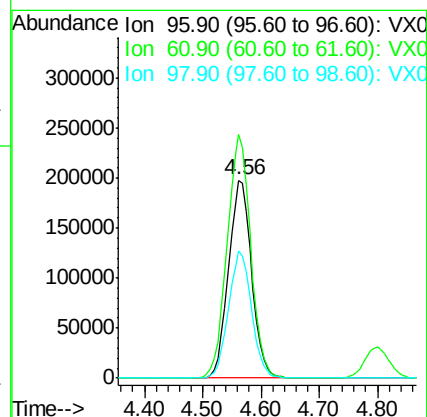
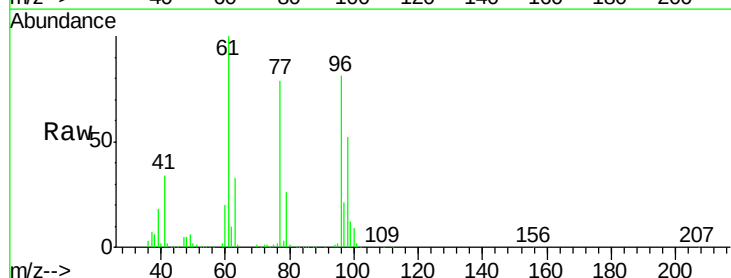
Tgt Ion: 96 Resp: 543011

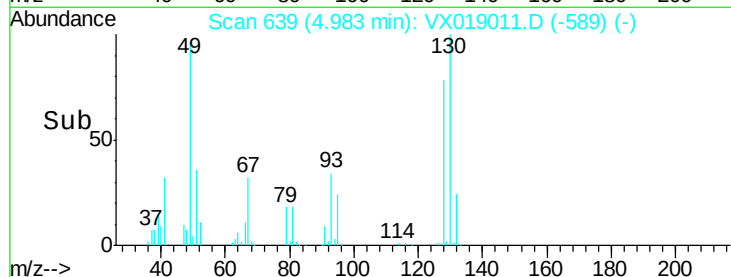
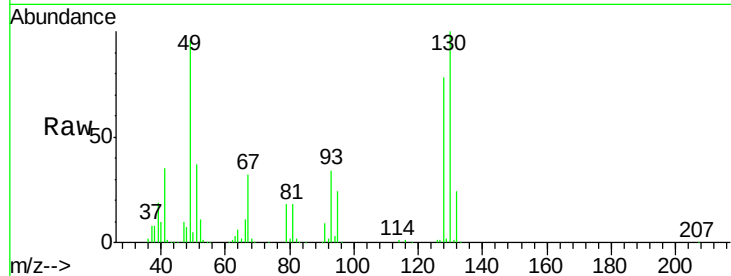
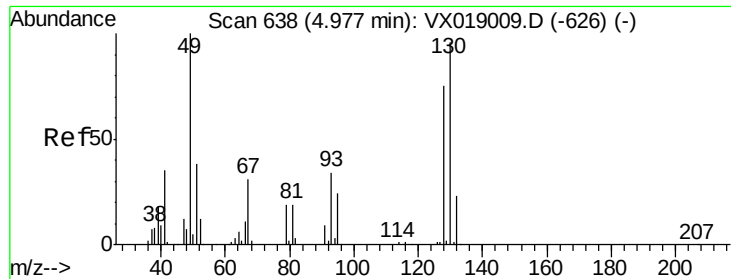
Ion Ratio Lower Upper

96 100

61 125.8 0.0 260.0

98 64.4 0.0 131.4





#28

Bromochloromethane

Concen: 131.445 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX019011.D

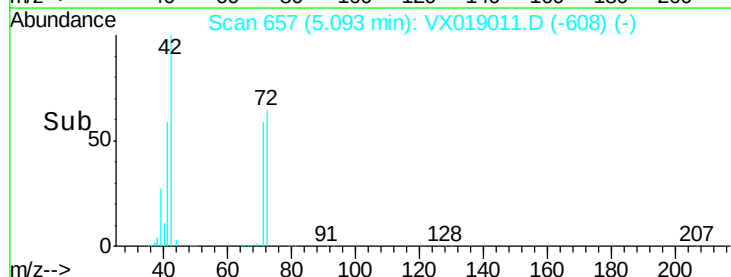
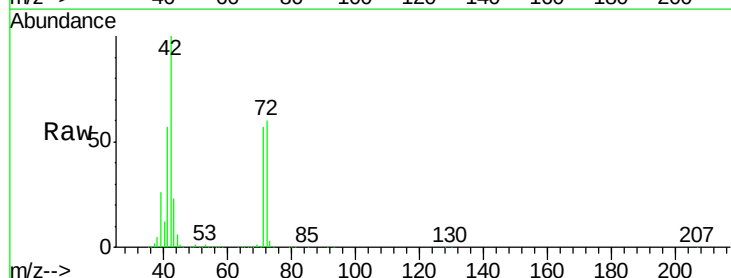
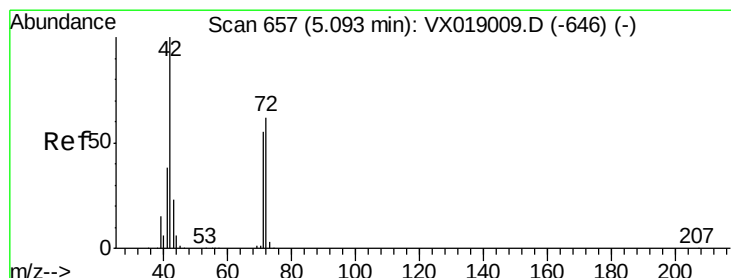
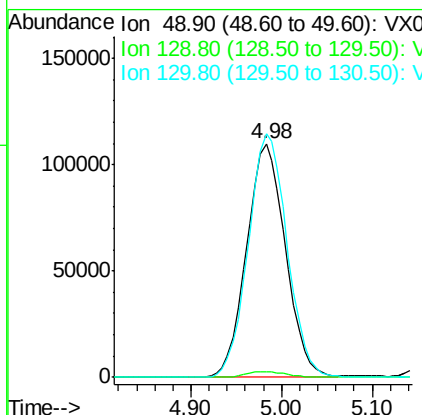
Acq: 21 Oct 2020 19:52

Tot Ion:	49	Resp:	326387
Ion Ratio	Lower	Upper	
49	100		
129	2.6	0.0	5.2
130	103.9	79.0	118.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Manual Integrations
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#29

Tetrahydrofuran

Concen: 574.173 ug/l

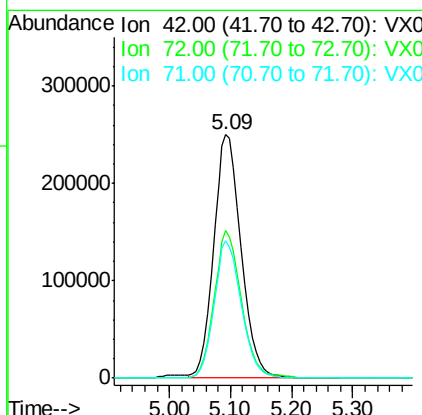
RT: 5.09 min Scan# 657

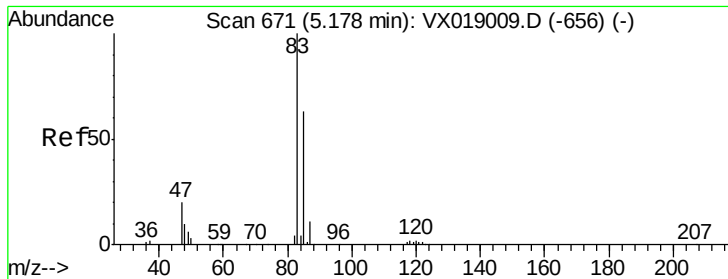
Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Tgt Ion:	42	Resp:	780057
Ion Ratio	Lower	Upper	
42	100		
72	60.4	49.1	73.7
71	55.8	44.2	66.4





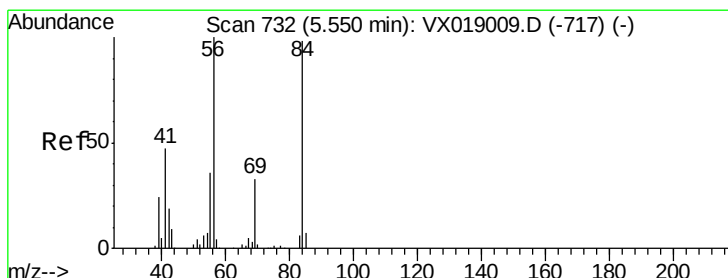
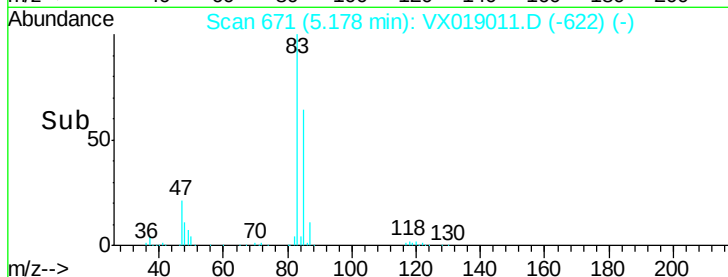
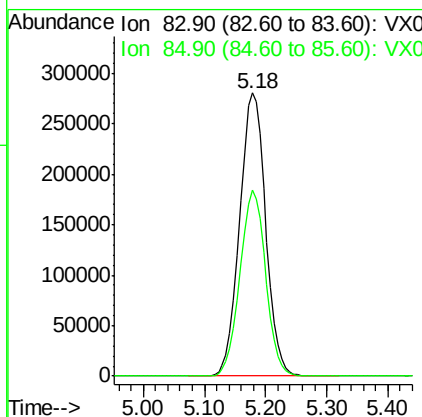
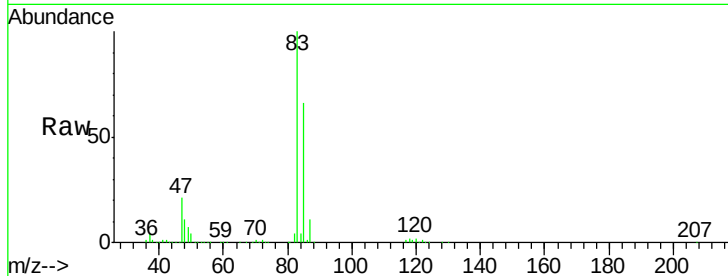
#30
Chloroform
Concen: 149.032 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	826782
Ion Ratio	100	Lower	Upper
83	100		
85	65.5	50.5	75.7

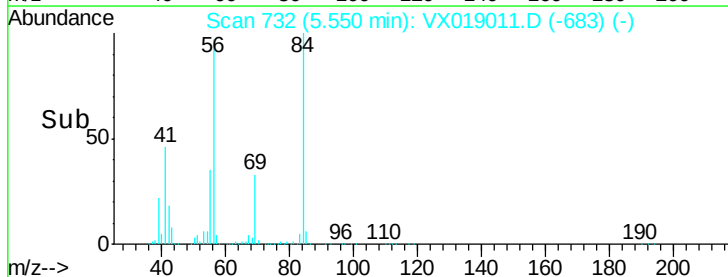
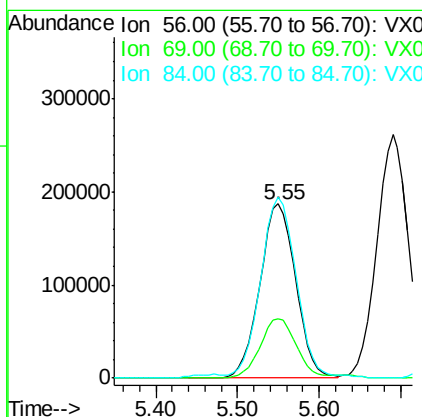
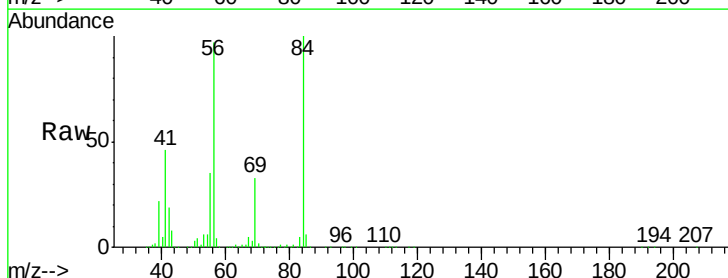
Manual Integrations
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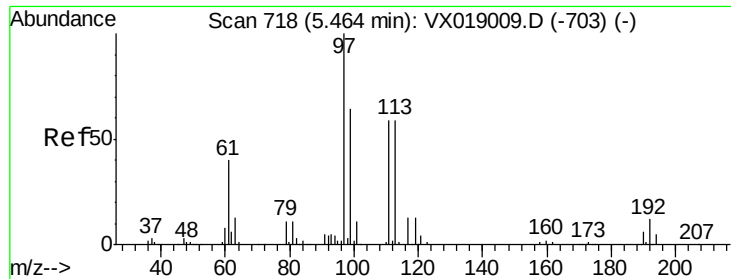
MMDadoda
10/22/2020 1:22:06 PM



#31
Cyclohexane
Concen: 128.296 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion	56	Resp	571138
Ion Ratio	100	Lower	Upper
56	100		
69	33.8	26.2	39.2
84	102.6	78.3	117.5





#32

1,1,1-Trichloroethane

Concen: 146.864 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

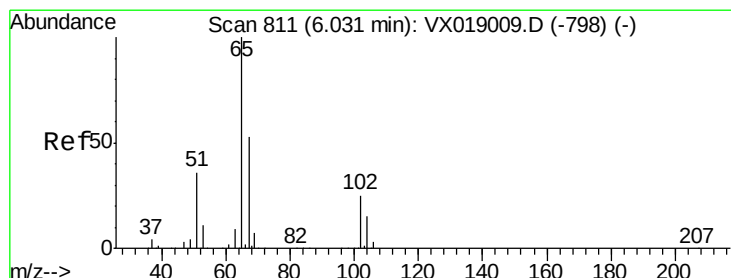
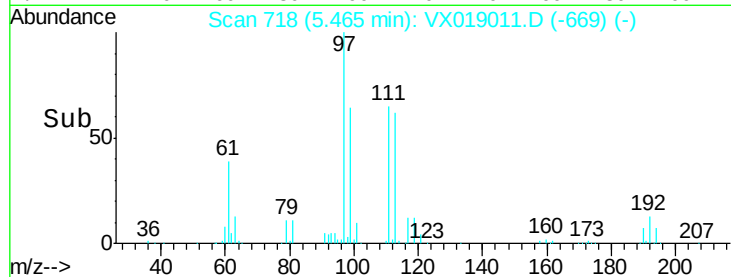
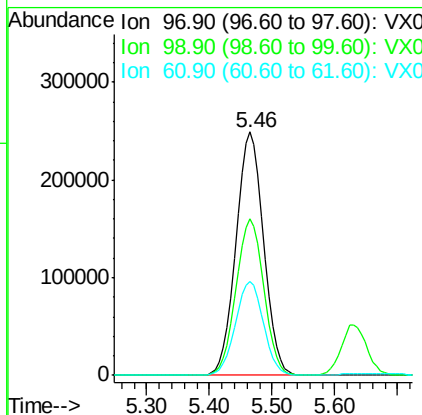
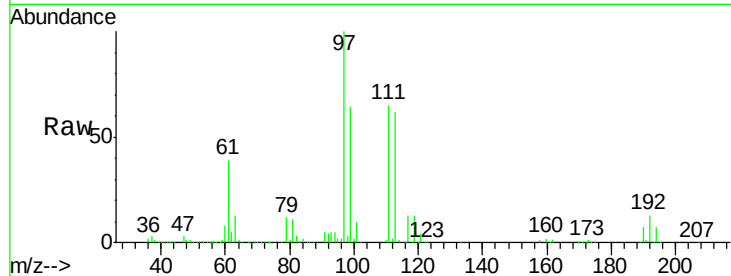
ClientSampleId :

VSTDIC150

Tot Ion:	97	Resp:	759808
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	39.2	31.9	47.9

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 133.665 ug/l

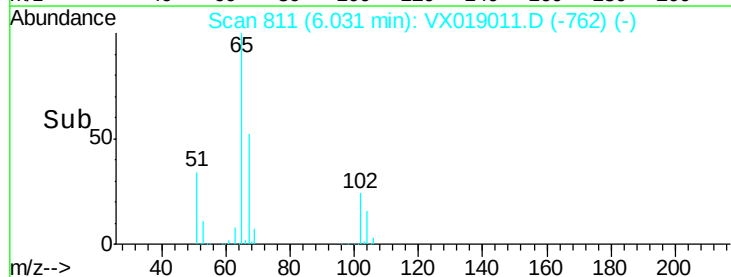
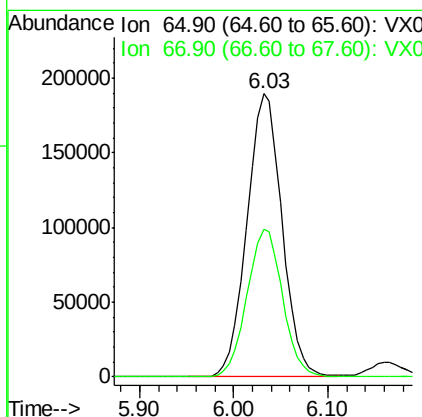
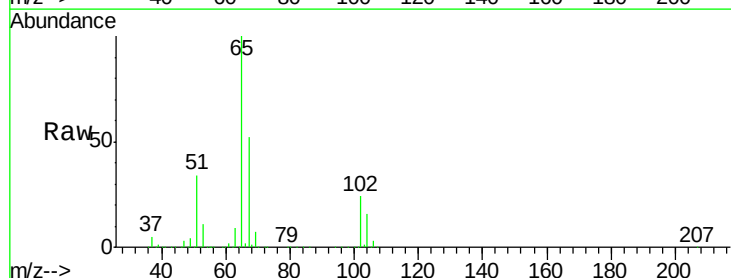
RT: 6.03 min Scan# 811

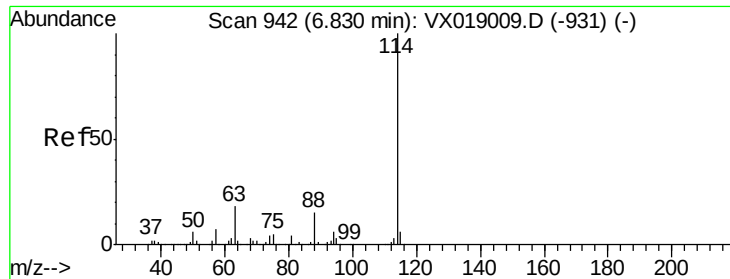
Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Tgt Ion:	65	Resp:	495782
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

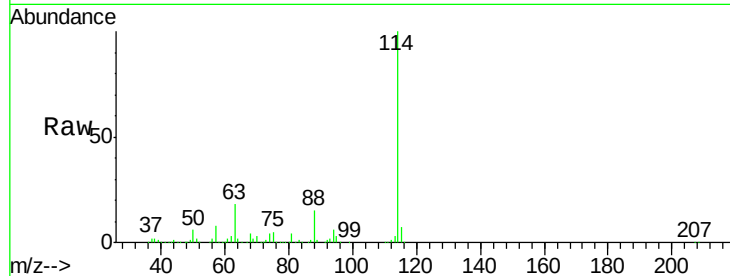
ClientSampleId :

VSTDIC150

Tot Ion:	114	Resp:	447721
Ion Ratio		Lower	Upper
114	100		
63	18.1	0.0	36.8
88	15.4	0.0	30.2

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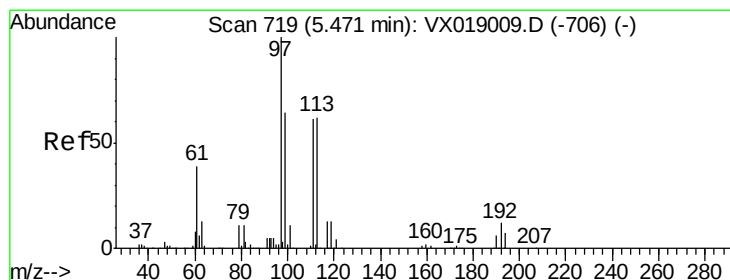
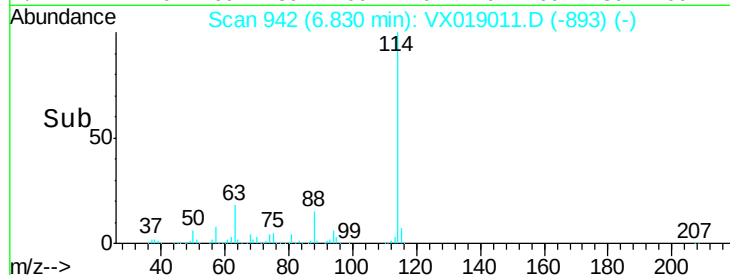
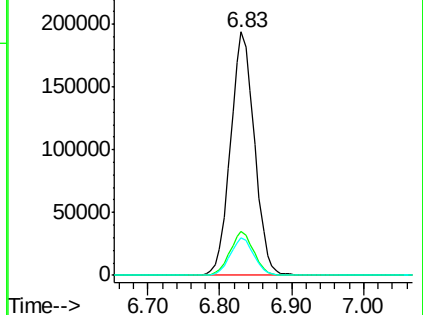
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 148.335 ug/l

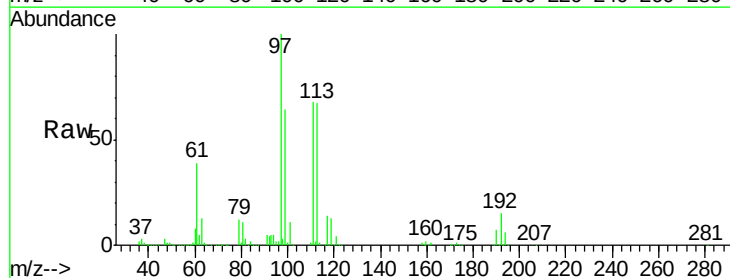
RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

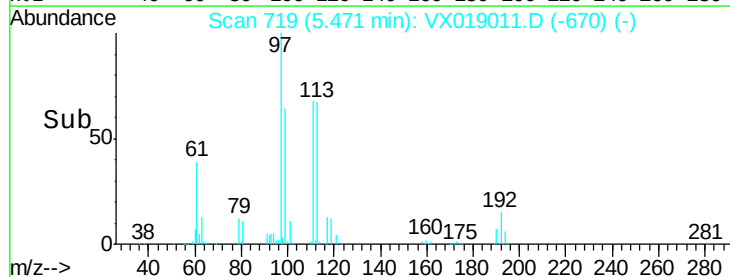
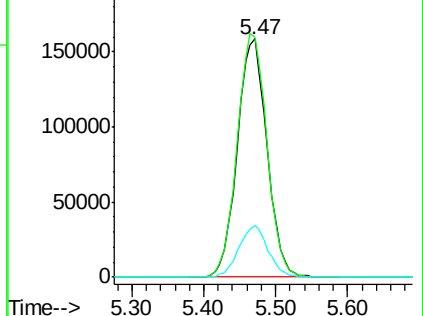
Tgt Ion:	113	Resp:	453074
Ion Ratio		Lower	Upper
113	100		
111	102.6	81.5	122.3
192	21.2	16.3	24.5

