

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091720\
 Data File : VX018465.D
 Acq On : 17 Sep 2020 14:53
 Operator : JC/SP
 Sample : VX0917WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:19:47 PM

Quant Time: Sep 18 06:41:35 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	5.63	168	586987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	949518	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	876682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	461547	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	393557	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
35) Dibromofluoromethane	5.47	113	308252	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
50) Toluene-d8	8.70	98	1135755	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
62) 4-Bromofluorobenzene	11.12	95	439013	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	107215	19.265	ug/l	94
3) Chloromethane	1.31	50	127647	19.592	ug/l	99
4) Vinyl Chloride	1.39	62	125327	18.170	ug/l	99
5) Bromomethane	1.64	94	85706	20.245	ug/l	100
6) Chloroethane	1.72	64	73975	18.739	ug/l	96
7) Trichlorofluoromethane	1.92	101	191120	18.239	ug/l	100
8) Diethyl Ether	2.17	74	64160	17.452	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105413	18.690	ug/l	97
10) Methyl Iodide	2.49	142	95288	17.227	ug/l	98
11) Tert butyl alcohol	3.01	59	135808	93.996	ug/l	99
12) 1,1-Dichloroethene	2.36	96	106336	18.706	ug/l	91
13) Acrolein	2.28	56	84116	91.945	ug/l	97
14) Allyl chloride	2.71	41	200090	18.164	ug/l	99
15) Acrylonitrile	3.12	53	324771	94.207	ug/l	99
16) Acetone	2.42	43	290677	91.531	ug/l	99
17) Carbon Disulfide	2.55	76	306170	18.034	ug/l	99
18) Methyl Acetate	2.75	43	150156	19.084	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	381215	19.104	ug/l	99
20) Methylene Chloride	2.84	84	123947	17.689	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	119199	18.042	ug/l	97
22) Diisopropyl ether	3.82	45	392928	18.976	ug/l	98
23) Vinyl Acetate	3.79	43	1754858	95.642	ug/l	99
24) 1,1-Dichloroethane	3.67	63	217337	18.200	ug/l	97
25) 2-Butanone	4.64	43	470036	95.045	ug/l	97
26) 2,2-Dichloropropane	4.55	77	198182	17.962	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	132796	17.933	ug/l	99
28) Bromochloromethane	4.98	49	118714	21.245	ug/l	99
29) Tetrahydrofuran	5.09	42	295681	94.860	ug/l	99
30) Chloroform	5.18	83	225778	18.634	ug/l	99
31) Cyclohexane	5.55	56	189790	18.886	ug/l	92
32) 1,1,1-Trichloroethane	5.46	97	209962	18.472	ug/l	99
36) 1,1-Dichloropropene	5.78	75	165678	17.977	ug/l	97
37) Ethyl Acetate	4.79	43	187388	19.041	ug/l	99
38) Carbon Tetrachloride	5.76	117	188660	18.484	ug/l	95

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Manual Integrations
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MMDadoda
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Quant Time: Sep 18 06:41:35 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)
39) Methylcyclohexane	7.45	83	183528	17.725	ug/l	98
40) Benzene	6.12	78	481397	18.227	ug/l	99
41) Methacrylonitrile	5.01	41	98022	17.925	ug/l	98
42) 1,2-Dichloroethane	6.17	62	185396	18.043	ug/l	99
43) Isopropyl Acetate	6.42	43	304751	18.661	ug/l	100
44) Trichloroethene	7.19	130	137313	17.959	ug/l	99
45) 1,2-Dichloropropane	7.49	63	130286	17.972	ug/l	97
46) Dibromomethane	7.64	93	89295	17.929	ug/l	99
47) Bromodichloromethane	7.88	83	181580	18.090	ug/l	93
48) Methyl methacrylate	7.74	41	146031	18.371	ug/l	100
49) 1,4-Dioxane	7.71	88	43080	327.993	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	934466	96.100	ug/l	99
52) Toluene	8.77	92	307369	18.493	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	206680	18.121	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	218889	18.629	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	127649	18.509	ug/l	97
56) Ethyl methacrylate	9.16	69	183079	17.903	ug/l	98
57) 1,3-Dichloropropane	9.35	76	210929	18.204	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	552157	101.559	ug/l	100
59) 2-Hexanone	9.47	43	716977	96.941	ug/l	98
60) Dibromochloromethane	9.57	129	143740	17.479	ug/l	100
61) 1,2-Dibromoethane	9.65	107	134524	18.333	ug/l	99
64) Tetrachloroethene	9.32	164	128626	18.636	ug/l	97
65) Chlorobenzene	10.12	112	331602	18.369	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	129646	17.903	ug/l	99
67) Ethyl Benzene	10.24	91	580472	18.577	ug/l	96
68) m/p-Xylenes	10.34	106	433368	36.664	ug/l	97
69) o-Xylene	10.68	106	206494	18.449	ug/l	99
70) Styrene	10.70	104	356434	18.443	ug/l	97
71) Bromoform	10.84	173	105736	17.390	ug/l #	90
73) Isopropylbenzene	11.00	105	571327	18.530	ug/l	100
74) N-amyl acetate	10.88	43	258726	18.639	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	187133	18.336	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	184647m	19.038	ug/l	
77) Bromobenzene	11.24	156	145064	17.052	ug/l	94
78) n-propylbenzene	11.34	91	656655	18.195	ug/l	100
79) 2-Chlorotoluene	11.40	91	405181	18.547	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	487799	18.499	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.06	75	67309	17.783	ug/l	95
82) 4-Chlorotoluene	11.49	91	469804	18.091	ug/l	100
83) tert-Butylbenzene	11.76	119	460428	17.984	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	487481	18.357	ug/l	97
85) sec-Butylbenzene	11.93	105	549777	18.200	ug/l	99
86) p-Isopropyltoluene	12.05	119	503541	18.137	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	275032	17.980	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	278514	17.957	ug/l	98
89) n-Butylbenzene	12.37	91	454207	17.672	ug/l	99
90) Hexachloroethane	12.58	117	100619	18.154	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	259762	18.144	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44357	17.904	ug/l	95

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Manual Integrations
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Quant Time: Sep 18 06:41:35 2020
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.63	180	171617	17.223	ug/l	95
94) Hexachlorobutadiene	13.77	225	74858	17.903	ug/l	98
95) Naphthalene	13.82	128	574590	19.094	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	167387	17.578	ug/l	97

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

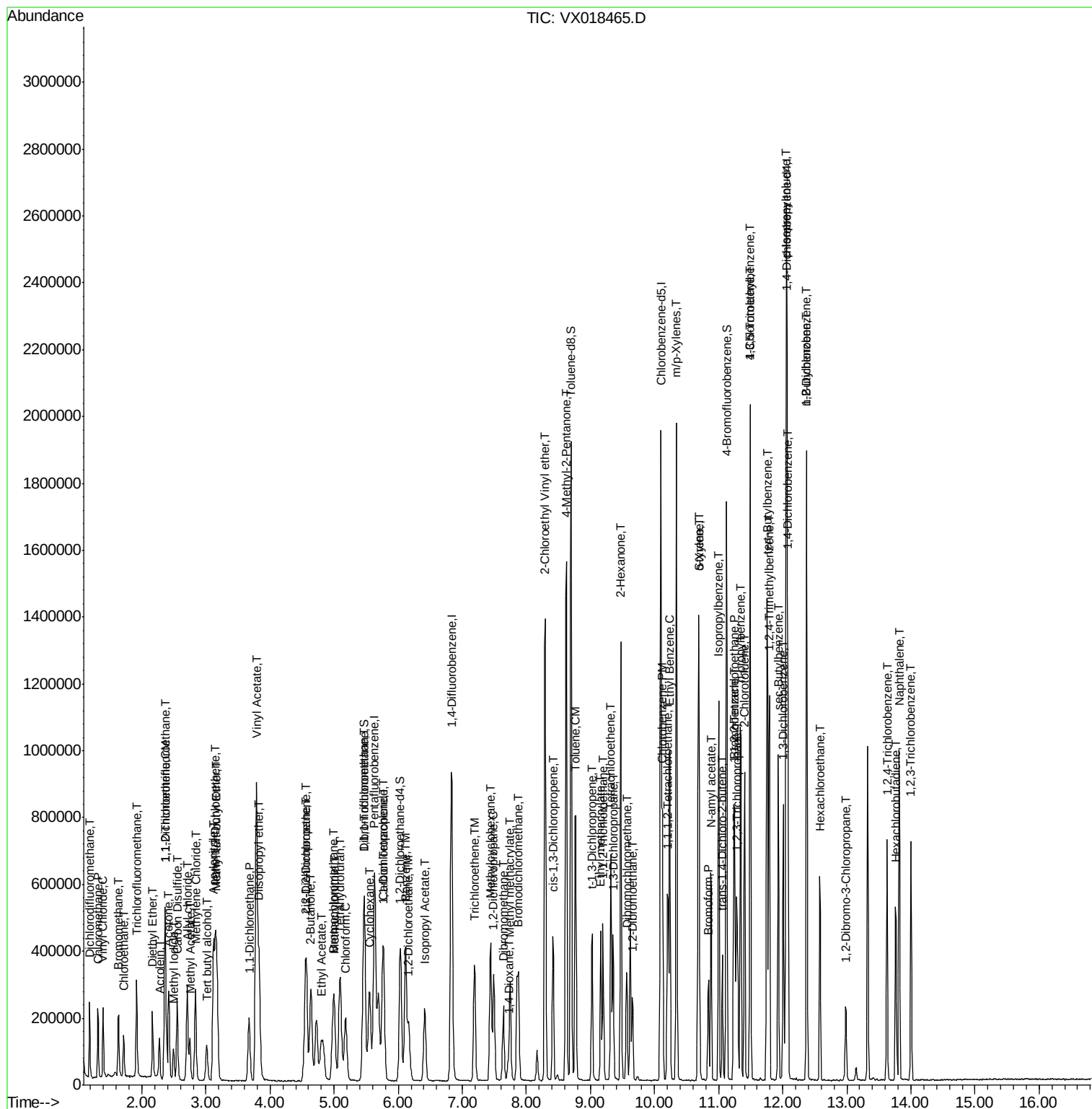
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091720\
Data File : VX018465.D
Acq On : 17 Sep 2020 14:53
Operator : JC/SP
Sample : VX0917WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

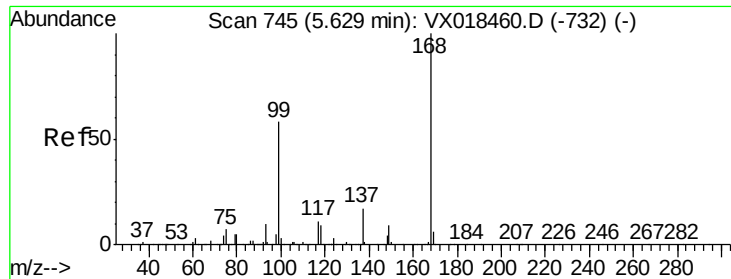
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Manual Integrations
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9/18/2020 12:19:47 PM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

Tot Ion:168 Resp: 586987

Ion Ratio Lower Upper

168 100

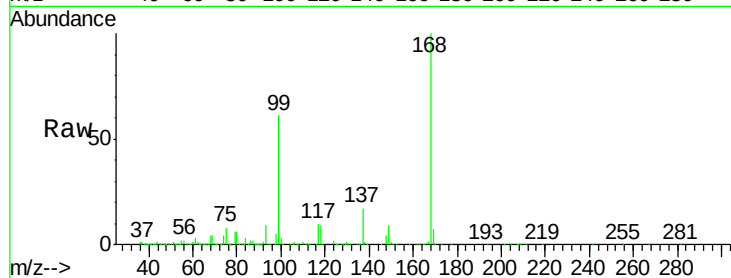
99 61.2 46.5 69.7

Manual Integrations

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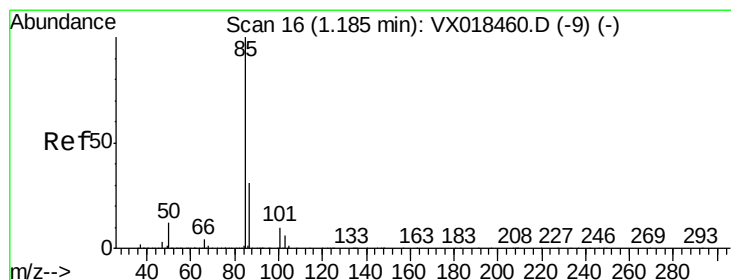
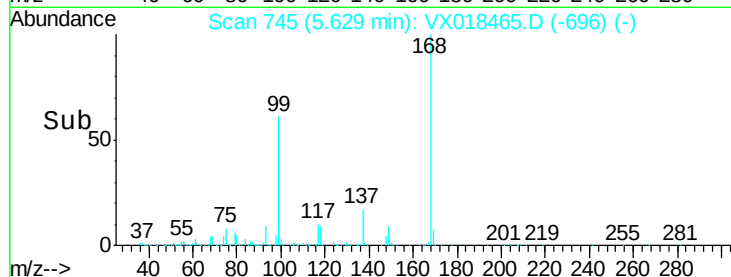
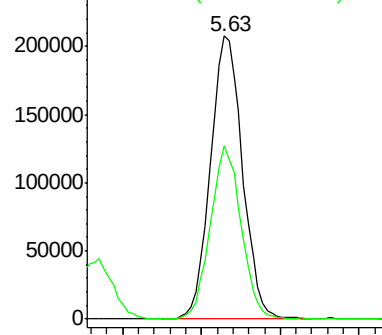
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.265 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018465.D

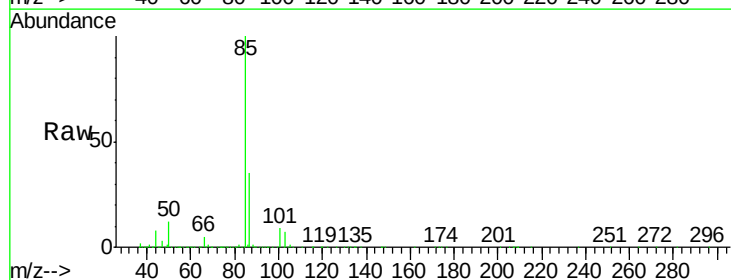
Acq: 17 Sep 2020 14:53

Tgt Ion: 85 Resp: 107215

Ion Ratio Lower Upper

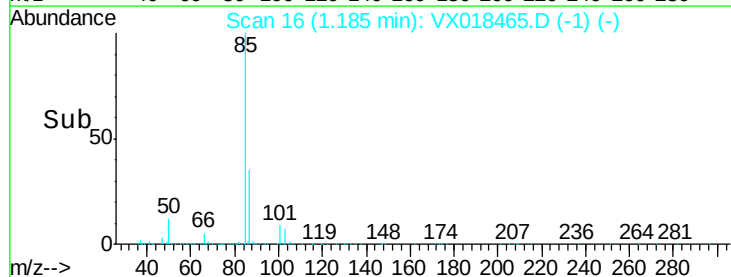
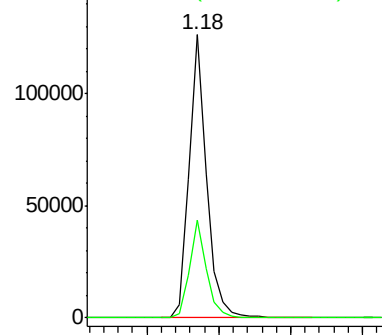
85 100

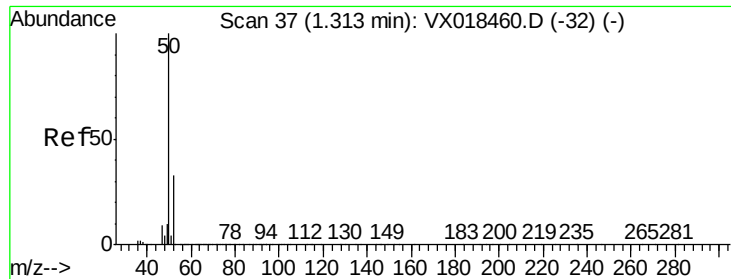
87 34.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.592 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

Tot Ion: 50 Resp: 127647

Ion Ratio Lower Upper

50 100

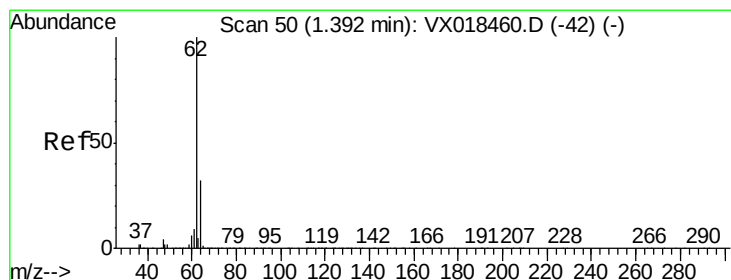
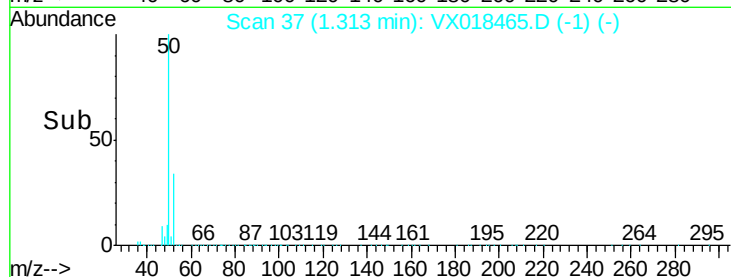
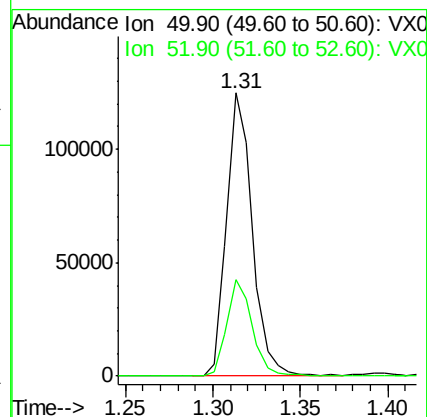
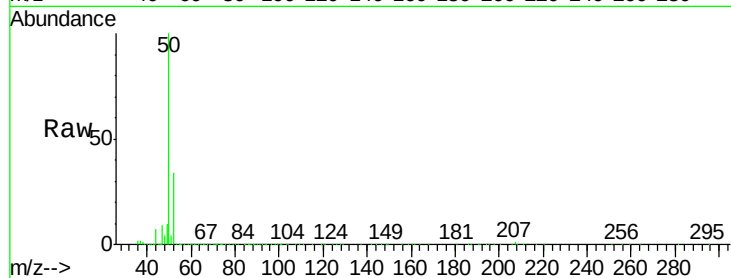
52 33.9 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.170 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018465.D

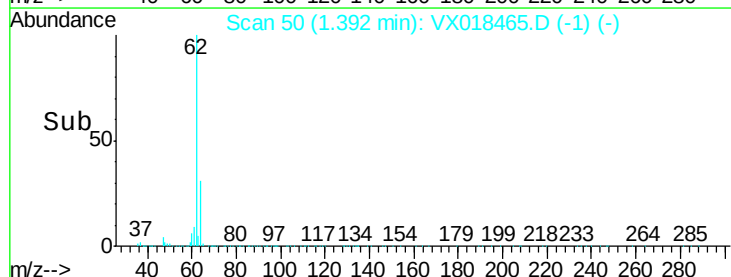
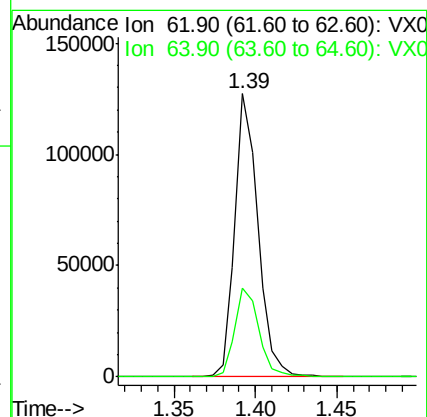
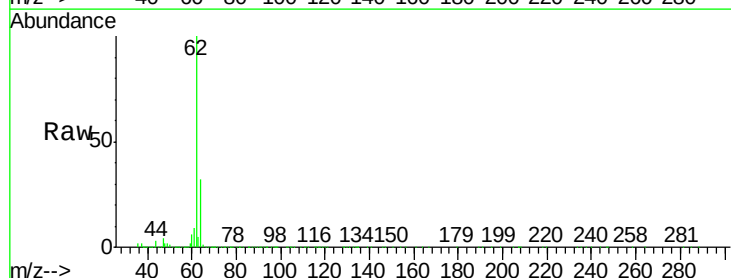
Acq: 17 Sep 2020 14:53

