

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\
 Data File : VX018597.D
 Acq On : 25 Sep 2020 15:57
 Operator : JC/SP
 Sample : VX0925WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 12:50:12 PM

Quant Time: Sep 28 02:37:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	516934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	799325	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	750188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	397782	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	378821	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	5.47	113	290934	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	8.70	98	1013689	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.12	95	388081	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	105869	21.602	ug/l	97
3) Chloromethane	1.31	50	104264	18.172	ug/l	97
4) Vinyl Chloride	1.39	62	117807	19.394	ug/l	97
5) Bromomethane	1.64	94	65382	17.537	ug/l	90
6) Chloroethane	1.72	64	79409	22.842	ug/l	95
7) Trichlorofluoromethane	1.92	101	207192	22.453	ug/l	97
8) Diethyl Ether	2.17	74	68387	21.122	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105519	21.244	ug/l	98
10) Methyl Iodide	2.50	142	106751	20.577	ug/l	94
11) Tert butyl alcohol	3.04	59	126132	99.129	ug/l	99
12) 1,1-Dichloroethene	2.36	96	103364	20.647	ug/l	93
13) Acrolein	2.28	56	51980	64.518	ug/l	98
14) Allyl chloride	2.71	41	186821	19.258	ug/l	94
15) Acrylonitrile	3.12	53	305115	100.499	ug/l	99
16) Acetone	2.43	43	288513	103.162	ug/l	96
17) Carbon Disulfide	2.56	76	293767	19.649	ug/l	100
18) Methyl Acetate	2.75	43	149911	21.634	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	391569	22.282	ug/l	97
20) Methylene Chloride	2.84	84	121951	19.763	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	116745	20.066	ug/l	98
22) Diisopropyl ether	3.82	45	381129	20.901	ug/l	98
23) Vinyl Acetate	3.79	43	1698394	105.109	ug/l	100
24) 1,1-Dichloroethane	3.67	63	220577	20.975	ug/l	96
25) 2-Butanone	4.64	43	430396	98.823	ug/l	98
26) 2,2-Dichloropropane	4.56	77	203306	20.923	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	131230	20.124	ug/l	99
28) Bromochloromethane	4.98	49	110908	22.537	ug/l	96
29) Tetrahydrofuran	5.10	42	269987	98.355	ug/l	98
30) Chloroform	5.18	83	232203	21.762	ug/l	96
31) Cyclohexane	5.55	56	168257	19.013	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	214600	21.438	ug/l	99
36) 1,1-Dichloropropene	5.77	75	160228	20.652	ug/l	98
37) Ethyl Acetate	4.80	43	172032	20.765	ug/l	99
38) Carbon Tetrachloride	5.76	117	193344	22.502	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	174930	20.069	ug/l	97
40) Benzene	6.12	78	460955	20.732	ug/l	97
41) Methacrylonitrile	5.01	41	95533	20.752	ug/l	97
42) 1,2-Dichloroethane	6.17	62	198968	23.002	ug/l	100
43) Isopropyl Acetate	6.42	43	287370	20.903	ug/l	99
44) Trichloroethene	7.19	130	135086	20.988	ug/l	99
45) 1,2-Dichloropropane	7.49	63	126880	20.791	ug/l	99
46) Dibromomethane	7.64	93	91363	21.791	ug/l	98
47) Bromodichloromethane	7.88	83	191876	22.708	ug/l	95
48) Methyl methacrylate	7.75	41	141276	21.112	ug/l	96
49) 1,4-Dioxane	7.76	88	34491	311.942	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	895455	109.392	ug/l	98
52) Toluene	8.77	92	303730	21.708	ug/l	95
53) t-1,3-Dichloropropene	9.02	75	210331	21.906	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	218541	22.094	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	126962	21.869	ug/l	99
56) Ethyl methacrylate	9.16	69	186720	21.690	ug/l	98
57) 1,3-Dichloropropane	9.35	76	207451	21.268	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	486653	106.330	ug/l	99
59) 2-Hexanone	9.48	43	662691	106.437	ug/l	99
60) Dibromochloromethane	9.57	129	155563	22.471	ug/l	99
61) 1,2-Dibromoethane	9.65	107	133914	21.679	ug/l	97
64) Tetrachloroethene	9.32	164	121161	20.514	ug/l	97
65) Chlorobenzene	10.12	112	328526	21.267	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	136024	21.951	ug/l	98
67) Ethyl Benzene	10.24	91	570378	21.332	ug/l	96
68) m/p-Xylenes	10.34	106	435989	43.106	ug/l	100
69) o-Xylene	10.68	106	205608	21.467	ug/l	100
70) Styrene	10.70	104	356357	21.548	ug/l	98
71) Bromoform	10.84	173	112352	21.594	ug/l #	93
73) Isopropylbenzene	11.00	105	564055	21.226	ug/l	99
74) N-amyl acetate	10.88	43	244479	20.436	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	189164	21.506	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	170189m	20.360	ug/l	
77) Bromobenzene	11.24	156	153263	20.903	ug/l	98
78) n-propylbenzene	11.34	91	645756	20.761	ug/l	100
79) 2-Chlorotoluene	11.40	91	384886	20.442	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	491566	21.630	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	57892	17.747	ug/l	89
82) 4-Chlorotoluene	11.49	91	475345	21.239	ug/l	100
83) tert-Butylbenzene	11.76	119	477252	21.629	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	495195	21.637	ug/l	98
85) sec-Butylbenzene	11.93	105	536286	20.599	ug/l	98
86) p-Isopropyltoluene	12.05	119	510767	21.347	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	278733	21.143	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	270107	20.207	ug/l	97
89) n-Butylbenzene	12.37	91	451183	20.369	ug/l	99
90) Hexachloroethane	12.58	117	93319	19.536	ug/l	87
91) 1,2-Dichlorobenzene	12.38	146	270982	21.962	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47217	22.113	ug/l	98

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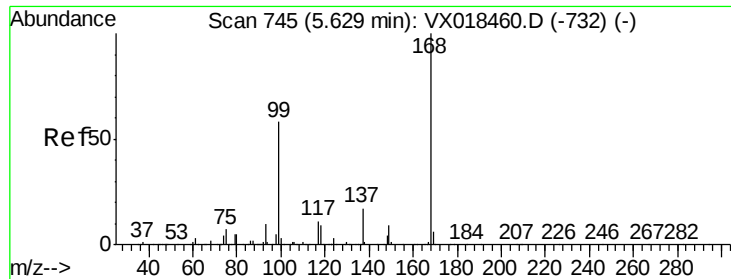
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	181476	21.132	ug/l	97
94) Hexachlorobutadiene	13.77	225	80948	22.463	ug/l	96
95) Naphthalene	13.82	128	554300	21.373	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	172756	21.050	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS02

Tot Ion:168 Resp: 516934

Ion Ratio Lower Upper

168 100

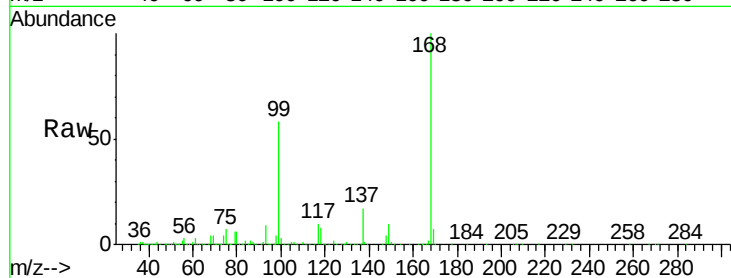
99 57.4 46.5 69.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

150000

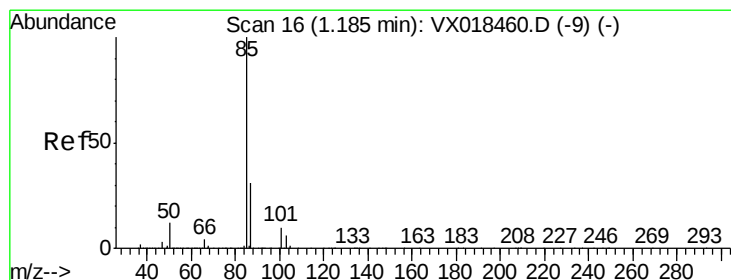
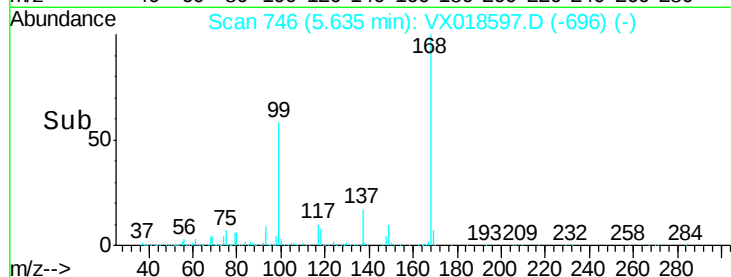
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.602 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018597.D

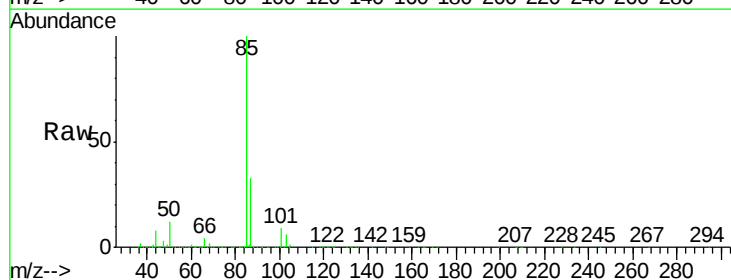
Acq: 25 Sep 2020 15:57

Tgt Ion: 85 Resp: 105869

Ion Ratio Lower Upper

85 100

87 33.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

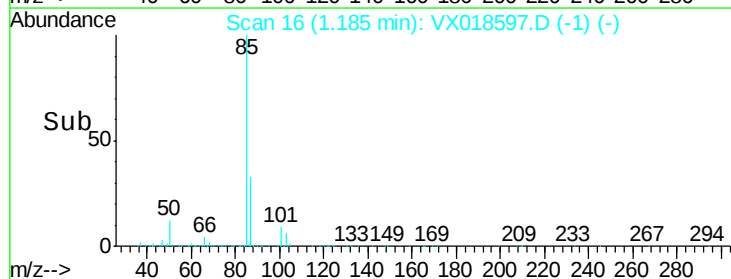
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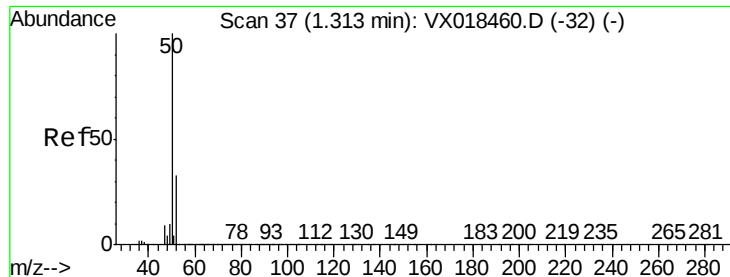
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.172 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS02

Tot Ion: 50 Resp: 104264

Ion Ratio Lower Upper

50 100

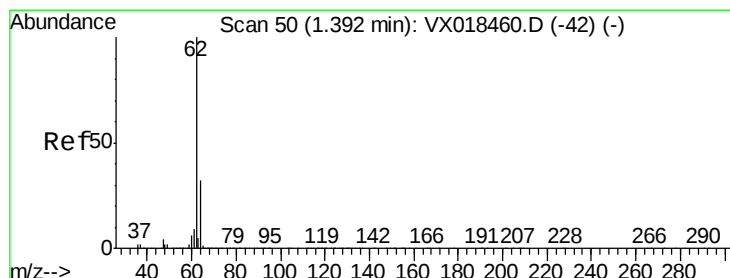
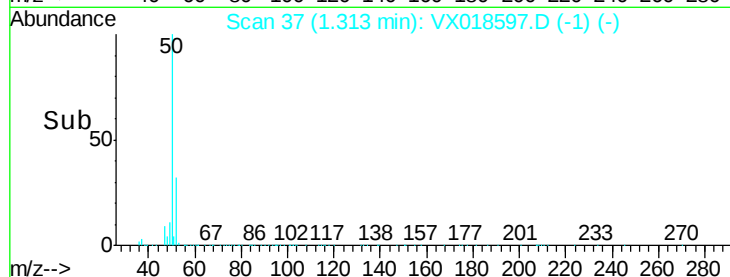
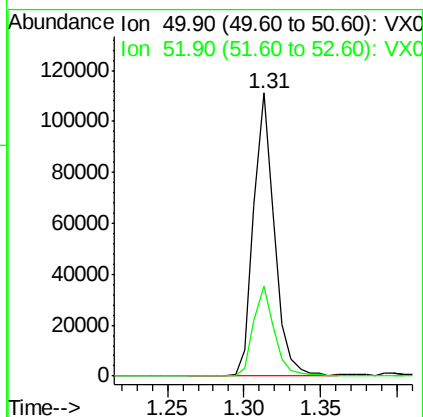
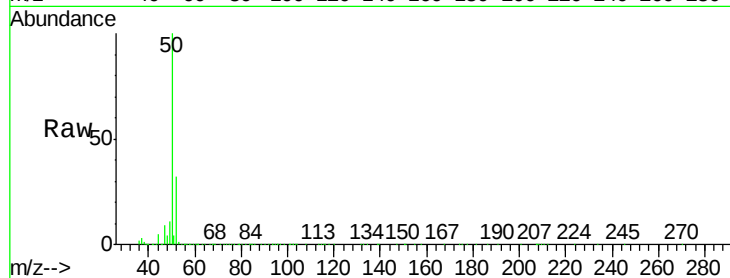
52 31.4 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.394 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018597.D

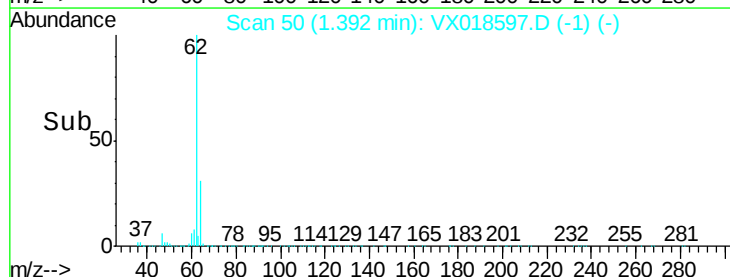
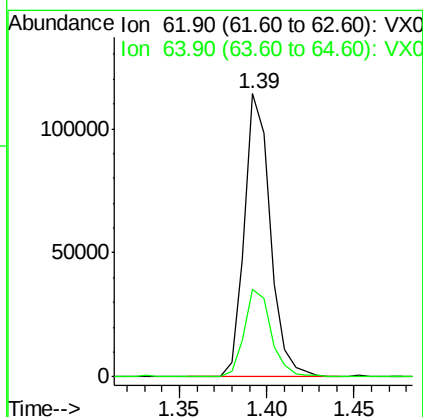
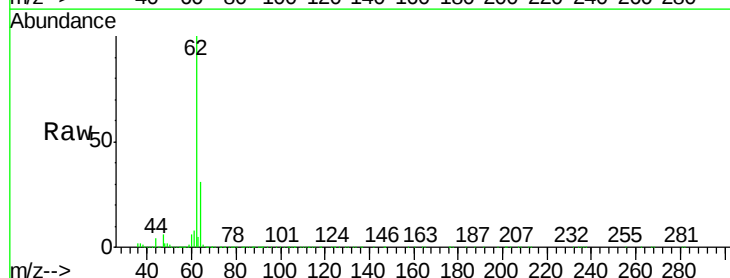
Acq: 25 Sep 2020 15:57

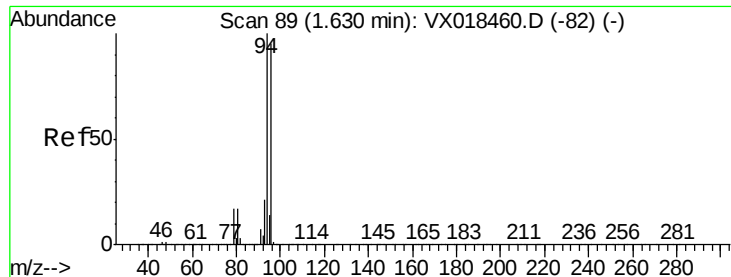
Tgt Ion: 62 Resp: 117807

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5





#5

Bromomethane

Concen: 17.537 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS02

Tot Ion: 94 Resp: 65382

Ion Ratio Lower Upper

94 100

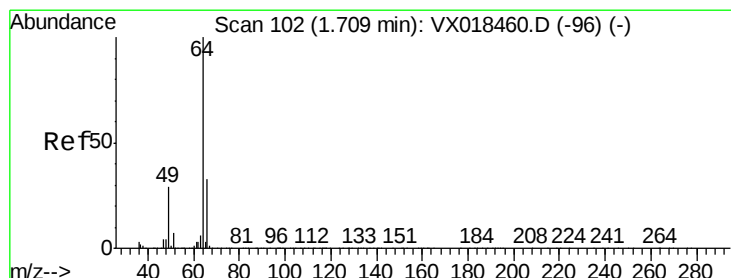
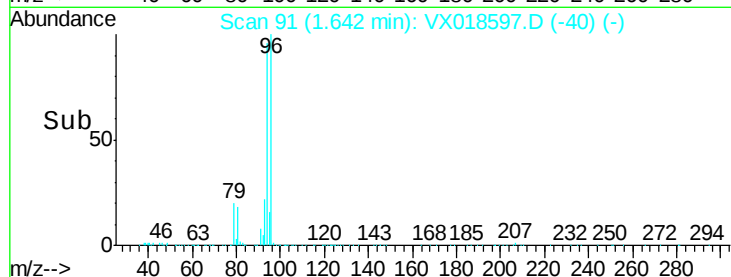
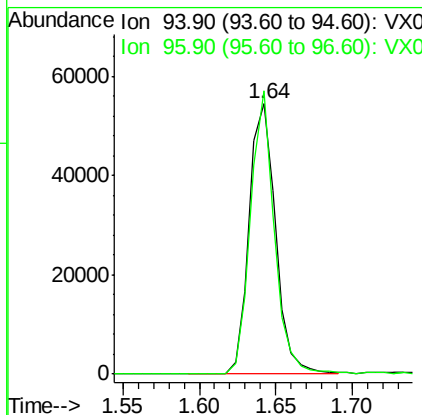
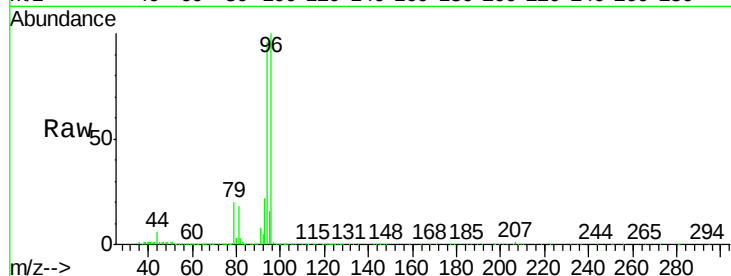
96 104.6 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 22.842 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018597.D

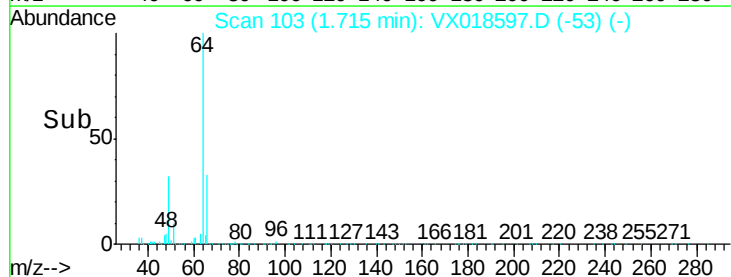
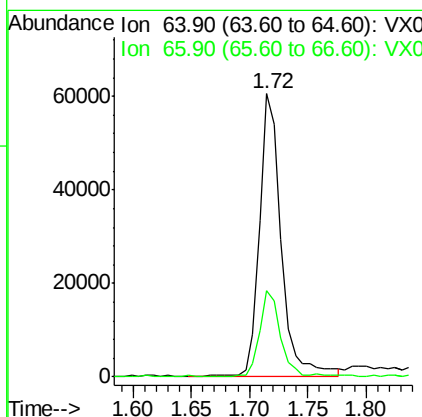
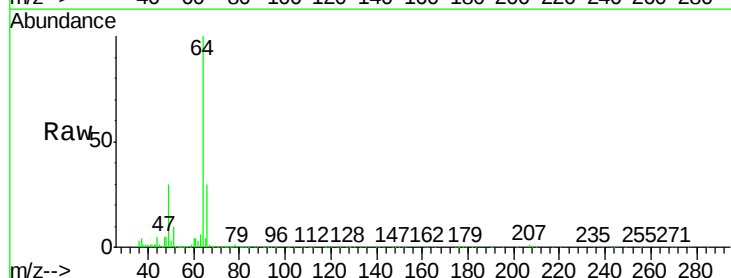
Acq: 25 Sep 2020 15:57

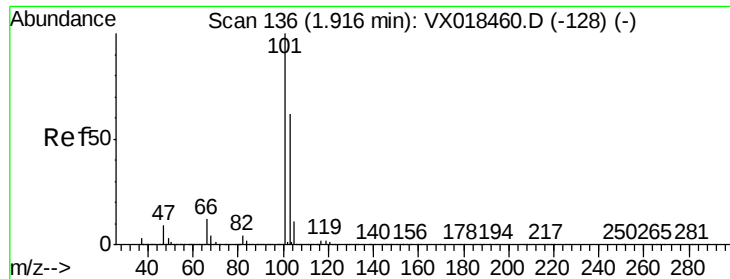
Tgt Ion: 64 Resp: 79409

Ion Ratio Lower Upper

64 100

66 29.7 26.2 39.4





#7

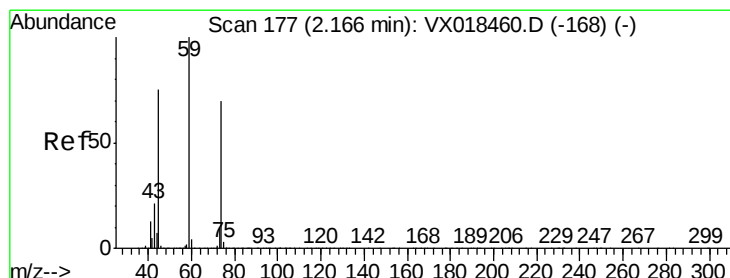
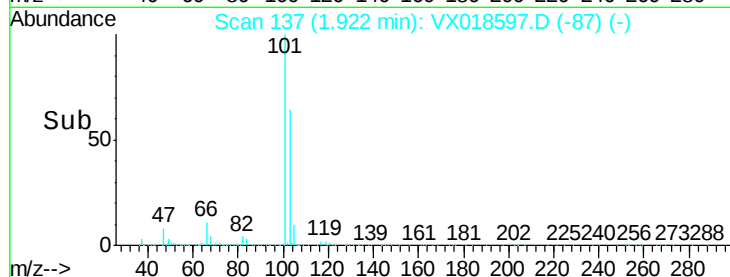
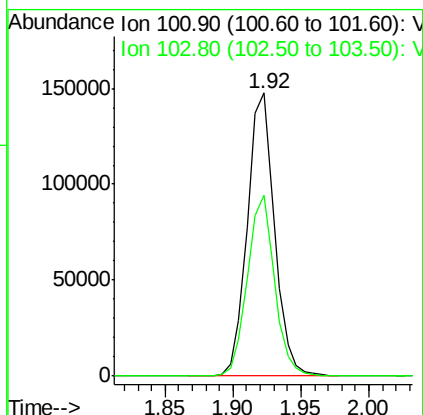
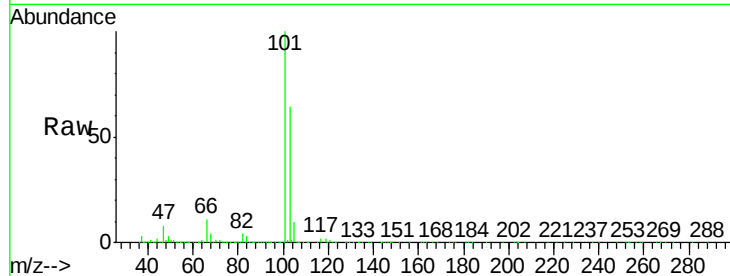
Trichlorofluoromethane
Concen: 22.453 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
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ClientSampleId :
VX0925WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	49.6	74.4

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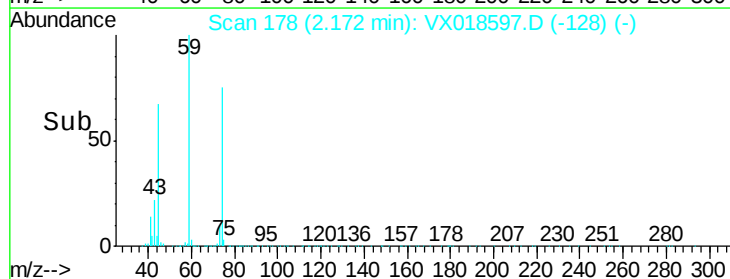
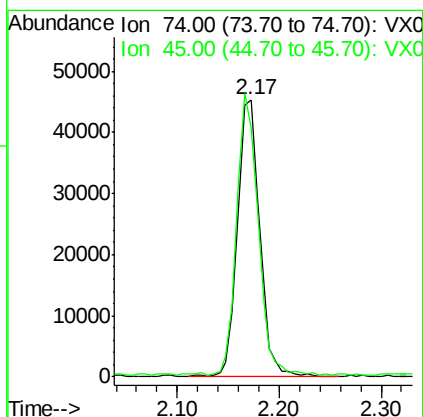
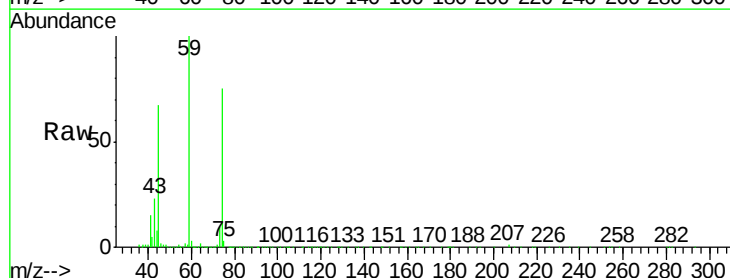
MMDadoda
9/28/2020 12:50:12 PM

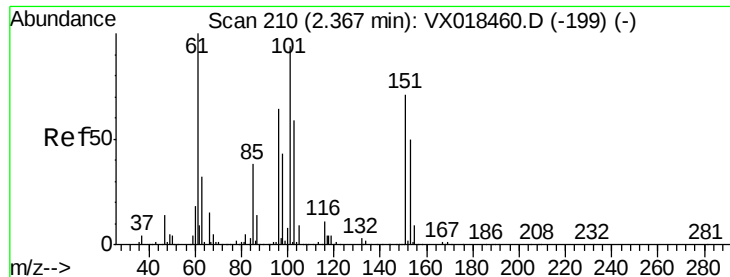


#8

Diethyl Ether
Concen: 21.122 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.2	50.7	152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.244 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

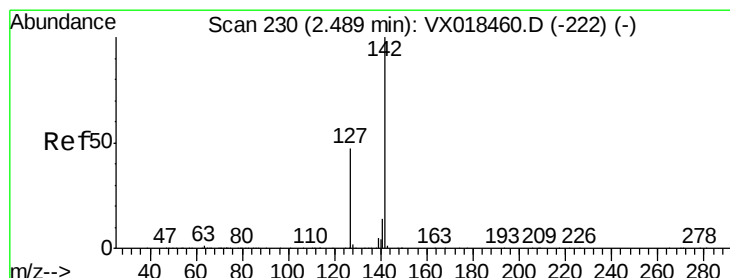
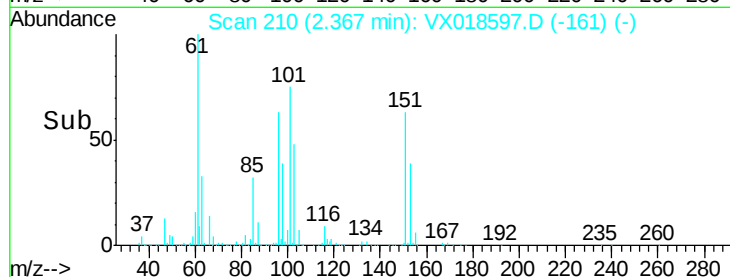
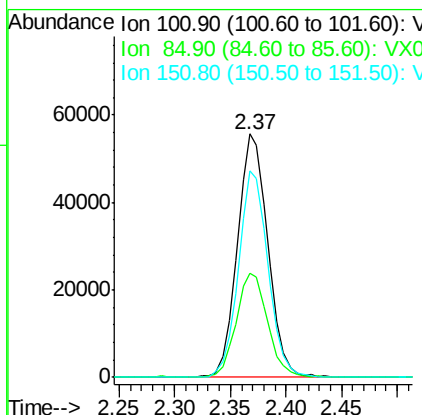
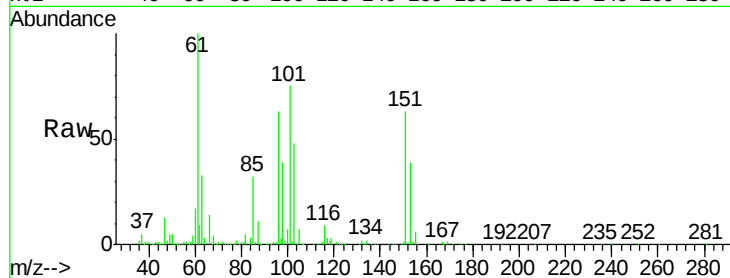
ClientSampleId :

VX0925WBS02

Tot Ion:	101	Resp:	105519
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.7	52.1
151	82.7	64.9	97.3

Manual Integrations
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#10

Methyl Iodide

Concen: 20.577 ug/l

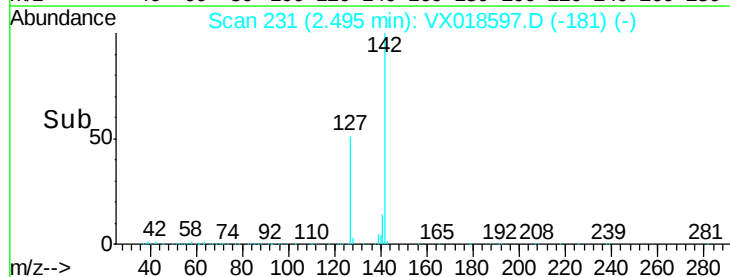
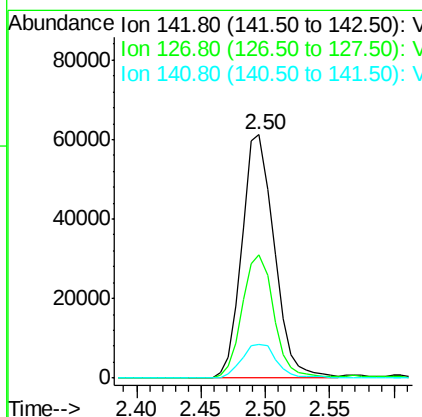
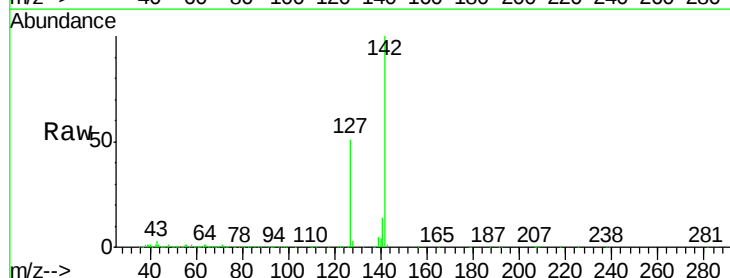
RT: 2.50 min Scan# 231

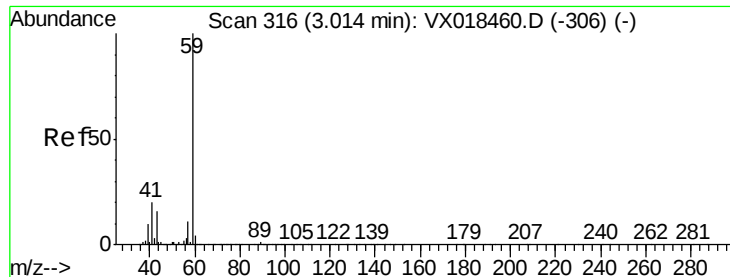
Delta R.T. 0.01 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Tgt Ion:	142	Resp:	106751
Ion Ratio	Lower	Upper	
142	100		
127	49.8	36.0	54.0
141	15.0	11.9	17.9