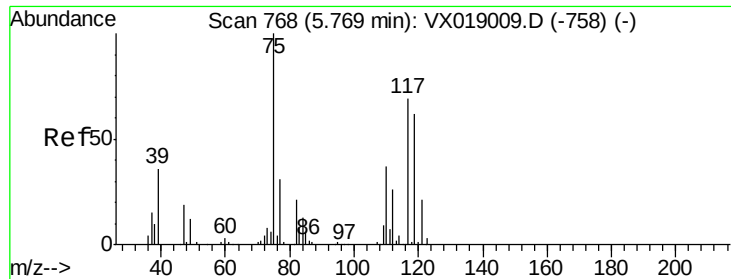


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





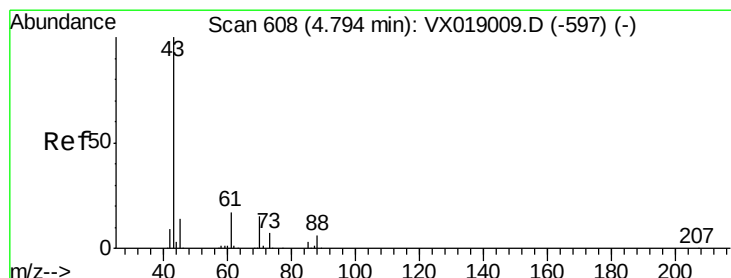
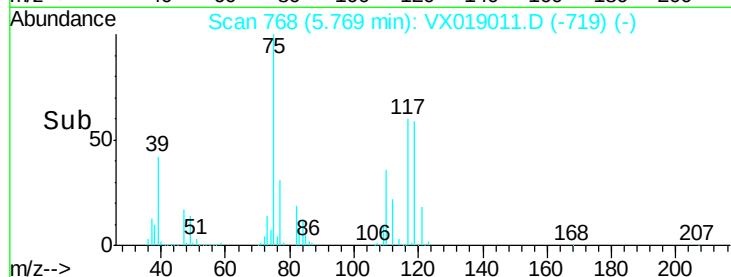
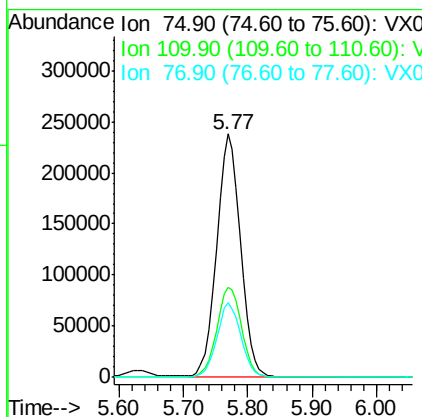
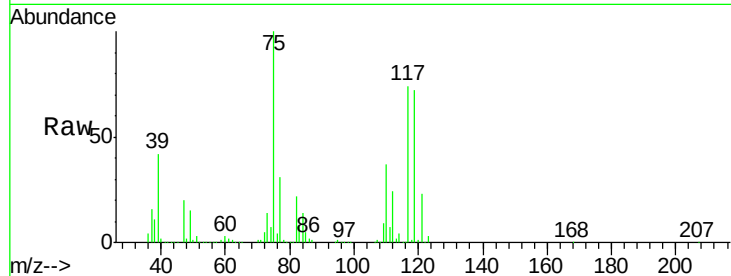
#36
 1,1-Dichloropropene
 Concen: 145.016 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.5	19.4	58.2
77	30.9	25.2	37.8

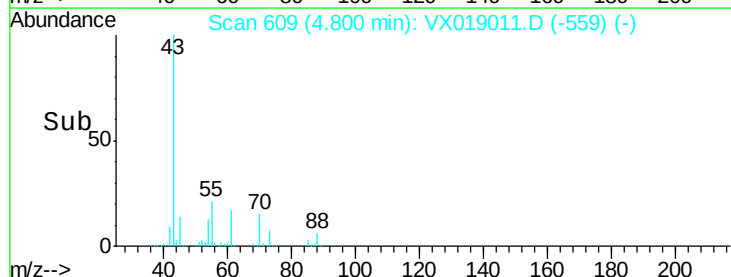
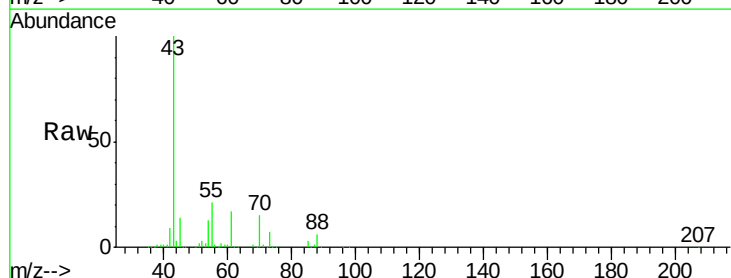
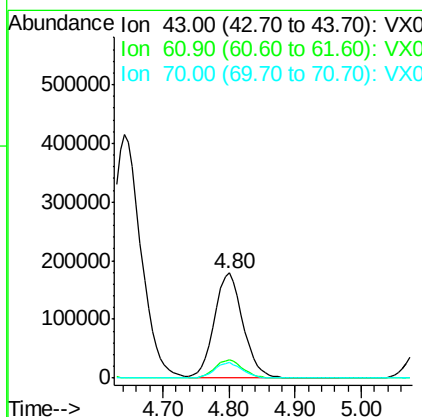
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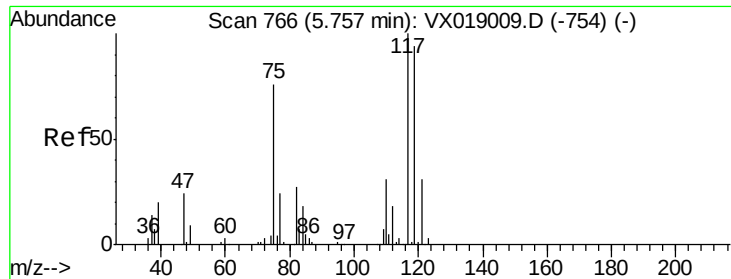
MMDadoda
 10/22/2020 1:22:06 PM



#37
 Ethyl Acetate
 Concen: 121.314 ug/l
 RT: 4.80 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.8	13.8	20.8
70	14.2	11.4	17.2





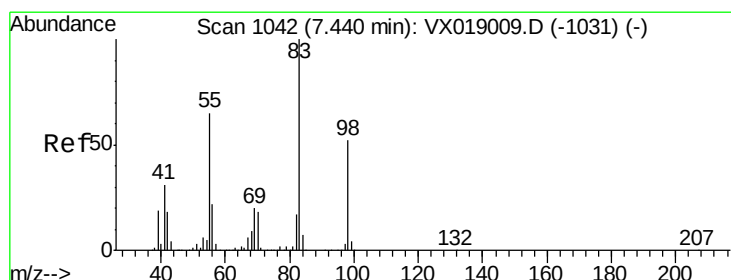
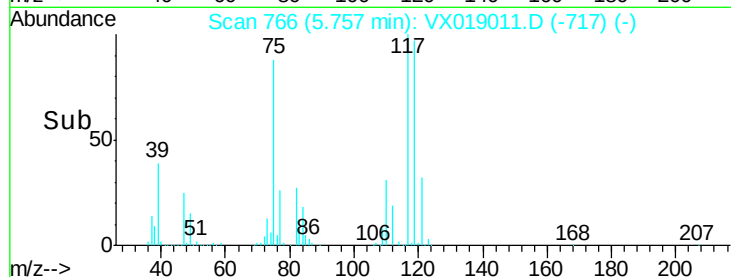
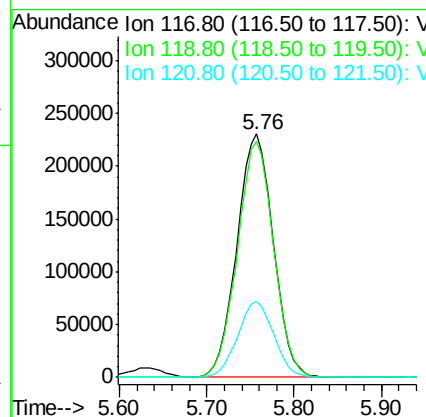
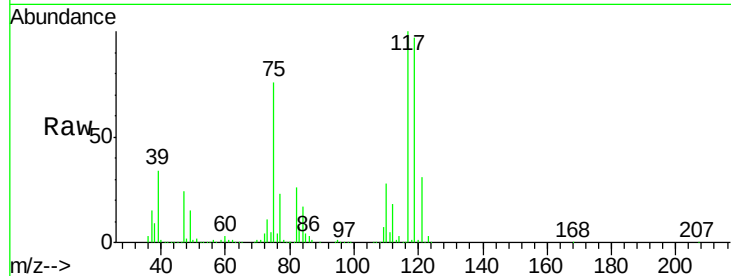
#38
Carbon Tetrachloride
Concen: 141.683 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.4	113.0
121	31.1	25.0	37.6

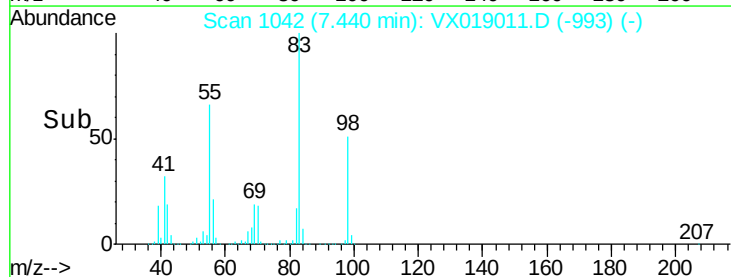
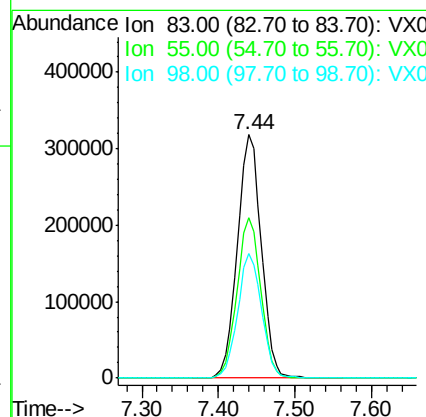
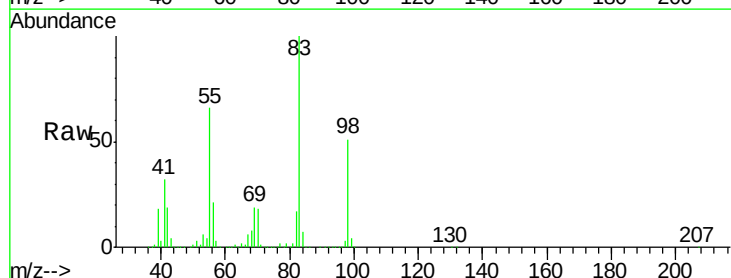
Manual Integrations
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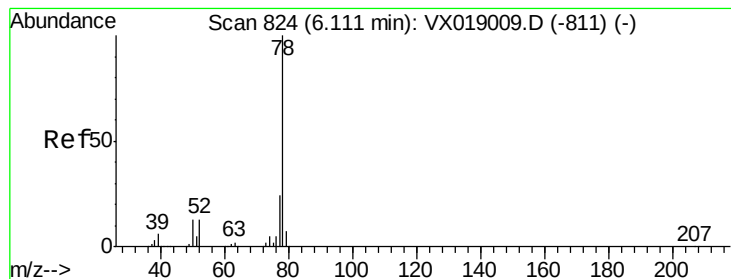
MMDadoda
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#39
Methylcyclohexane
Concen: 143.274 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion	Ratio	Lower	Upper
83	100		
55	65.8	51.8	77.6
98	51.3	41.4	62.2





#40

Benzene

Concen: 148.247 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 78 Resp: 1834547

Ion Ratio Lower Upper

78 100

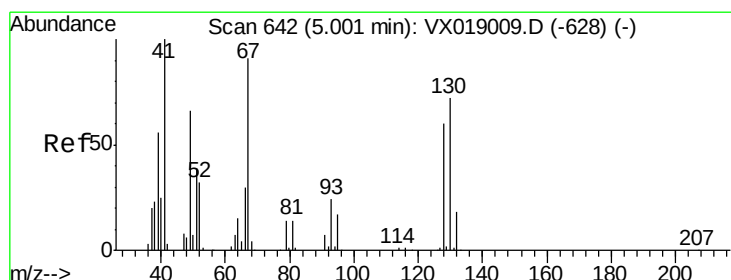
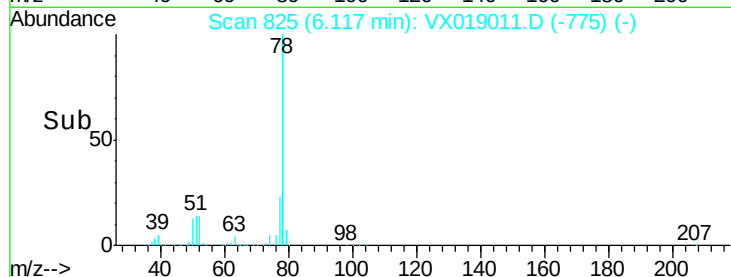
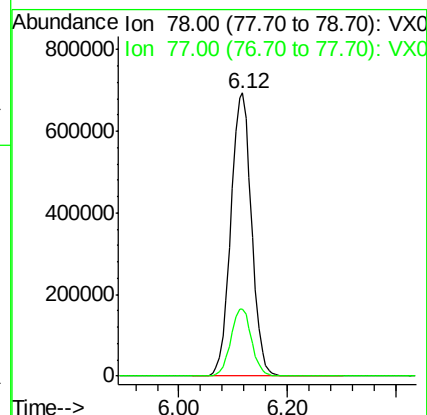
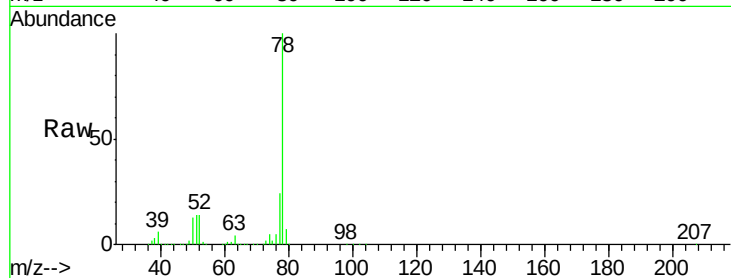
77 23.9 19.3 28.9

Manual Integrations

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#41

Methacrylonitrile

Concen: 115.759 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Tgt Ion: 41 Resp: 284110

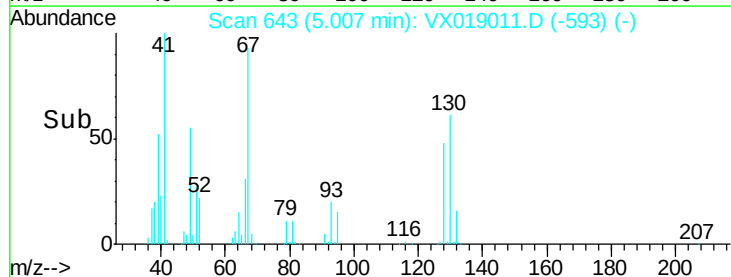
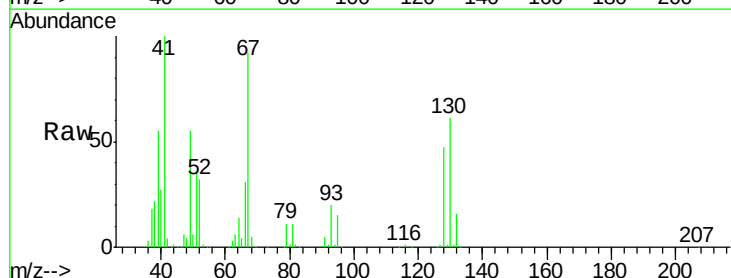
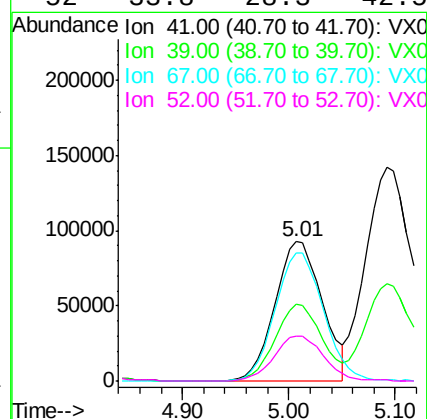
Ion Ratio Lower Upper

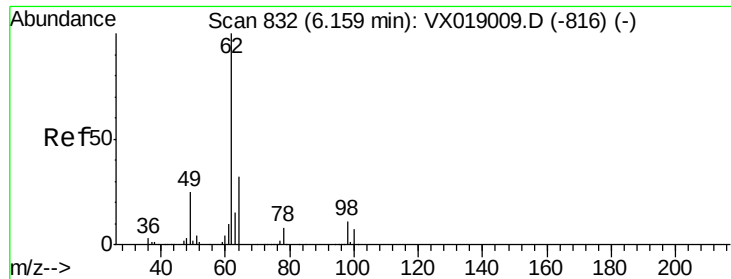
41 100

39 54.5 44.6 67.0

67 94.5 76.1 114.1

52 33.8 28.3 42.5





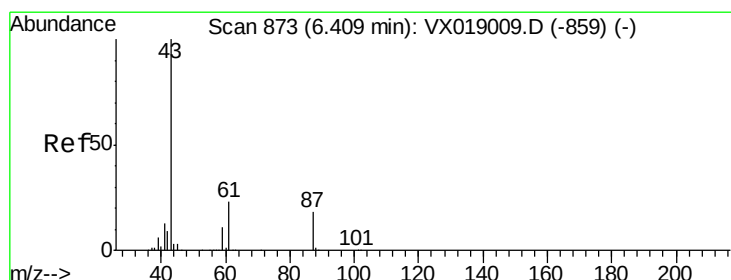
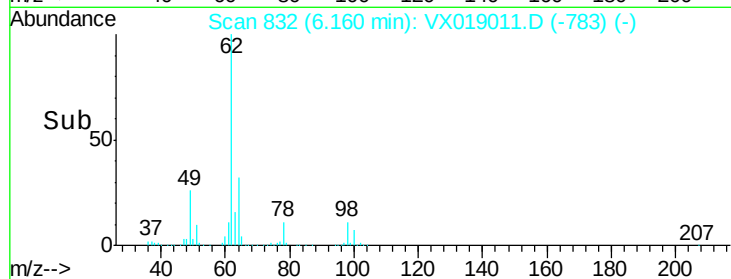
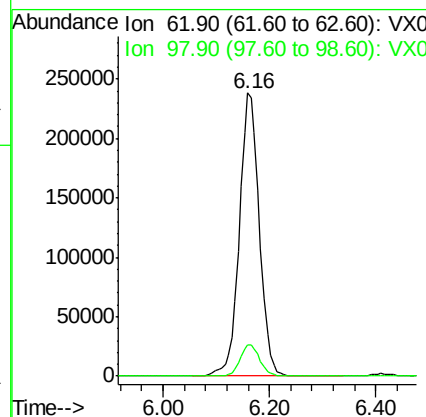
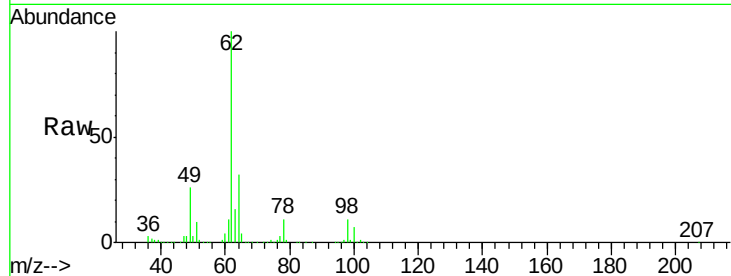
#42
 1,2-Dichloroethane
 Concen: 130.973 ug/l
 RT: 6.16 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
62	100	618923		
98	10.9	0.0	20.8	

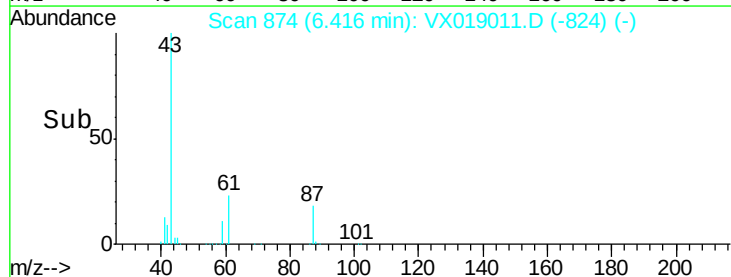
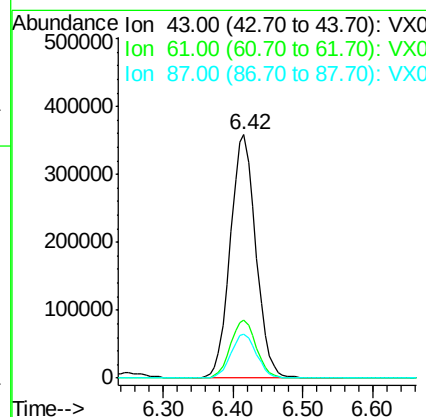
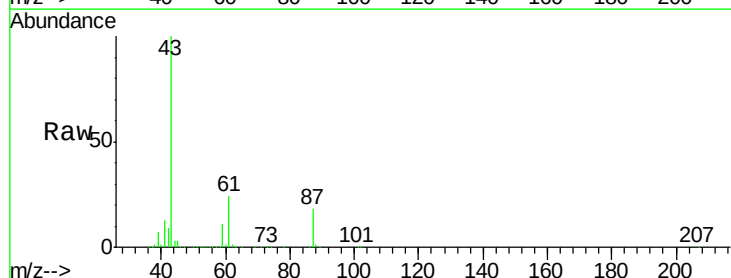
Manual Integrations
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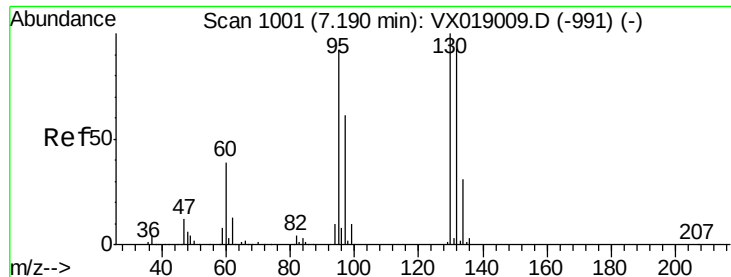
MMDadoda
 10/22/2020 1:22:06 PM



#43
 Isopropyl Acetate
 Concen: 122.865 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	907061		
61	24.1	18.7	28.1	
87	18.3	14.2	21.4	





#44

Trichloroethene

Concen: 152.411 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:130 Resp: 545786