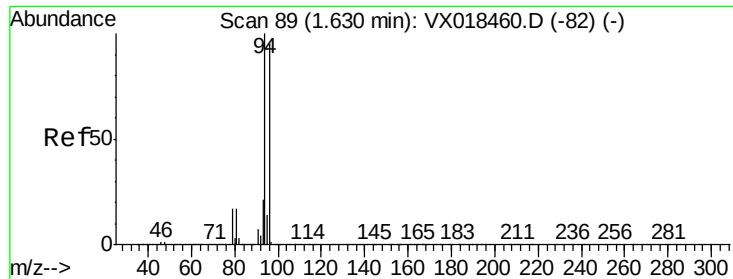
Tgt Ion: 62 Resp: 125327

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 20.245 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

Tot Ion: 94 Resp: 85706

Ion Ratio Lower Upper

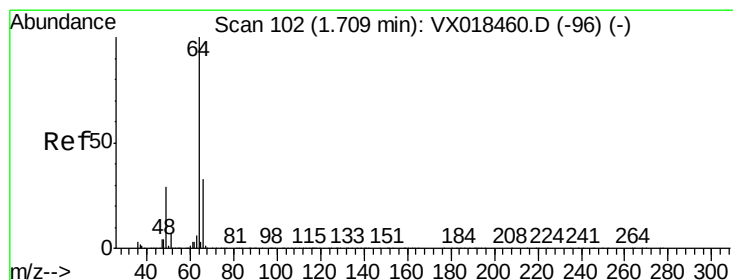
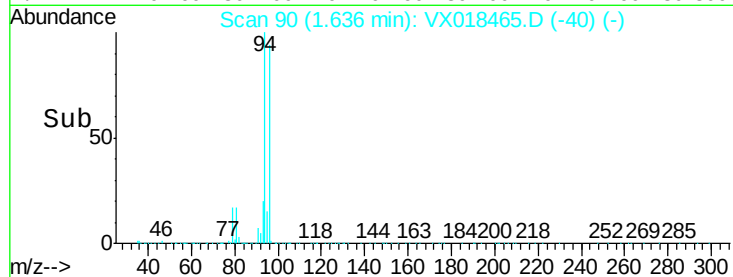
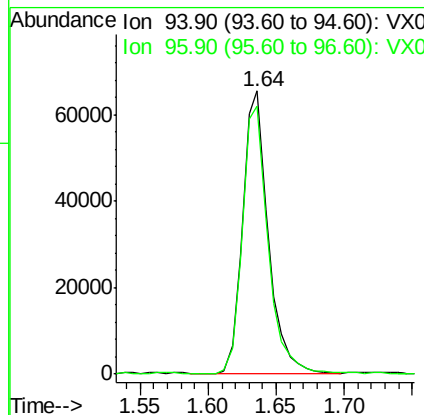
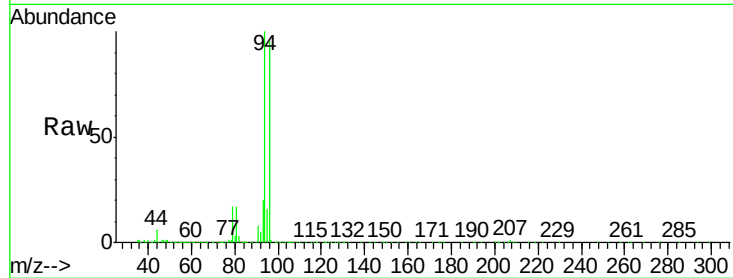
94 100

96 94.5 75.5 113.3

Manual Integrations
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#6

Chloroethane

Concen: 18.739 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018465.D

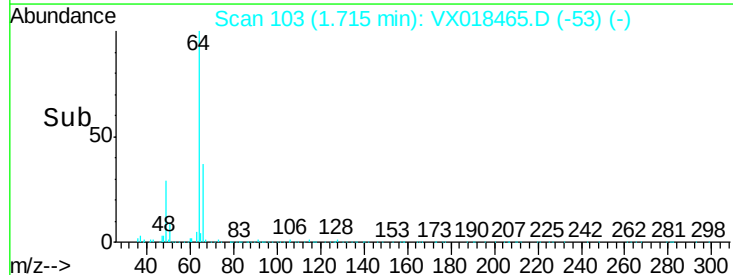
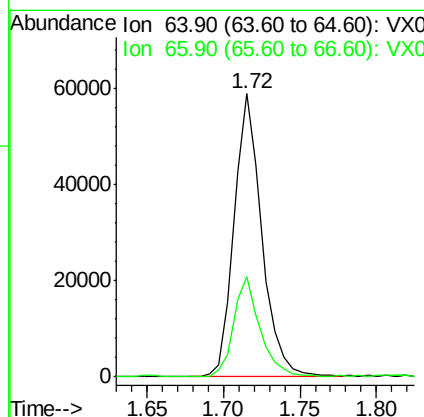
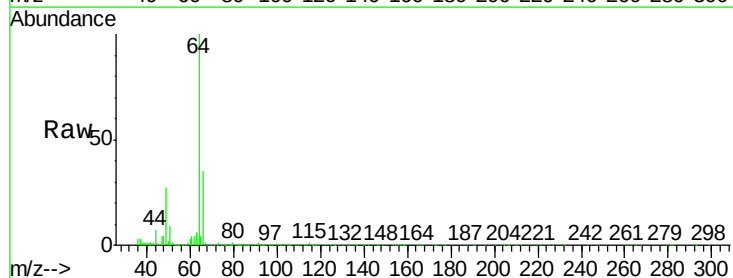
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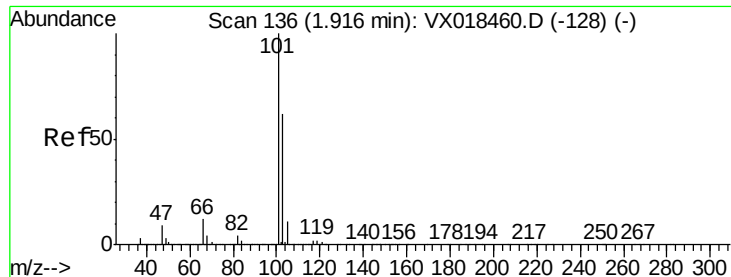
Tgt Ion: 64 Resp: 73975

Ion Ratio Lower Upper

64 100

66 35.2 26.2 39.4





#7

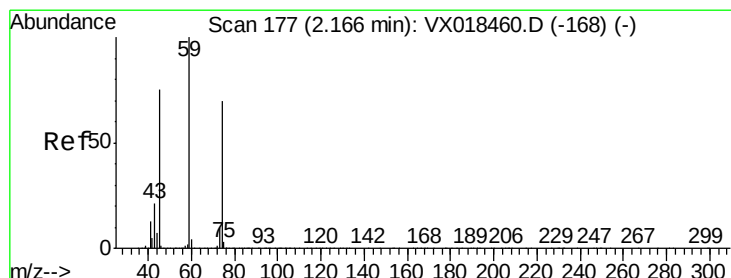
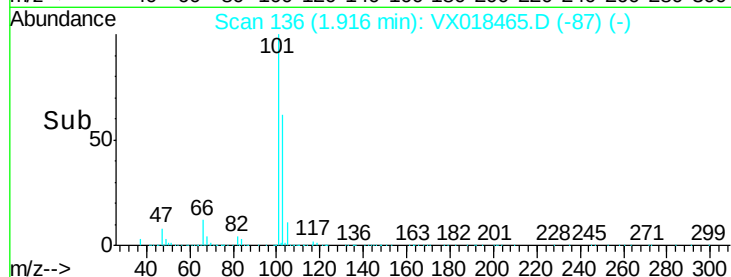
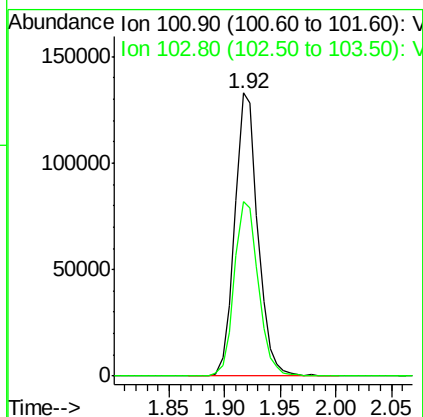
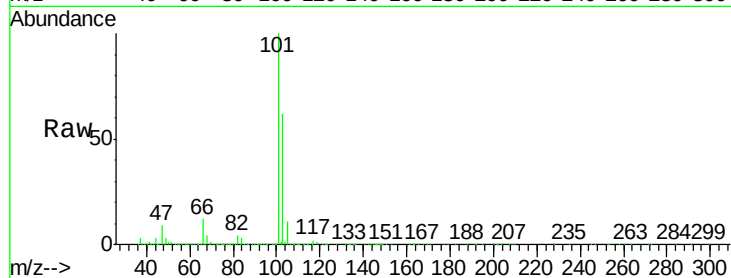
Trichlorofluoromethane
Concen: 18.239 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	191120		
103	61.7	49.6	74.4	

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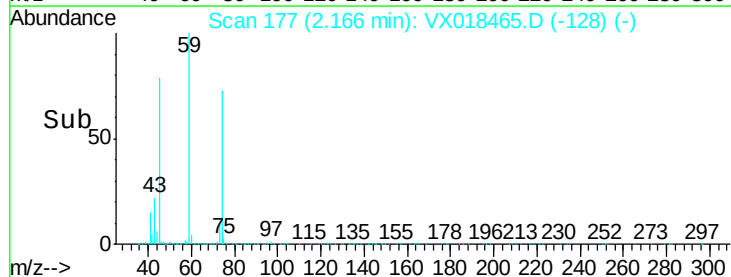
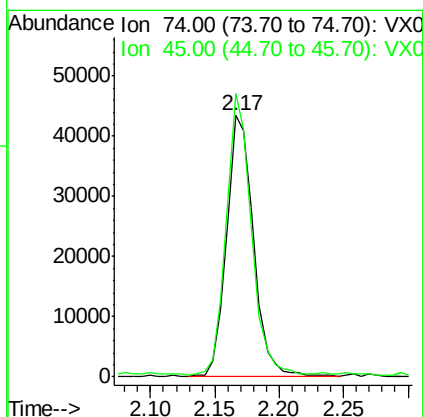
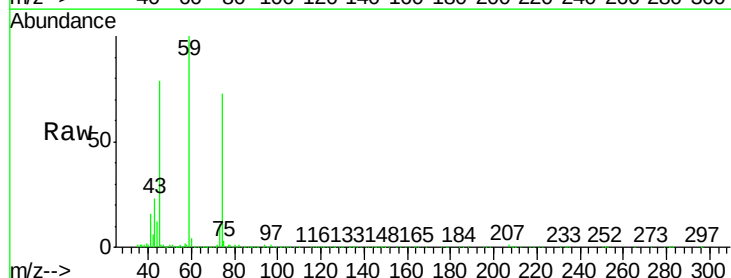
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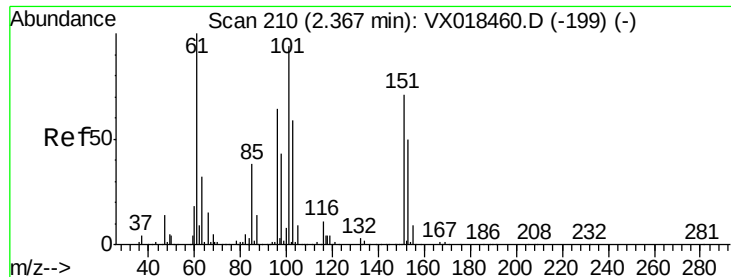


#8

Diethyl Ether
Concen: 17.452 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	64160		
45	99.6	50.7	152.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.690 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

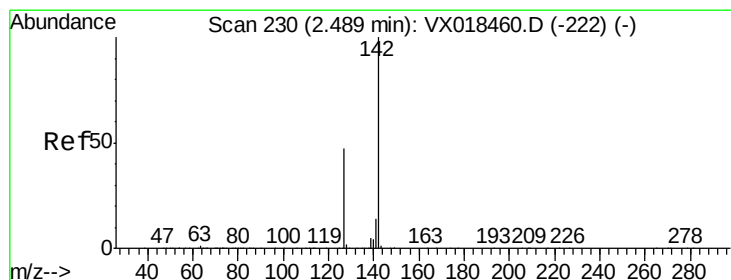
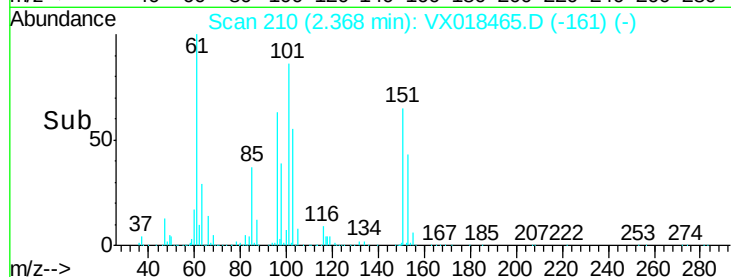
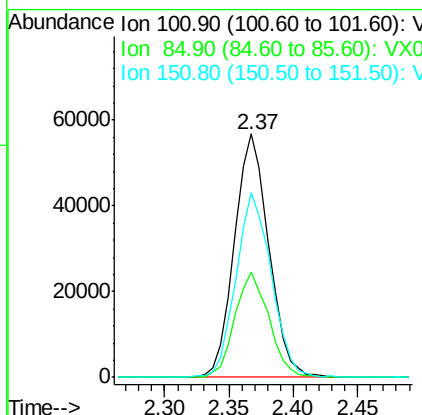
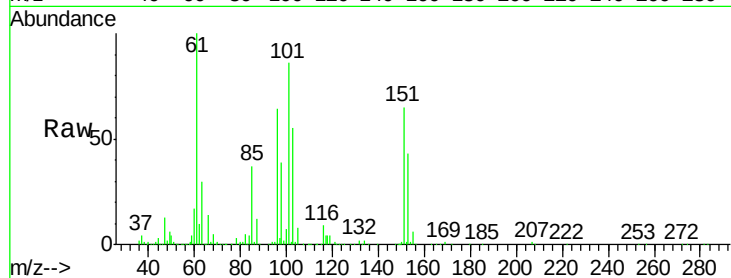
ClientSampleId :

VX0917WBS01

Tot Ion:	101	Resp:	105413
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.7	52.1
151	77.7	64.9	97.3

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#10

Methyl Iodide

Concen: 17.227 ug/l

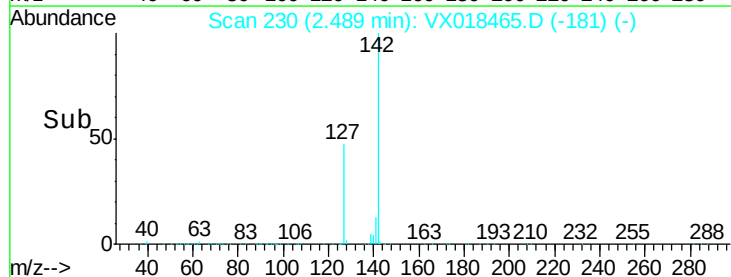
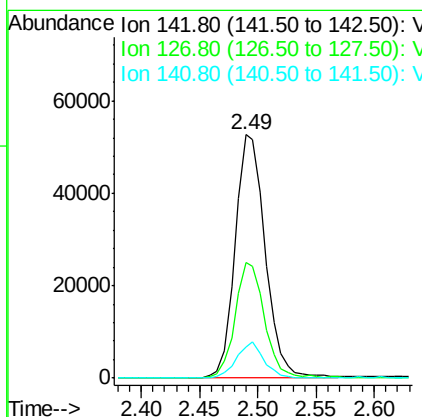
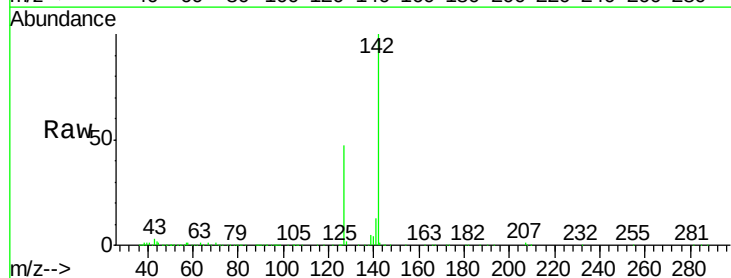
RT: 2.49 min Scan# 230

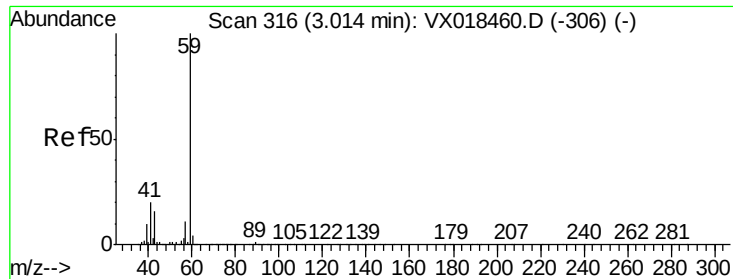
Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Tgt Ion:	142	Resp:	95288
Ion Ratio	Lower	Upper	
142	100		
127	46.0	36.0	54.0
141	13.8	11.9	17.9





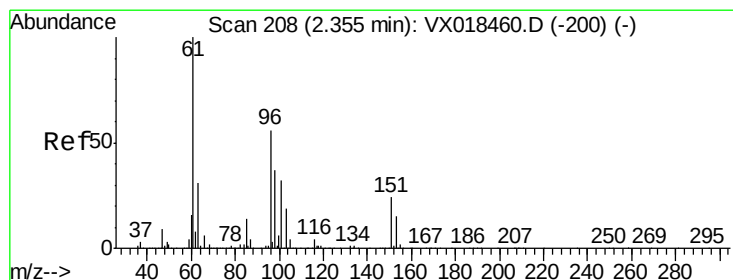
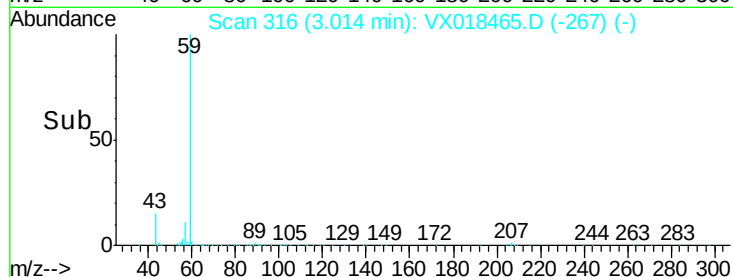
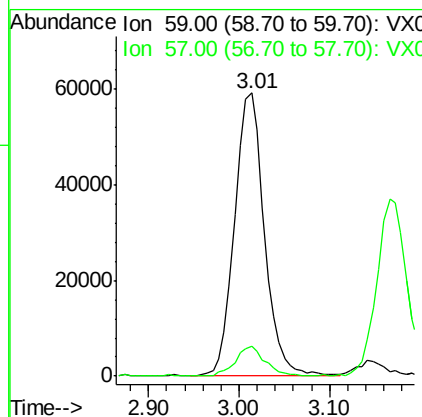
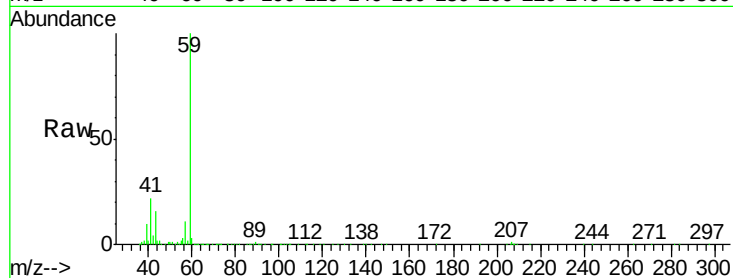
#11
Tert butyl alcohol
Concen: 93.996 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tot Ion: 59 Resp: 135808
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