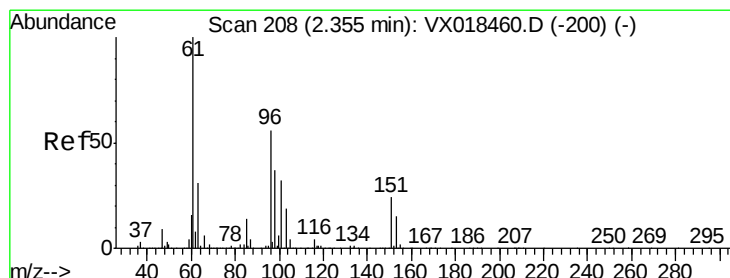
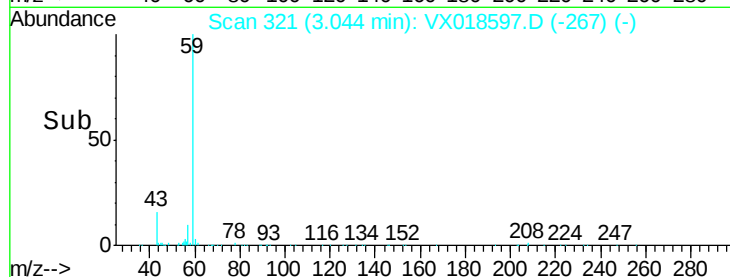
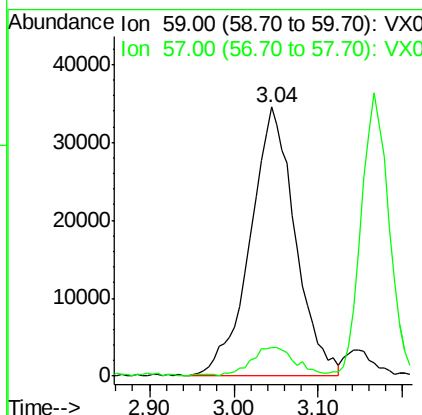
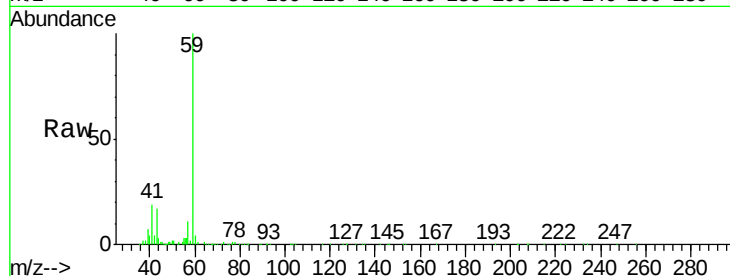
#11
Tert butyl alcohol
Concen: 99.129 ug/l
RT: 3.04 min Scan# 321
Delta R.T. 0.03 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tot Ion	Ratio	Resp	Lower	Upper
59	100	126132		
57	9.9		8.2	12.4

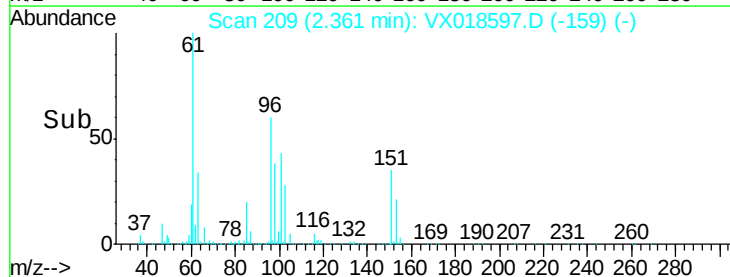
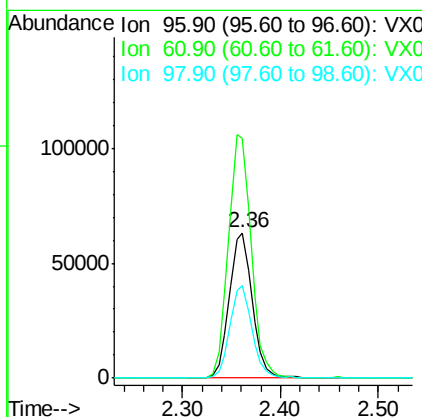
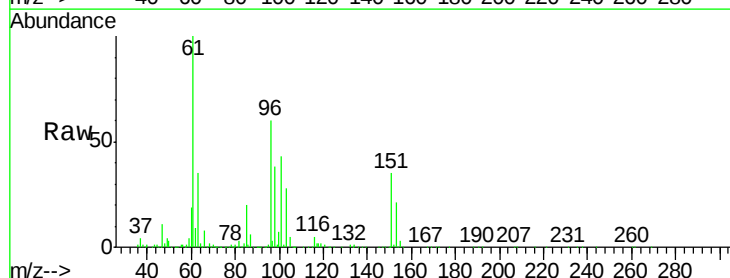
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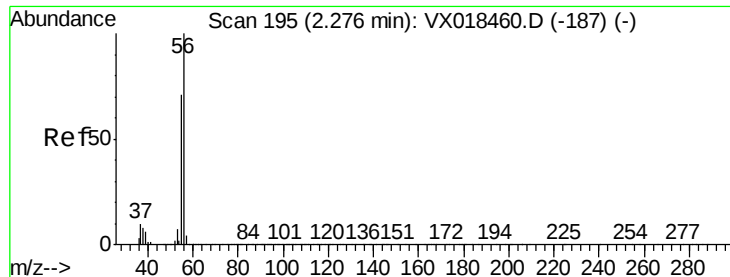
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#12
1,1-Dichloroethene
Concen: 20.647 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	103364		
61	165.4		142.2	213.4
98	63.6		52.4	78.6





#13

Acrolein

Concen: 64.518 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS02

Tot Ion: 56 Resp: 51980

Ion Ratio Lower Upper

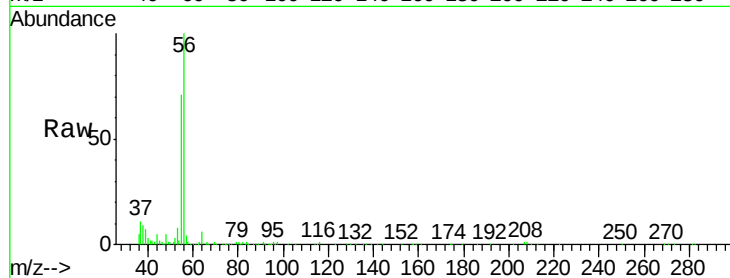
56 100

55 71.2 58.2 87.4

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

30000

25000

20000

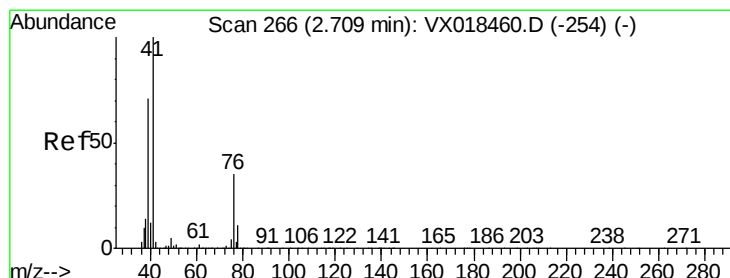
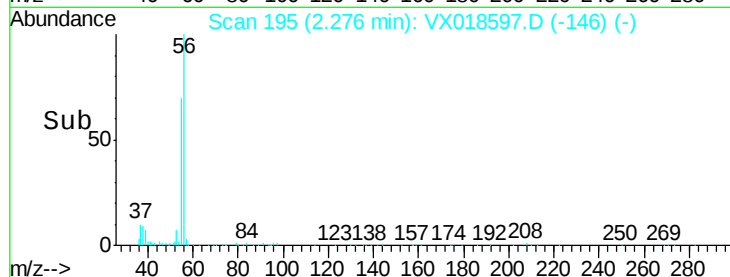
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 19.258 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

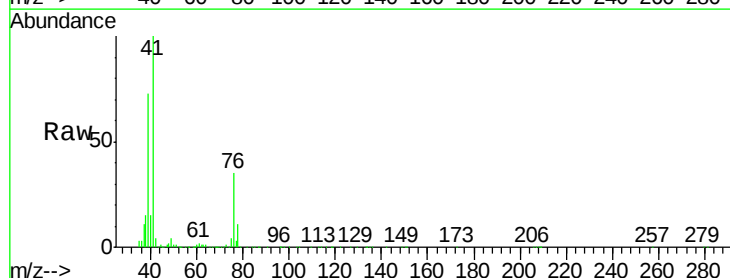
Tgt Ion: 41 Resp: 186821

Ion Ratio Lower Upper

41 100

39 69.8 51.1 76.7

76 34.1 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

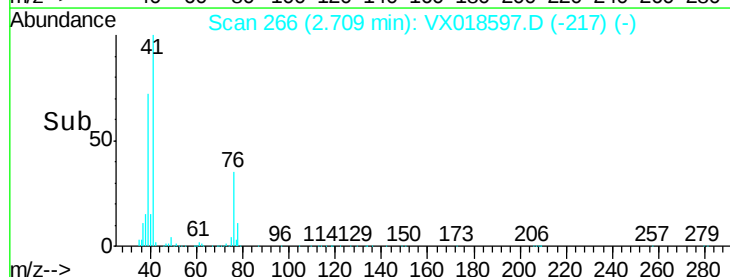
2.71

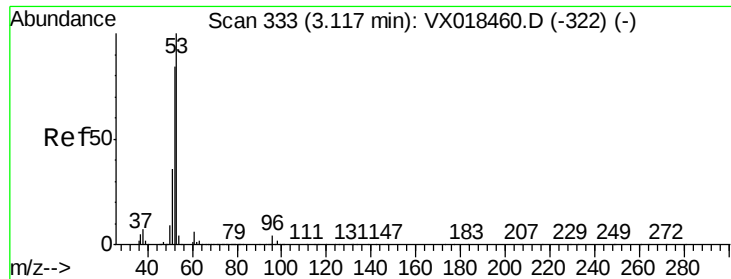
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 100.499 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

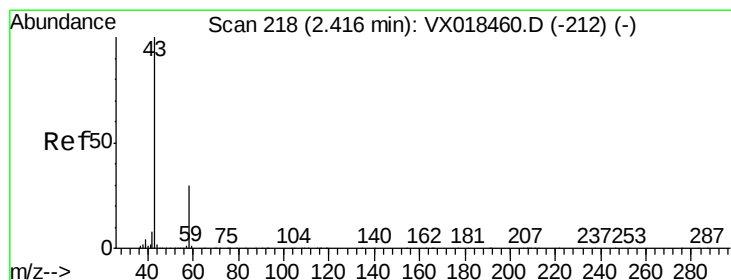
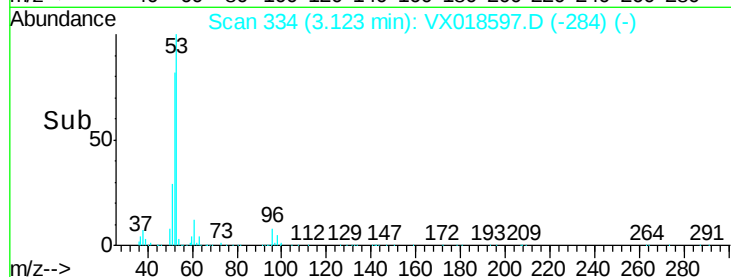
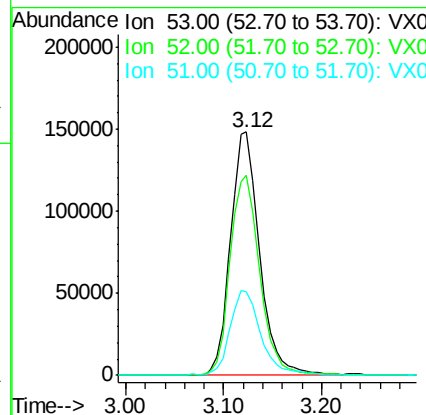
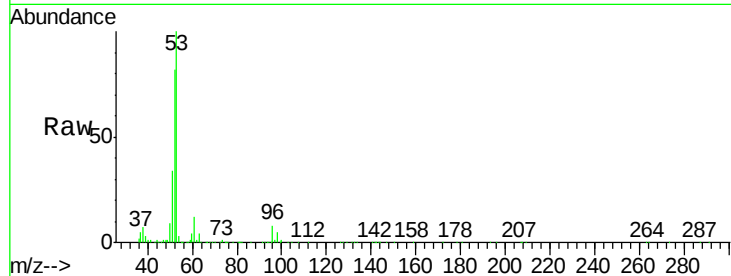
ClientSampleId :

VX0925WBS02

Tot Ion:	53	Resp:	305115
Ion Ratio		Lower	Upper
53	100		
52	83.7	65.8	98.8
51	36.3	29.2	43.8

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#16

Acetone

Concen: 103.162 ug/l

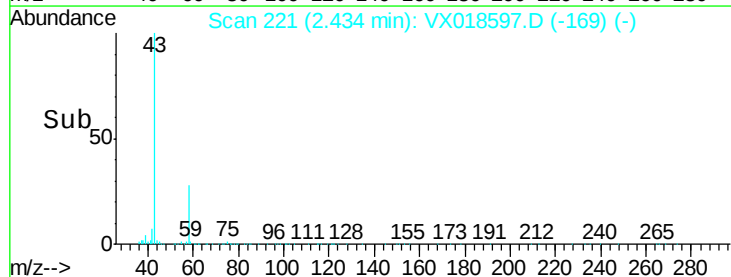
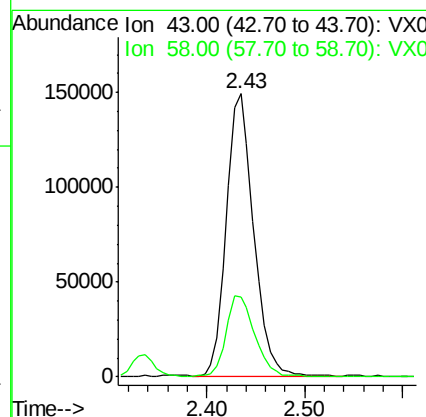
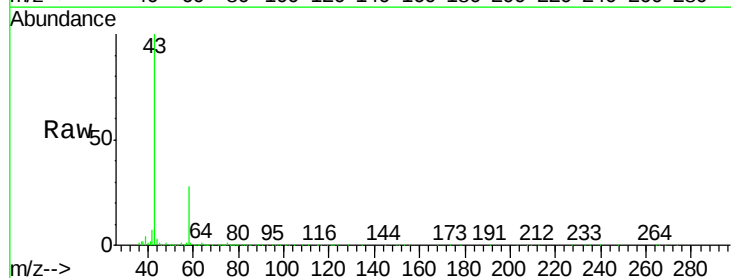
RT: 2.43 min Scan# 221

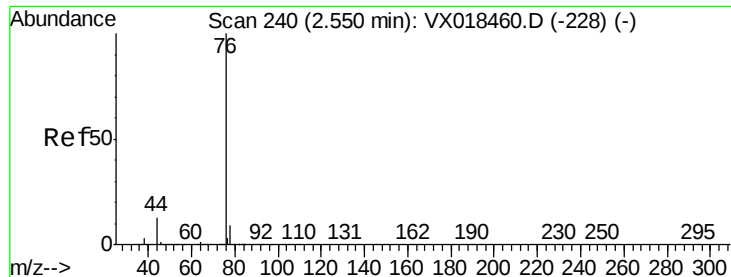
Delta R.T. 0.02 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Tgt Ion:	43	Resp:	288513
Ion Ratio		Lower	Upper
43	100		
58	27.9	24.0	36.0





#17

Carbon Disulfide

Concen: 19.649 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS02

Tot Ion: 76 Resp: 293767

Ion Ratio Lower Upper

76 100

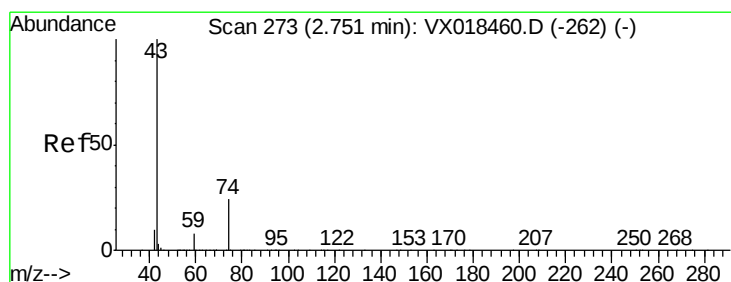
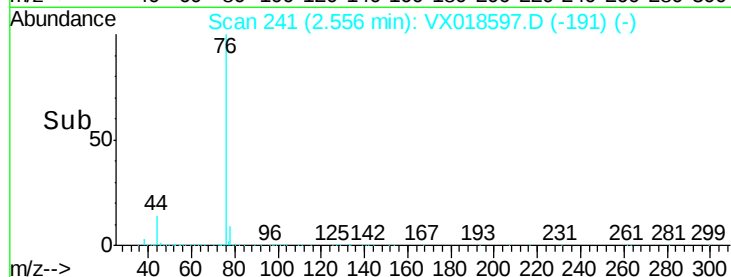
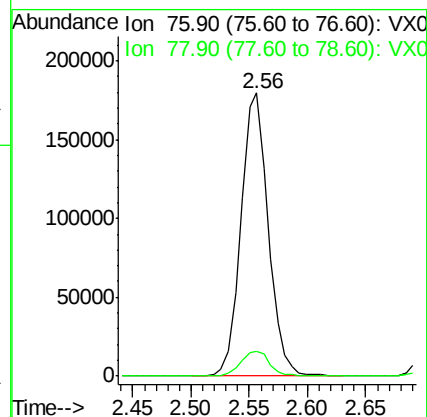
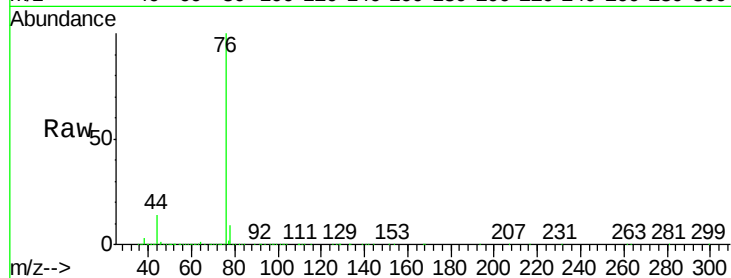
78 8.8 7.0 10.4

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#18

Methyl Acetate

Concen: 21.634 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018597.D

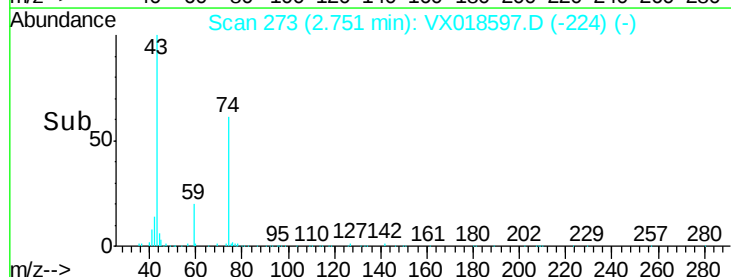
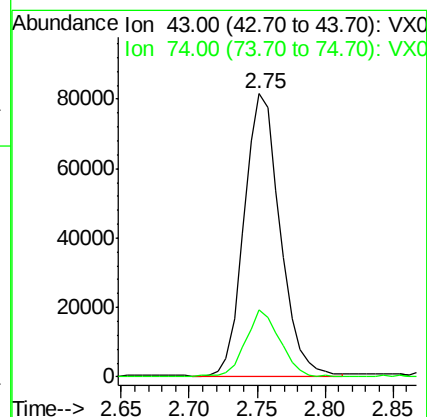
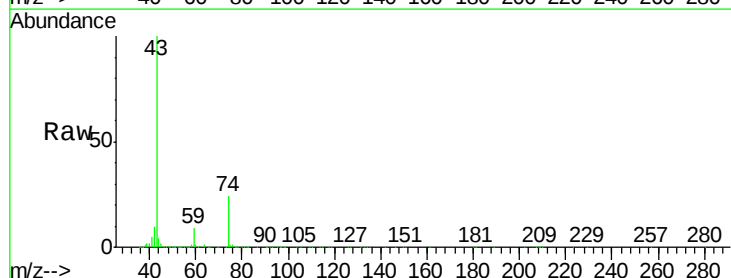
Acq: 25 Sep 2020 15:57

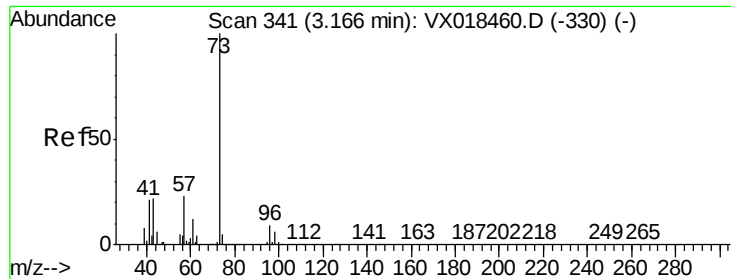
Tgt Ion: 43 Resp: 149911

Ion Ratio Lower Upper

43 100

74 23.2 18.3 27.5





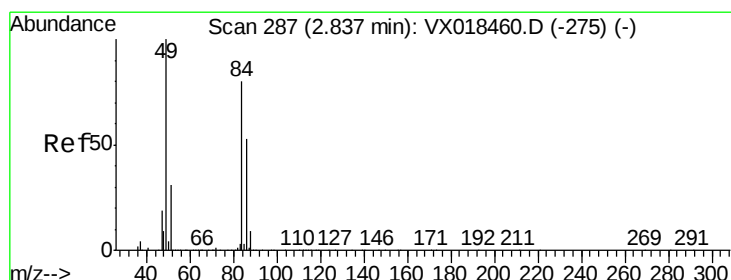
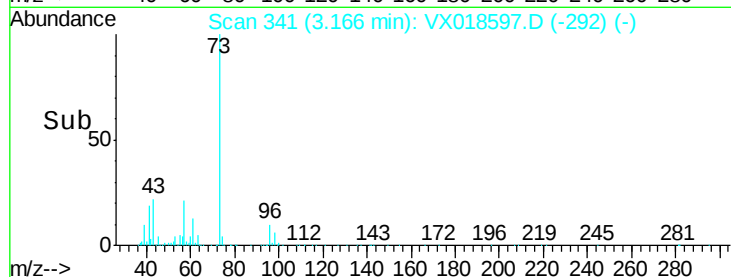
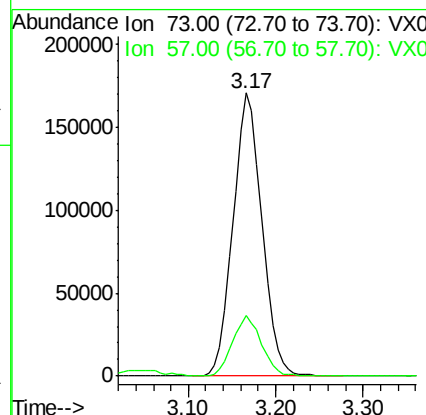
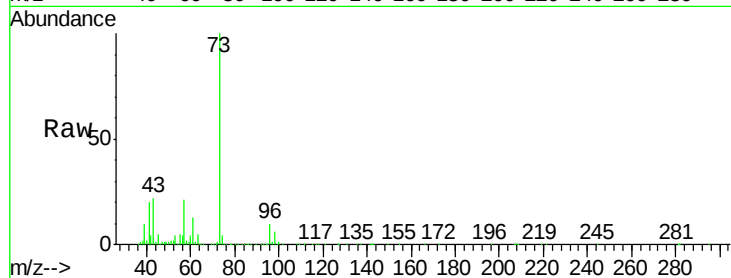
#19
Methvl tert-butvl Ether
Concen: 22.282 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	18.0	27.0

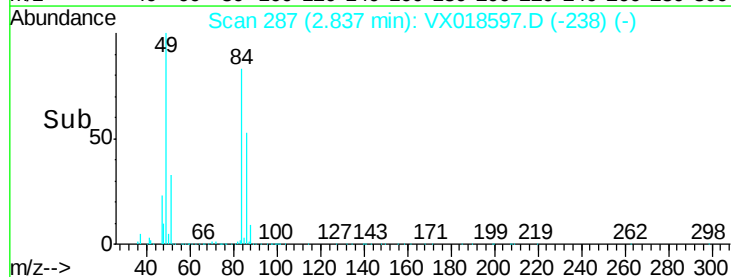
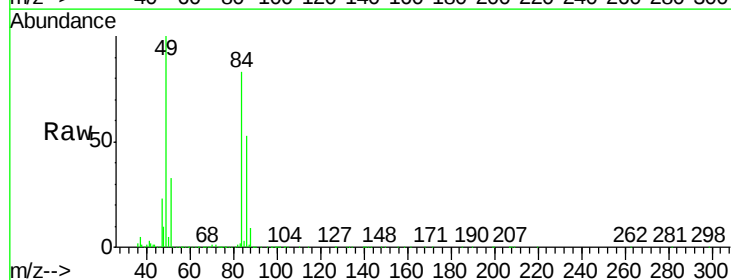
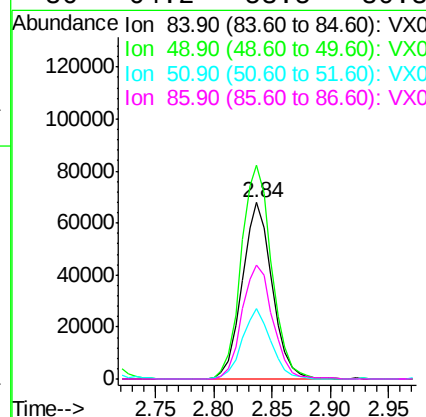
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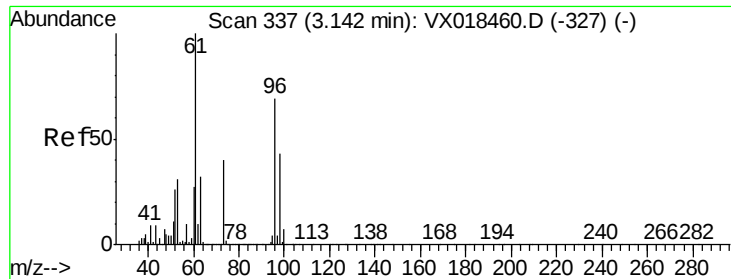
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#20
Methylene Chloride
Concen: 19.763 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.7	100.6	151.0
51	39.3	30.9	46.3
86	64.2	53.5	80.3





#21

trans-1,2-Dichloroethene

Concen: 20.066 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS02

Tot Ion: 96 Resp: 116745

Ion Ratio Lower Upper

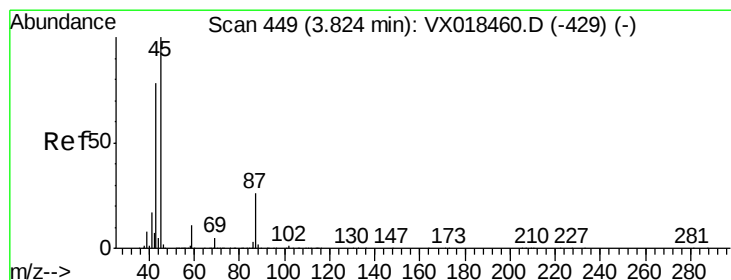
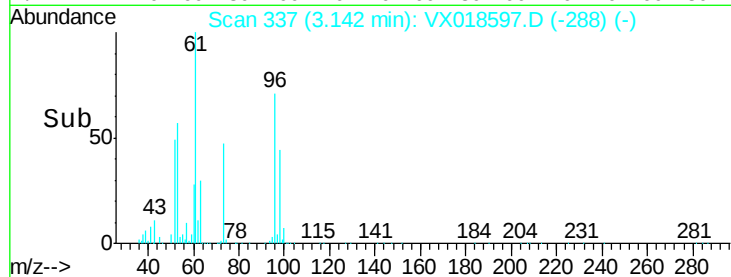
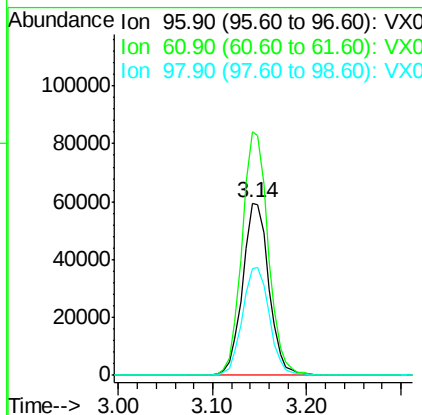
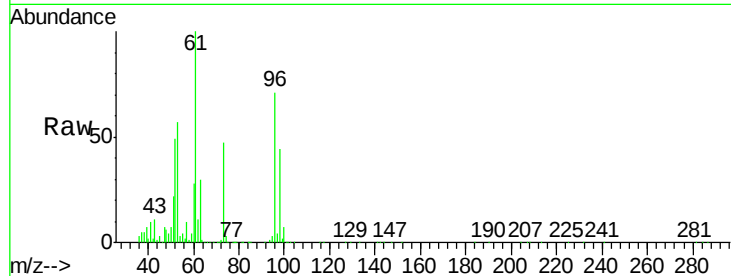
96 100

61 141.4 115.6 173.4

98 62.1 50.2 75.4

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#22

Diisopropyl ether

Concen: 20.901 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Tgt Ion: 45 Resp: 381129

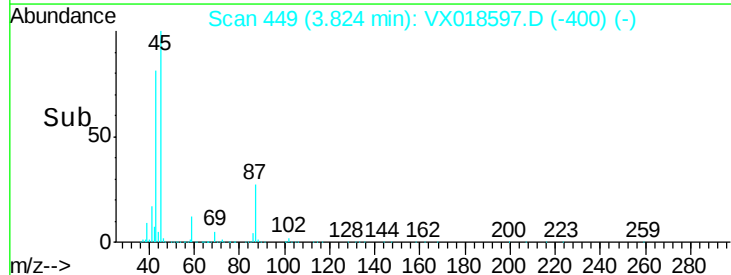
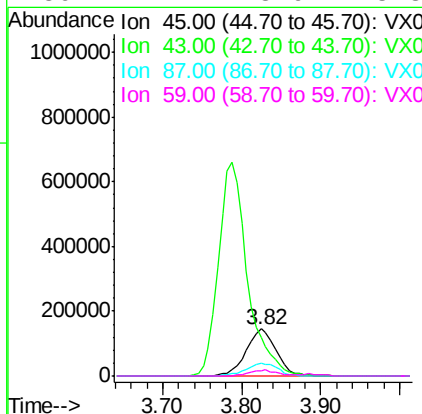
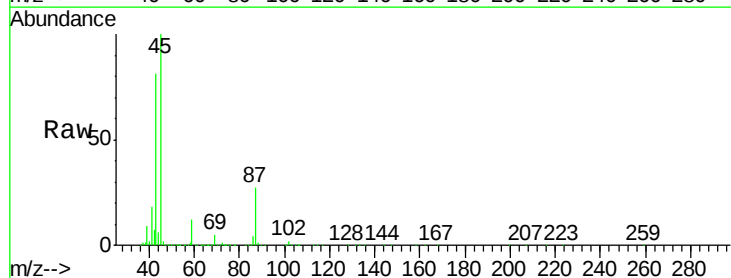
Ion Ratio Lower Upper

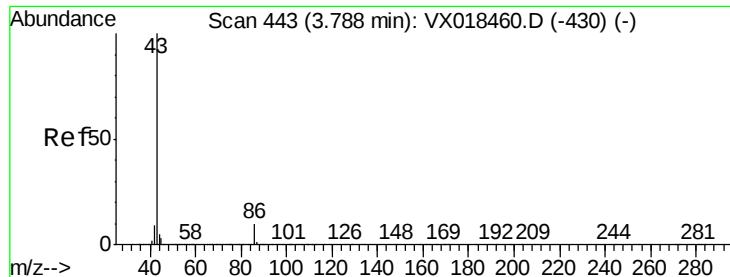
45 100

43 80.5 62.4 93.6

87 26.5 21.2 31.8

59 12.2 8.9 13.3





#23

Vinyl Acetate

Concen: 105.109 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Tot Ion: 43 Resp: 1698394

Ion Ratio Lower Upper

43 100

86 10.0 8.1 12.1

Instrument :

MSVOA_X

ClientSampled :

