

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018055.D
 Acq On : 21 Aug 2020 13:50
 Operator : JC/SP
 Sample : VX0821WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Manual Integrations
 APPROVED

sam
 8/24/2020 5:49:48 PM

Quant Time: Aug 22 00:12:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	657187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1067042	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1002980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	494744	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	491782	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	
35) Dibromofluoromethane	5.47	113	386768	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
50) Toluene-d8	8.70	98	1421161	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	11.12	95	554507	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	156632	19.576	ug/l	98
3) Chloromethane	1.31	50	159553	18.914	ug/l	99
4) Vinyl Chloride	1.39	62	157840	18.796	ug/l	100
5) Bromomethane	1.63	94	98682	24.364	ug/l	97
6) Chloroethane	1.72	64	94543	20.962	ug/l	97
7) Trichlorofluoromethane	1.92	101	237011	20.699	ug/l	98
8) Diethyl Ether	2.17	74	79882	20.571	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	127701	20.629	ug/l	96
10) Methyl Iodide	2.49	142	123861	22.011	ug/l	100
11) Tert butyl alcohol	3.02	59	169333	95.457	ug/l	96
12) 1,1-Dichloroethene	2.36	96	123335	19.204	ug/l	95
13) Acrolein	2.28	56	69683	94.736	ug/l	98
14) Allyl chloride	2.71	41	249910	21.659	ug/l	99
15) Acrylonitrile	3.12	53	416047	103.393	ug/l	98
16) Acetone	2.42	43	404967	113.913	ug/l	99
17) Carbon Disulfide	2.55	76	385023	19.831	ug/l	99
18) Methyl Acetate	2.75	43	178884	20.852	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	463744	21.055	ug/l	100
20) Methylene Chloride	2.84	84	153668	20.450	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	143501	20.168	ug/l	98
22) Diisopropyl ether	3.83	45	490462	21.536	ug/l	98
23) Vinyl Acetate	3.79	43	2206212	108.872	ug/l	99
24) 1,1-Dichloroethane	3.67	63	268886	20.741	ug/l	98
25) 2-Butanone	4.64	43	621477	106.370	ug/l	99
26) 2,2-Dichloropropane	4.56	77	243158	23.053	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	163962	20.000	ug/l	98
28) Bromochloromethane	4.98	49	126470	20.211	ug/l	96
29) Tetrahydrofuran	5.10	42	381647	102.613	ug/l	99
30) Chloroform	5.18	83	277638	20.683	ug/l	98
31) Cyclohexane	5.55	56	229553	21.021	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	253270	20.560	ug/l	100
36) 1,1-Dichloropropene	5.77	75	202367	20.562	ug/l	99
37) Ethyl Acetate	4.80	43	230449	20.160	ug/l	99
38) Carbon Tetrachloride	5.76	117	226697	20.439	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	221657	20.597	ug/l	98
40) Benzene	6.12	78	593301	20.516	ug/l	97
41) Methacrylonitrile	5.00	41	124934	19.906	ug/l	99
42) 1,2-Dichloroethane	6.17	62	228599	20.632	ug/l	100
43) Isopropyl Acetate	6.42	43	374460	20.282	ug/l	100
44) Trichloroethene	7.19	130	160068	19.589	ug/l	93
45) 1,2-Dichloropropane	7.49	63	160784	20.629	ug/l	94
46) Dibromomethane	7.64	93	110702	20.197	ug/l	94
47) Bromodichloromethane	7.88	83	220949	20.189	ug/l	99
48) Methyl methacrylate	7.74	41	180365	19.624	ug/l	99
49) 1,4-Dioxane	7.72	88	62531	375.596	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1154870	101.264	ug/l	100
52) Toluene	8.77	92	372371	20.306	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	246428	20.317	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	262536	20.433	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	154154	19.711	ug/l	97
56) Ethyl methacrylate	9.16	69	231700	19.929	ug/l	99
57) 1,3-Dichloropropane	9.35	76	261009	20.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	537039	102.682	ug/l	99
59) 2-Hexanone	9.48	43	898925	103.660	ug/l	99
60) Dibromochloromethane	9.57	129	182913	19.937	ug/l	100
61) 1,2-Dibromoethane	9.65	107	162771	19.170	ug/l	99
64) Tetrachloroethene	9.32	164	148683	20.173	ug/l	92
65) Chlorobenzene	10.12	112	405586	20.247	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	154458	19.564	ug/l	97
67) Ethyl Benzene	10.24	91	711034	20.872	ug/l	99
68) m/p-Xylenes	10.34	106	525355	41.318	ug/l	97
69) o-Xylene	10.68	106	254712	20.665	ug/l	99
70) Styrene	10.70	104	434096	20.680	ug/l	98
71) Bromoform	10.84	173	130212	19.336	ug/l #	97
73) Isopropylbenzene	11.00	105	684614	20.979	ug/l	99
74) N-amyl acetate	10.88	43	325556	21.026	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	229580	19.943	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	216308m	19.654	ug/l	
77) Bromobenzene	11.24	156	183246	20.314	ug/l	97
78) n-propylbenzene	11.34	91	788811	21.288	ug/l	99
79) 2-Chlorotoluene	11.40	91	478584	20.905	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	576732	21.506	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	82335	20.205	ug/l	97
82) 4-Chlorotoluene	11.49	91	565477	20.778	ug/l	100
83) tert-Butylbenzene	11.76	119	559574	21.144	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	577637	21.068	ug/l	99
85) sec-Butylbenzene	11.93	105	655251	21.772	ug/l	100
86) p-Isopropyltoluene	12.05	119	603802	21.841	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	309709	19.555	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	314219	19.815	ug/l	96
89) n-Butylbenzene	12.37	91	530847	21.039	ug/l	99
90) Hexachloroethane	12.58	117	112692	20.719	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	311551	20.898	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54485	18.929	ug/l	97

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ClientSampleId :
VX0821WBSD02

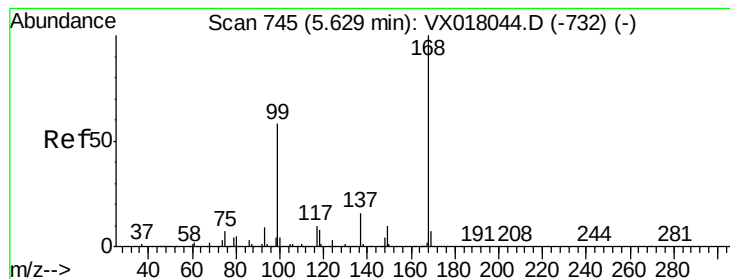
Manual Integrations
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8/24/2020 5:49:48 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	192042	19.317	ug/l	99
94) Hexachlorobutadiene	13.77	225	73069	18.634	ug/l	98
95) Naphthalene	13.82	128	642280	19.631	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	193990	19.748	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: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion:168 Resp: 657187

Ion Ratio Lower Upper

168 100

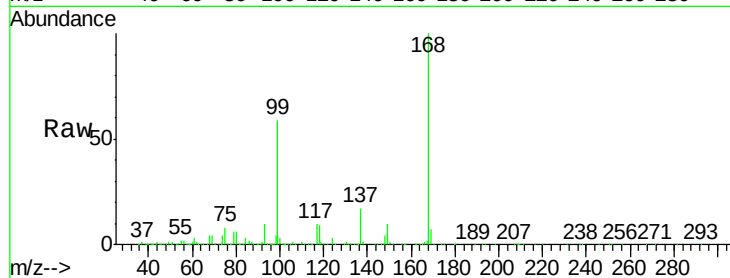
99 59.3 46.3 69.5

Manual Integrations

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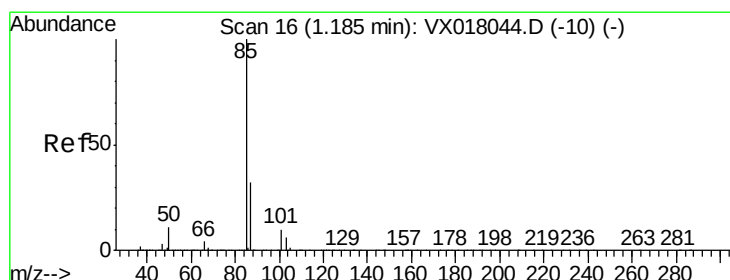
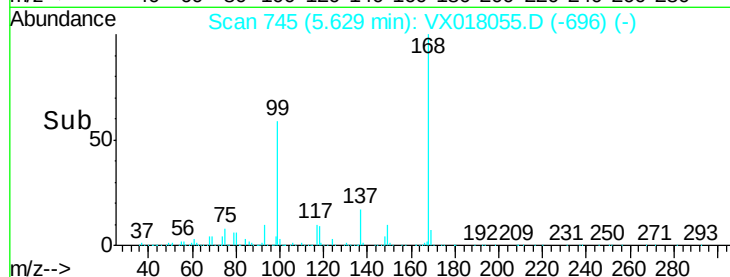
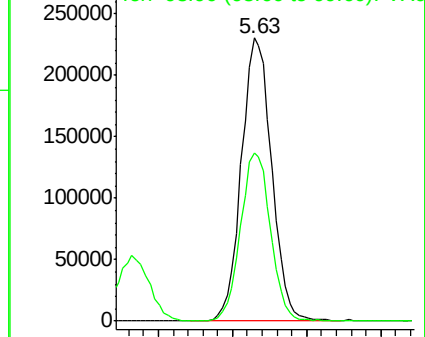
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.576 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018055.D

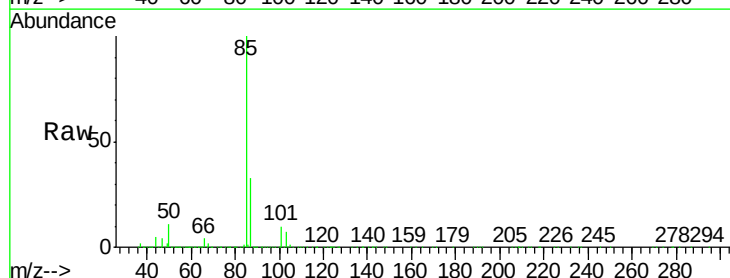
Acq: 21 Aug 2020 13:50

Tgt Ion: 85 Resp: 156632

Ion Ratio Lower Upper

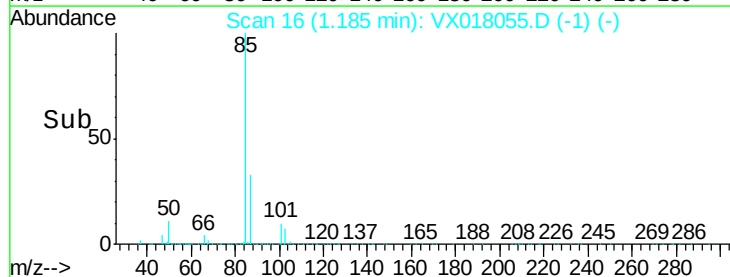
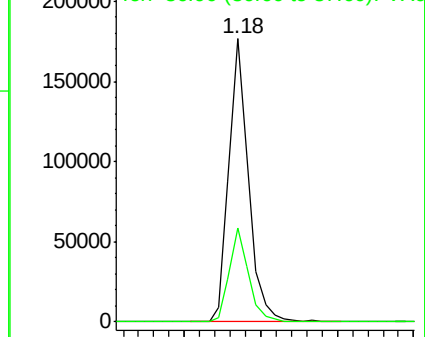
85 100

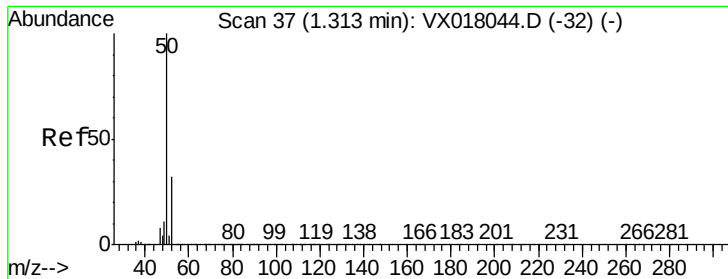
87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.914 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 50 Resp: 159553

Ion Ratio Lower Upper

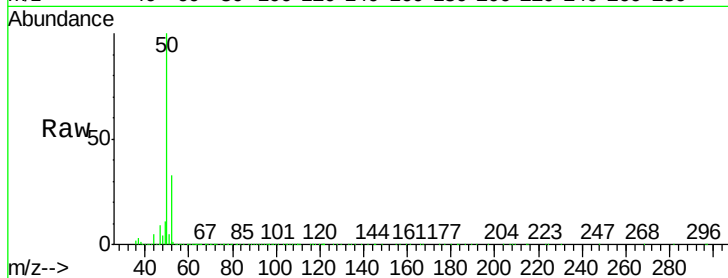
50 100

52 32.4 25.4 38.2

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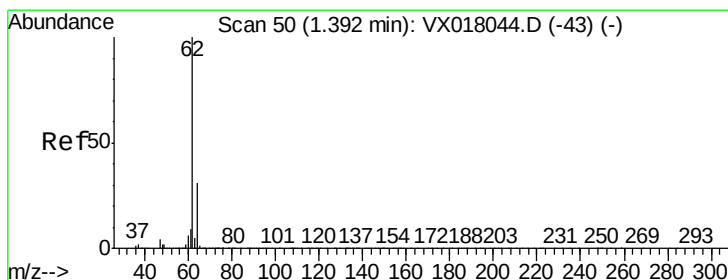
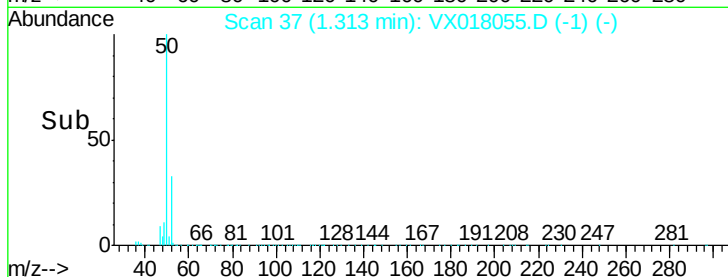
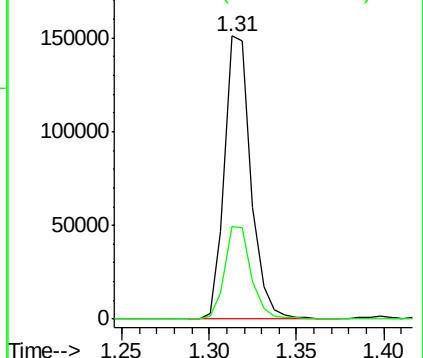
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.796 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018055.D

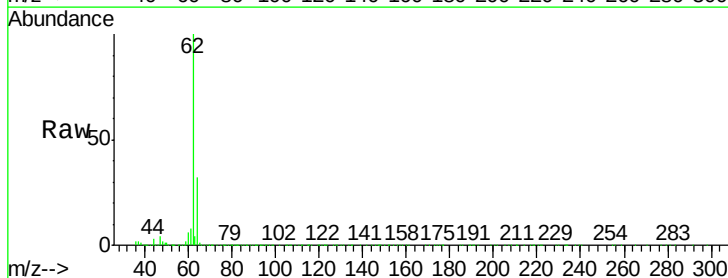
Acq: 21 Aug 2020 13:50

Tgt Ion: 62 Resp: 157840

Ion Ratio Lower Upper

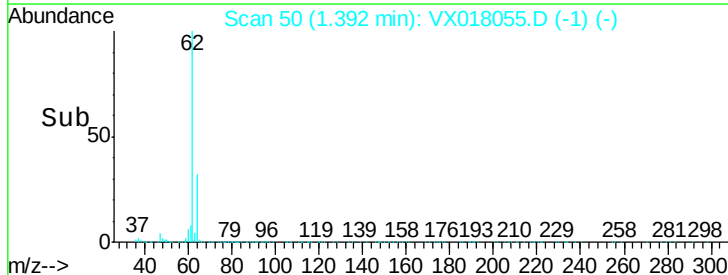
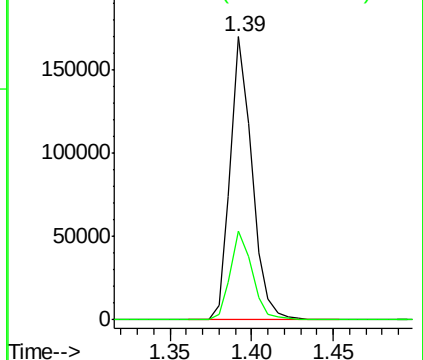
62 100

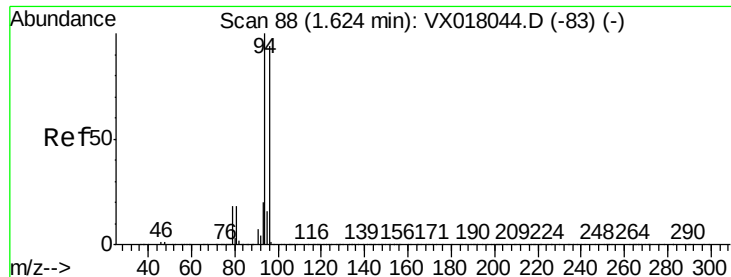
64 31.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.364 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 94 Resp: 98682

Ion Ratio Lower Upper

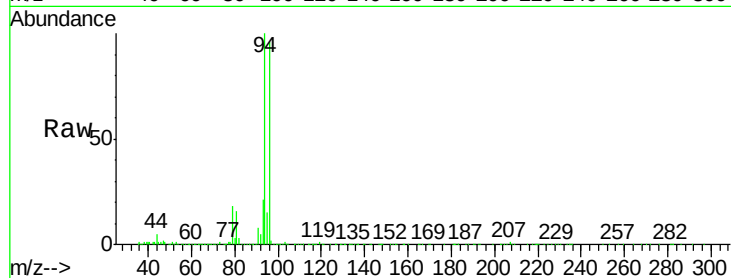
94 100

96 96.0 74.8 112.2

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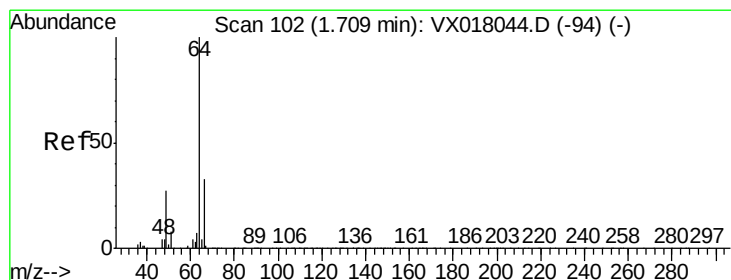
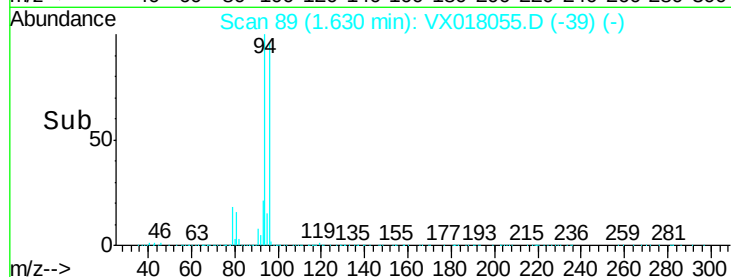
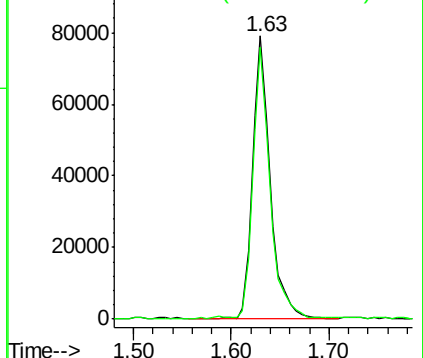
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.962 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018055.D

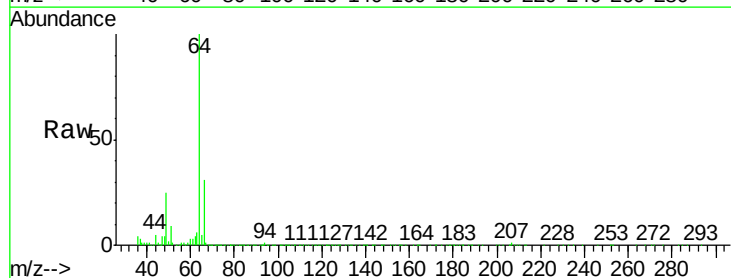
Acq: 21 Aug 2020 13:50

Tgt Ion: 64 Resp: 94543

Ion Ratio Lower Upper

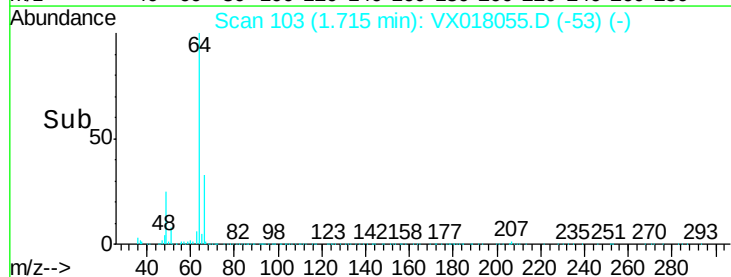
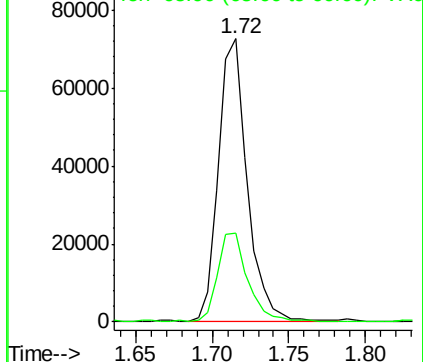
64 100

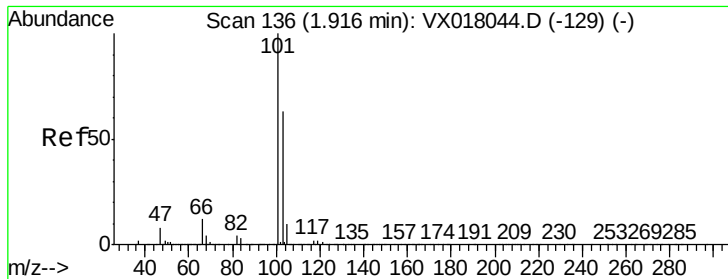
66 31.2 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

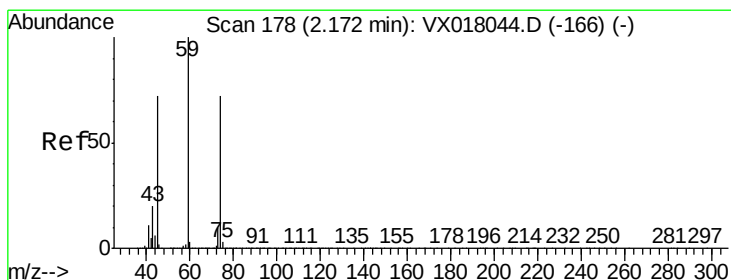
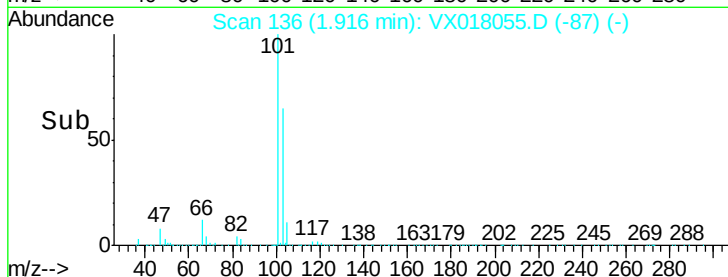
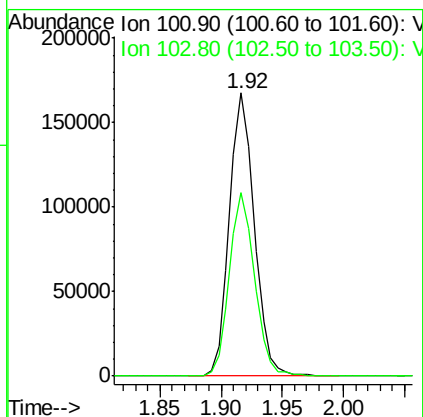
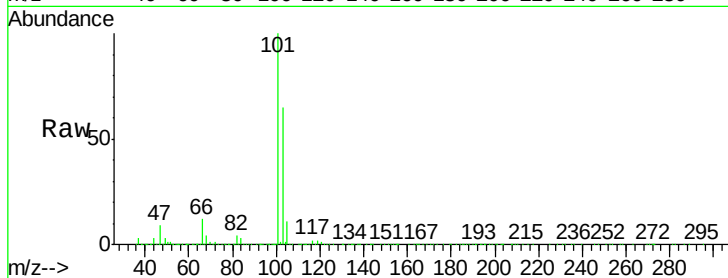
Trichlorofluoromethane
Concen: 20.699 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
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ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	50.7	76.1

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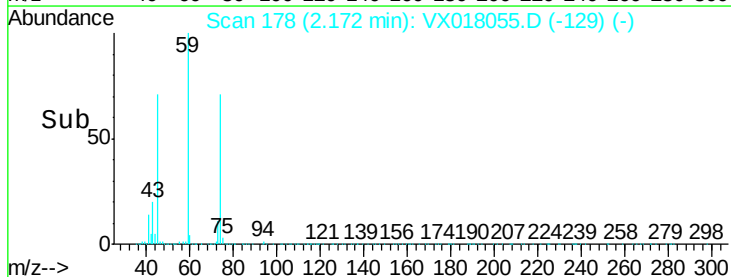
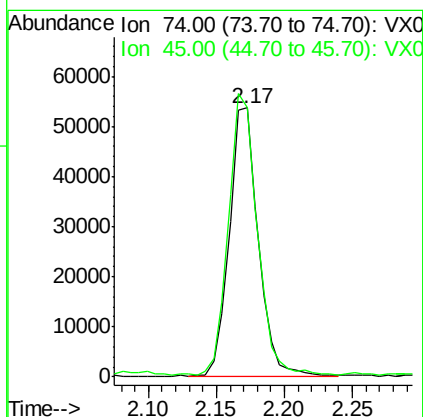
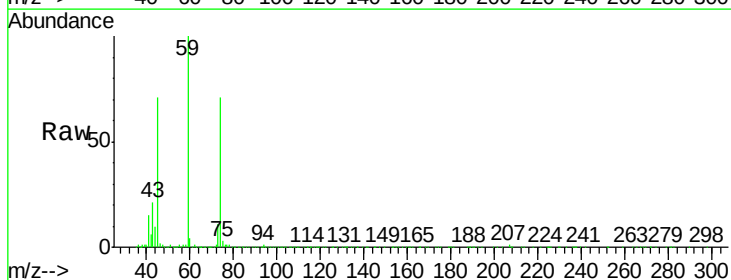
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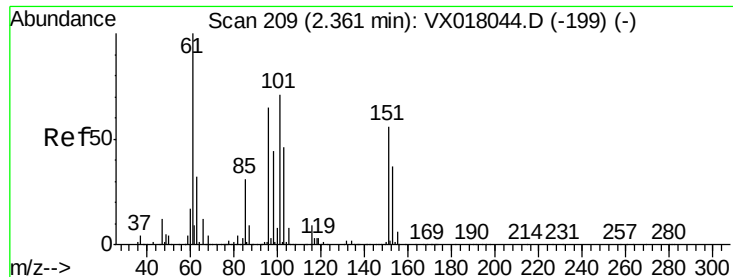


#8

Diethyl Ether
Concen: 20.571 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.2	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.629 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

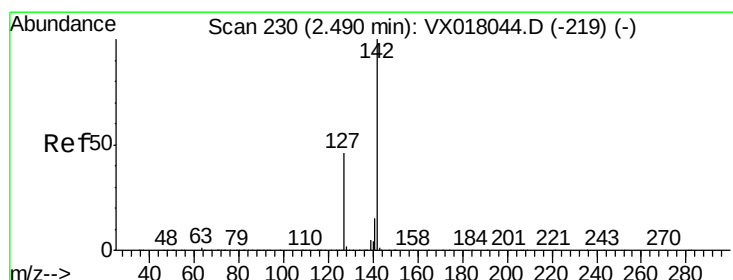
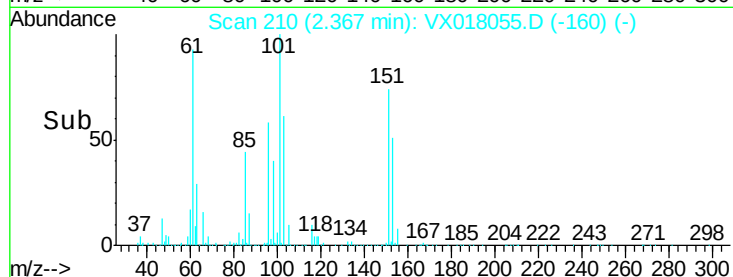
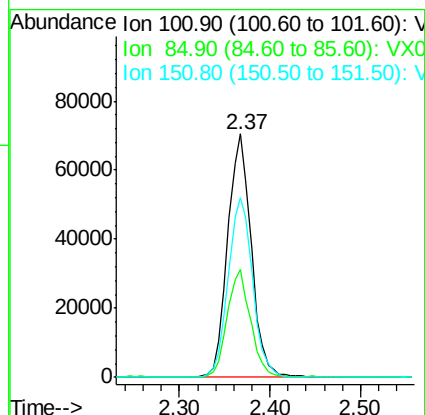
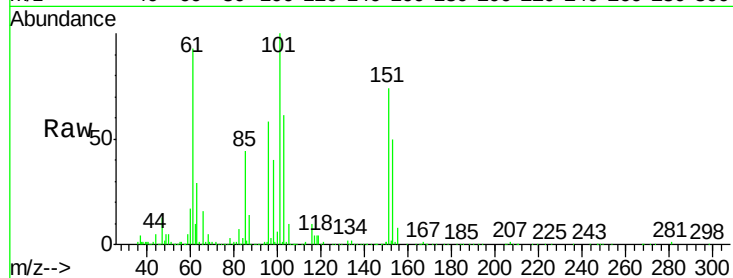
ClientSampleId :

VX0821WBSD02

Tot Ion:	101	Resp:	127701
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.0	51.0
151	76.3	65.2	97.8

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#10

Methyl Iodide

Concen: 22.011 ug/l

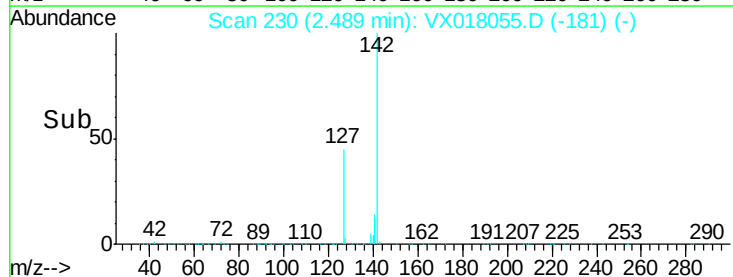
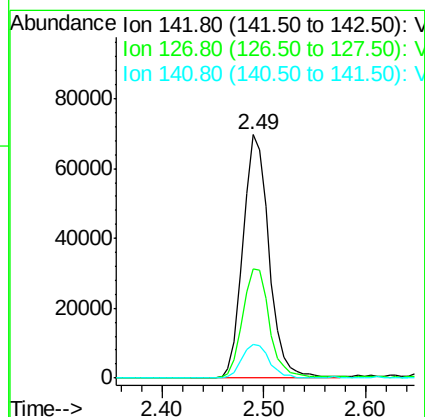
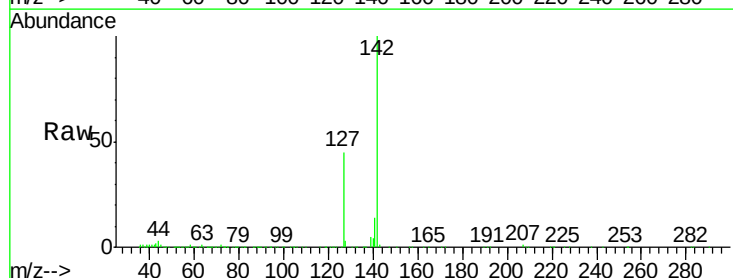
RT: 2.49 min Scan# 230

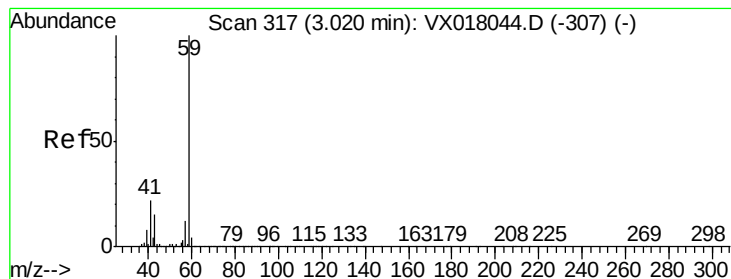
Delta R.T. 0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Tgt Ion:	142	Resp:	123861
Ion Ratio	Lower	Upper	
142	100		
127	46.3	37.0	55.6
141	14.7	11.5	17.3