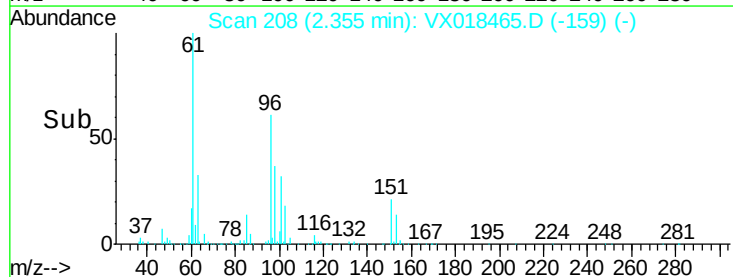
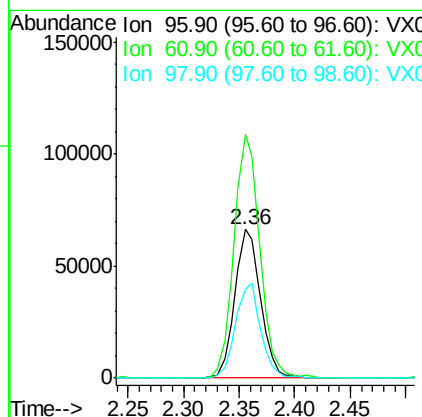
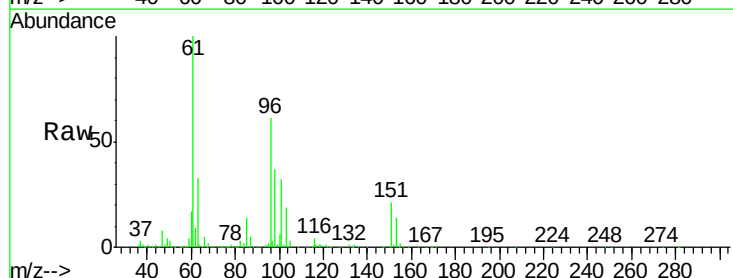
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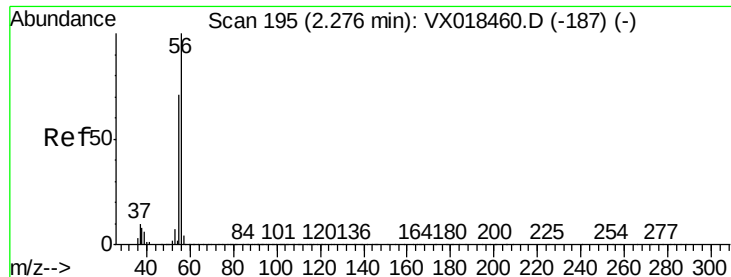
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#12
1,1-Dichloroethene
Concen: 18.706 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Tgt Ion: 96 Resp: 106336
Ion Ratio Lower Upper
96 100
61 163.9 142.2 213.4
98 59.9 52.4 78.6





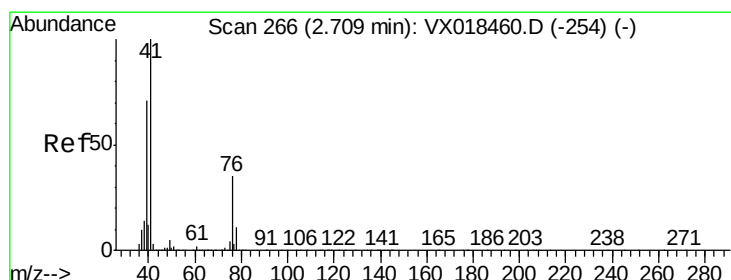
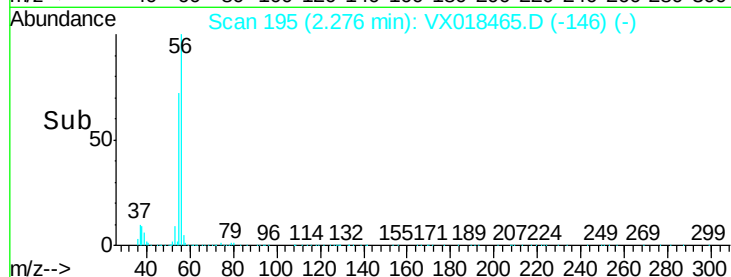
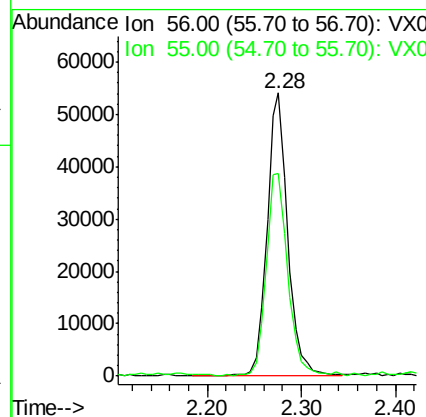
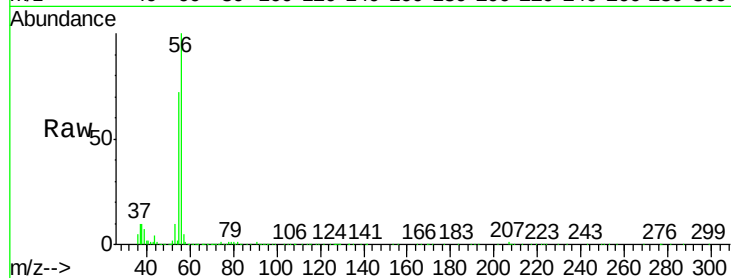
#13
Acrolein
Concen: 91.945 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	75.3	58.2	87.4

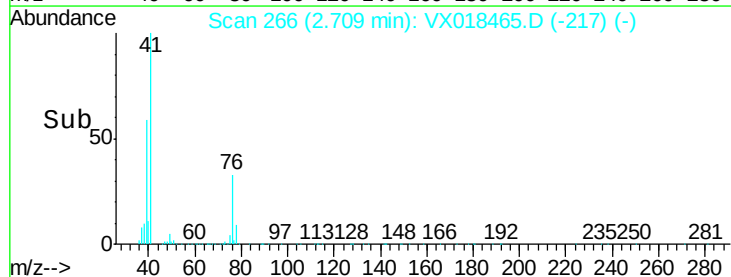
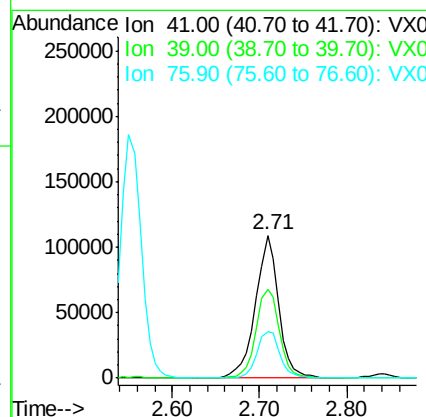
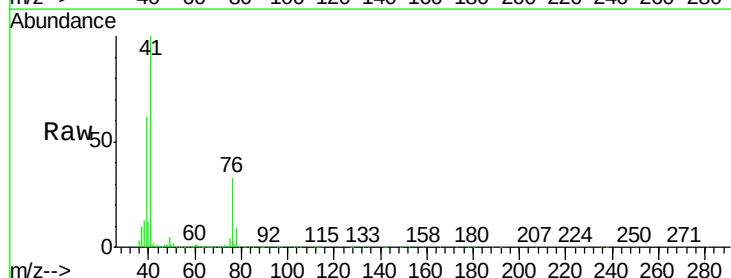
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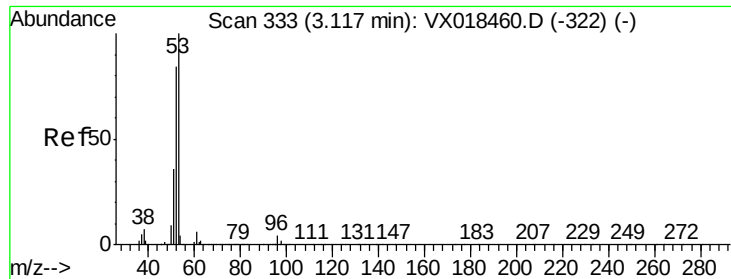
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#14
Allyl chloride
Concen: 18.164 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.4	51.1	76.7
76	32.5	26.0	39.0





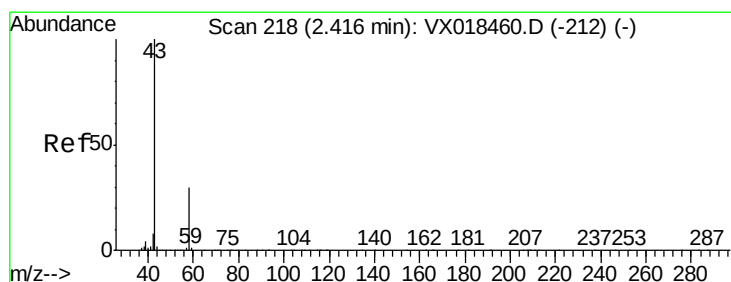
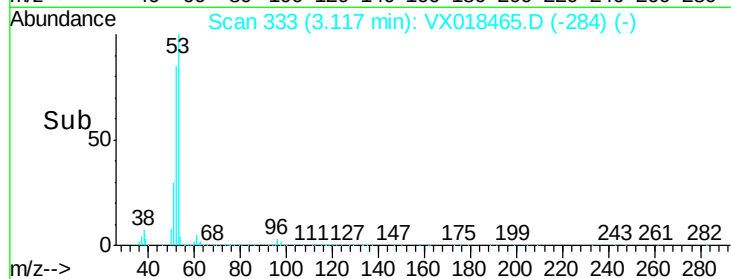
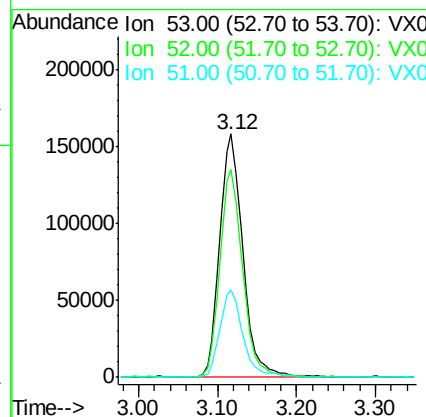
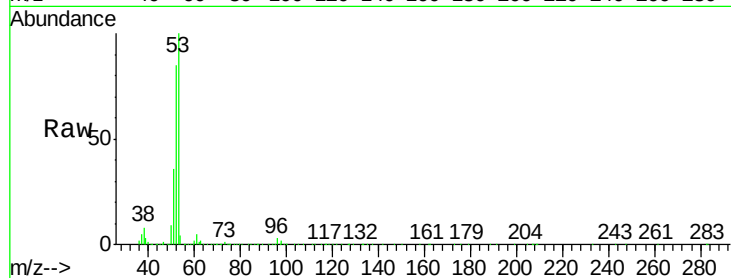
#15
 Acrylonitrile
 Concen: 94.207 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX018465.D
 Acq: 17 Sep 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

Tot Ion	53	Resp	324771
Ion Ratio	Lower	Upper	
53	100		
52	84.0	65.8	98.8
51	36.1	29.2	43.8

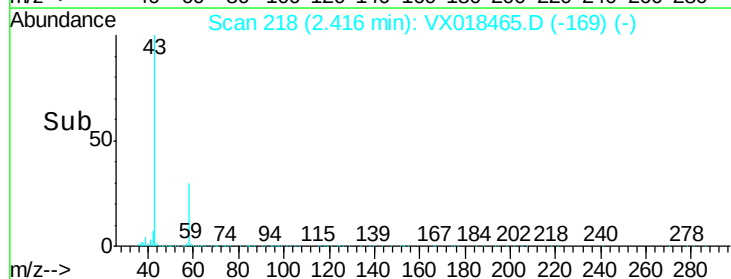
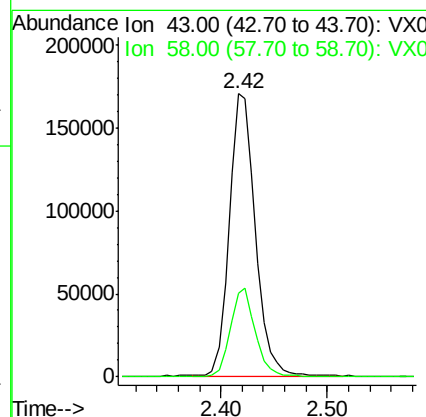
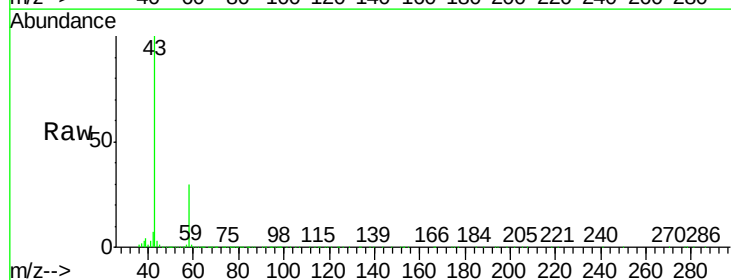
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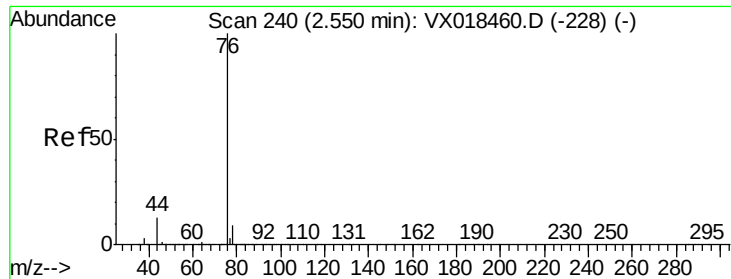
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#16
 Acetone
 Concen: 91.531 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX018465.D
 Acq: 17 Sep 2020 14:53

Tgt Ion	43	Resp	290677
Ion Ratio	Lower	Upper	
43	100		
58	29.7	24.0	36.0





#17

Carbon Disulfide

Concen: 18.034 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

Tot Ion: 76 Resp: 306170

Ion Ratio Lower Upper

76 100

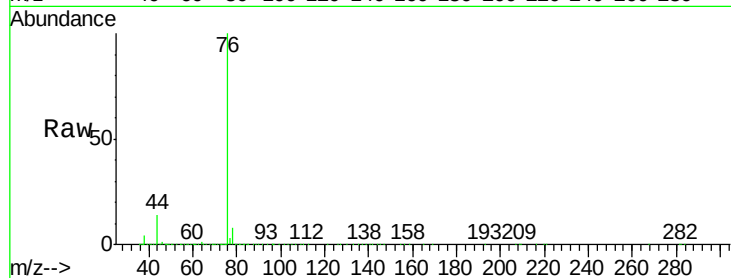
78 8.4 7.0 10.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

200000

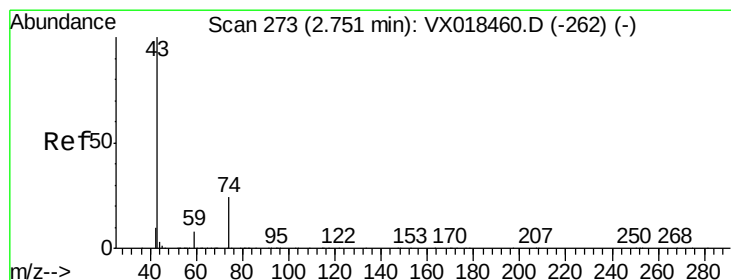
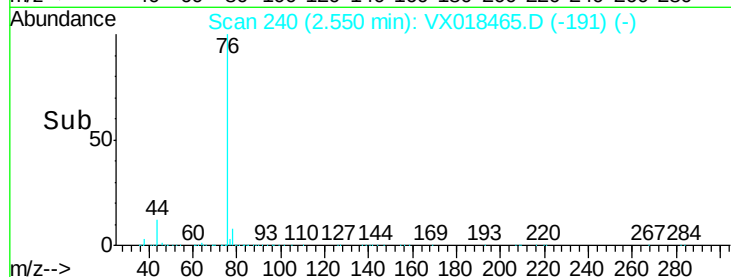
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 19.084 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018465.D

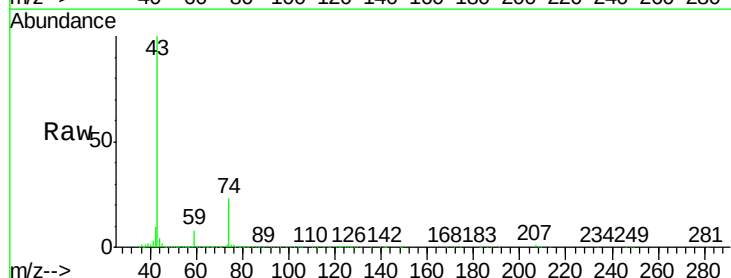
Acq: 17 Sep 2020 14:53

Tgt Ion: 43 Resp: 150156

Ion Ratio Lower Upper

43 100

74 21.8 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

80000

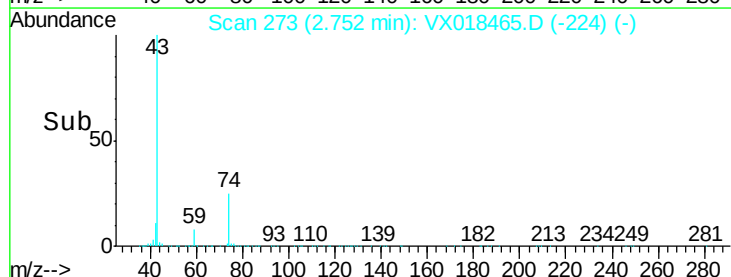
60000

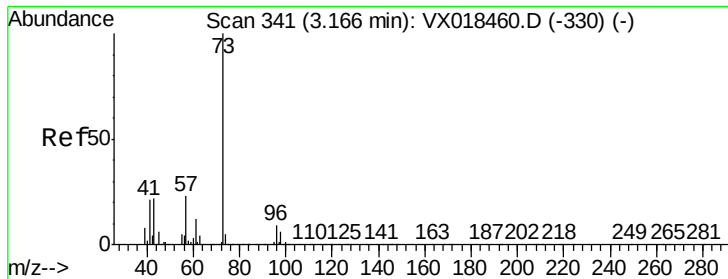
40000

20000

0

Time-->





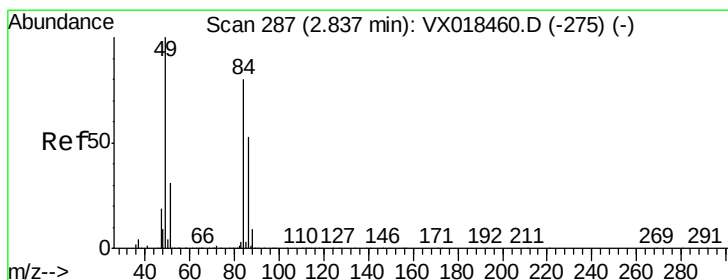
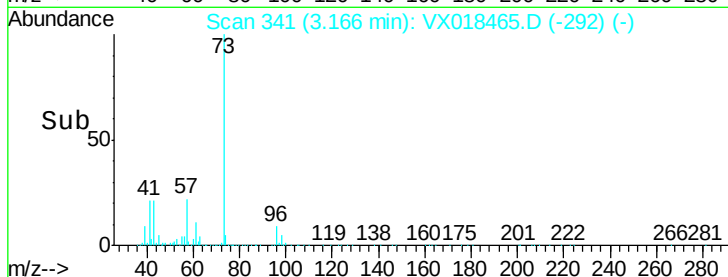
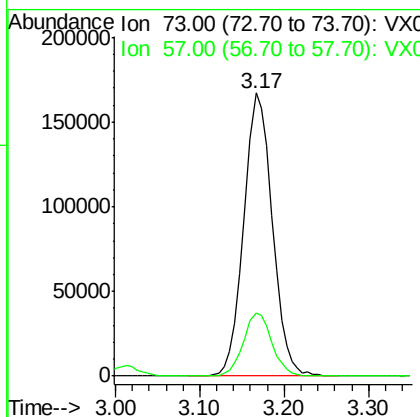
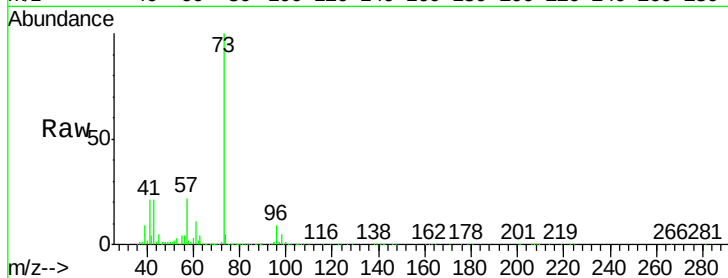
#19
Methyl tert-butyl Ether
Concen: 19.104 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.0	27.0