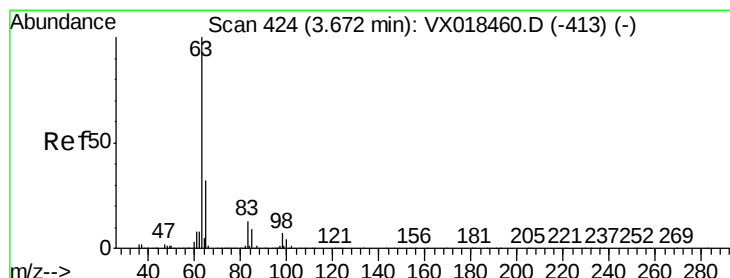
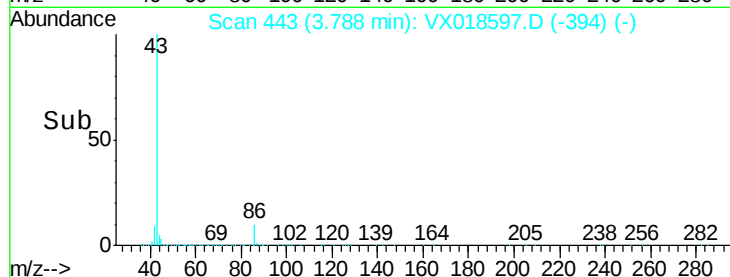
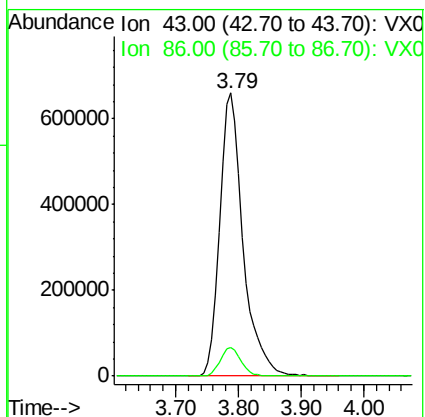
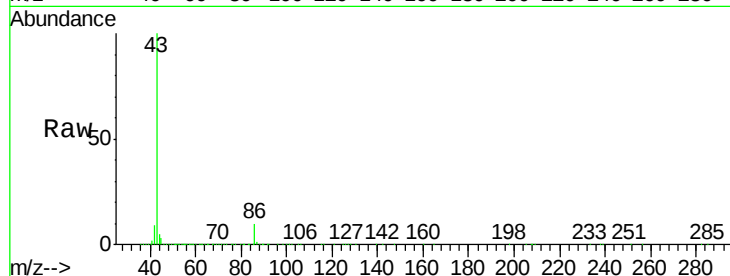
VX0925WBS02

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#24

1,1-Dichloroethane

Concen: 20.975 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

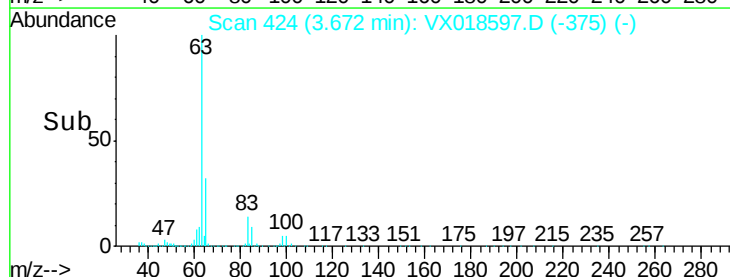
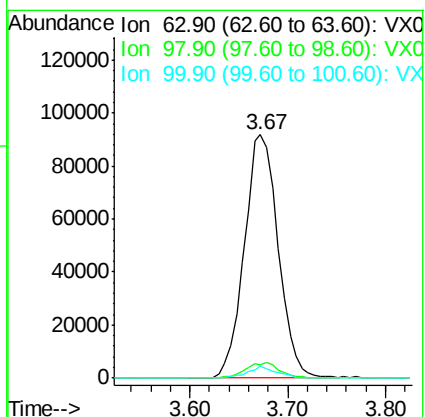
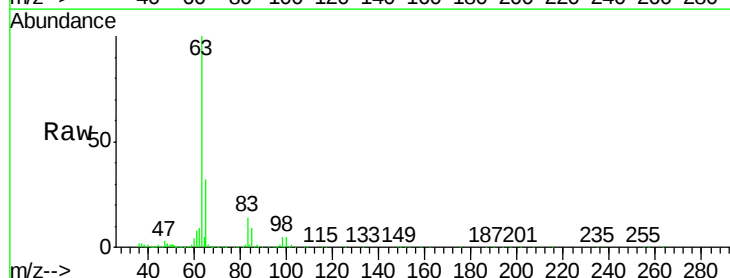
Tgt Ion: 63 Resp: 220577

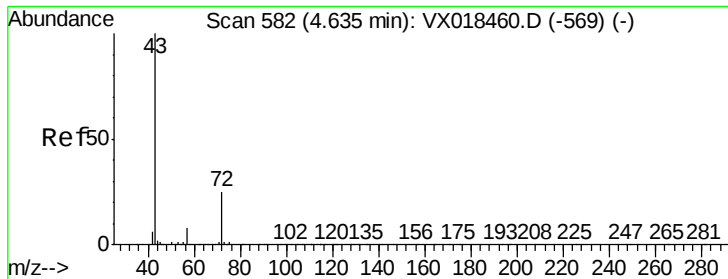
Ion Ratio Lower Upper

63 100

98 5.3 3.5 10.6

100 4.7 1.9 5.7





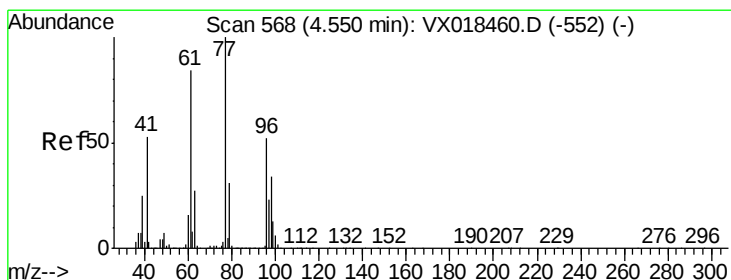
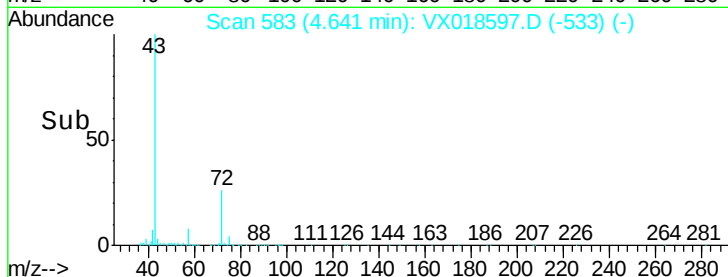
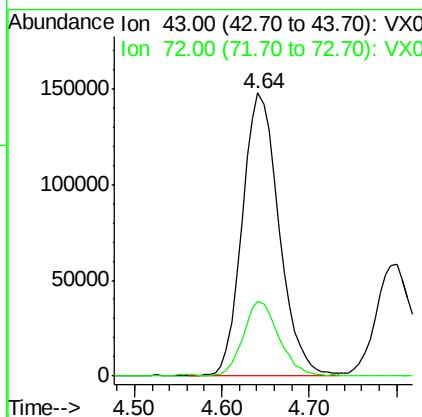
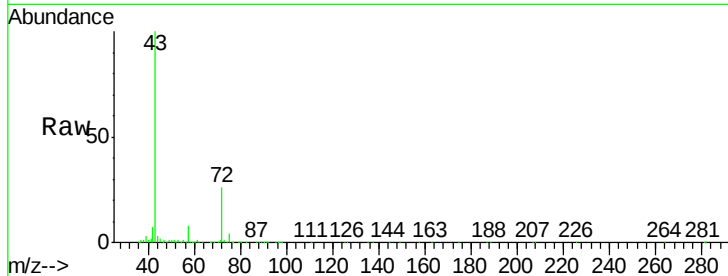
#25
2-Butanone
Concen: 98.823 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tot Ion: 43 Resp: 430396
Ion Ratio Lower Upper
43 100
72 26.2 20.2 30.4

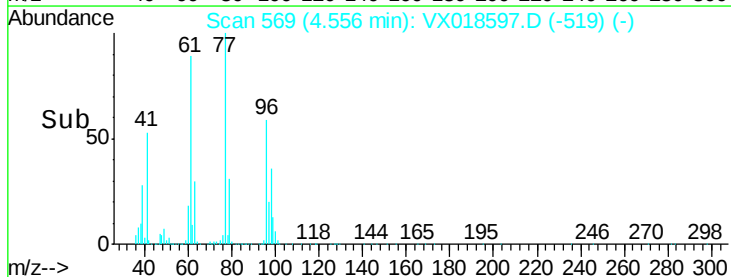
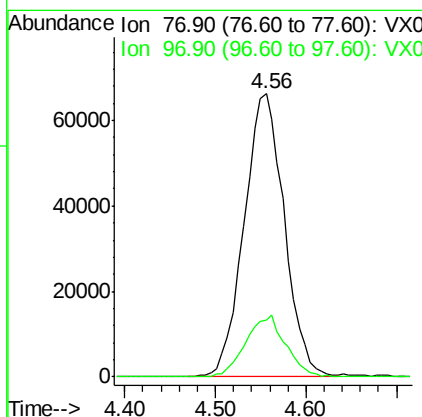
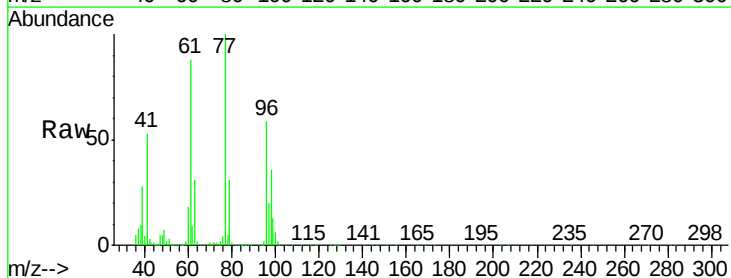
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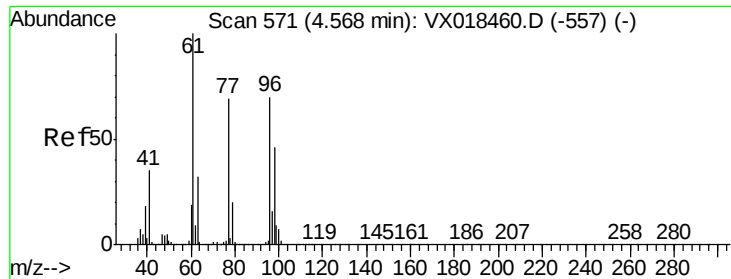
MMDadoda
9/28/2020 12:50:12 PM



#26
2,2-Dichloropropane
Concen: 20.923 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion: 77 Resp: 203306
Ion Ratio Lower Upper
77 100
97 21.5 11.2 33.5





#27

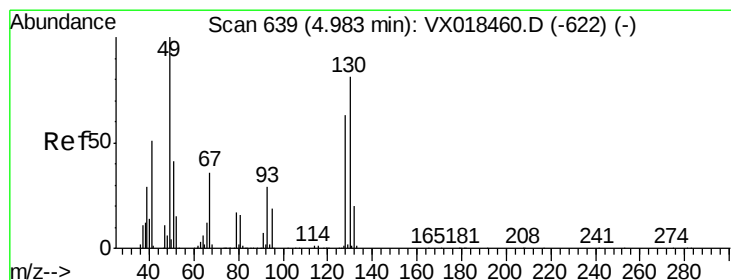
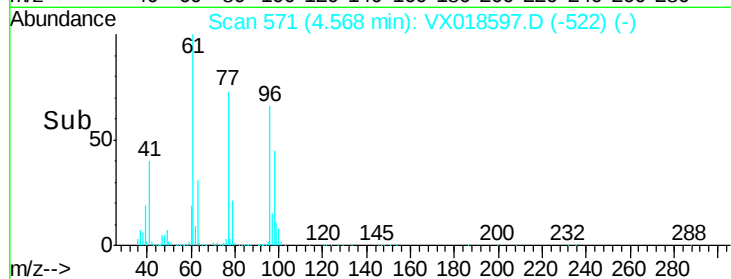
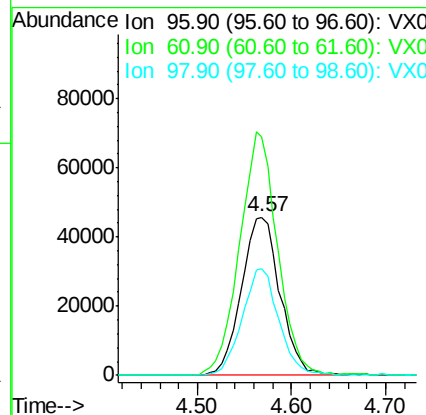
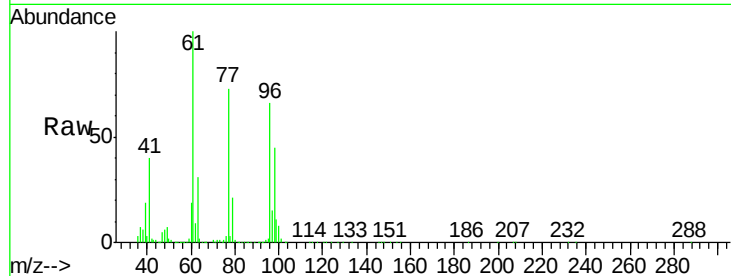
cis-1,2-Dichloroethene
Concen: 20.124 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	131230		
61	149.6	0.0	300.0	
98	64.0	0.0	130.4	

Manual Integrations
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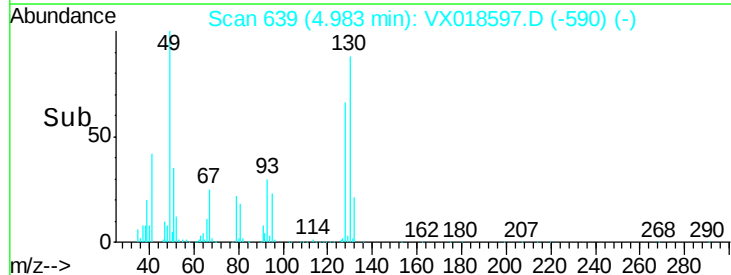
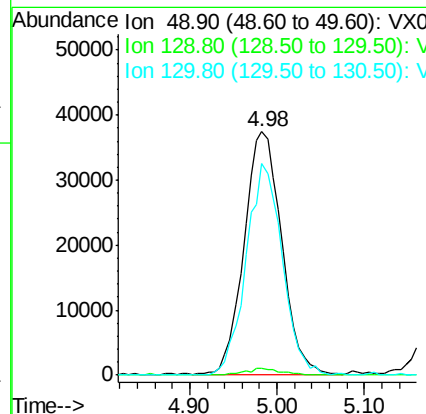
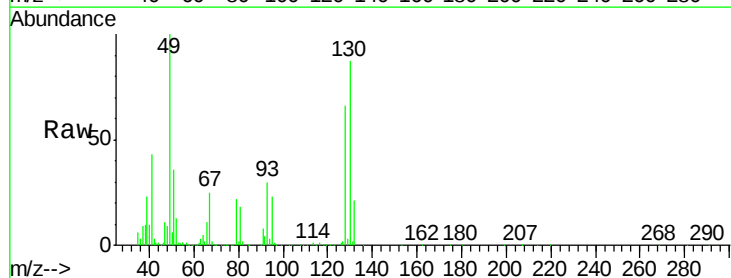
MMDadoda
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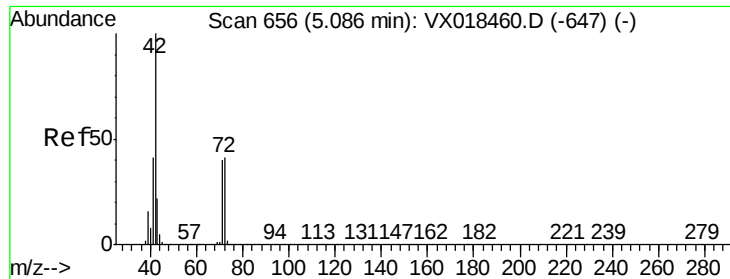


#28

Bromochloromethane
Concen: 22.537 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	110908		
129	2.7	0.0	4.6	
130	84.5	65.0	97.4	





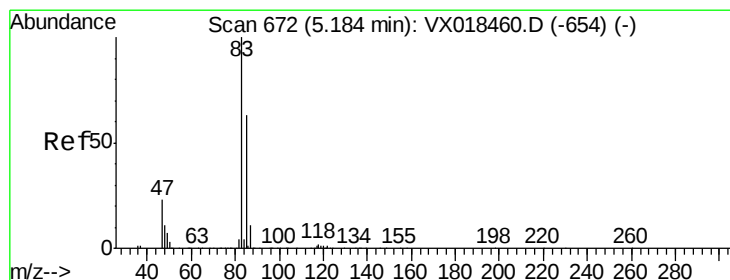
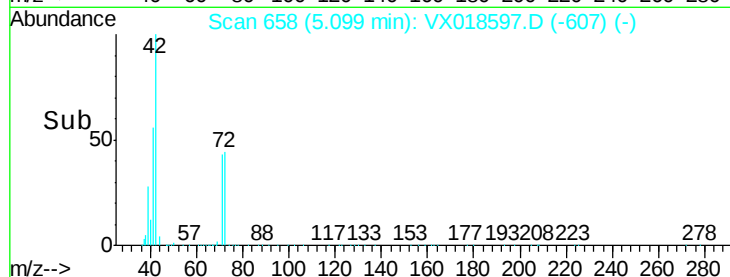
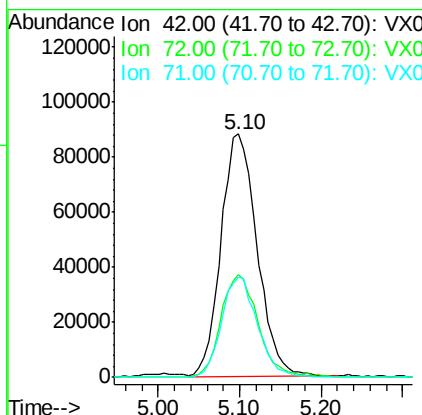
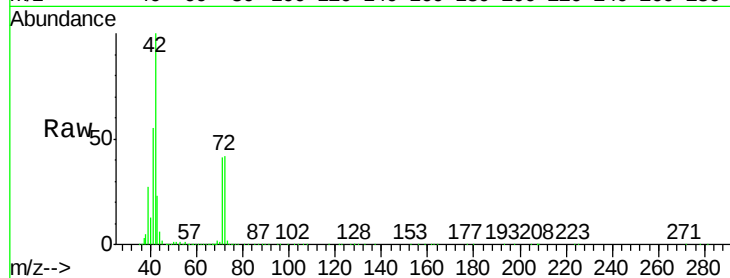
#29
Tetrahydrofuran
Concen: 98.355 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	34.3	51.5
71	41.0	32.1	48.1

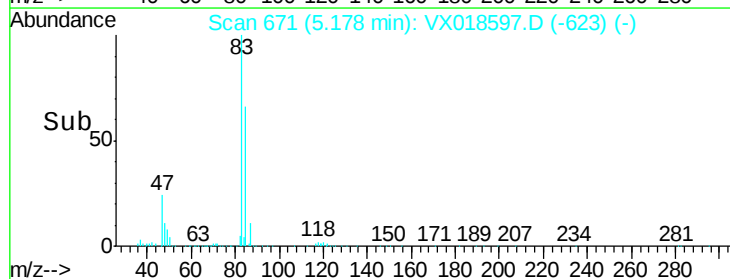
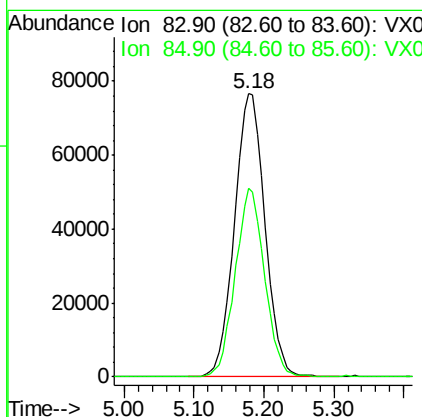
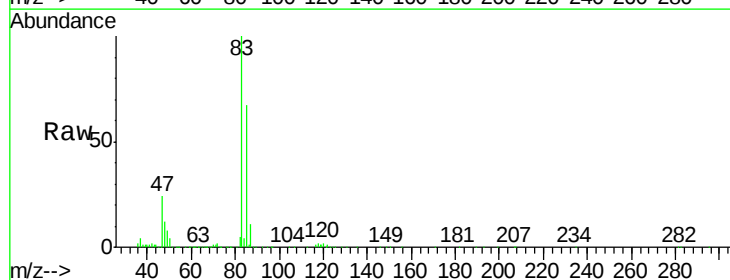
Manual Integrations
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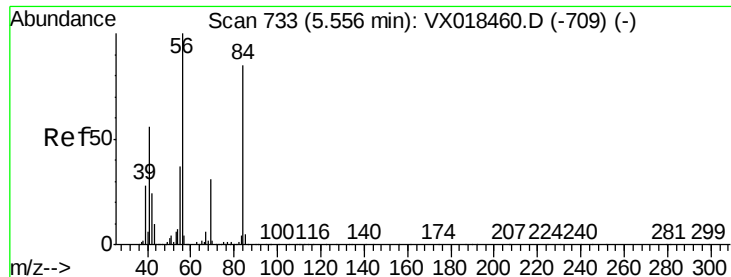
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#30
Chloroform
Concen: 21.762 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.6	76.0





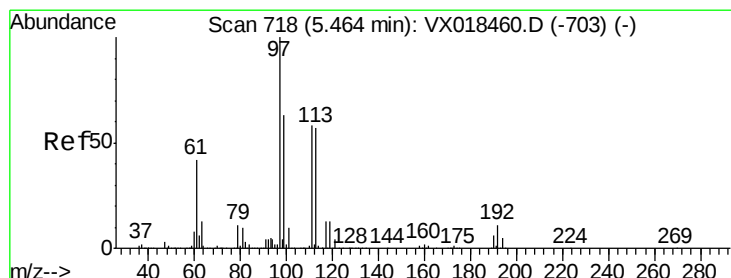
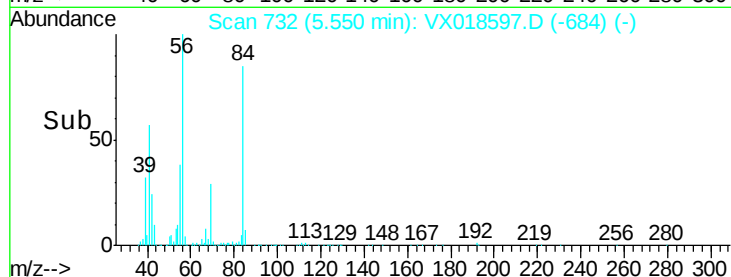
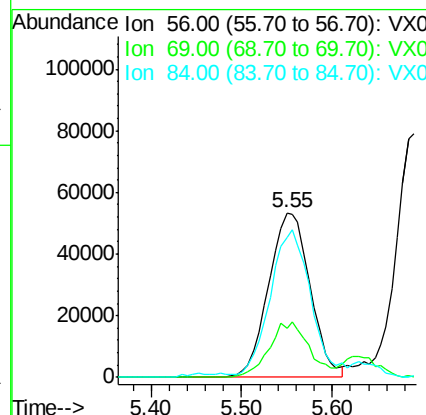
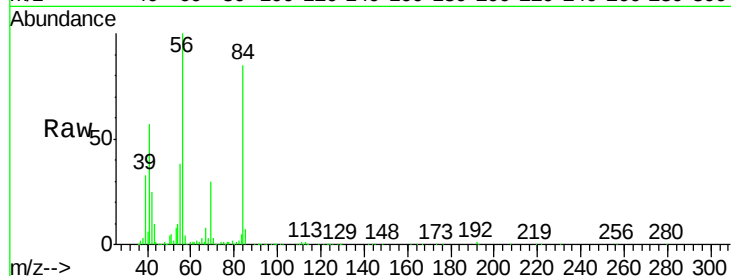
#31
Cyclohexane
Concen: 19.013 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.8	37.2
84	84.2	67.6	101.4

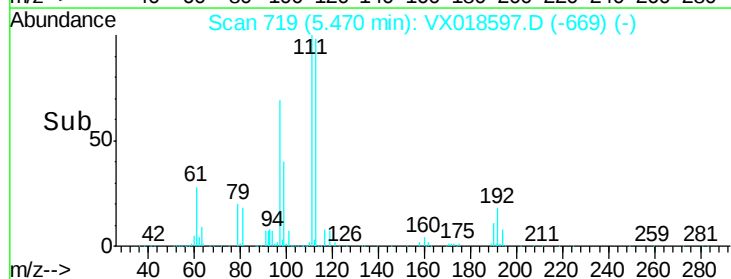
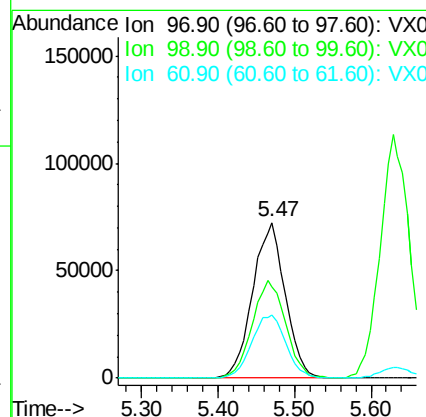
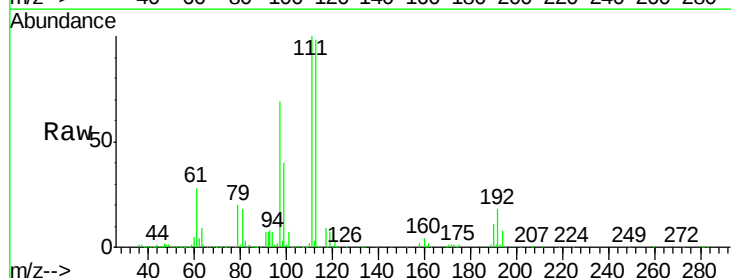
Manual Integrations
APPROVED

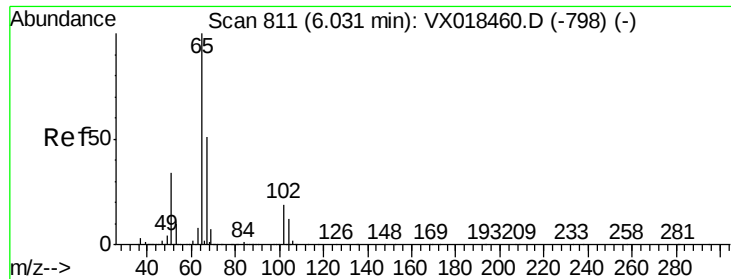
MMDadoda
9/28/2020 12:50:12 PM



#32
1,1,1-Trichloroethane
Concen: 21.438 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.5	75.7
61	42.5	33.4	50.2





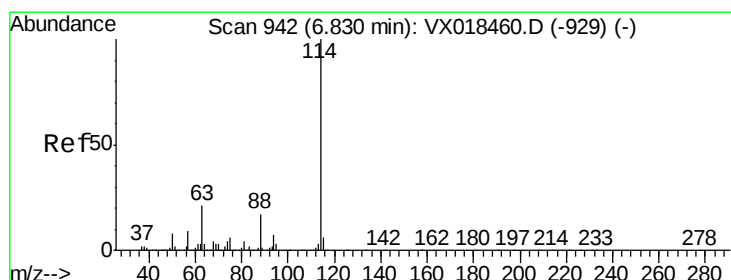
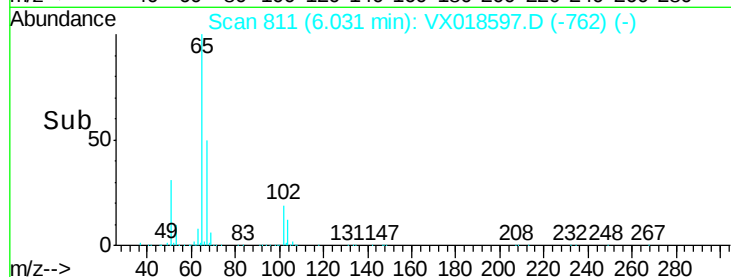
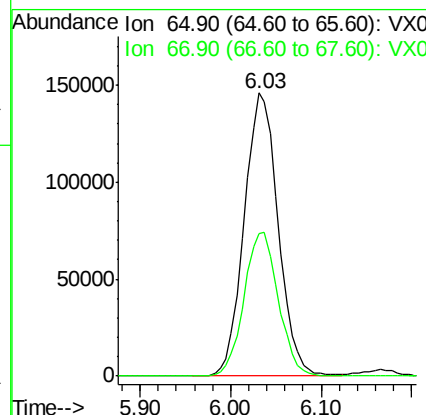
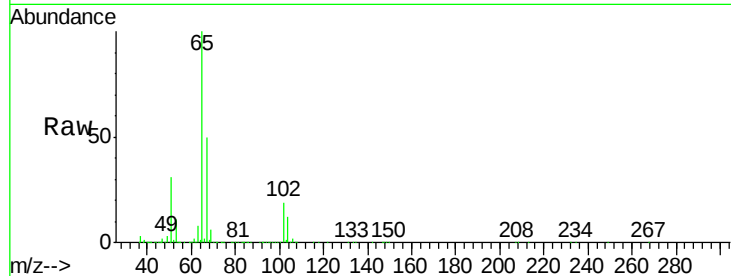
#33
 1,2-Dichloroethane-d4
 Concen: 51.802 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018597.D
 Acq: 25 Sep 2020 15:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	378821		
67	50.9	0.0	105.6	

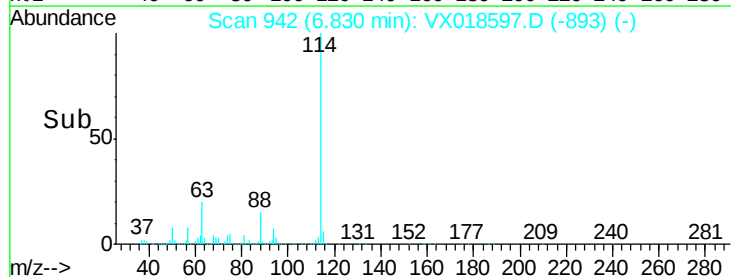
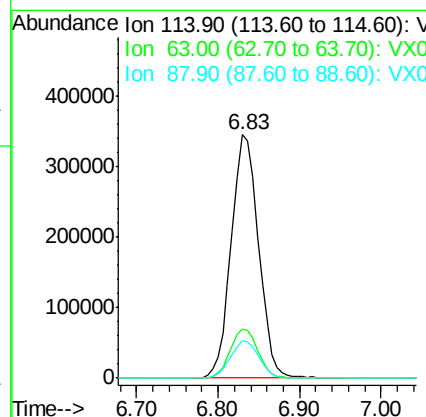
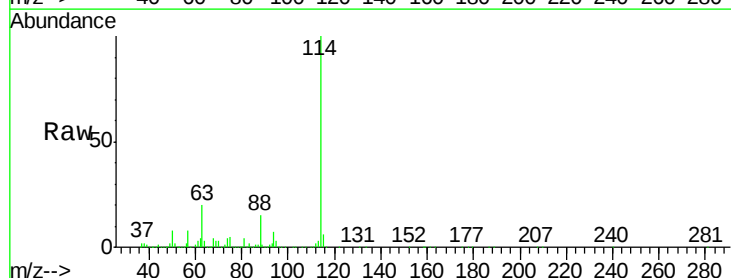
Manual Integrations
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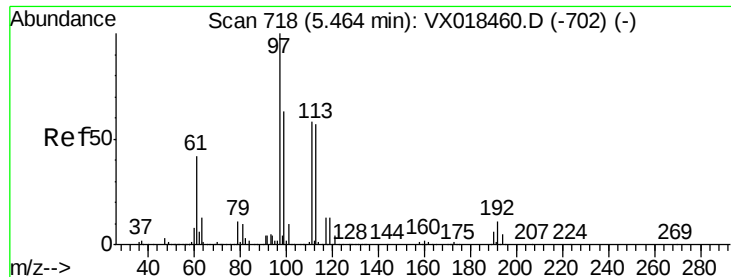
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX018597.D
 Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	799325		
63	20.4	0.0	42.8	
88	15.5	0.0	33.6	