#11

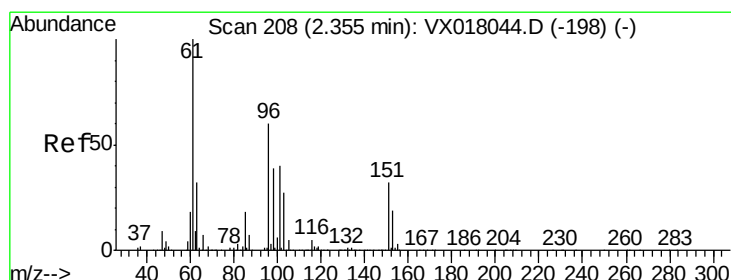
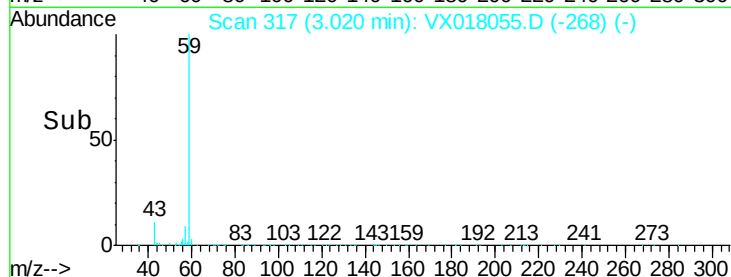
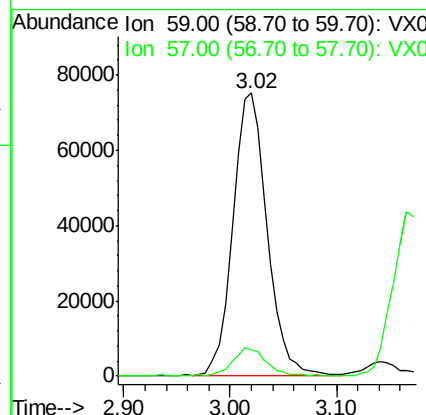
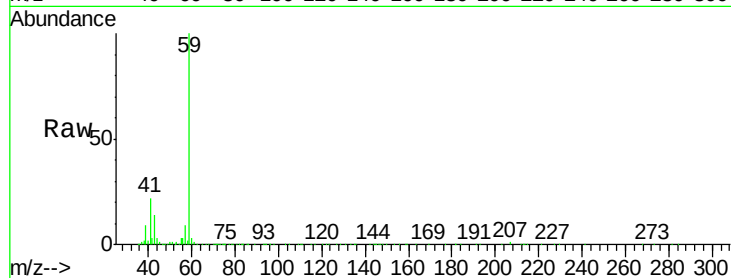
Tert butyl alcohol
Concen: 95.457 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.9	13.3

Manual Integrations
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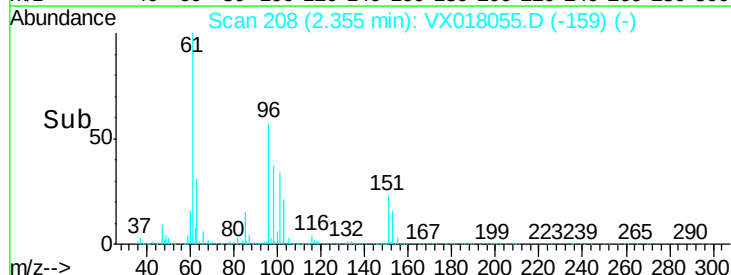
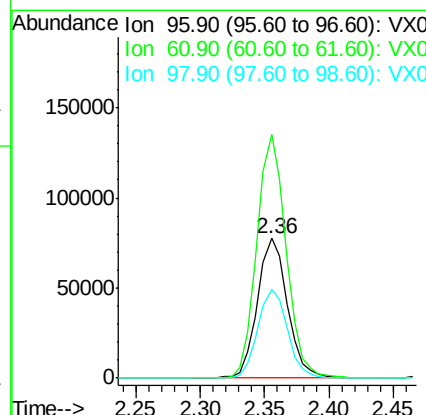
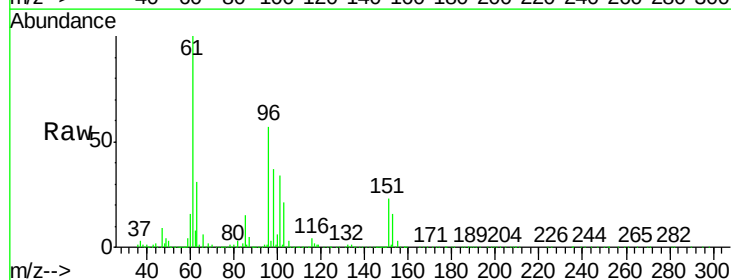
sam
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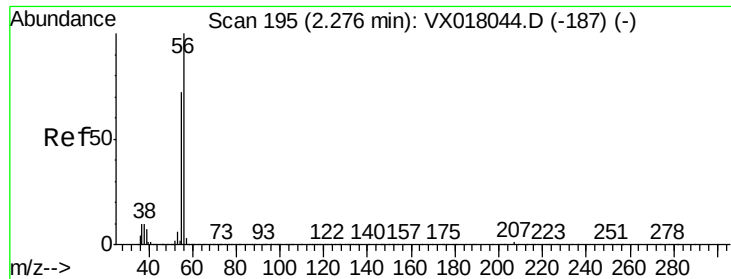


#12

1,1-Dichloroethene
Concen: 19.204 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.0	133.0	199.4
98	64.2	51.6	77.4





#13

Acrolein

Concen: 94.736 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 56 Resp: 69683

Ion Ratio Lower Upper

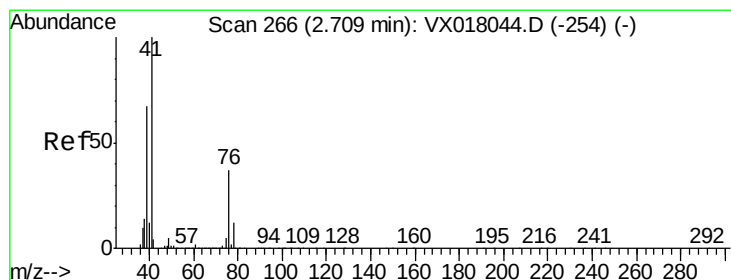
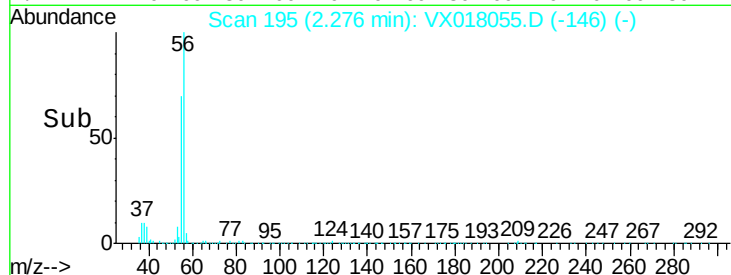
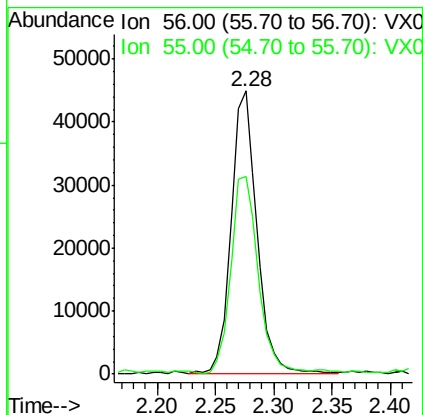
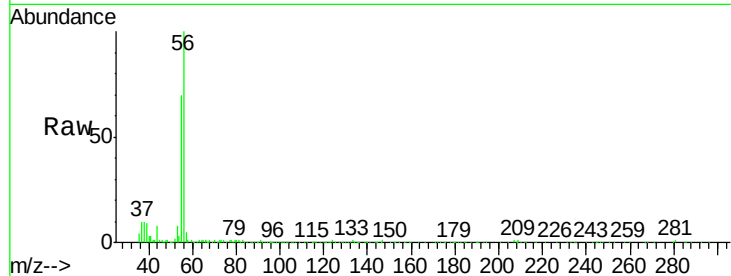
56 100

55 73.1 57.0 85.6

Manual Integrations
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#14

Allyl chloride

Concen: 21.659 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

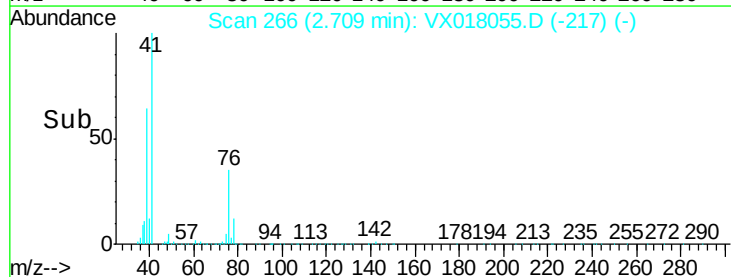
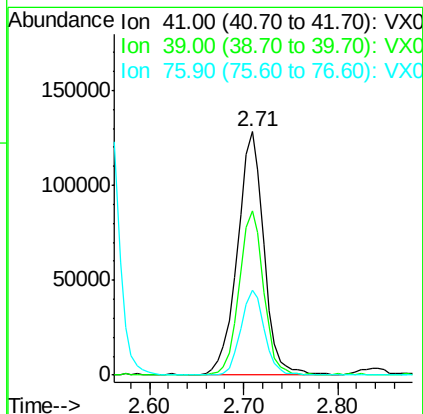
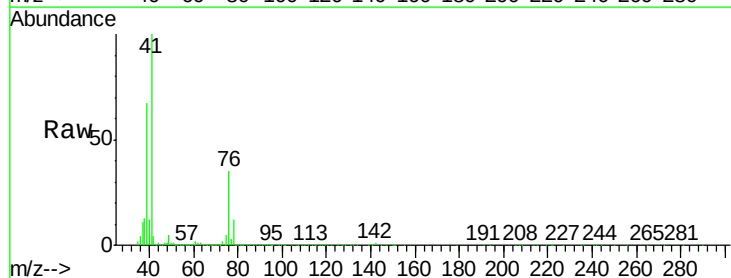
Tgt Ion: 41 Resp: 249910

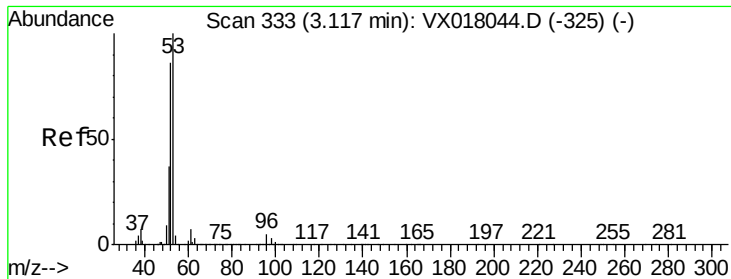
Ion Ratio Lower Upper

41 100

39 63.0 50.6 76.0

76 31.0 26.2 39.2





#15

Acrylonitrile

Concen: 103.393 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

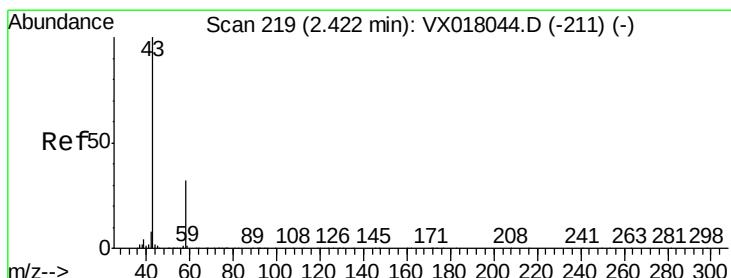
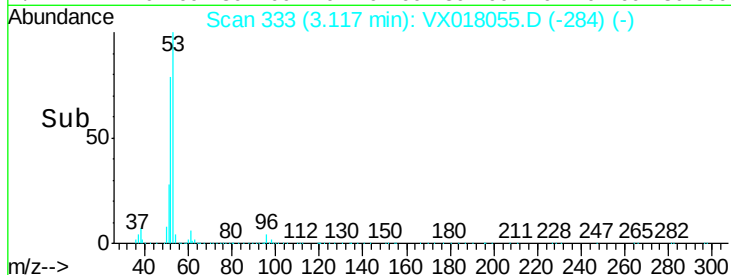
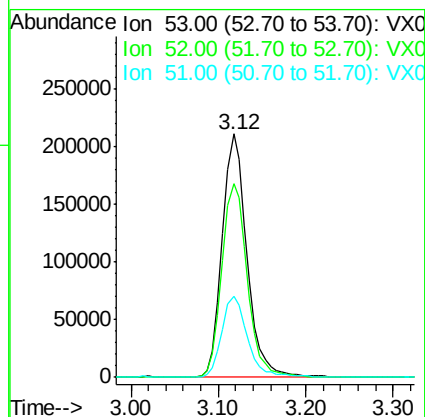
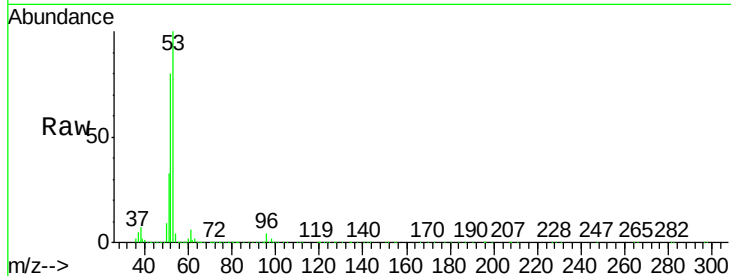
ClientSampleId :

VX0821WBSD02

Tot Ion:	53	Resp:	416047
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.9	100.3
51	34.6	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 113.913 ug/l

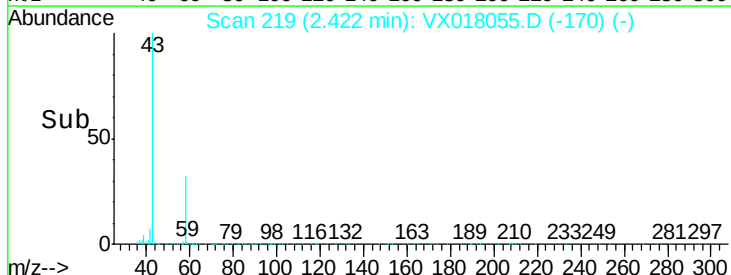
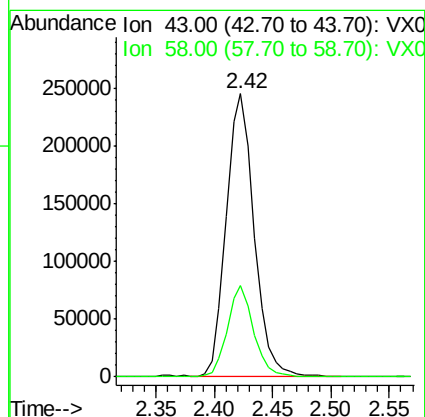
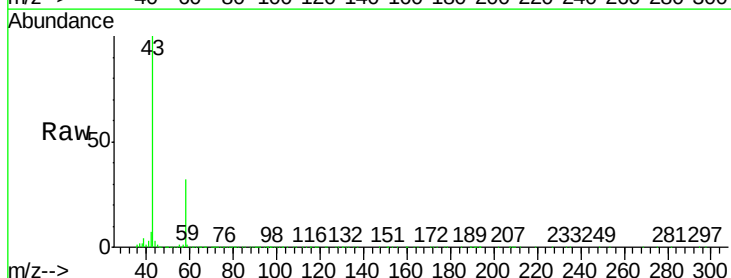
RT: 2.42 min Scan# 219

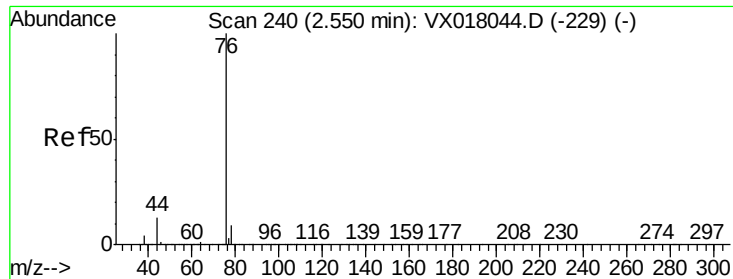
Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Tgt Ion:	43	Resp:	404967
Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.5	38.3





#17

Carbon Disulfide

Concen: 19.831 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 76 Resp: 385023

Ion Ratio Lower Upper

76 100

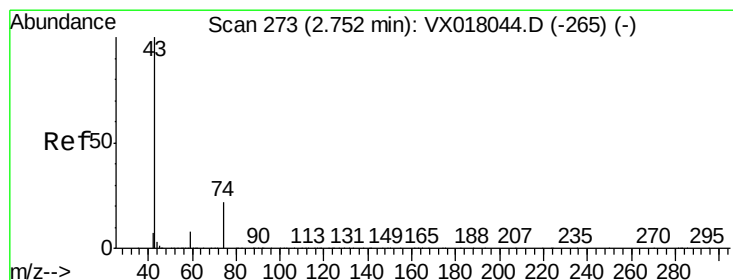
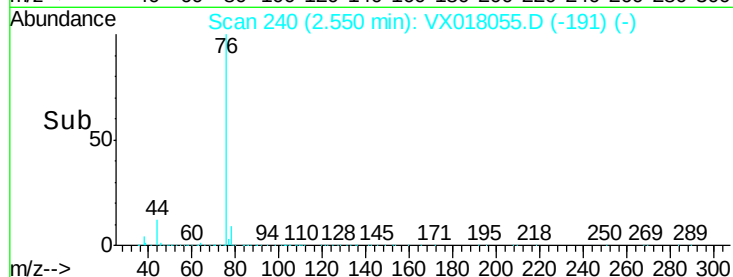
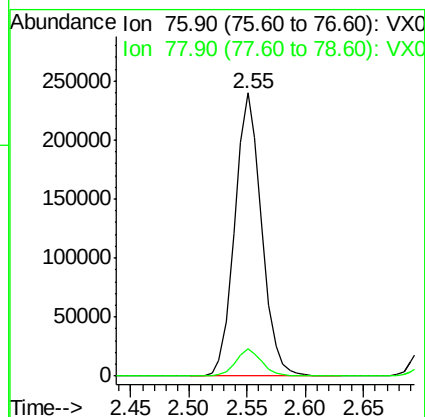
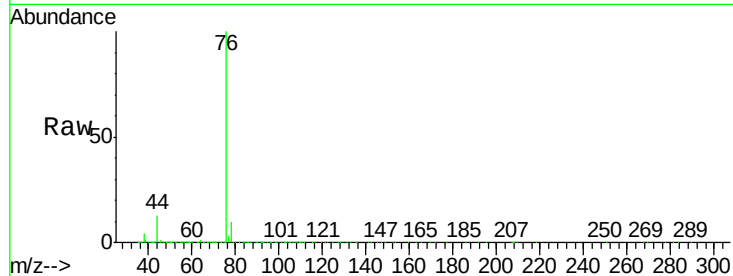
78 9.4 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 20.852 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018055.D

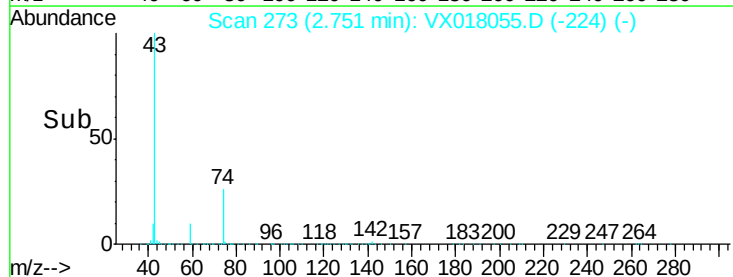
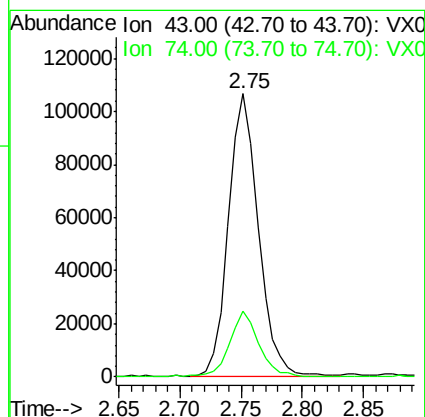
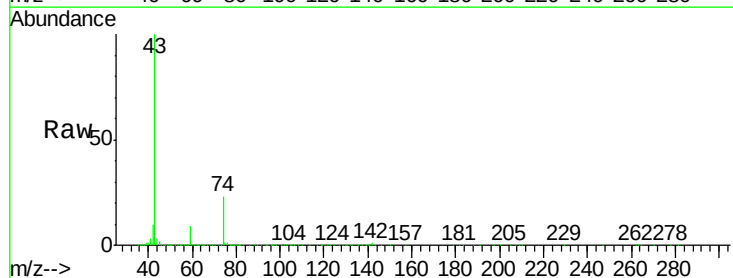
Acq: 21 Aug 2020 13:50

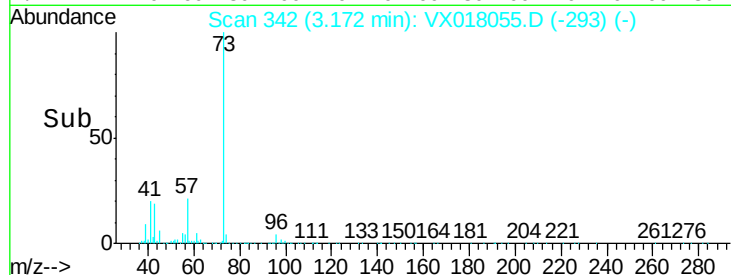
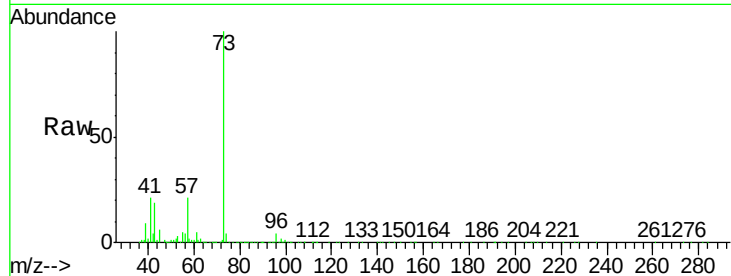
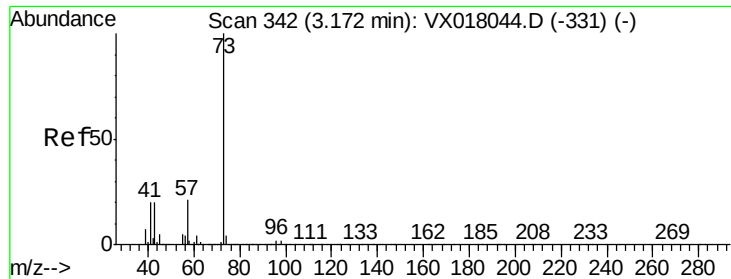
Tgt Ion: 43 Resp: 178884

Ion Ratio Lower Upper

43 100

74 23.4 18.2 27.4





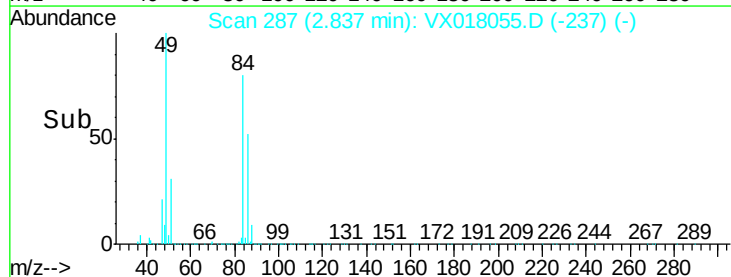
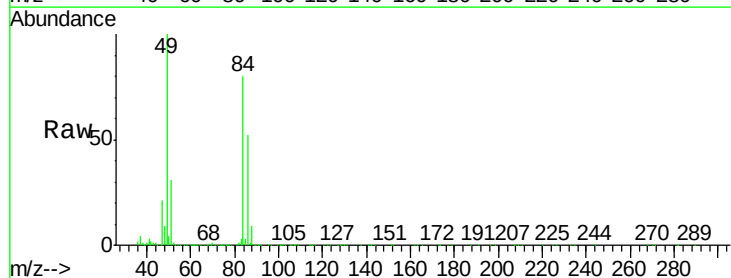
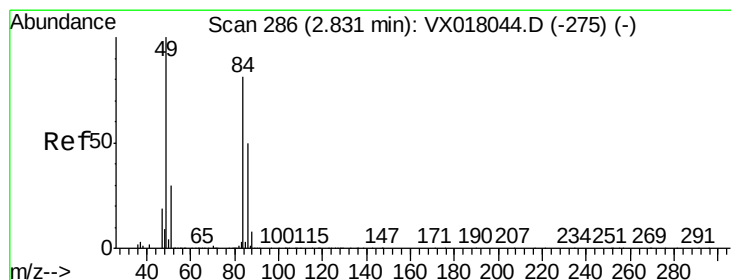
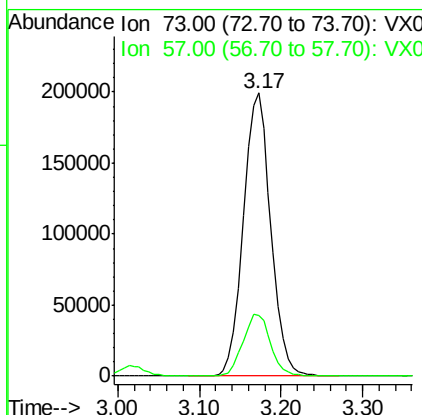
#19
Methyl tert-butyl Ether
Concen: 21.055 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tot Ion	73	57	Ratio	Lower	Upper
73	100				
57	21.2		16.8	25.2	

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

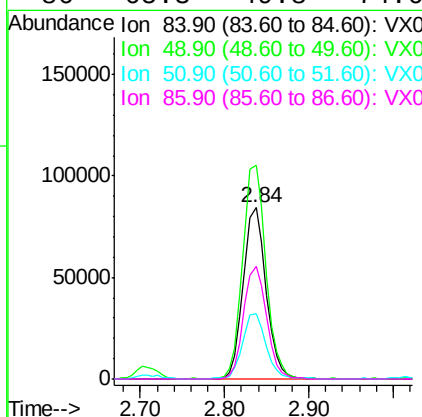
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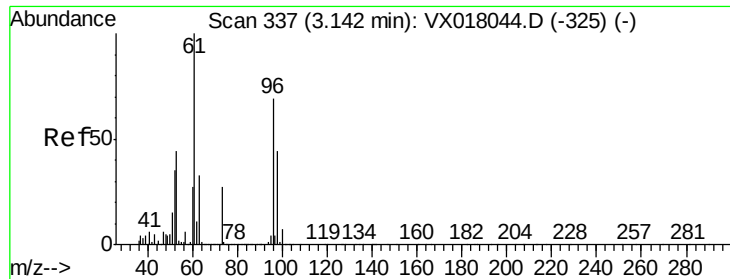
sam
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#20
Methylene Chloride
Concen: 20.450 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion	84	49	51	86	Resp	Lower	Upper
84	100				153668		
49	124.5				98.6	148.0	
51	38.4				29.6	44.4	
86	65.3				49.8	74.6	





#21

trans-1,2-Dichloroethene

Concen: 20.168 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

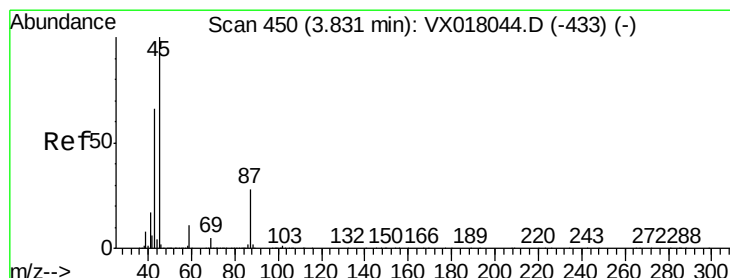
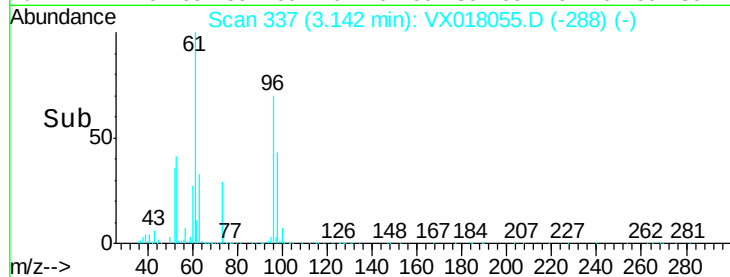
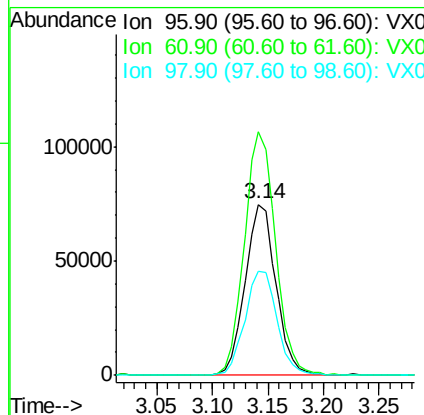
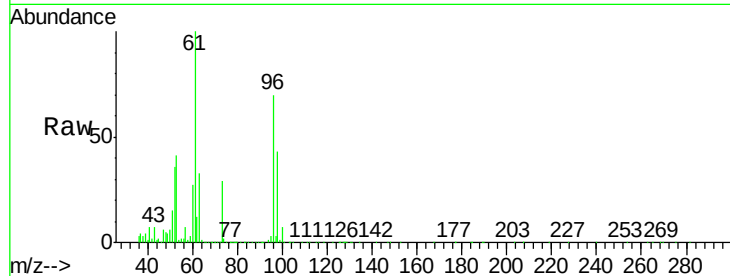
ClientSampleId :

VX0821WBSD02

Tot Ion:	96	Resp:	143501
Ion Ratio	Lower	Upper	
96	100		
61	142.6	115.4	173.0
98	60.5	51.1	76.7

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#22

Diisopropyl ether

Concen: 21.536 ug/l

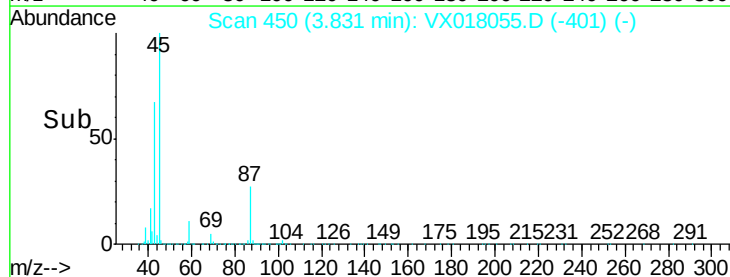
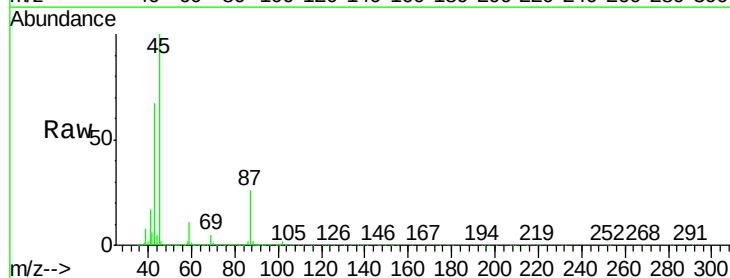
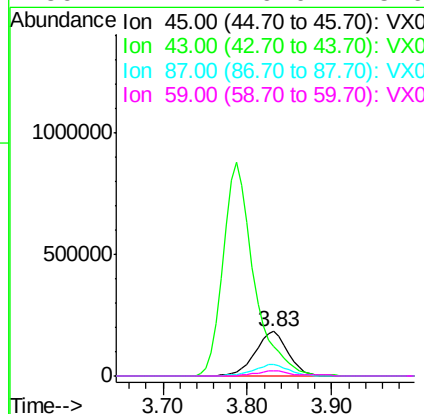
RT: 3.83 min Scan# 450

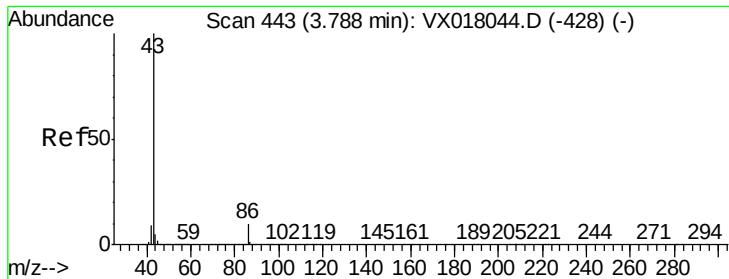
Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Tgt Ion:	45	Resp:	490462
Ion Ratio	Lower	Upper	
45	100		
43	66.9	52.8	79.2
87	26.5	22.5	33.7
59	11.2	9.0	13.6