Ion Ratio Lower Upper

130 100

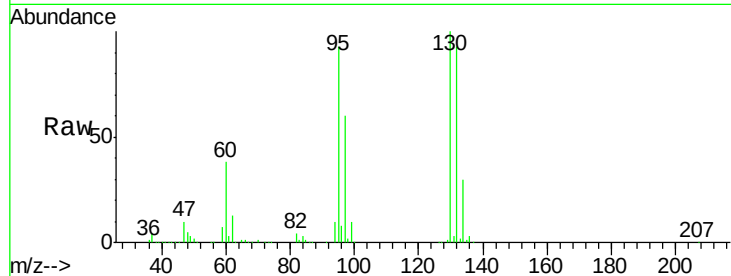
95 92.6 0.0 184.2

Manual Integrations

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

250000

200000

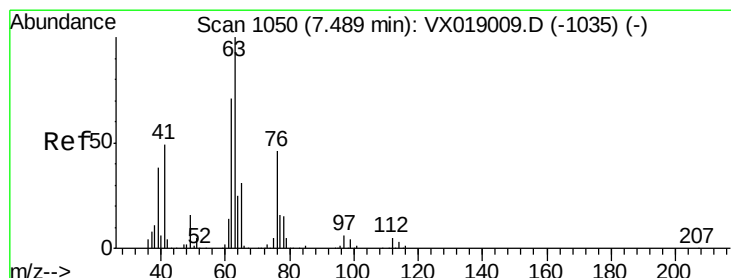
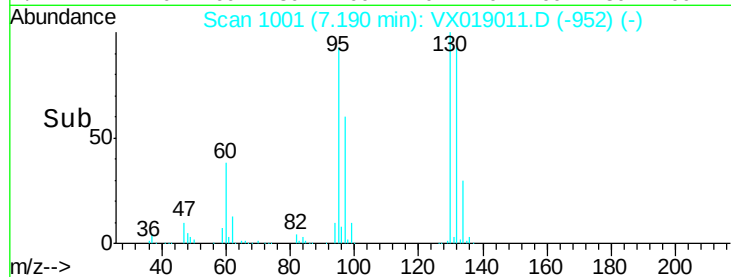
150000

100000

50000

0

Time--> 7.10 7.20 7.30



#45

1,2-Dichloropropane

Concen: 132.081 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019011.D

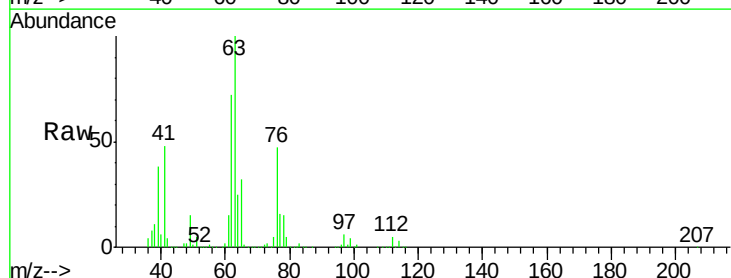
Acq: 21 Oct 2020 19:52

Tgt Ion: 63 Resp: 440932

Ion Ratio Lower Upper

63 100

65 32.3 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

250000

200000

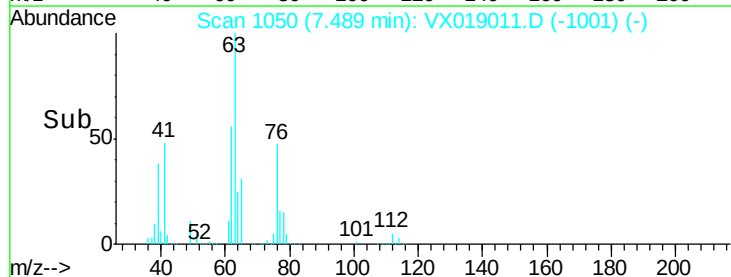
150000

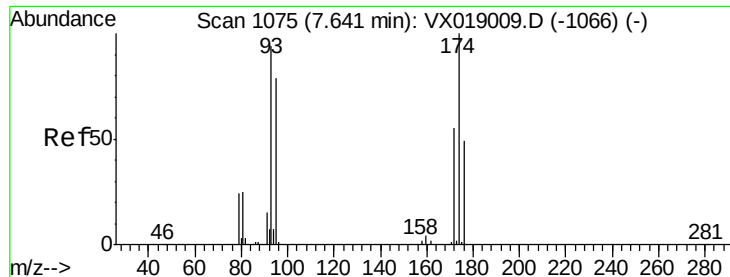
100000

50000

0

Time--> 7.40 7.50 7.60





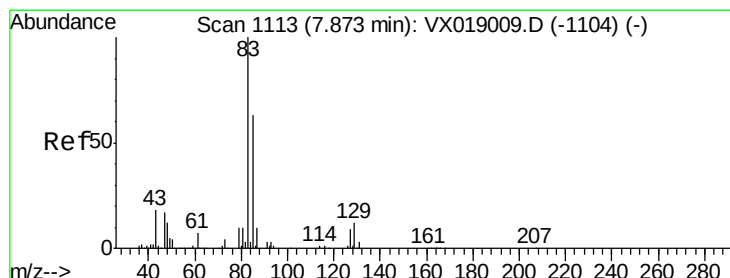
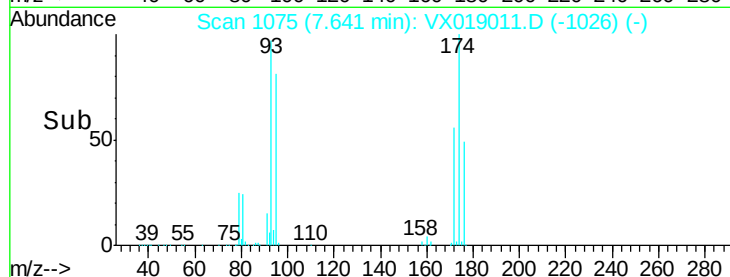
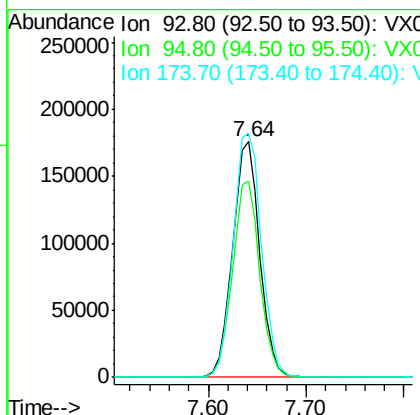
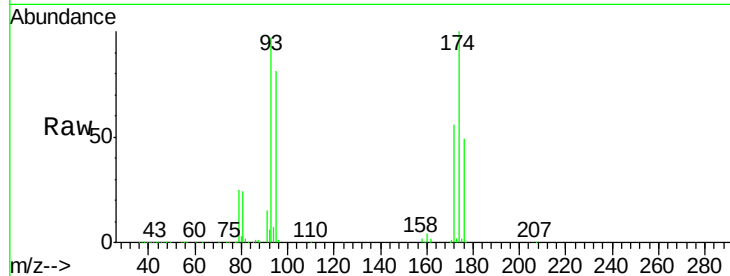
#46
Dibromomethane
Concen: 145.172 ug/l
RT: 7.64 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	84.1	66.8	100.2	
174	108.5	83.8	125.8	

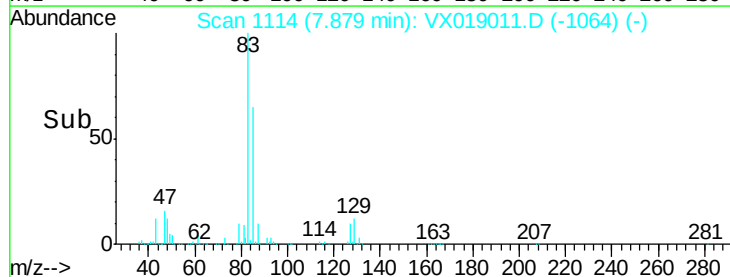
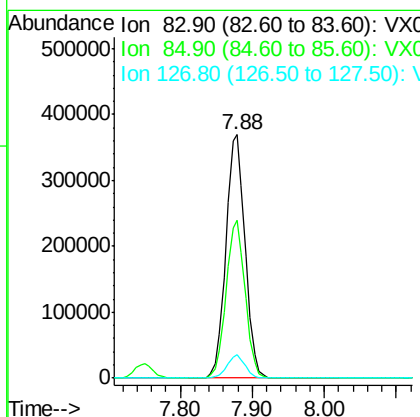
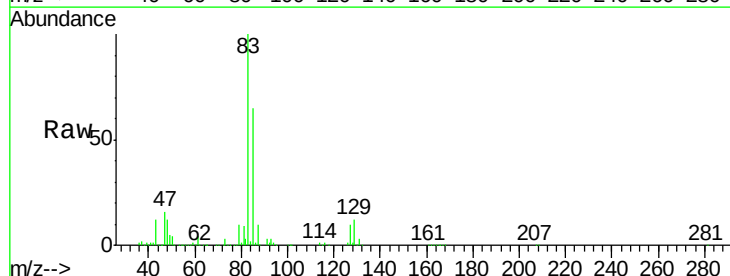
Manual Integrations
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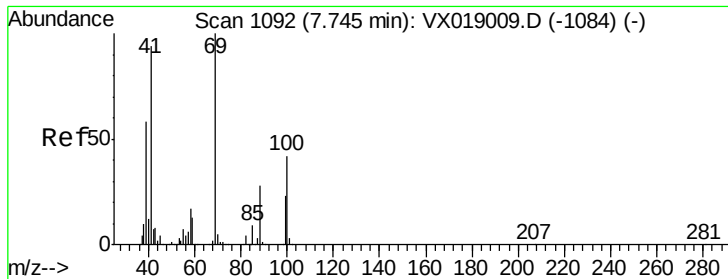
MMDadoda
10/22/2020 1:22:06 PM



#47
Bromodichloromethane
Concen: 146.773 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	65.0	50.7	76.1	
127	9.6	6.8	10.2	





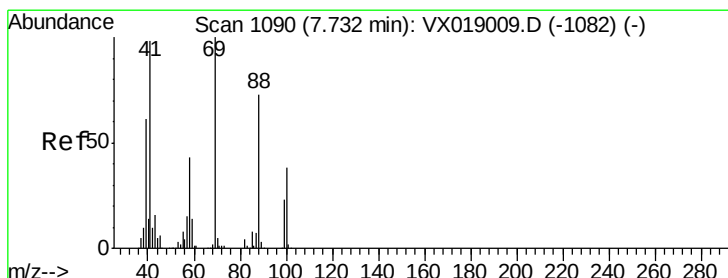
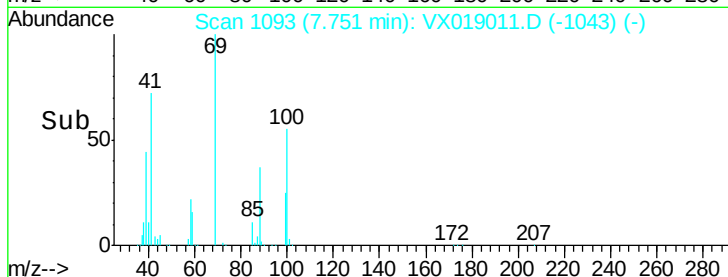
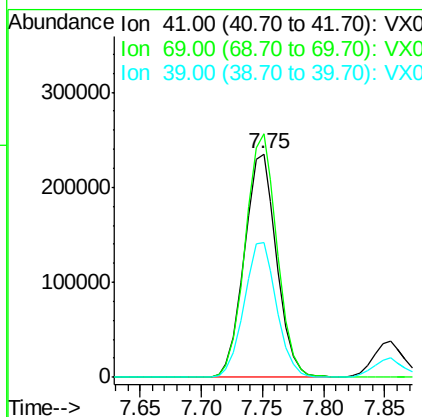
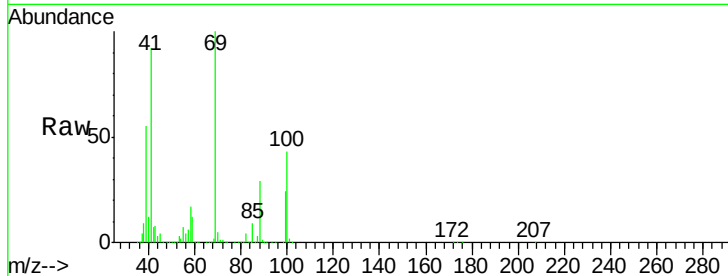
#48
Methvl methacrylate
Concen: 120.867 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
41	100	431301		
69	107.5	85.5	128.3	
39	60.5	49.3	73.9	

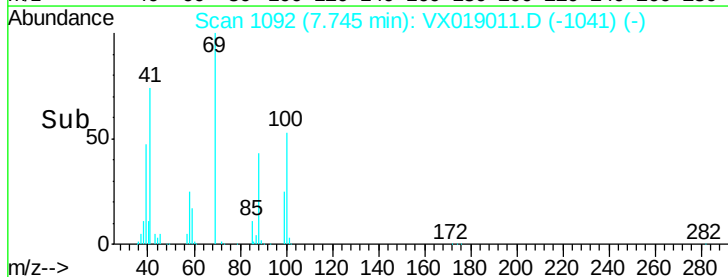
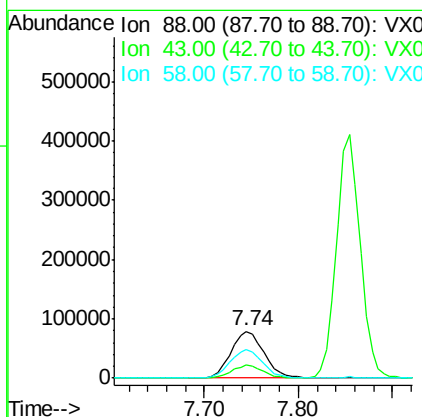
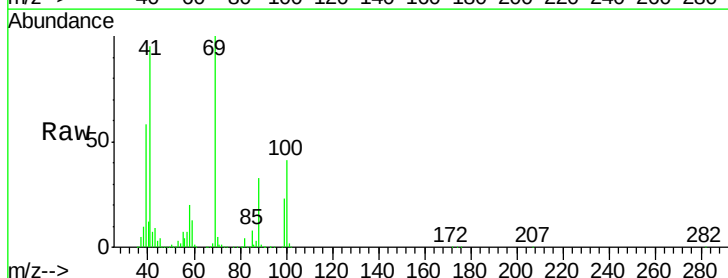
Manual Integrations
APPROVED

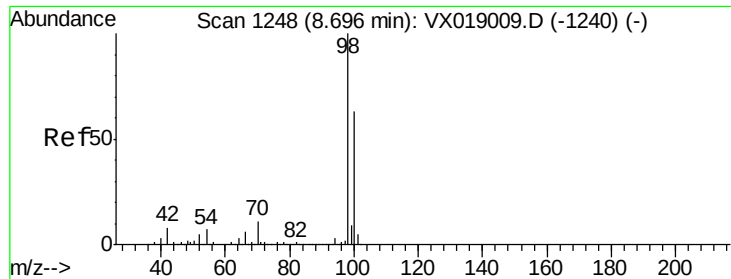
MMDadoda
10/22/2020 1:22:06 PM



#49
1,4-Dioxane
Concen: 3070.641 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	192424		
43	25.2	20.3	30.5	
58	60.0	48.4	72.6	





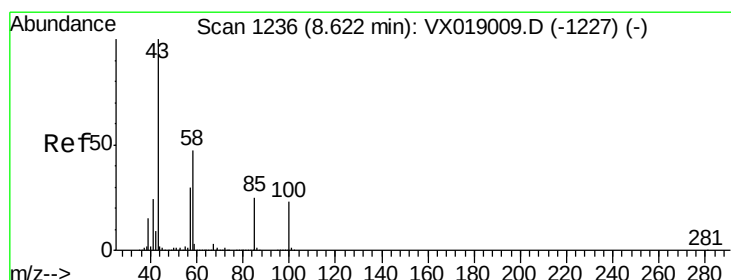
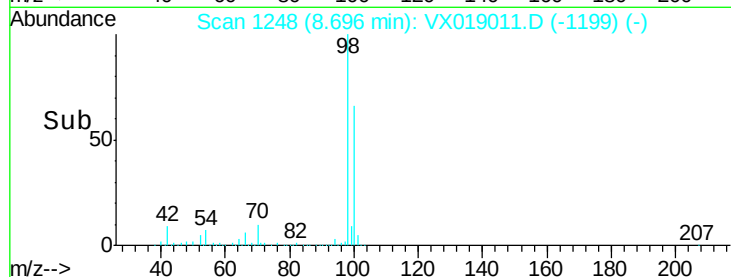
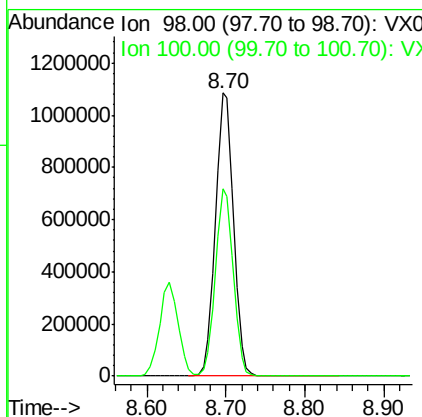
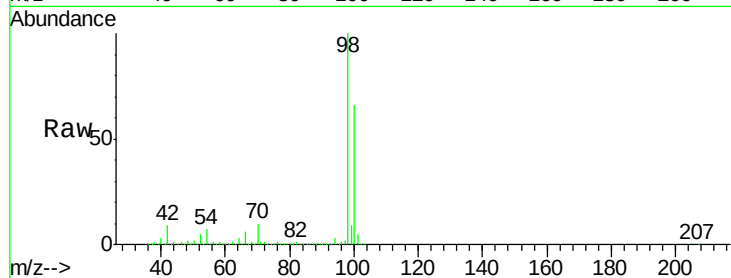
#50
Toluene-d8
Concen: 155.152 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 98 Resp: 1732816
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1

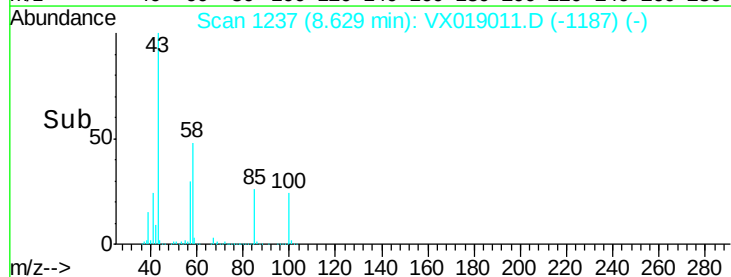
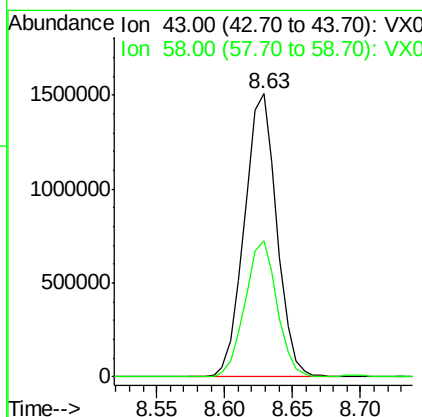
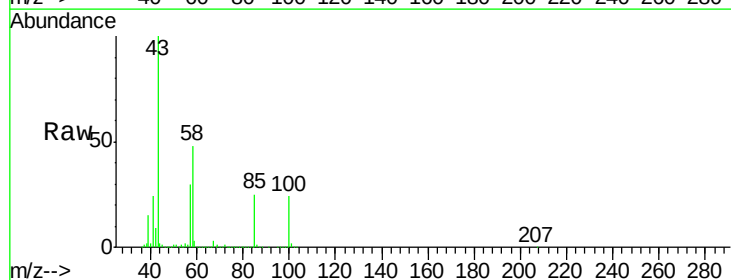
Manual Integrations
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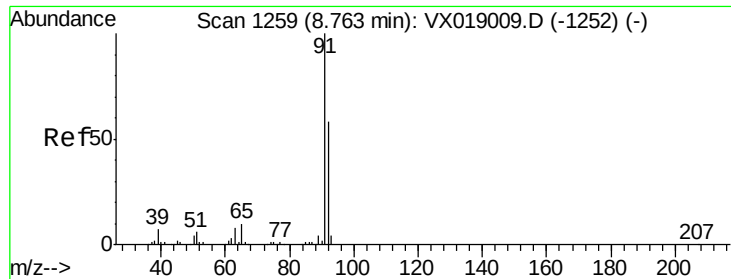
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 573.430 ug/l
RT: 8.63 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion: 43 Resp: 2515289
Ion Ratio Lower Upper
43 100
58 47.5 37.4 56.0





#52

Toluene

Concen: 159.280 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 92 Resp: 1251661

Ion Ratio Lower Upper

92 100

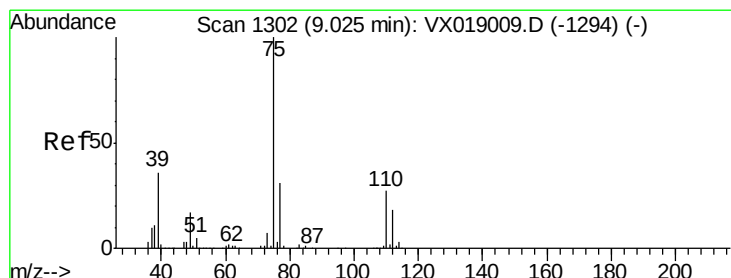
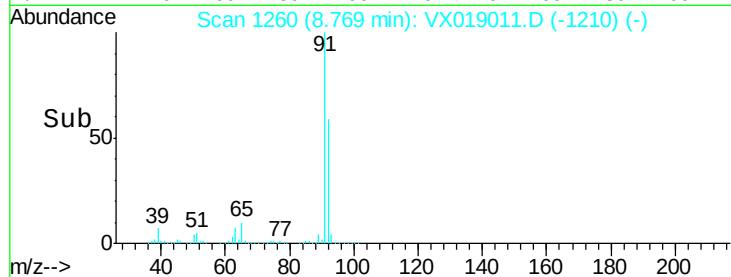
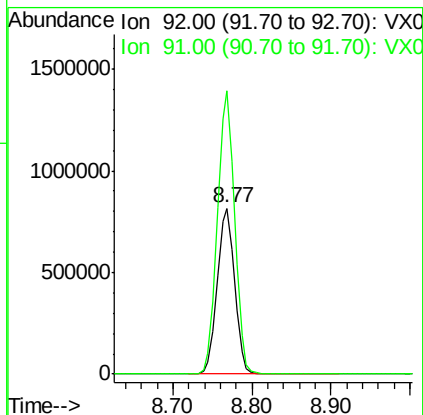
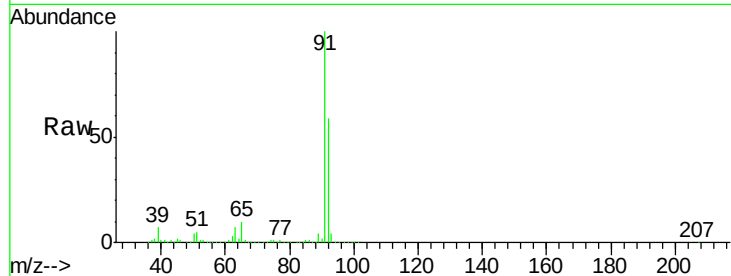
91 169.9 138.6 208.0

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 145.700 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019011.D