#35

Dibromofluoromethane

Concen: 52.650 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

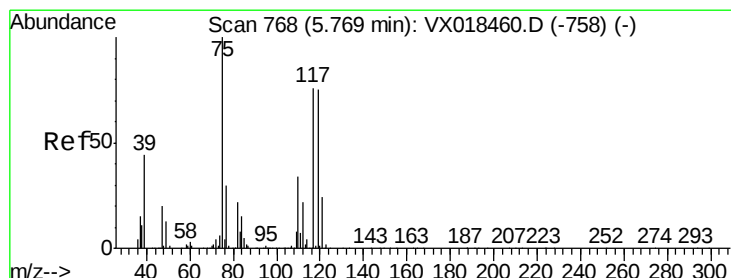
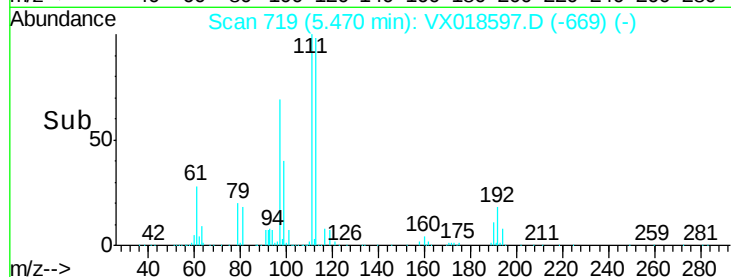
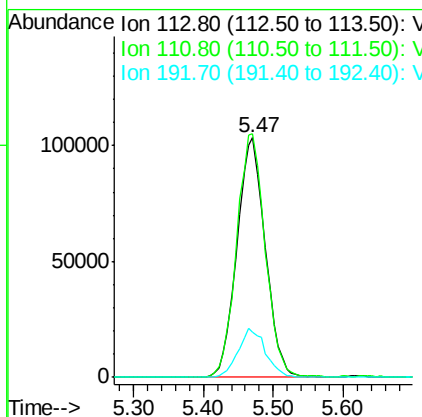
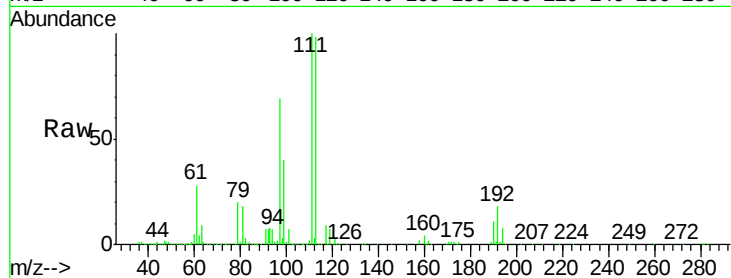
ClientSampleId :

VX0925WBS02

Tot Ion:	113	Resp:	290934
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.4	122.2
192	19.9	16.6	24.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.652 ug/l

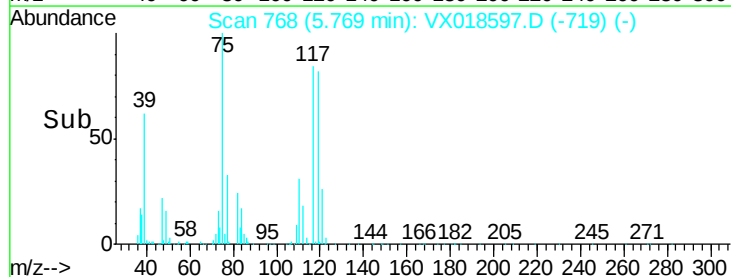
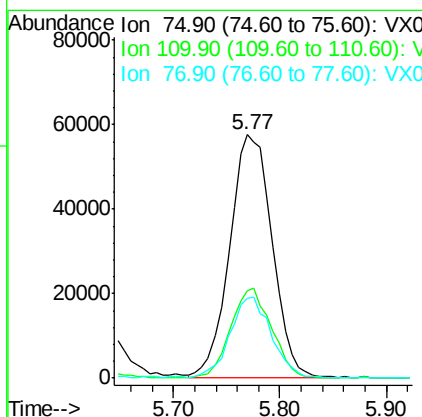
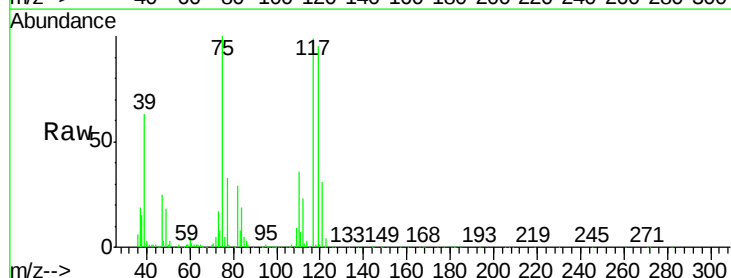
RT: 5.77 min Scan# 768

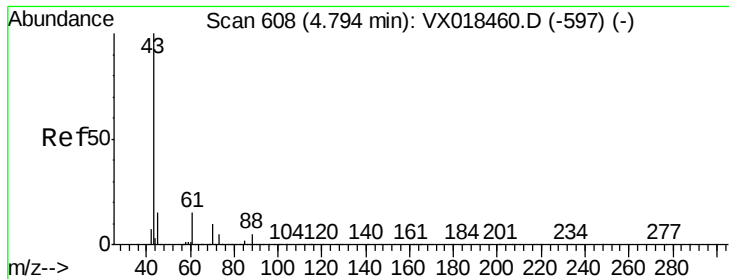
Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Tgt Ion:	75	Resp:	160228
Ion Ratio	Lower	Upper	
75	100		
110	36.0	17.6	52.8
77	32.3	25.0	37.6





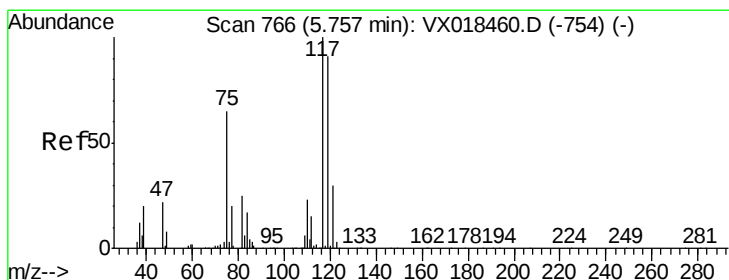
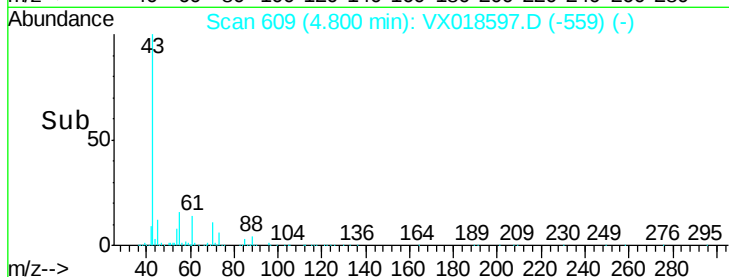
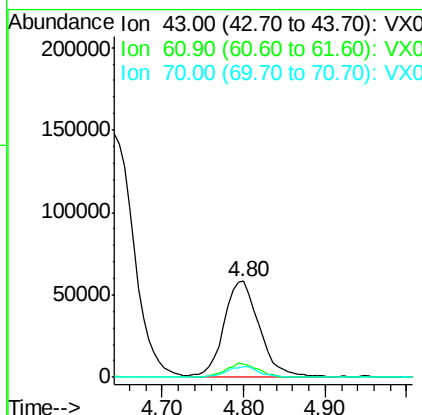
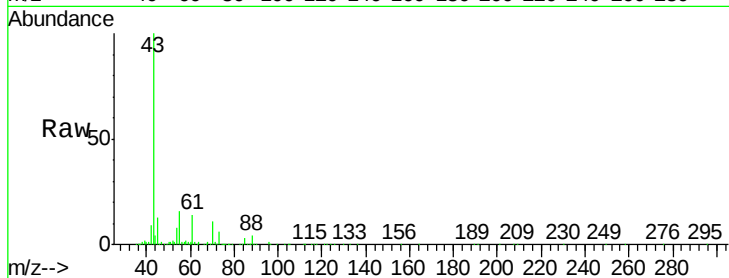
#37
Ethyl Acetate
Concen: 20.765 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tot Ion	43	Resp	172032
Ion Ratio	Lower	Upper	
43	100		
61	14.0	10.9	16.3
70	10.8	8.3	12.5

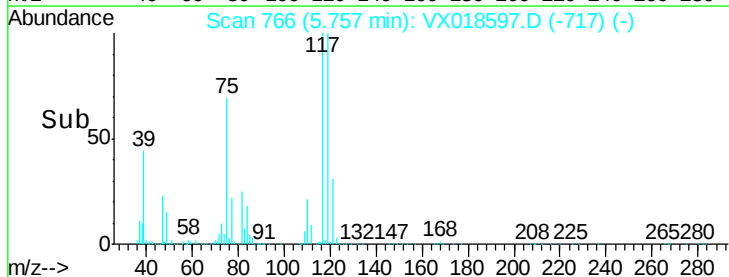
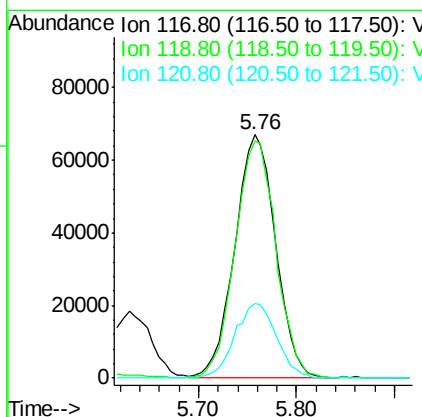
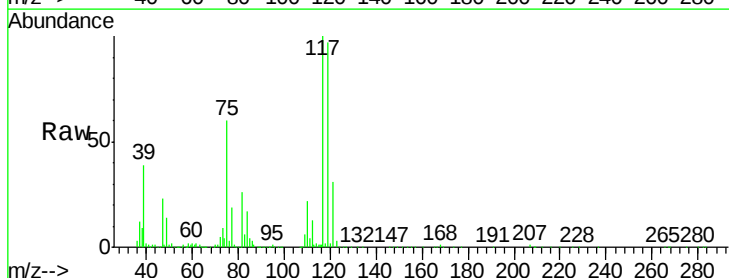
Manual Integrations
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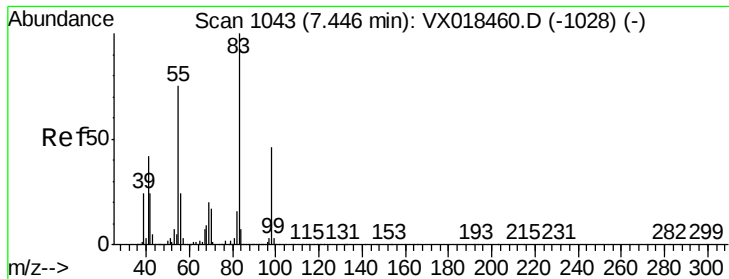
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#38
Carbon Tetrachloride
Concen: 22.502 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	117	Resp	193344
Ion Ratio	Lower	Upper	
117	100		
119	97.6	72.3	108.5
121	30.9	23.8	35.8





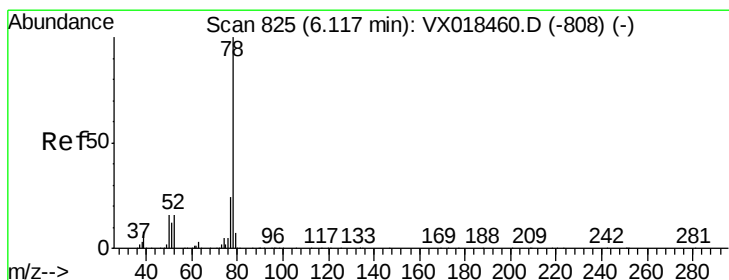
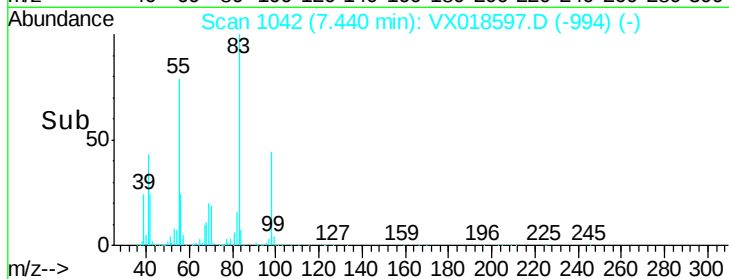
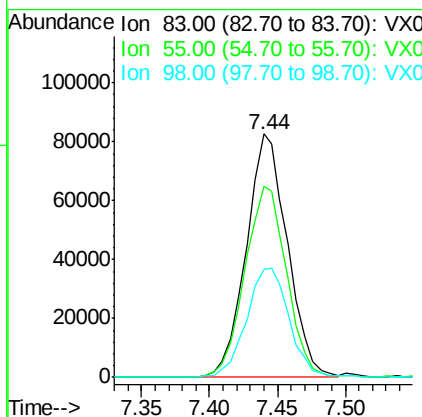
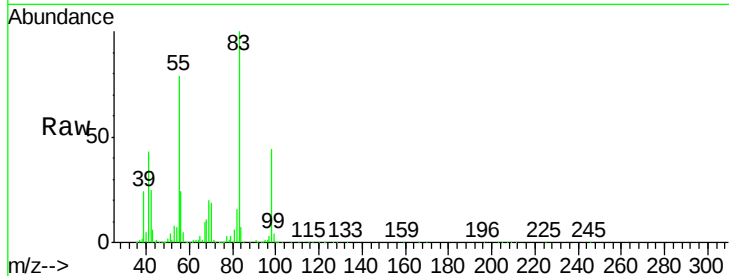
#39
Methvlcvclohexane
Concen: 20.069 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	174930		
55	78.3		60.2	90.4
98	44.2		36.4	54.6

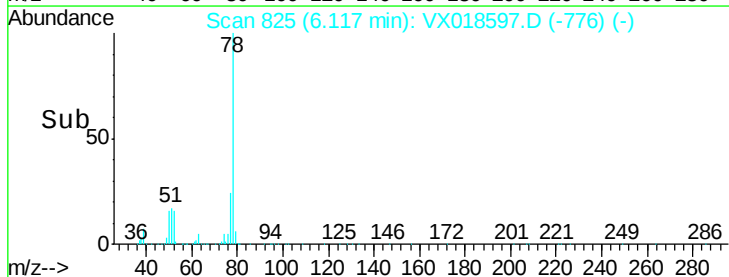
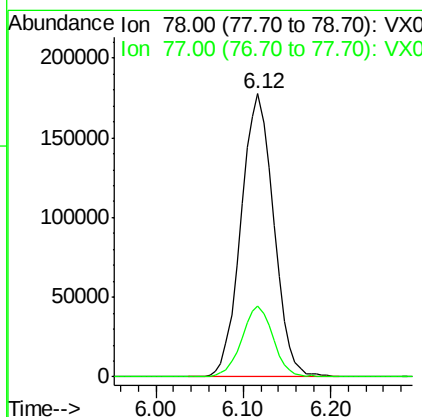
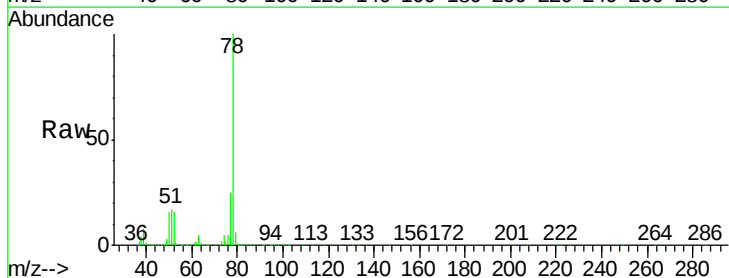
Manual Integrations
APPROVED

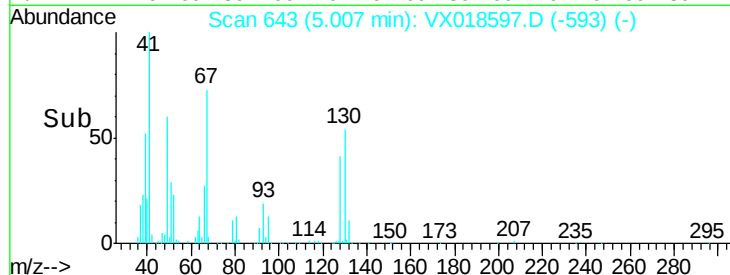
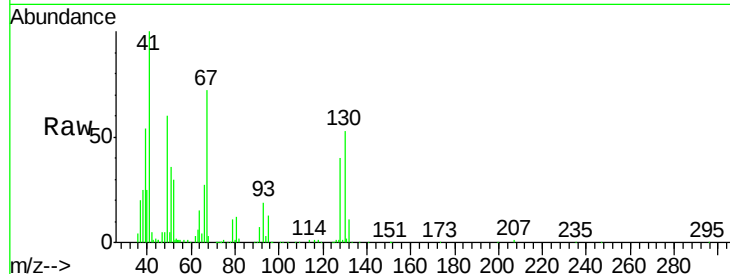
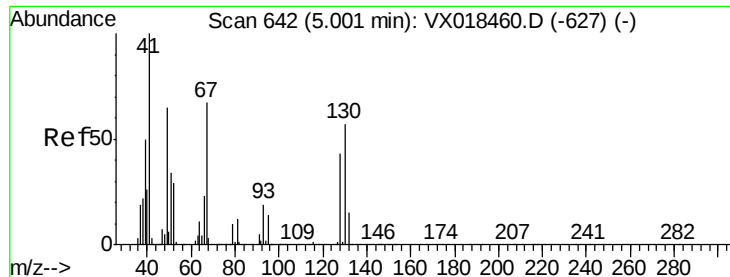
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#40
Benzene
Concen: 20.732 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	460955		
77	25.0		19.0	28.4





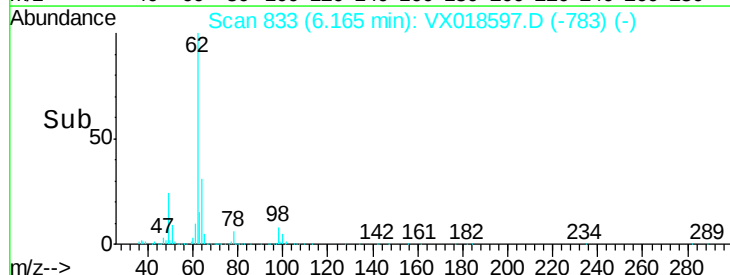
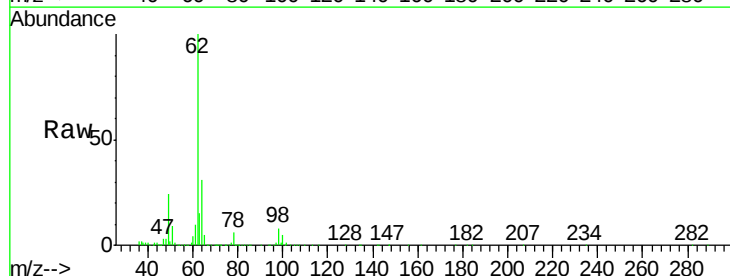
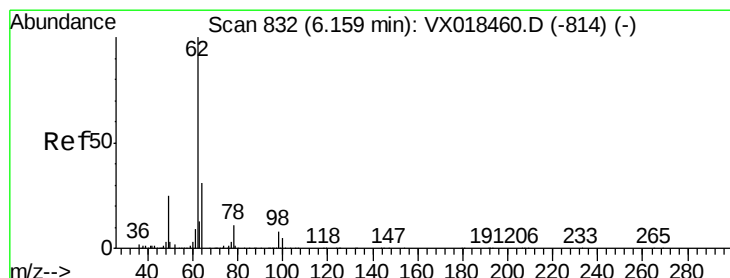
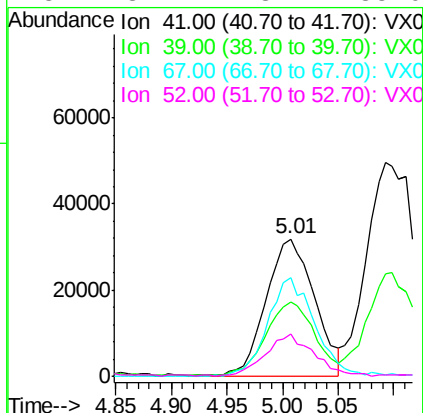
#41
Methacrylonitrile
Concen: 20.752 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		95533		
39	54.2	45.3	67.9		
67	69.0	56.7	85.1		
52	31.1	23.4	35.0		

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

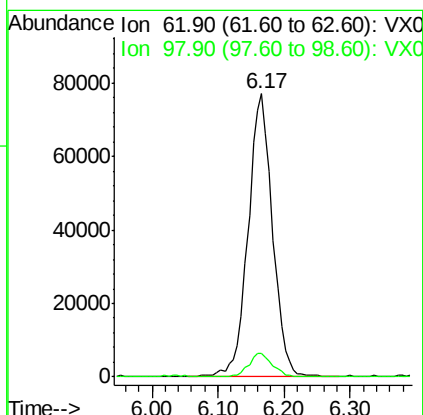
Manual Integrations
APPROVED

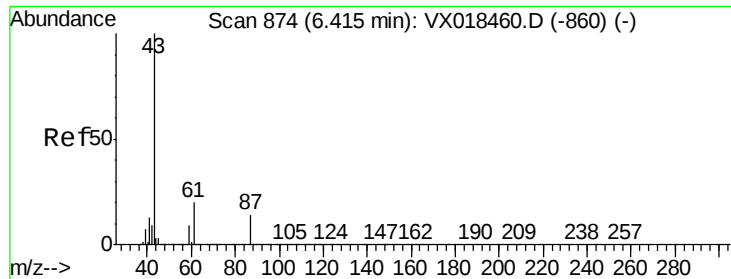
MMDadoda
9/28/2020 12:50:12 PM



#42
1,2-Dichloroethane
Concen: 23.002 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		198968		
98	8.2	0.0	16.6		





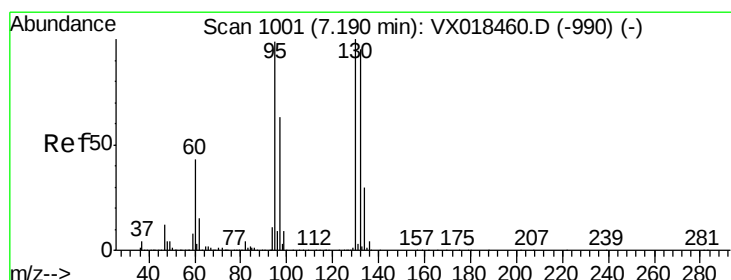
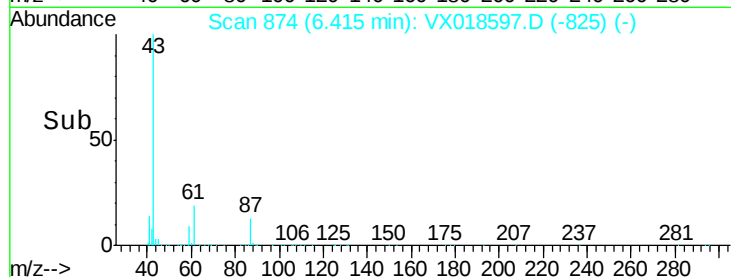
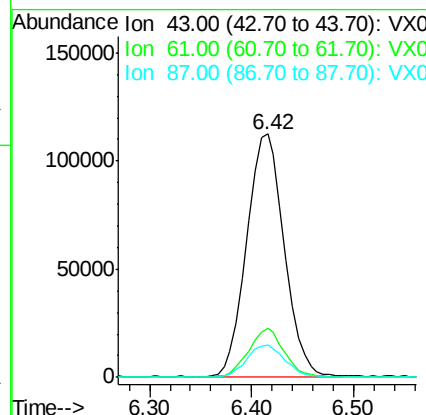
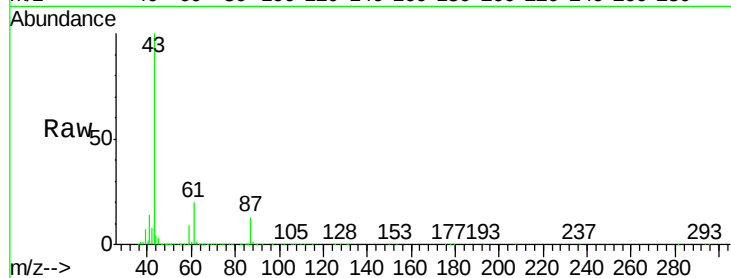
#43
Isopropyl Acetate
Concen: 20.903 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.7	23.5
87	13.7	10.4	15.6

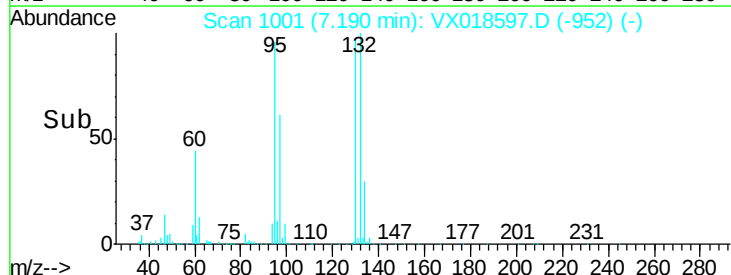
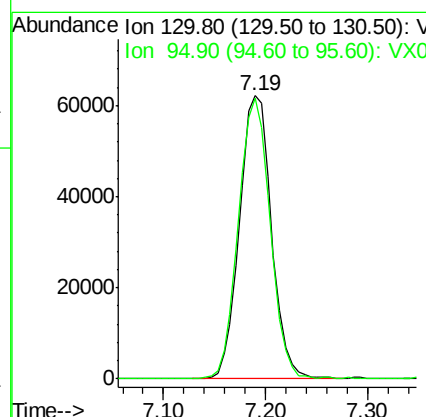
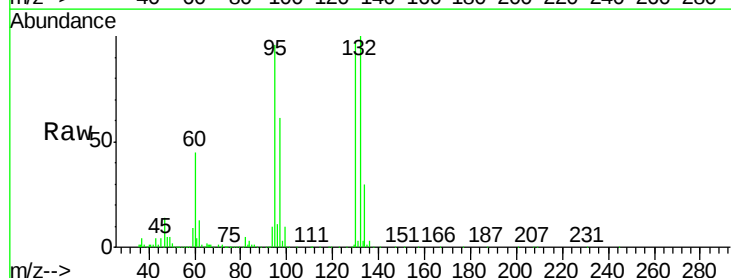
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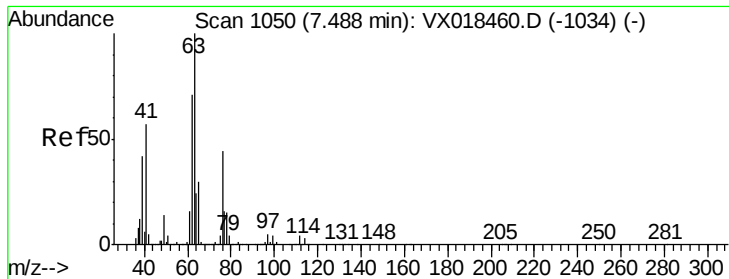
MMDadoda
9/28/2020 12:50:12 PM



#44
Trichloroethene
Concen: 20.988 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	197.4





#45

1,2-Dichloropropane

Concen: 20.791 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS02

Tot Ion: 63 Resp: 126880

Ion Ratio Lower Upper

63 100

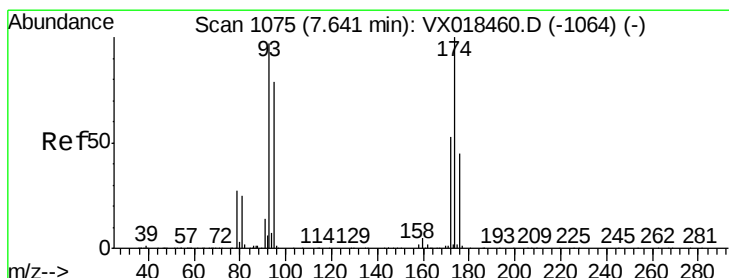
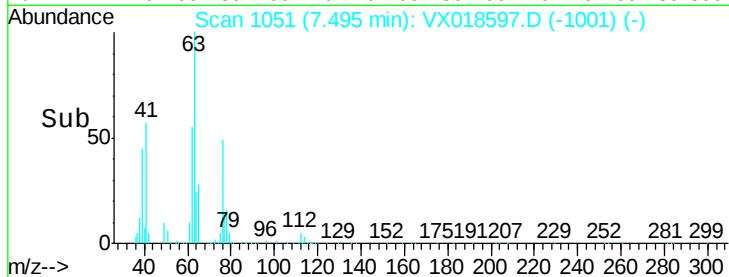
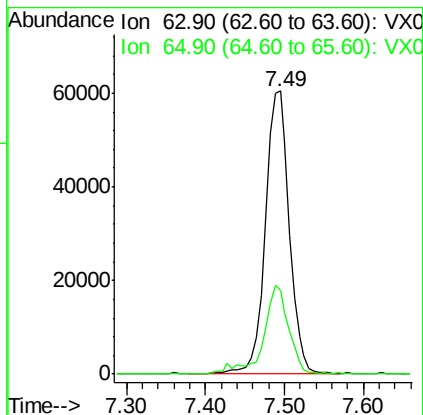
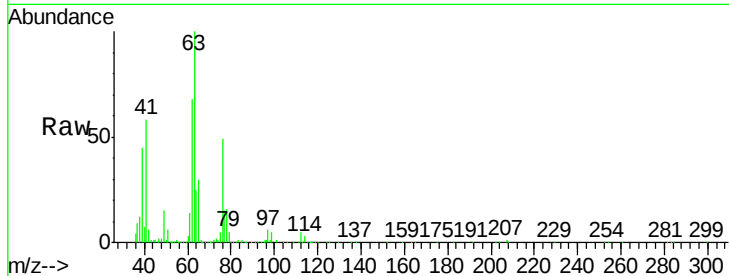
65 29.8 24.1 36.1

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#46

Dibromomethane

Concen: 21.791 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

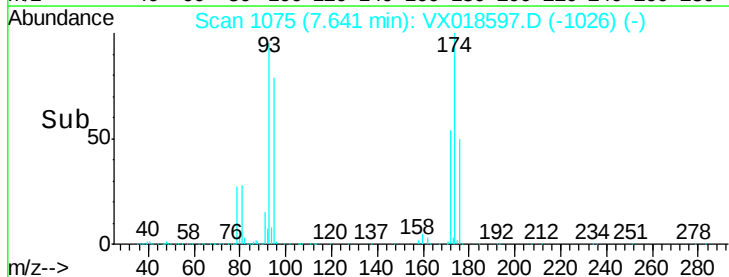
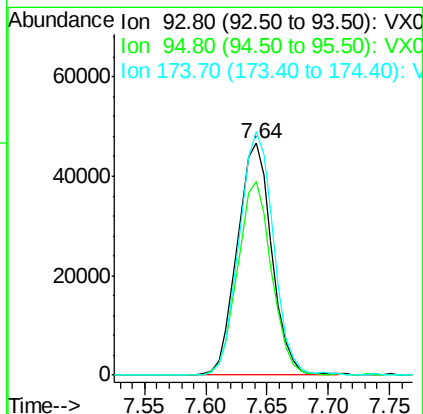
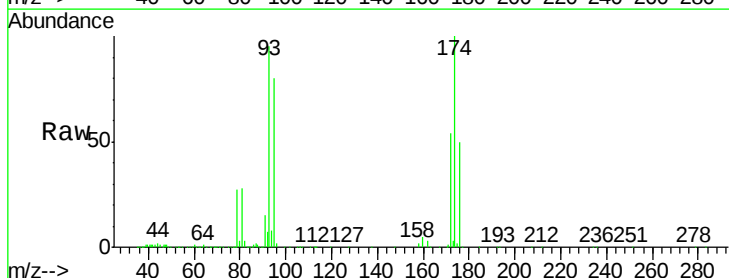
Tgt Ion: 93 Resp: 91363

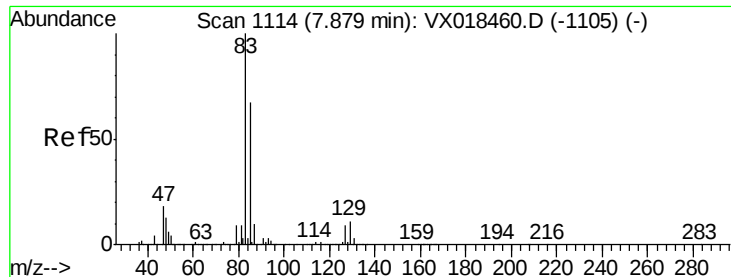
Ion Ratio Lower Upper

93 100

95 81.8 65.0 97.4

174 104.9 82.0 123.0





#47

Bromodichloromethane

Concen: 22.708 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

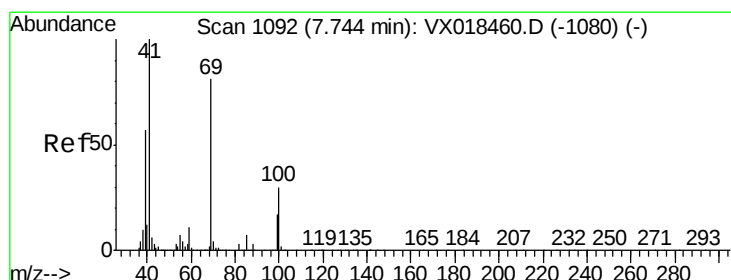
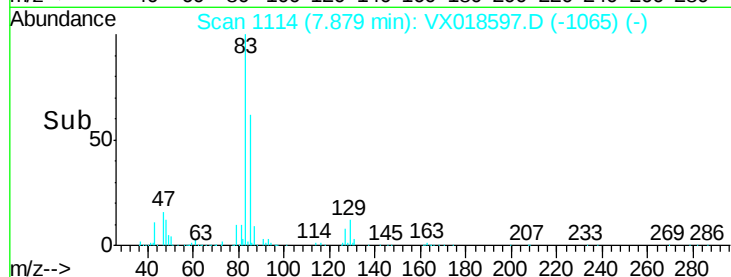
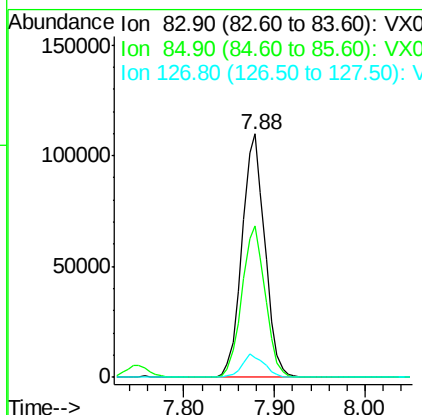
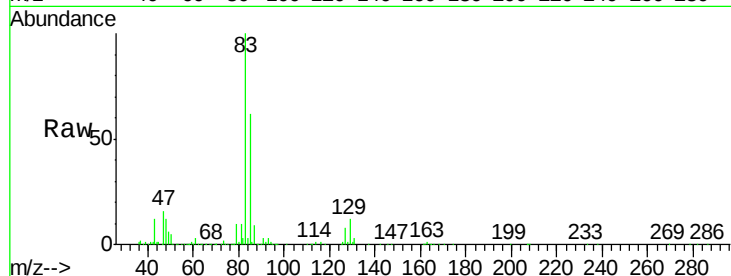
ClientSampleId :