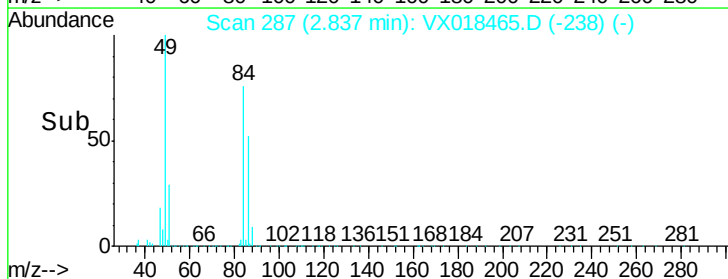
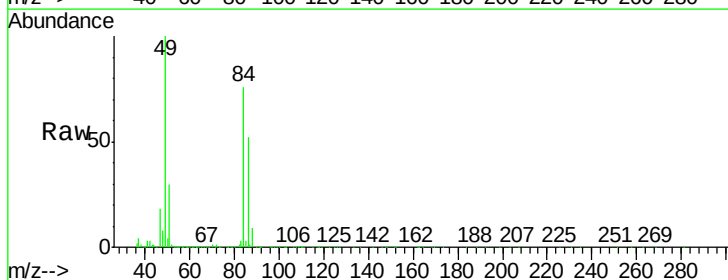
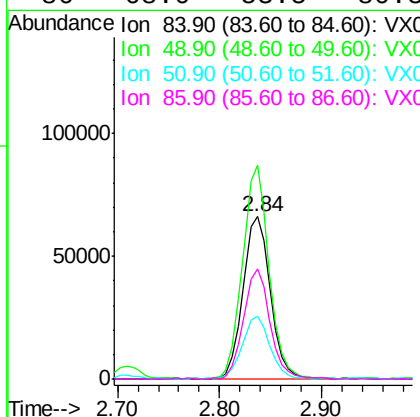
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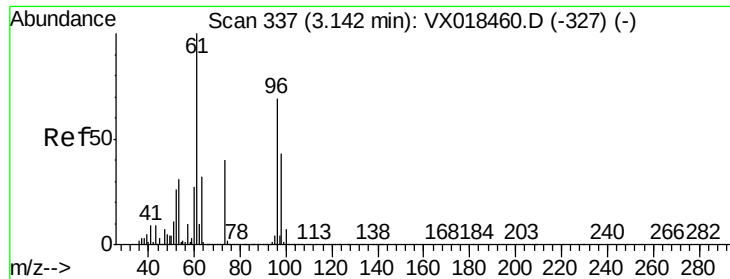
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#20
Methylene Chloride
Concen: 17.689 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.4	100.6	151.0
51	38.8	30.9	46.3
86	68.0	53.5	80.3





#21

trans-1,2-Dichloroethene

Concen: 18.042 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

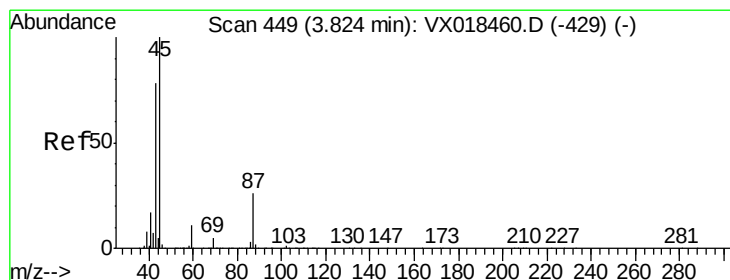
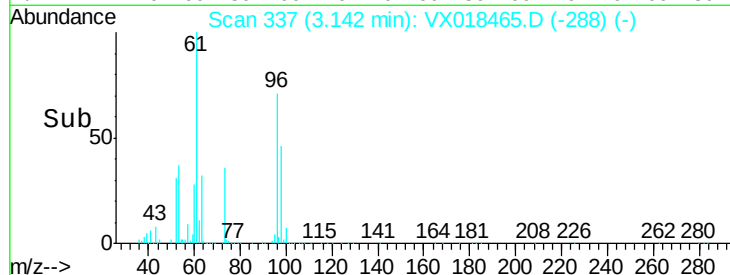
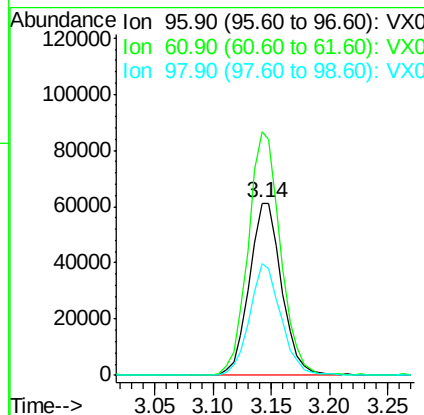
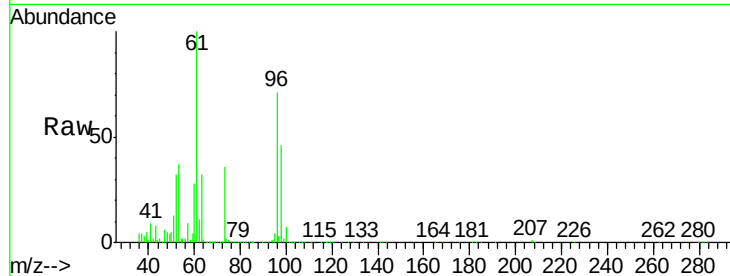
ClientSampleId :

VX0917WBS01

Tot Ion:	96	Resp:	119199
Ion	Ratio	Lower	Upper
96	100		
61	141.3	115.6	173.4
98	64.8	50.2	75.4

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#22

Diisopropyl ether

Concen: 18.976 ug/l

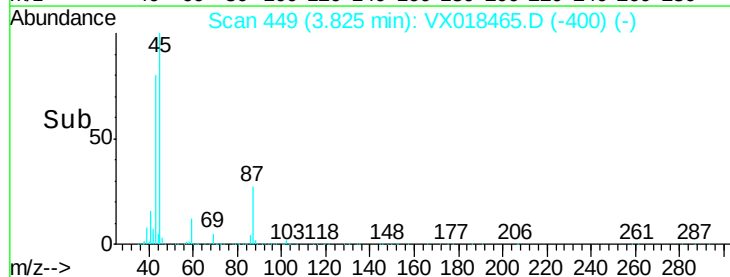
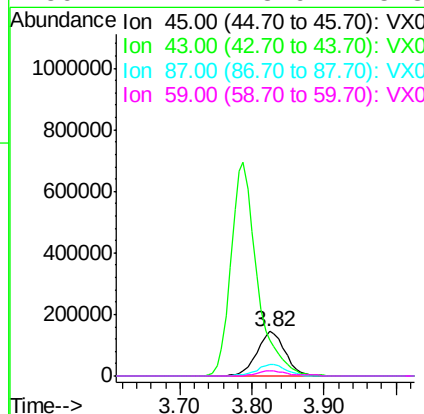
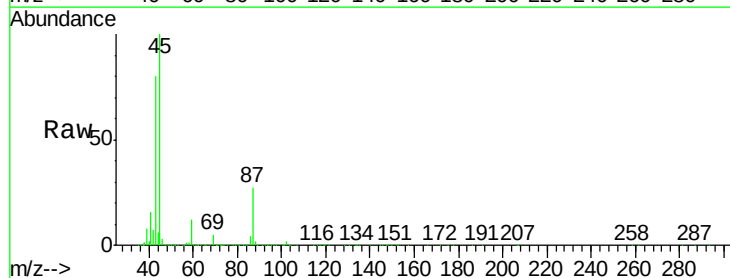
RT: 3.82 min Scan# 449

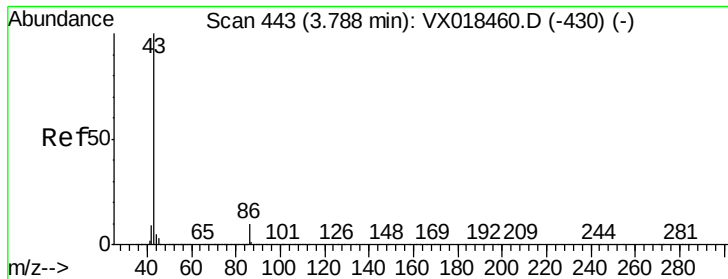
Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Tgt Ion:	45	Resp:	392928
Ion	Ratio	Lower	Upper
45	100		
43	80.2	62.4	93.6
87	26.7	21.2	31.8
59	12.1	8.9	13.3





#23

Vinyl Acetate

Concen: 95.642 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

Tot Ion: 43 Resp: 1754858

Ion Ratio Lower Upper

43 100

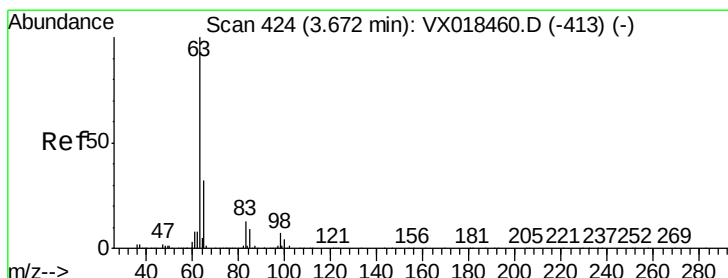
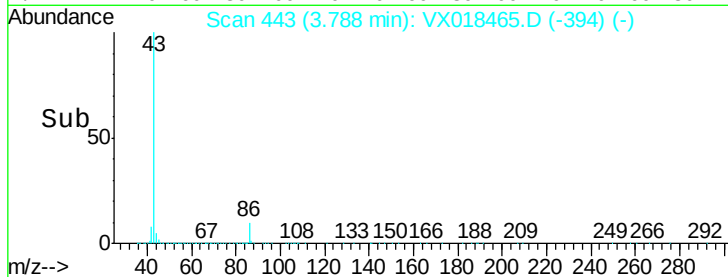
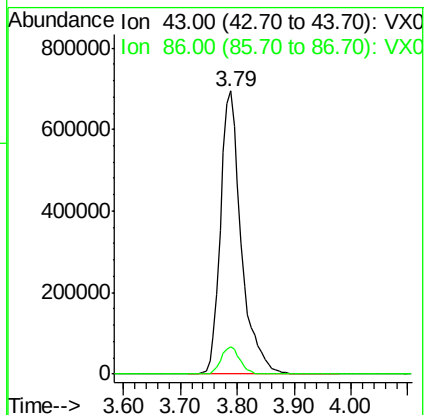
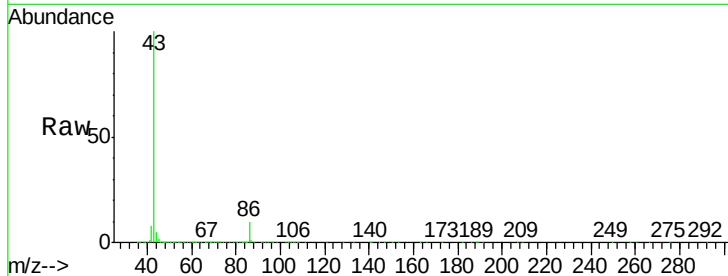
86 9.7 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 18.200 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

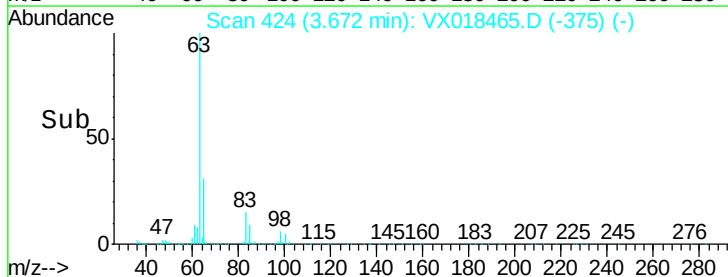
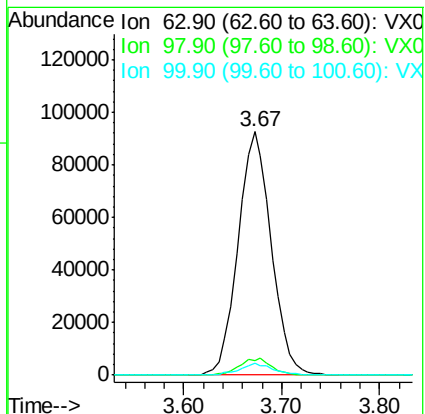
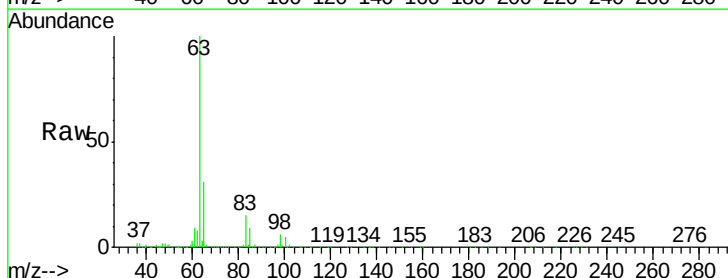
Tgt Ion: 63 Resp: 217337

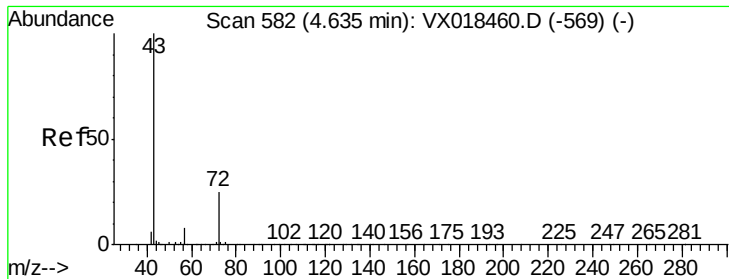
Ion Ratio Lower Upper

63 100

98 5.8 3.5 10.6

100 4.9 1.9 5.7





#25

2-Butanone

Concen: 95.045 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

Tot Ion: 43 Resp: 470036

Ion Ratio Lower Upper

43 100

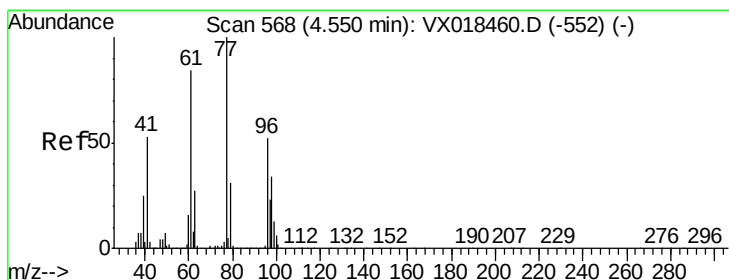
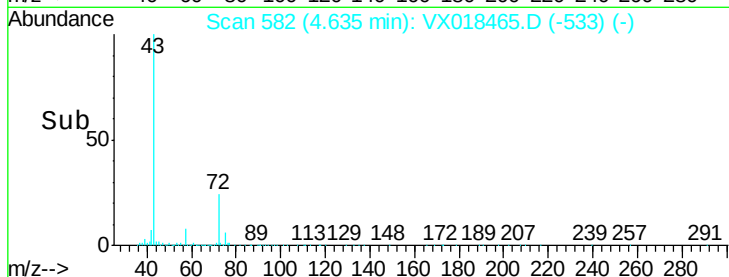
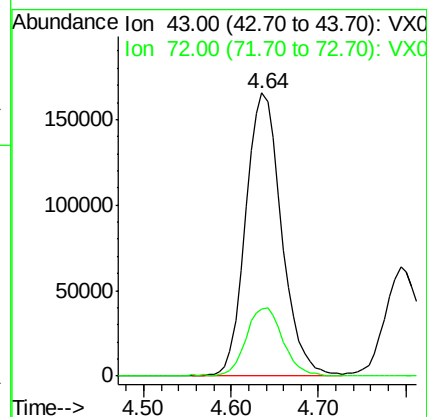
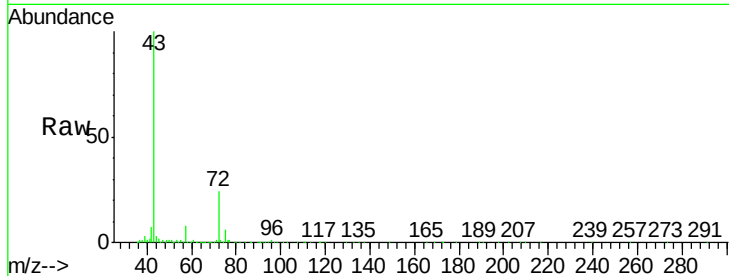
72 23.6 20.2 30.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.962 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018465.D

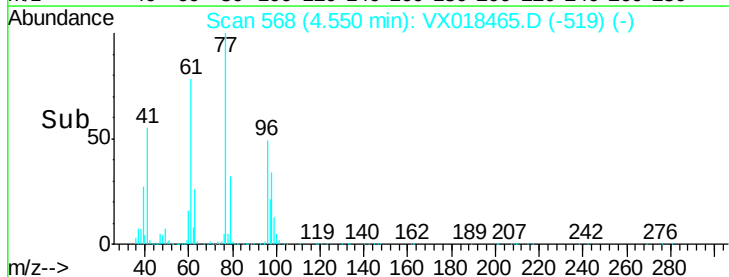
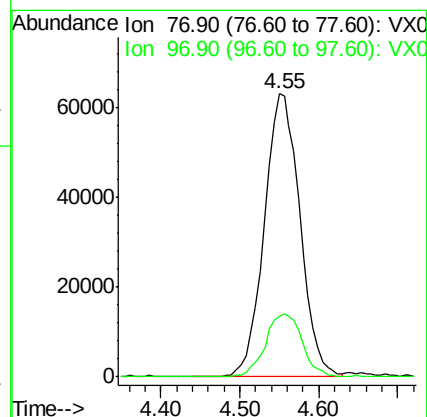
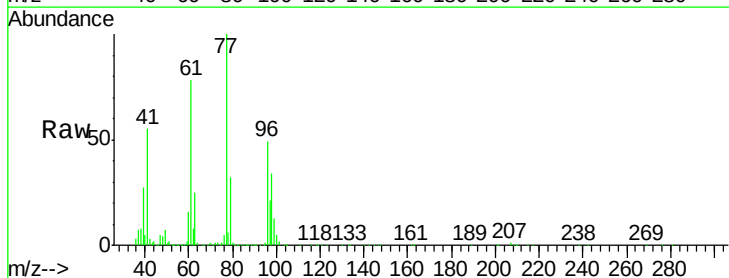
Acq: 17 Sep 2020 14:53