#23

Vinyl Acetate

Concen: 108.872 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampled :

VX0821WBSD02

Tot Ion: 43 Resp: 2206212

Ion Ratio Lower Upper

43 100

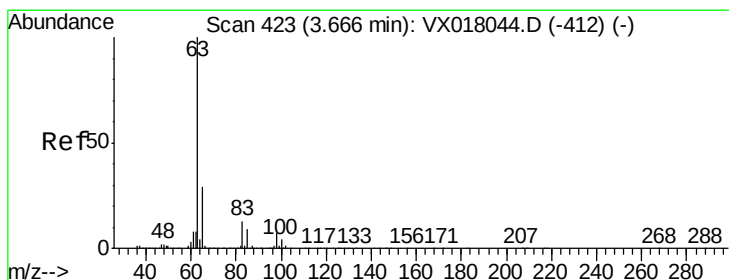
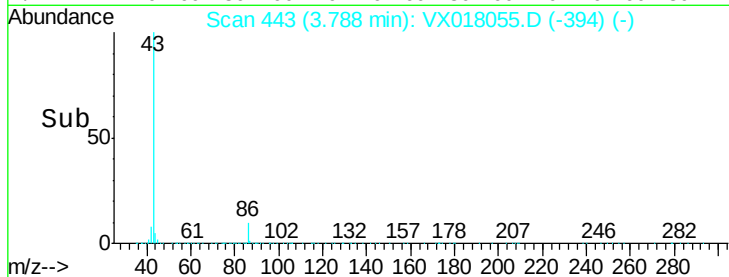
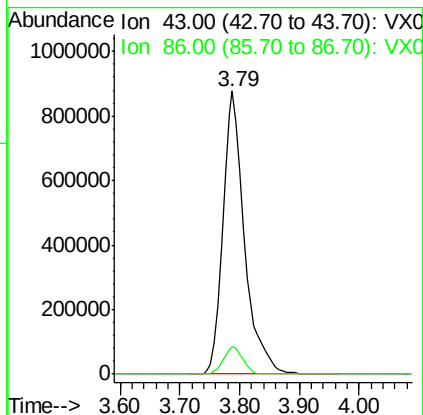
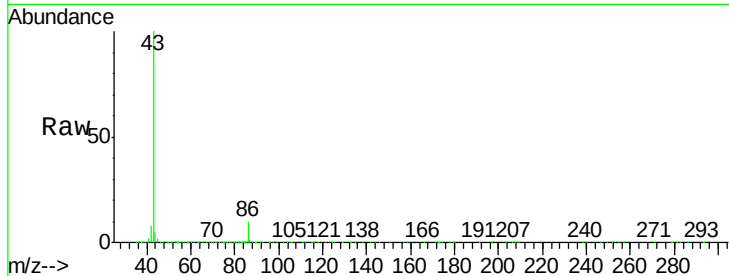
86 9.6 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.741 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

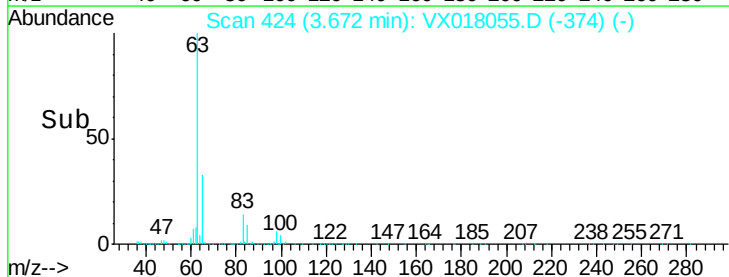
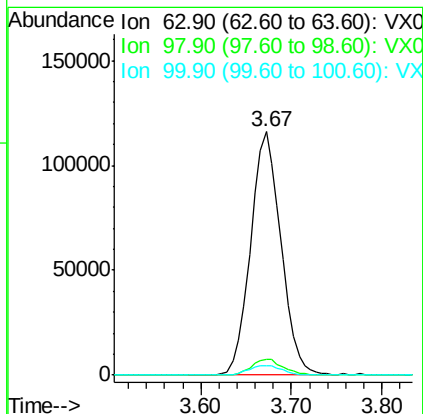
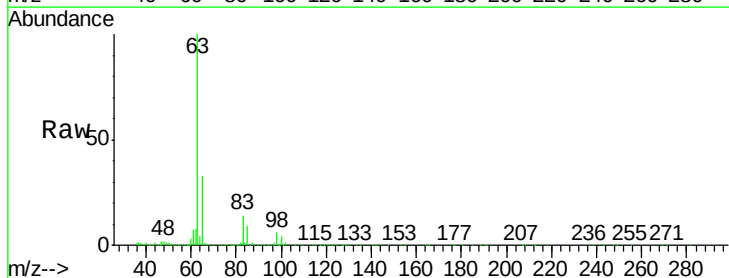
Tgt Ion: 63 Resp: 268886

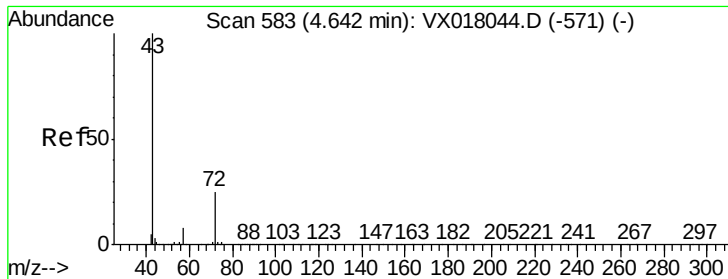
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 3.8 2.0 6.0





#25

2-Butanone

Concen: 106.370 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 43 Resp: 621477

Ion Ratio Lower Upper

43 100

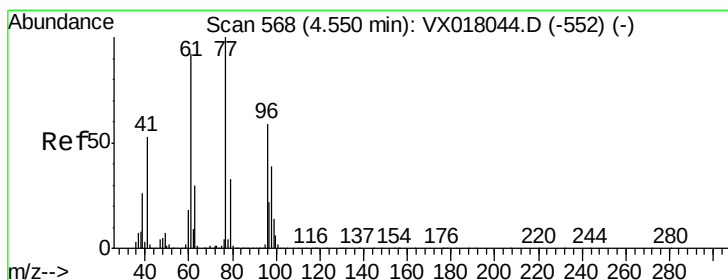
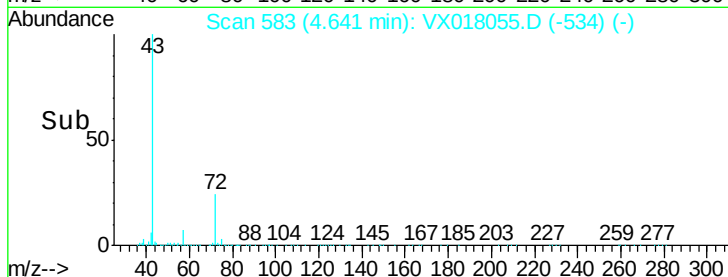
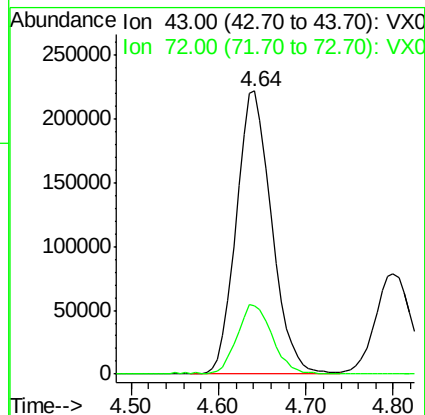
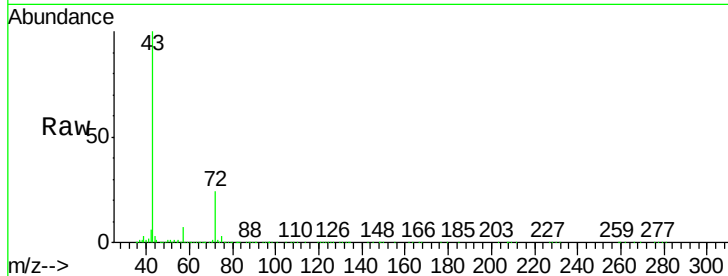
72 24.2 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 23.053 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018055.D

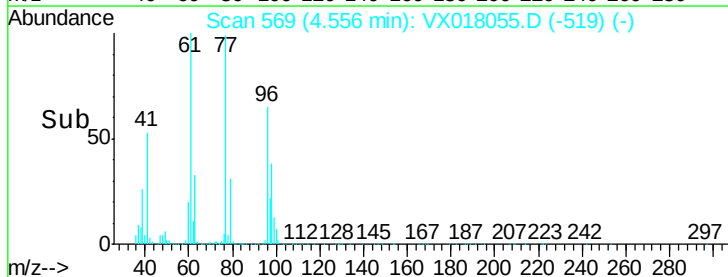
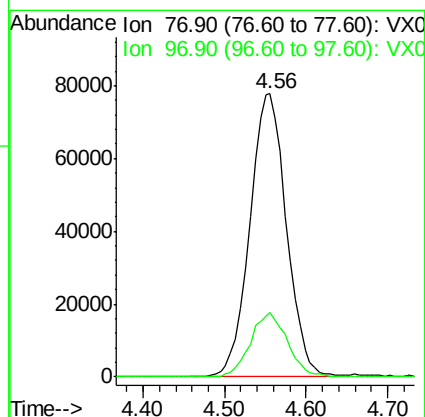
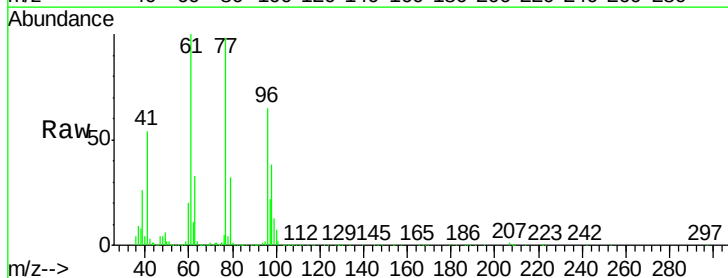
Acq: 21 Aug 2020 13:50

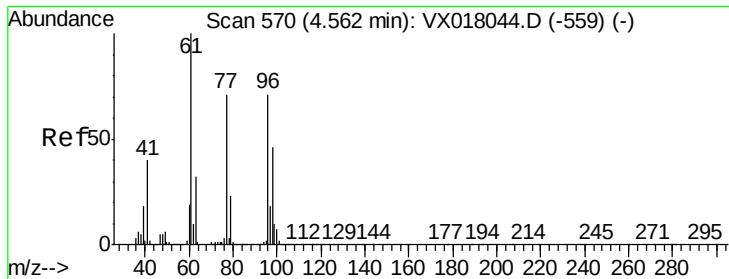
Tgt Ion: 77 Resp: 243158

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.5





#27

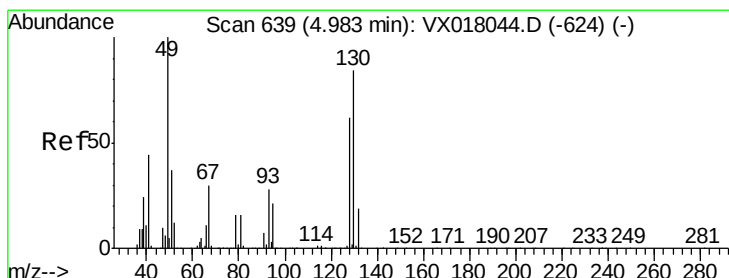
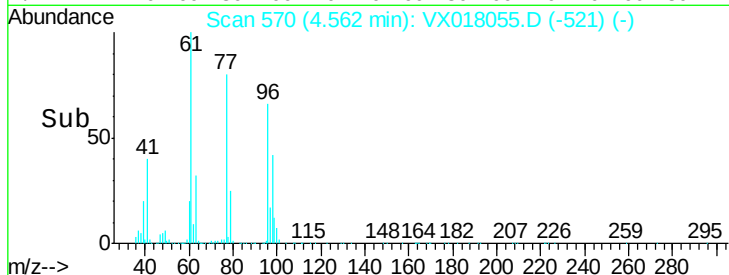
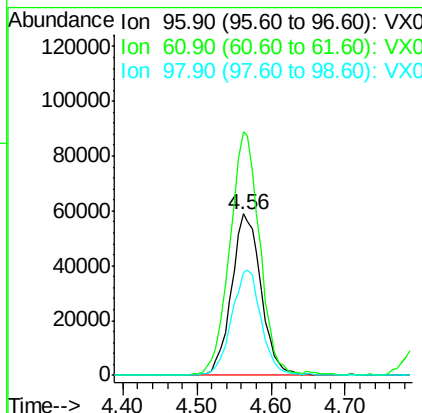
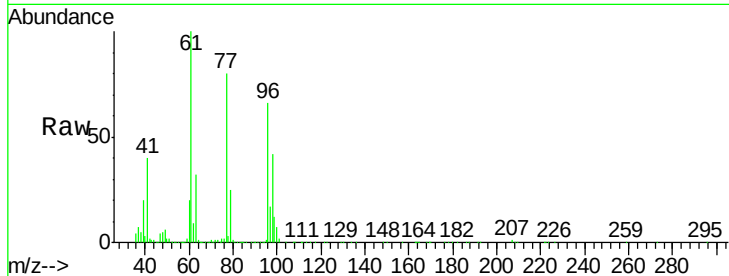
cis-1,2-Dichloroethene
Concen: 20.000 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	163962		
61	152.3	0.0	296.6	
98	64.6	0.0	130.2	

Manual Integrations
APPROVED

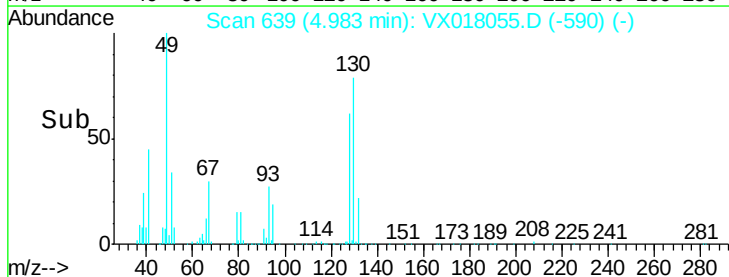
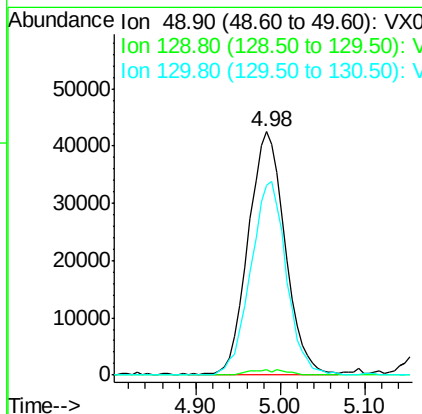
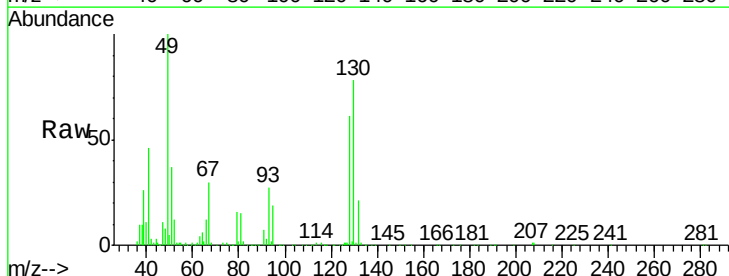
sam
8/24/2020 5:49:48 PM

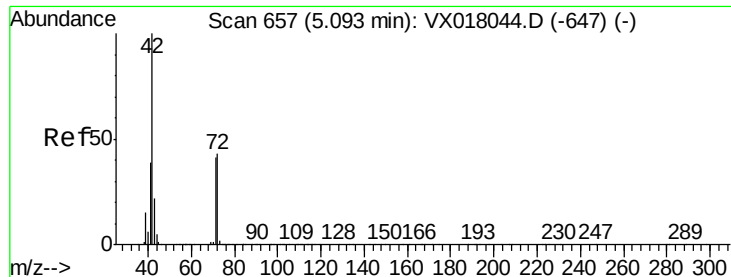


#28

Bromochloromethane
Concen: 20.211 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	126470		
129	1.5	0.0	4.6	
130	77.3	64.6	96.8	





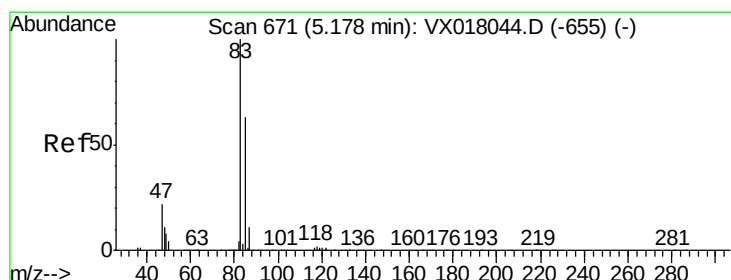
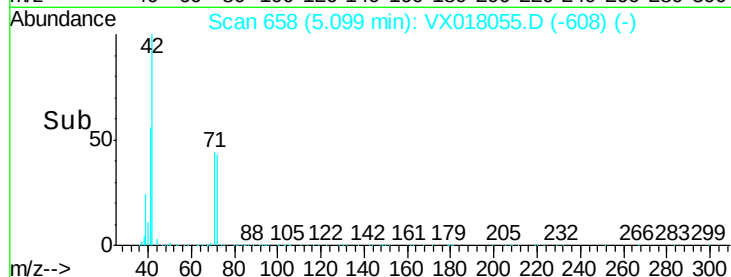
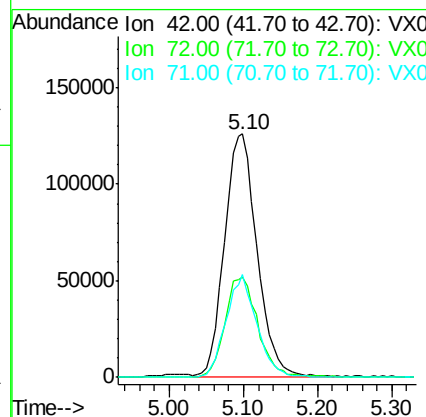
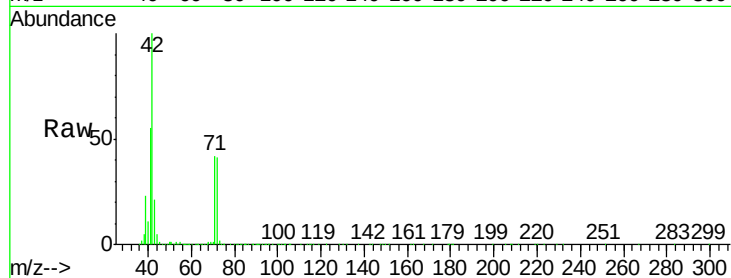
#29
Tetrahydrofuran
Concen: 102.613 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.2	51.4
71	40.2	32.1	48.1

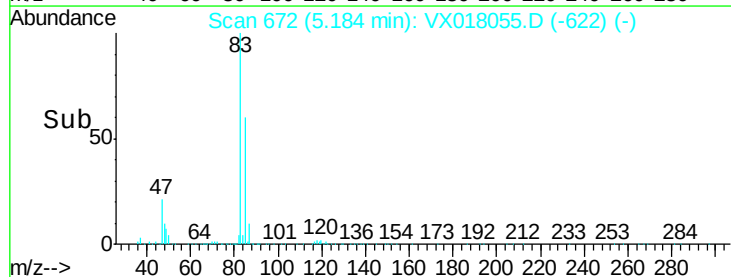
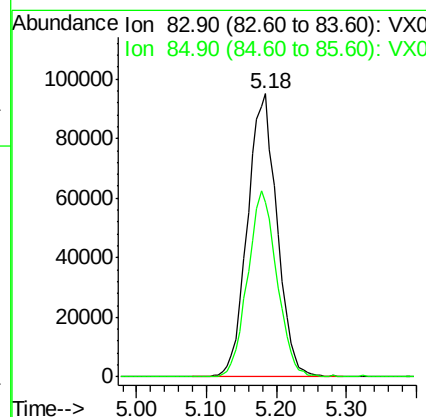
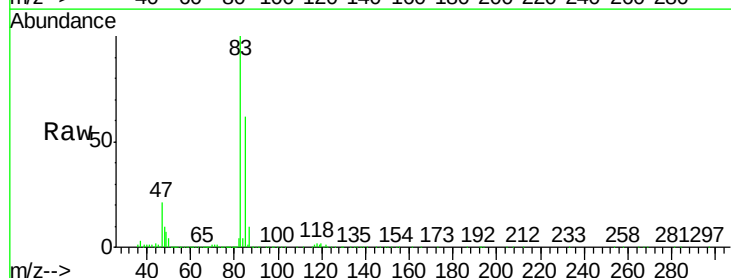
Manual Integrations
APPROVED

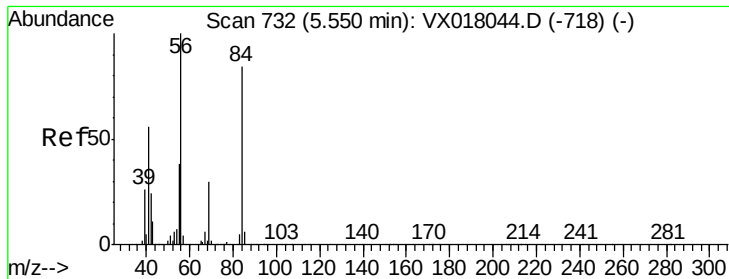
sam
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#30
Chloroform
Concen: 20.683 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.5	50.7	76.1





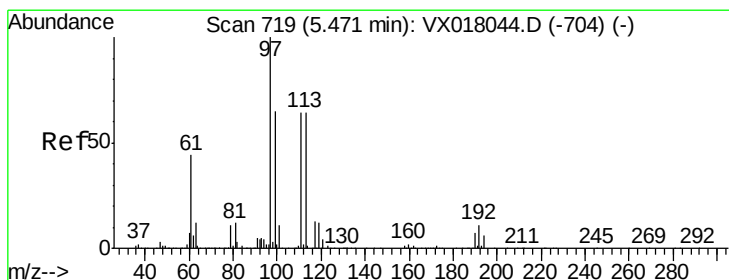
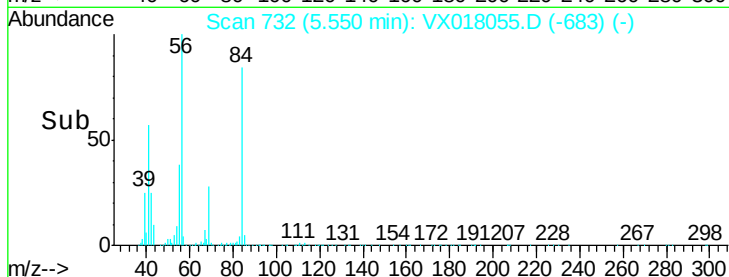
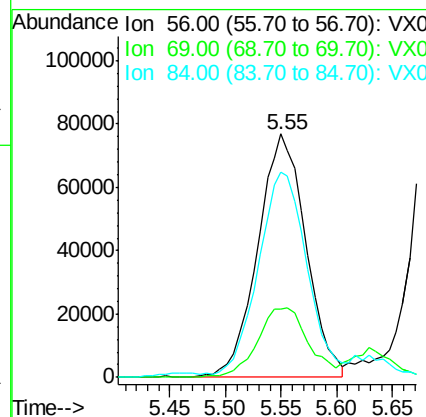
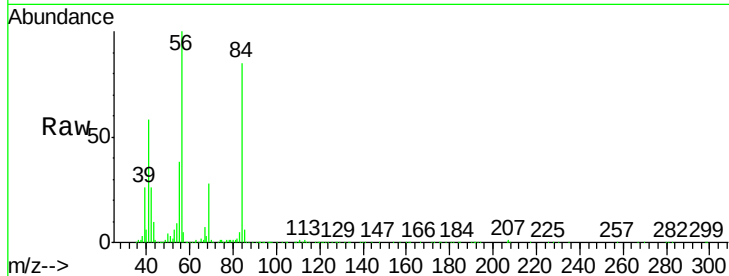
#31
Cyclohexane
Concen: 21.021 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.1	23.9	35.9
84	83.0	67.0	100.4

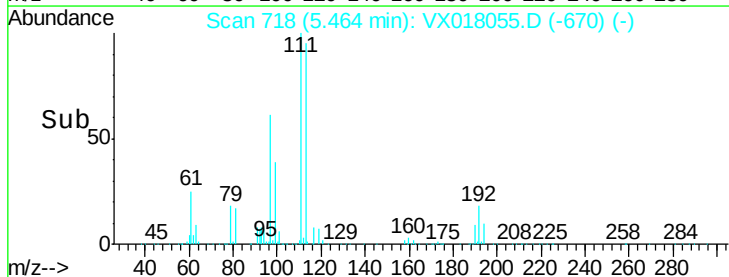
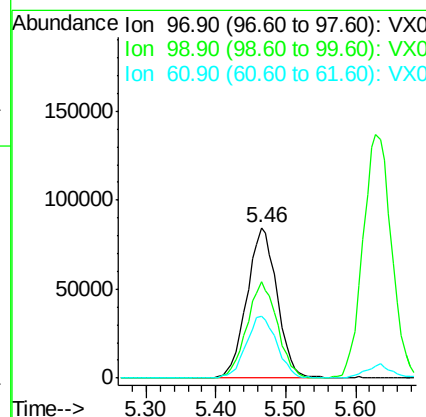
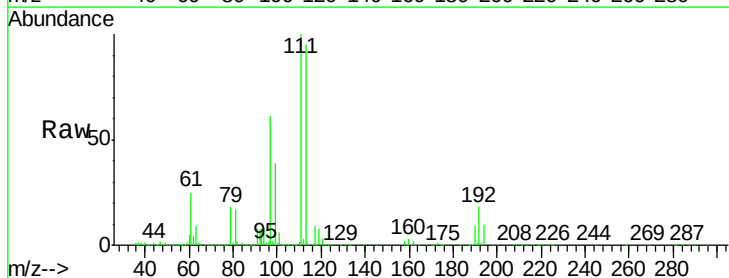
Manual Integrations
APPROVED

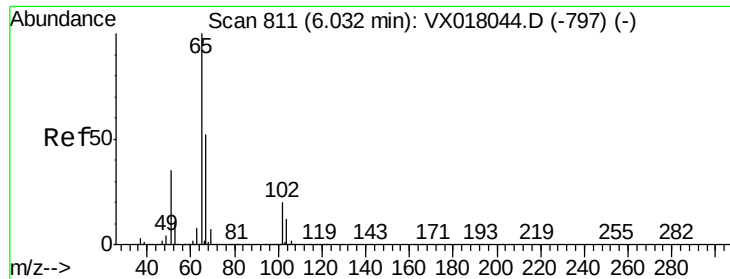
sam
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#32
1,1,1-Trichloroethane
Concen: 20.560 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	42.4	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 53.903 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 65 Resp: 491782

Ion Ratio Lower Upper

65 100

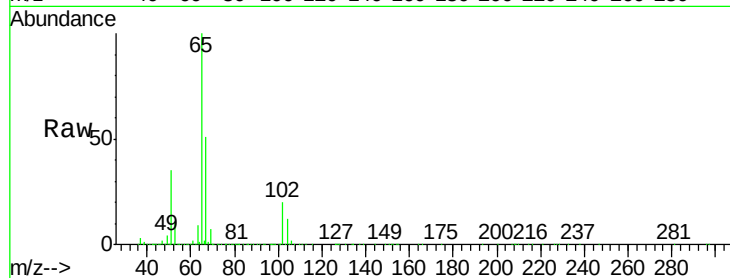
67 51.8 0.0 105.8

Manual Integrations

APPROVED

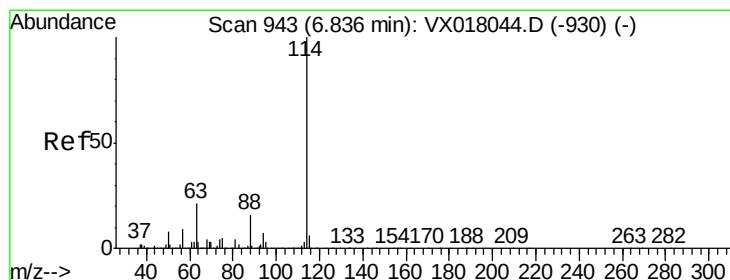
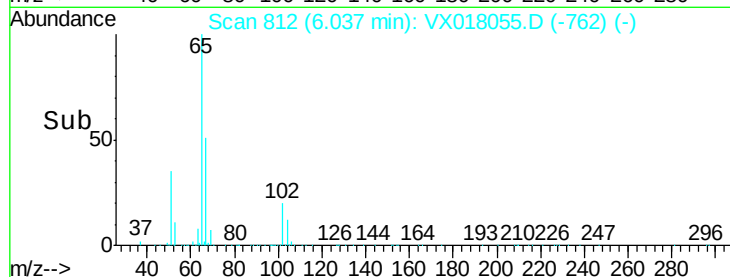
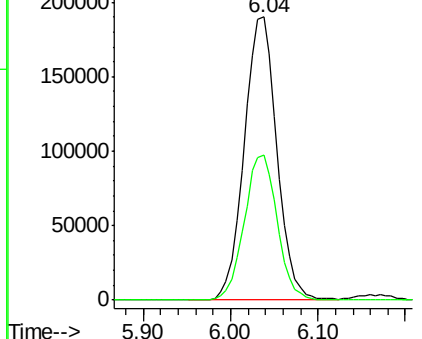
sam

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

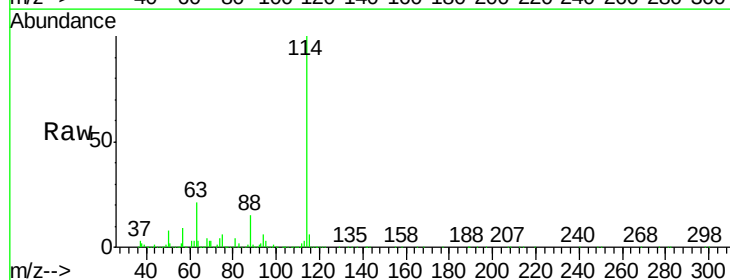
Tgt Ion: 114 Resp: 1067042

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

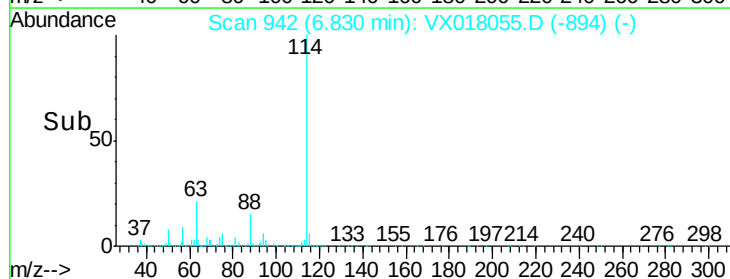
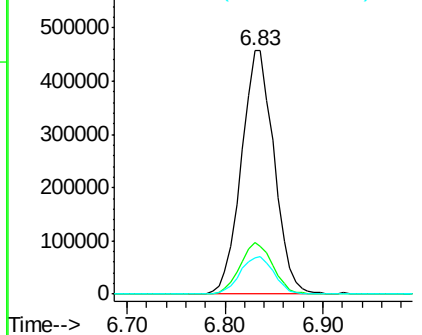
88 15.1 0.0 31.8

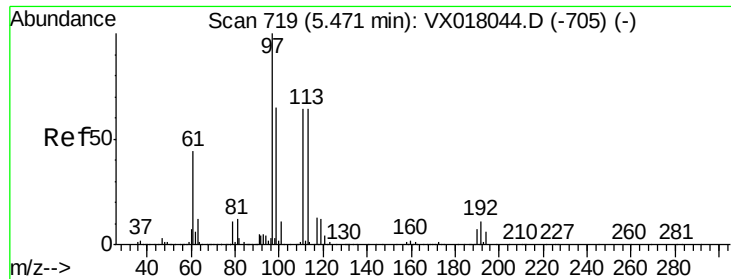


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.222 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