VX0925WBS02

Tot Ion:	83	Resp:	191876
Ion Ratio	Lower	Upper	
83	100		
85	62.5	53.3	79.9
127	8.3	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.112 ug/l

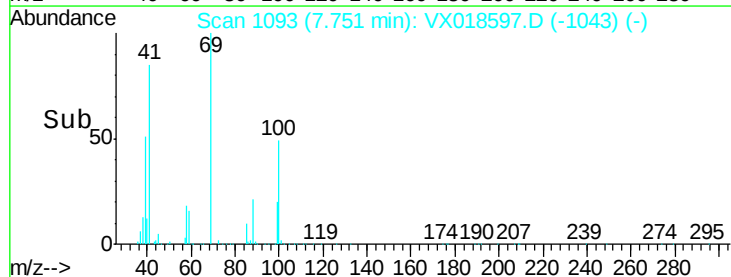
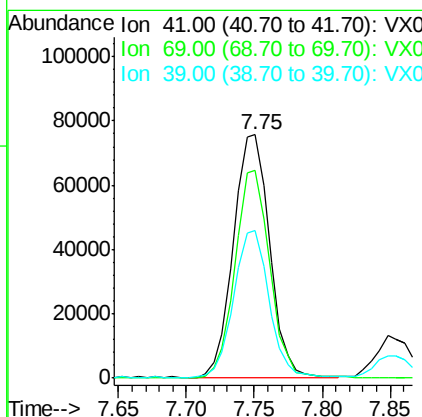
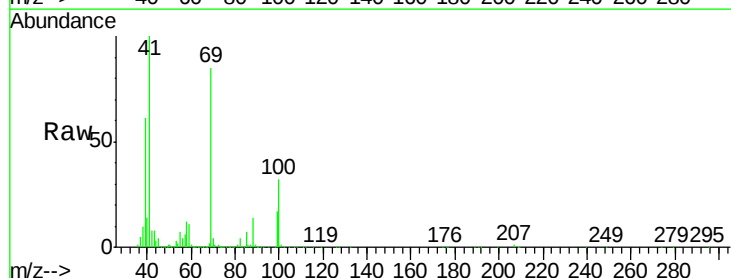
RT: 7.75 min Scan# 1093

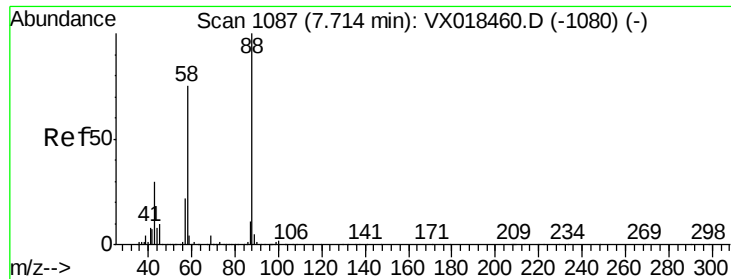
Delta R.T. 0.01 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Tgt Ion:	41	Resp:	141276
Ion Ratio	Lower	Upper	
41	100		
69	82.6	63.7	95.5
39	59.7	45.0	67.4





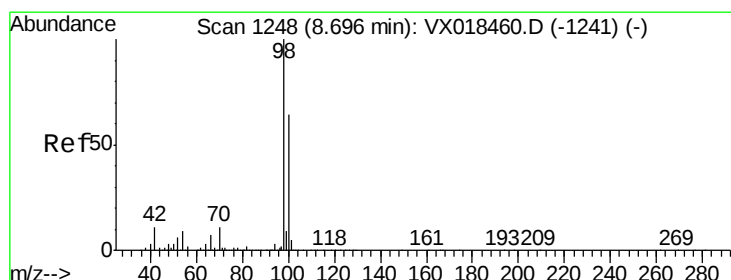
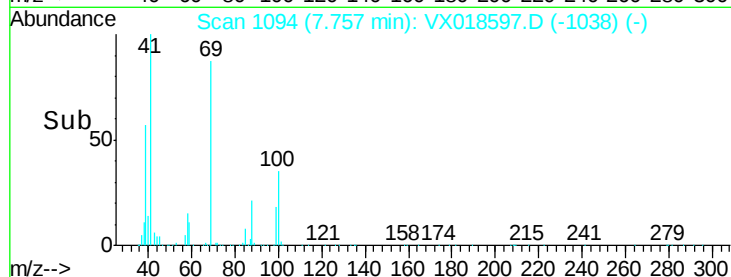
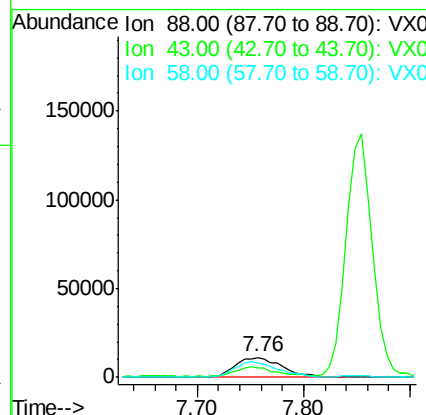
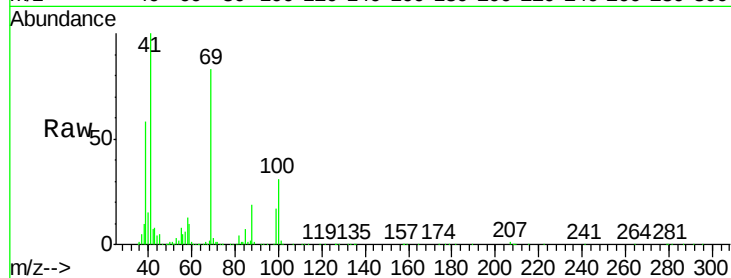
#49
1,4-Dioxane
Concen: 311.942 ug/l
RT: 7.76 min Scan# 1094
Delta R.T. 0.04 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.7	29.9	44.9
58	76.5	59.0	88.6

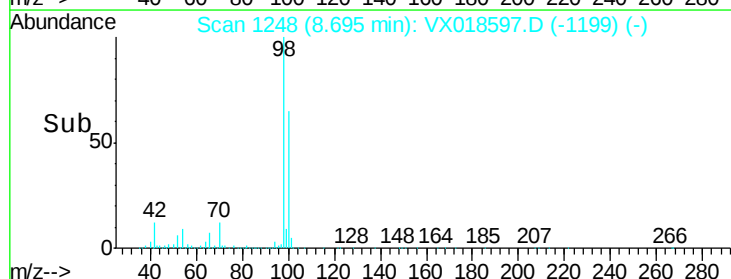
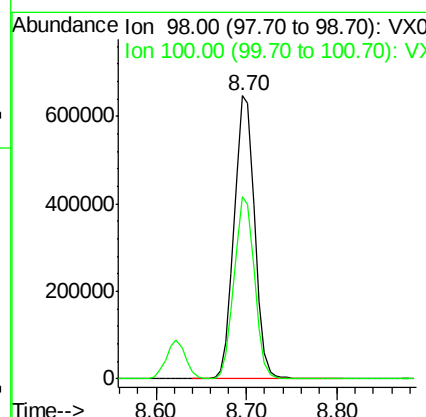
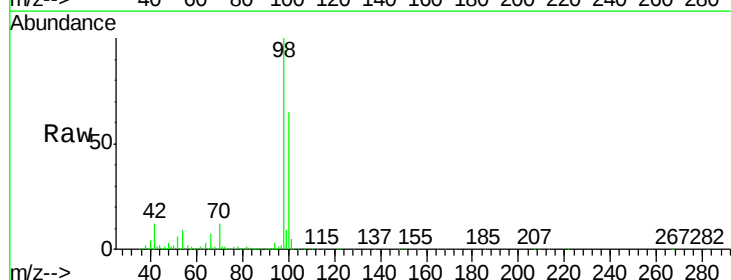
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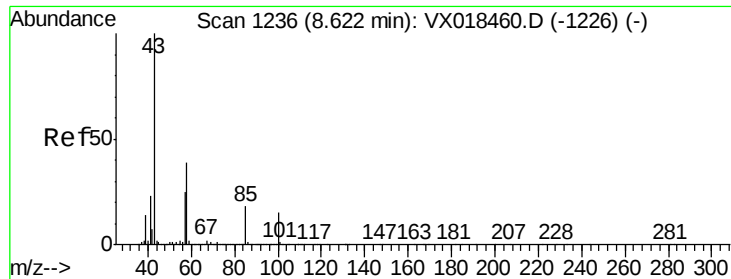
MMDadoda
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#50
Toluene-d8
Concen: 50.489 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 109.392 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS02

Tot Ion: 43 Resp: 895455

Ion Ratio Lower Upper

43 100

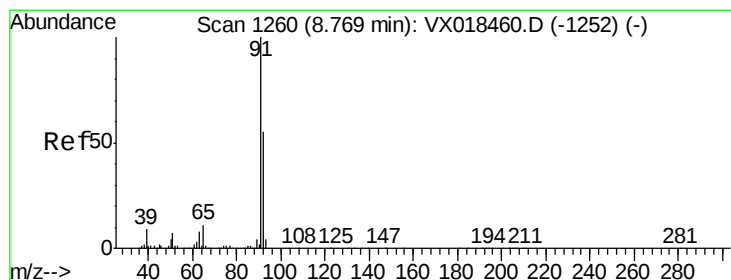
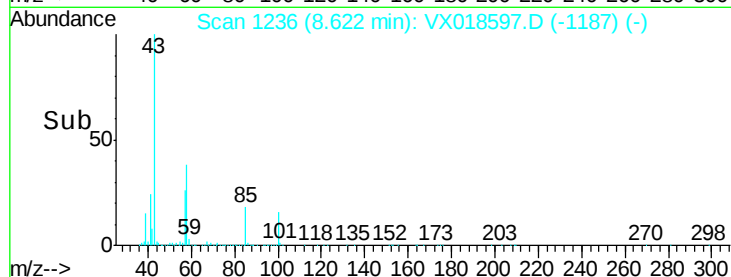
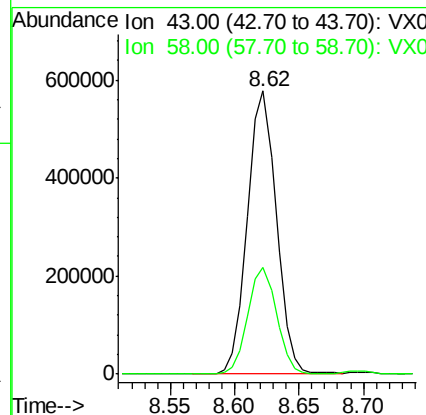
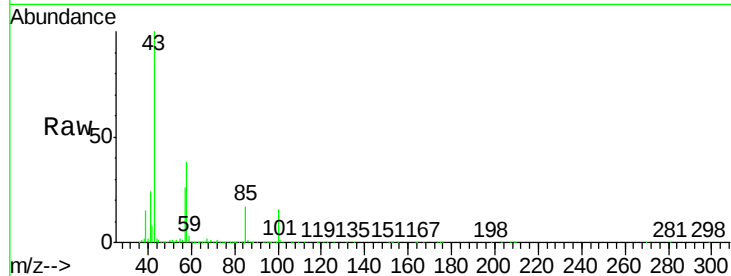
58 37.5 30.9 46.3

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#52

Toluene

Concen: 21.708 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018597.D

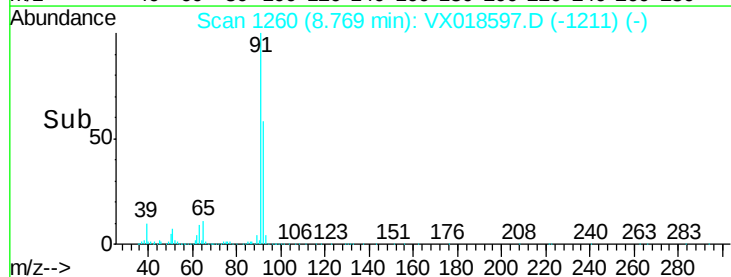
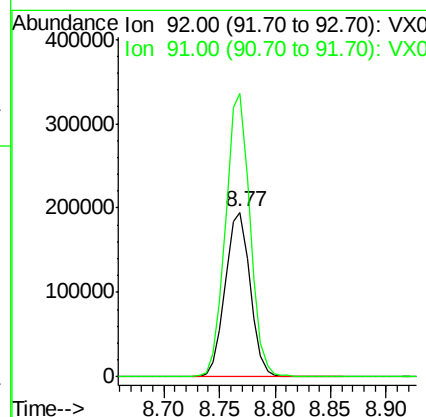
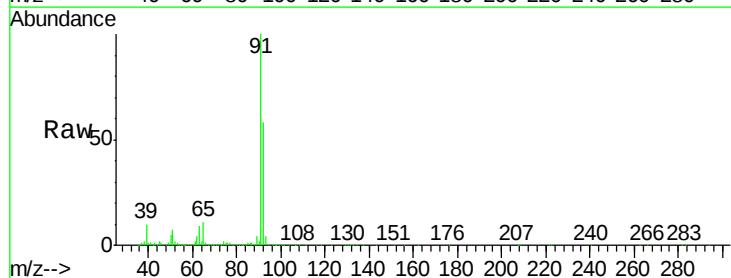
Acq: 25 Sep 2020 15:57

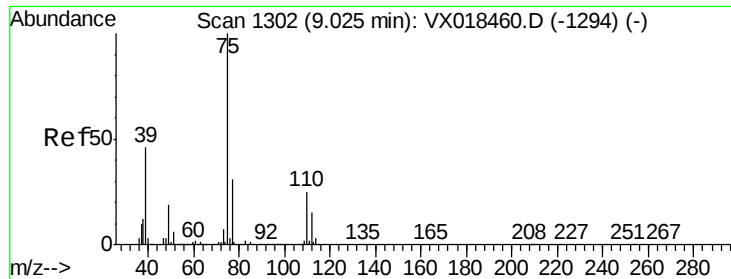
Tgt Ion: 92 Resp: 303730

Ion Ratio Lower Upper

92 100

91 168.9 140.6 210.8





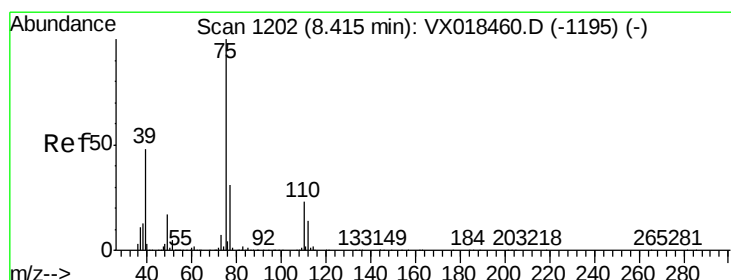
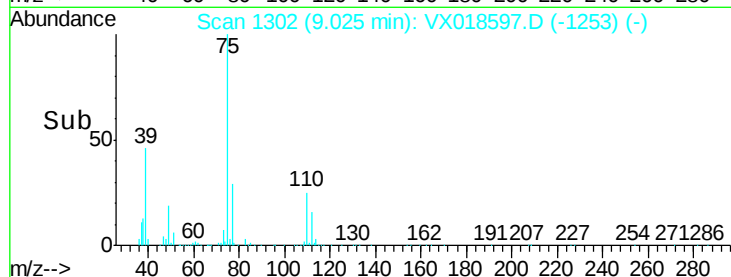
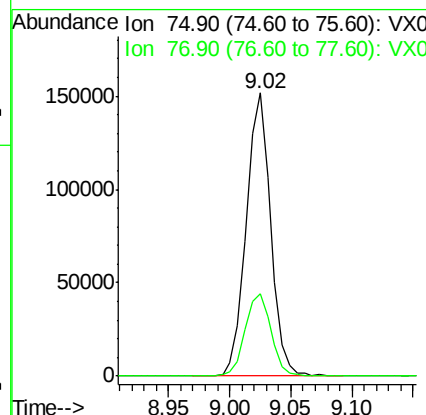
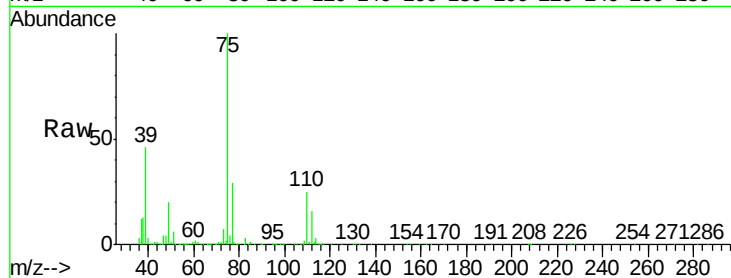
#53
t-1,3-Dichloropropene
Concen: 21.906 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.2	25.1	37.7

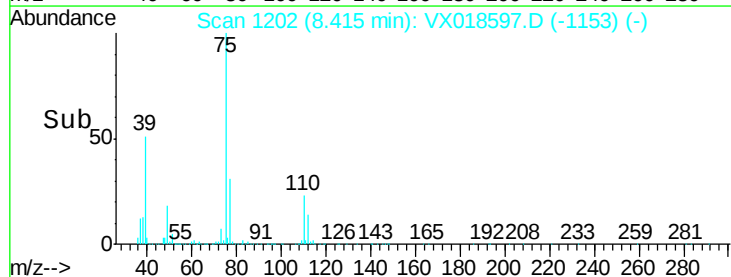
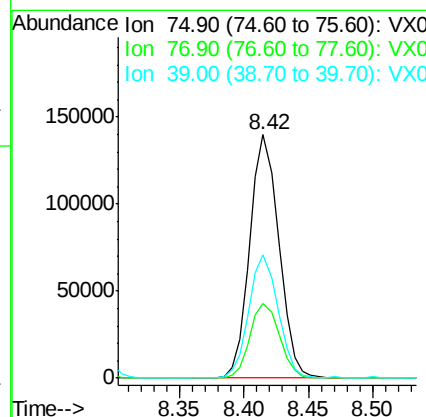
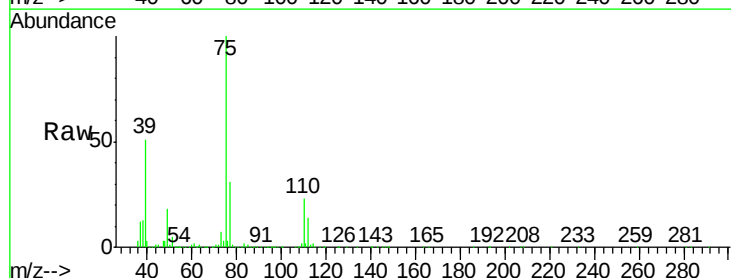
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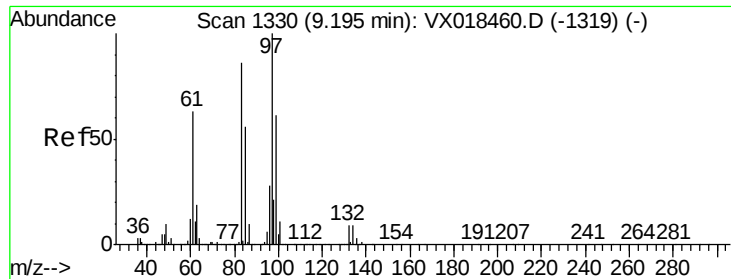
MMDadoda
9/28/2020 12:50:12 PM



#54
cis-1,3-Dichloropropene
Concen: 22.094 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.8	37.2
39	50.5	38.6	58.0





#55

1,1,2-Trichloroethane

Concen: 21.869 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

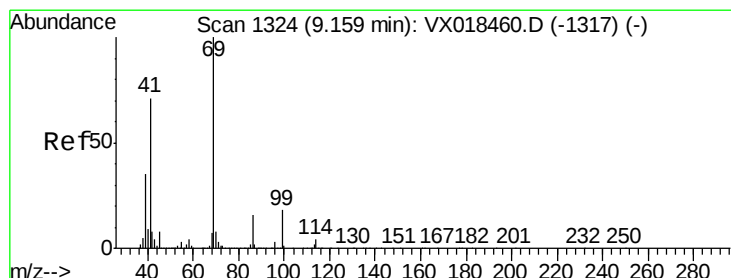
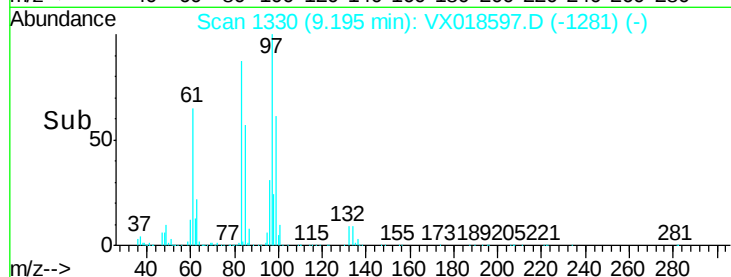
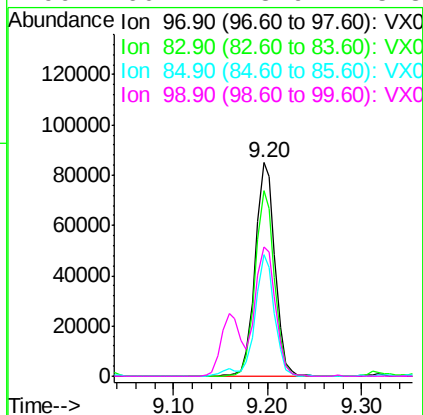
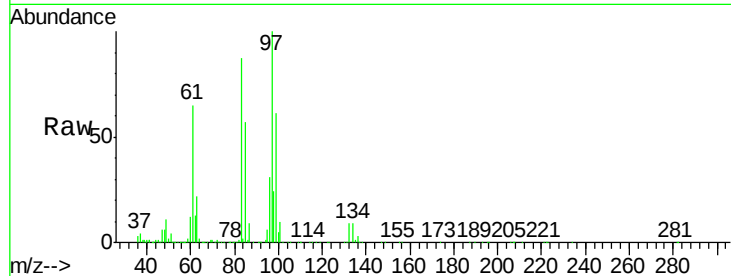
ClientSampleId :

VX0925WBS02

Tot Ion:	97	Resp:	126962
Ion	Ratio	Lower	Upper
97	100		
83	87.0	68.5	102.7
85	56.6	44.8	67.2
99	60.7	48.9	73.3

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#56

Ethyl methacrylate

Concen: 21.690 ug/l

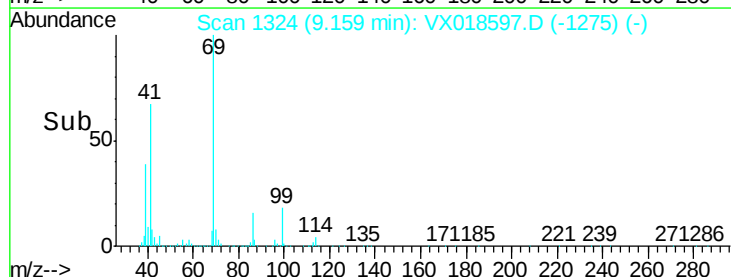
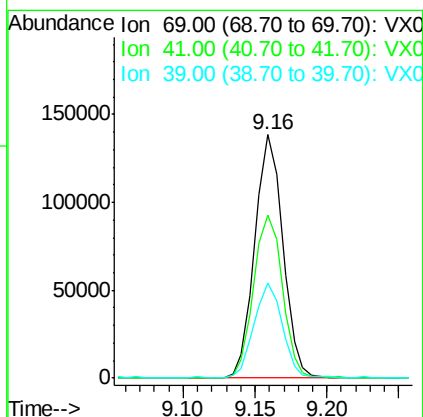
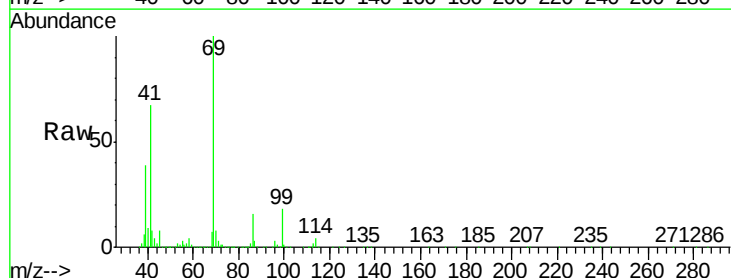
RT: 9.16 min Scan# 1324

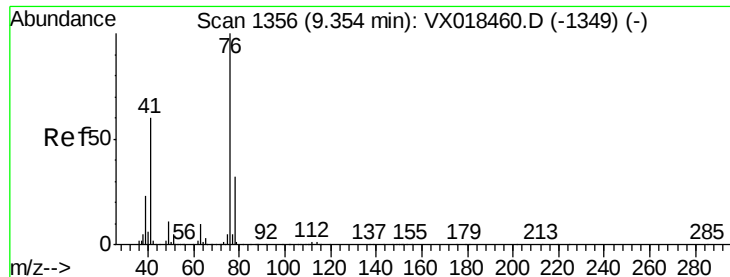
Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Tgt Ion:	69	Resp:	186720
Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.6	81.8
39	38.5	29.3	43.9





#57

1,3-Dichloropropane

Concen: 21.268 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS02

Tot Ion: 76 Resp: 207451

Ion Ratio Lower Upper

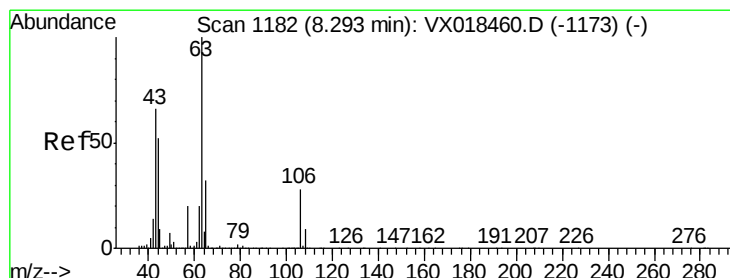
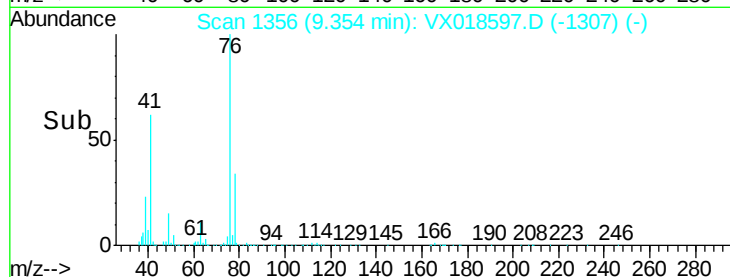
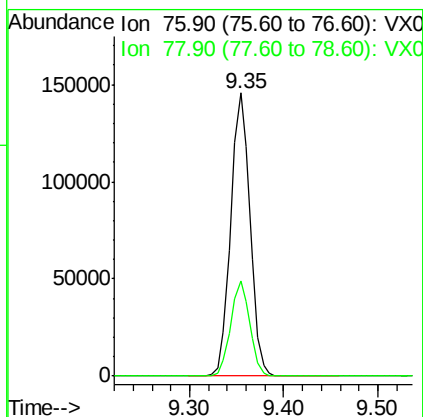
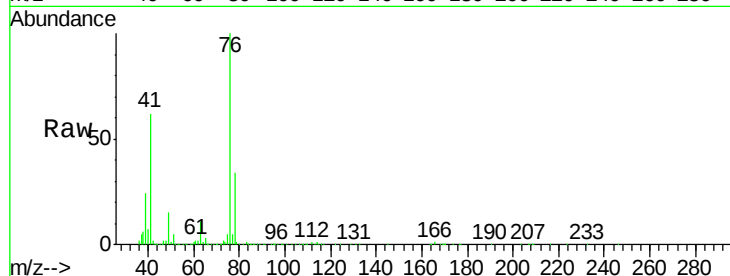
76 100

78 33.3 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 106.330 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018597.D

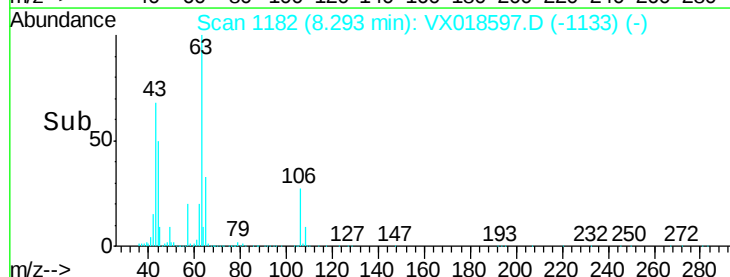
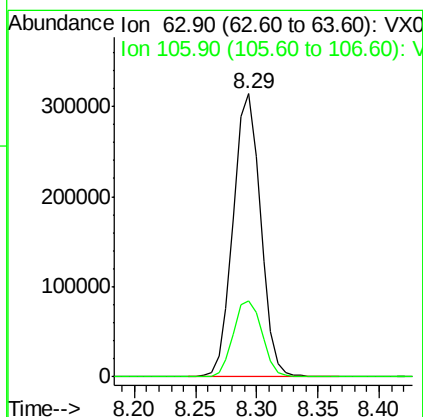
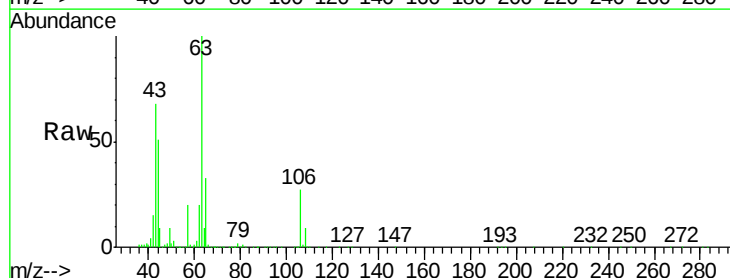
Acq: 25 Sep 2020 15:57

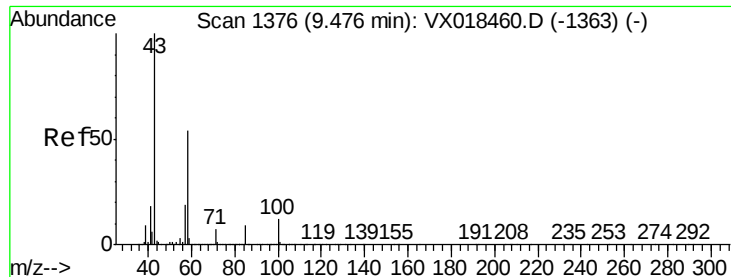
Tgt Ion: 63 Resp: 486653

Ion Ratio Lower Upper

63 100

106 28.2 22.2 33.2





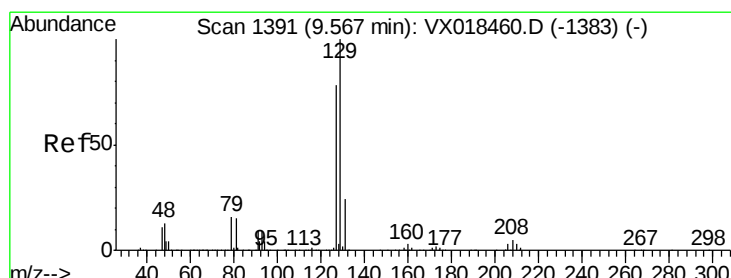
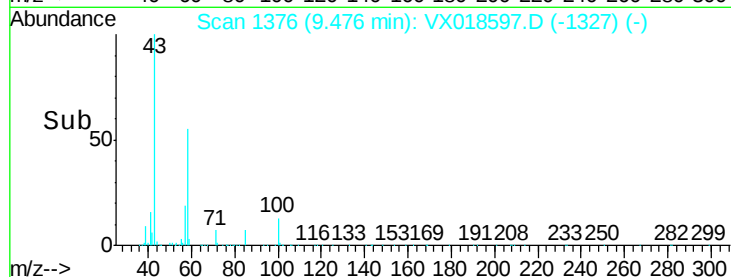
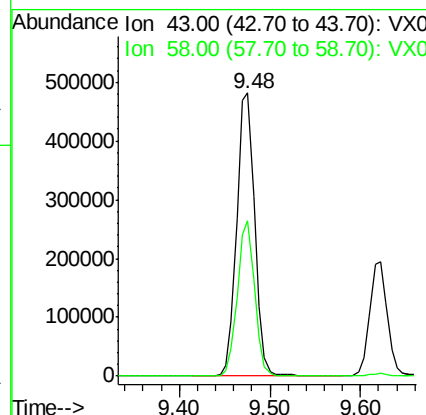
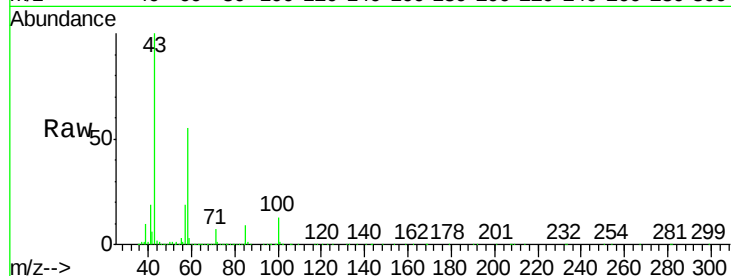
#59
2-Hexanone
Concen: 106.437 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tot Ion: 43 Resp: 662691
Ion Ratio Lower Upper
43 100
58 52.4 26.5 79.4