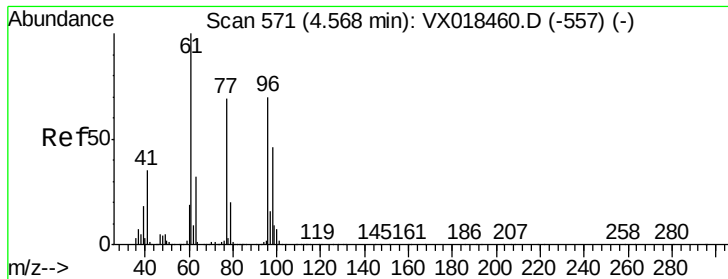
Tgt Ion: 77 Resp: 198182

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5





#27

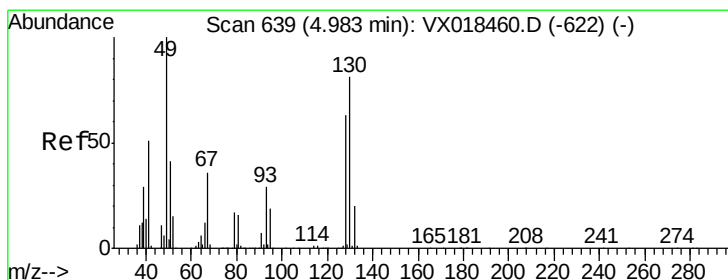
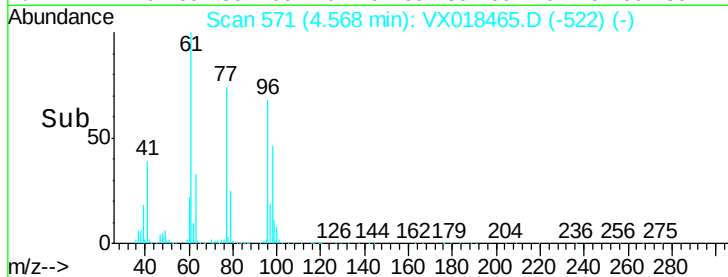
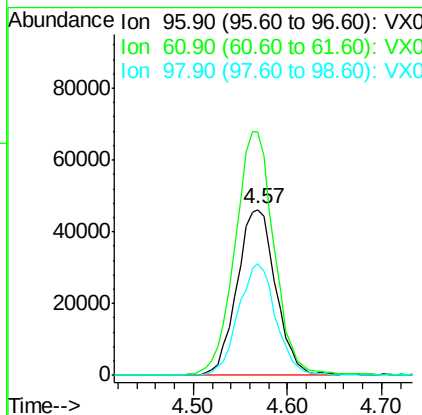
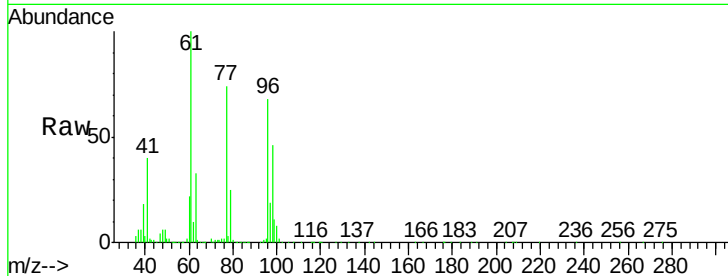
cis-1,2-Dichloroethene
Concen: 17.933 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	132796		
61	148.1	0.0	300.0	
98	65.5	0.0	130.4	

Manual Integrations
APPROVED

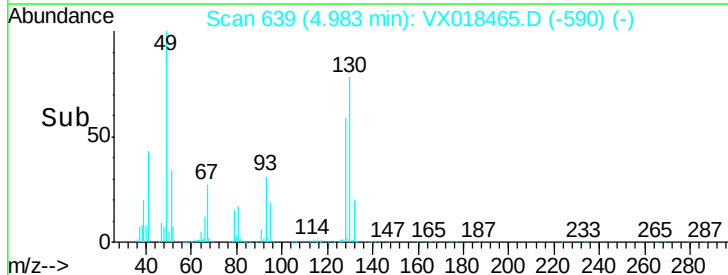
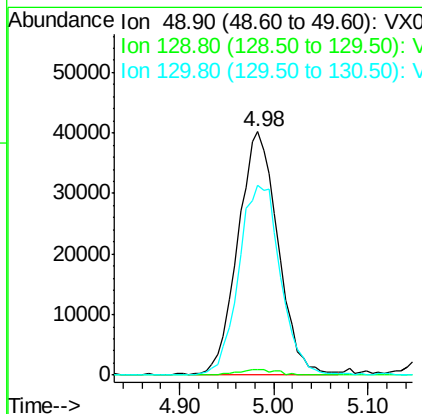
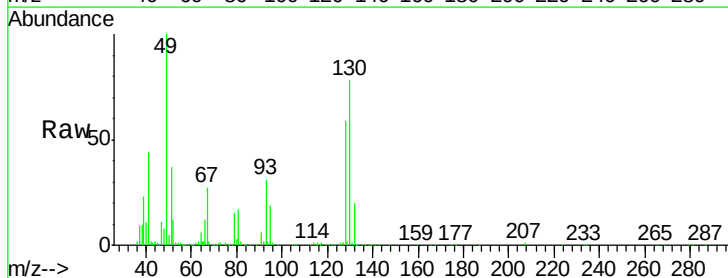
MMDadoda
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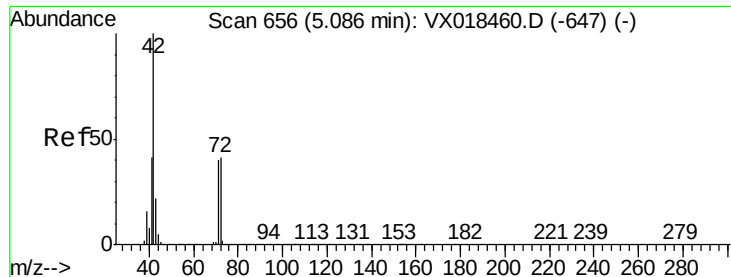


#28

Bromochloromethane
Concen: 21.245 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	118714		
129	2.3	0.0	4.6	
130	81.8	65.0	97.4	





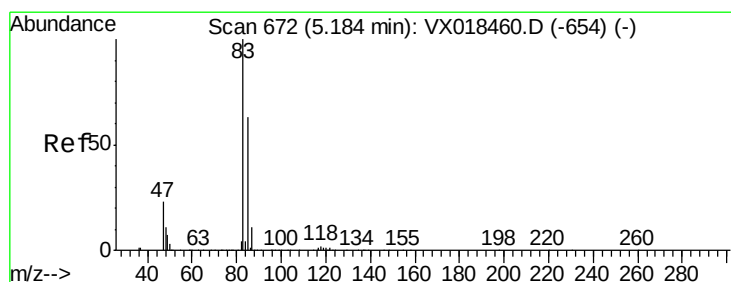
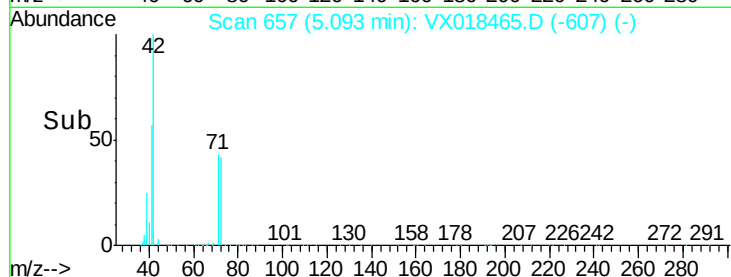
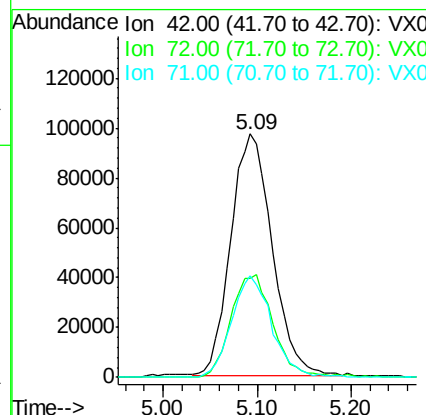
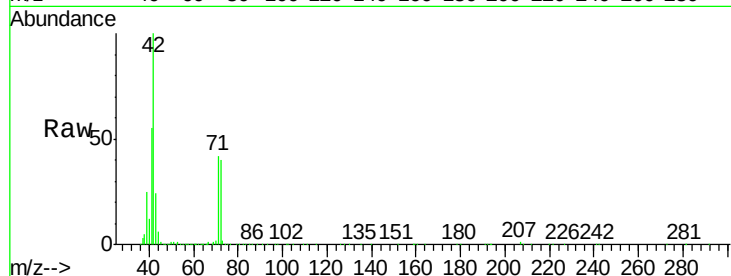
#29
Tetrahydrofuran
Concen: 94.860 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.3	51.5
71	41.1	32.1	48.1

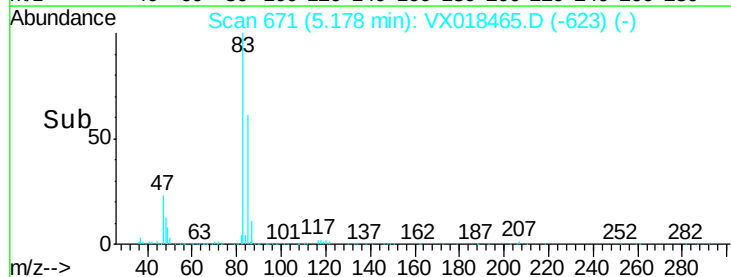
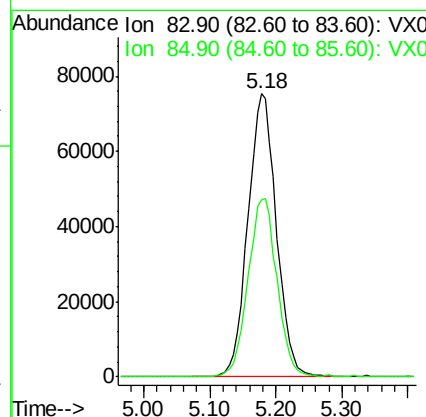
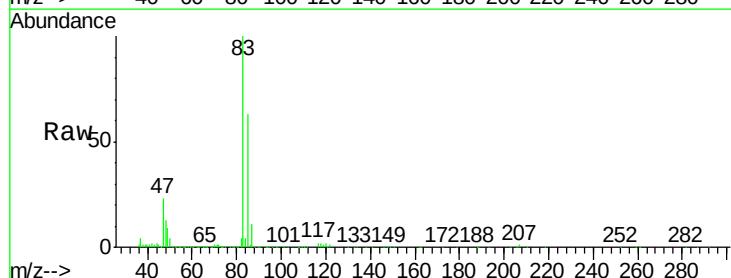
Manual Integrations
APPROVED

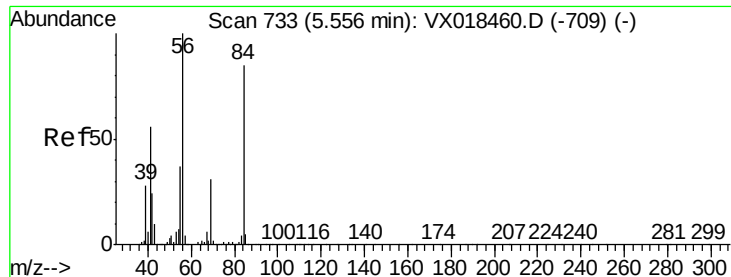
MMDadoda
9/18/2020 12:19:47 PM



#30
Chloroform
Concen: 18.634 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.6	76.0





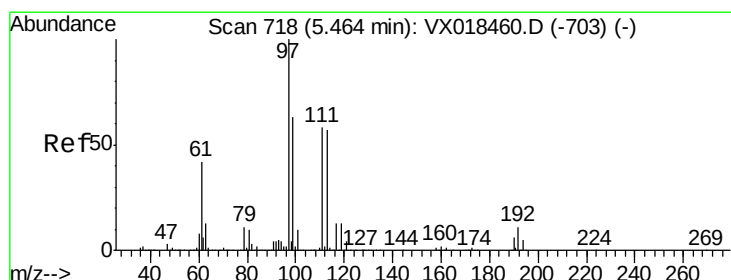
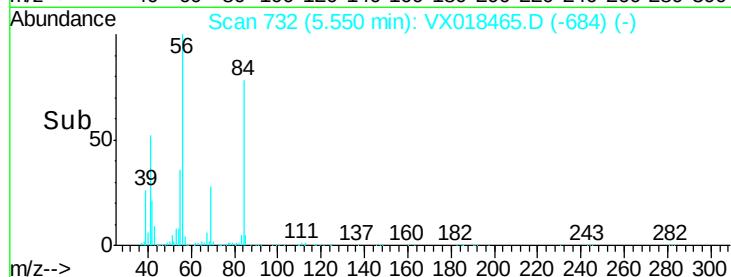
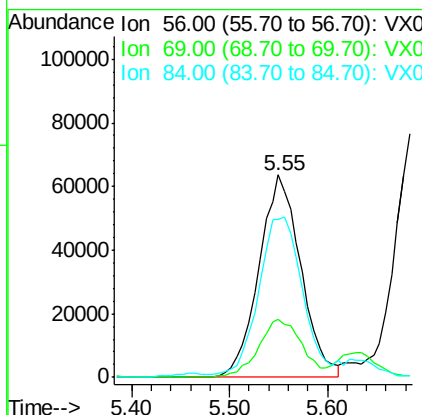
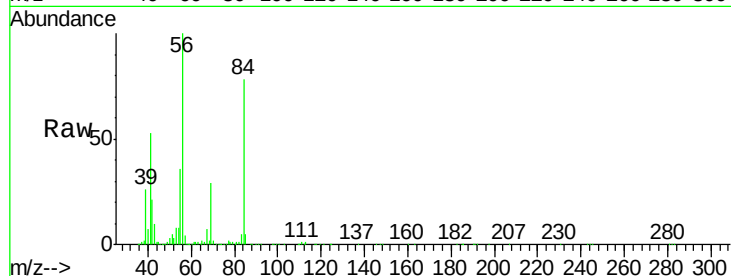
#31
Cyclohexane
Concen: 18.886 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.5	24.8	37.2
84	75.9	67.6	101.4

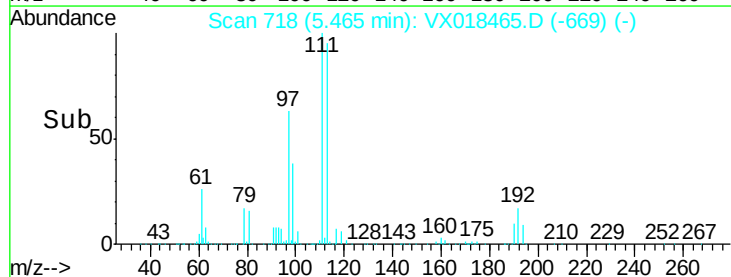
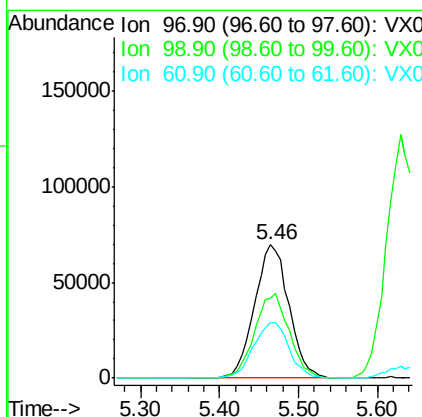
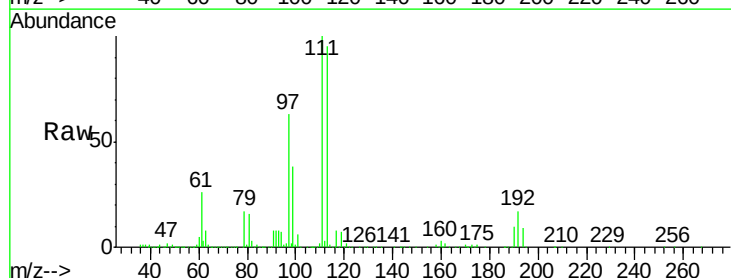
Manual Integrations
APPROVED

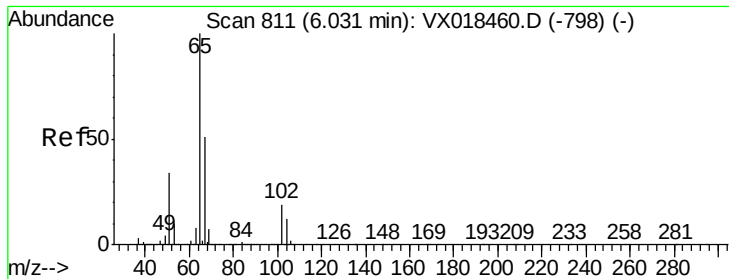
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#32
1,1,1-Trichloroethane
Concen: 18.472 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.5	75.7
61	42.6	33.4	50.2





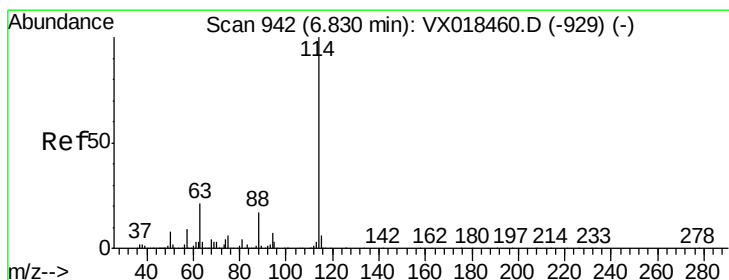
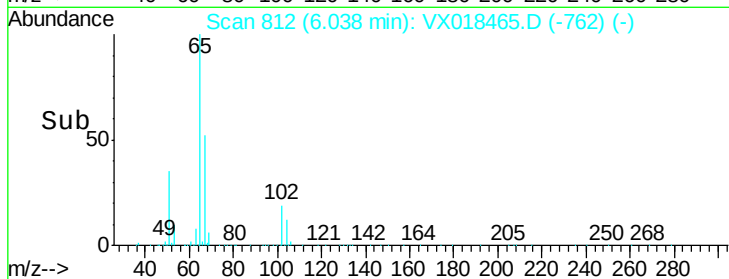
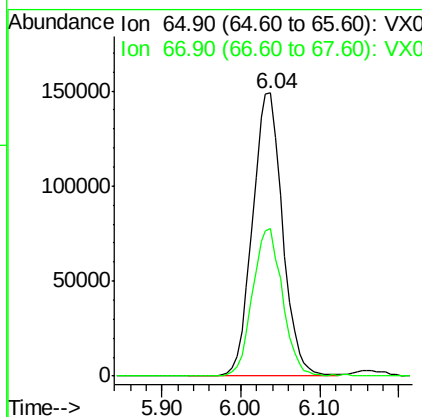
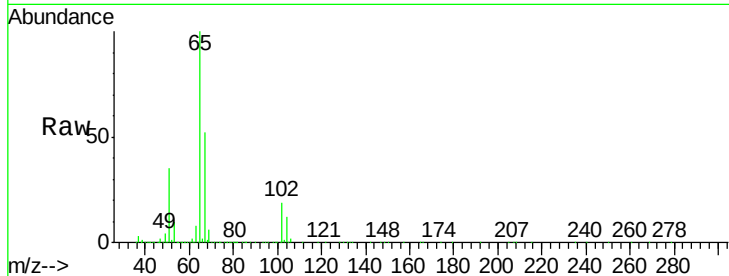
#33
 1,2-Dichloroethane-d4
 Concen: 47.395 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX018465.D
 Acq: 17 Sep 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	393557		
67	51.8	0.0	105.6	