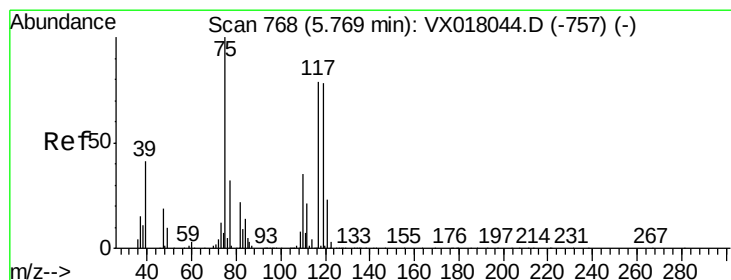
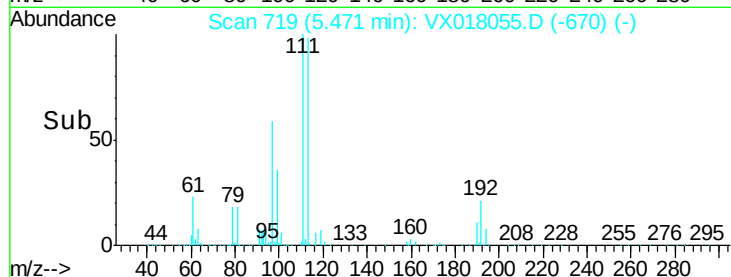
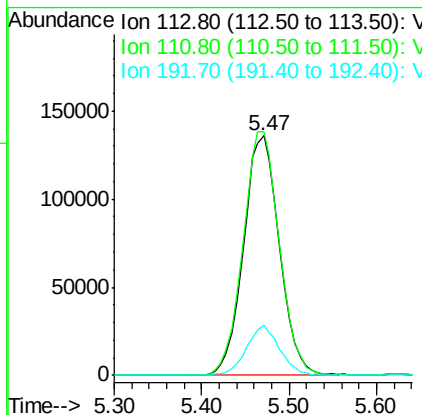
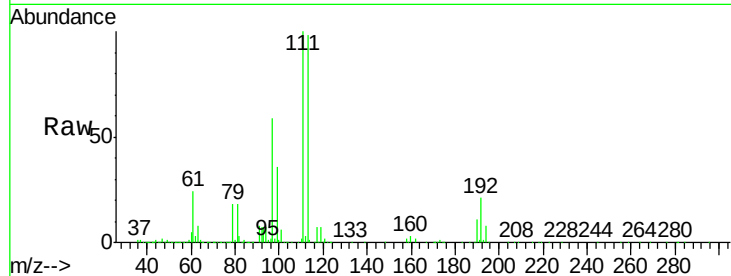
ClientSampleId :

VX0821WBSD02

Tot Ion:	113	Resp:	386768
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.6	122.4
192	19.5	15.8	23.8

Manual Integrations
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sam
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#36

1,1-Dichloropropene

Concen: 20.562 ug/l

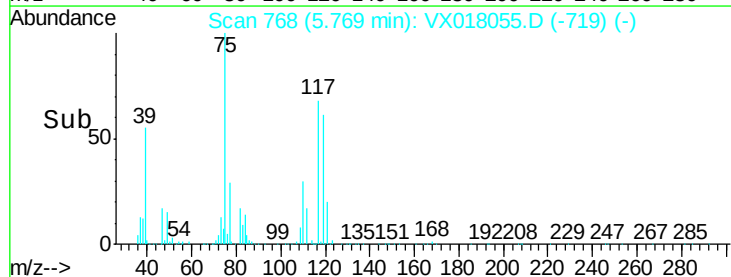
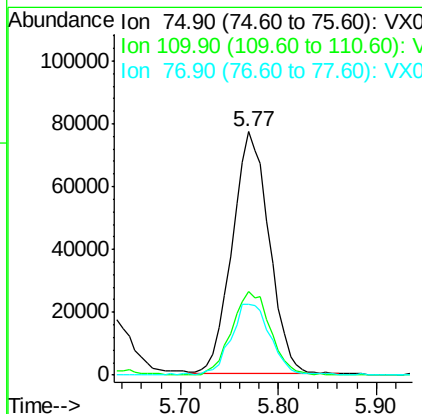
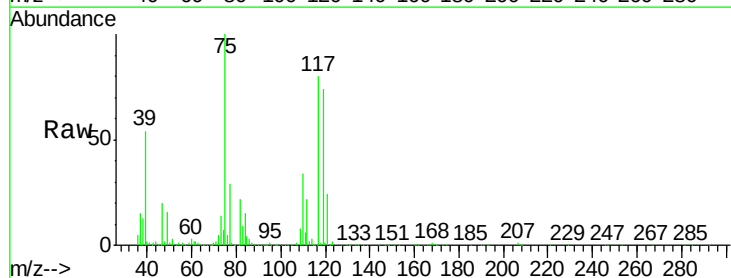
RT: 5.77 min Scan# 768

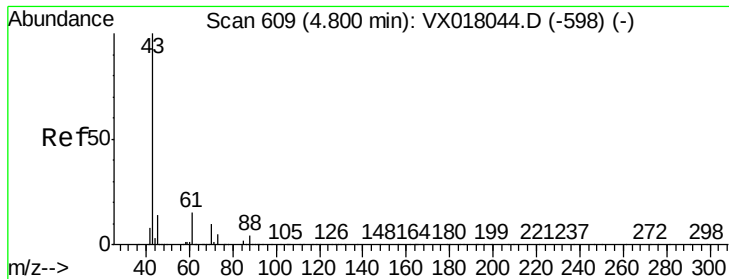
Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Tgt Ion:	75	Resp:	202367
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.0	54.0
77	31.5	24.4	36.6





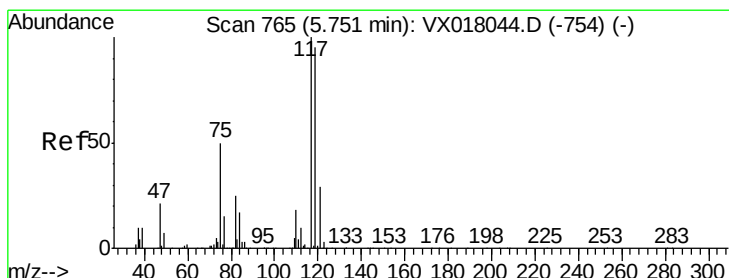
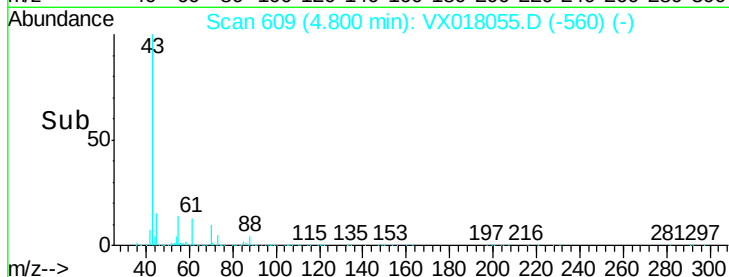
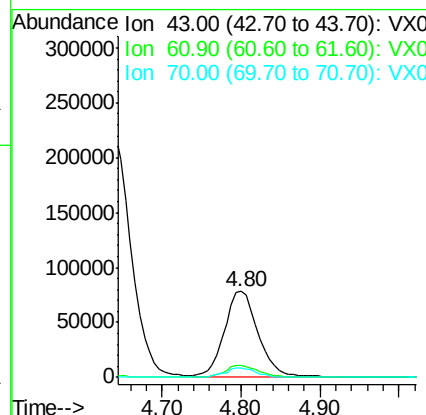
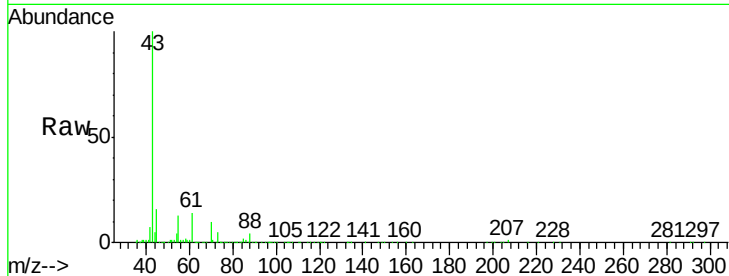
#37
Ethyl Acetate
Concen: 20.160 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion:	43	Resp:	230449
Ion Ratio	Lower	Upper	
43	100		
61	13.6	11.3	16.9
70	10.6	8.2	12.4

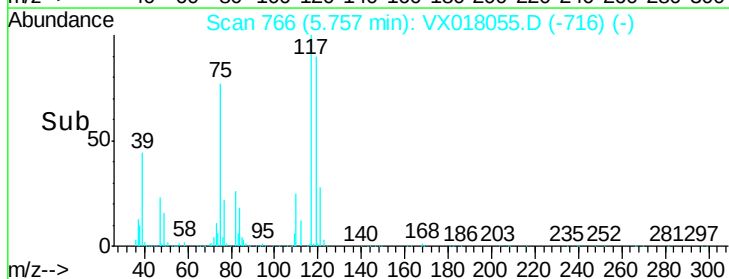
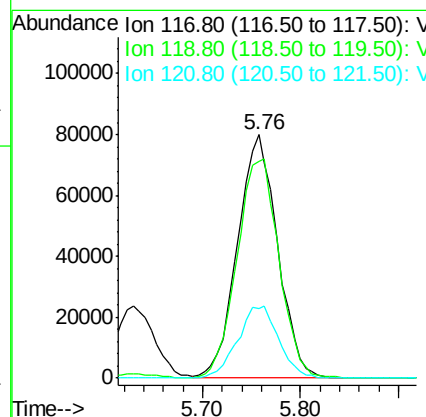
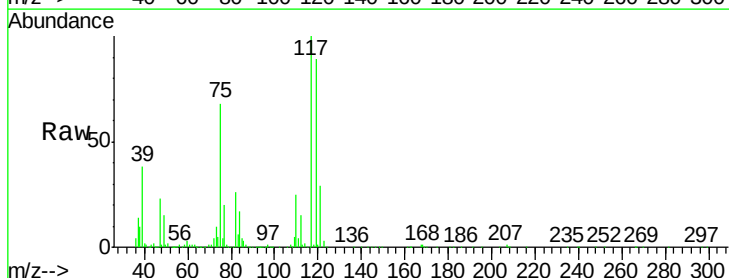
Manual Integrations
APPROVED

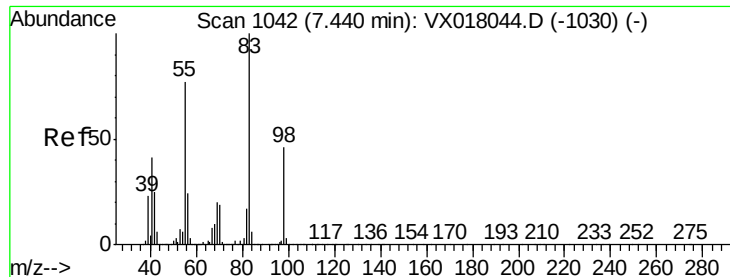
sam
8/24/2020 5:49:48 PM



#38
Carbon Tetrachloride
Concen: 20.439 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion:	117	Resp:	226697
Ion Ratio	Lower	Upper	
117	100		
119	88.7	75.8	113.6
121	28.6	23.4	35.0





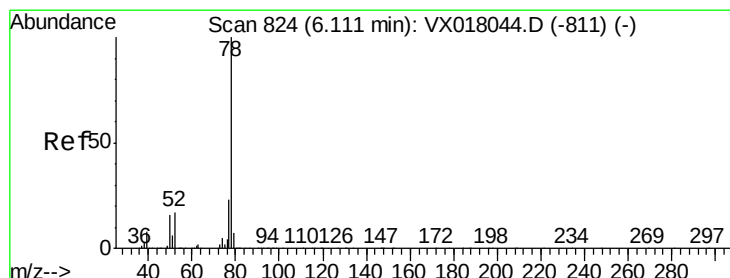
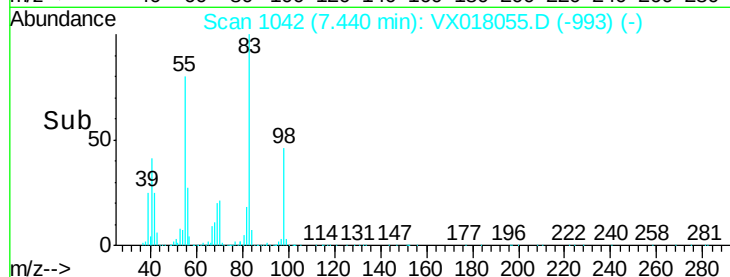
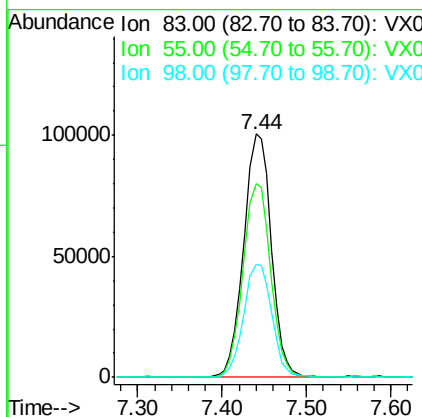
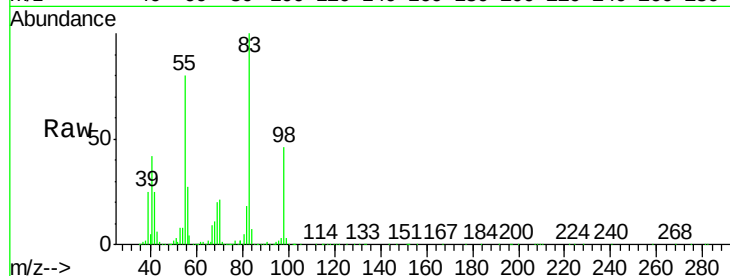
#39
Methylvlcyclohexane
Concen: 20.597 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	83	Resp	221657
Ion Ratio	Lower	Upper	
83	100		
55	79.8	61.8	92.6
98	46.3	36.6	55.0

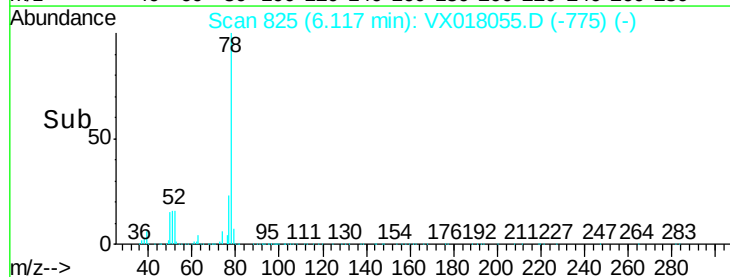
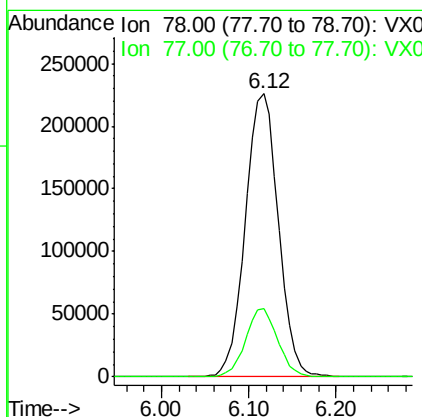
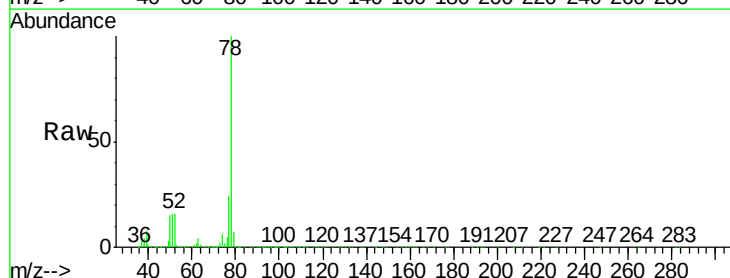
Manual Integrations
APPROVED

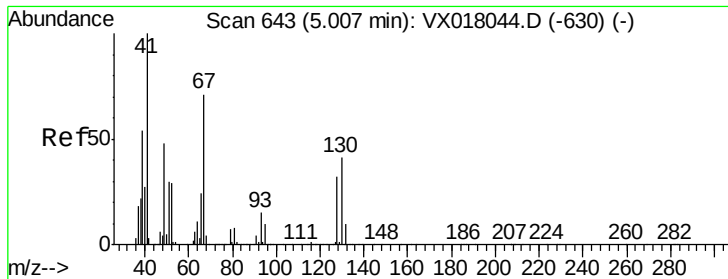
sam
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#40
Benzene
Concen: 20.516 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion	78	Resp	593301
Ion Ratio	Lower	Upper	
78	100		
77	24.0	18.2	27.2





#41

Methacrylonitrile

Concen: 19.906 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

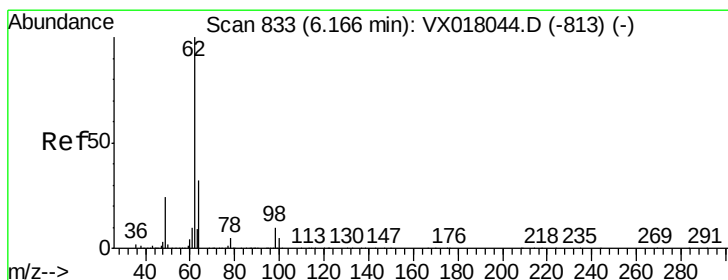
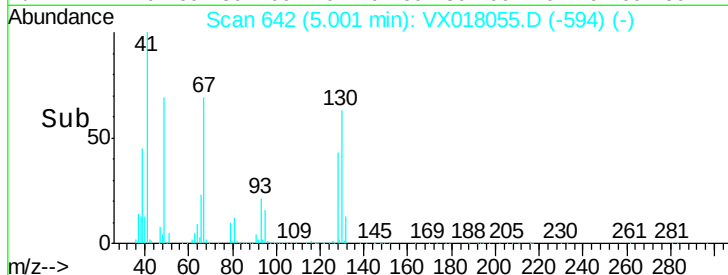
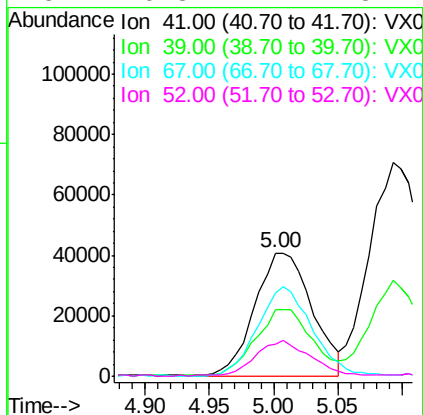
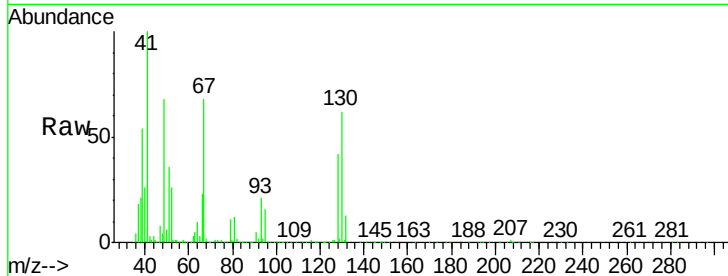
ClientSampleId :

VX0821WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.4	43.1	64.7	
67	69.9	56.0	84.0	
52	26.8	22.7	34.1	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.632 ug/l

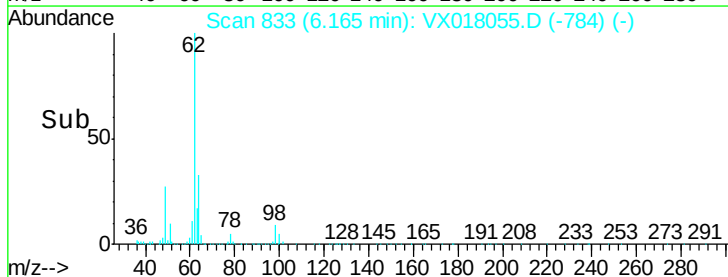
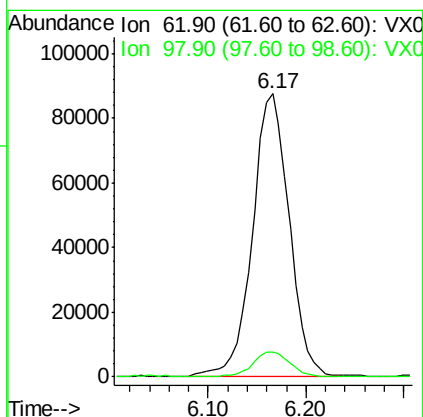
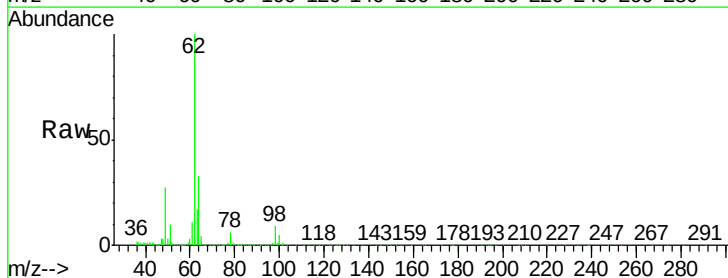
RT: 6.17 min Scan# 833

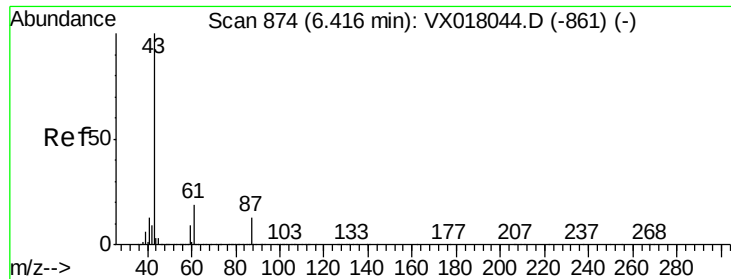
Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	18.2	





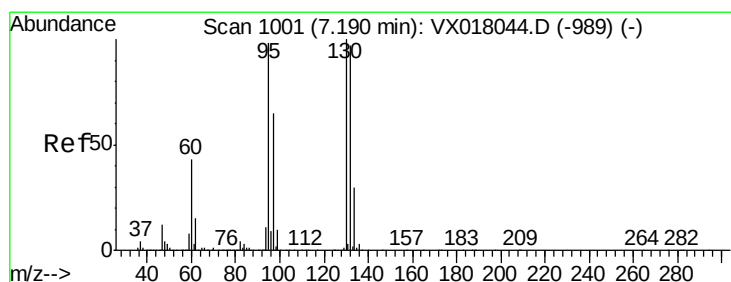
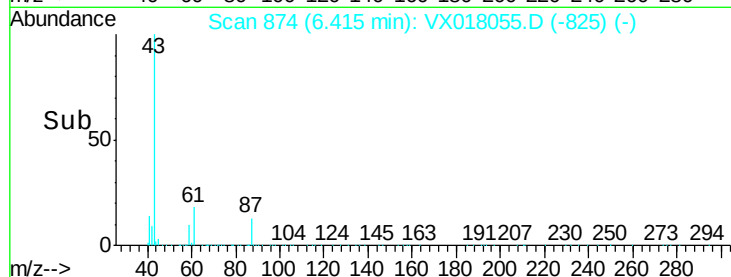
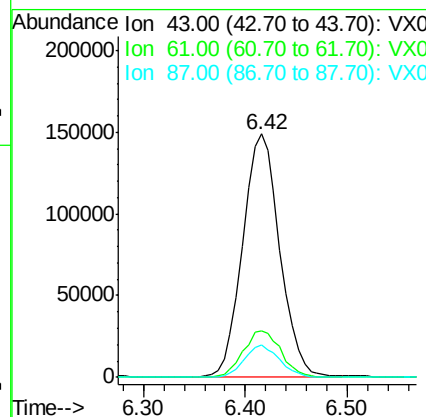
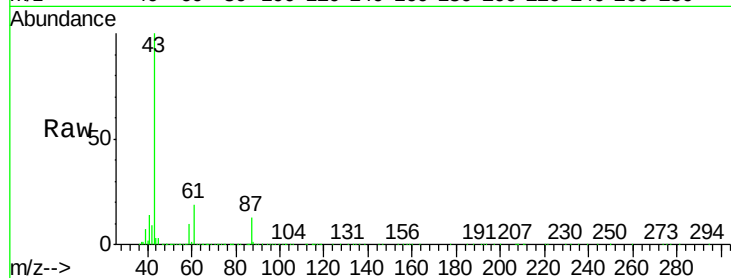
#43
Isopropyl Acetate
Concen: 20.282 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.7	23.5
87	12.8	10.3	15.5

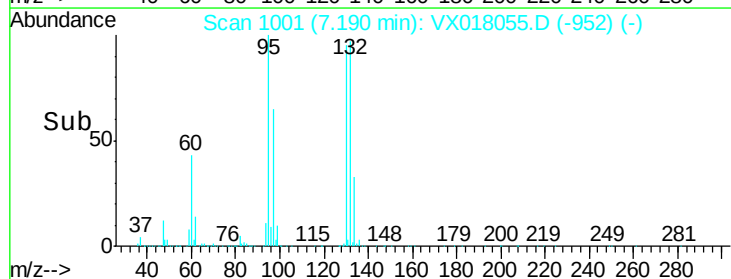
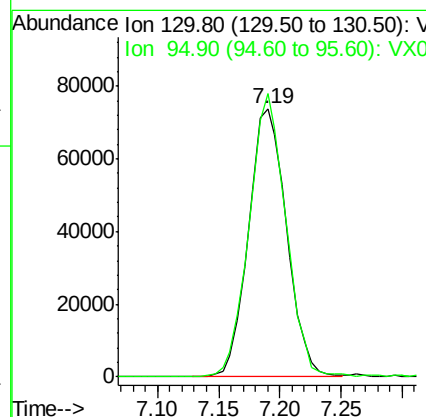
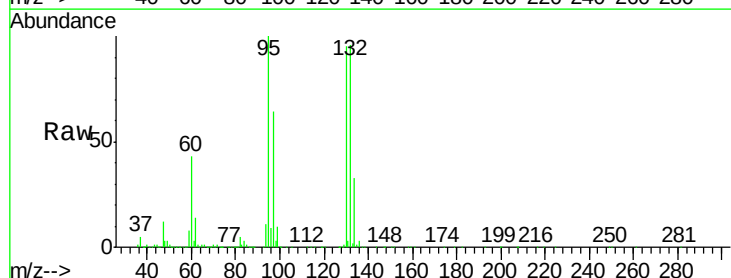
Manual Integrations
APPROVED

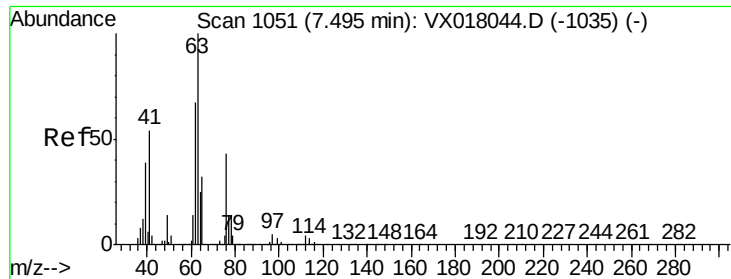
sam
8/24/2020 5:49:48 PM



#44
Trichloroethene
Concen: 19.589 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.3	0.0	196.4





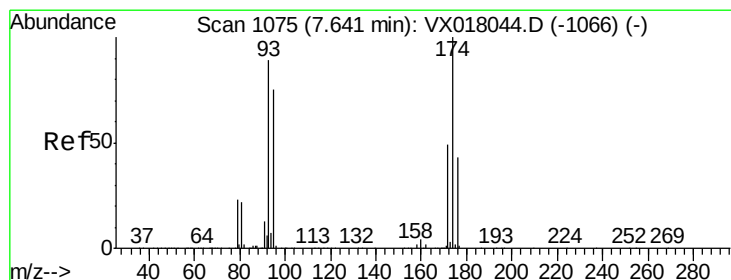
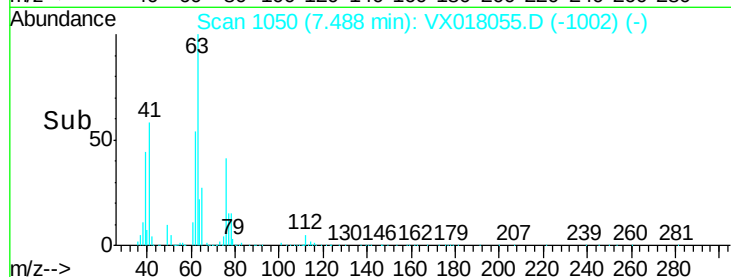
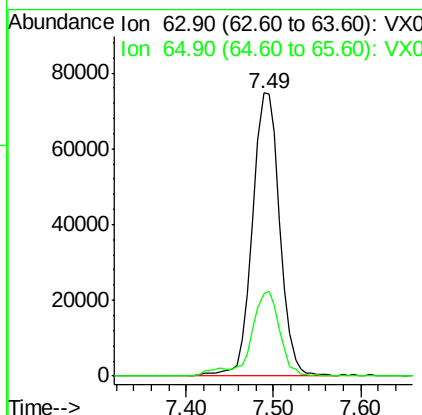
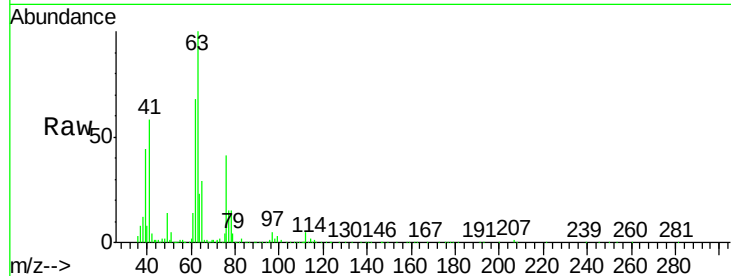
#45
 1,2-Dichloropropane
 Concen: 20.629 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.7	25.7	38.5

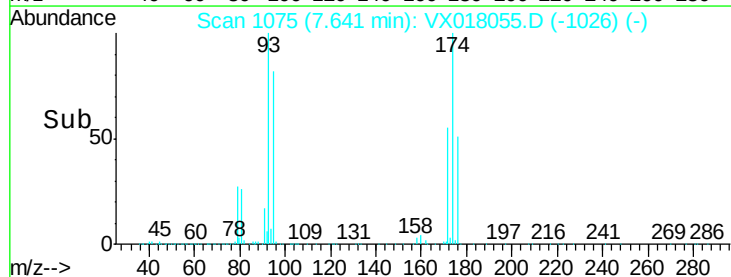
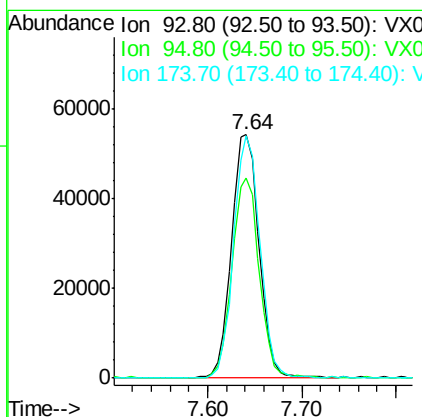
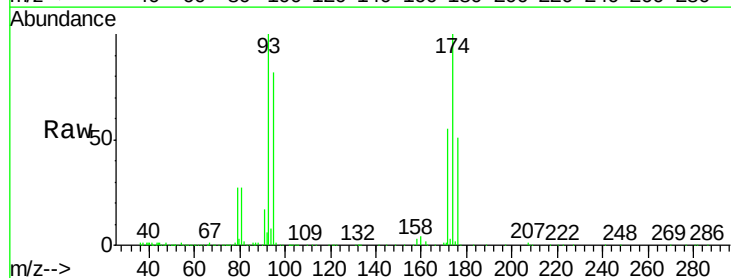
Manual Integrations
 APPROVED

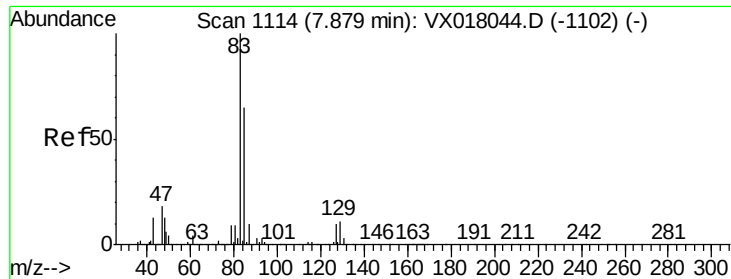
sam
 8/24/2020 5:49:48 PM



#46
 Dibromomethane
 Concen: 20.197 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.1	67.3	100.9
174	95.1	82.2	123.2