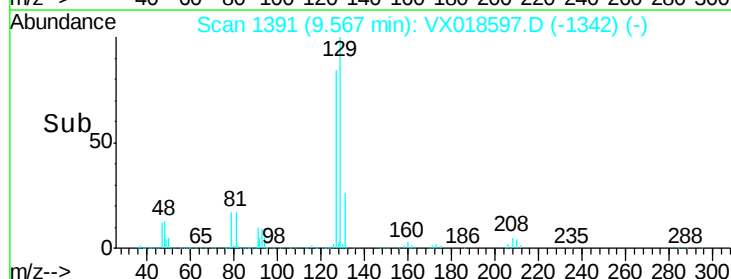
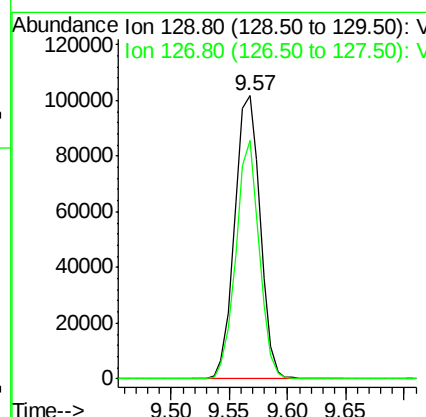
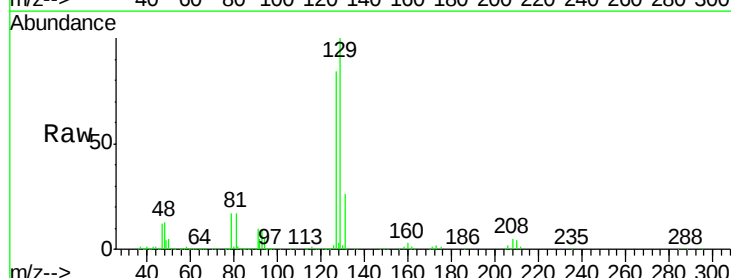
Manual Integrations
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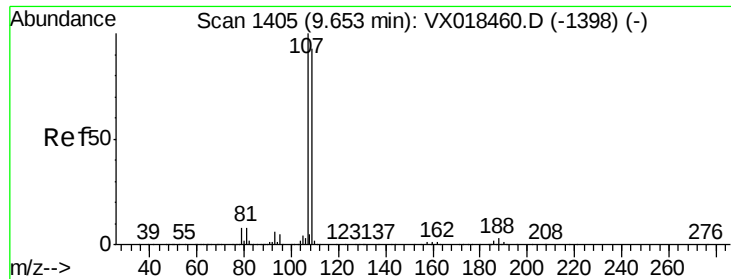
MMDadoda
9/28/2020 12:50:12 PM



#60
Dibromochloromethane
Concen: 22.471 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion: 129 Resp: 155563
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0





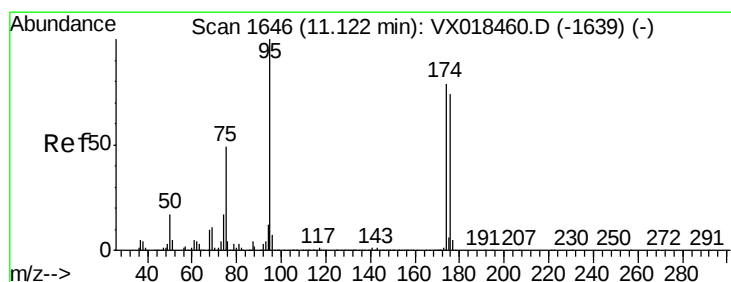
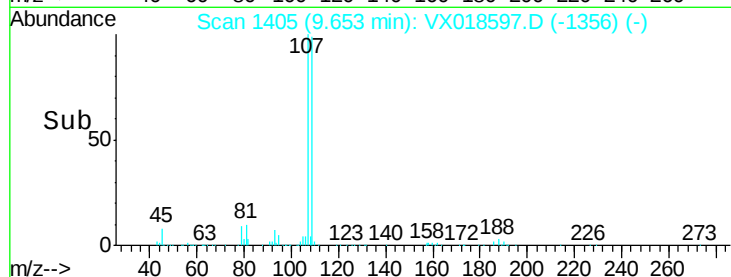
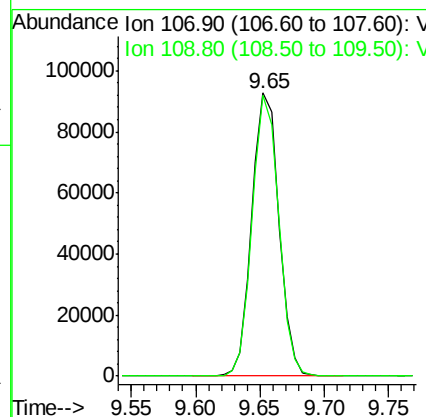
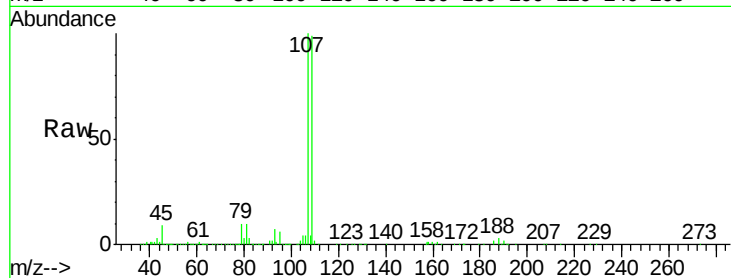
#61
 1,2-Dibromoethane
 Concen: 21.679 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018597.D
 Acq: 25 Sep 2020 15:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.5	75.9	113.9

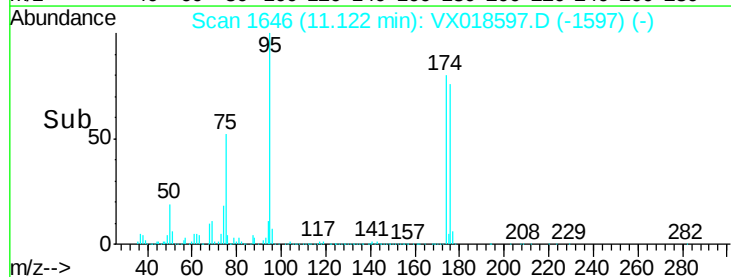
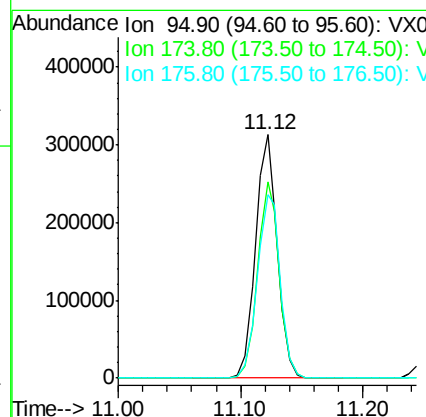
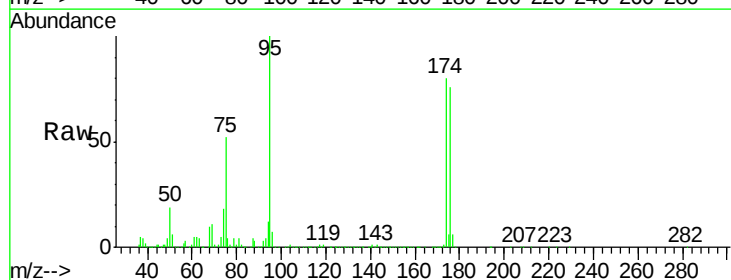
Manual Integrations
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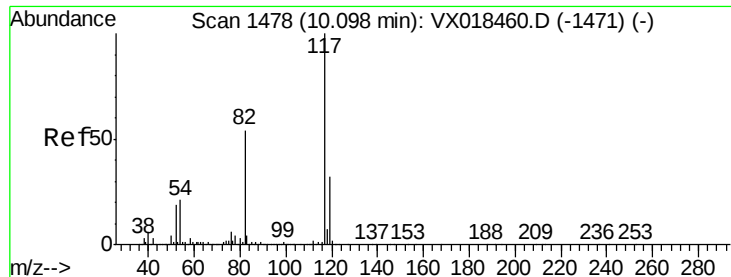
MMDadoda
 9/28/2020 12:50:12 PM



#62
 4-Bromofluorobenzene
 Concen: 48.594 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018597.D
 Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	161.4
176	79.8	0.0	151.4





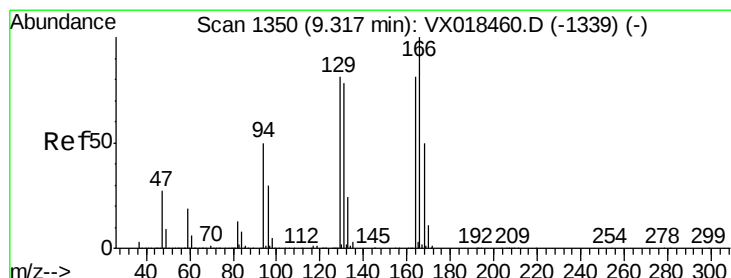
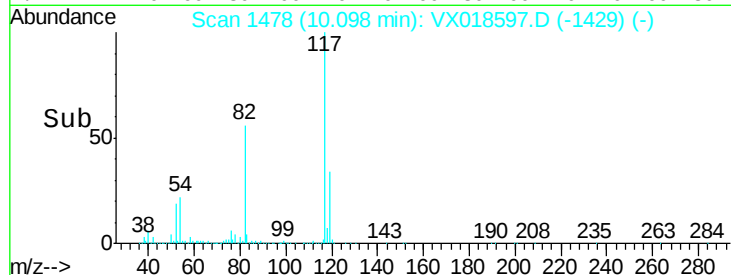
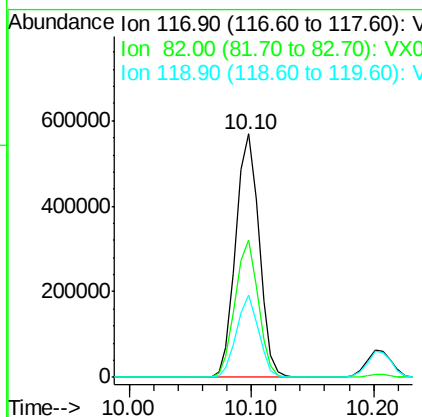
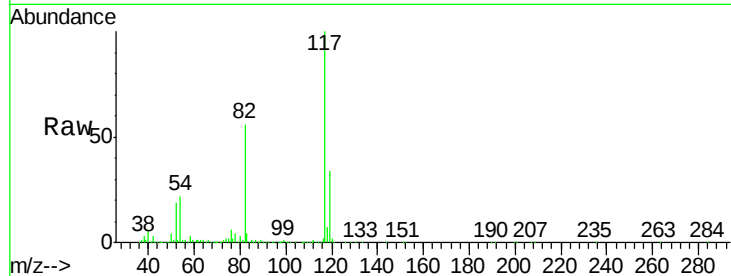
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	56.3	43.3	64.9
119	33.7	25.9	38.9

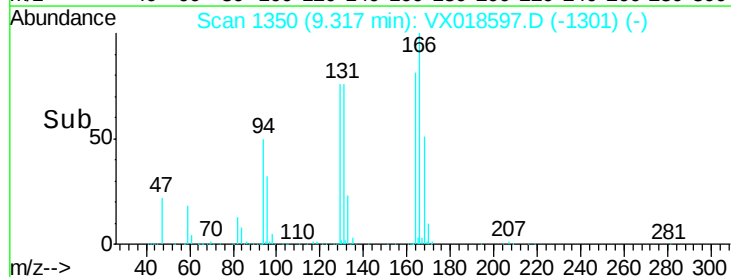
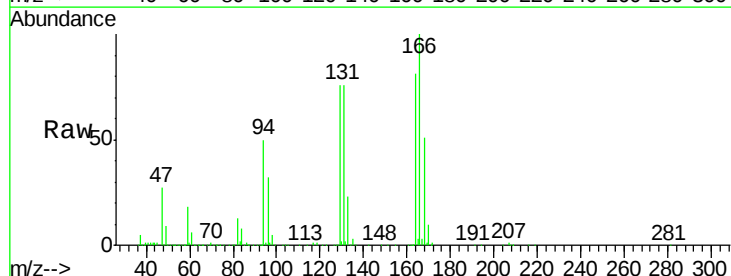
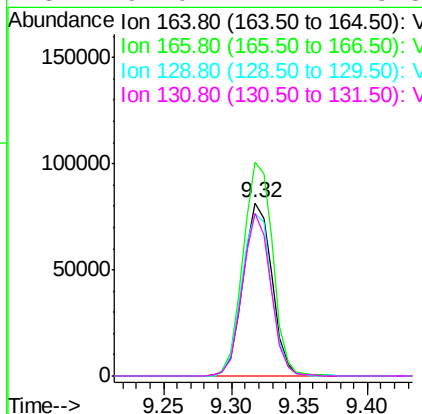
Manual Integrations
APPROVED

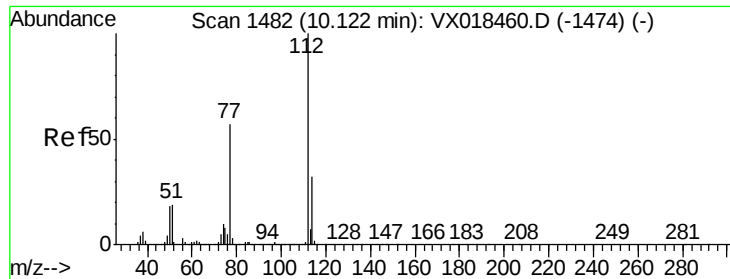
MMDadoda
9/28/2020 12:50:12 PM



#64
Tetrachloroethene
Concen: 20.514 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	123.2	99.3	148.9
129	94.0	80.7	121.1
131	94.0	77.2	115.8





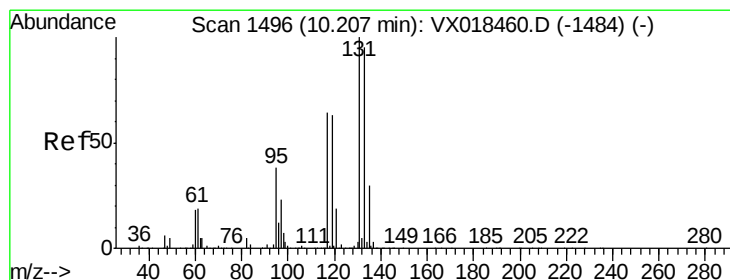
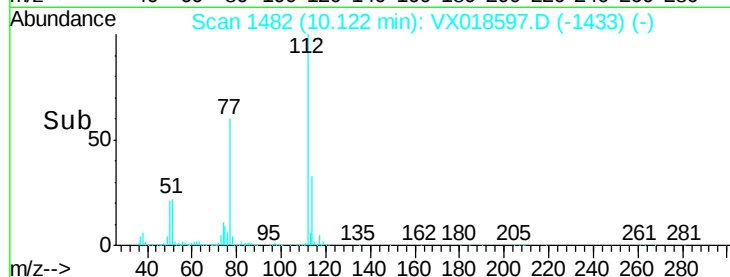
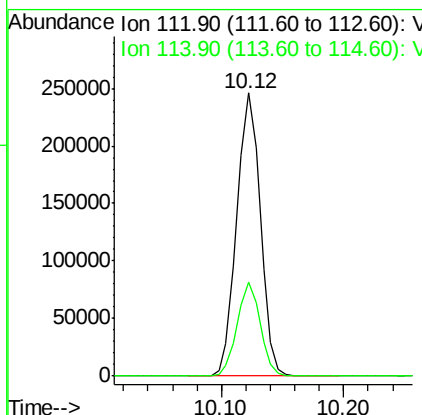
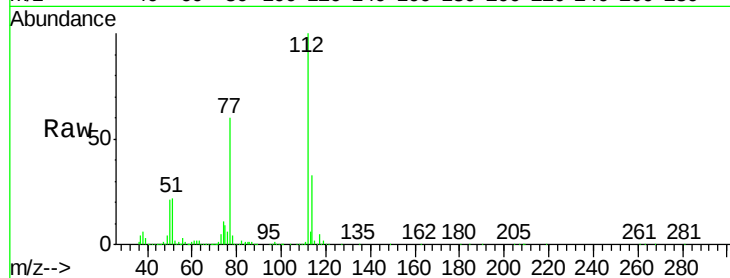
#65
Chlorobenzene
Concen: 21.267 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.4	38.0

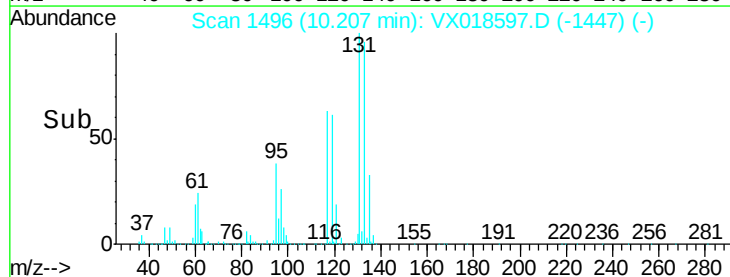
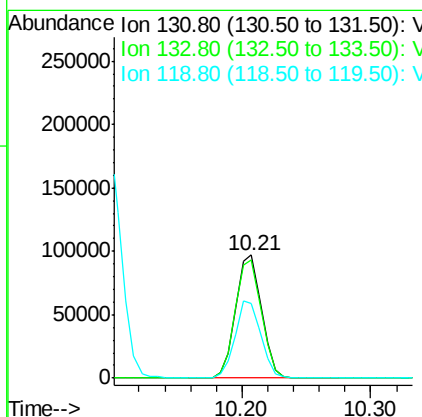
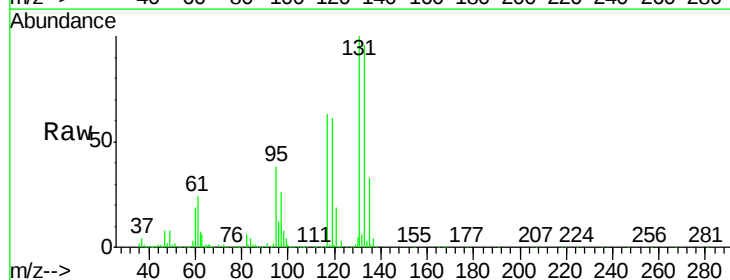
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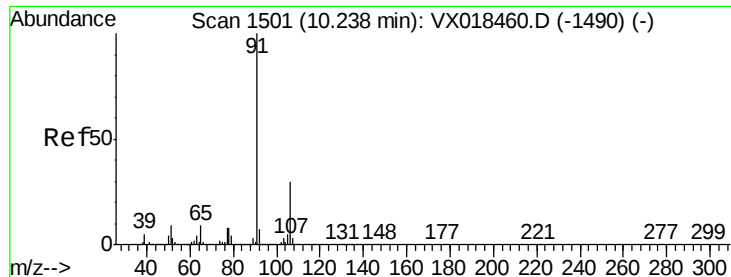
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.951 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.4	47.8	143.4
119	62.4	31.9	95.7





#67

Ethyl Benzene

Concen: 21.332 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS02

Tot Ion: 91 Resp: 570378

Ion Ratio Lower Upper

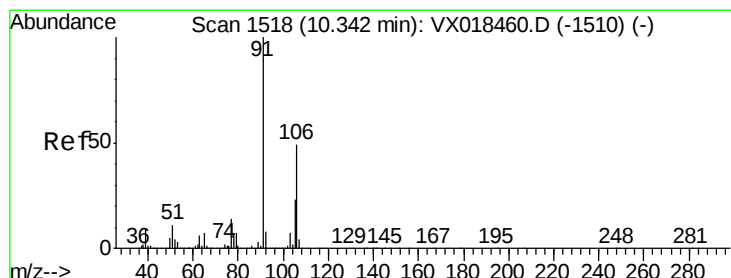
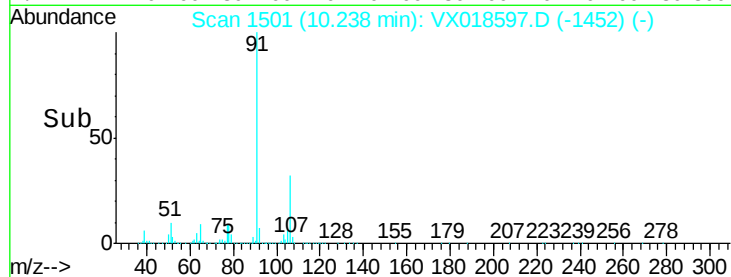
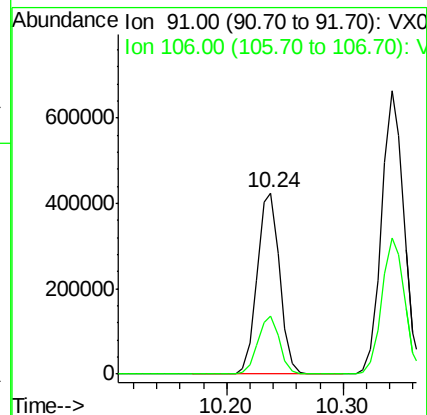
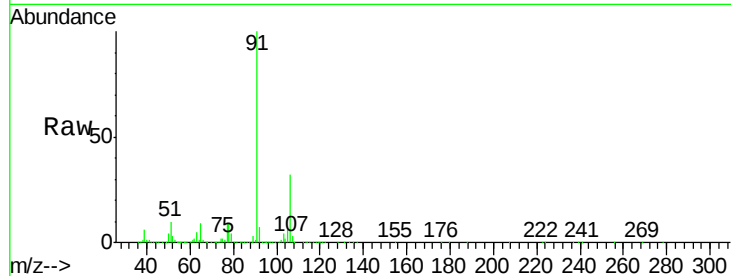
91 100

106 32.2 24.1 36.1

Manual Integrations
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#68

m/p-Xylenes

Concen: 43.106 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018597.D

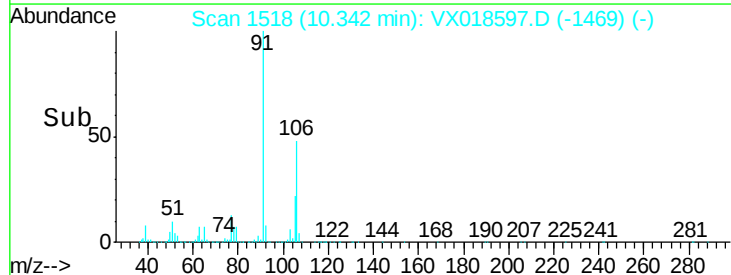
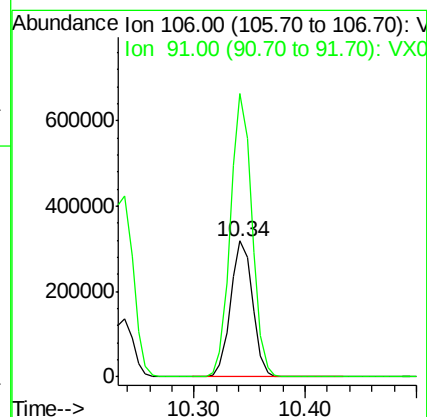
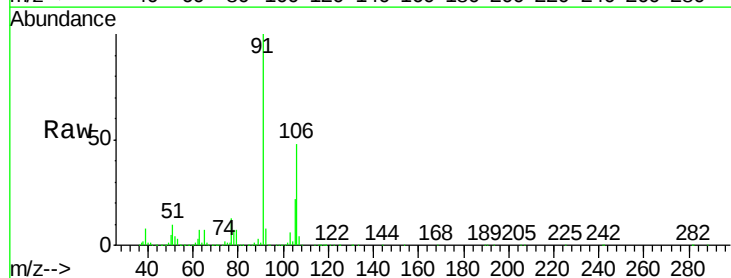
Acq: 25 Sep 2020 15:57

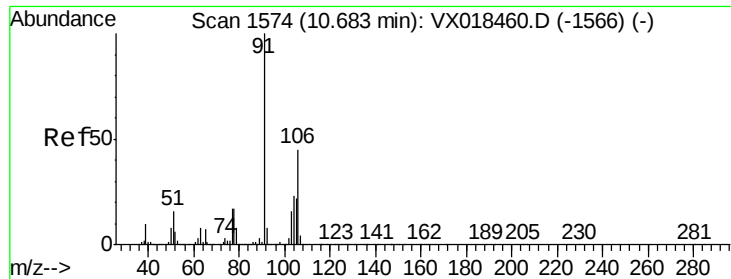
Tgt Ion: 106 Resp: 435989

Ion Ratio Lower Upper

106 100

91 204.0 163.8 245.6





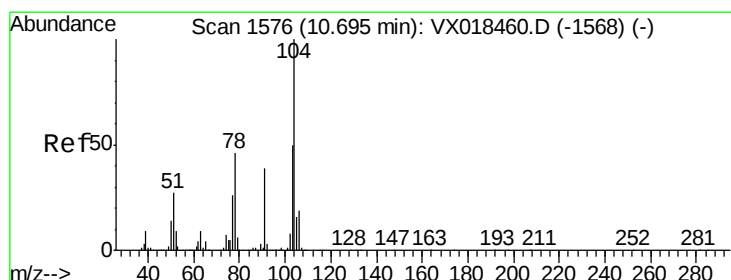
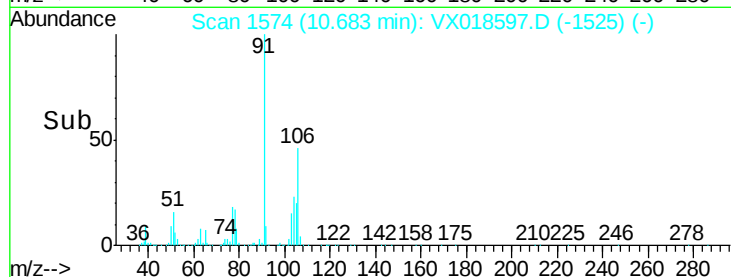
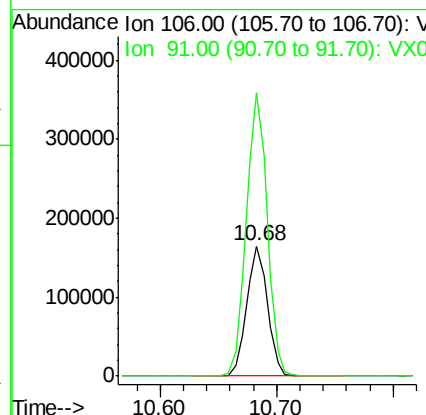
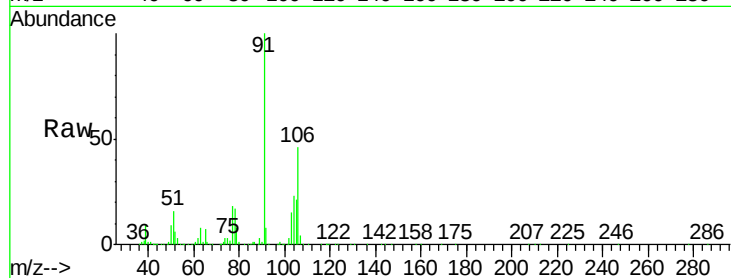
#69
o-Xylene
Concen: 21.467 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampled :
VX0925WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		205608		
91	220.1	109.7	329.0		

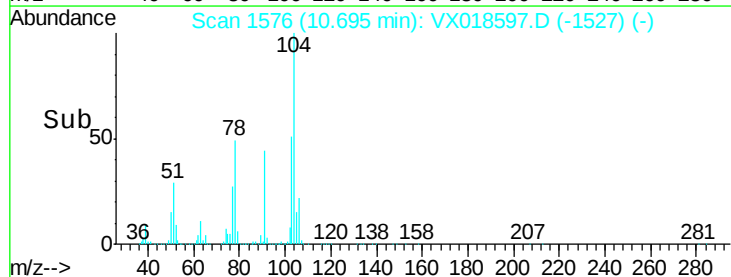
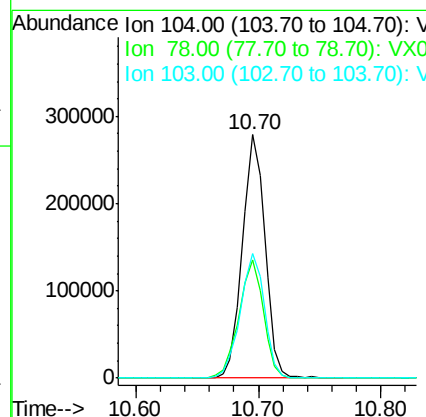
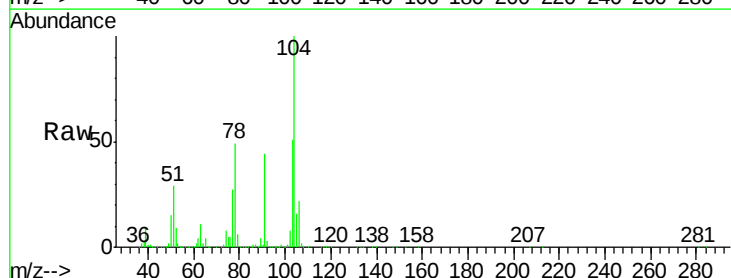
Manual Integrations
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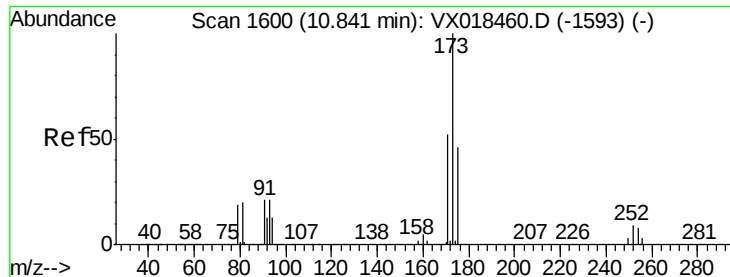
MMDadoda
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#70
Styrene
Concen: 21.548 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		356357		
78	52.8	40.5	60.7		
103	54.8	43.2	64.8		