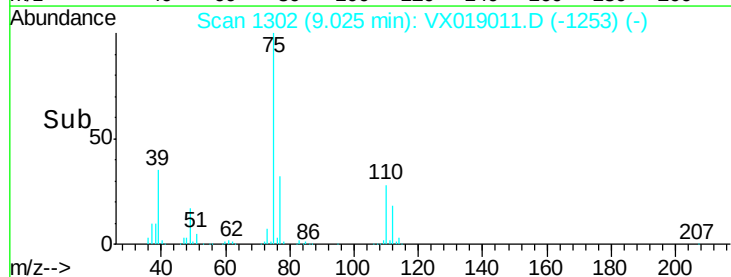
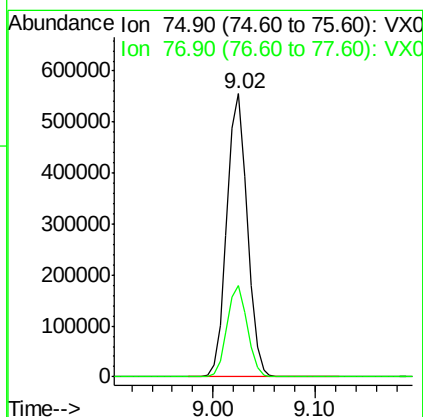
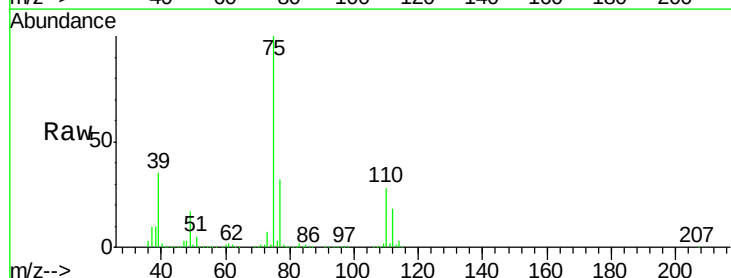
Acq: 21 Oct 2020 19:52

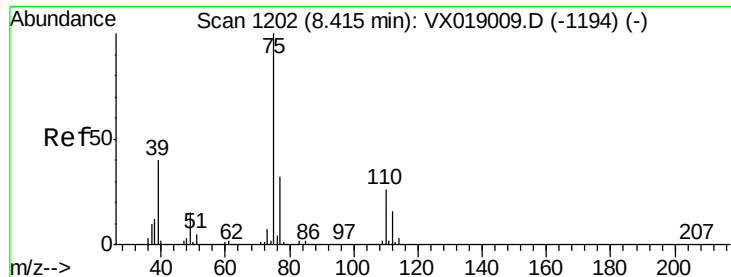
Tgt Ion: 75 Resp: 771097

Ion Ratio Lower Upper

75 100

77 32.2 25.1 37.7





#54

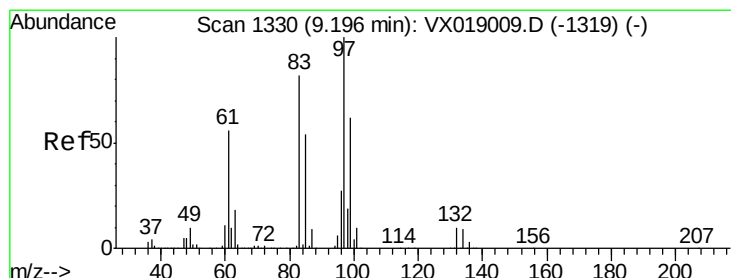
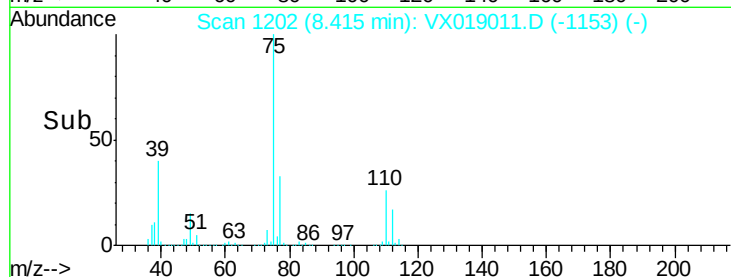
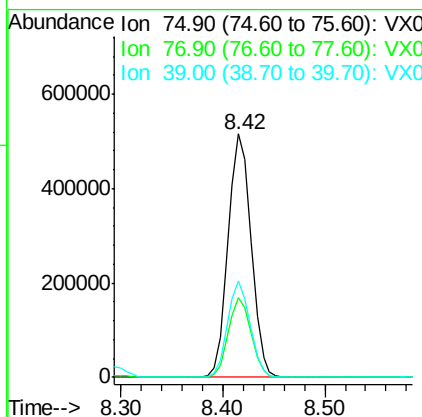
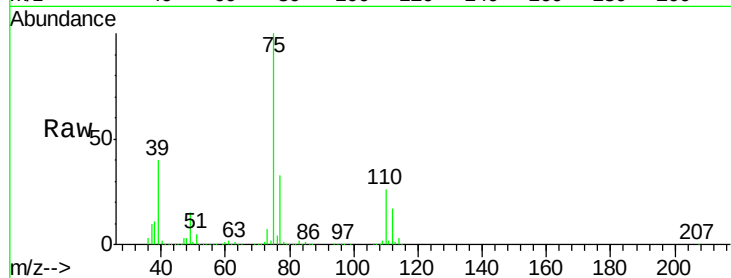
cis-1,3-Dichloropropene
 Concen: 147.074 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.9	38.9
39	39.7	31.7	47.5

Manual Integrations
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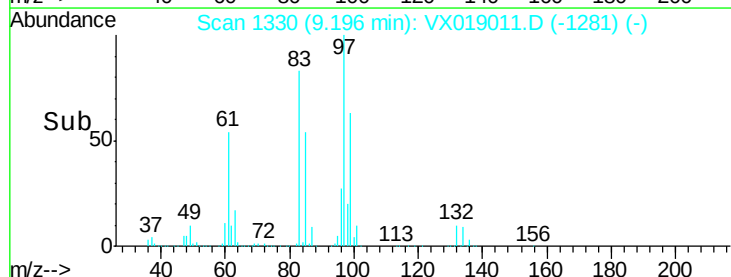
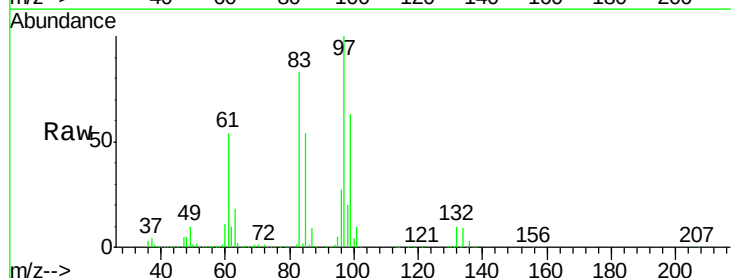
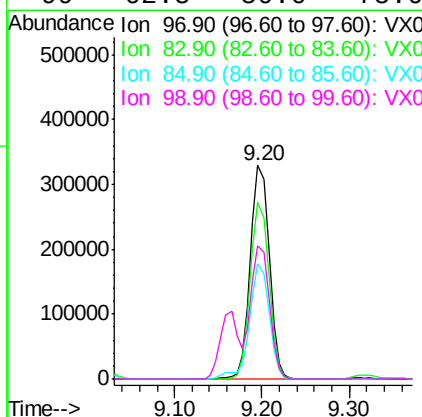
MMDadoda
 10/22/2020 1:22:06 PM

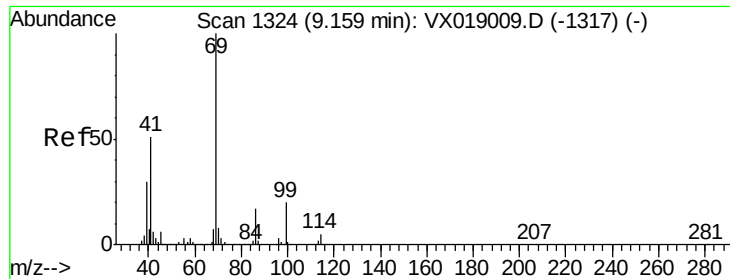


#55

1,1,2-Trichloroethane
 Concen: 153.497 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.0	65.4	98.2
85	54.0	43.3	64.9
99	62.5	50.0	75.0





#56

Ethyl methacrylate

Concen: 151.014 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

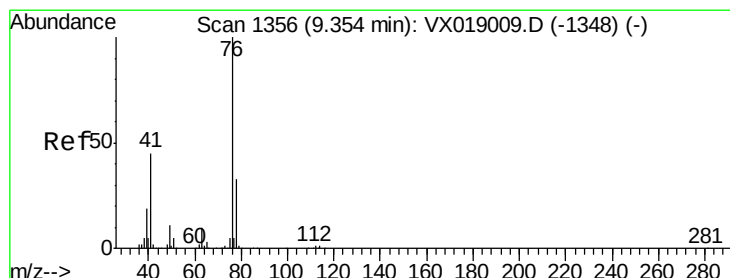
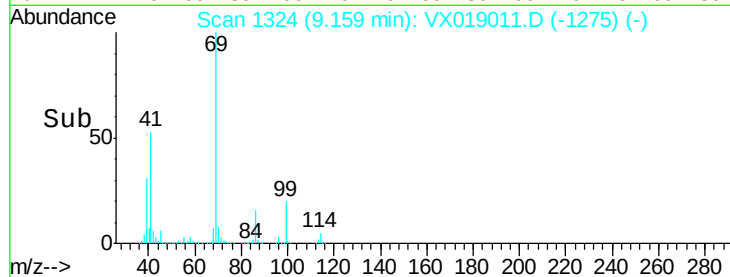
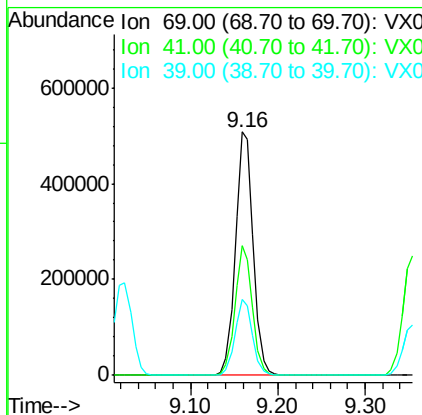
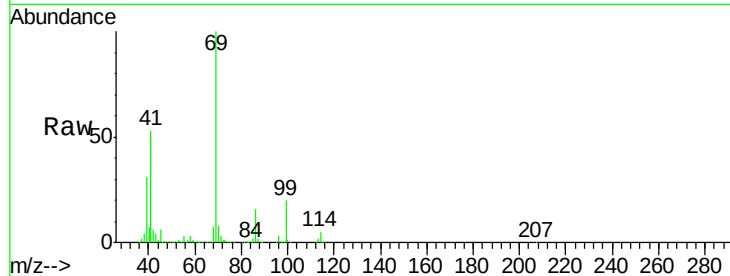
ClientSampleId :

VSTDIC150

Tot Ion:	69	Resp:	720593
Ion	Ratio	Lower	Upper
69	100		
41	51.6	41.1	61.7
39	30.7	24.6	37.0

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 145.871 ug/l

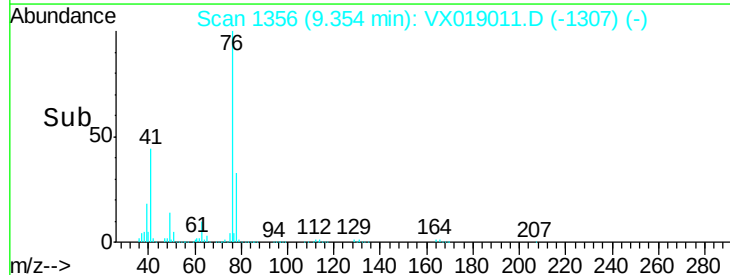
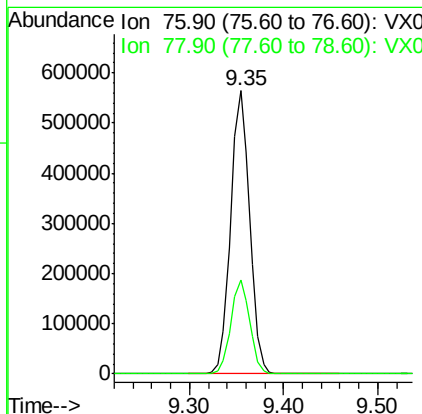
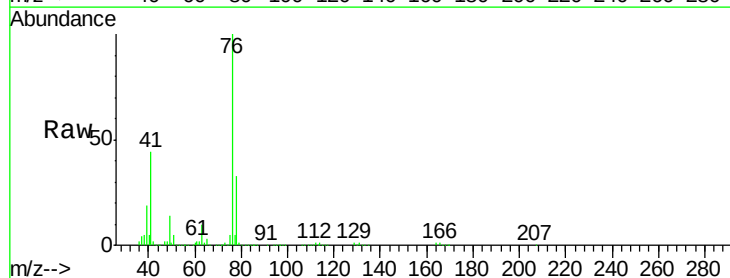
RT: 9.35 min Scan# 1356

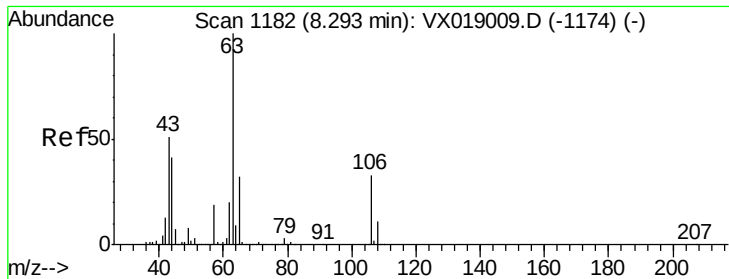
Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Tgt Ion:	76	Resp:	789709
Ion	Ratio	Lower	Upper
76	100		
78	33.0	26.2	39.4





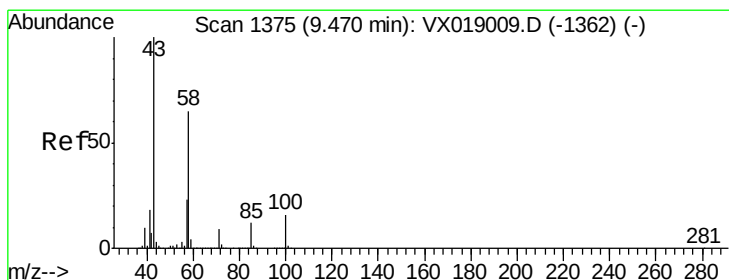
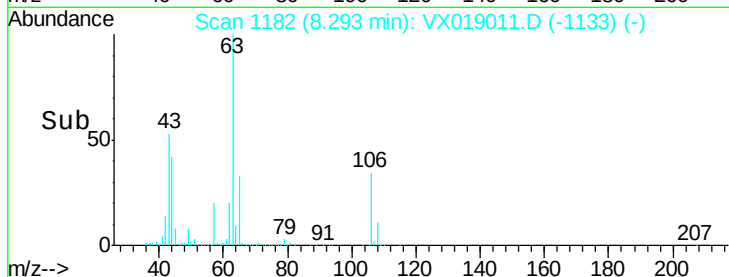
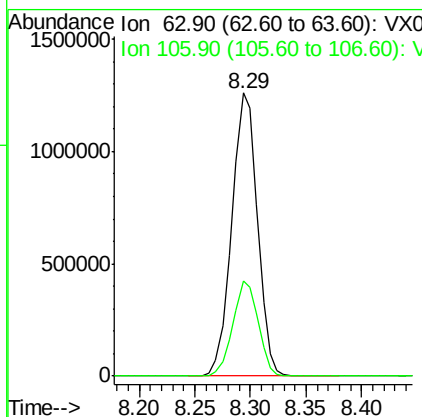
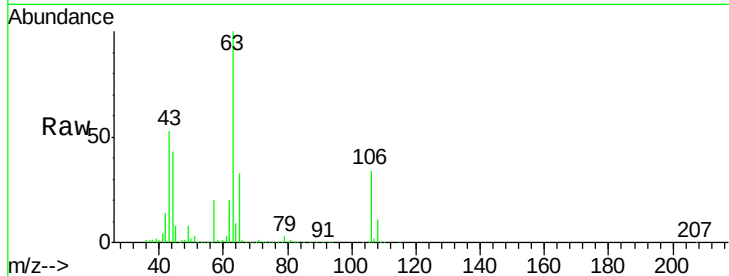
#58
 2-Chloroethyl Vinyl ether
 Concen: 793.577 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 63 Resp: 2003877
 Ion Ratio Lower Upper
 63 100
 106 33.2 26.0 39.0

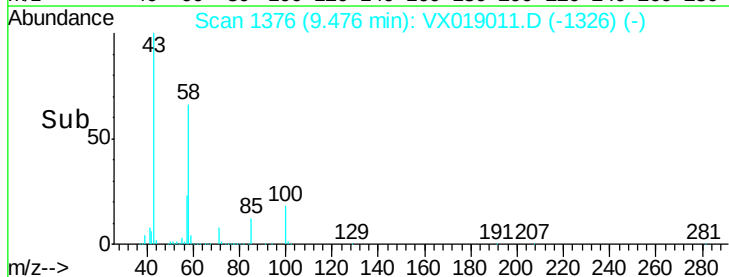
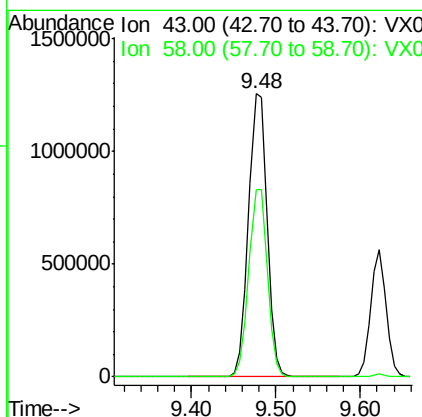
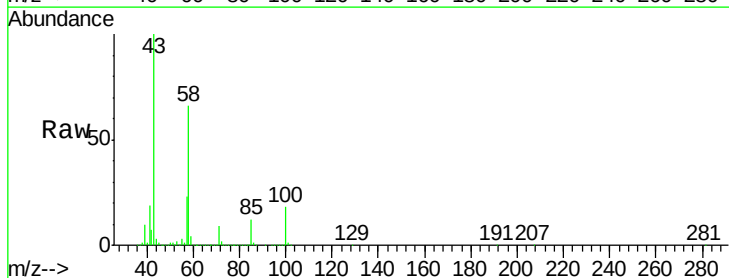
Manual Integrations
 APPROVED

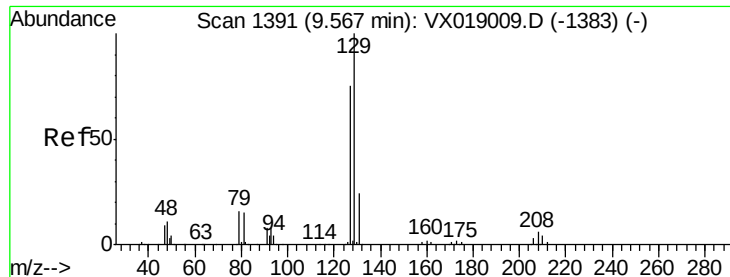
MMDadoda
 10/22/2020 1:22:06 PM



#59
 2-Hexanone
 Concen: 557.501 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Tgt Ion: 43 Resp: 1851611
 Ion Ratio Lower Upper
 43 100
 58 66.4 32.8 98.4





#60

Dibromochloromethane

Concen: 150.694 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:129 Resp: 577276

Ion Ratio Lower Upper

129 100

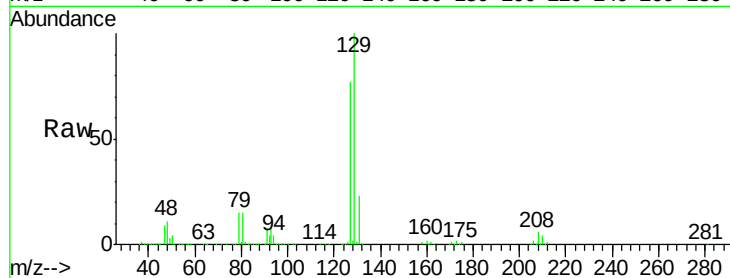
127 77.9 38.6 115.7

Manual Integrations

APPROVED

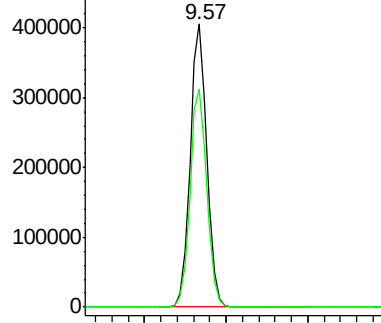
MMDadoda

10/22/2020 1:22:06 PM

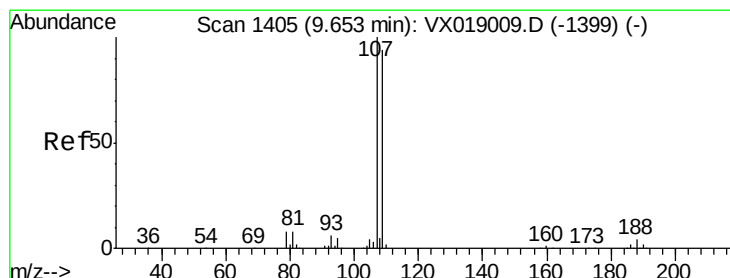
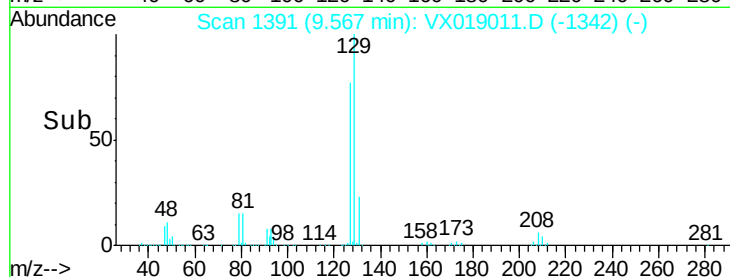


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



Time-->



#61

1,2-Dibromoethane

Concen: 155.153 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019011.D

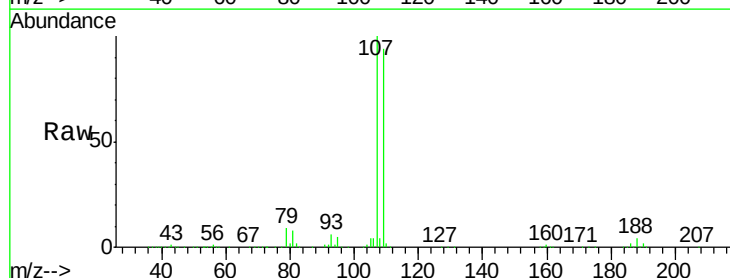
Acq: 21 Oct 2020 19:52

Tgt Ion:107 Resp: 535164

Ion Ratio Lower Upper

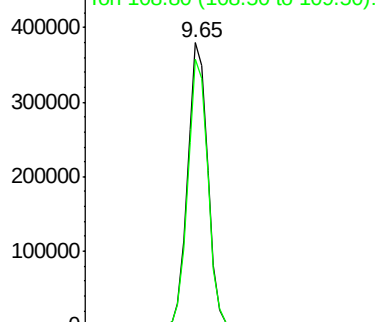
107 100

109 94.8 75.0 112.6

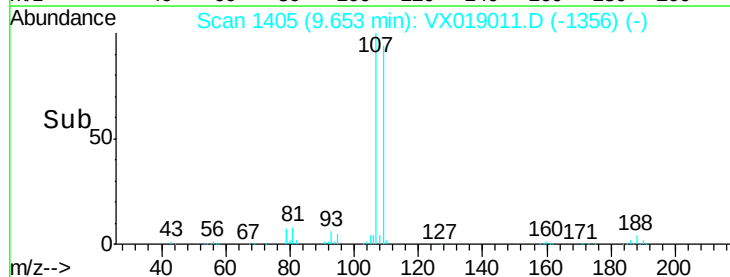


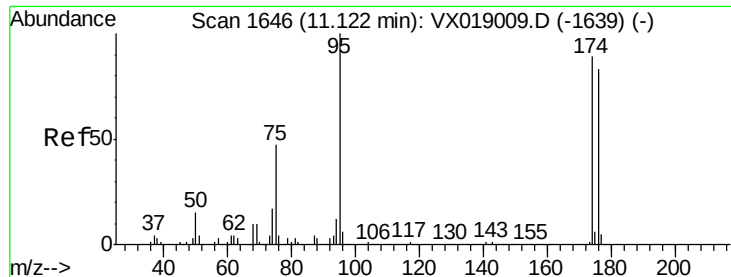
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->