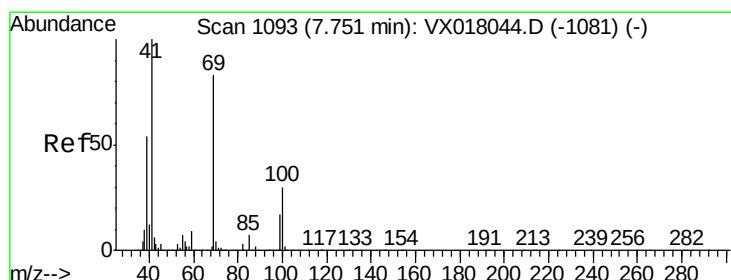
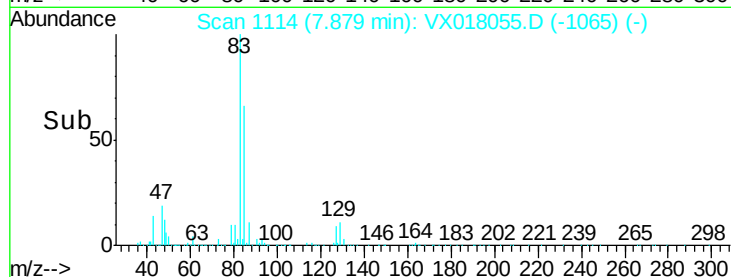
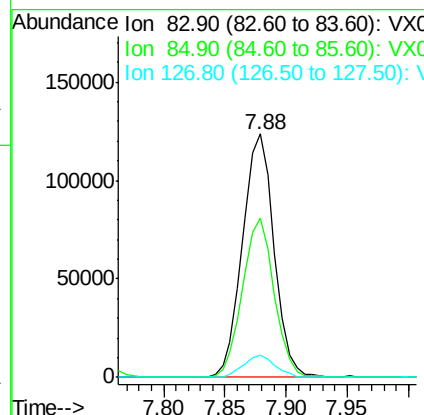
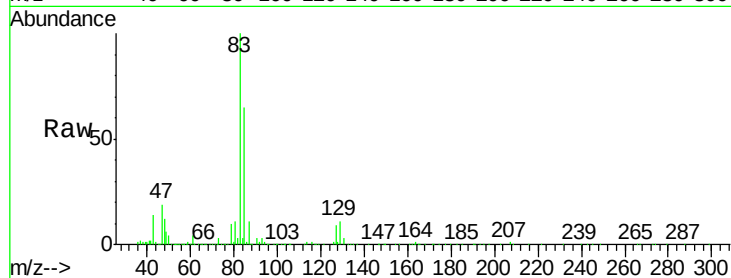
#47
Bromodichloromethane
Concen: 20.189 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	220949		
85	65.5	51.8	77.6	
127	9.2	7.7	11.5	

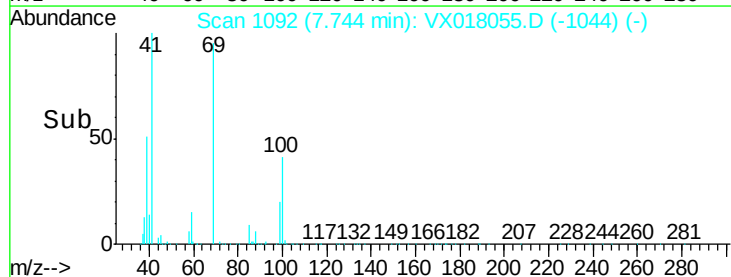
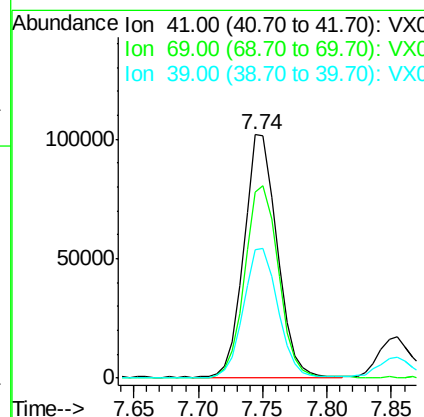
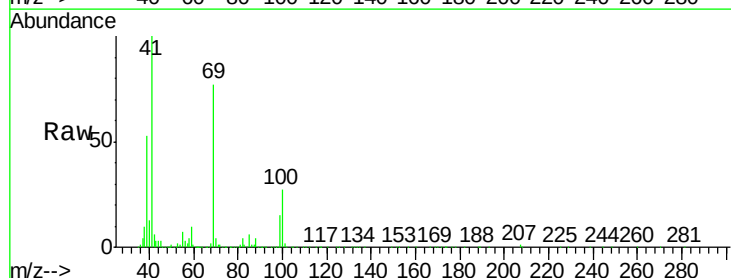
Manual Integrations
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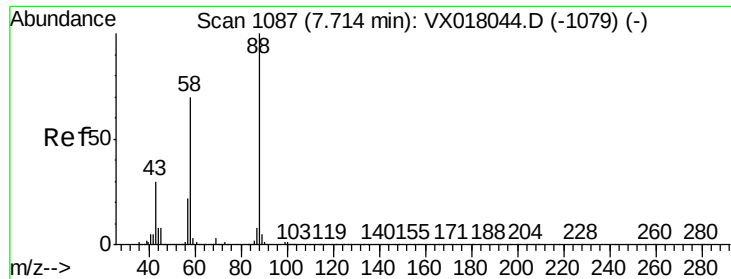
sam
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#48
Methyl methacrylate
Concen: 19.624 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	180365		
69	81.1	65.5	98.3	
39	55.5	44.5	66.7	





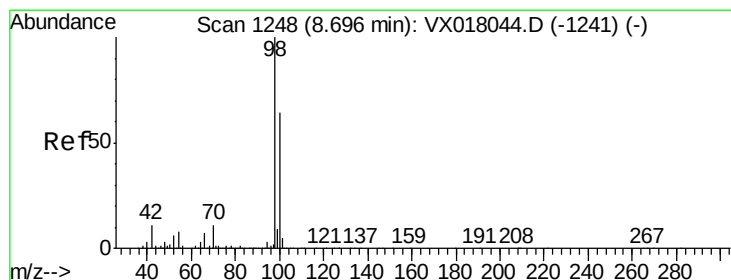
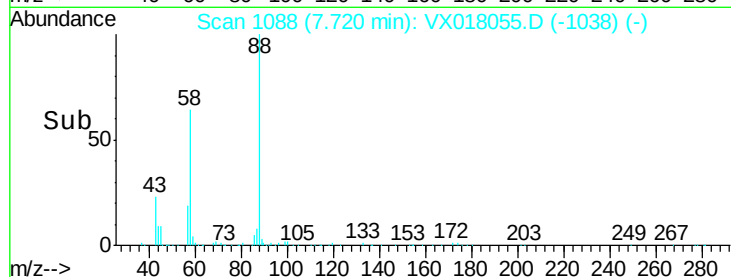
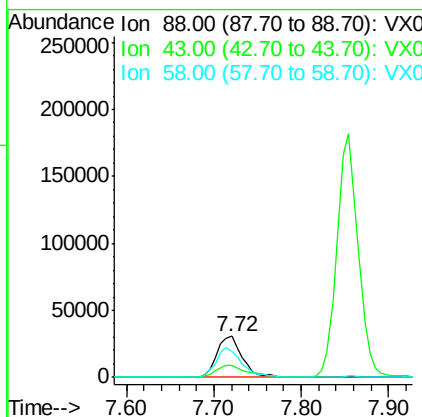
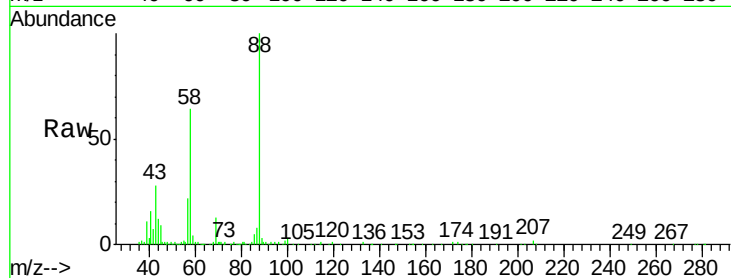
#49
1,4-Dioxane
Concen: 375.596 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	27.4	41.0
58	74.5	56.4	84.6

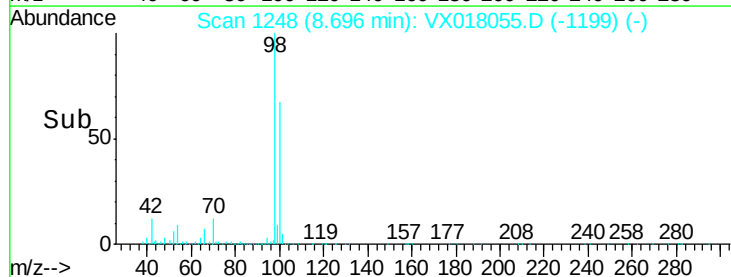
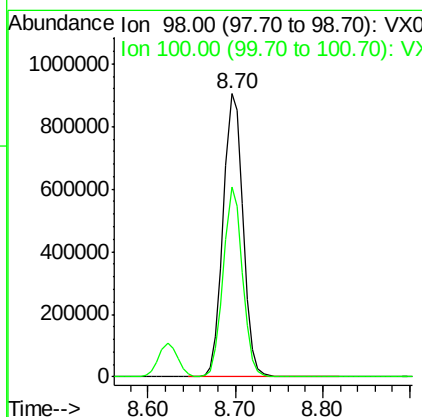
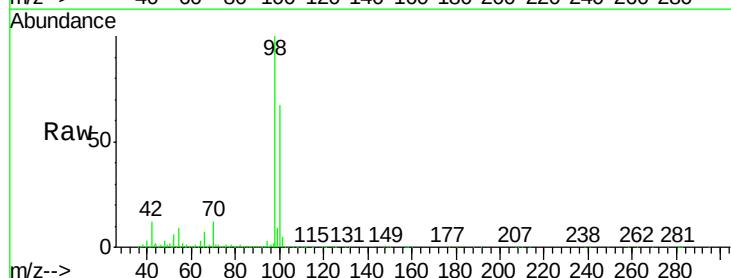
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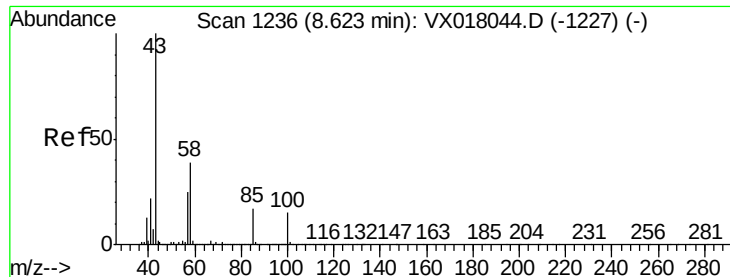
sam
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#50
Toluene-d8
Concen: 52.506 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.4





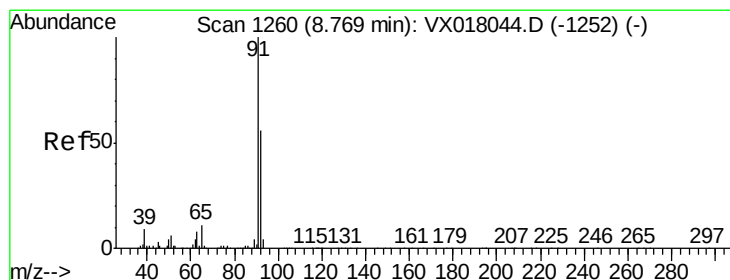
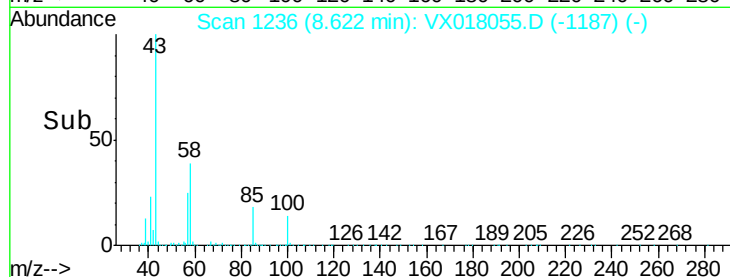
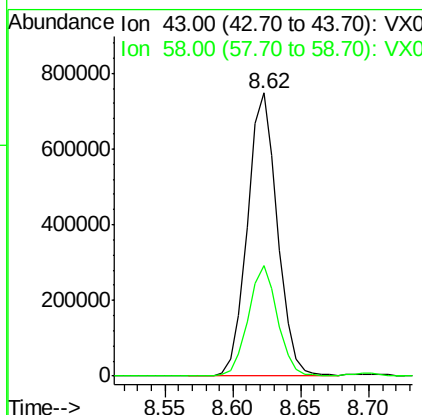
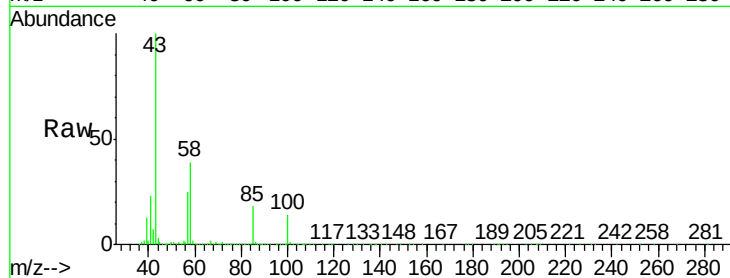
#51
 4-Methyl-2-Pentanone
 Concen: 101.264 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion: 43 Resp: 1154870
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.7 46.1

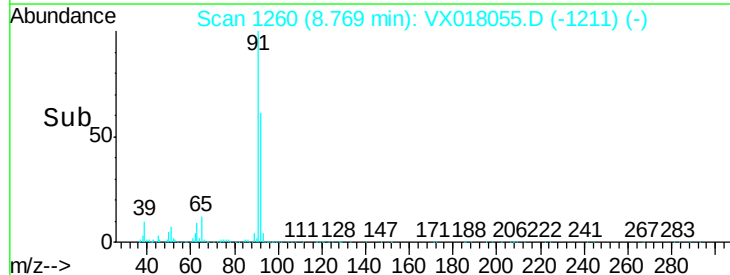
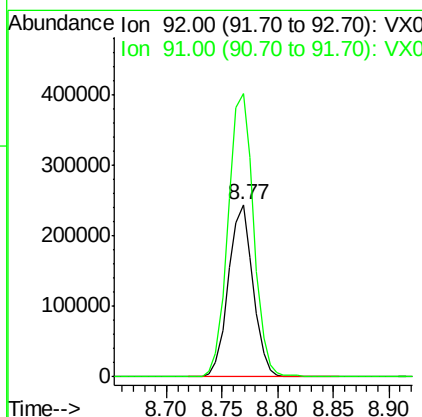
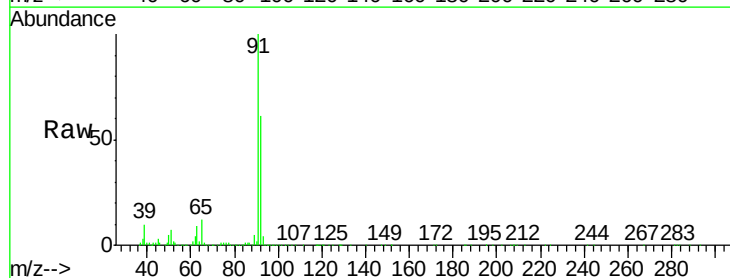
Manual Integrations
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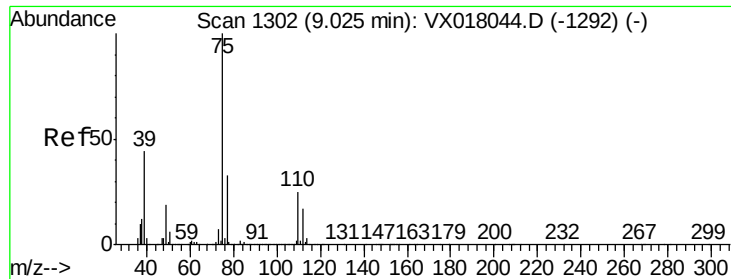
sam
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#52
 Toluene
 Concen: 20.306 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

Tgt Ion: 92 Resp: 372371
 Ion Ratio Lower Upper
 92 100
 91 170.5 140.3 210.5





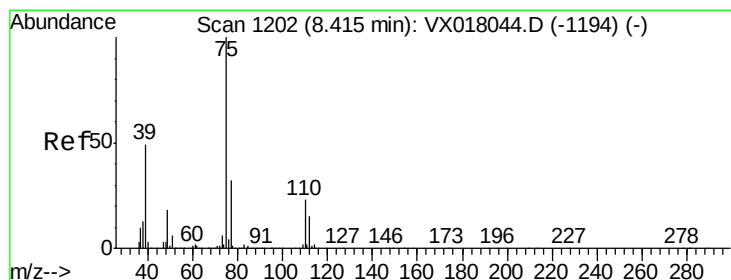
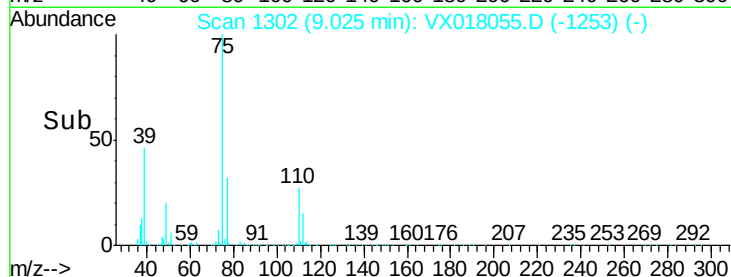
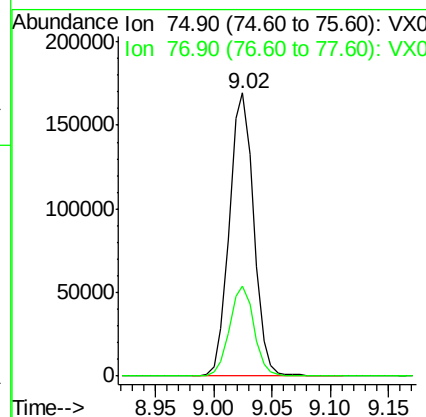
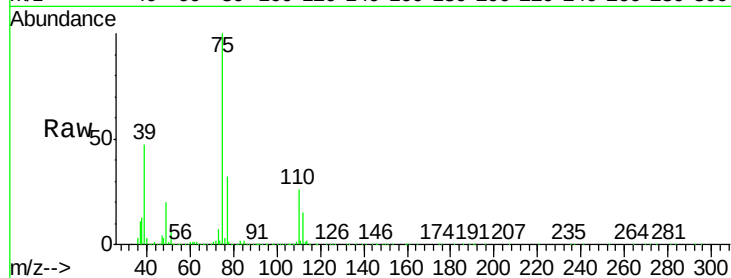
#53
t-1,3-Dichloropropene
Concen: 20.317 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	26.6	39.8

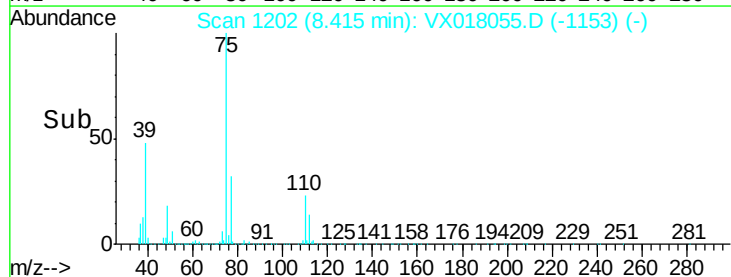
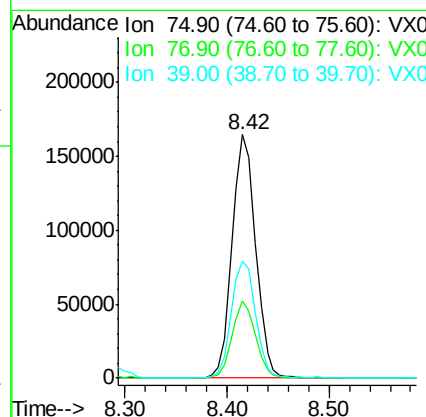
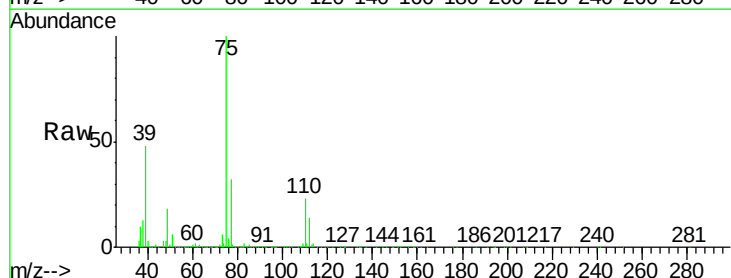
Manual Integrations
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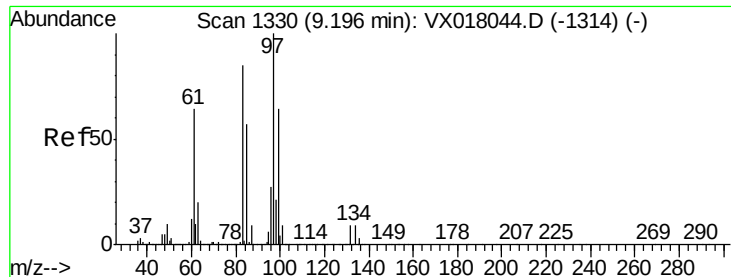
sam
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#54
cis-1,3-Dichloropropene
Concen: 20.433 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.8
39	47.6	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 19.711 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

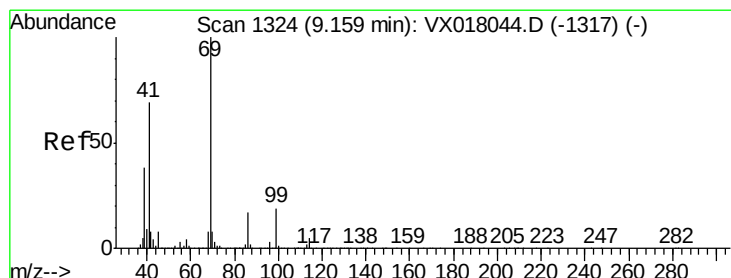
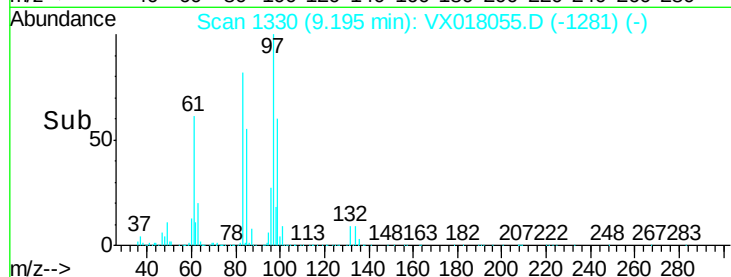
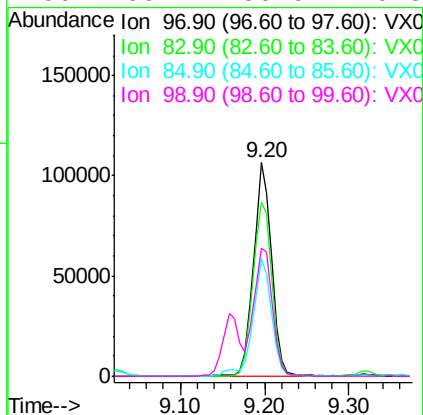
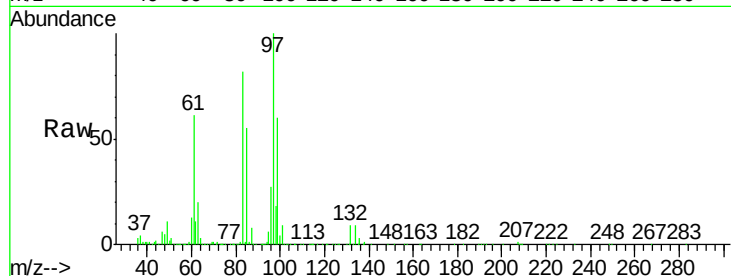
ClientSampleId :

VX0821WBSD02

Tot Ion:	97	Resp:	154154
Ion	Ratio	Lower	Upper
97	100		
83	81.6	67.8	101.6
85	55.2	45.3	67.9
99	60.2	50.9	76.3

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.929 ug/l

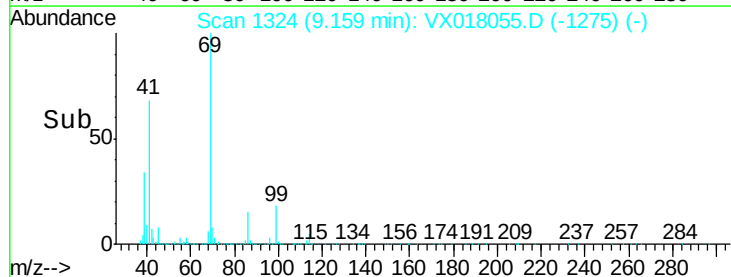
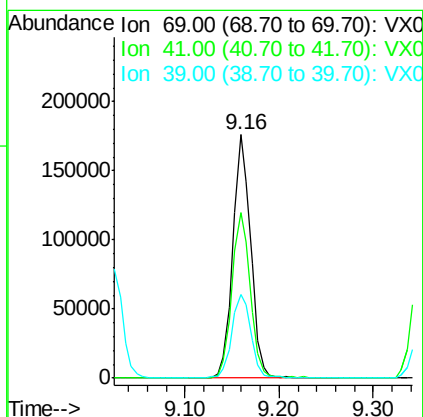
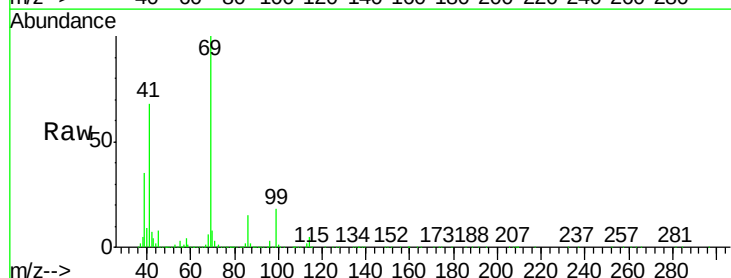
RT: 9.16 min Scan# 1324

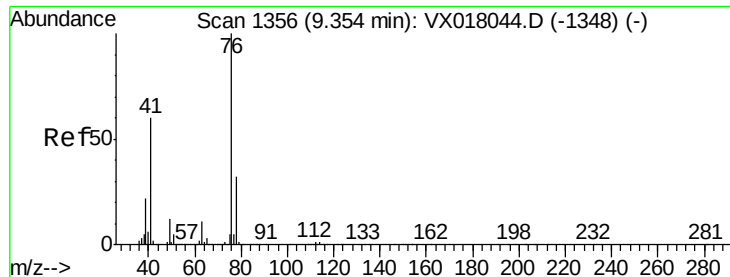
Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Tgt Ion:	69	Resp:	231700
Ion	Ratio	Lower	Upper
69	100		
41	69.1	54.6	81.8
39	36.3	29.1	43.7





#57

1,3-Dichloropropane

Concen: 20.234 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 76 Resp: 261009

Ion Ratio Lower Upper

76 100

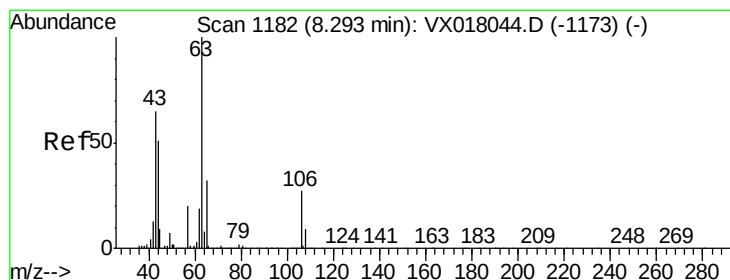
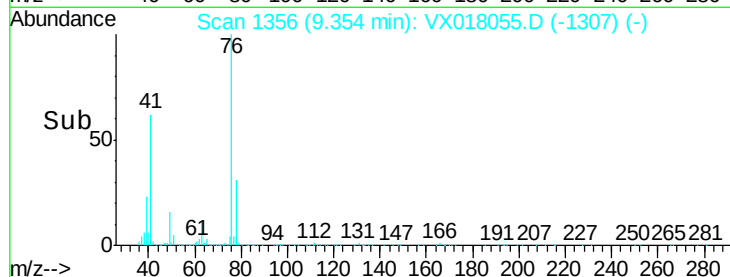
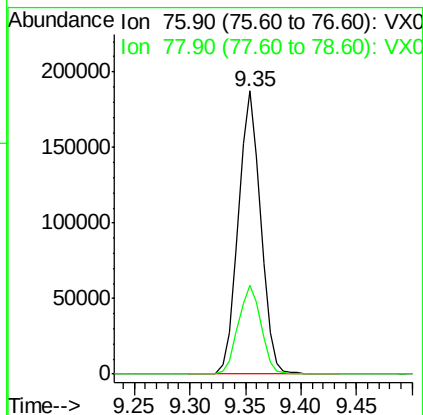
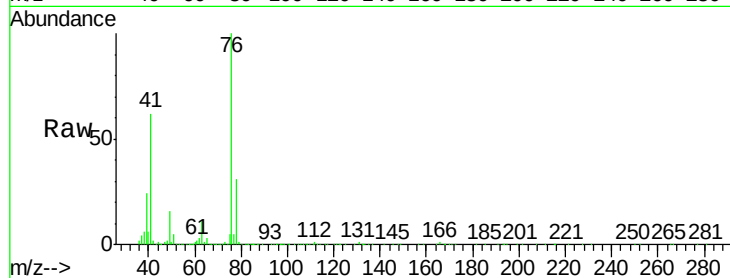
78 32.1 25.8 38.6

Manual Integrations

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sam

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#58

2-Chloroethyl Vinyl ether

Concen: 102.682 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018055.D

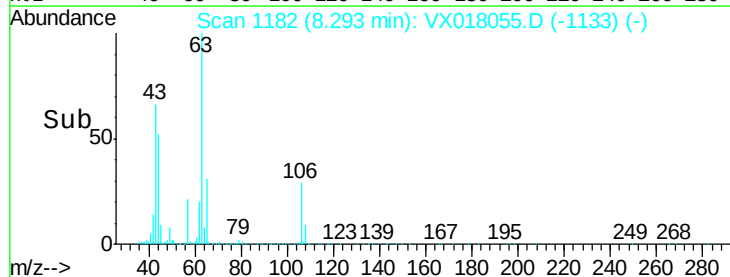
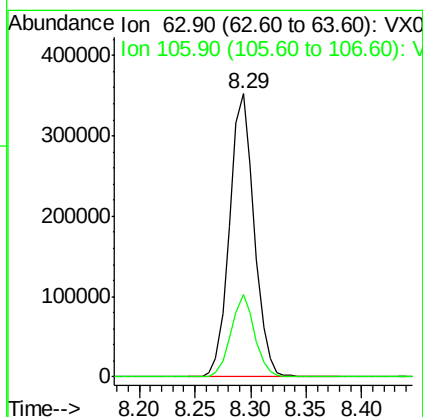
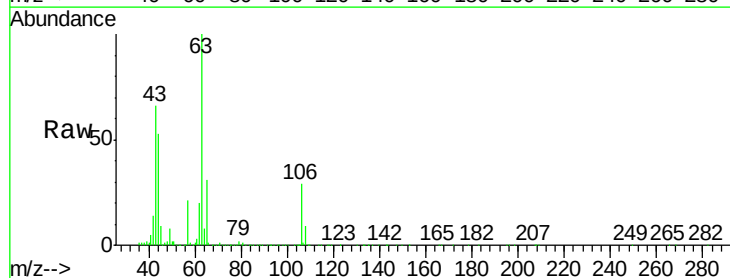
Acq: 21 Aug 2020 13:50

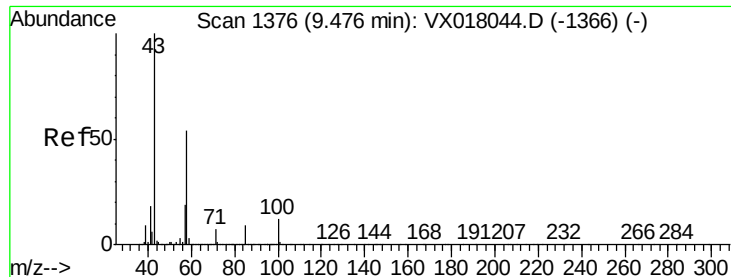
Tgt Ion: 63 Resp: 537039

Ion Ratio Lower Upper

63 100

106 28.2 22.1 33.1





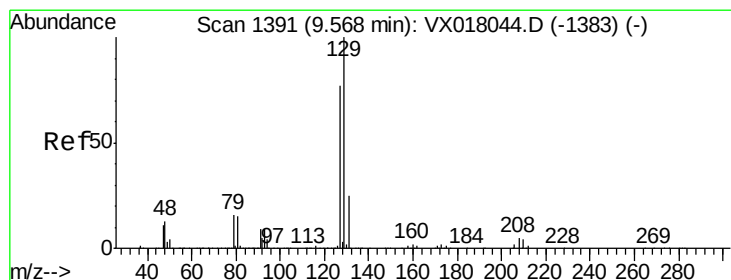
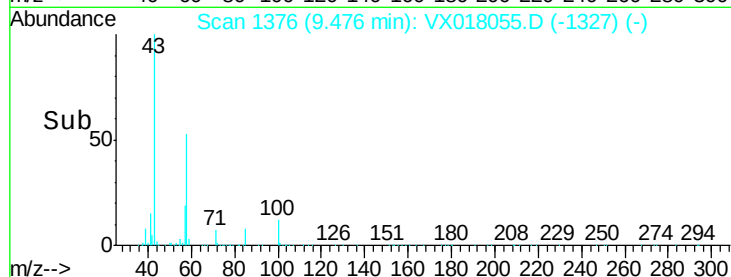
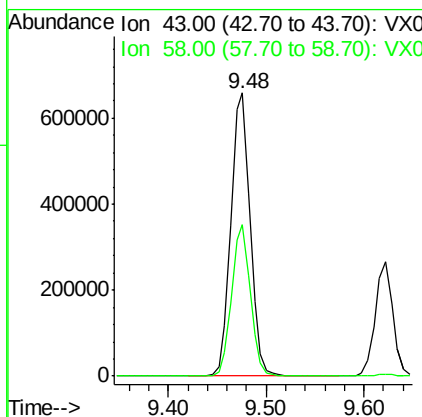
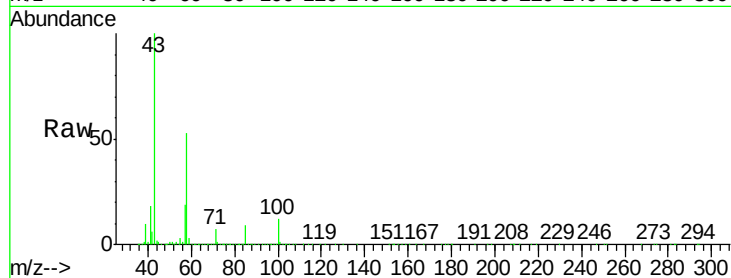
#59
2-Hexanone
Concen: 103.660 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.1	26.6	79.7