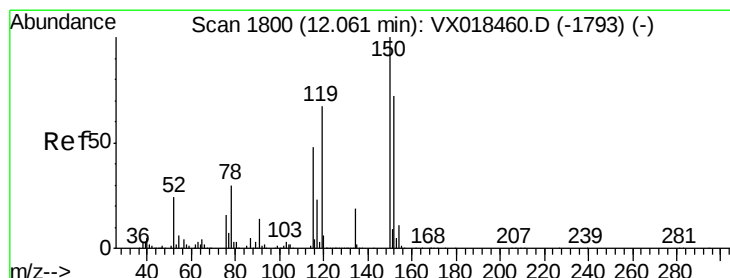
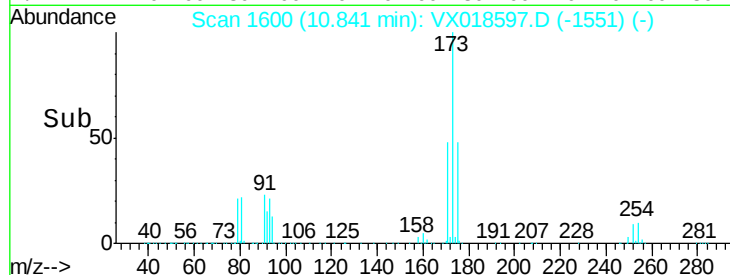
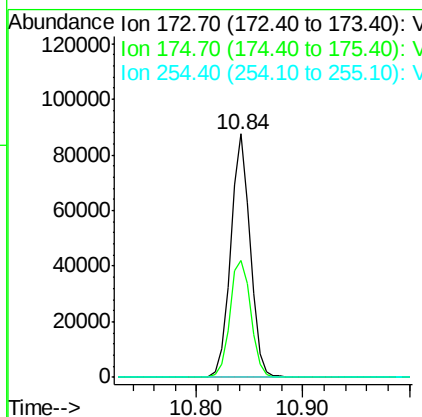
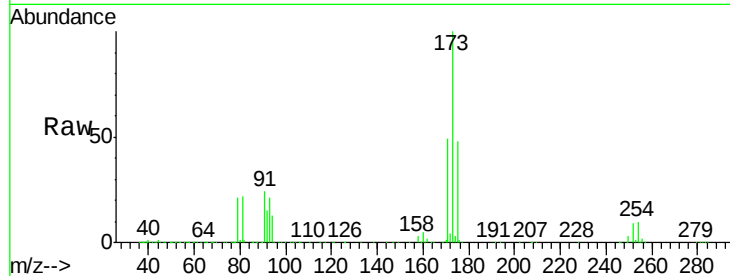
#71
Bromoform
Concen: 21.594 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tot Ion	Ratio	Resp	Lower	Upper
173	100	112352		
175	51.6	23.6	70.8	
254	0.1	0.1	0.1#	

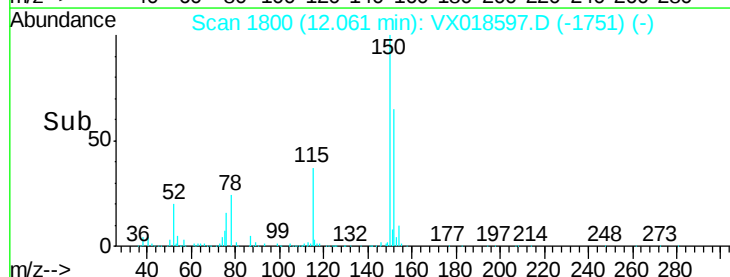
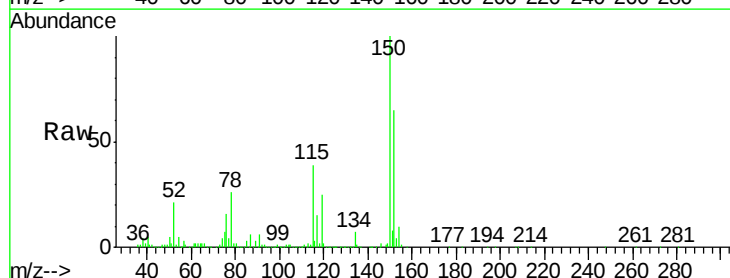
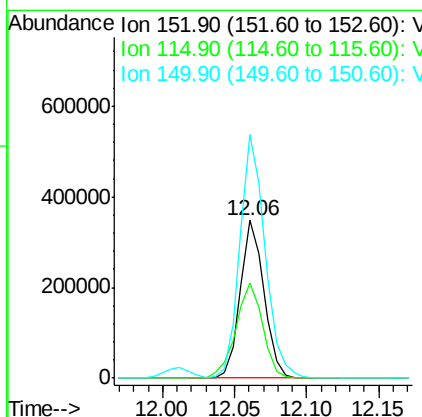
Manual Integrations
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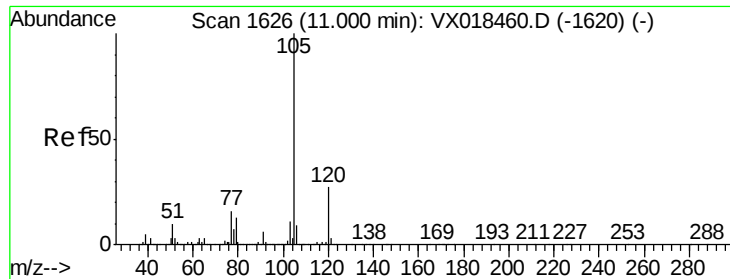
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	397782		
115	68.7	41.8	125.4	
150	164.0	0.0	342.4	





#73

Isopropylbenzene

Concen: 21.226 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS02

Tot Ion: 105 Resp: 564055

Ion Ratio Lower Upper

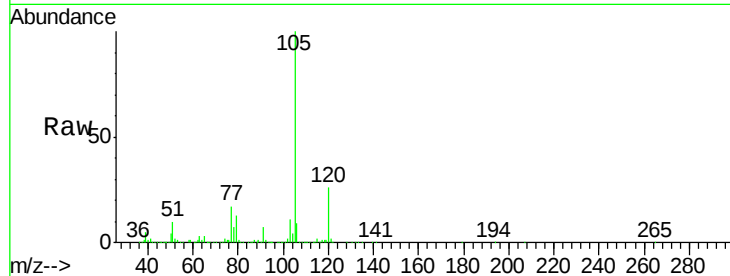
105 100

120 26.1 13.4 40.2

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

400000

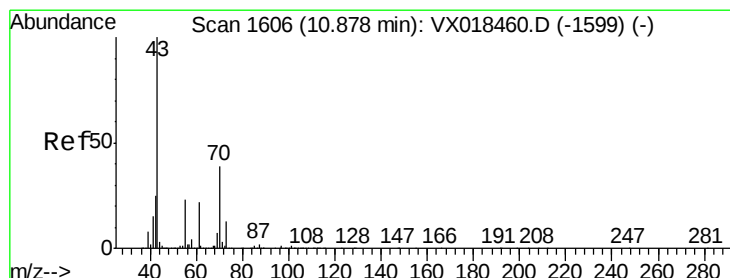
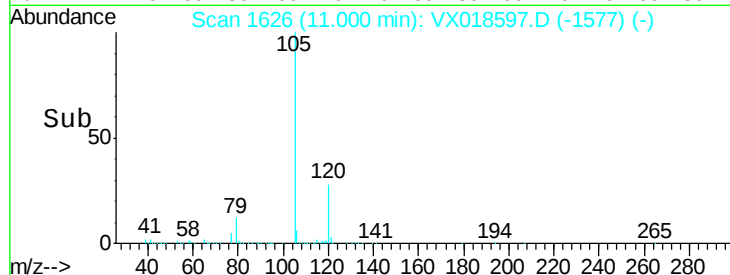
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 20.436 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Tgt Ion: 43 Resp: 244479

Ion Ratio Lower Upper

43 100

70 39.4 32.2 48.4

55 23.7 18.8 28.2

61 24.1 19.0 28.4

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

250000

200000

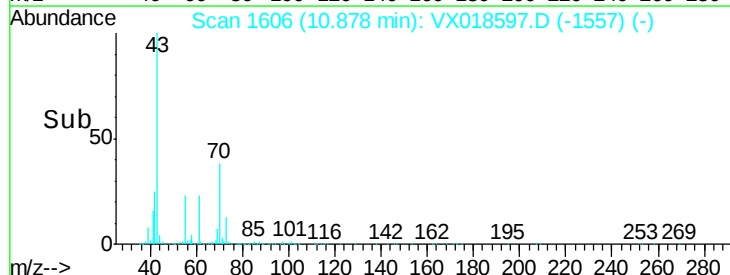
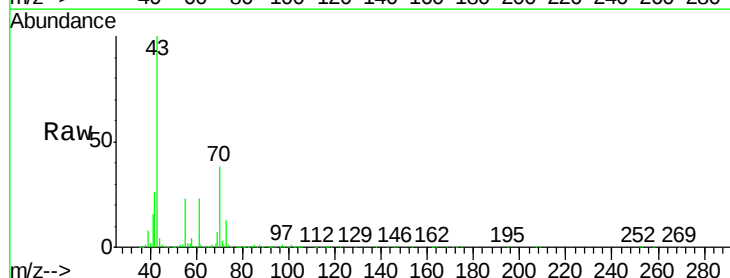
150000

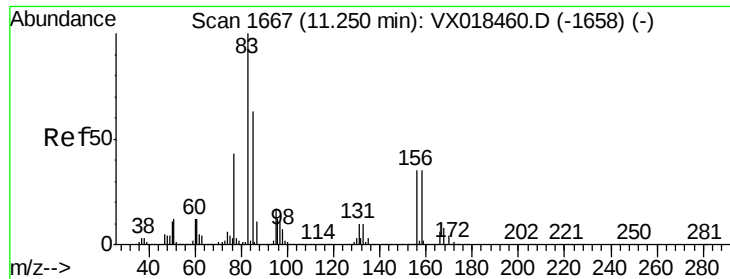
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.506 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

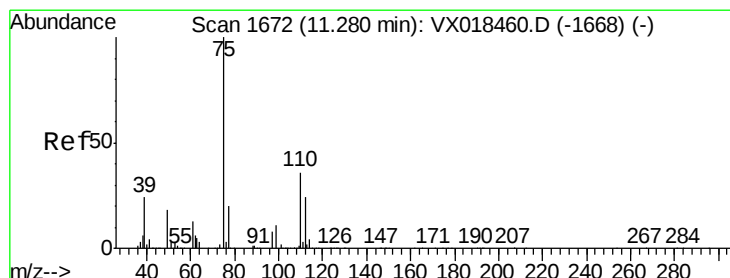
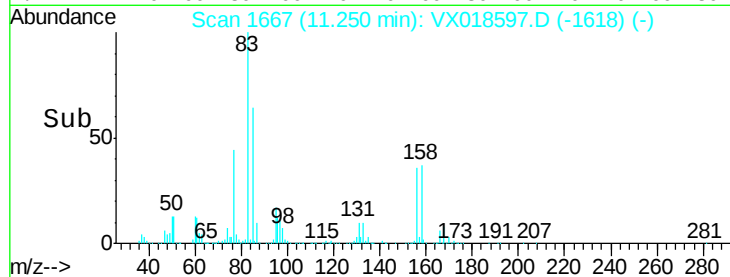
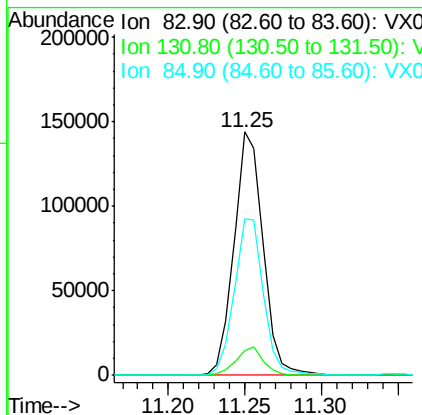
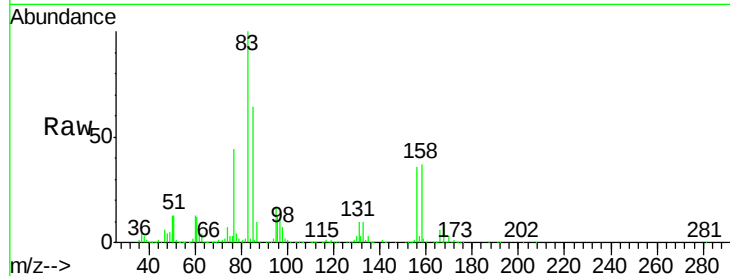
ClientSampleId :

VX0925WBS02

Tot Ion:	83	Resp:	189164
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.1	15.4
85	65.0	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.360 ug/l m

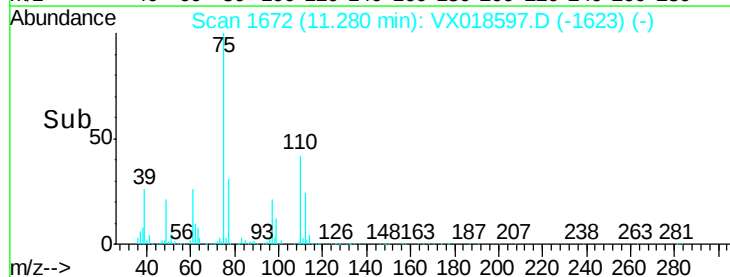
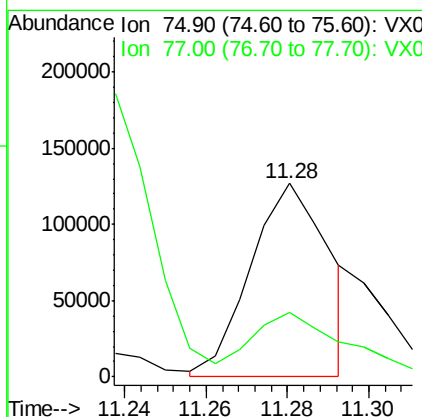
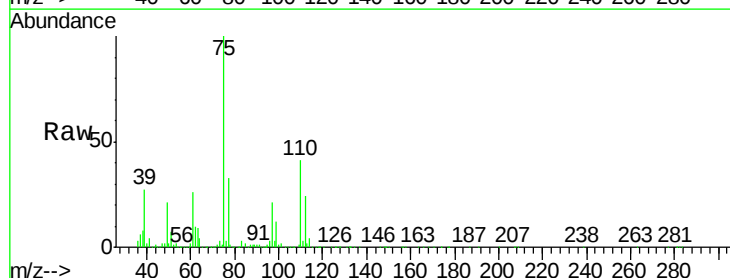
RT: 11.28 min Scan# 1672

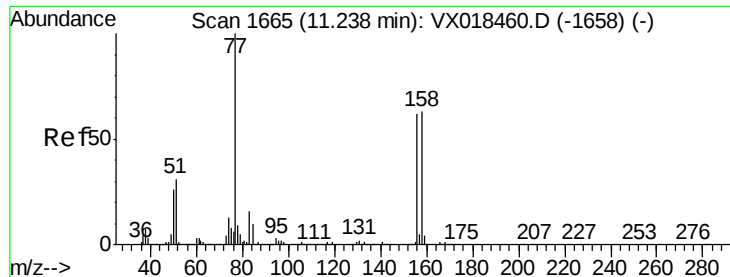
Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Tgt Ion:	75	Resp:	170189
Ion Ratio	Lower	Upper	
75	100		
77	40.4	20.9	62.7





#77

Bromobenzene

Concen: 20.903 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

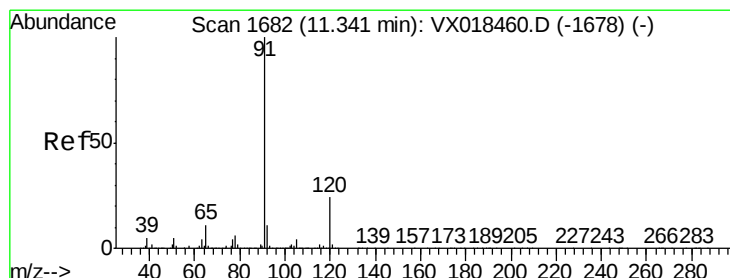
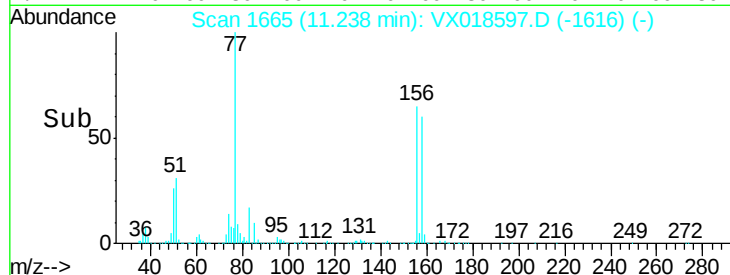
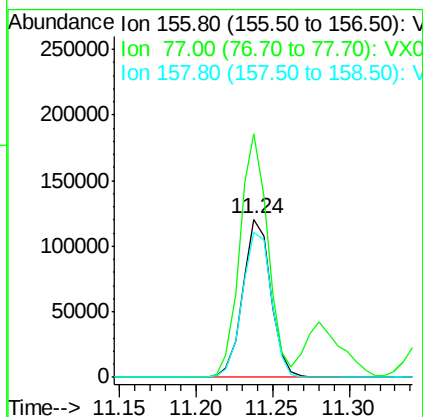
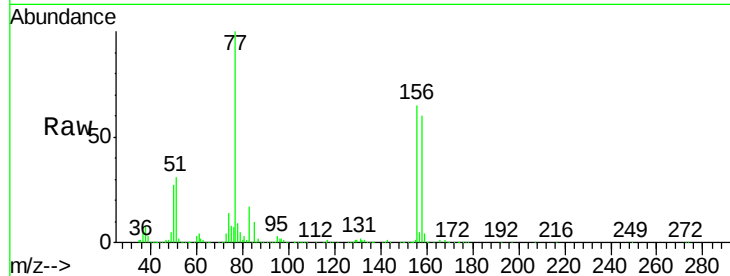
ClientSampleId :

VX0925WBS02

Tot Ion:	156	Resp:	153263
Ion Ratio	Lower	Upper	
156	100		
77	154.1	78.8	236.5
158	95.4	48.4	145.3

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#78

n-propylbenzene

Concen: 20.761 ug/l

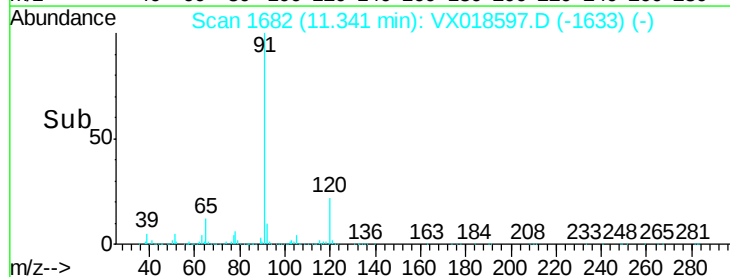
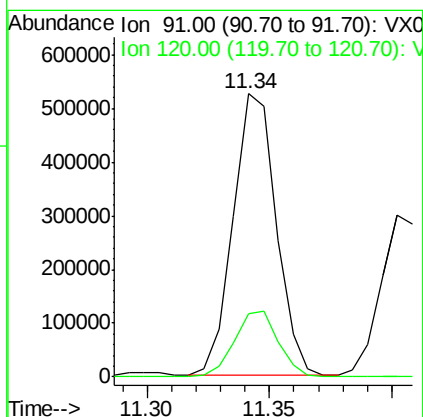
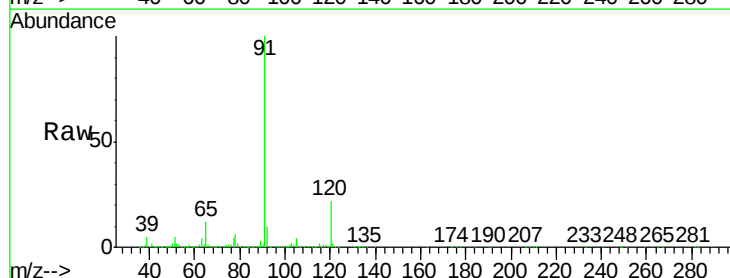
RT: 11.34 min Scan# 1682

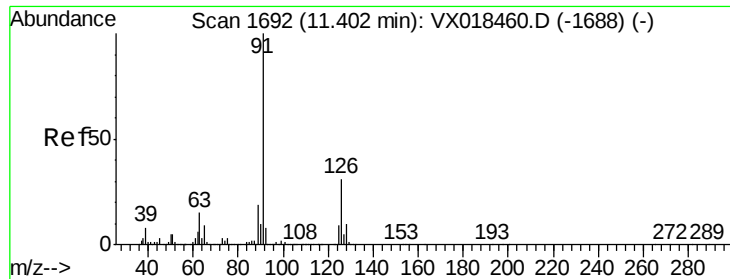
Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Tgt Ion:	91	Resp:	645756
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.3





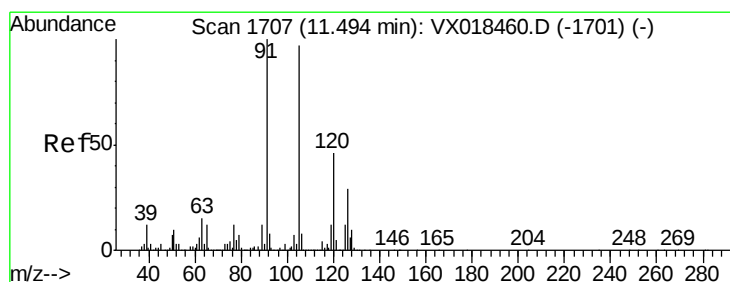
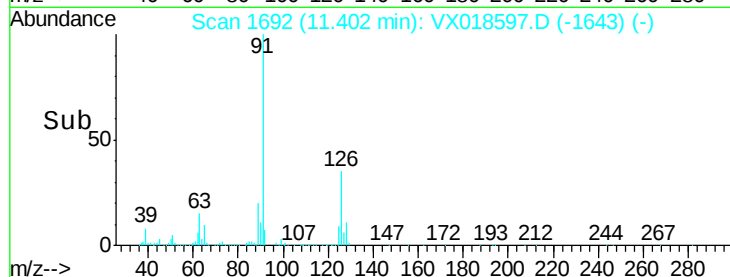
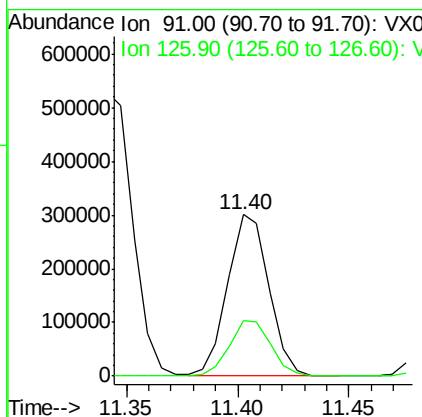
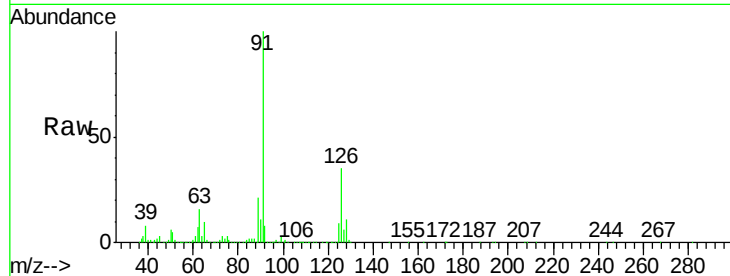
#79
2-Chlorotoluene
Concen: 20.442 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.3	16.6	49.7

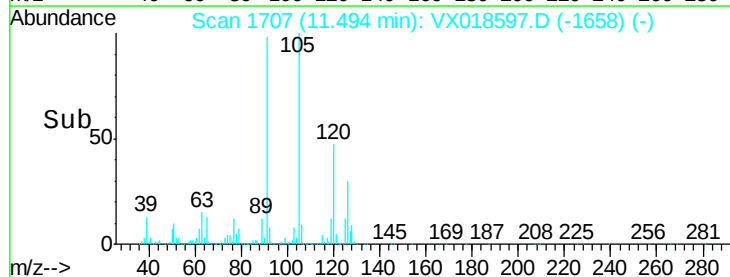
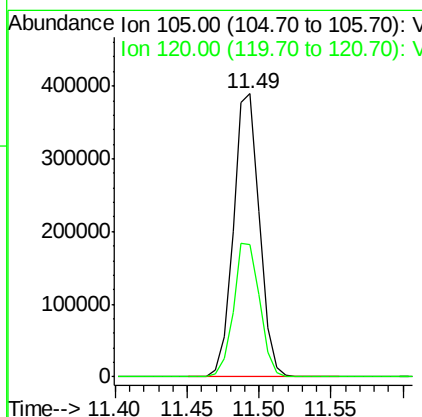
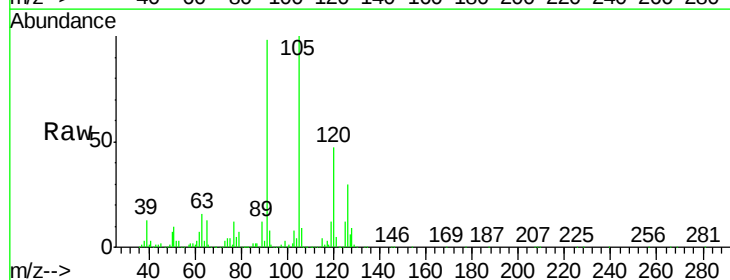
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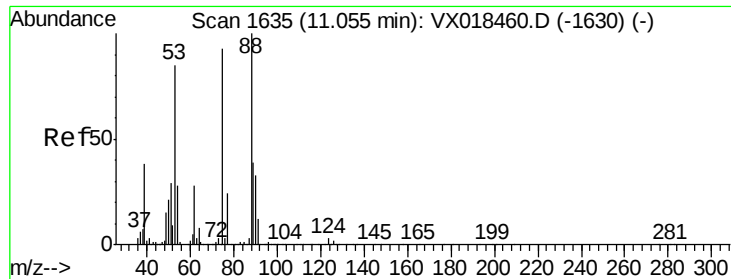
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#80
1,3,5-Trimethylbenzene
Concen: 21.630 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.6	71.0





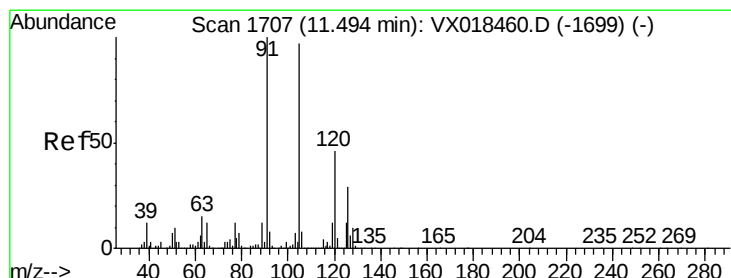
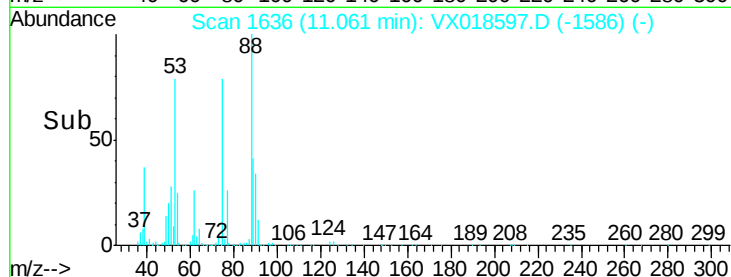
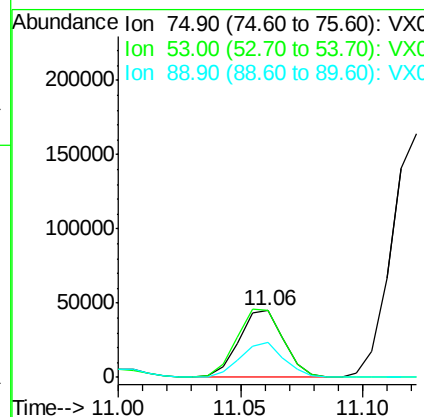
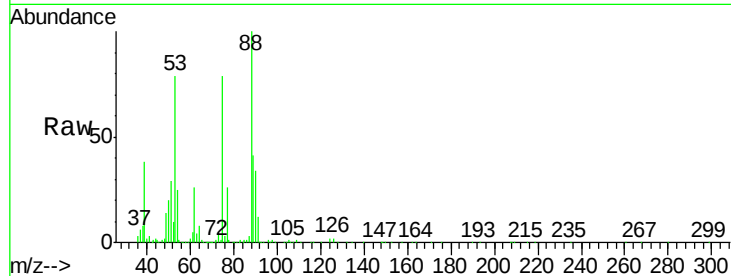
#81
trans-1,4-Dichloro-2-butene
Concen: 17.747 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.2	74.6	111.8
89	49.8	36.2	54.4

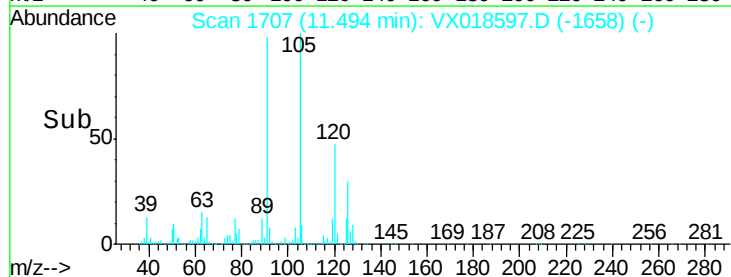
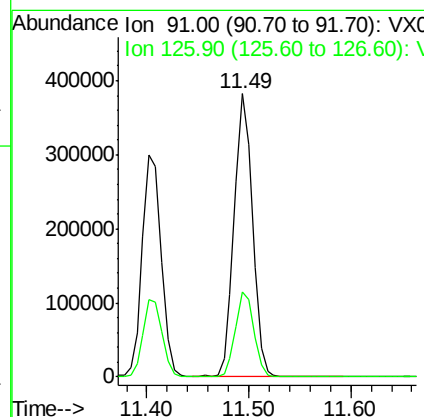
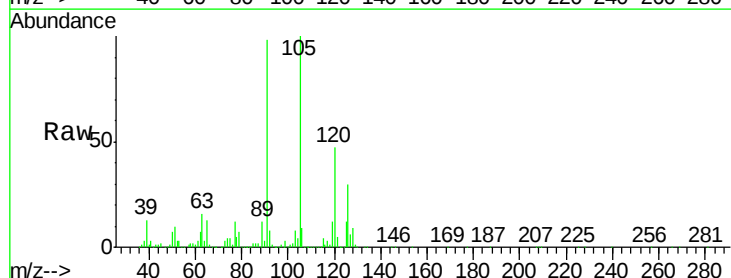
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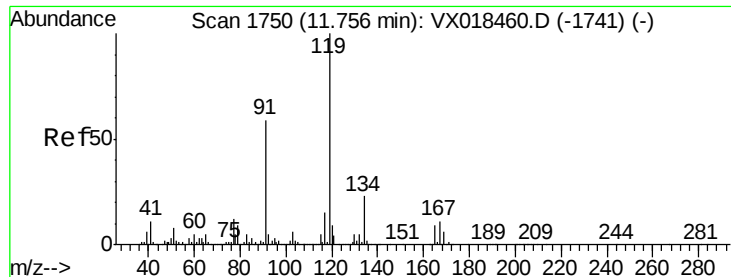
MMDadoda
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#82
4-Chlorotoluene
Concen: 21.239 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.0	45.0





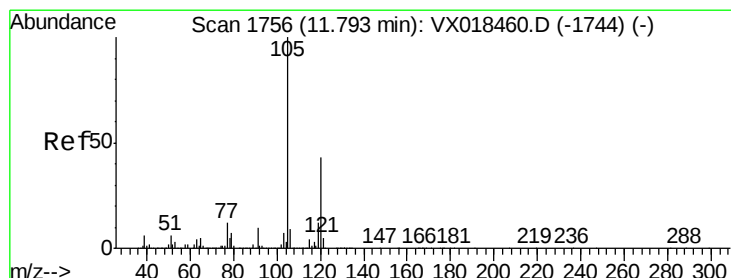
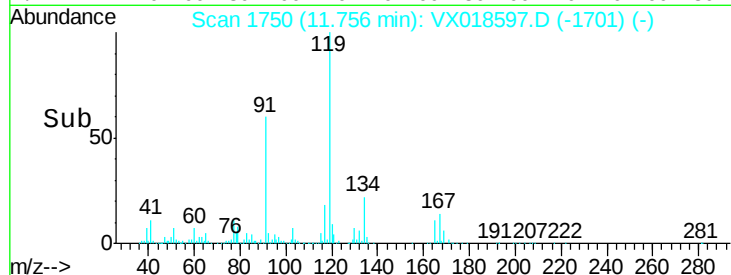
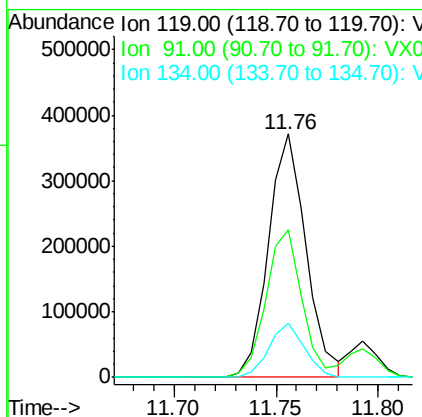
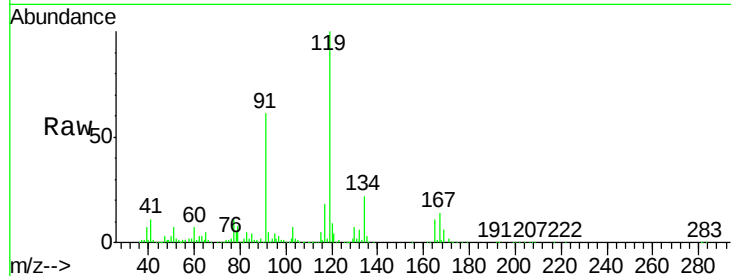
#83
 tert-Butylbenzene
 Concen: 21.629 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018597.D
 Acq: 25 Sep 2020 15:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	477252		
91	57.6	28.9	86.7	
134	21.4	11.3	33.8	