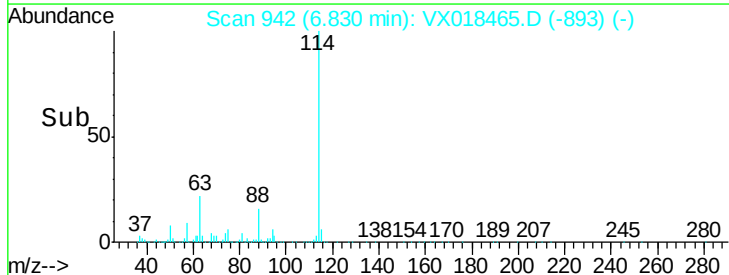
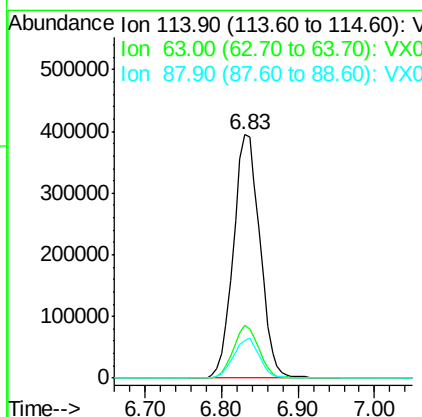
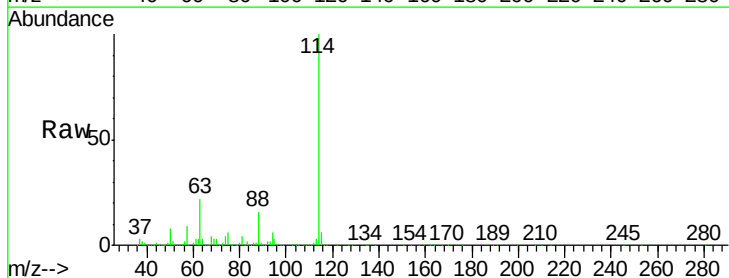
Manual Integrations
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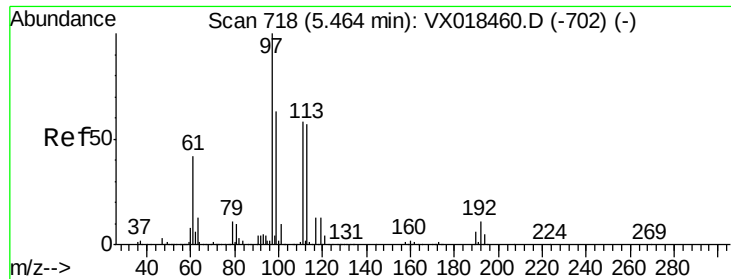
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 9/18/2020 12:19:47 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018465.D
 Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	949518		
63	21.7	0.0	42.8	
88	15.6	0.0	33.6	





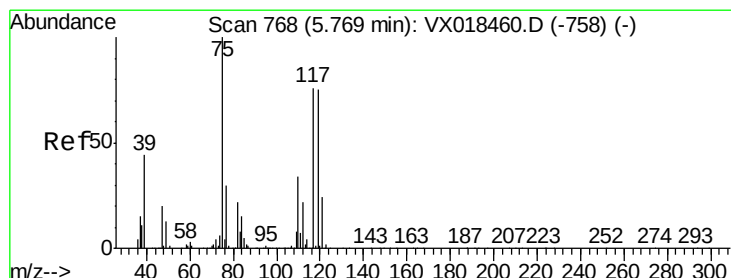
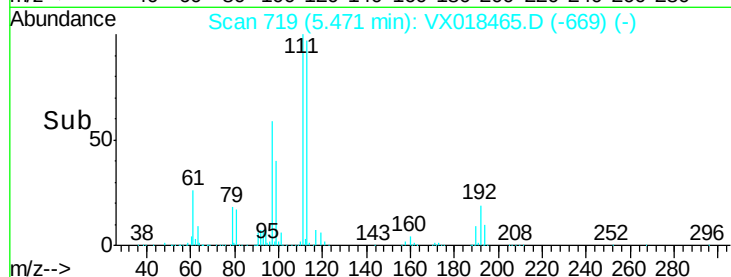
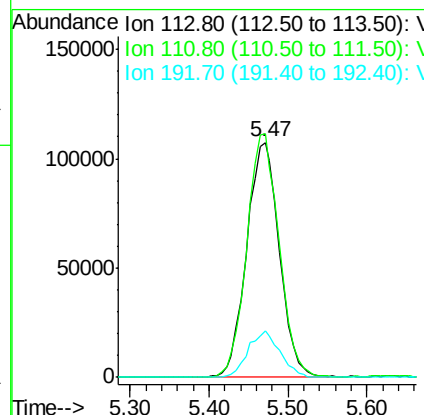
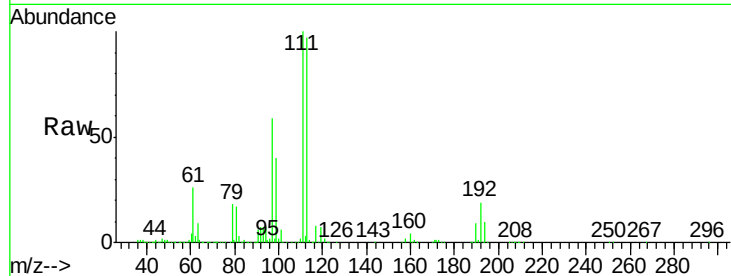
#35
 Dibromofluoromethane
 Concen: 46.960 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX018465.D
 Acq: 17 Sep 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	308252		
111	103.1	81.4	122.2	
192	19.4	16.6	24.8	

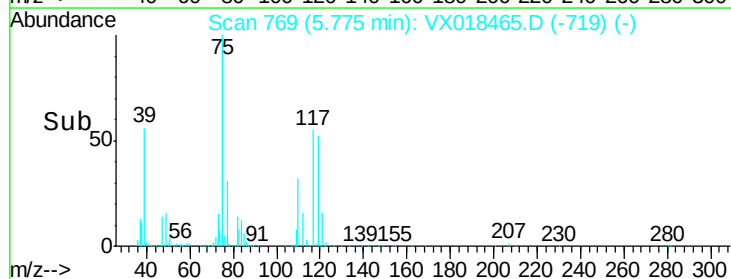
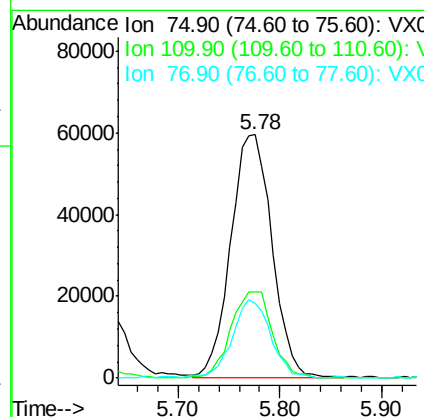
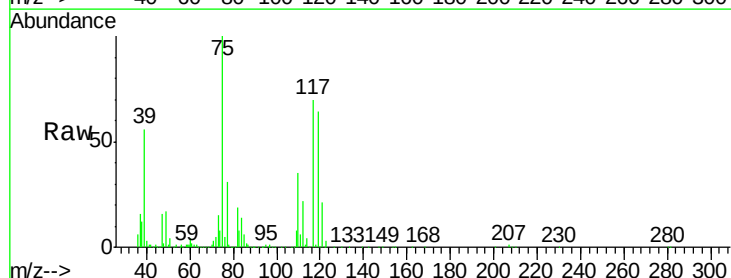
Manual Integrations
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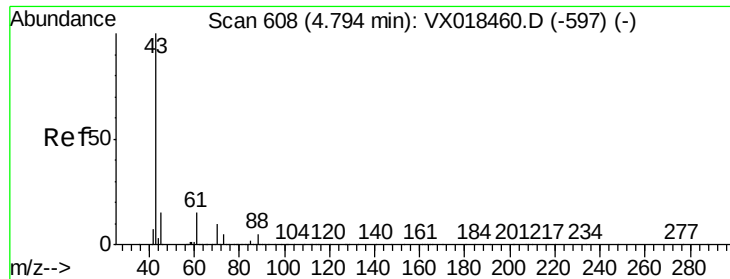
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#36
 1,1-Dichloropropene
 Concen: 17.977 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX018465.D
 Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	165678		
110	36.3	17.6	52.8	
77	29.3	25.0	37.6	





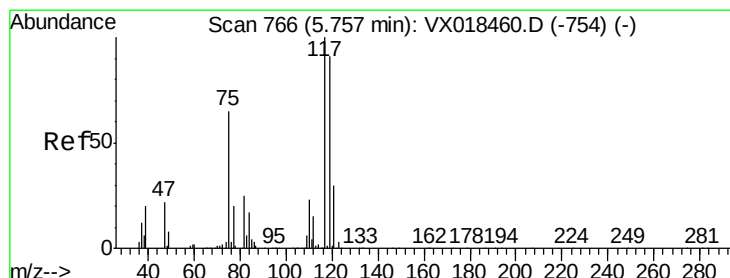
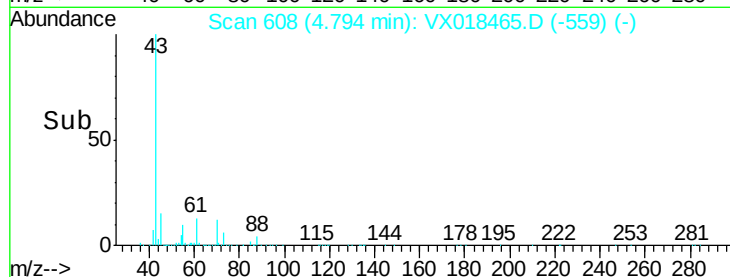
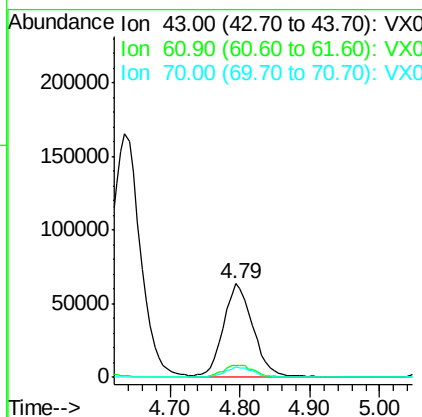
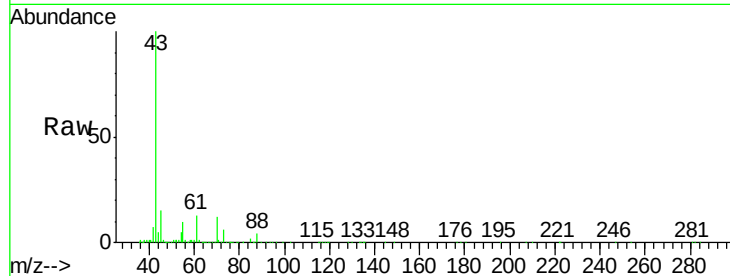
#37
Ethyl Acetate
Concen: 19.041 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.9	16.3
70	10.8	8.3	12.5

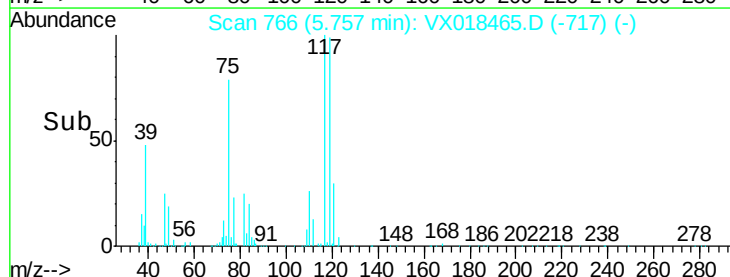
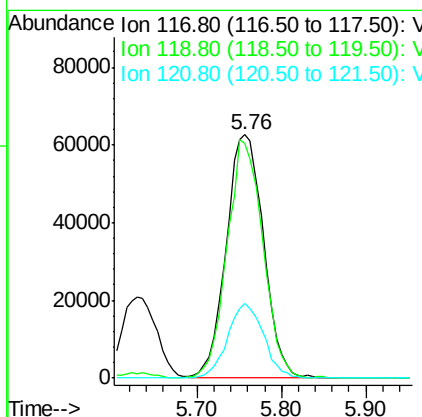
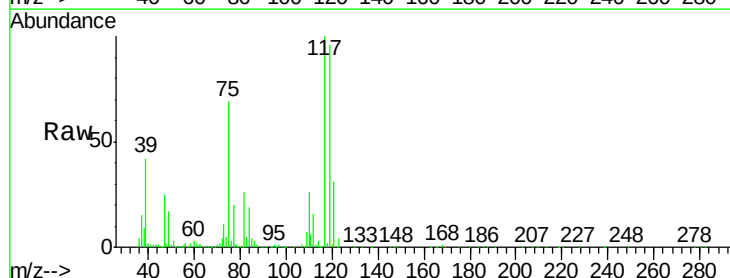
Manual Integrations
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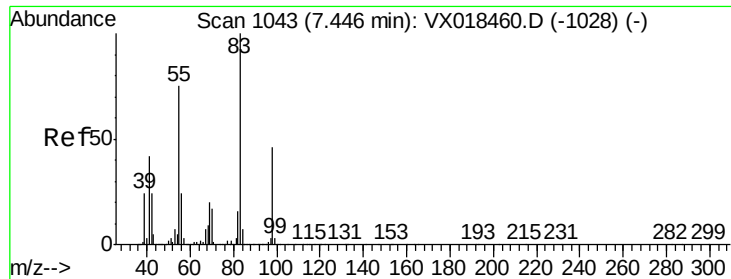
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#38
Carbon Tetrachloride
Concen: 18.484 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	72.3	108.5
121	30.8	23.8	35.8





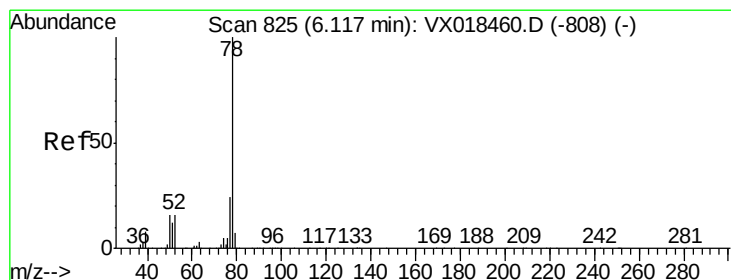
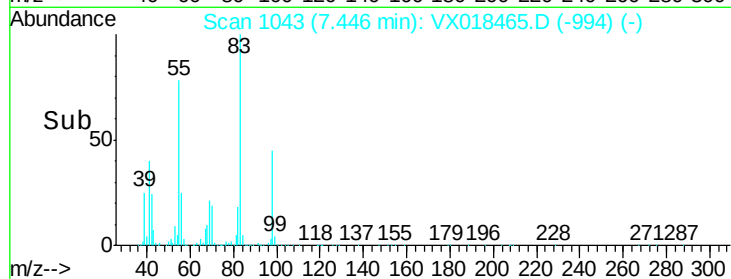
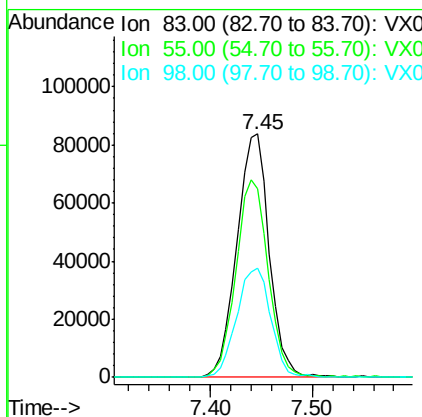
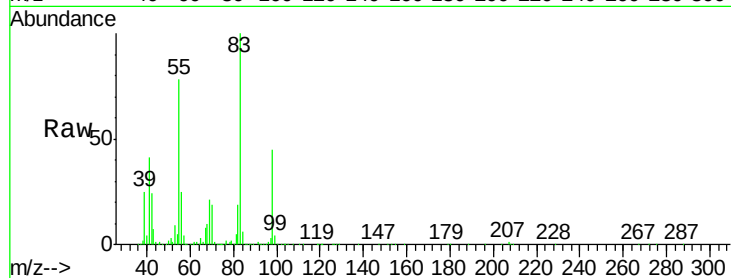
#39
Methylvlcyclohexane
Concen: 17.725 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	183528		
55	77.4	60.2	90.4	
98	44.9	36.4	54.6	

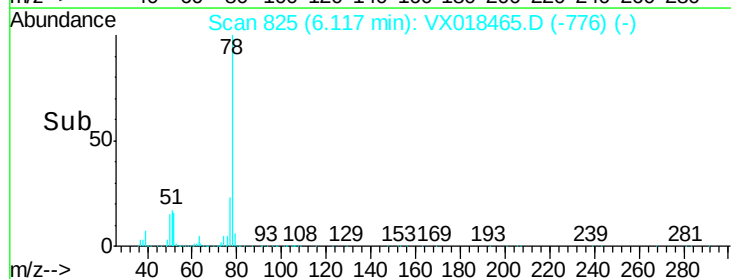
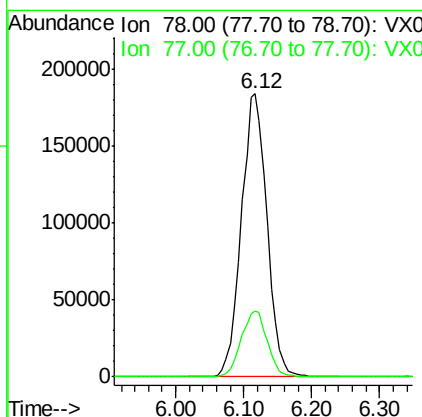
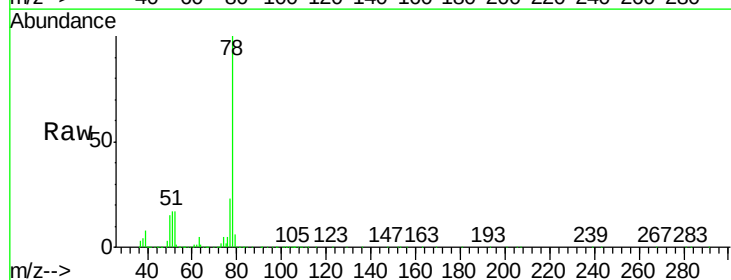
Manual Integrations
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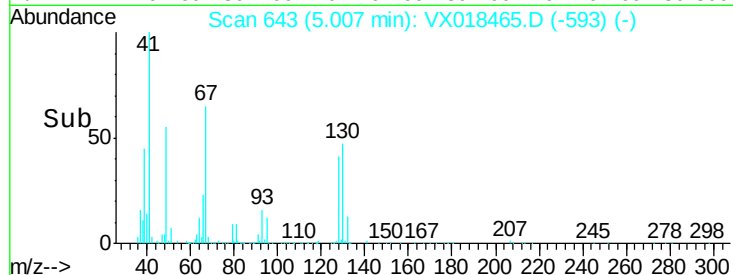
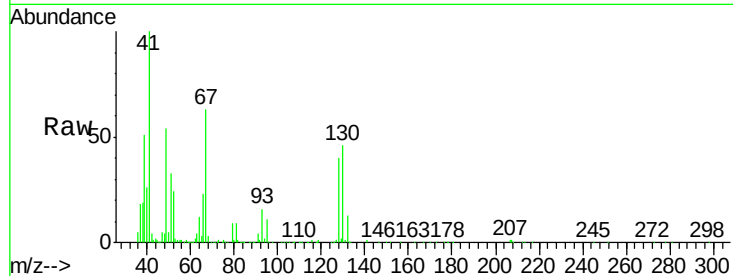
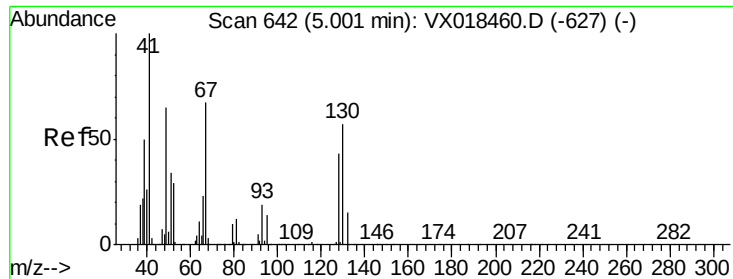
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#40
Benzene
Concen: 18.227 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