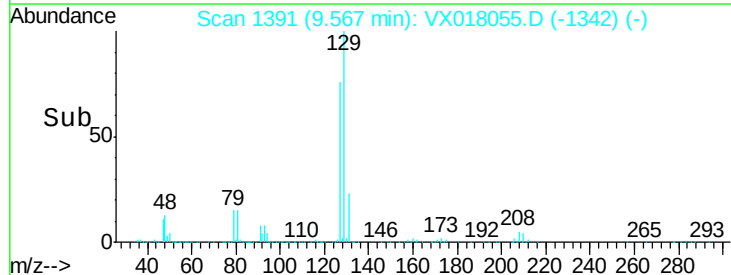
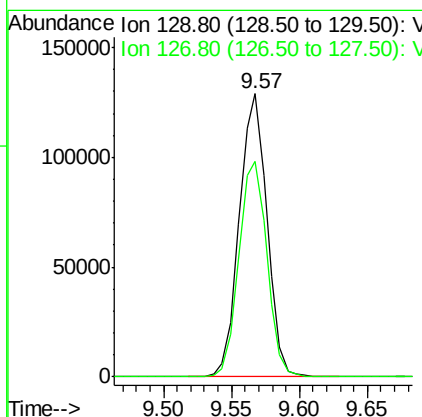
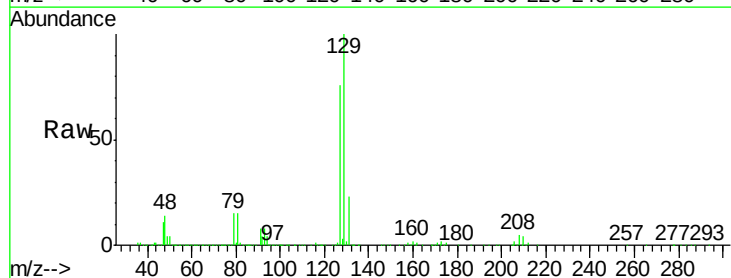
Manual Integrations
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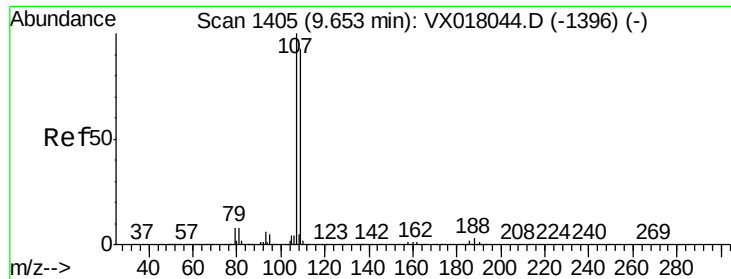
sam
8/24/2020 5:49:48 PM



#60
Dibromochloromethane
Concen: 19.937 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.9	116.6





#61

1,2-Dibromoethane

Concen: 19.170 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 107 Resp: 162771

Ion Ratio Lower Upper

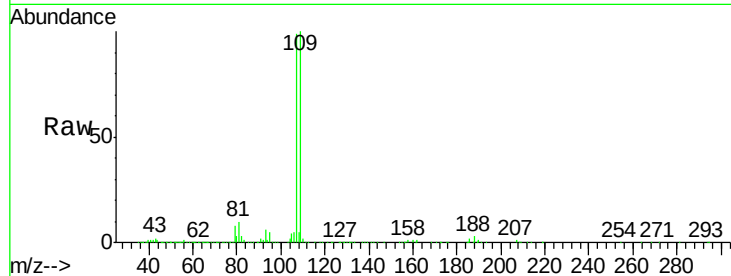
107 100

109 96.1 75.9 113.9

Manual Integrations
APPROVED

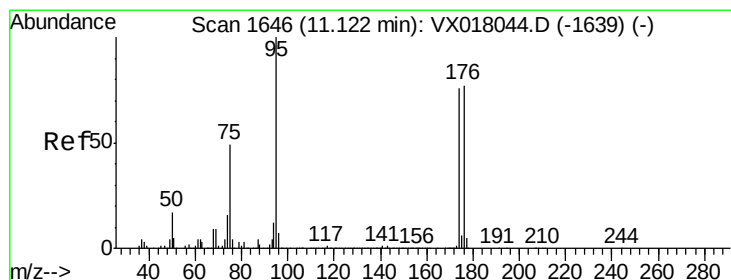
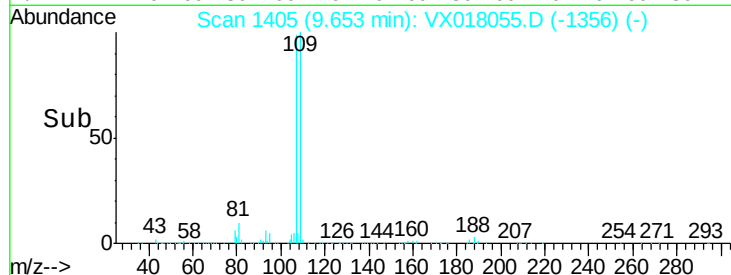
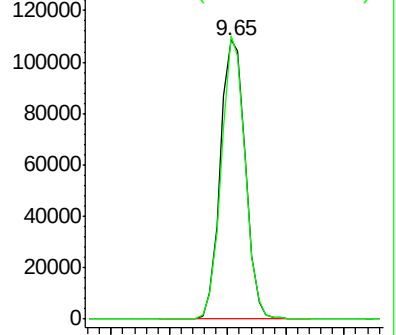
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.071 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

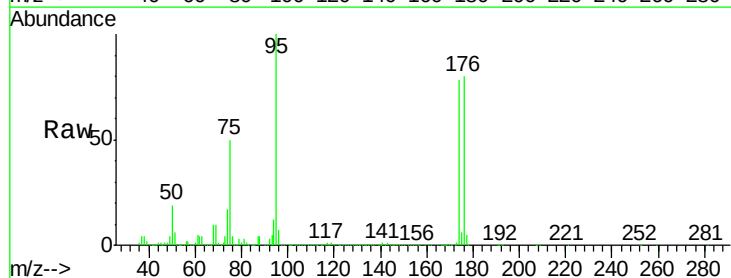
Tgt Ion: 95 Resp: 554507

Ion Ratio Lower Upper

95 100

174 77.0 0.0 160.2

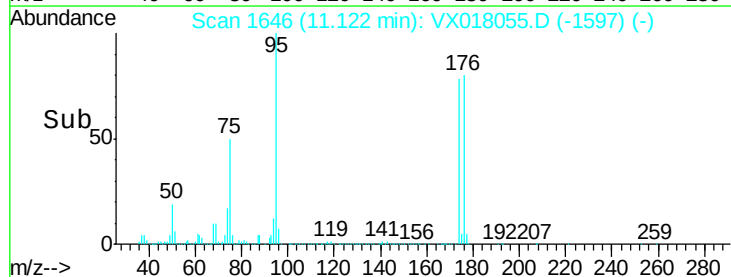
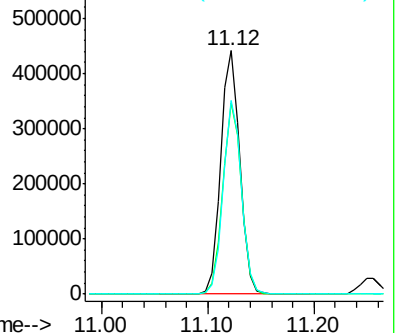
176 76.7 0.0 155.8

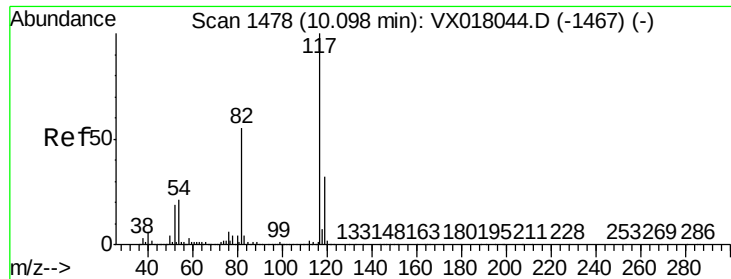


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





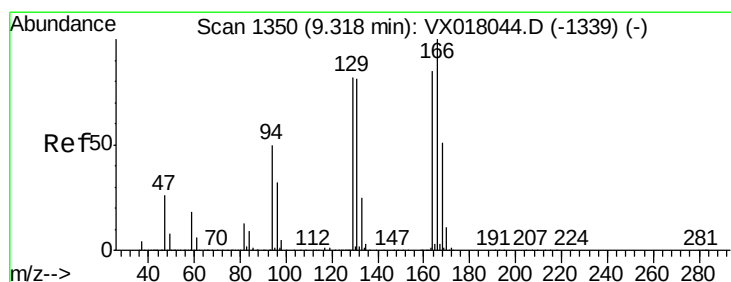
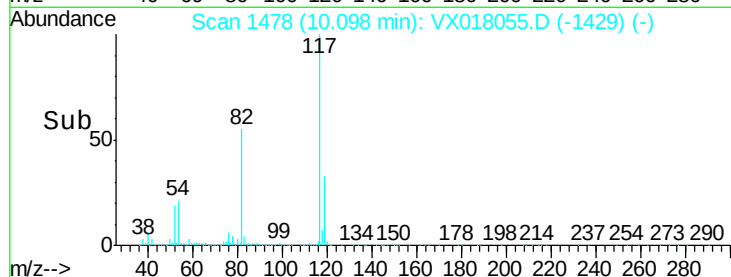
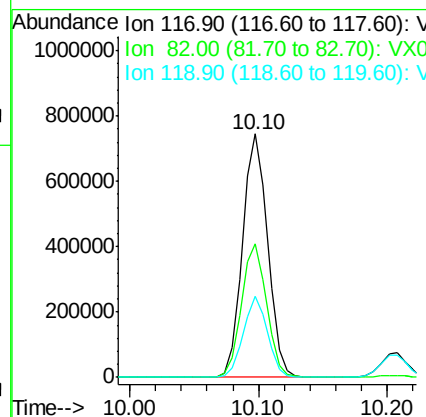
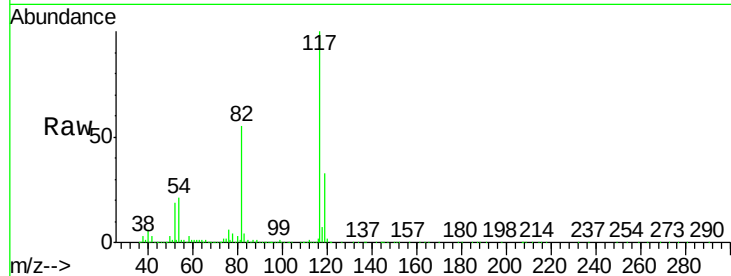
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.2	66.2
119	33.1	25.7	38.5

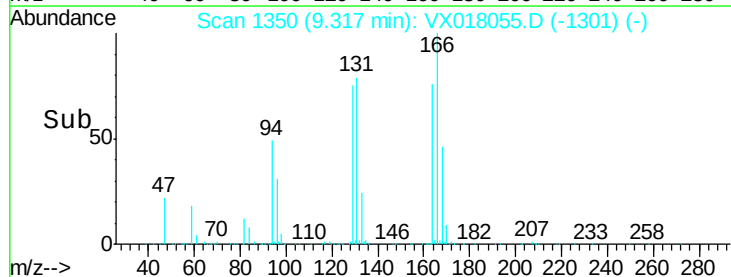
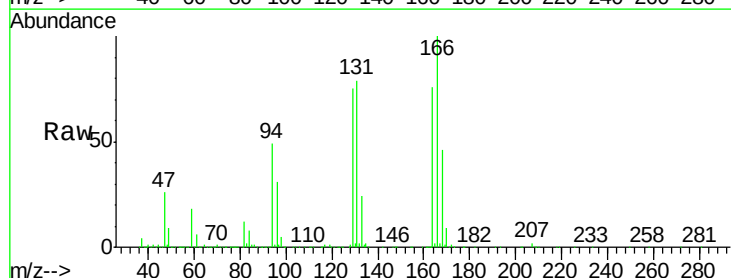
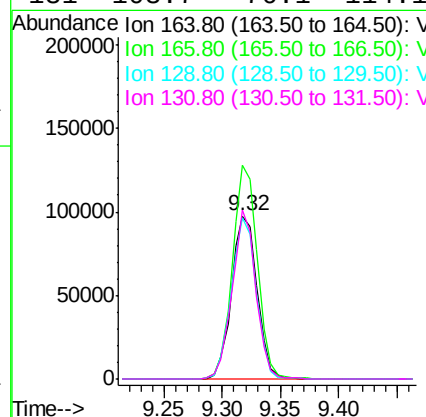
Manual Integrations
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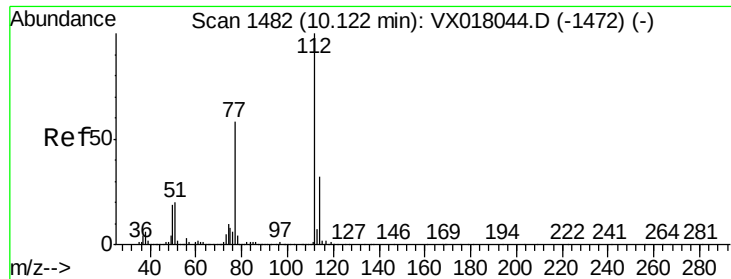
sam
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#64
Tetrachloroethene
Concen: 20.173 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.2	94.2	141.2
129	98.8	76.9	115.3
131	103.7	76.1	114.1





#65

Chlorobenzene

Concen: 20.247 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion:112 Resp: 405586

Ion Ratio Lower Upper

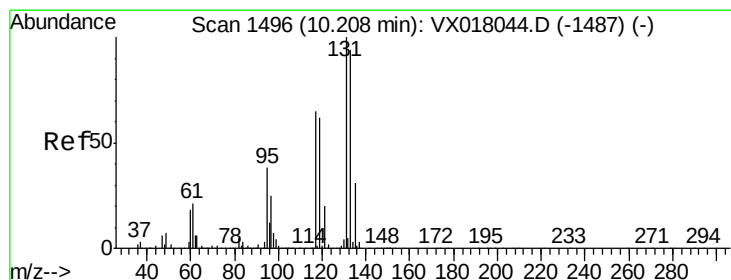
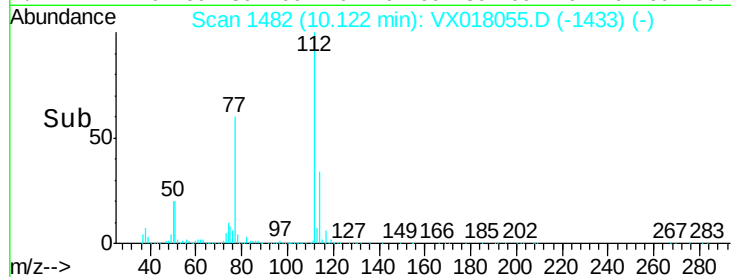
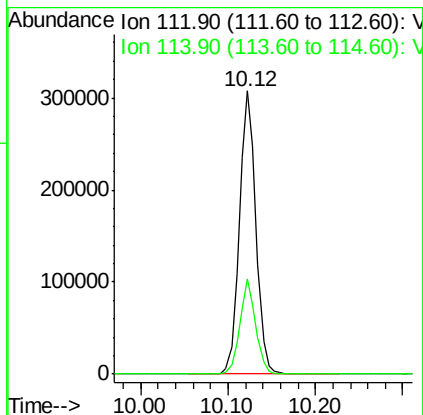
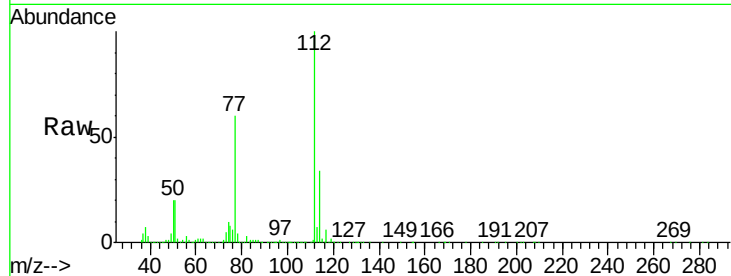
112 100

114 33.8 25.7 38.5

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.564 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

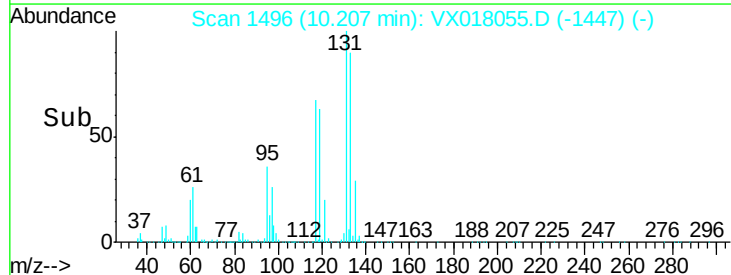
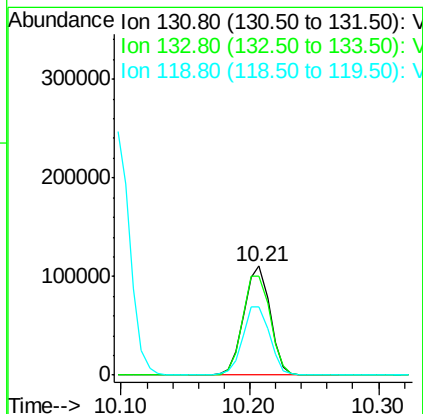
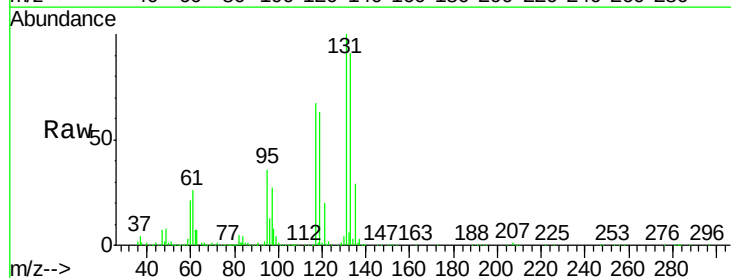
Tgt Ion:131 Resp: 154458

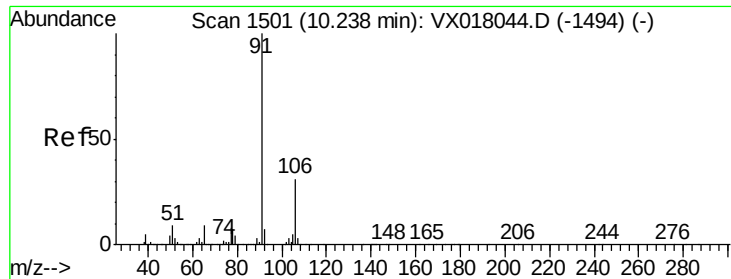
Ion Ratio Lower Upper

131 100

133 96.7 46.7 140.1

119 65.4 31.8 95.4





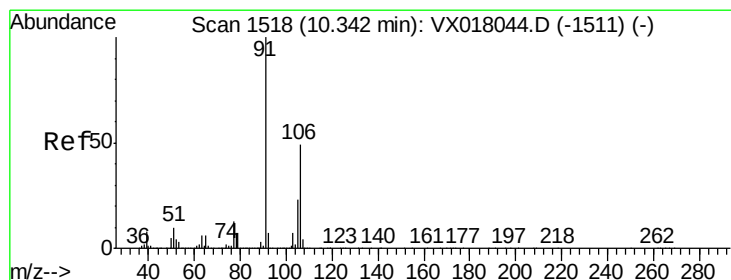
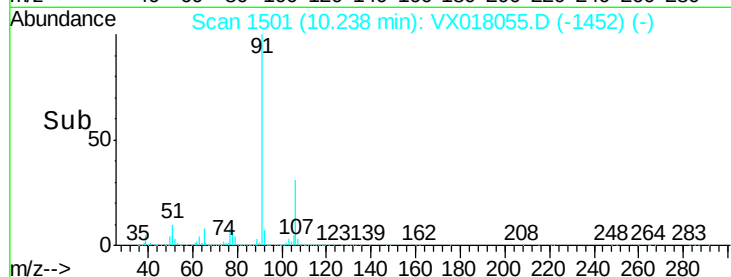
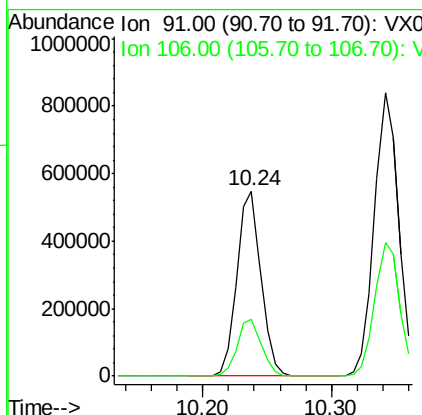
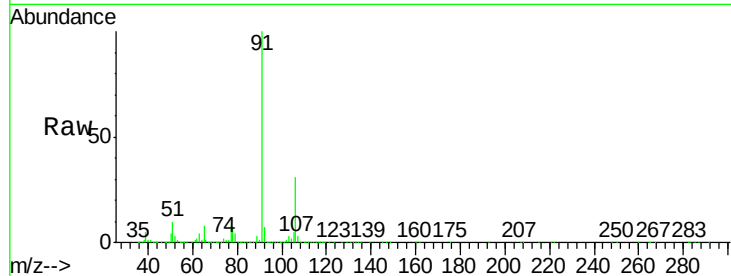
#67
Ethyl Benzene
Concen: 20.872 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.9	37.3

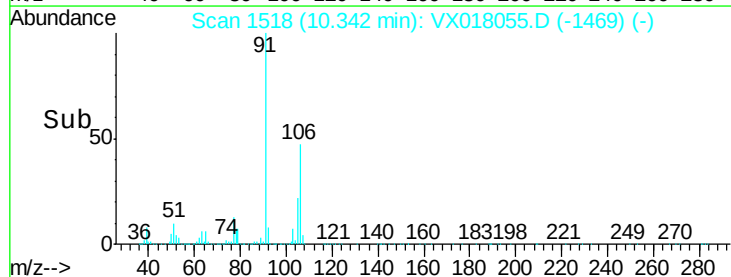
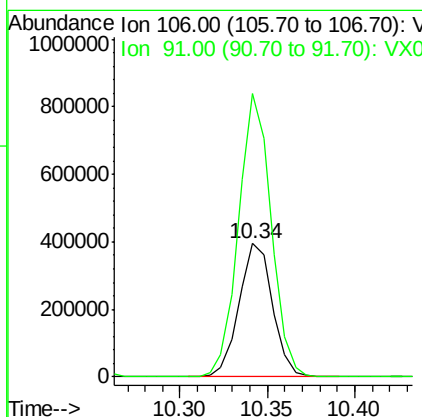
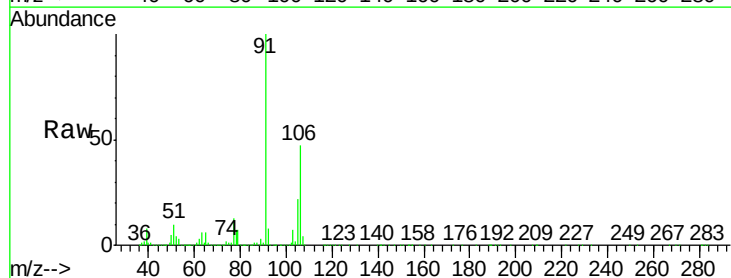
Manual Integrations
APPROVED

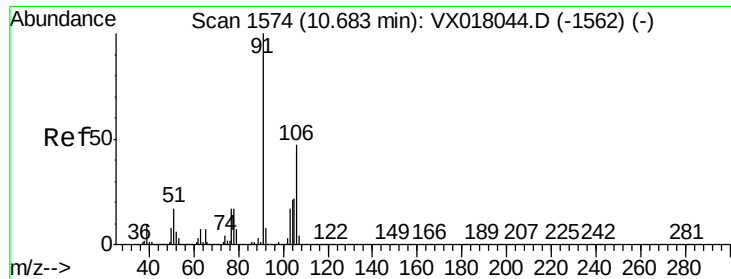
sam
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#68
m/p-Xylenes
Concen: 41.318 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Lower	Upper
106	100		
91	207.2	162.2	243.2





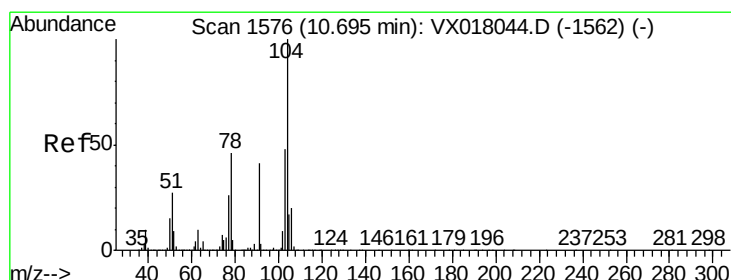
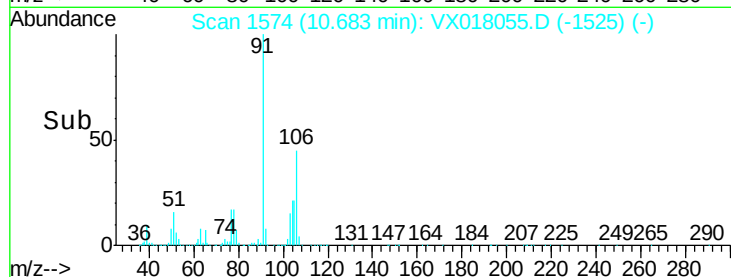
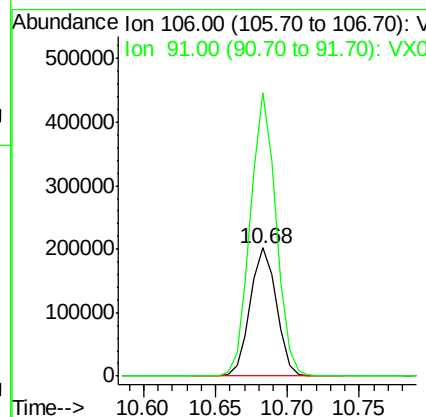
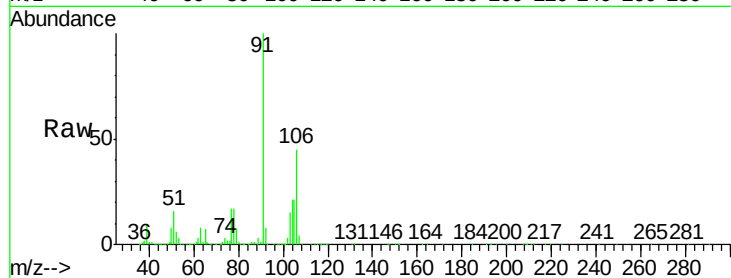
#69
o-Xylene
Concen: 20.665 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		254712		
91	215.4	107.1	321.3		

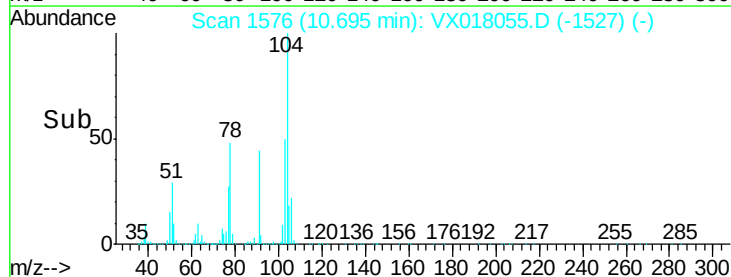
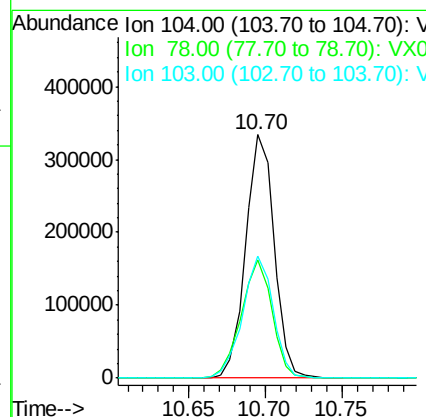
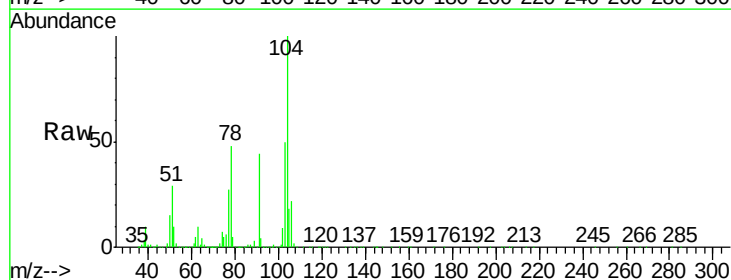
Manual Integrations
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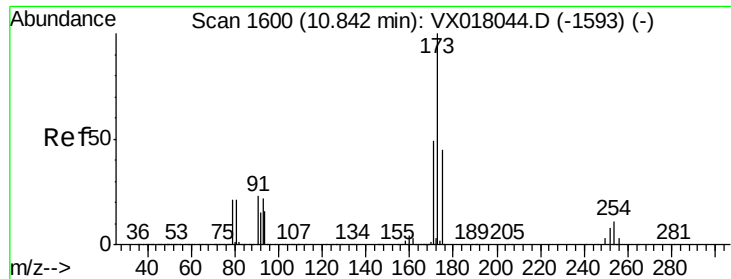
sam
8/24/2020 5:49:48 PM



#70
Styrene
Concen: 20.680 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		434096		
78	52.8	40.9	61.3		
103	54.0	43.6	65.4		





#71

Bromoform

Concen: 19.336 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

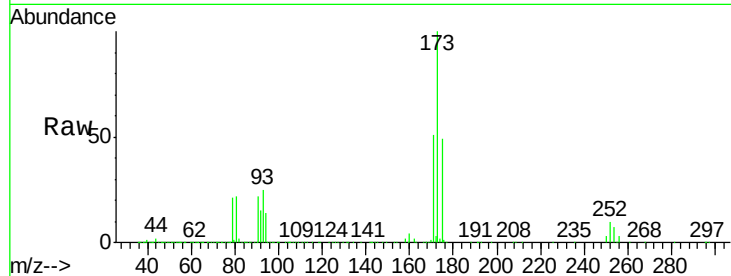
ClientSampleId :

VX0821WBSD02

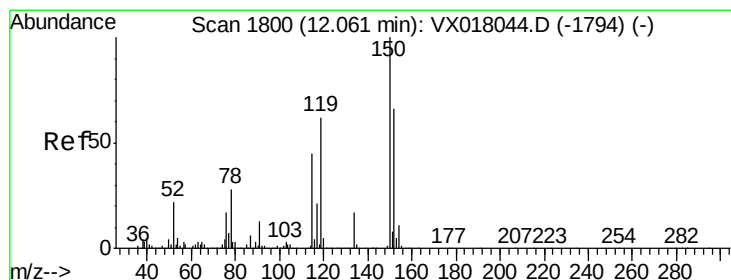
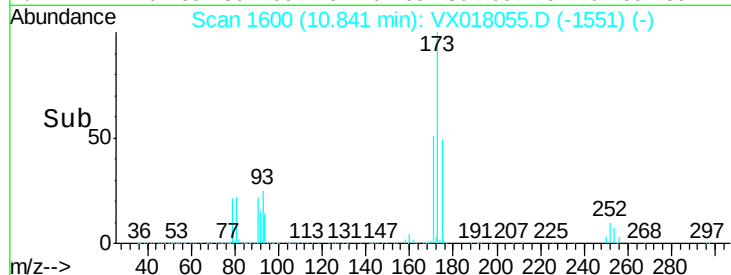
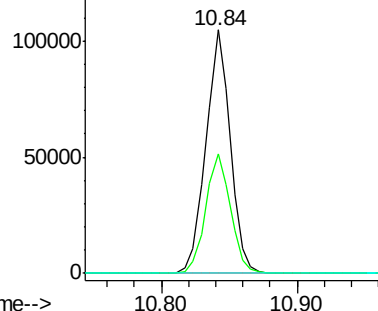
Tot Ion:	173	Resp:	130212
Ion Ratio	Lower	Upper	
173	100		
175	50.0	23.9	71.8
254	0.2	0.2	0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