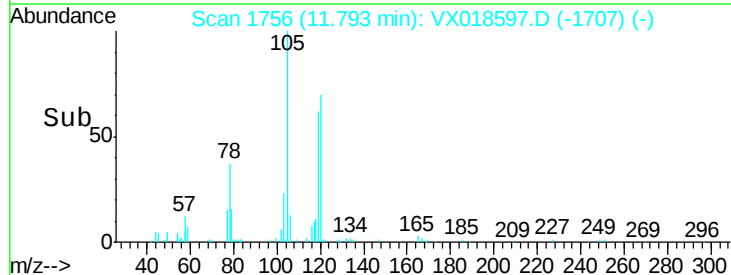
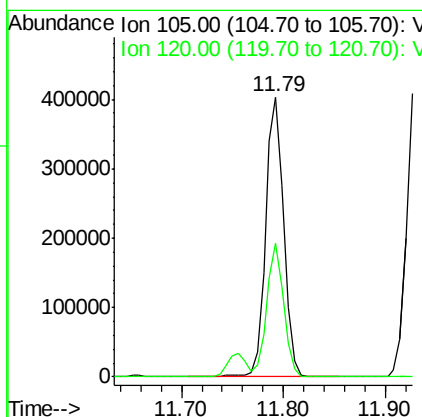
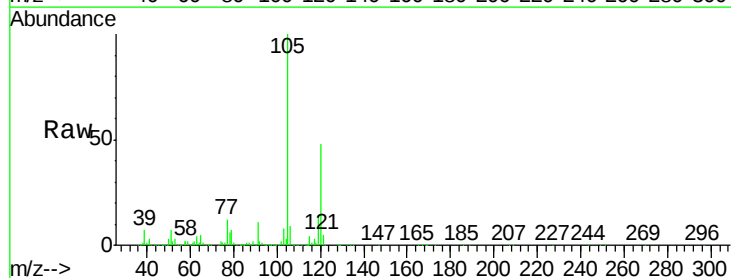
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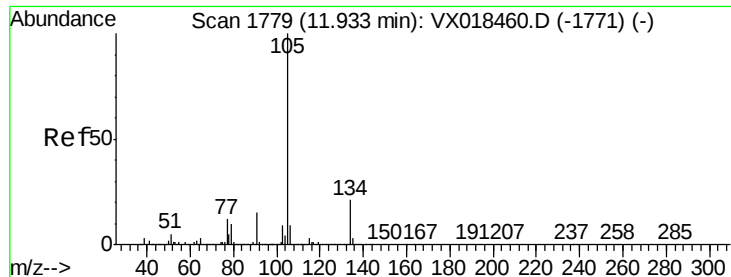
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.637 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018597.D
 Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	495195		
120	44.7	21.6	65.0	





#85

sec-Butylbenzene

Concen: 20.599 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS02

Tot Ion:105 Resp: 536286

Ion Ratio Lower Upper

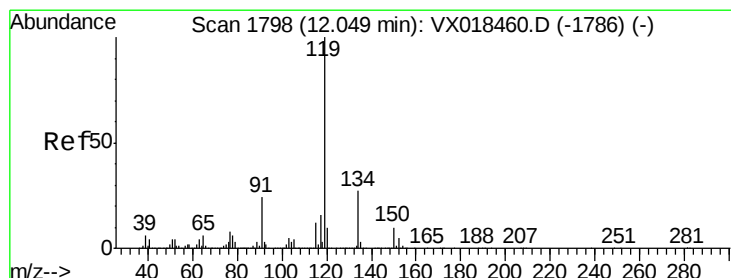
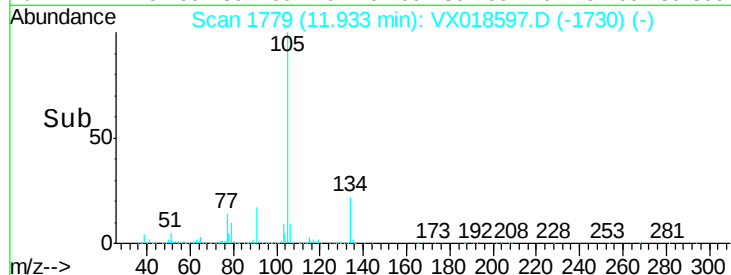
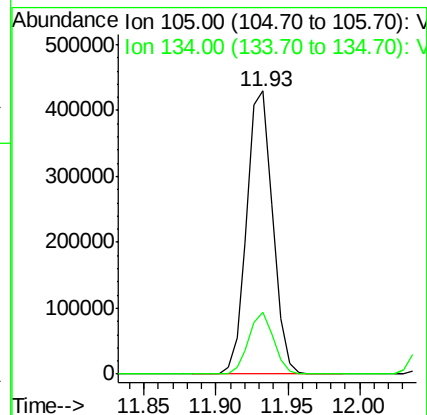
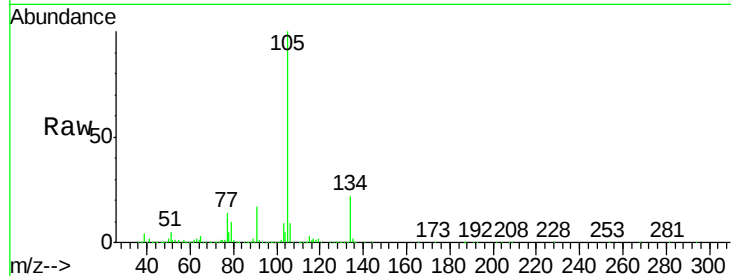
105 100

134 21.1 10.2 30.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 21.347 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

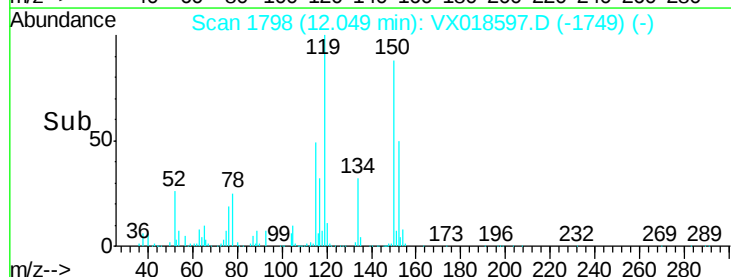
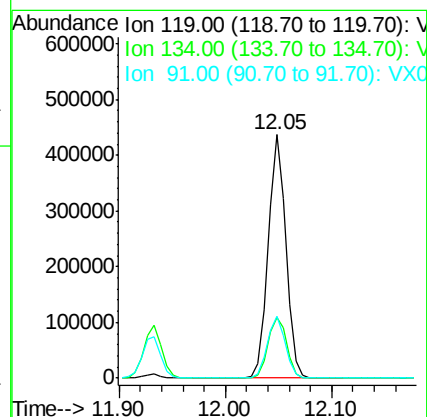
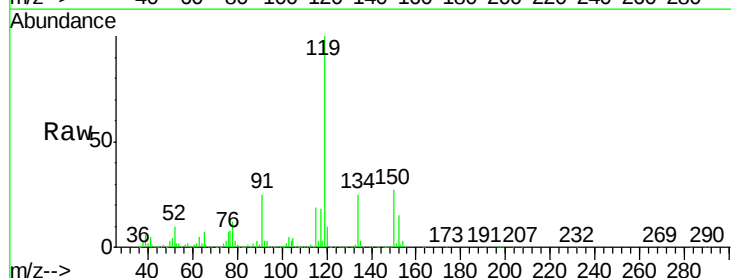
Tgt Ion:119 Resp: 510767

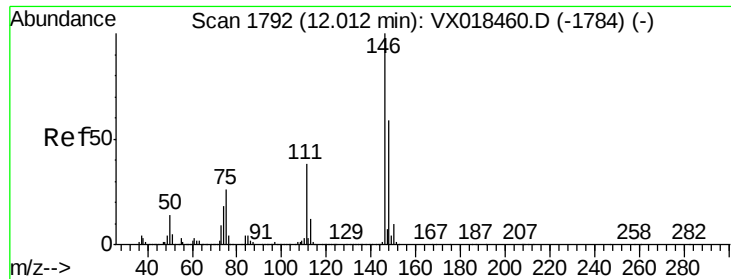
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 25.7 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 21.143 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

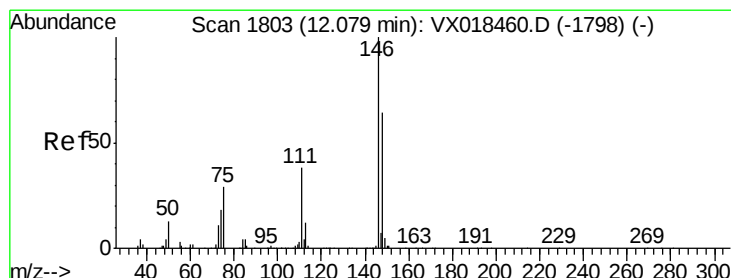
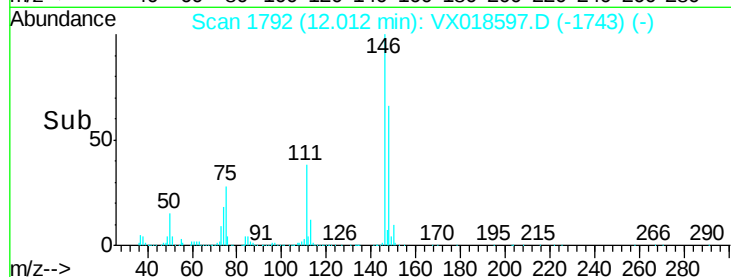
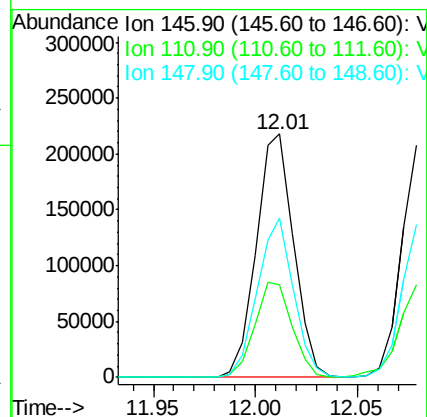
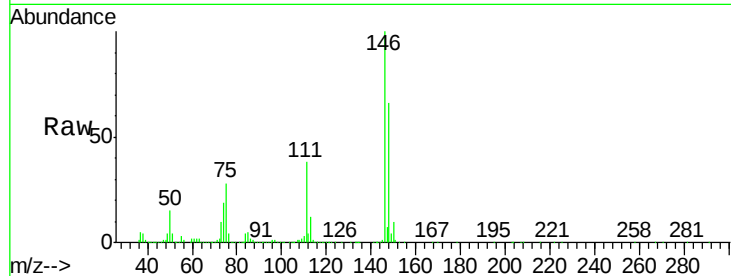
ClientSampleId :

VX0925WBS02

Tot Ion:	146	Resp:	278733
Ion Ratio	Lower	Upper	
146	100		
111	39.1	20.4	61.2
148	63.4	31.1	93.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.207 ug/l

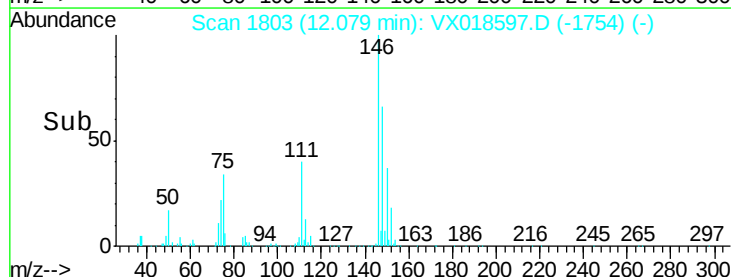
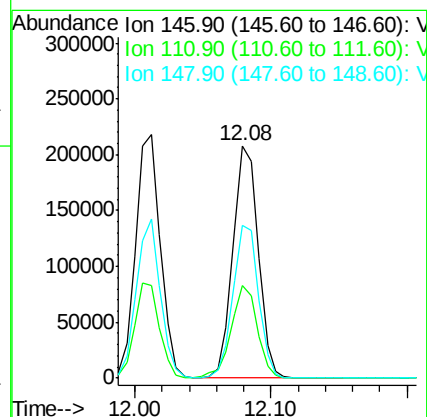
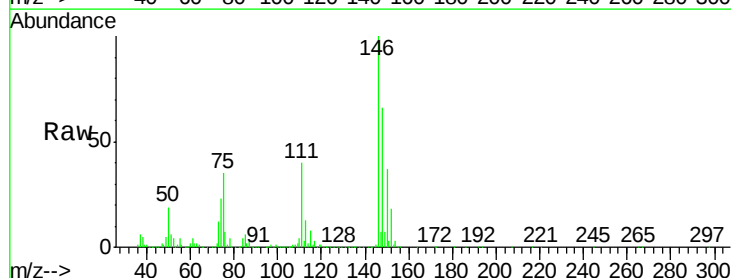
RT: 12.08 min Scan# 1803

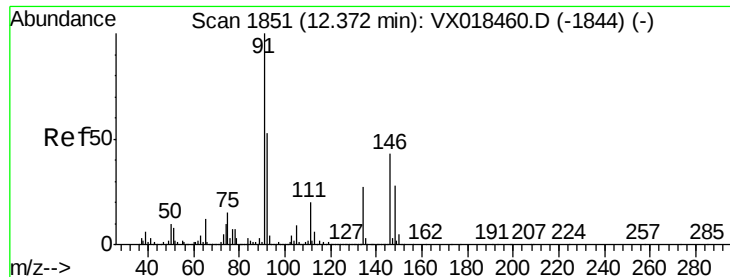
Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Tgt Ion:	146	Resp:	270107
Ion Ratio	Lower	Upper	
146	100		
111	40.5	19.4	58.4
148	66.4	31.8	95.4





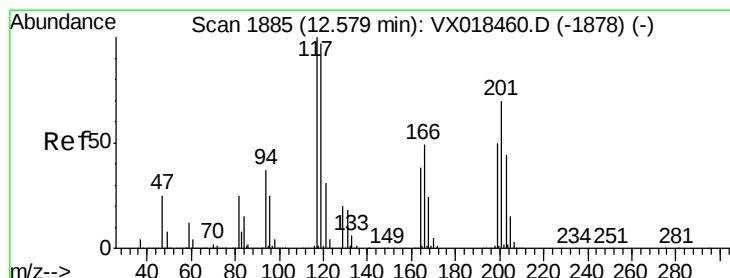
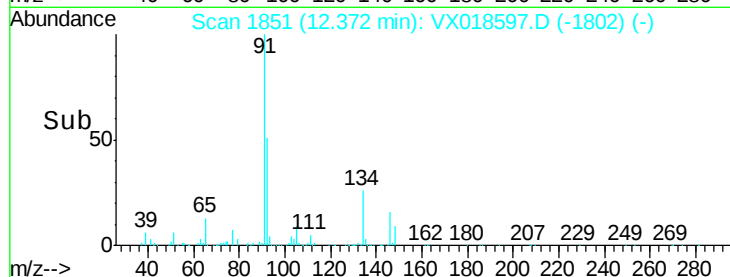
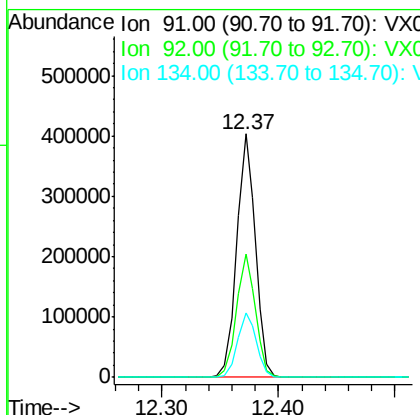
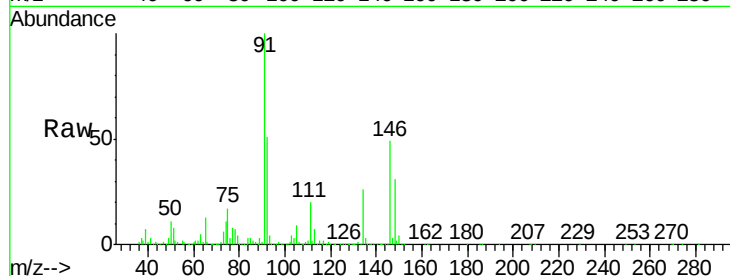
#89
n-Butylbenzene
Concen: 20.369 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.1	78.2
134	26.7	13.3	39.8

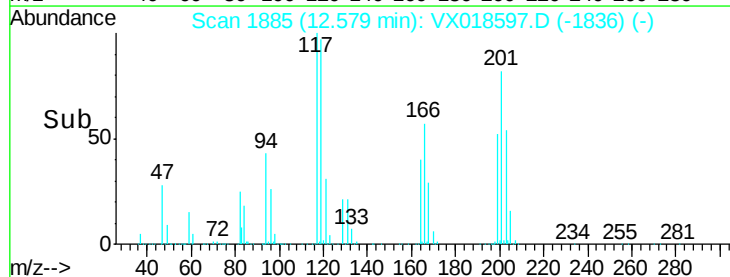
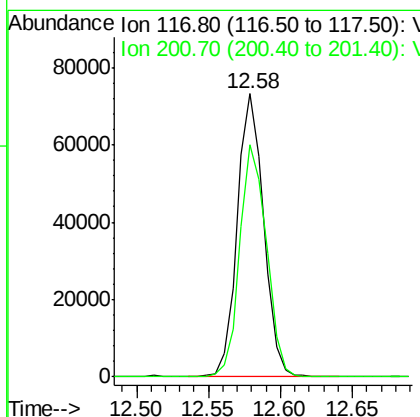
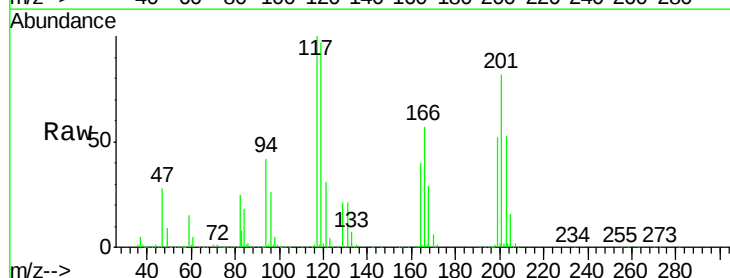
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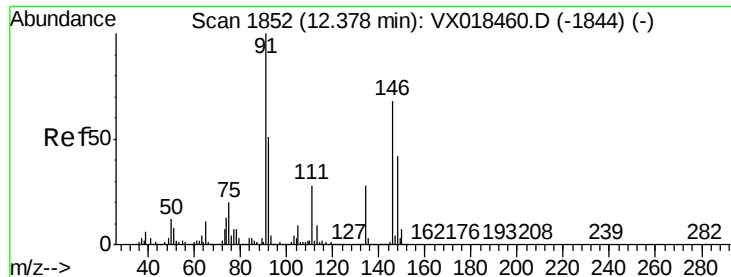
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#90
Hexachloroethane
Concen: 19.536 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.9	36.2	108.6





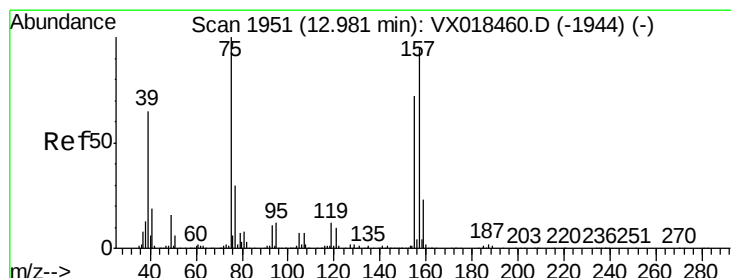
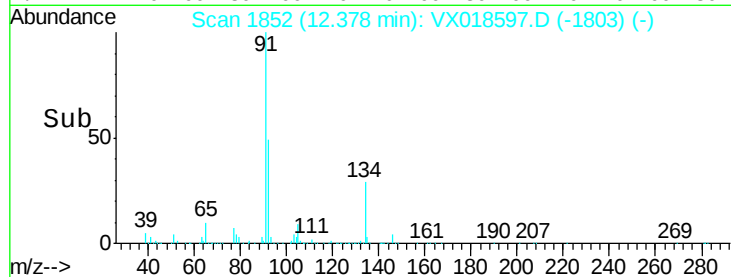
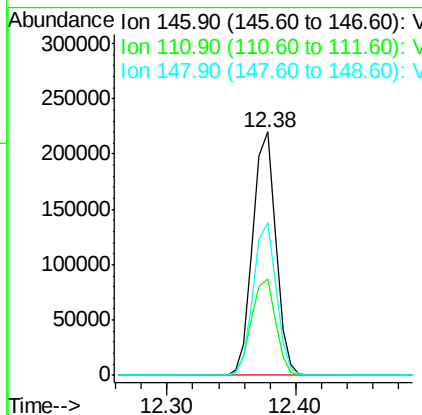
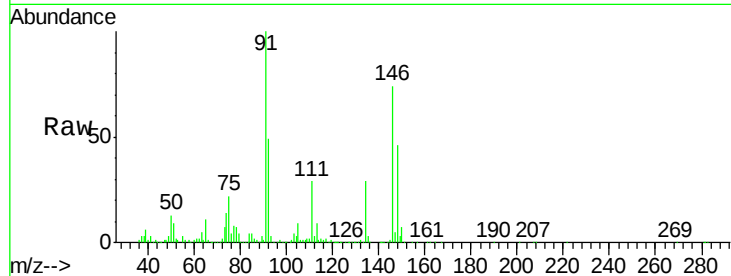
#91
1,2-Dichlorobenzene
Concen: 21.962 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.5	64.5
148	62.5	32.1	96.5

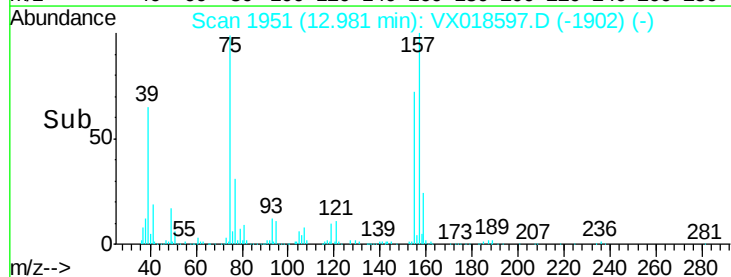
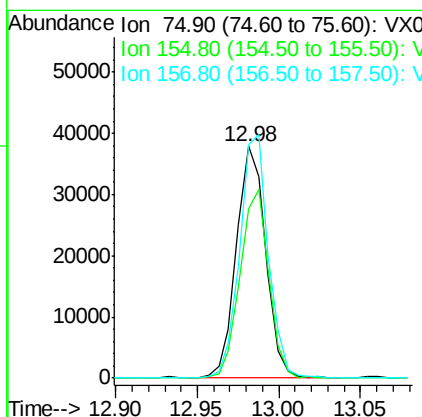
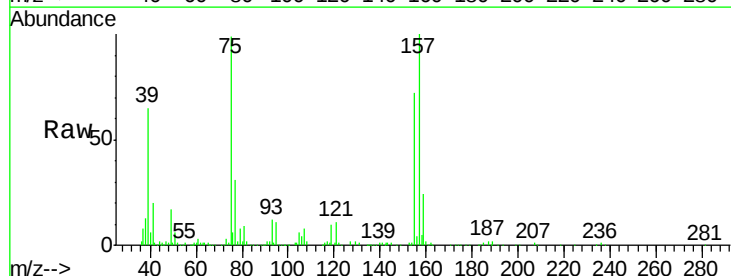
Manual Integrations
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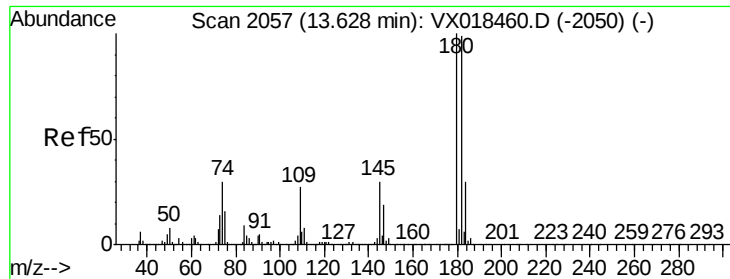
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 22.113 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX018597.D
Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.4	38.8	116.4
157	103.5	51.1	153.3





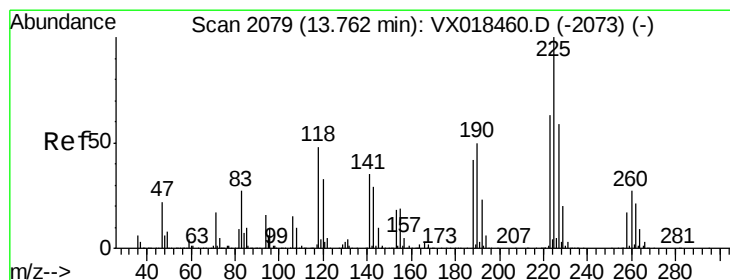
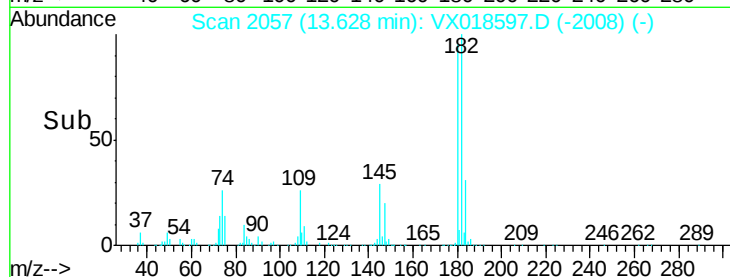
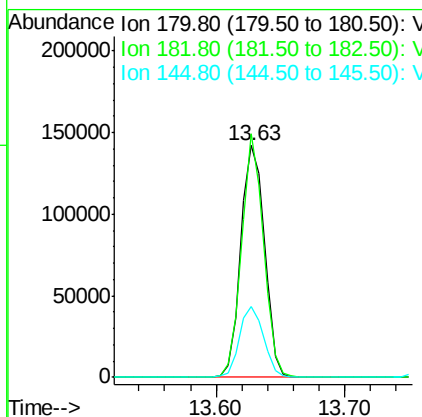
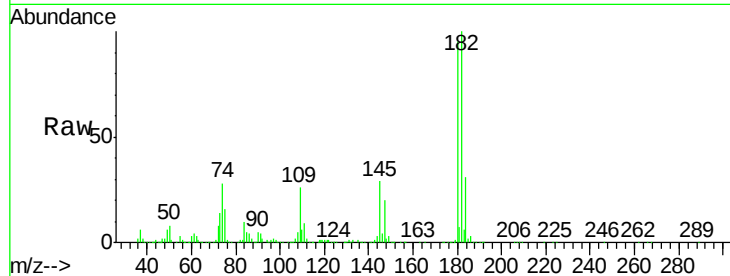
#93
 1,2,4-Trichlorobenzene
 Concen: 21.132 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018597.D
 Acq: 25 Sep 2020 15:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.7	50.2	150.6	
145	30.9	15.7	47.1	

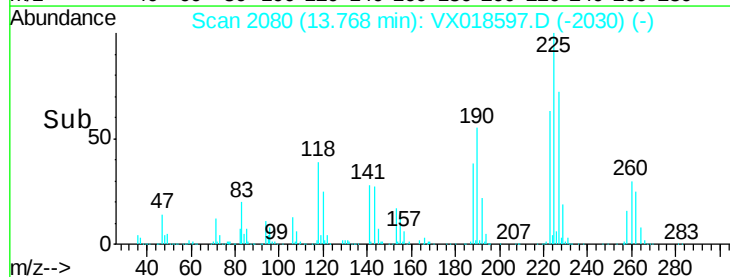
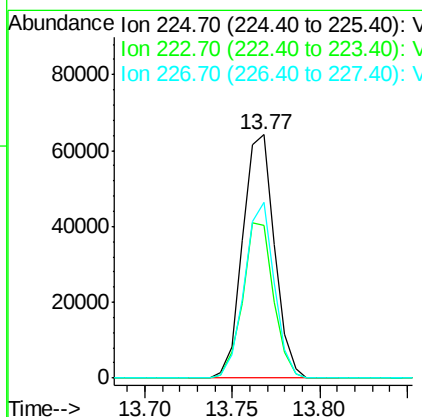
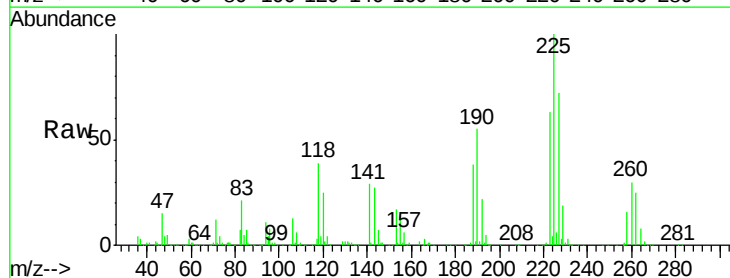
Manual Integrations
 APPROVED

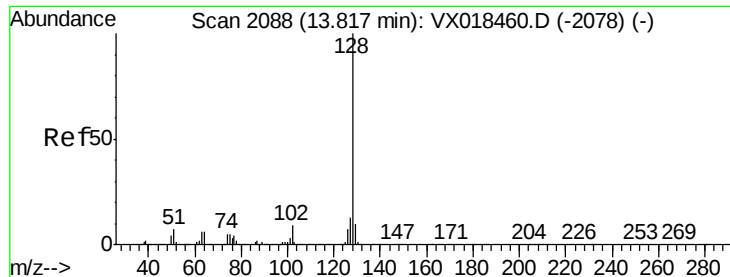
MMDadoda
 9/28/2020 12:50:12 PM



#94
 Hexachlorobutadiene
 Concen: 22.463 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018597.D
 Acq: 25 Sep 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	32.0	96.2	
227	67.4	31.7	95.1	





#95

Naphthalene

Concen: 21.373 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Instrument :

MSVOA_X

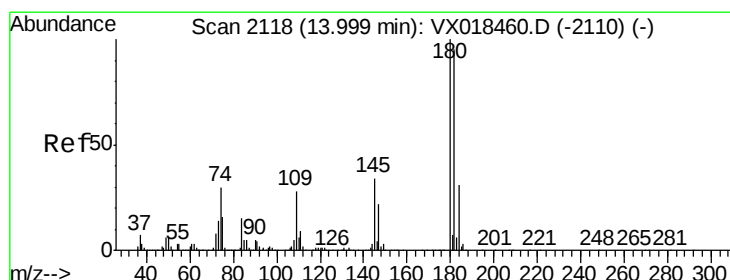
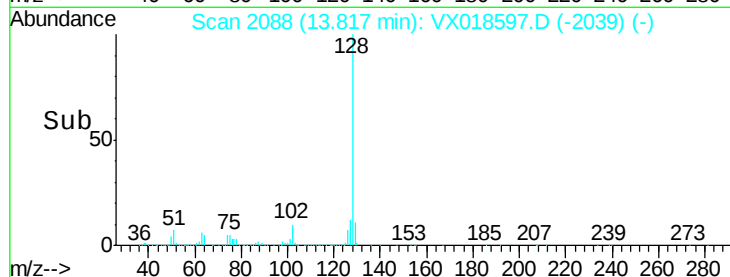
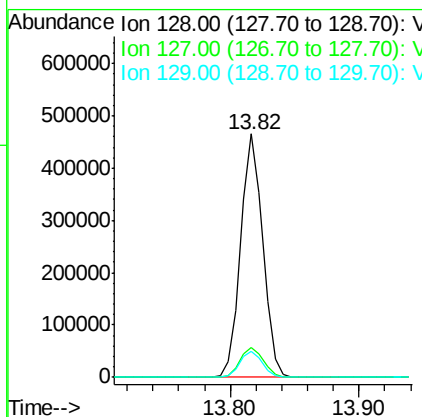
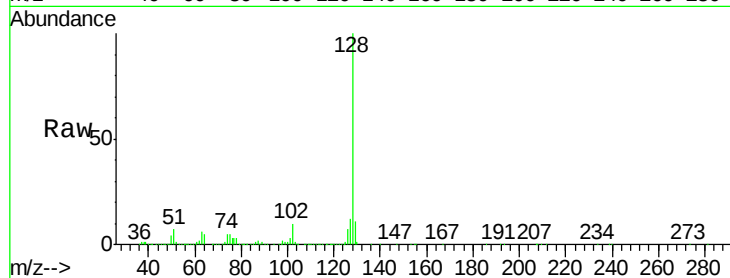
ClientSampleId :

VX0925WBS02

Tot Ion:	128	Resp:	554300
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/28/2020 12:50:12 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.050 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018597.D

Acq: 25 Sep 2020 15:57

Tgt Ion:	180	Resp:	172756
Ion Ratio	Lower	Upper	
180	100		
182	100.9	47.1	141.3
145	34.7	16.8	50.4