#62

4-Bromofluorobenzene

Concen: 135.591 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

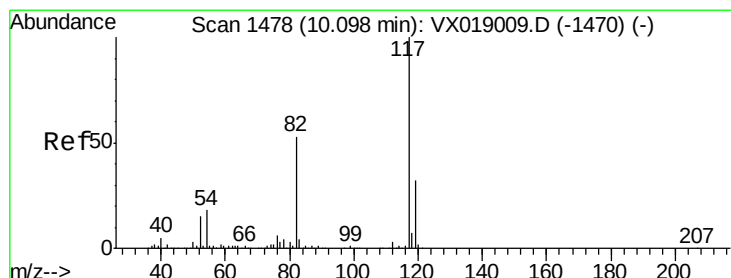
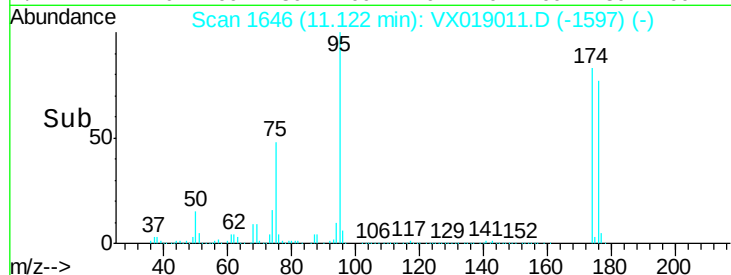
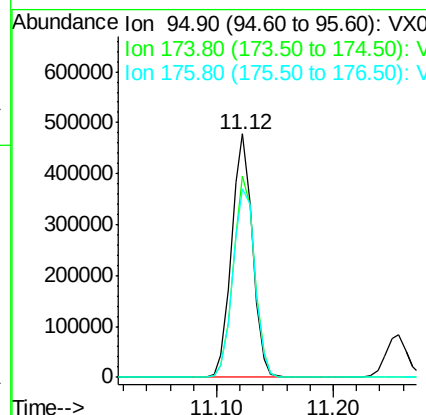
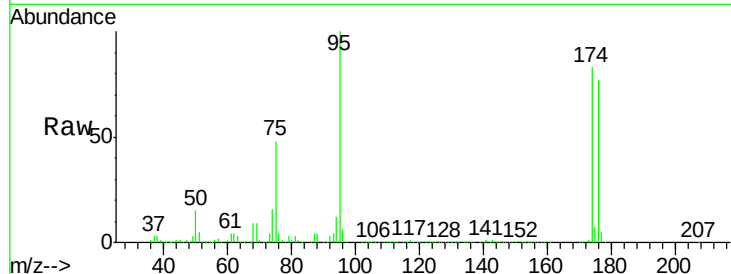
ClientSampleId :

VSTDIC150

Tot Ion:	95	Resp:	592301
Ion Ratio	Lower	Upper	
95	100		
174	84.8	0.0	167.6
176	82.7	0.0	165.2

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

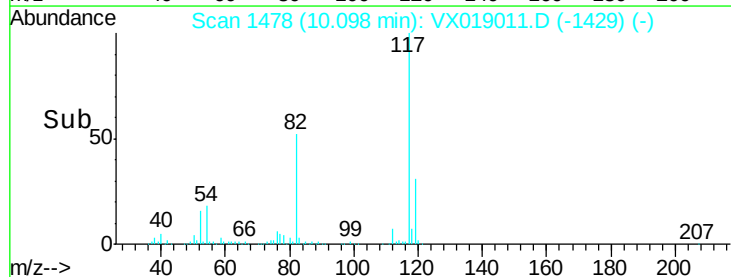
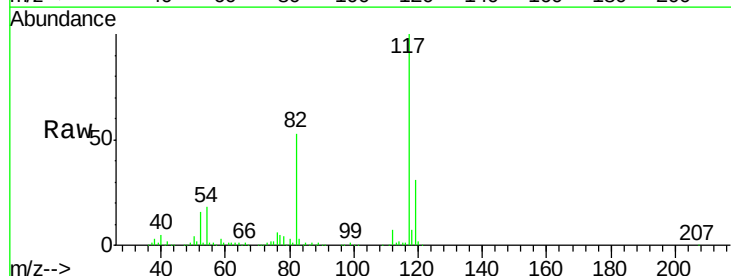
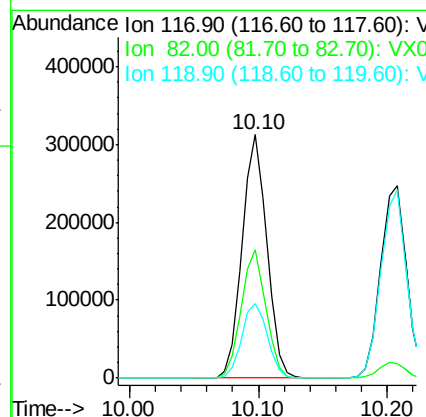
RT: 10.10 min Scan# 1478

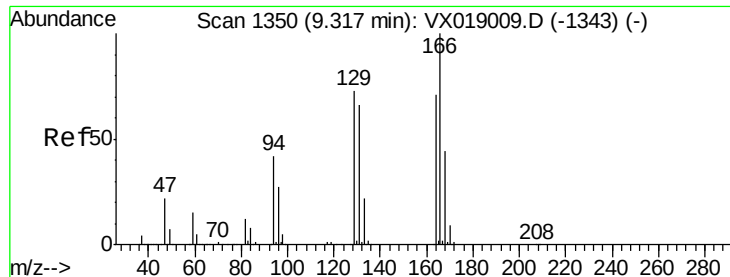
Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Tgt Ion:	117	Resp:	415955
Ion Ratio	Lower	Upper	
117	100		
82	52.5	42.4	63.6
119	30.8	25.6	38.4





#64

Tetrachloroethene

Concen: 144.801 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:164 Resp: 469708

Ion Ratio Lower Upper

164 100

166 127.0 112.2 168.4

129 93.4 81.8 122.8

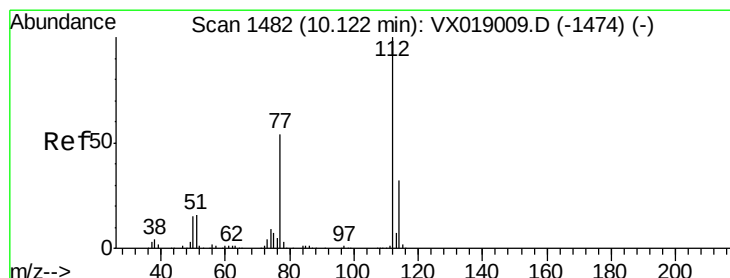
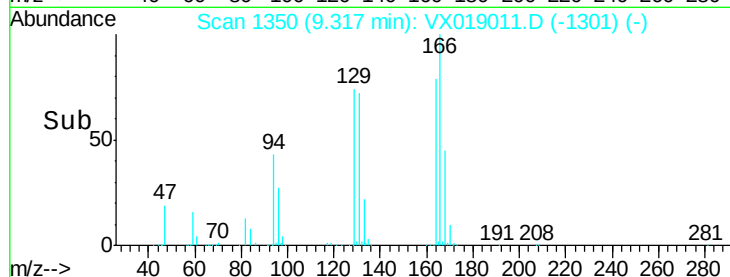
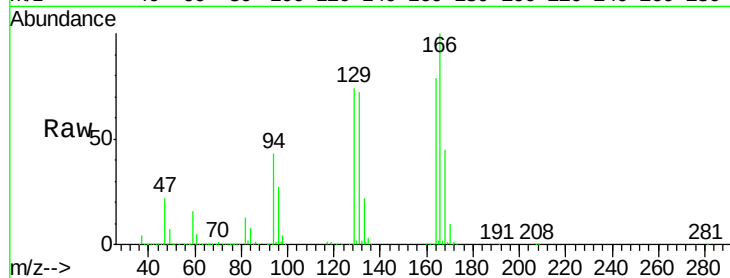
131 91.1 74.6 112.0

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#65

Chlorobenzene

Concen: 157.717 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019011.D

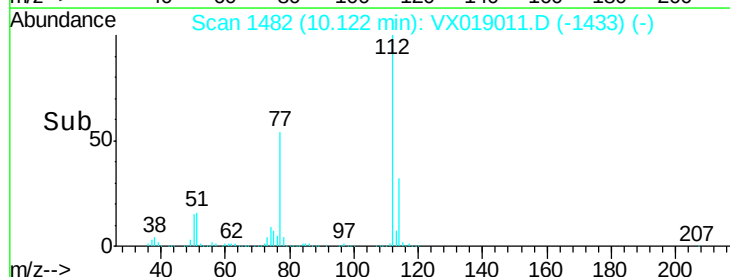
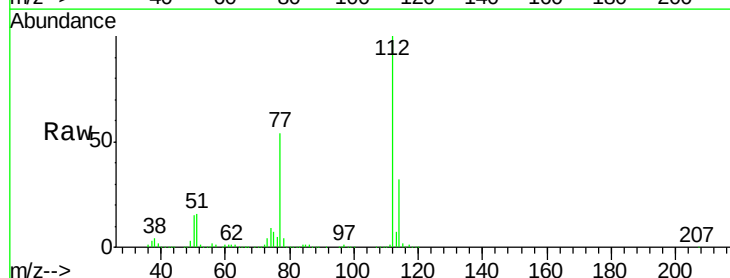
Acq: 21 Oct 2020 19:52

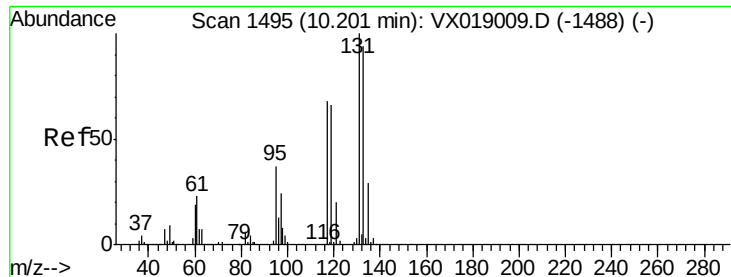
Tgt Ion:112 Resp: 1355460

Ion Ratio Lower Upper

112 100

114 31.7 25.5 38.3





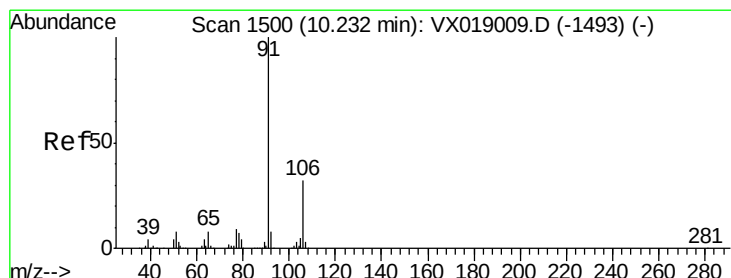
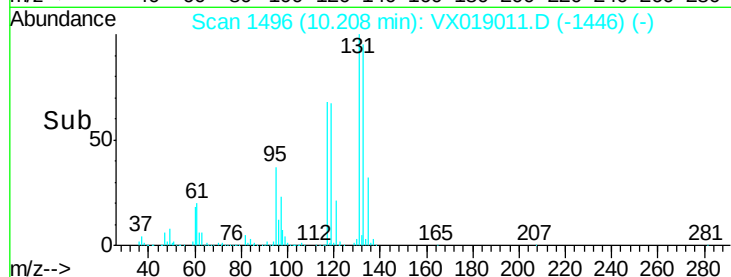
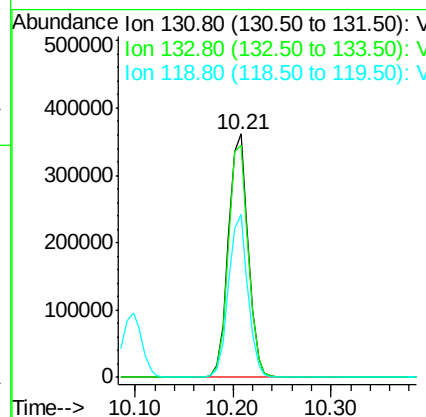
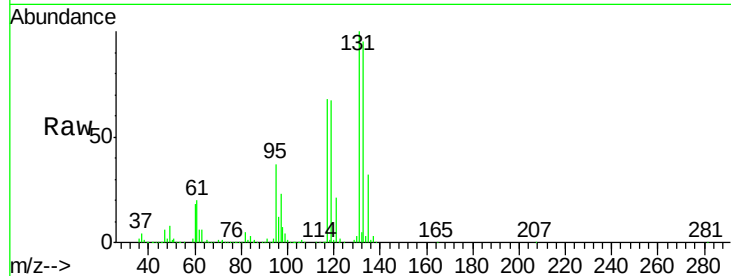
#66
 1,1,1,2-Tetrachloroethane
 Concen: 147.987 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.0	141.2
119	65.9	32.9	98.7

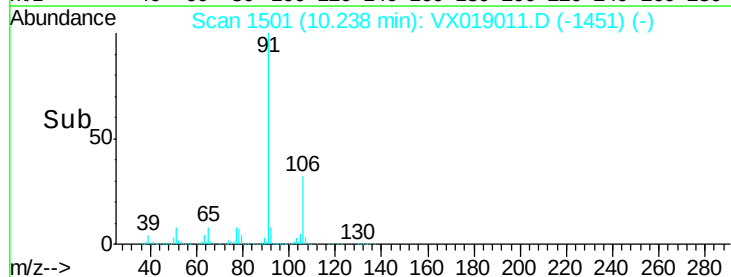
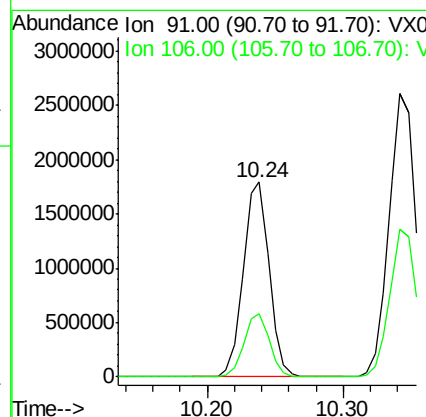
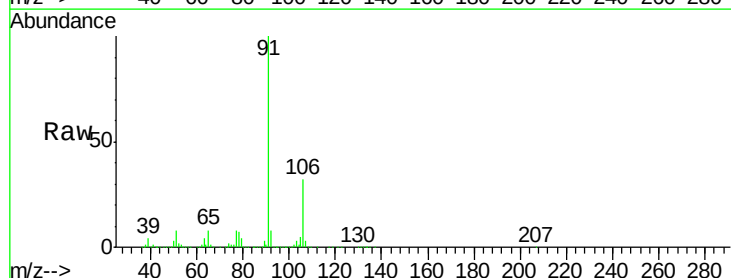
Manual Integrations
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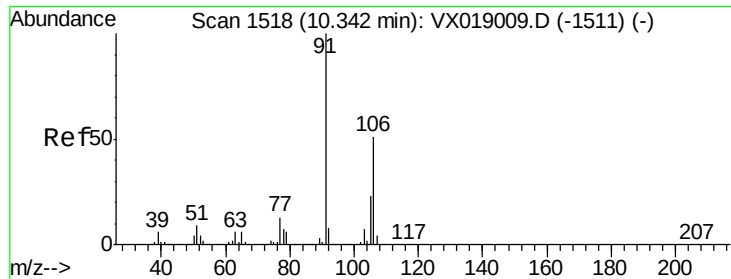
MMDadoda
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#67
 Ethyl Benzene
 Concen: 159.299 ug/l
 RT: 10.24 min Scan# 1501
 Delta R.T. 0.01 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.4	25.3	37.9





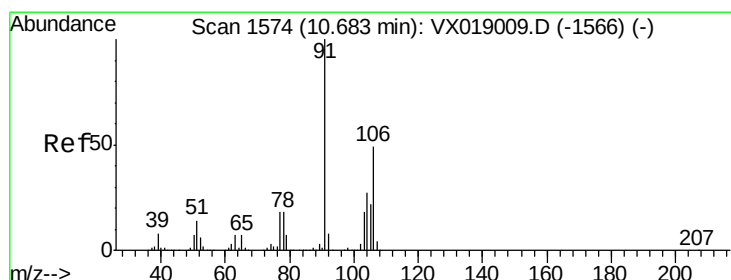
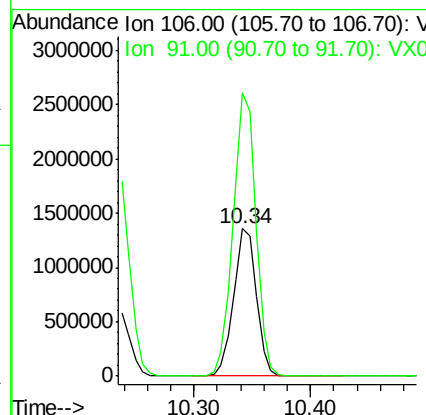
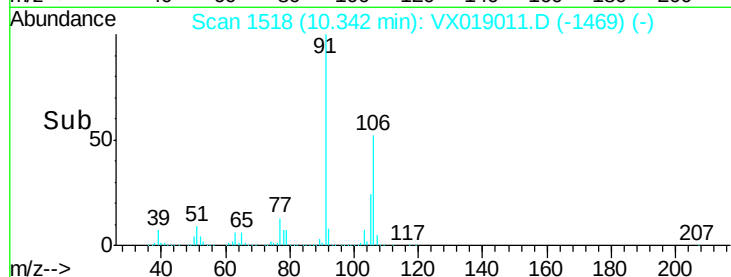
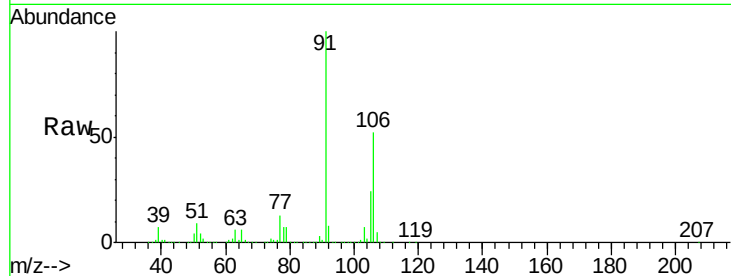
#68
m/p-Xylenes
Concen: 327.650 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1848071
Ion Ratio Lower Upper
106 100
91 192.5 156.9 235.3

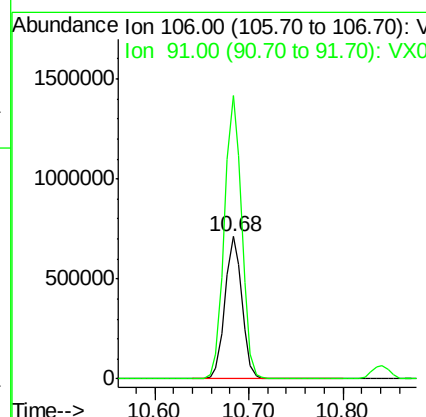
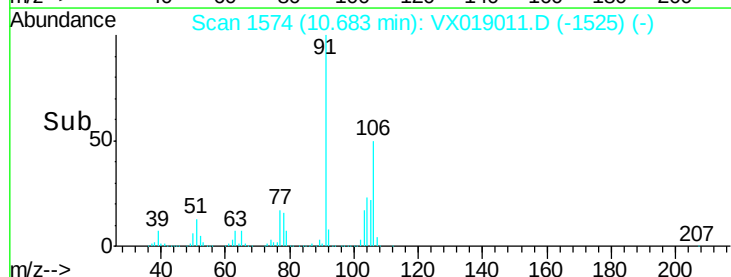
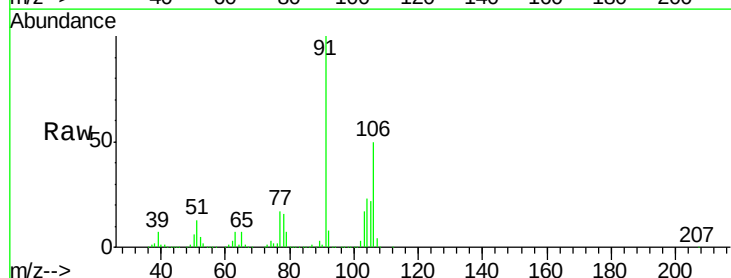
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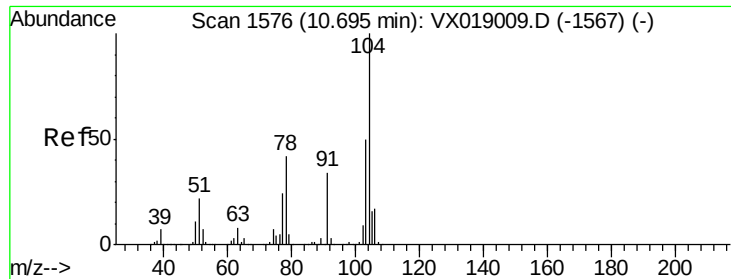
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#69
o-Xylene
Concen: 167.141 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion:106 Resp: 891928
Ion Ratio Lower Upper
106 100
91 201.9 104.0 312.0