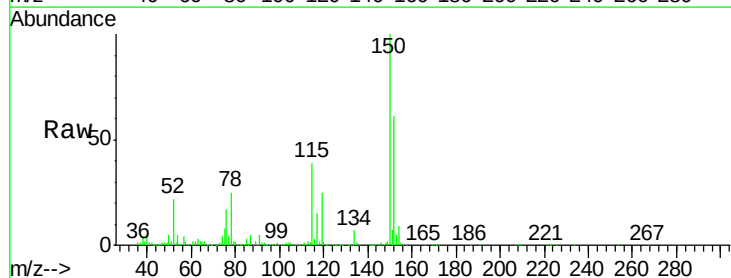
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

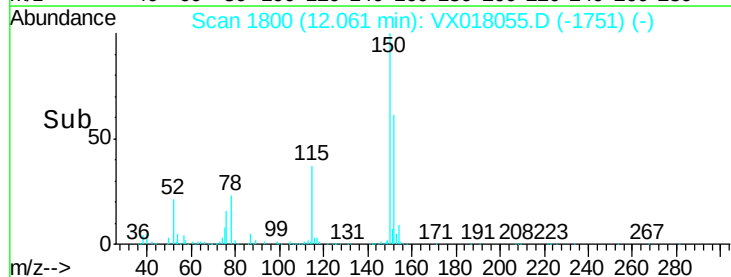
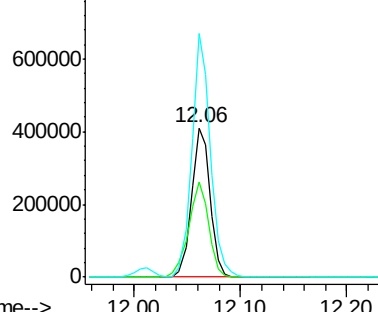
Lab File: VX018055.D

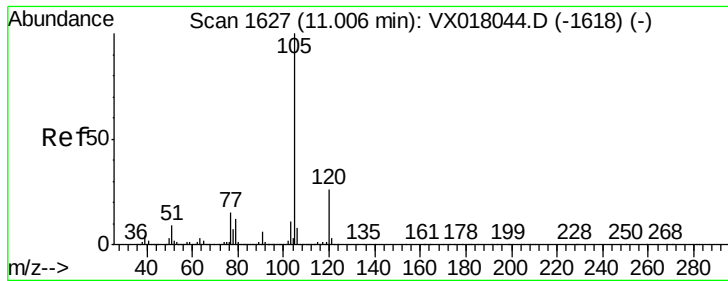
Acq: 21 Aug 2020 13:50

Tgt Ion:	152	Resp:	494744
Ion Ratio	Lower	Upper	
152	100		
115	68.7	41.5	124.5
150	163.1	0.0	343.8



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





#73

Isopropylbenzene

Concen: 20.979 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 105 Resp: 684614

Ion Ratio Lower Upper

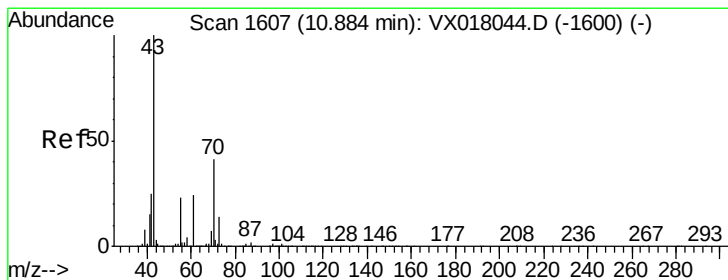
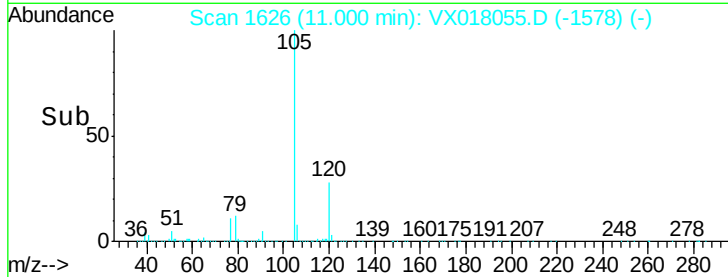
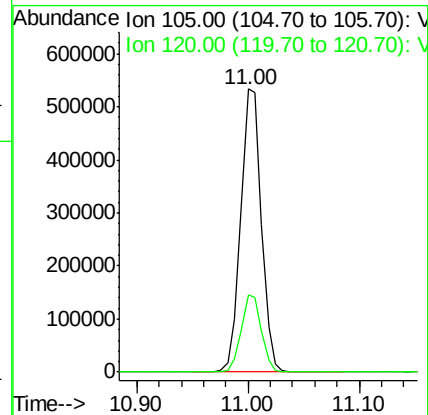
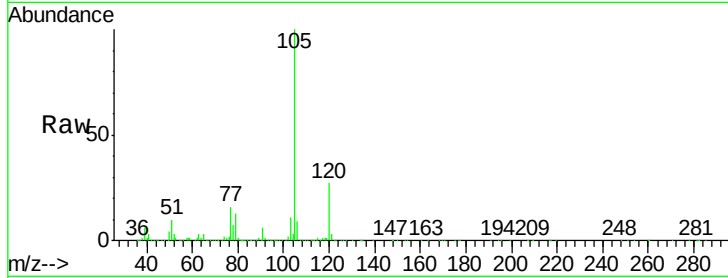
105 100

120 26.6 13.2 39.5

Manual Integrations
APPROVED

sam

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#74

N-ethyl acetate

Concen: 21.026 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Tgt Ion: 43 Resp: 325556

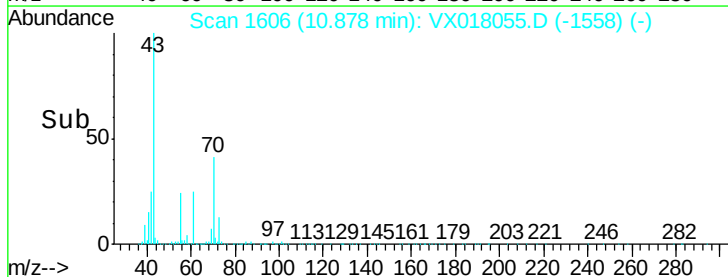
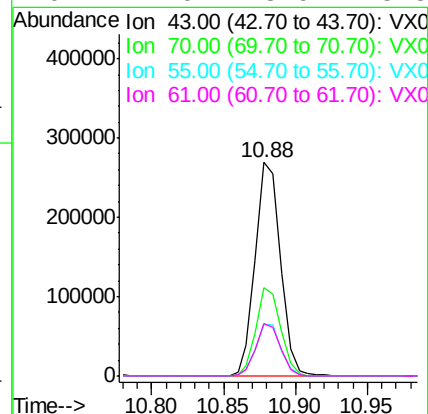
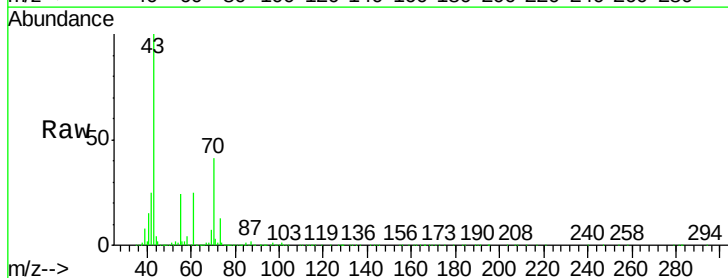
Ion Ratio Lower Upper

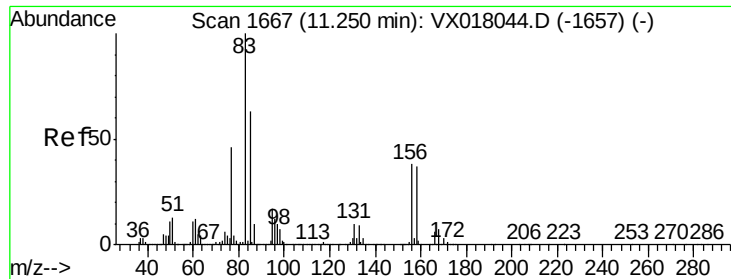
43 100

70 40.2 32.3 48.5

55 24.0 18.2 27.2

61 24.0 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.943 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 83 Resp: 229580

Ion Ratio Lower Upper

83 100

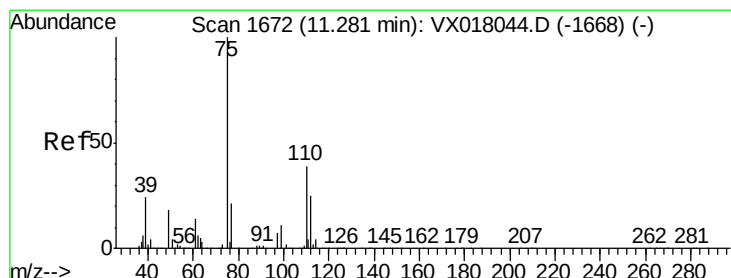
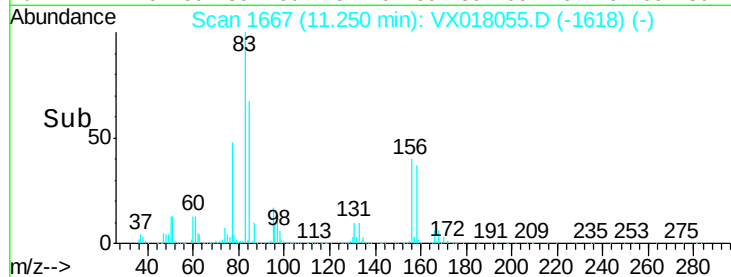
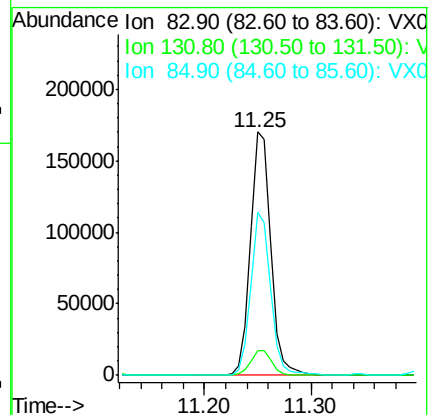
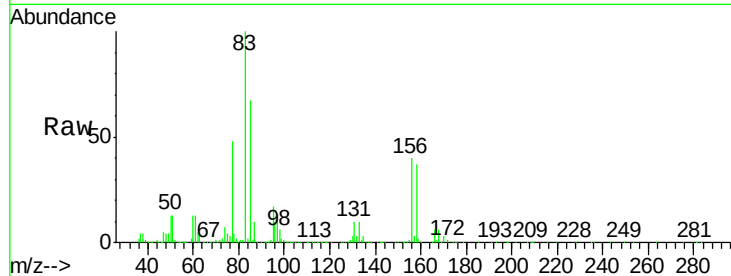
131 10.6 5.1 15.4

85 65.6 32.2 96.6

Manual Integrations
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Sam

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#76

1,2,3-Trichloropropane

Concen: 19.654 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018055.D

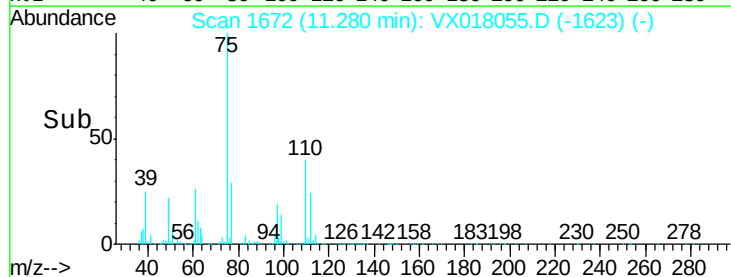
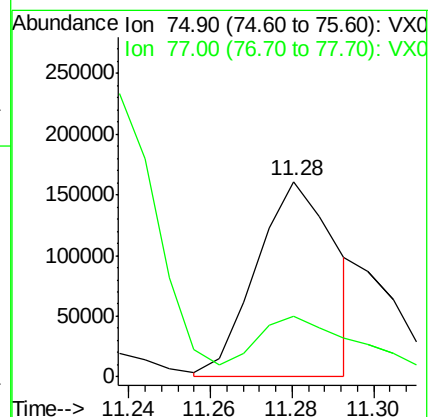
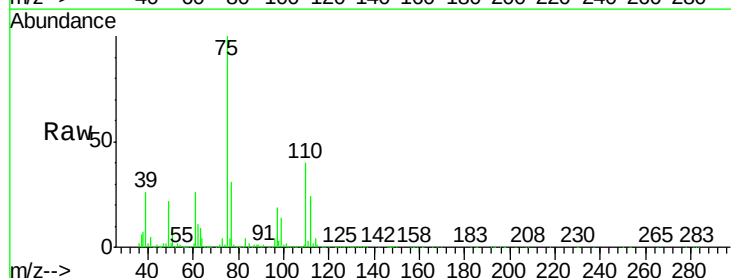
Acq: 21 Aug 2020 13:50

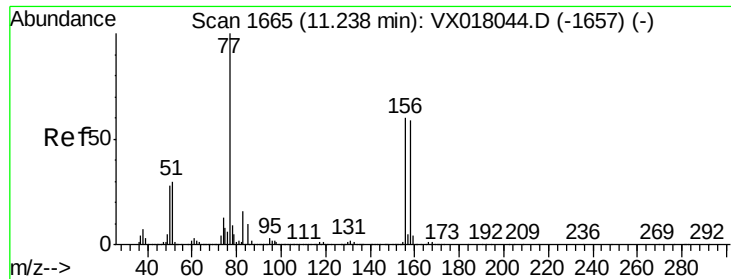
Tgt Ion: 75 Resp: 216308

Ion Ratio Lower Upper

75 100

77 41.0 20.8 62.2





#77

Bromobenzene

Concen: 20.314 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

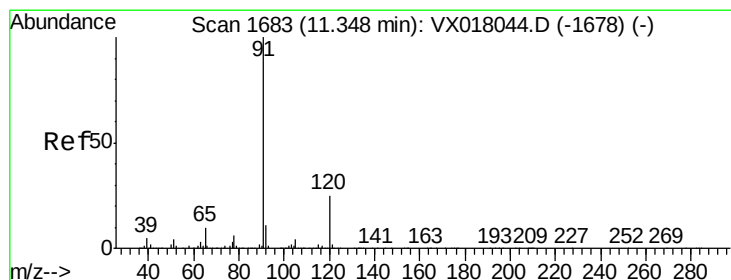
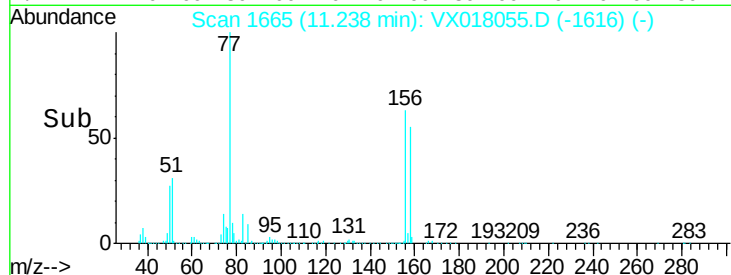
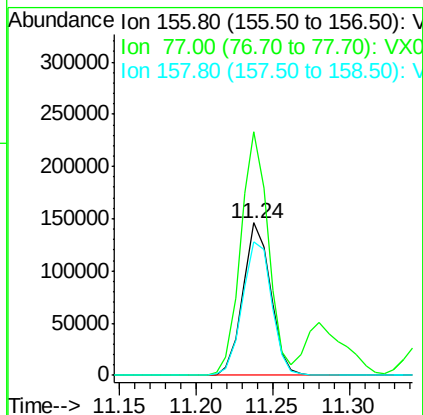
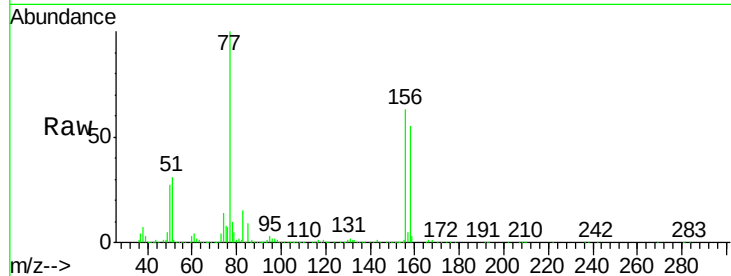
ClientSampleId :

VX0821WBSD02

Tot Ion:	156	Resp:	183246
Ion Ratio	Lower	Upper	
156	100		
77	158.7	80.0	240.2
158	92.8	49.5	148.7

Manual Integrations
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#78

n-propylbenzene

Concen: 21.288 ug/l

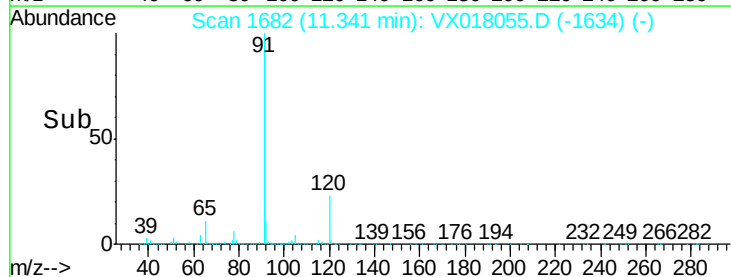
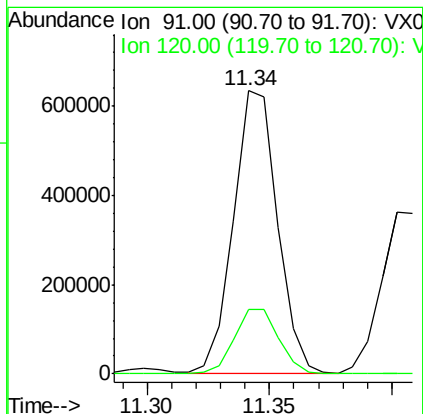
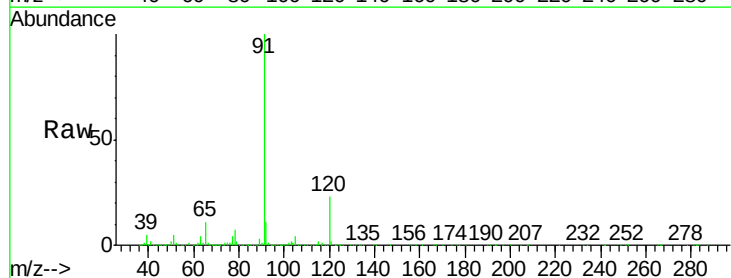
RT: 11.34 min Scan# 1682

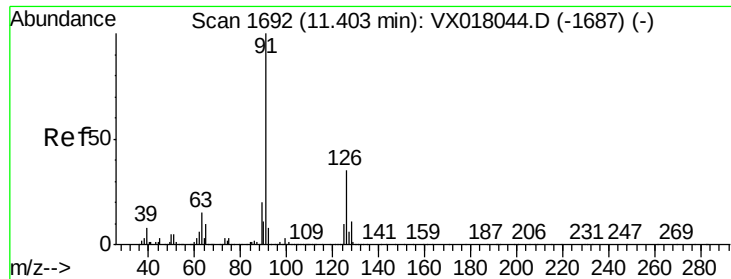
Delta R.T. -0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Tgt Ion:	91	Resp:	788811
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.9	35.9





#79

2-Chlorotoluene

Concen: 20.905 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 91 Resp: 478584

Ion Ratio Lower Upper

91 100

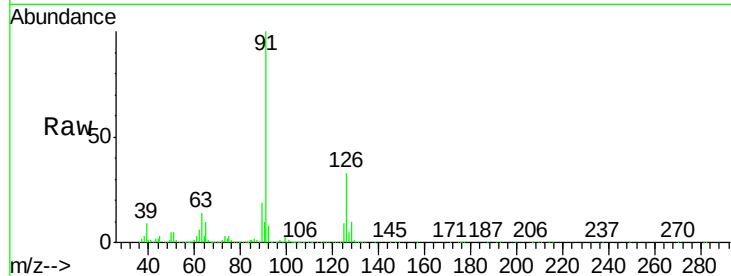
126 33.7 17.4 52.2

Manual Integrations

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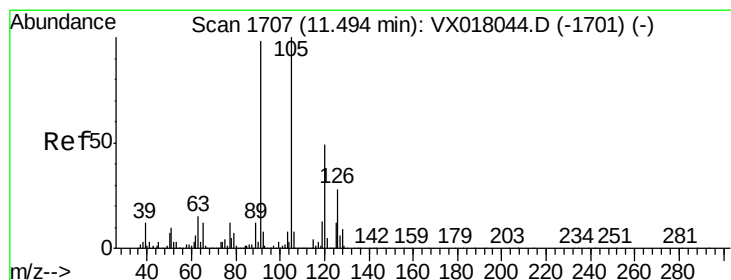
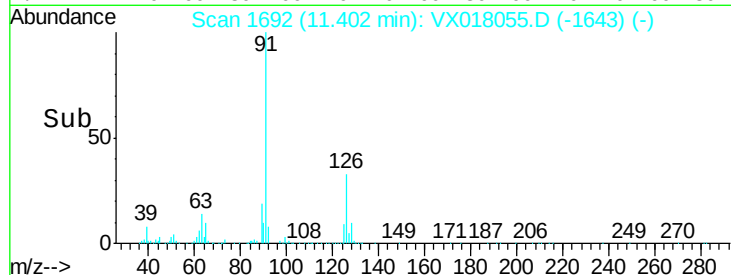
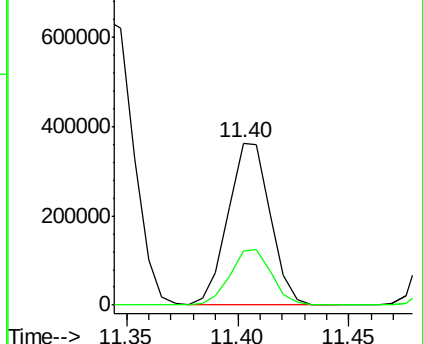
sam

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Abundance Ion 91.00 (90.70 to 91.70): VX018044.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX018044.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.506 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018055.D

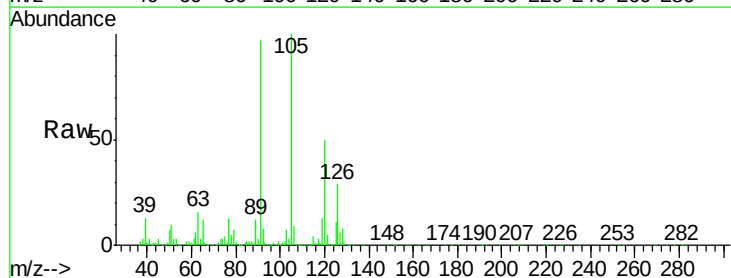
Acq: 21 Aug 2020 13:50

Tgt Ion: 105 Resp: 576732

Ion Ratio Lower Upper

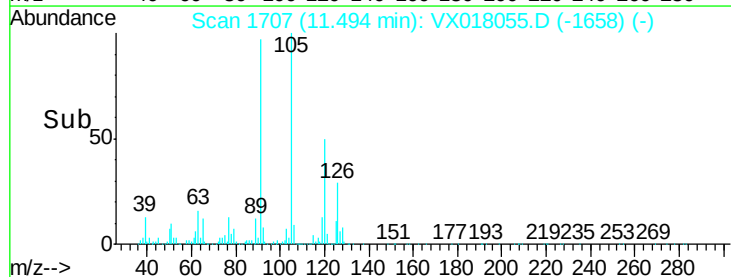
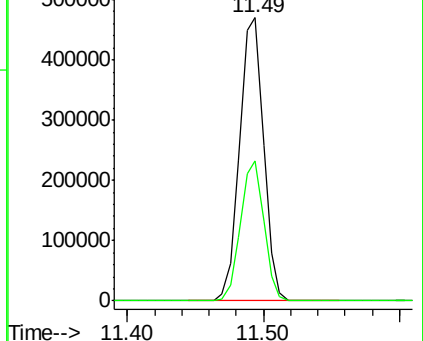
105 100

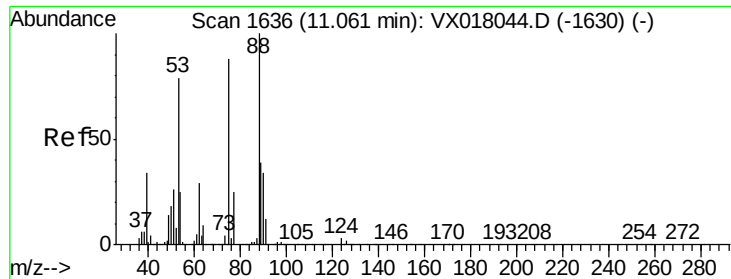
120 48.6 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX018044.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018044.D (-1701) (-)





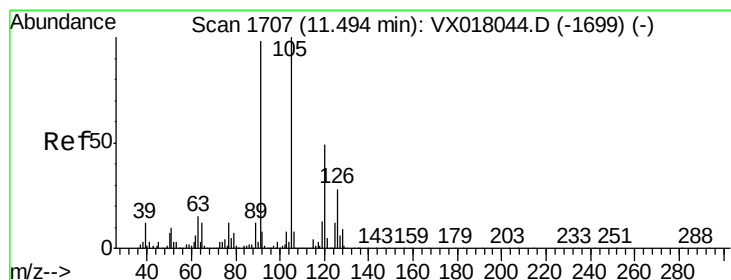
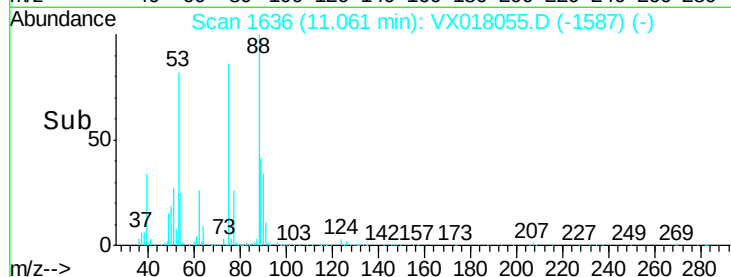
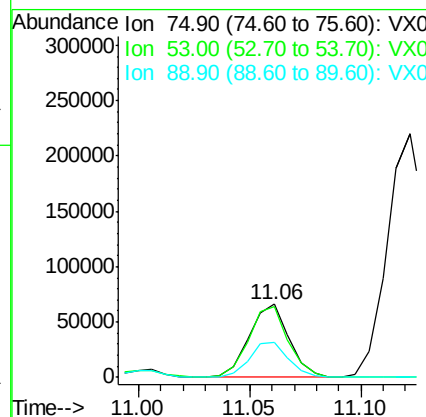
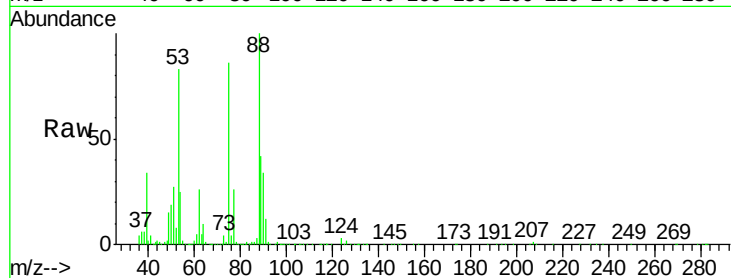
#81
trans-1,4-Dichloro-2-butene
Concen: 20.205 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.0	74.7	112.1
89	48.1	36.6	54.8

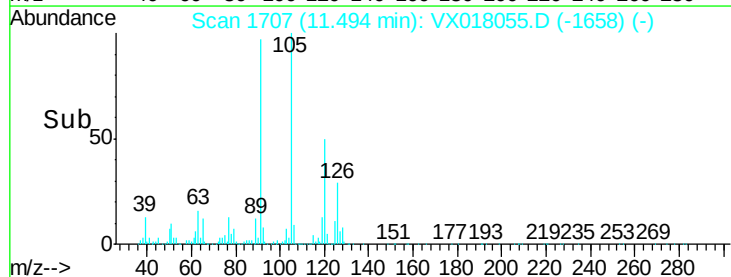
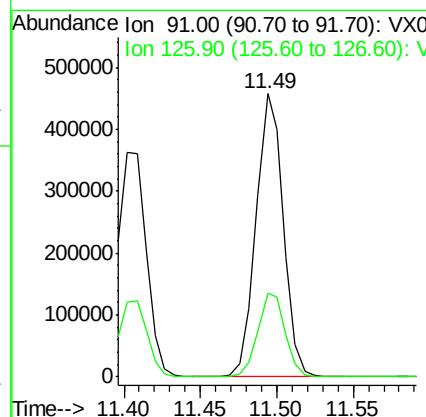
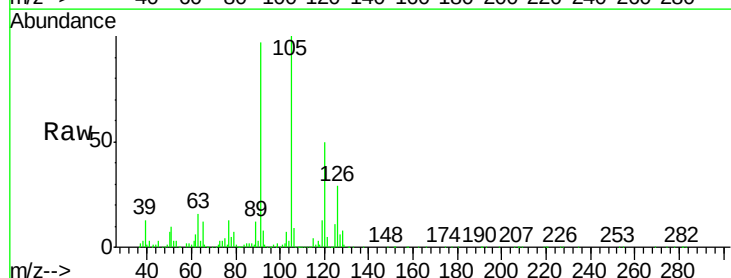
Manual Integrations
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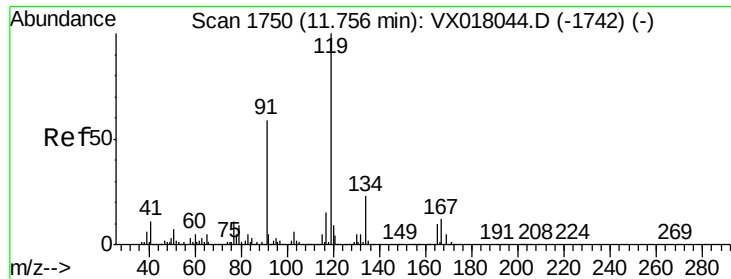
sam
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#82
4-Chlorotoluene
Concen: 20.778 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	15.1	45.3





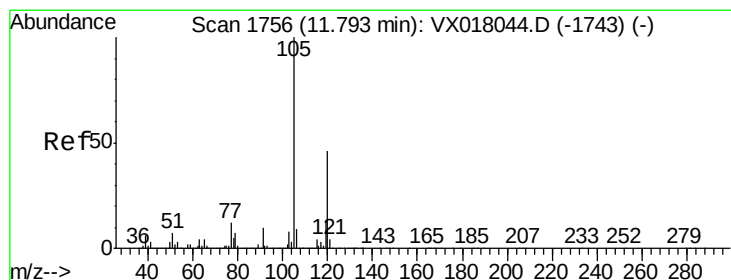
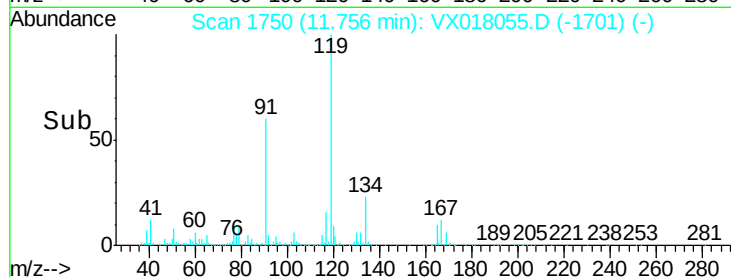
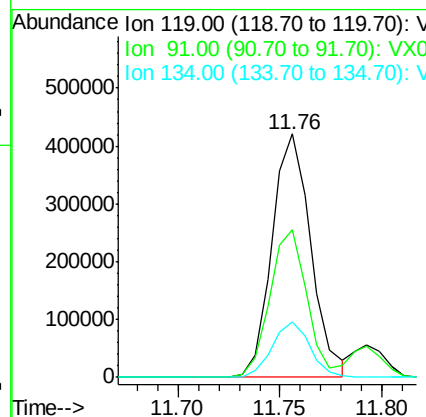
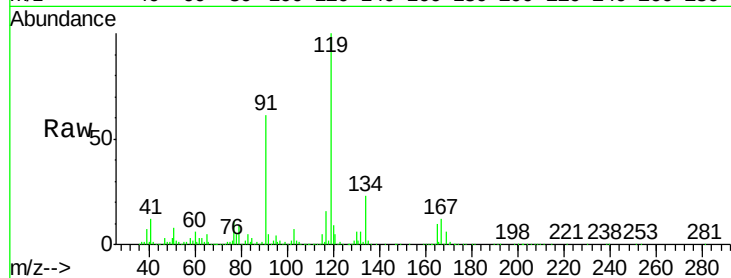
#83
 tert-Butylbenzene
 Concen: 21.144 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	559574		
91	57.2		28.2	84.7
134	22.1		11.3	33.8