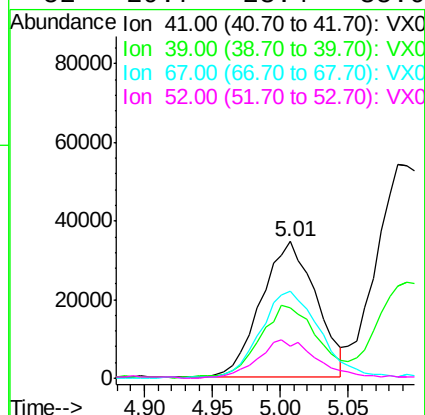
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	481397		
77	23.1	19.0	28.4	





#41
Methacrylonitrile
Concen: 17.925 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

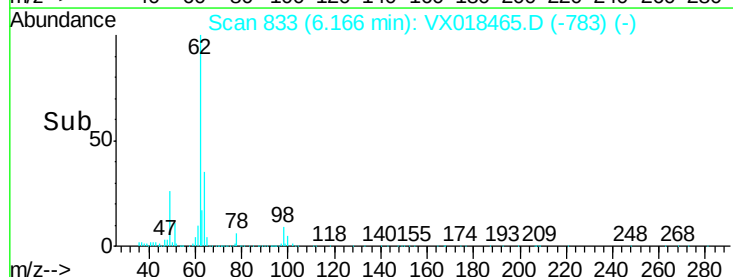
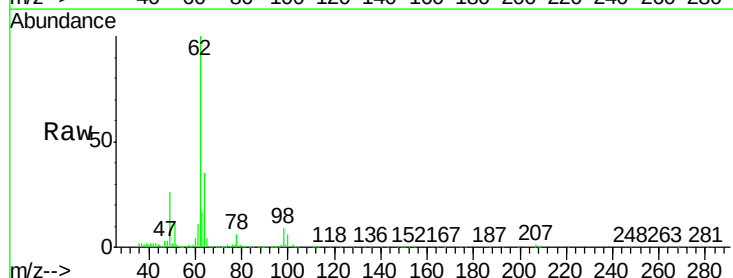
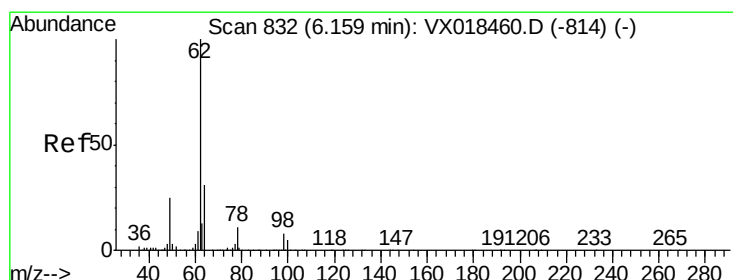
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		98022		
39	56.3	45.3	67.9		
67	67.6	56.7	85.1		
52	29.7	23.4	35.0		



Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

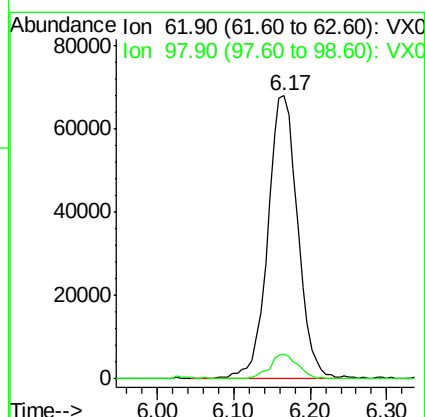
Manual Integrations
APPROVED

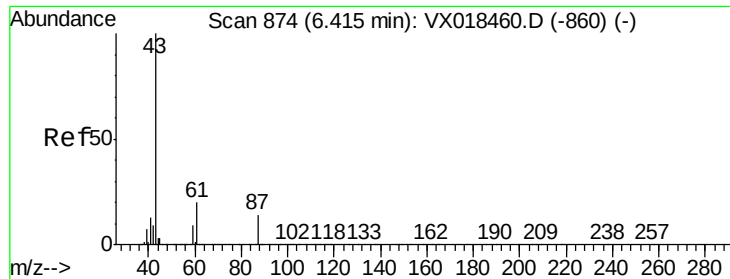
MMDadoda
9/18/2020 12:19:47 PM



#42
1,2-Dichloroethane
Concen: 18.043 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		185396		
98	8.5	0.0	16.6		





#43

Isopropyl Acetate

Concen: 18.661 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

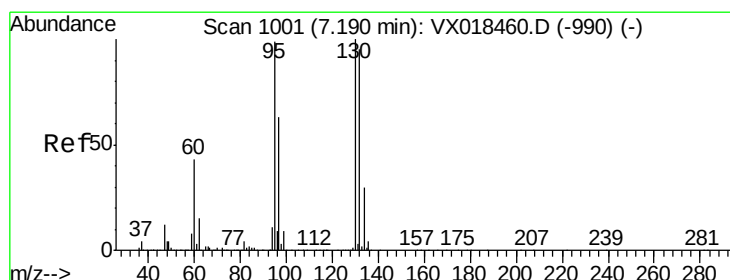
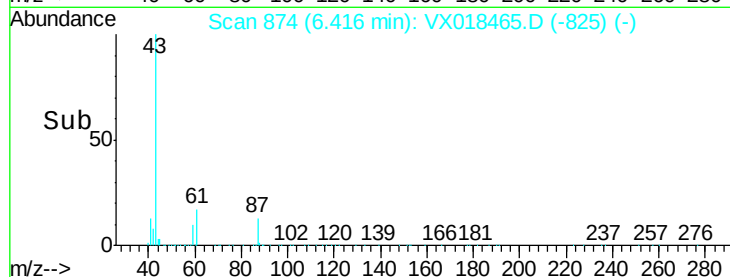
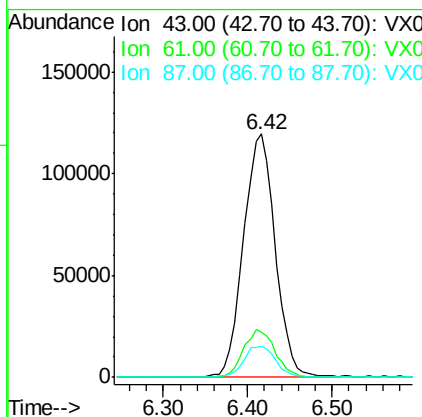
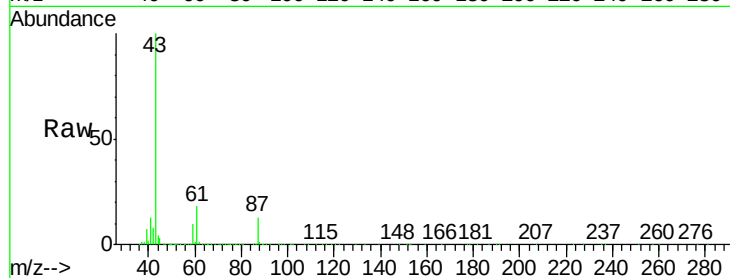
ClientSampleId :

VX0917WBS01

Tot Ion:	43	Resp:	304751
Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.7	23.5
87	13.2	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 17.959 ug/l

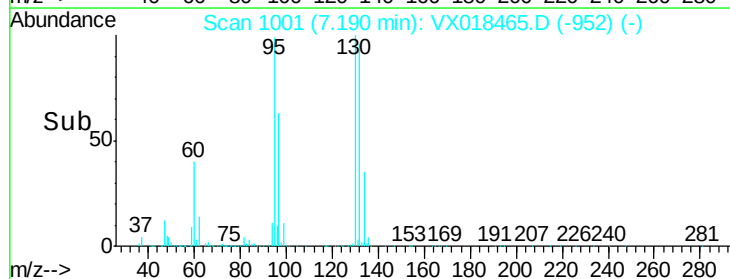
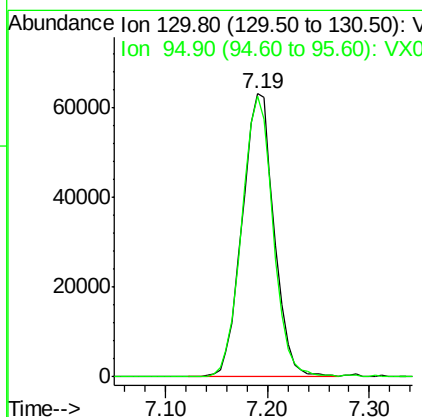
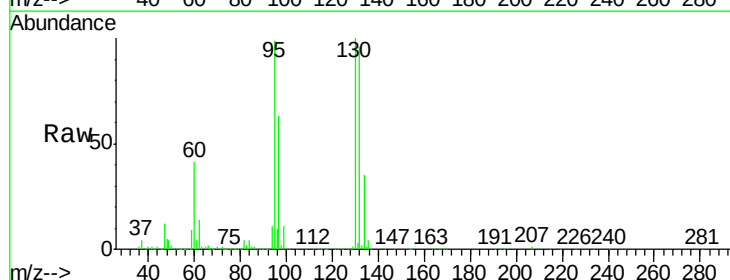
RT: 7.19 min Scan# 1001

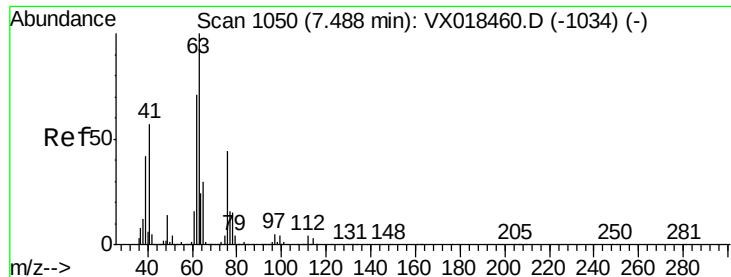
Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Tgt Ion:	130	Resp:	137313
Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	197.4





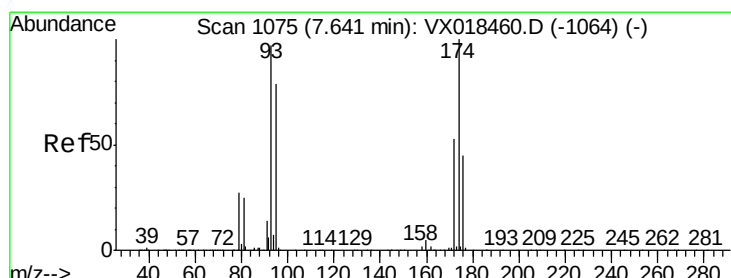
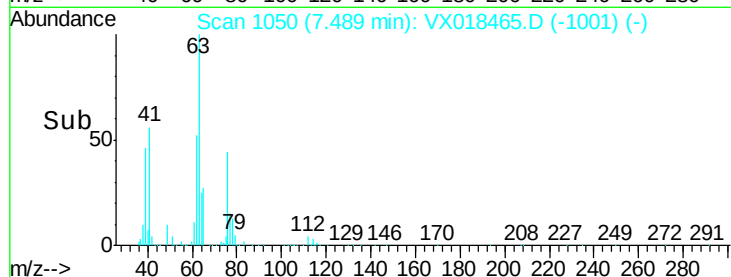
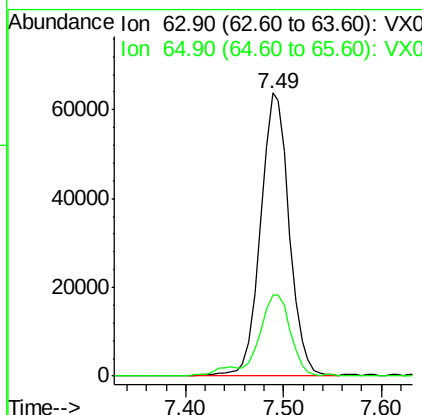
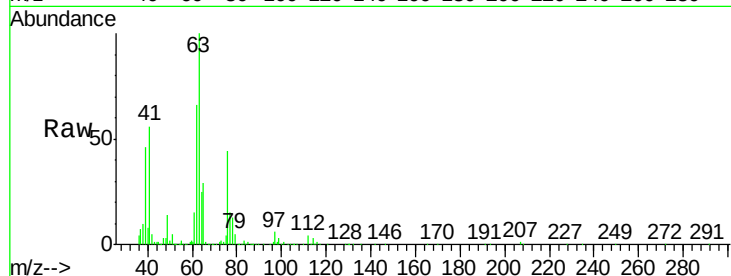
#45
 1,2-Dichloropropane
 Concen: 17.972 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018465.D
 Acq: 17 Sep 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.4	24.1	36.1

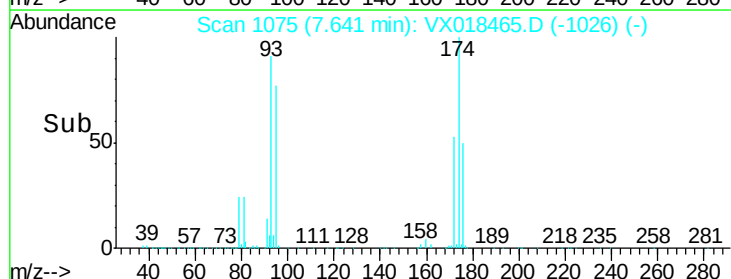
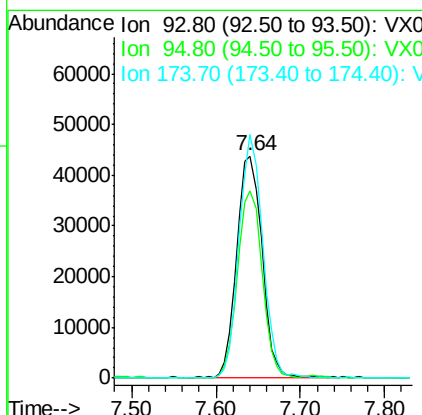
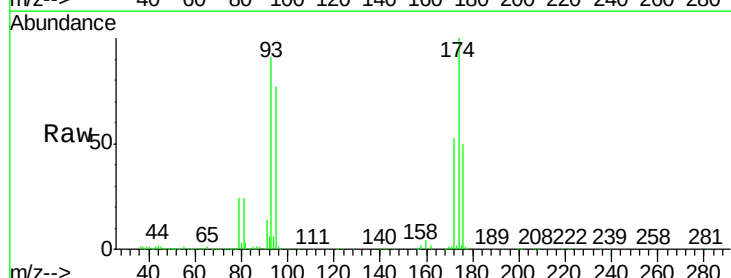
Manual Integrations
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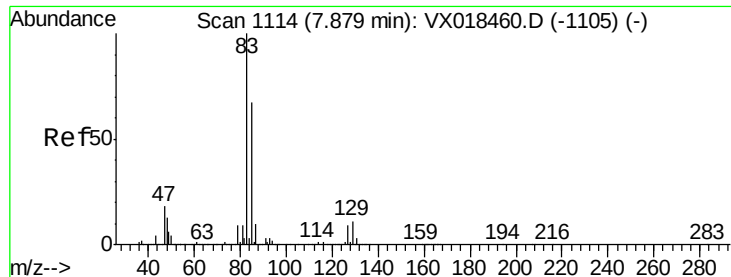
MMDadoda
 9/18/2020 12:19:47 PM



#46
 Dibromomethane
 Concen: 17.929 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX018465.D
 Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.5	65.0	97.4
174	101.8	82.0	123.0





#47

Bromodichloromethane

Concen: 18.090 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

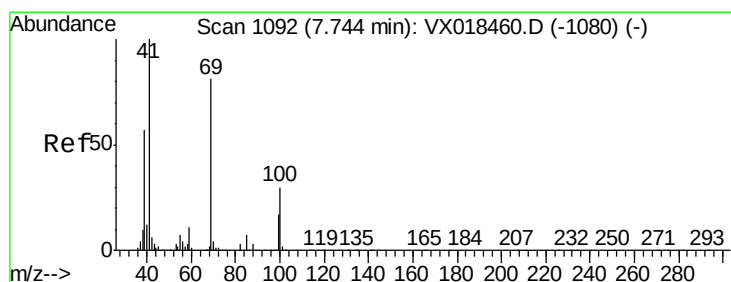
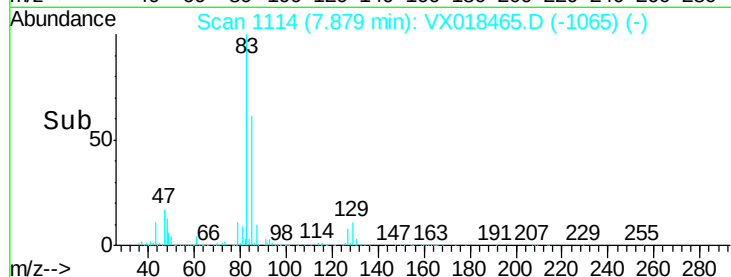
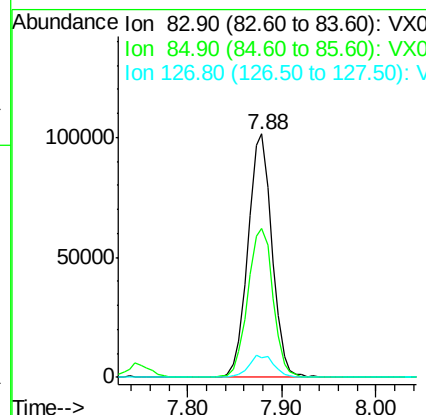
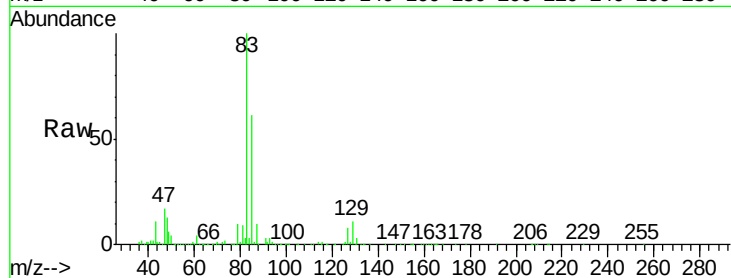
ClientSampleId :

VX0917WBS01

Tot Ion:	83	Resp:	181580
Ion Ratio	Lower	Upper	
83	100		
85	60.8	53.3	79.9
127	8.1	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.371 ug/l

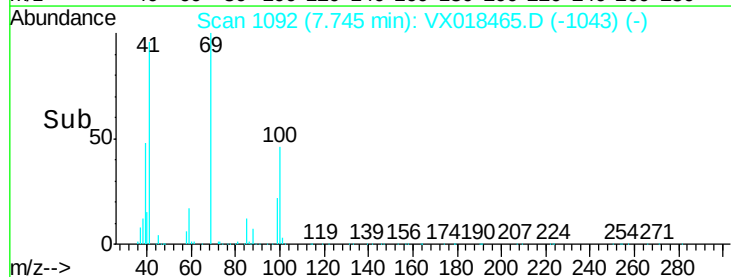
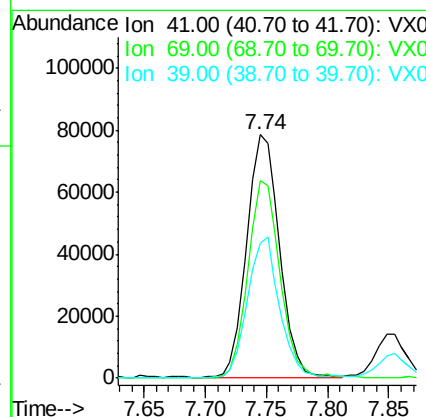
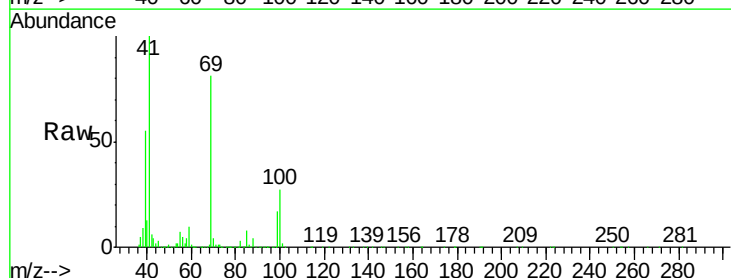
RT: 7.74 min Scan# 1092