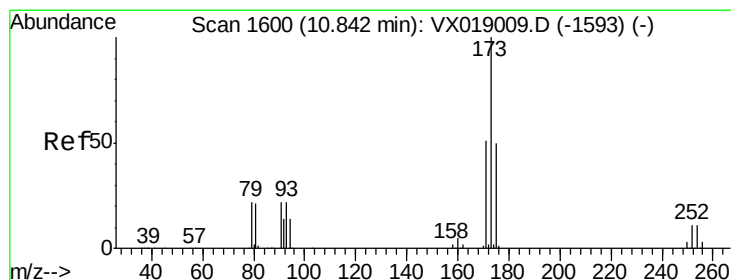
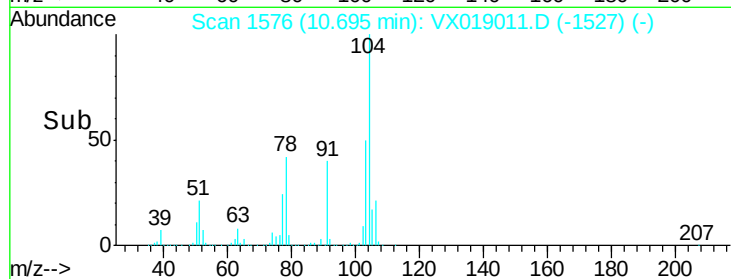
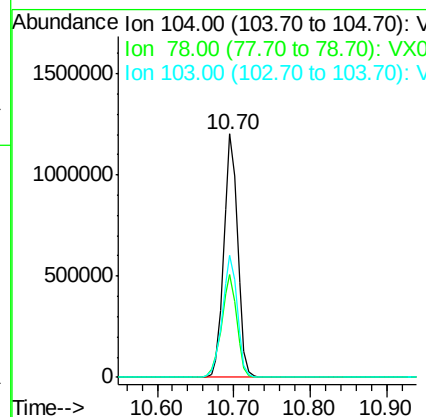
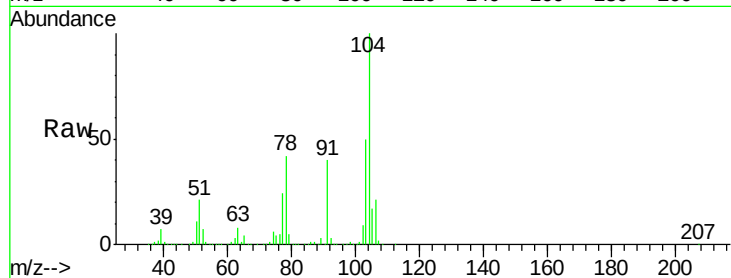
#70
Stvrene
Concen: 164.119 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:104 Resp: 1501871
Ion Ratio Lower Upper
104 100
78 46.3 37.7 56.5
103 54.3 43.5 65.3

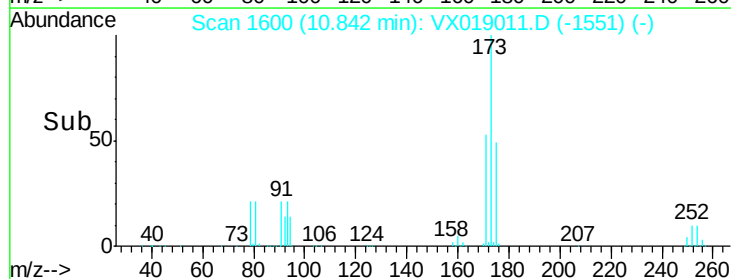
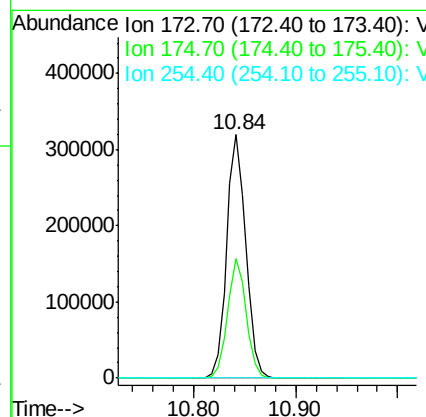
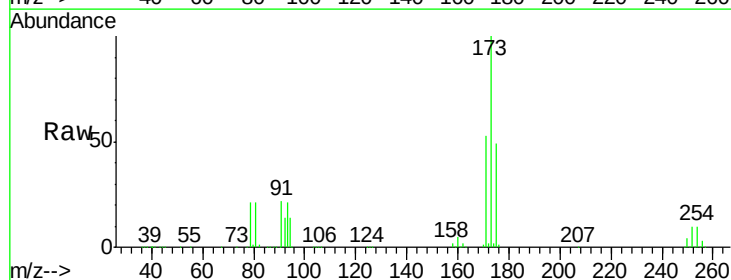
Manual Integrations
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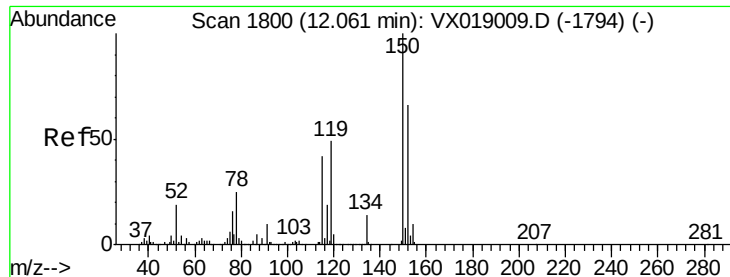
MMDadoda
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#71
Bromoform
Concen: 146.468 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion:173 Resp: 414178
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.4
254 0.2 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:152 Resp: 207264

Ion Ratio Lower Upper

152 100

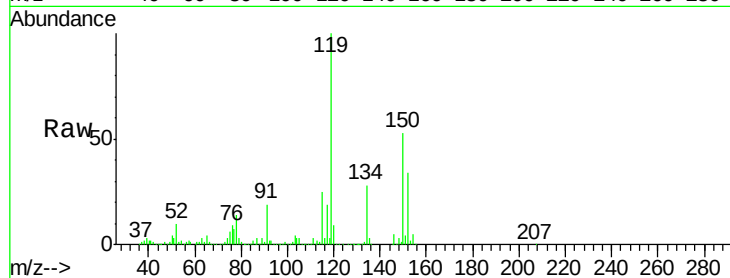
115 129.0 40.8 122.5#

150 205.9 0.0 345.6

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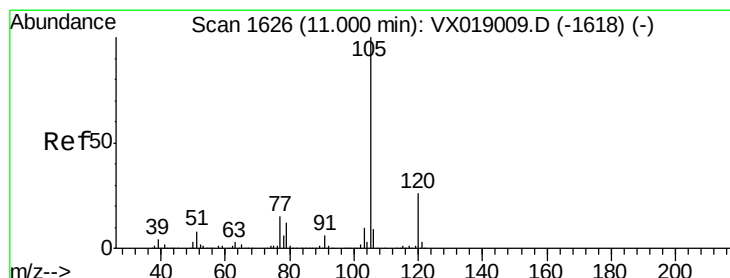
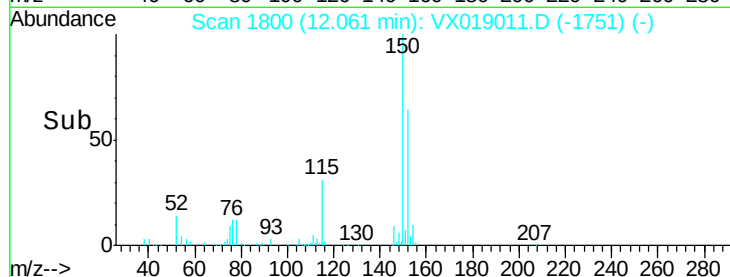
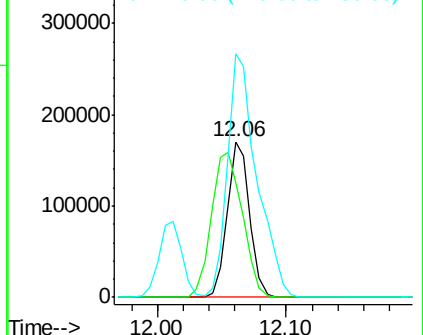
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 165.995 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019011.D

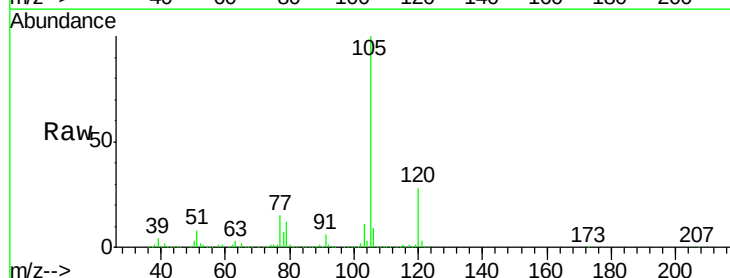
Acq: 21 Oct 2020 19:52

Tgt Ion:105 Resp: 2329151

Ion Ratio Lower Upper

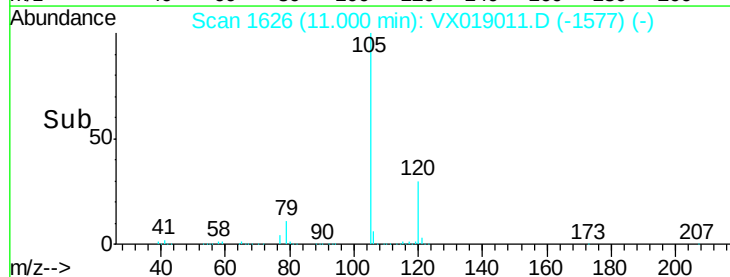
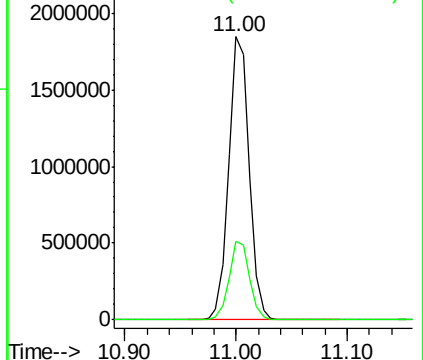
105 100

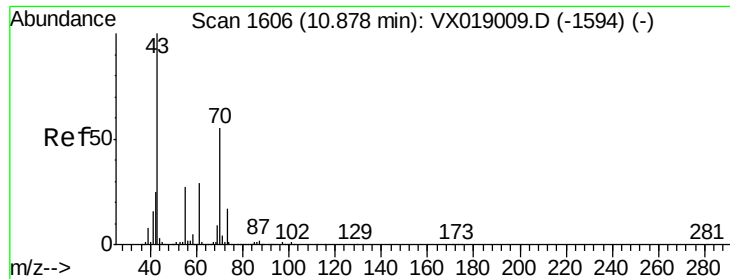
120 27.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 120.371 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

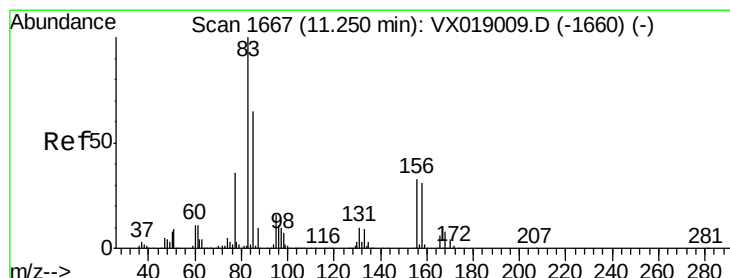
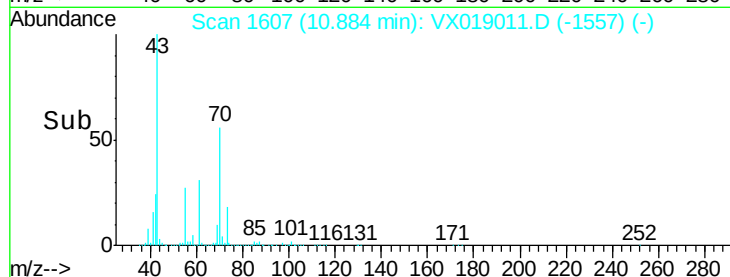
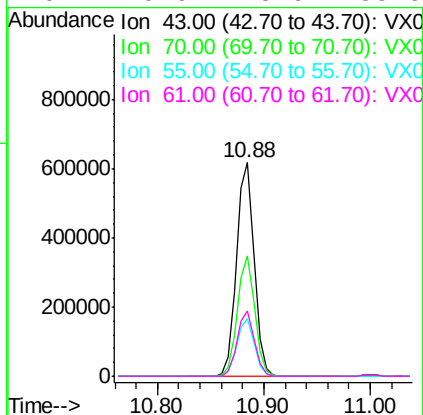
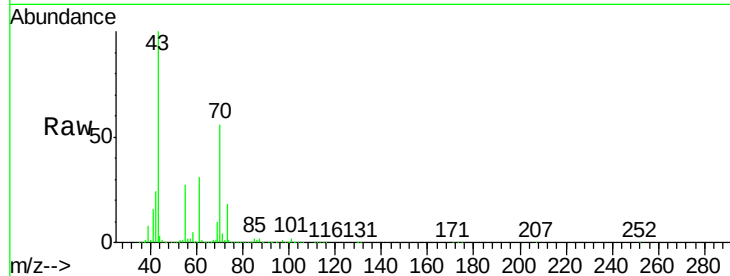
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	55.2	44.5	66.7	
55	26.9	21.9	32.9	
61	29.9	23.9	35.9	

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#75

1,1,2,2-Tetrachloroethane

Concen: 147.196 ug/l

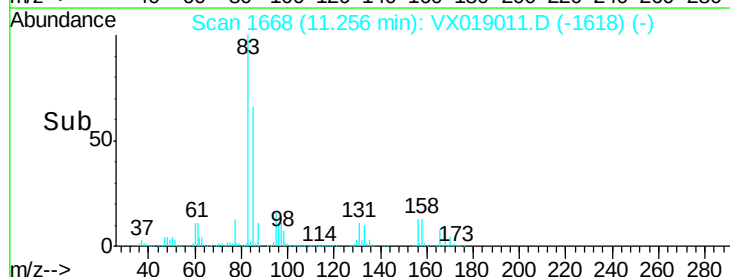
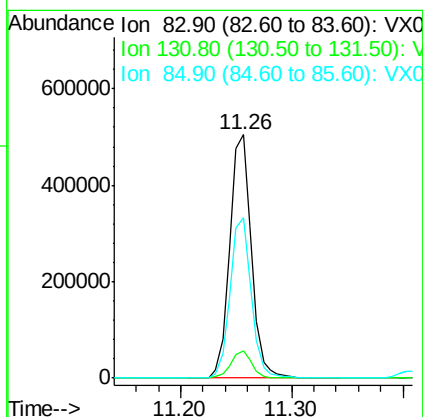
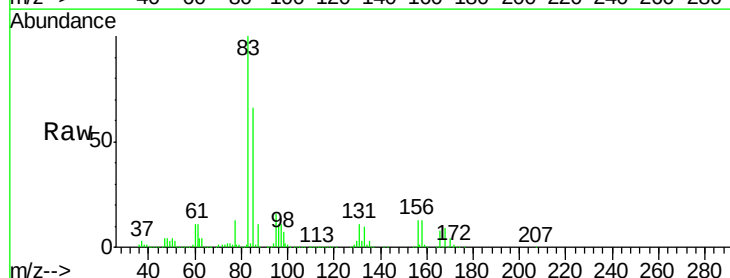
RT: 11.26 min Scan# 1668

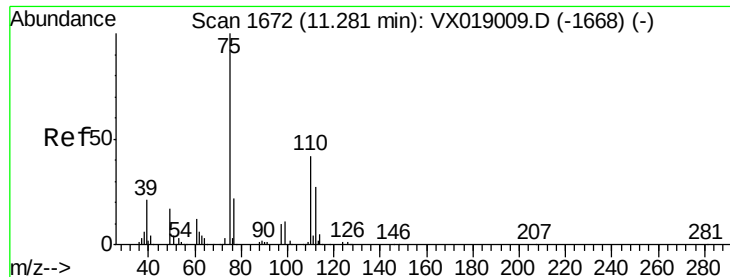
Delta R.T. 0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.8	5.1	15.4	
85	65.0	32.3	96.8	





#76

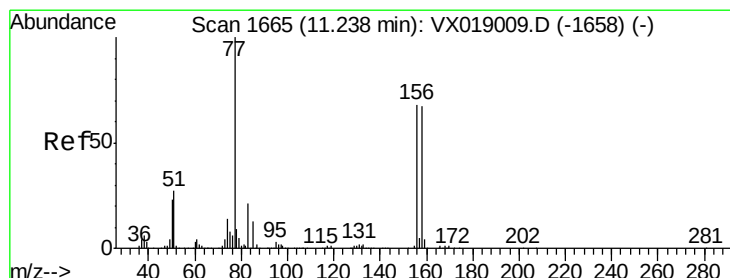
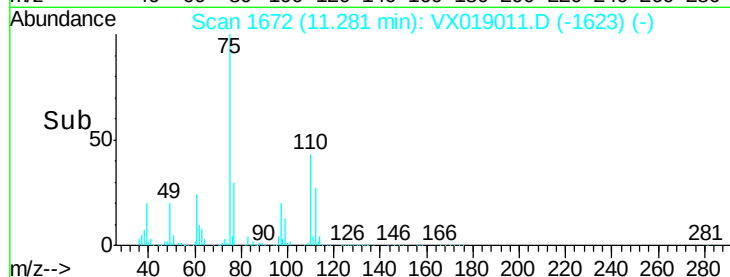
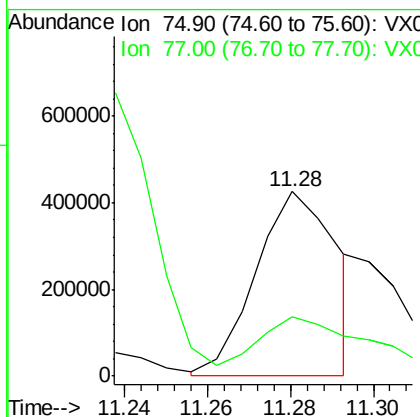
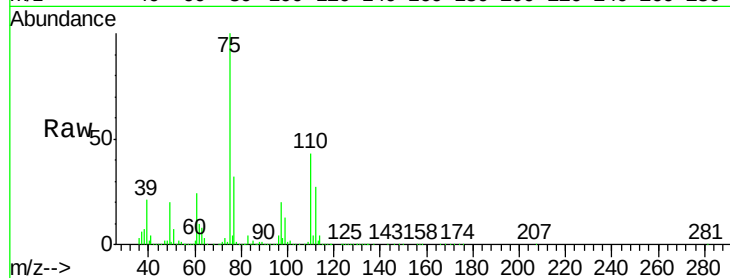
1,2,3-Trichloropropane
Concen: 133.860 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 75 Resp: 579340
Ion Ratio Lower Upper
75 100
77 44.2 20.7 62.1

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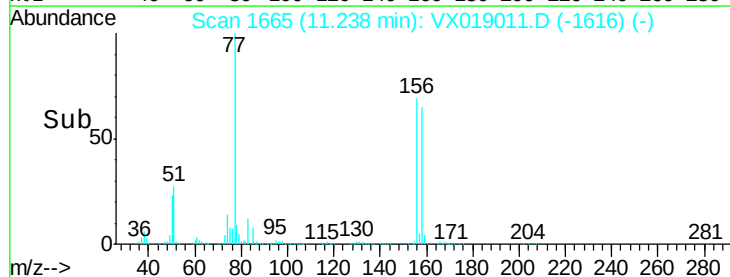
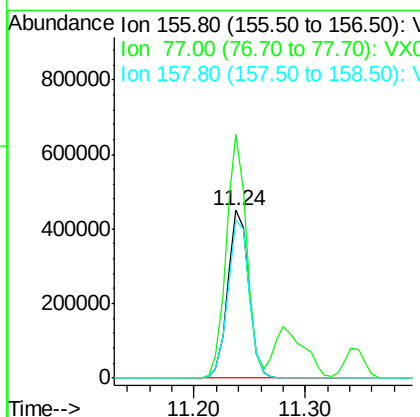
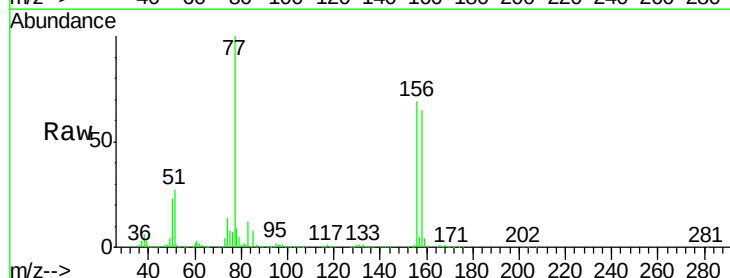
MMDadoda
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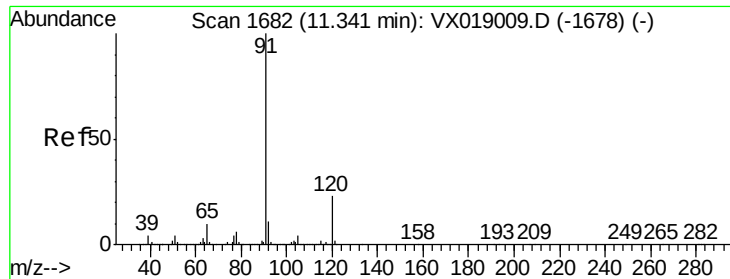


#77

Bromobenzene
Concen: 151.826 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion: 156 Resp: 580974
Ion Ratio Lower Upper
156 100
77 142.0 74.4 223.1
158 95.8 48.8 146.3





#78

n-propylbenzene

Concen: 156.326 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2548567

Ion Ratio Lower Upper

91 100

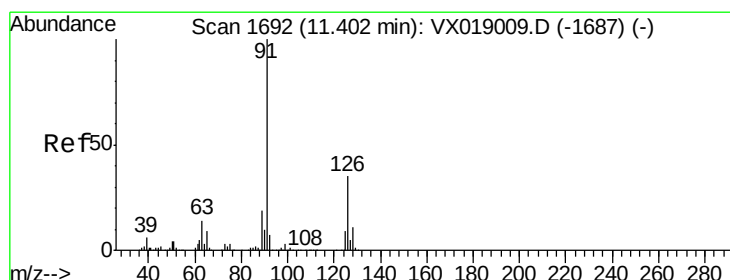
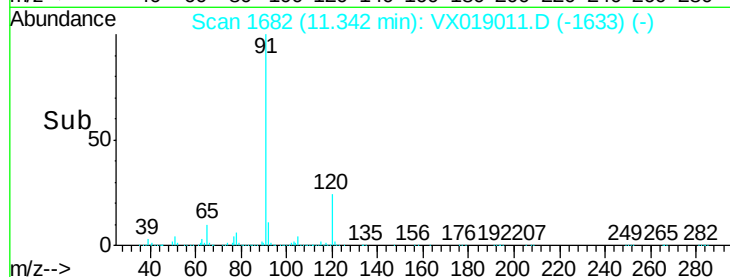
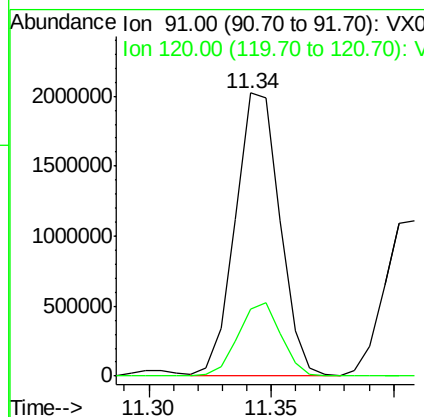
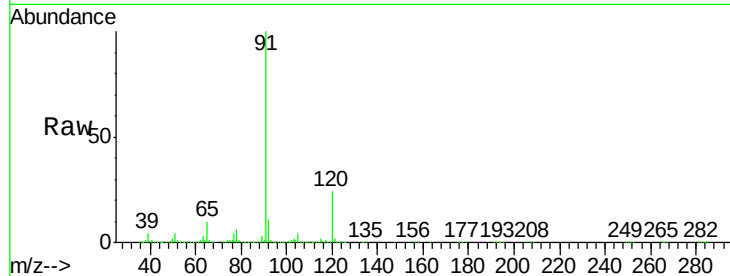
120 25.2 12.1 36.3