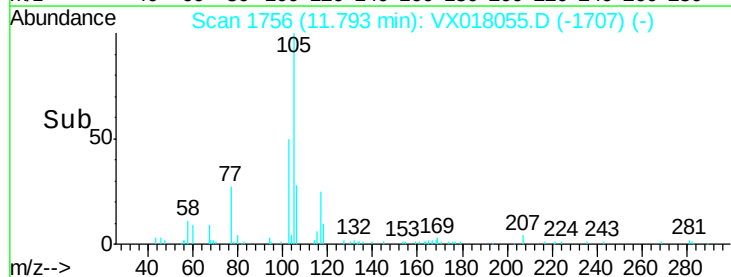
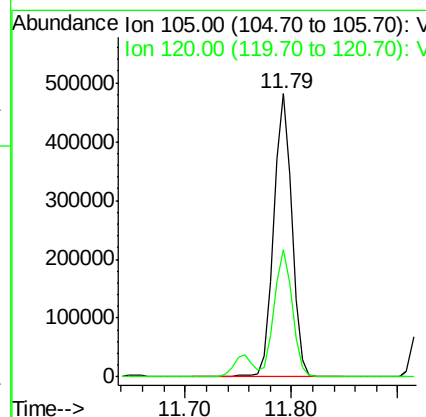
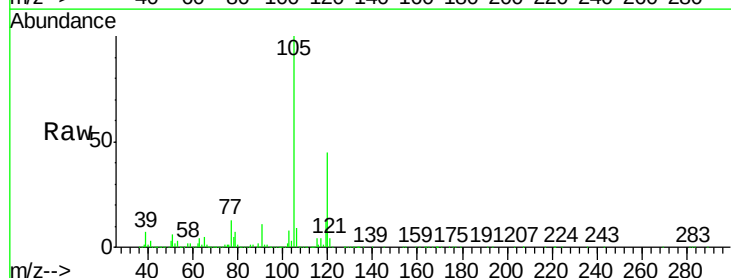
Manual Integrations
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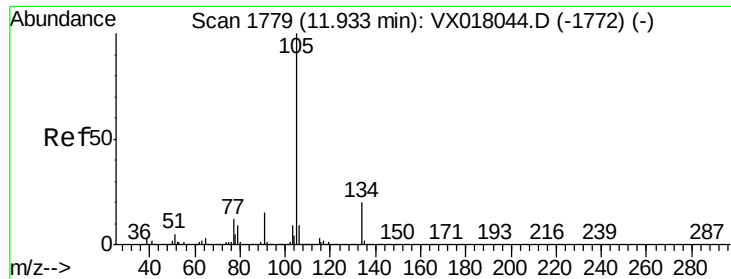
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.068 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	577637		
120	45.0		22.3	66.9





#85

sec-Butylbenzene

Concen: 21.772 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

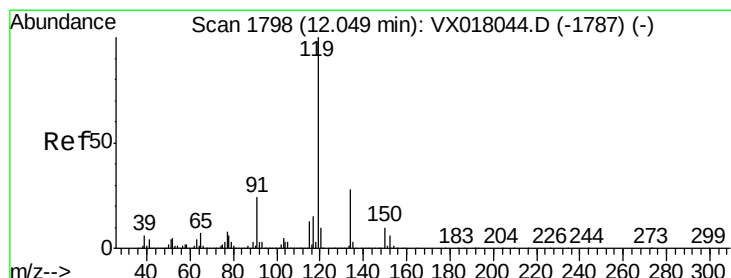
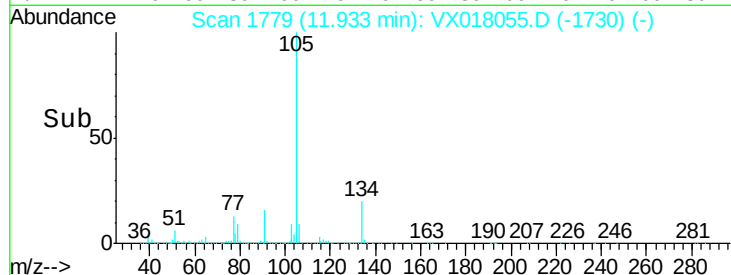
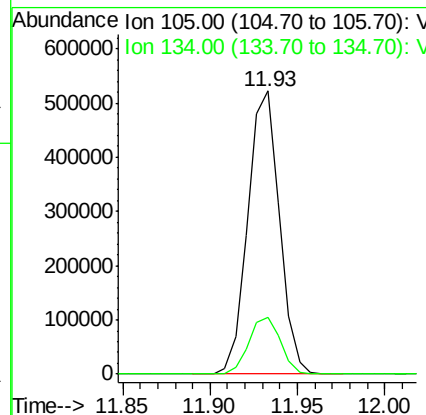
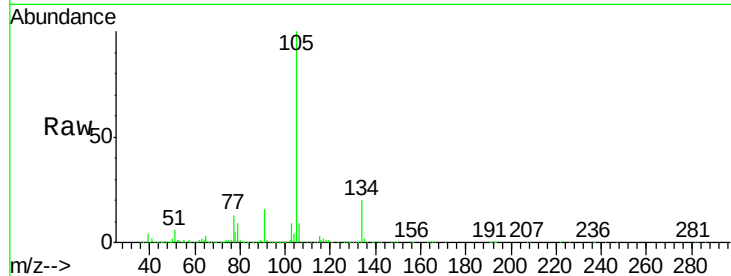
ClientSampleId :

VX0821WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	655251		
134	20.1	10.1	30.3	

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 21.841 ug/l

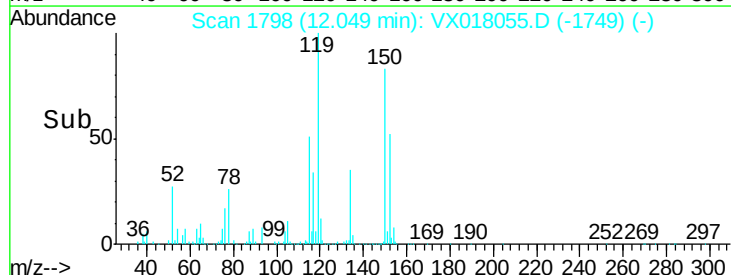
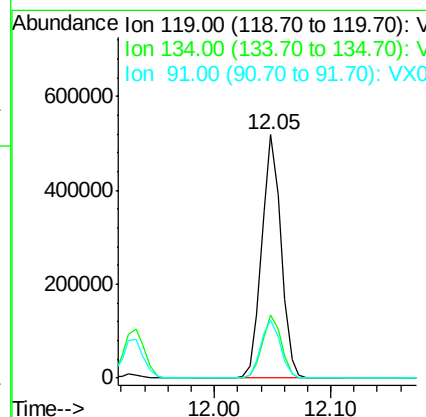
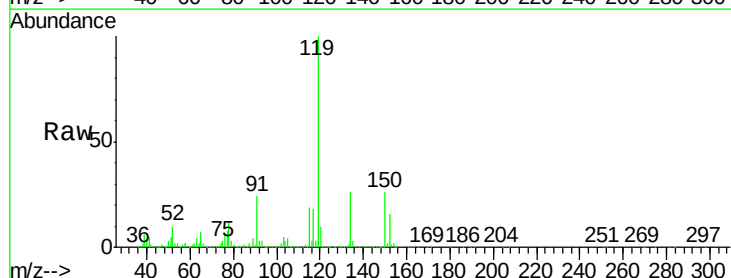
RT: 12.05 min Scan# 1798

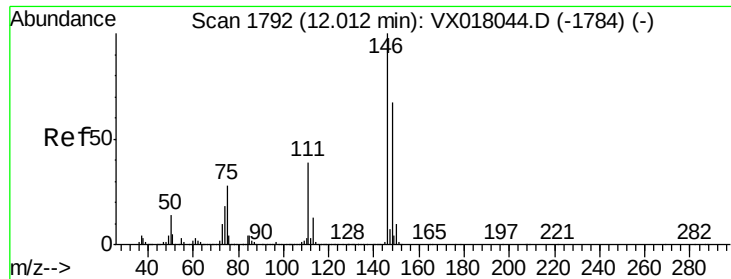
Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	603802		
134	25.9	13.2	39.5	
91	24.4	11.8	35.4	





#87

1,3-Dichlorobenzene

Concen: 19.555 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

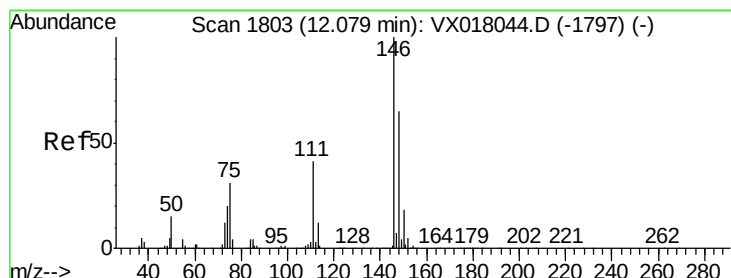
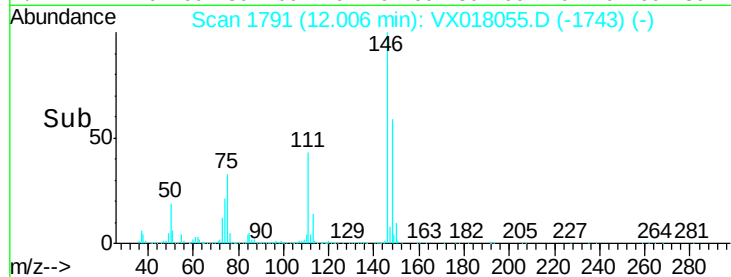
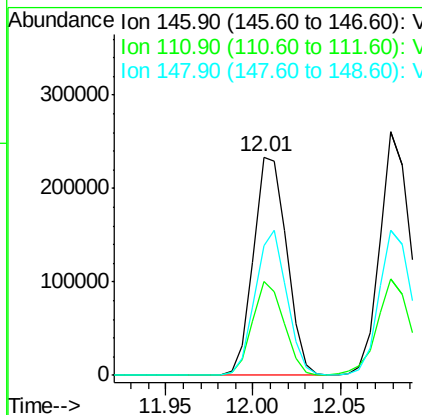
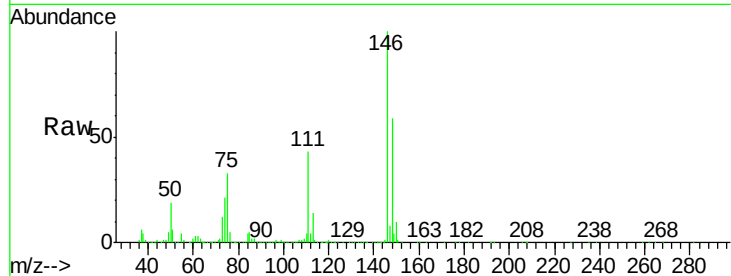
ClientSampled :

VX0821WBSD02

Tot Ion:	146	Resp:	309709
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.6	61.8
148	63.0	33.1	99.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.815 ug/l

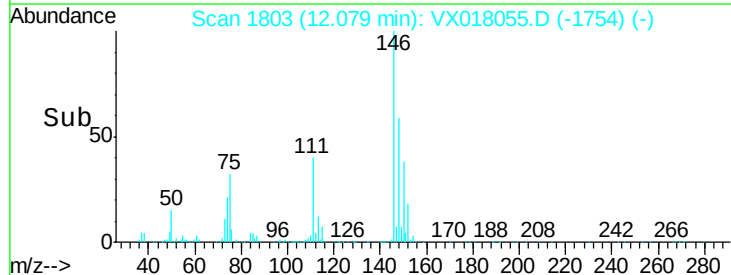
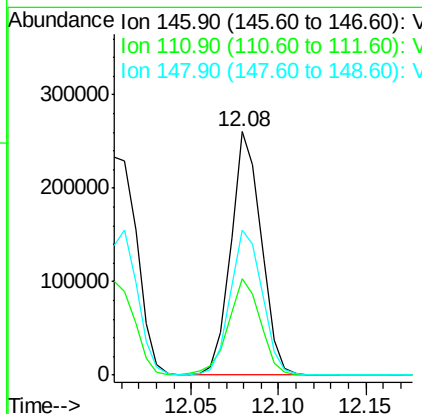
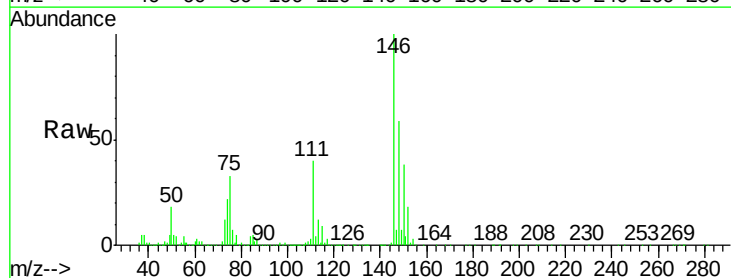
RT: 12.08 min Scan# 1803

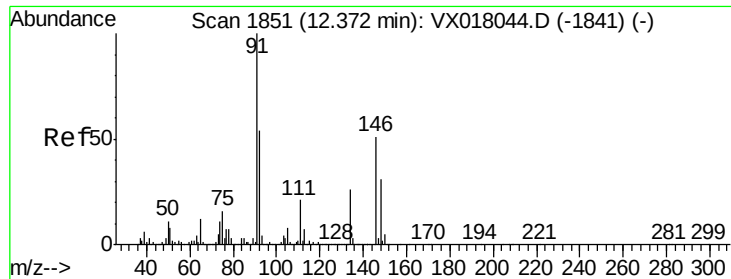
Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Tgt Ion:	146	Resp:	314219
Ion Ratio	Lower	Upper	
146	100		
111	42.0	20.3	60.8
148	62.6	33.1	99.2





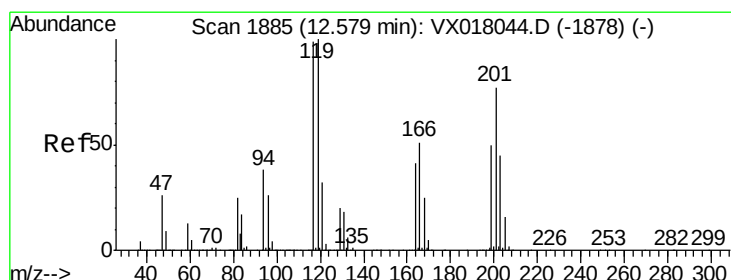
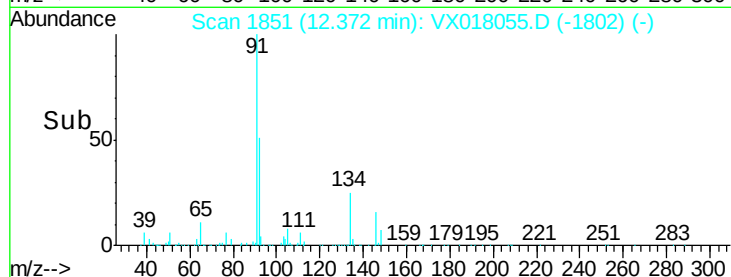
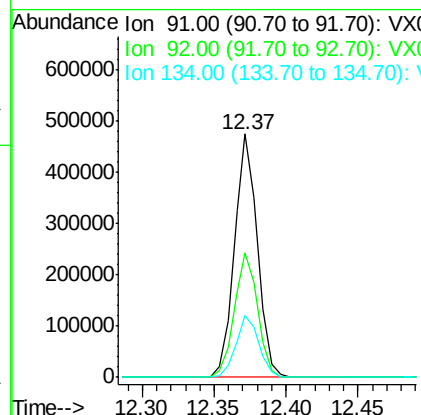
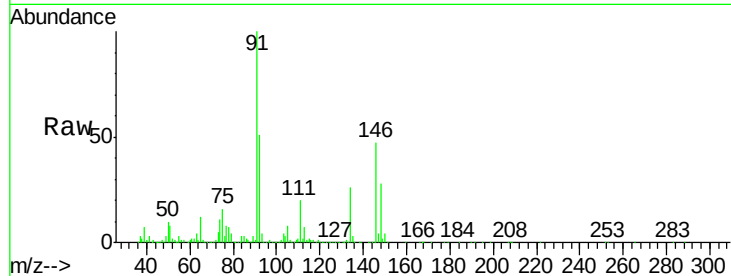
#89
n-Butylbenzene
Concen: 21.039 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.4	79.2
134	25.5	12.9	38.7

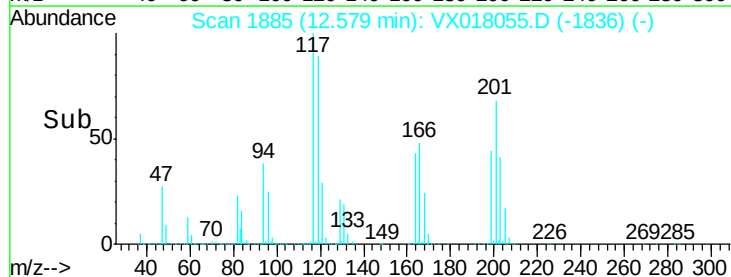
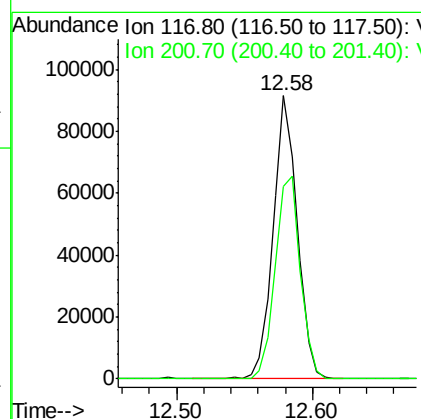
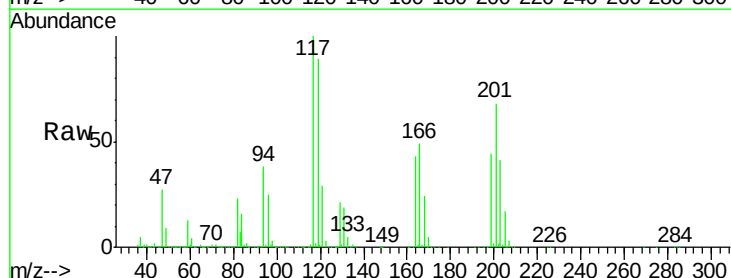
Manual Integrations
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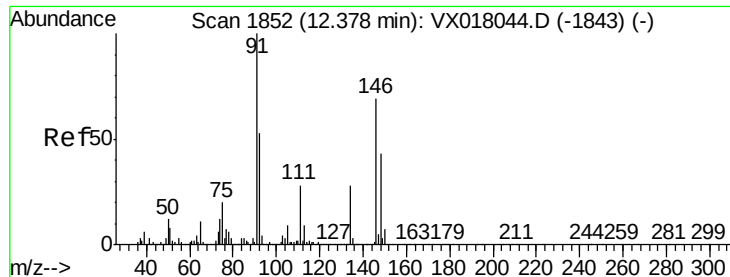
sam
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#90
Hexachloroethane
Concen: 20.719 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.4	38.5	115.3





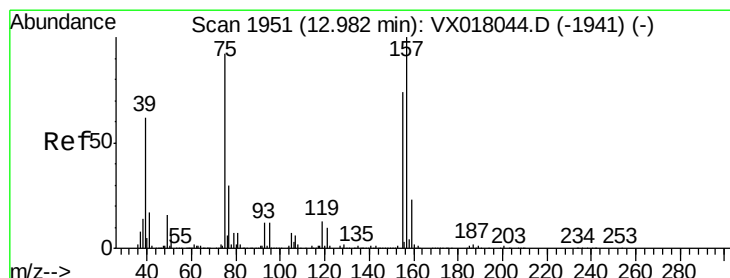
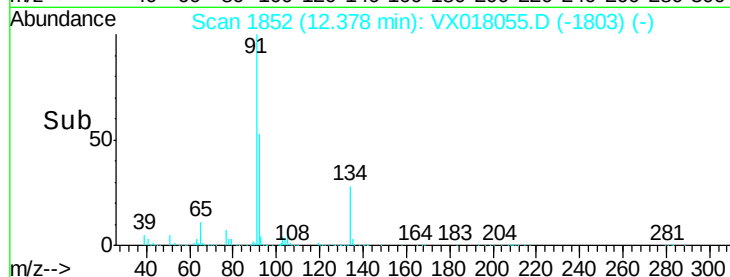
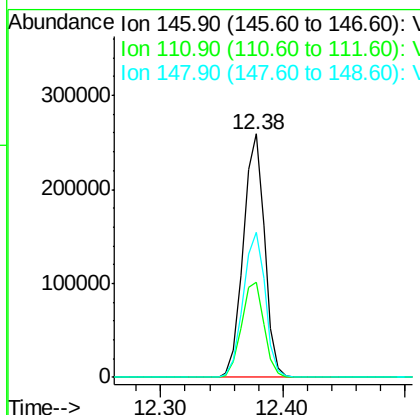
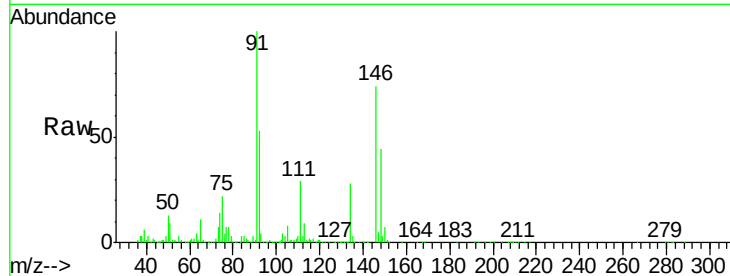
#91
 1,2-Dichlorobenzene
 Concen: 20.898 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	311551		
111	41.3	20.8	62.5	
148	61.7	31.6	95.0	

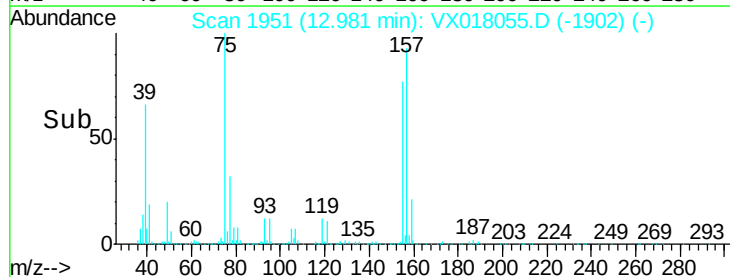
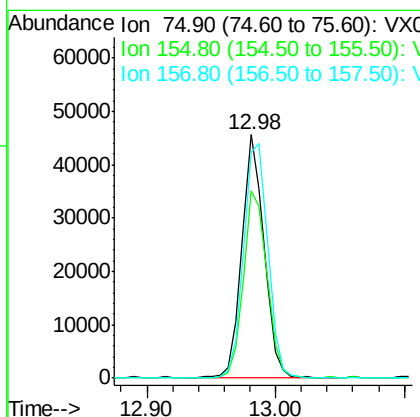
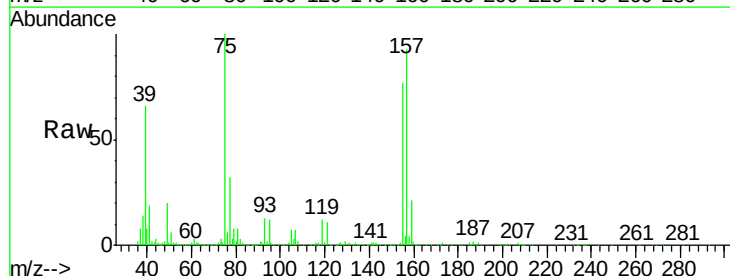
Manual Integrations
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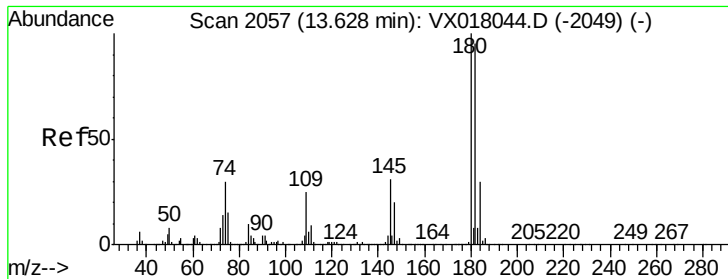
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.929 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	54485		
155	80.9	40.2	120.6	
157	104.9	55.0	165.2	





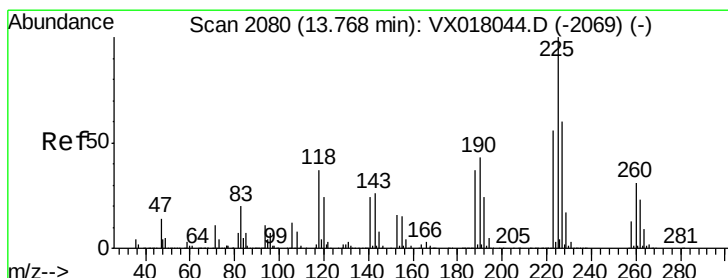
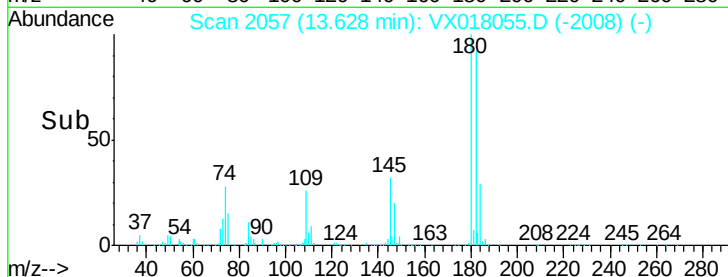
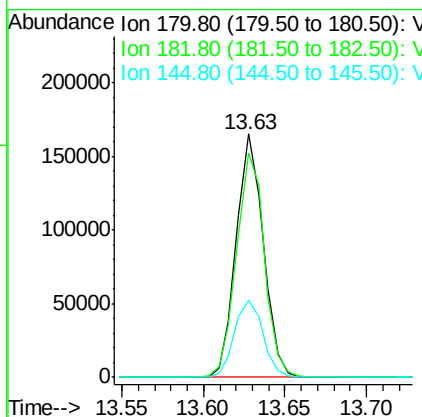
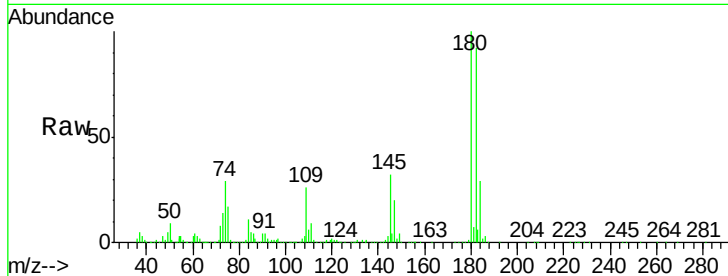
#93
 1,2,4-Trichlorobenzene
 Concen: 19.317 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	192042		
182	95.0	47.5	142.6	
145	33.4	15.7	47.1	

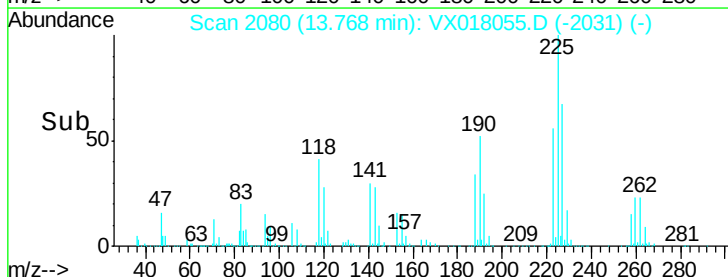
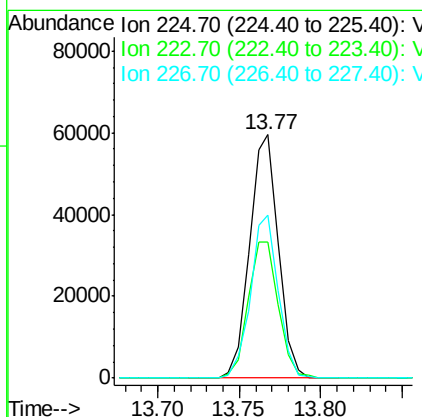
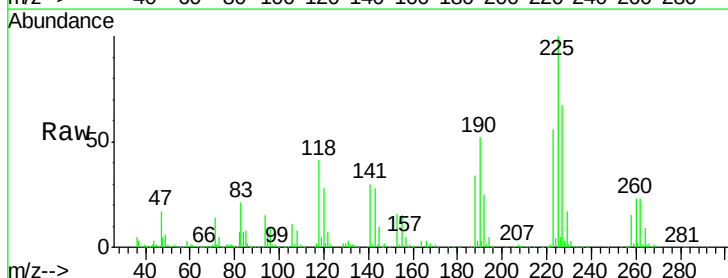
Manual Integrations
 APPROVED

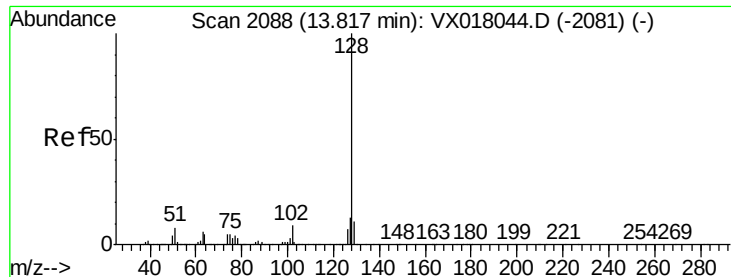
sam
 8/24/2020 5:49:48 PM



#94
 Hexachlorobutadiene
 Concen: 18.634 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73069		
223	59.0	30.7	92.1	
227	64.8	32.6	97.8	





#95

Naphthalene

Concen: 19.631 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

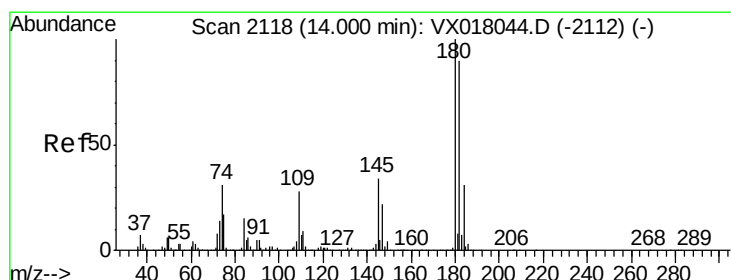
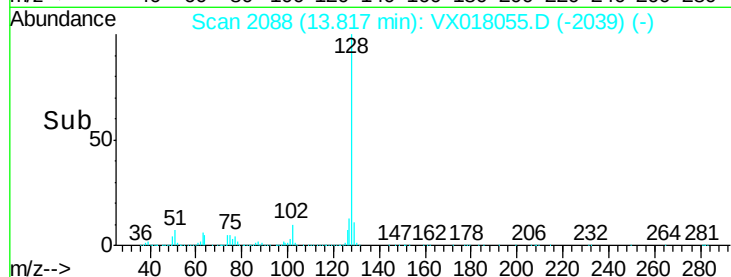
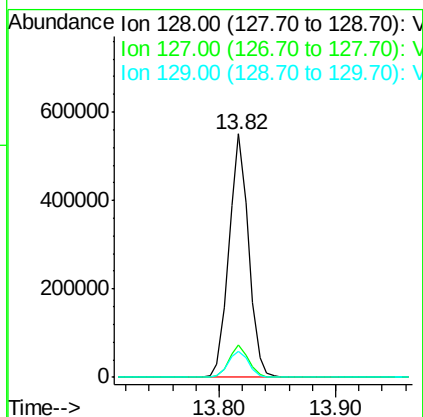
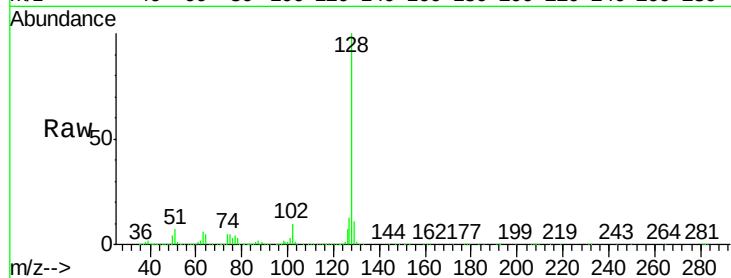
ClientSampleId :

VX0821WBSD02

Tot Ion:	128	Resp:	642280
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.2
129	11.3	8.7	13.1

Manual Integrations
APPROVED

sam
8/24/2020 5:49:48 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.748 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Tgt Ion:	180	Resp:	193990
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.3	142.0
145	33.1	17.5	52.6