Manual Integrations

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#79

2-Chlorotoluene

Concen: 147.492 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX019011.D

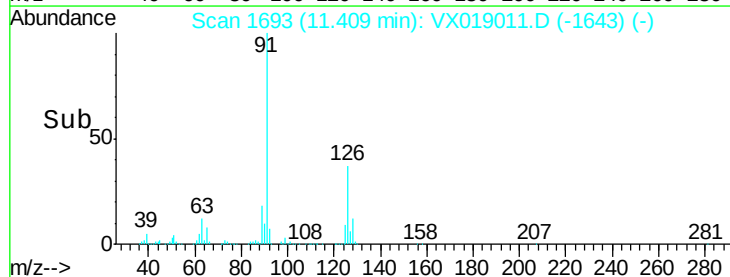
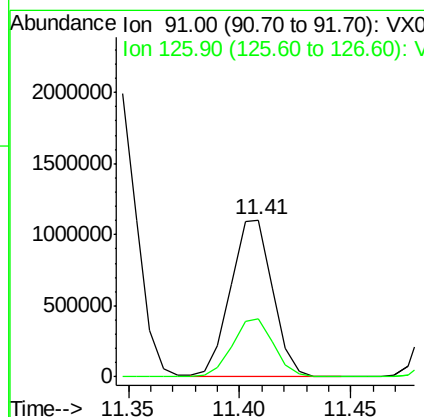
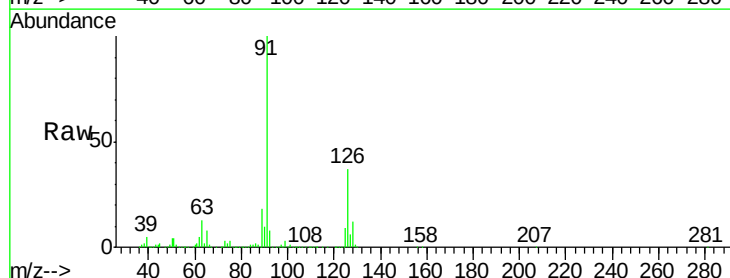
Acq: 21 Oct 2020 19:52

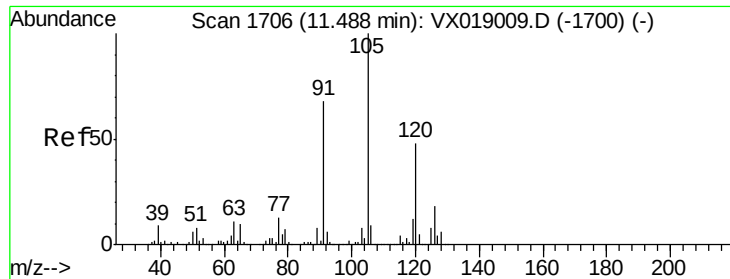
Tgt Ion: 91 Resp: 1448140

Ion Ratio Lower Upper

91 100

126 36.2 17.5 52.5





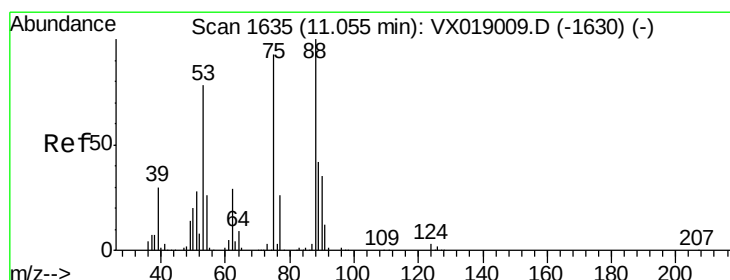
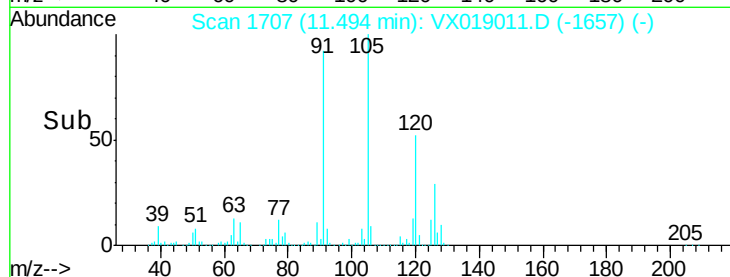
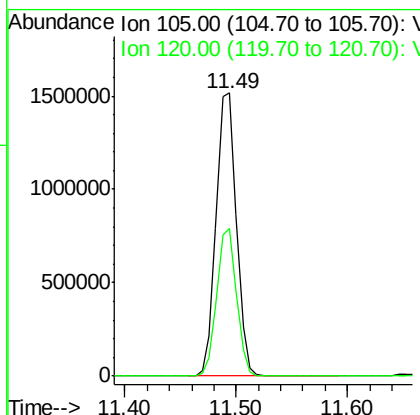
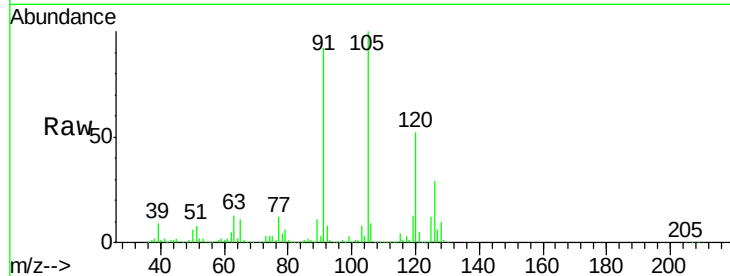
#80
 1,3,5-Trimethylbenzene
 Concen: 160.972 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 1917969
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.2 75.6

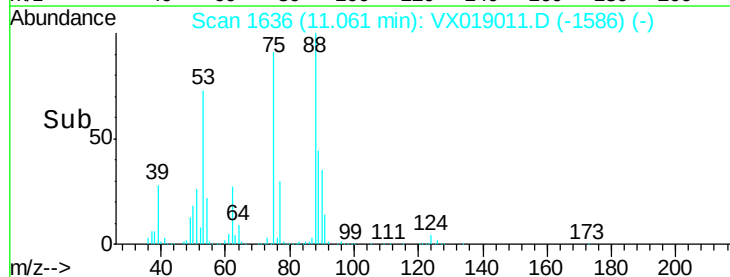
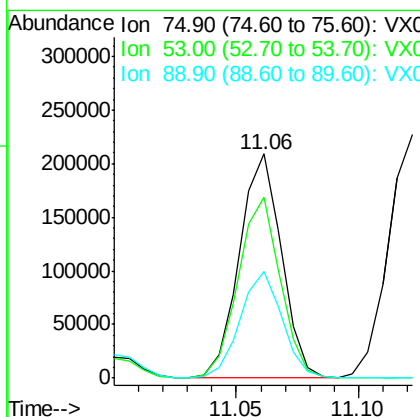
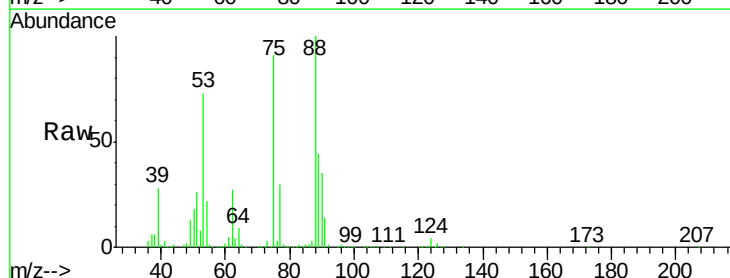
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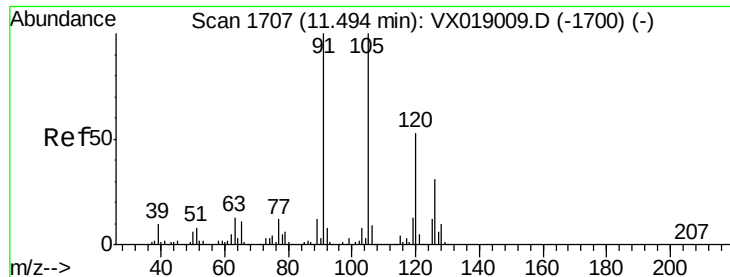
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.727 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. 0.01 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Tgt Ion: 75 Resp: 249758
 Ion Ratio Lower Upper
 75 100
 53 81.0 67.4 101.2
 89 47.9 37.2 55.8





#82

4-Chlorotoluene

Concen: 150.358 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1754320

Ion Ratio Lower Upper

91 100

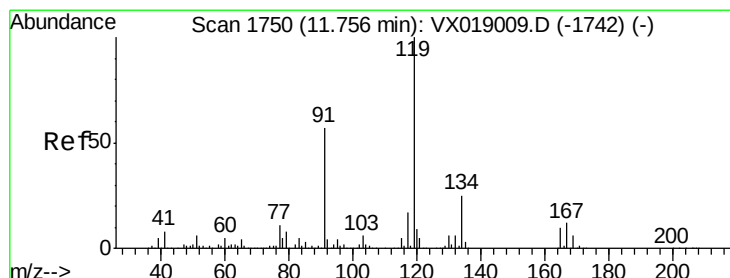
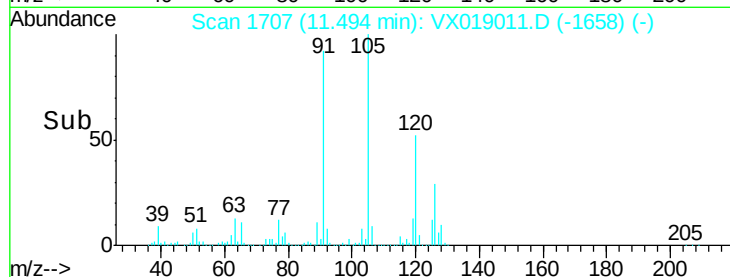
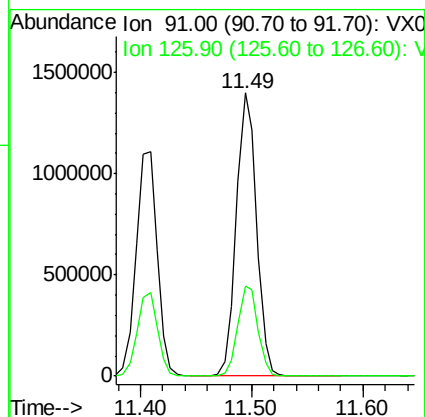
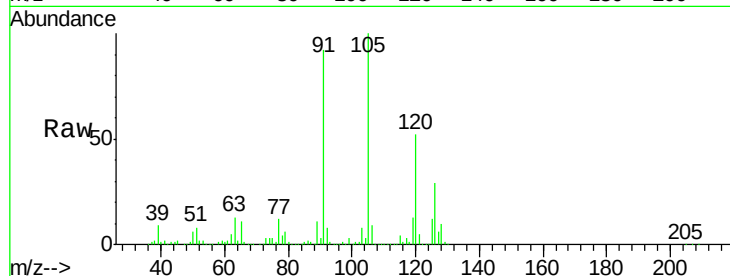
126 31.8 15.6 46.7

Manual Integrations

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#83

tert-Butylbenzene

Concen: 163.599 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

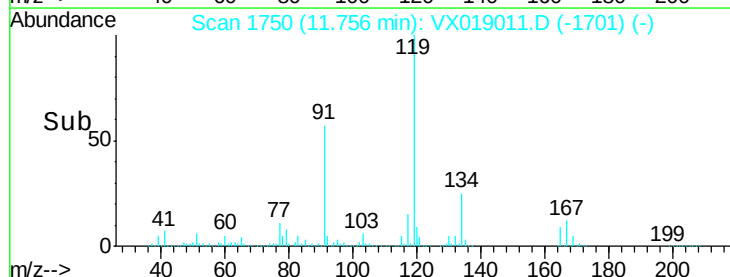
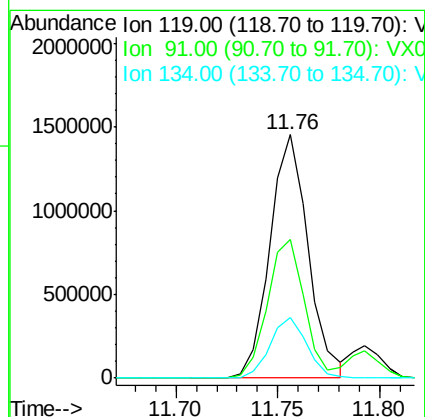
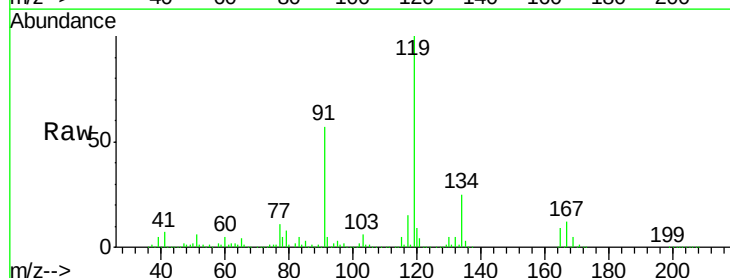
Tgt Ion: 119 Resp: 1899686

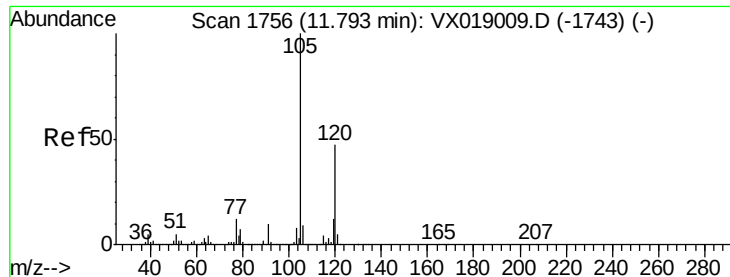
Ion Ratio Lower Upper

119 100

91 54.7 28.1 84.4

134 23.8 11.8 35.3





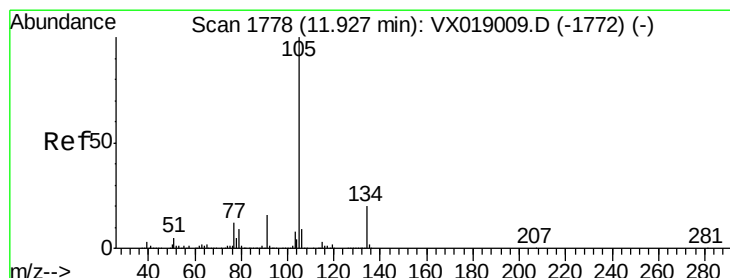
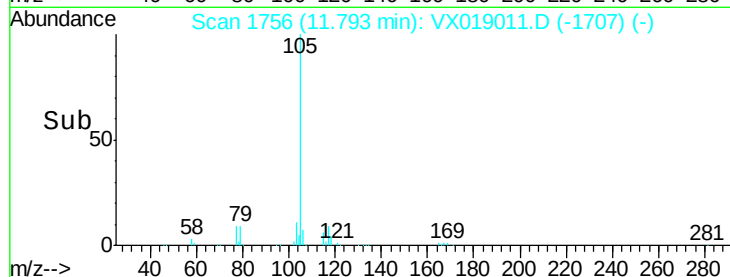
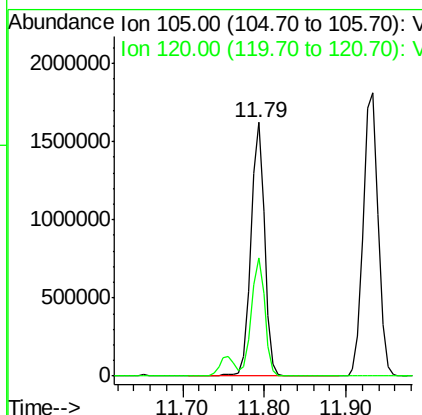
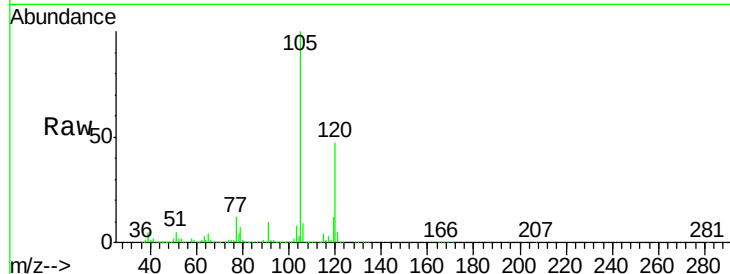
#84
 1,2,4-Trimethylbenzene
 Concen: 158.054 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 1892335
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.8

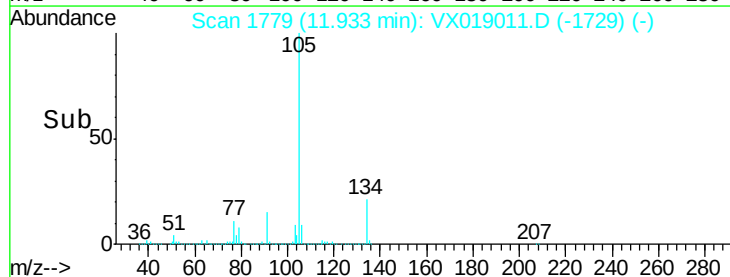
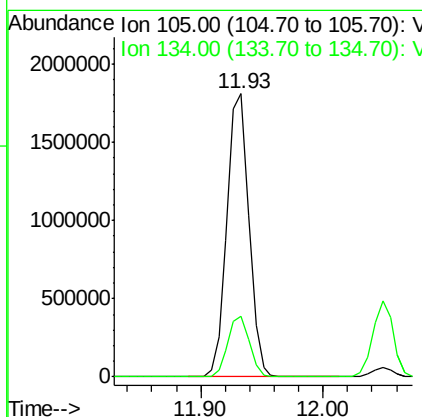
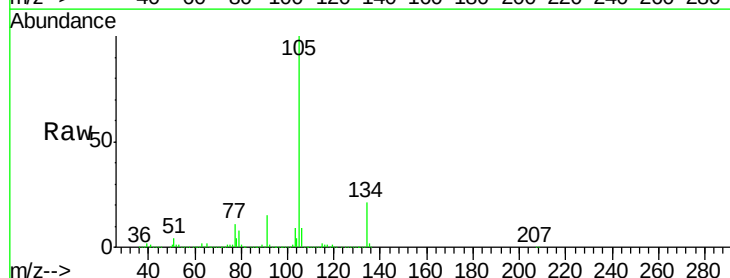
Manual Integrations
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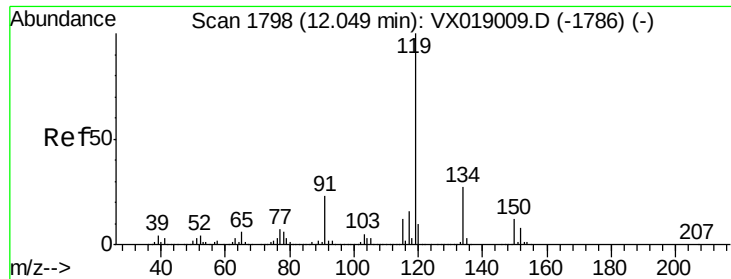
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#85
 sec-Butylbenzene
 Concen: 163.019 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Tgt Ion:105 Resp: 2241945
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.1





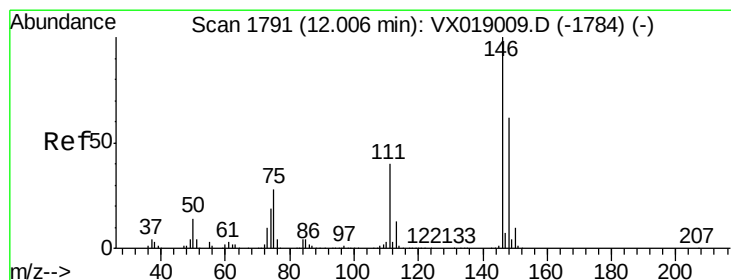
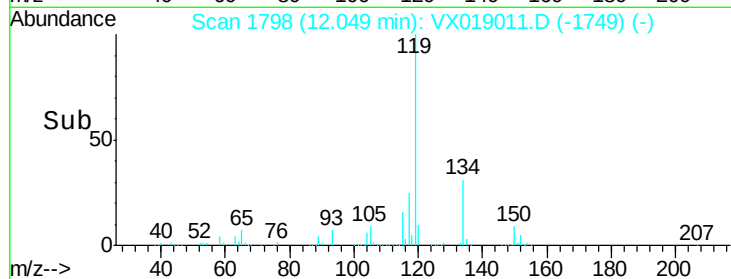
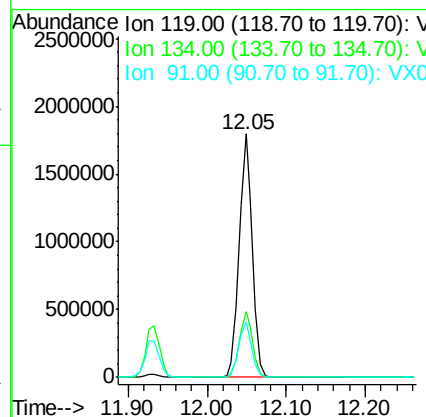
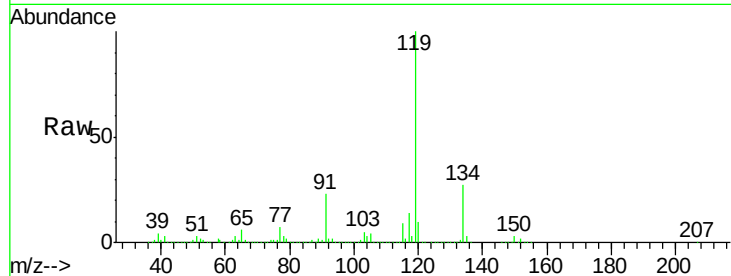
#86
 p-Isopropyltoluene
 Concen: 164.584 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.3	39.8
91	22.7	11.4	34.2

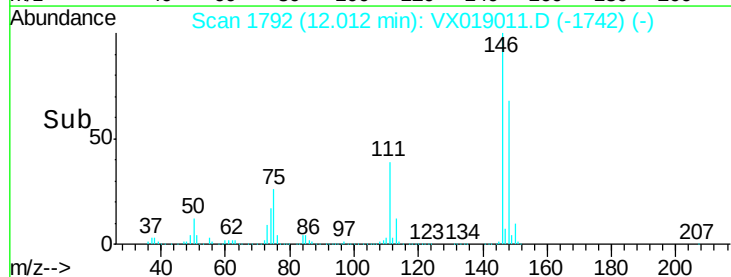
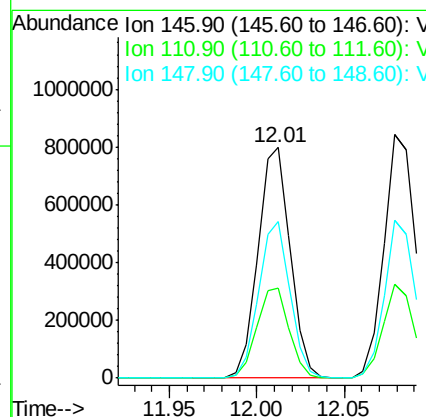
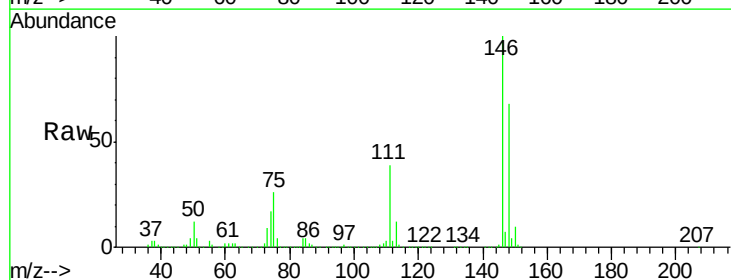
Manual Integrations
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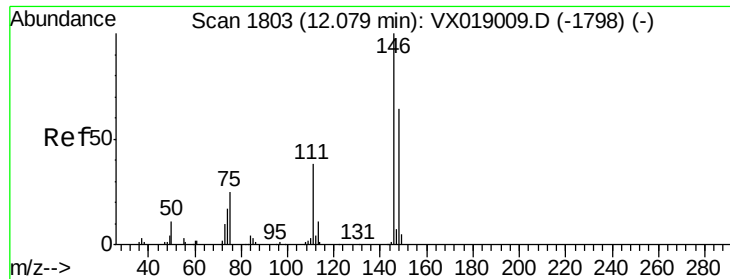
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#87
 1,3-Dichlorobenzene
 Concen: 148.772 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.1
148	66.1	32.0	96.0





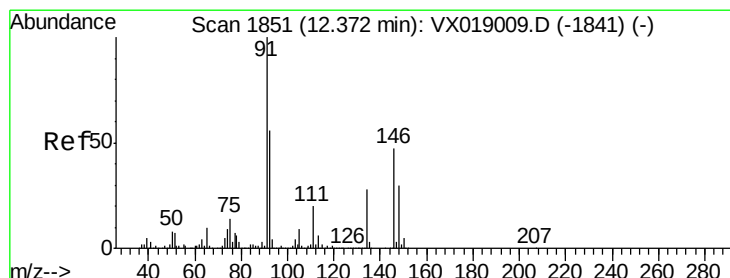
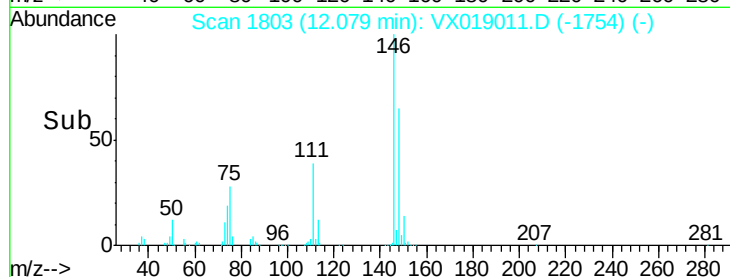
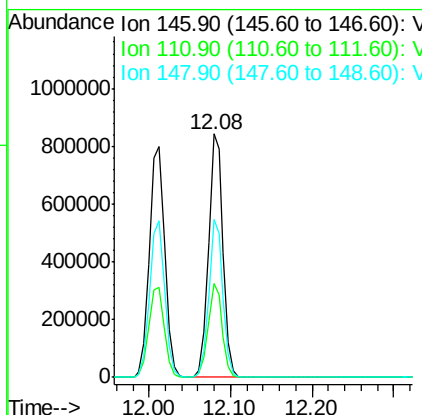
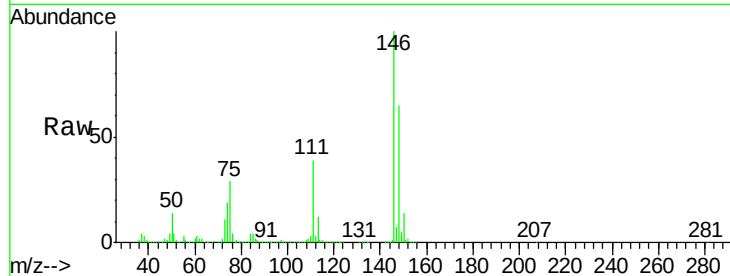
#88
 1,4-Dichlorobenzene
 Concen: 150.504 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1049008
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.4 58.2
 148 63.0 32.2 96.6

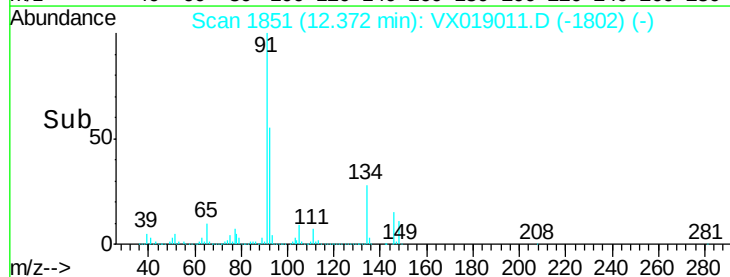
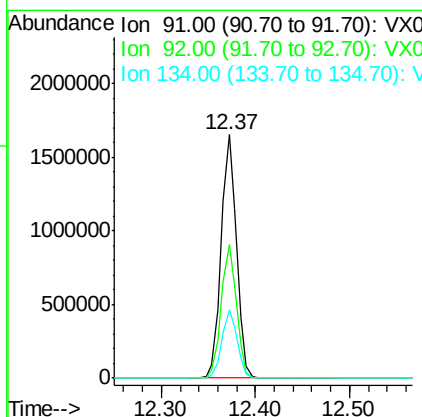
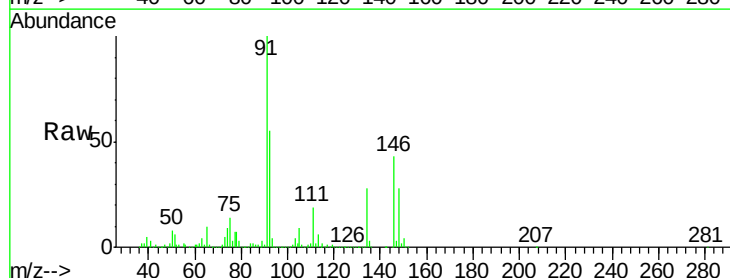
Manual Integrations
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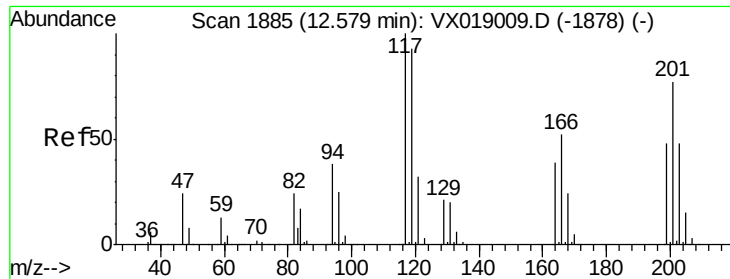
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#89
 n-Butylbenzene
 Concen: 159.839 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Tgt Ion: 91 Resp: 1858626
 Ion Ratio Lower Upper
 91 100
 92 54.5 27.3 81.9
 134 27.9 13.6 40.7





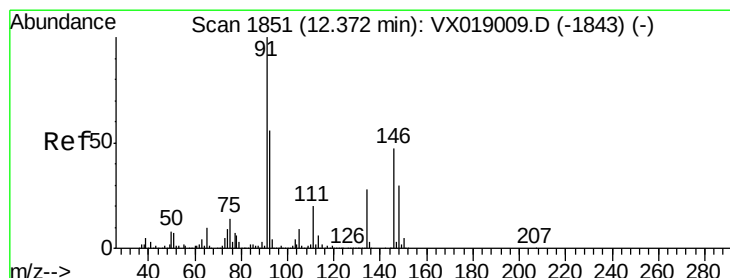
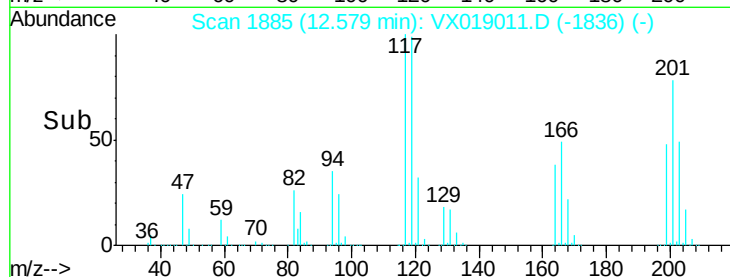
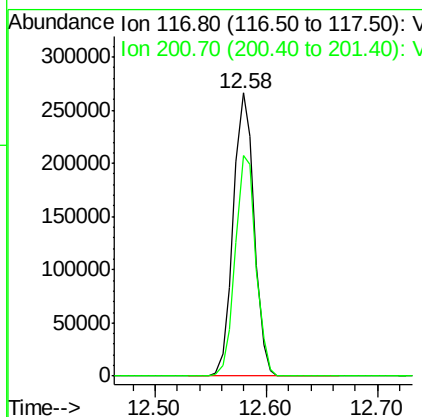
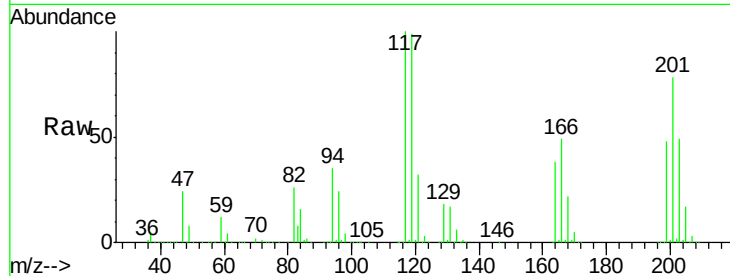
#90
 Hexachloroethane
 Concen: 141.090 ug/l
 RT: 12.58 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	344725		
201	77.7	37.1	111.3	

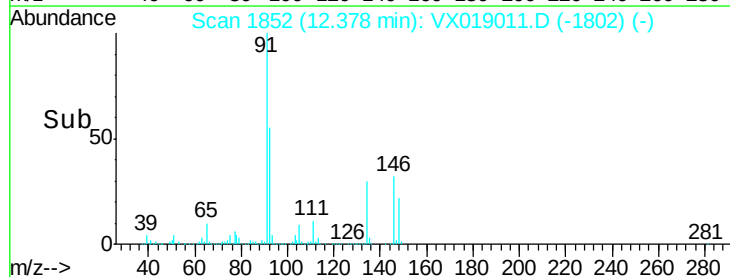
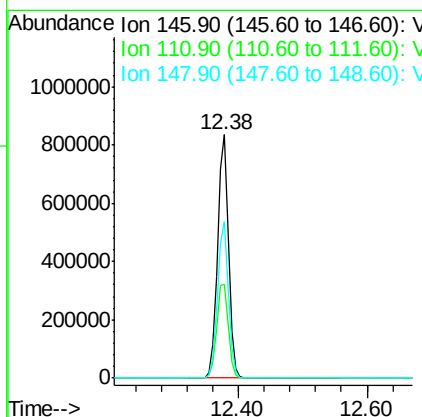
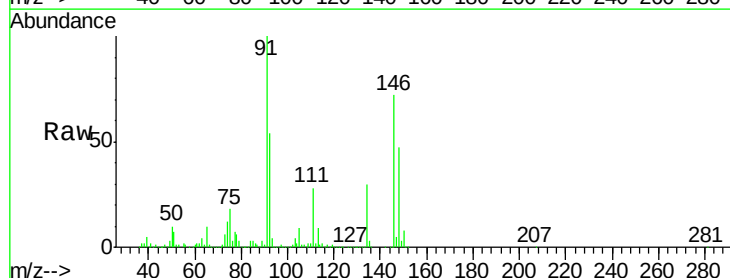
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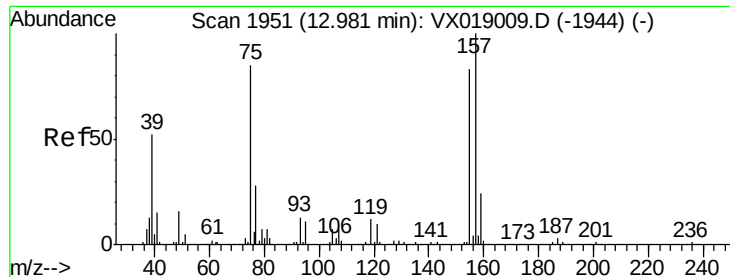
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#91
 1,2-Dichlorobenzene
 Concen: 155.357 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1002624		
111	41.1	19.9	59.7	
148	64.5	31.4	94.3	





#92

1,2-Dibromo-3-Chloropropane

Concen: 147.346 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 160703

Ion Ratio Lower Upper

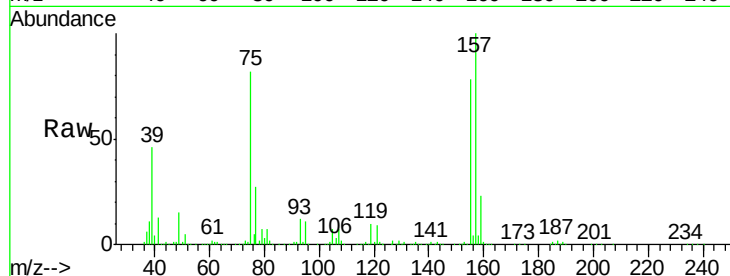
75 100

155 97.6 47.3 142.0

157 127.1 59.7 179.0

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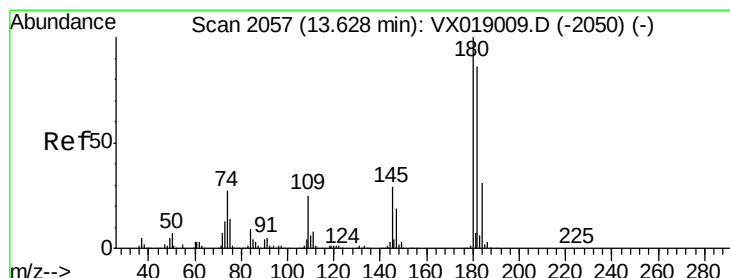
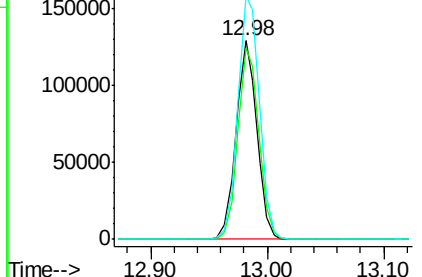
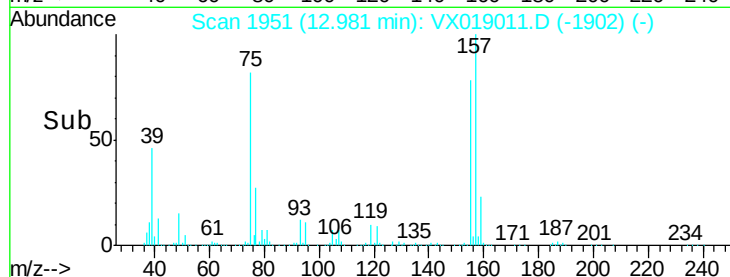
MMDadoda
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Abundance Ion 74.90 (74.60 to 75.60): VX019011.D (-1902) (-)

Ion 154.80 (154.50 to 155.50): VX019011.D (-1902) (-)

Ion 156.80 (156.50 to 157.50): VX019011.D (-1902) (-)



#93

1,2,4-Trichlorobenzene

Concen: 168.427 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

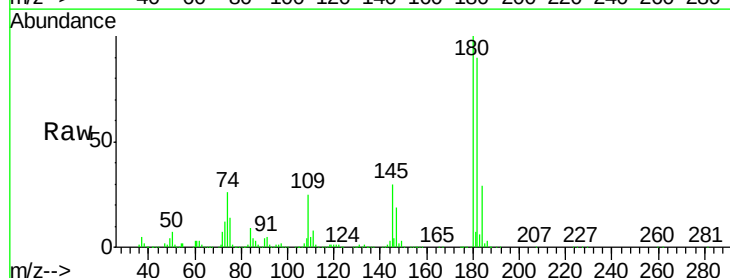
Tgt Ion: 180 Resp: 760882

Ion Ratio Lower Upper

180 100

182 92.2 46.4 139.2

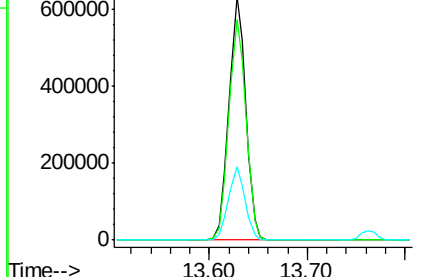
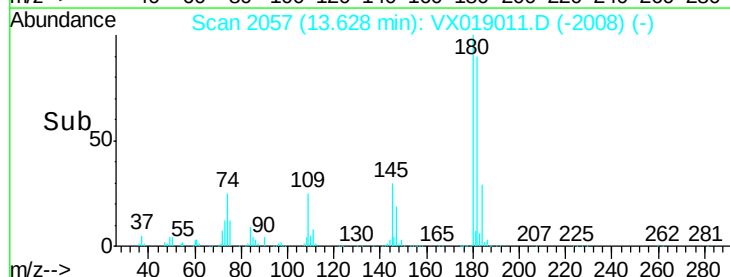
145 29.6 15.2 45.6

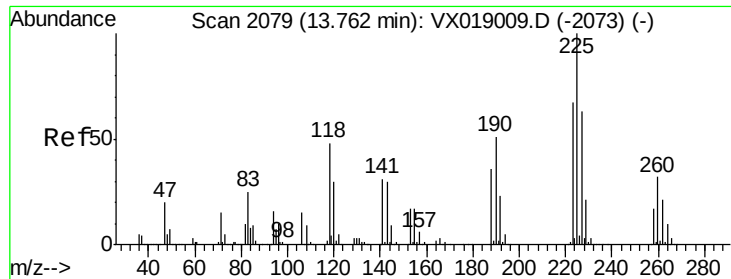


Abundance Ion 179.80 (179.50 to 180.50): VX019011.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX019011.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX019011.D (-2008) (-)





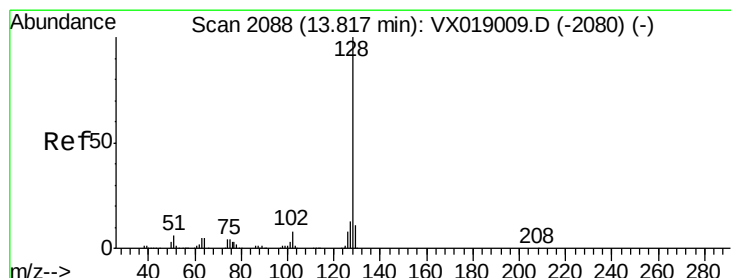
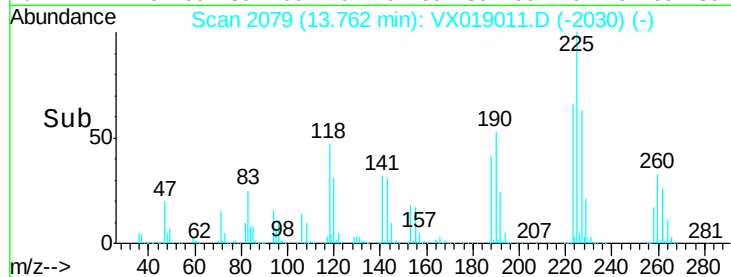
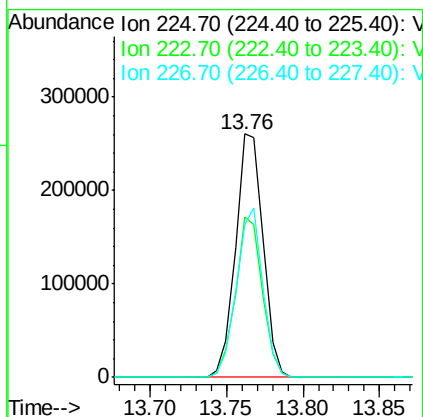
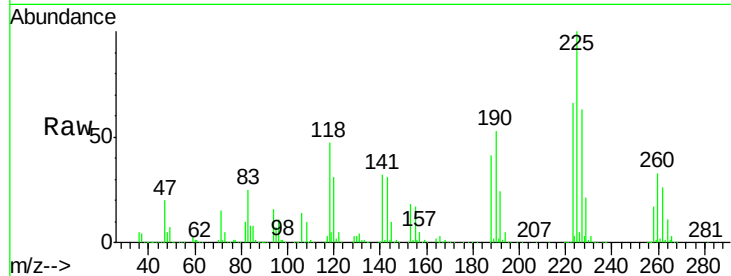
#94
Hexachlorobutadiene
Concen: 169.083 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
225	100	324181		
223	64.4	32.5	97.4	
227	66.5	31.9	95.7	

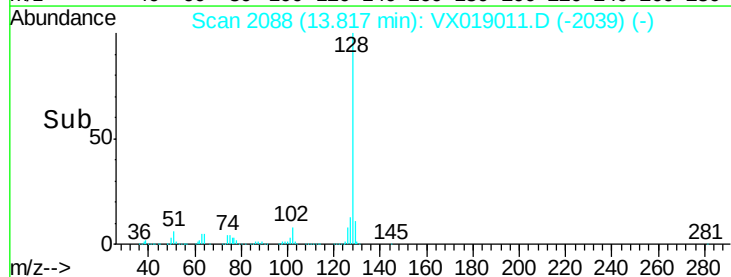
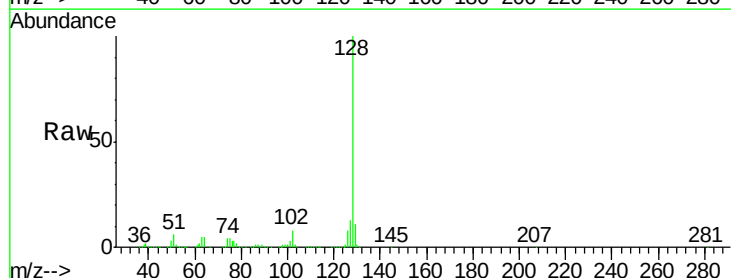
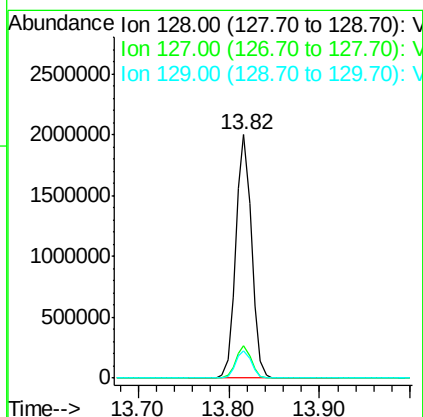
Manual Integrations
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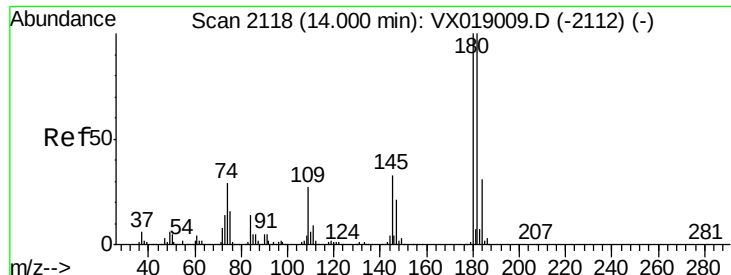
MMDadoda
10/22/2020 1:22:06 PM



#95
Naphthalene
Concen: 176.964 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	2418092		
127	13.1	10.5	15.7	
129	11.1	8.7	13.1	





#96
 1,2,3-Trichlorobenzene
 Concen: 172.793 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	745881		
182	94.0		47.3	142.0
145	32.0		15.9	47.6

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 1:22:06 PM