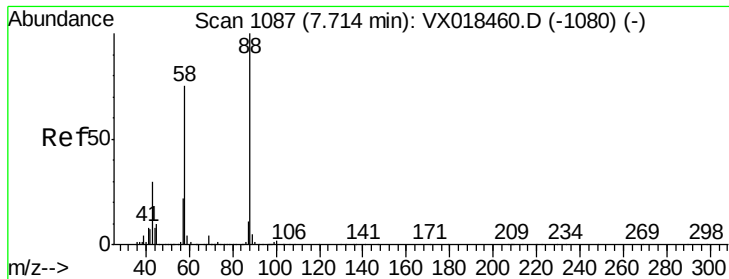
Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Tgt Ion:	41	Resp:	146031
Ion Ratio	Lower	Upper	
41	100		
69	79.8	63.7	95.5
39	56.6	45.0	67.4





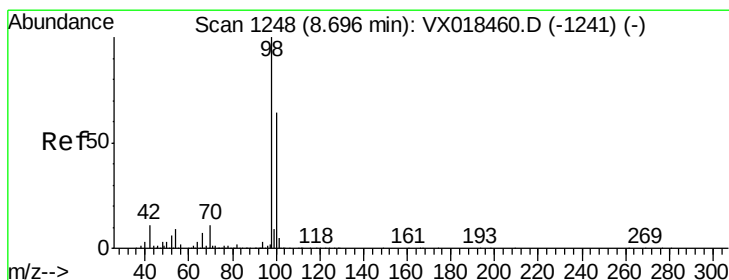
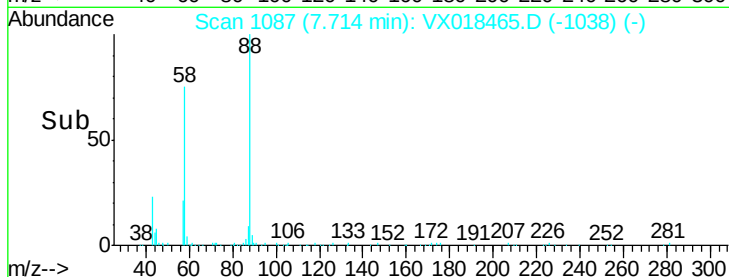
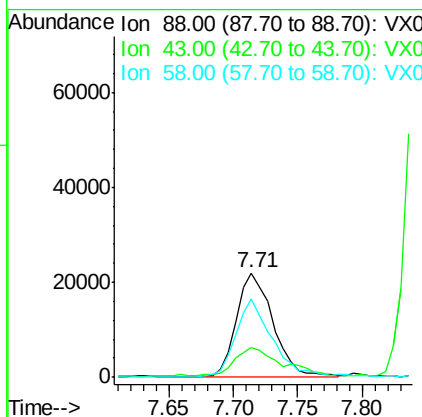
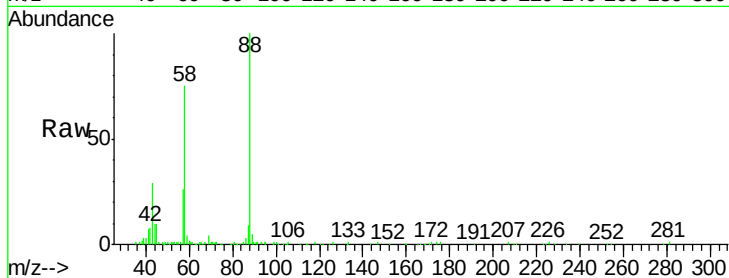
#49
1,4-Dioxane
Concen: 327.993 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.8	29.9	44.9
58	75.9	59.0	88.6

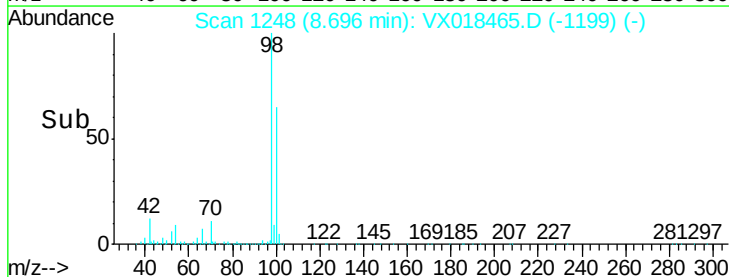
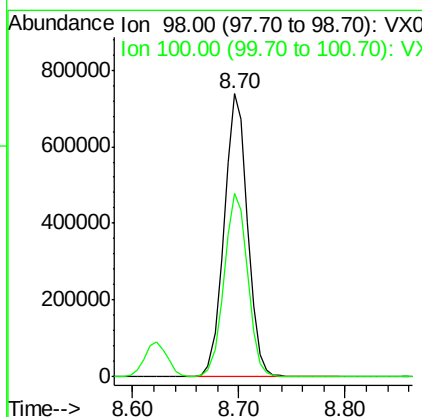
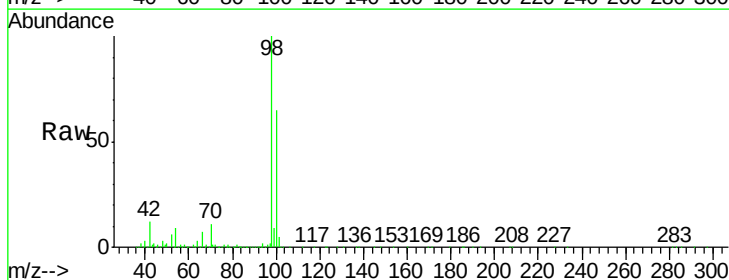
Manual Integrations
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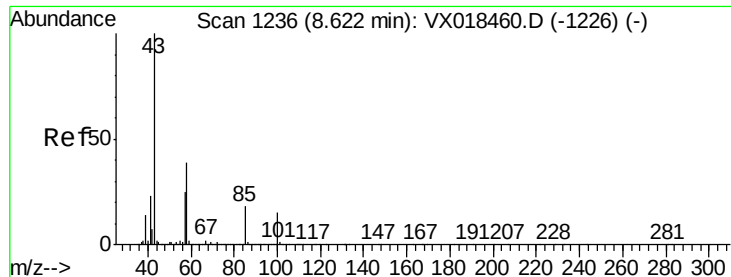
MMDadoda
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#50
Toluene-d8
Concen: 47.621 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.7	77.5





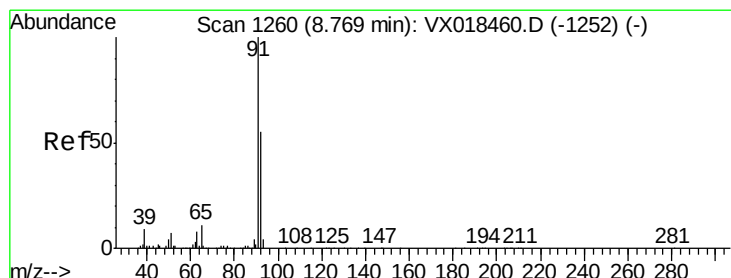
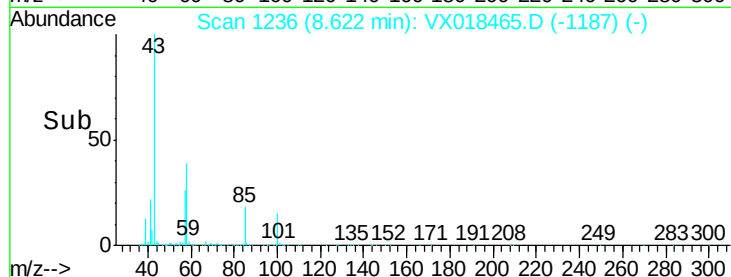
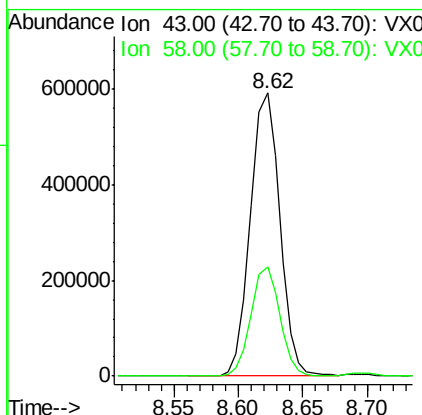
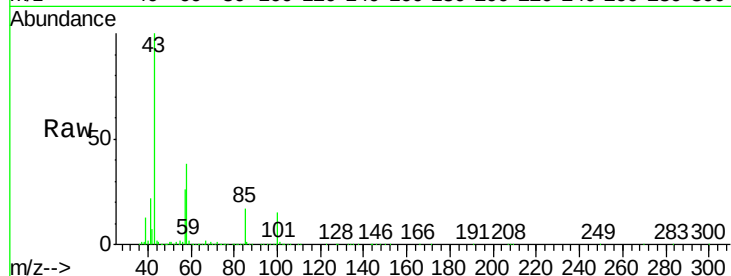
#51
 4-Methyl-2-Pentanone
 Concen: 96.100 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018465.D
 Acq: 17 Sep 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

Tot Ion	43	Resp	934466
Ion Ratio	100	Lower	Upper
43	100		
58	38.1	30.9	46.3

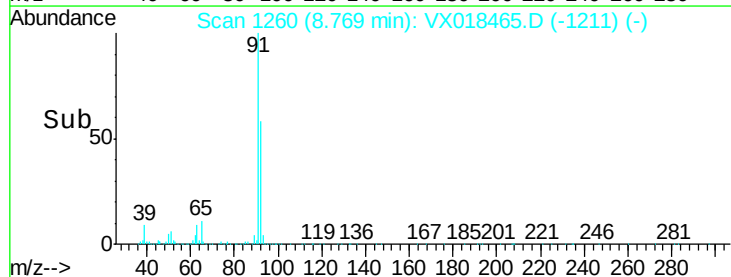
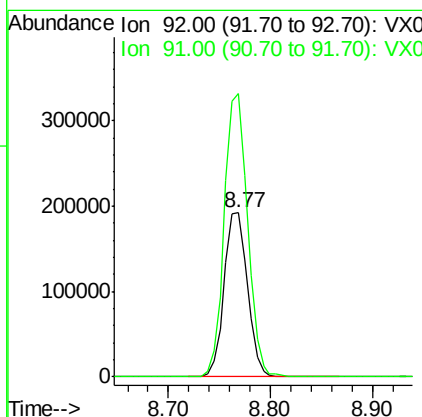
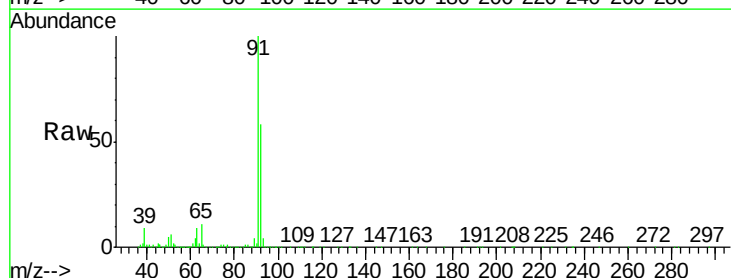
Manual Integrations
 APPROVED

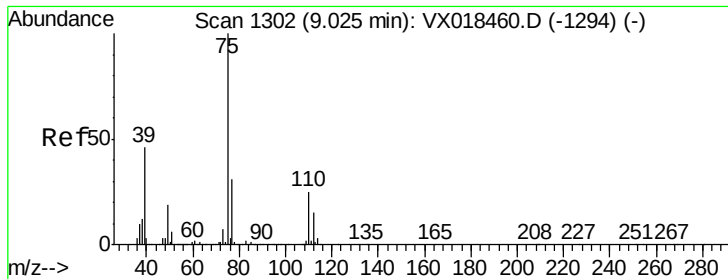
MMDadoda
 9/18/2020 12:19:47 PM



#52
 Toluene
 Concen: 18.493 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX018465.D
 Acq: 17 Sep 2020 14:53

Tgt Ion	92	Resp	307369
Ion Ratio	100	Lower	Upper
92	100		
91	171.2	140.6	210.8





#53

t-1,3-Dichloropropene

Concen: 18.121 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Tot Ion: 75 Resp: 206680

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

Instrument :

MSVOA_X

ClientSampleId :

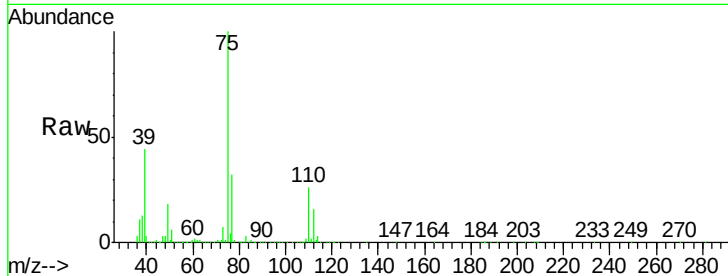
VX0917WBS01

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

150000

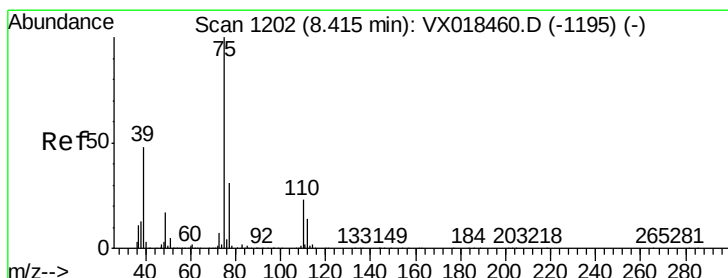
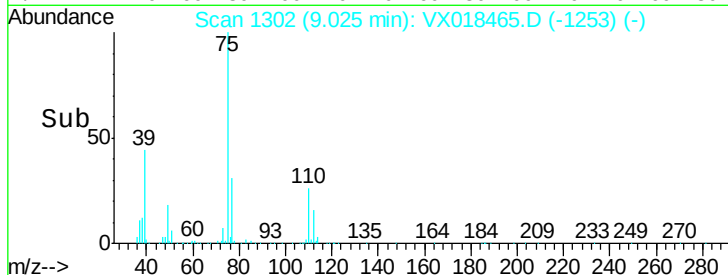
100000

50000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.629 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

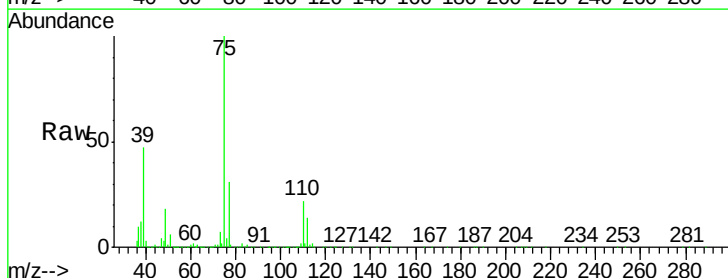
Tgt Ion: 75 Resp: 218889

Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

39 47.3 38.6 58.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

150000

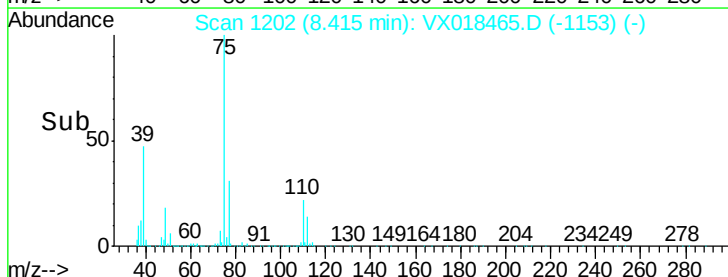
100000

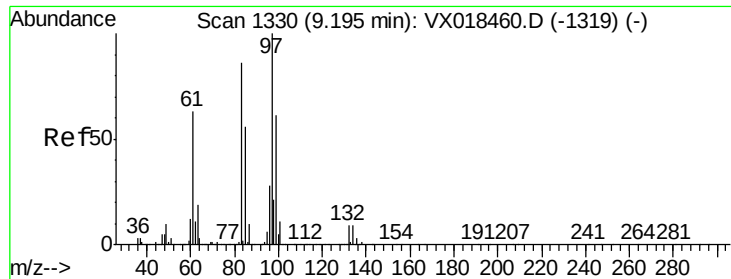
50000

0

8.30 8.40 8.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 18.509 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

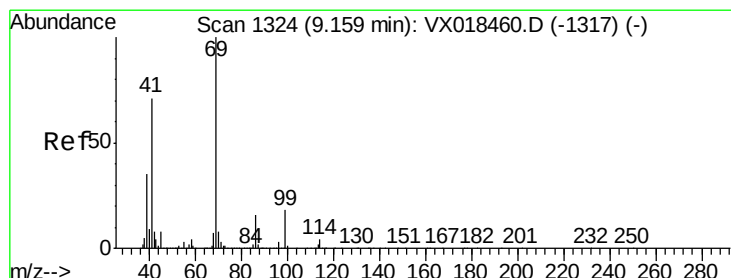
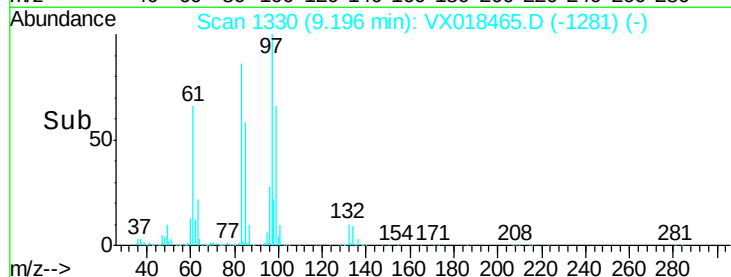
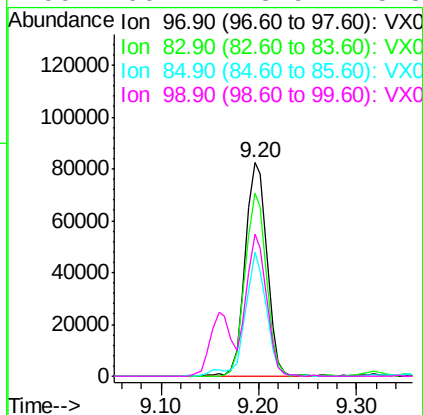
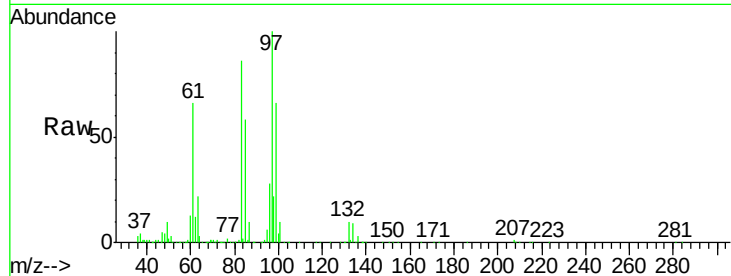
ClientSampleId :

VX0917WBS01

Tot Ion:	97	Resp:	127649
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.5	102.7
85	58.1	44.8	67.2
99	66.2	48.9	73.3

Manual Integrations
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#56

Ethyl methacrylate

Concen: 17.903 ug/l

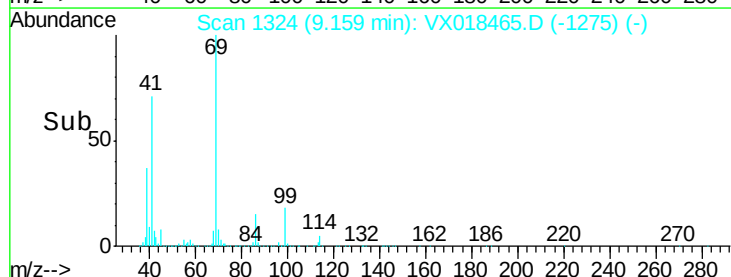
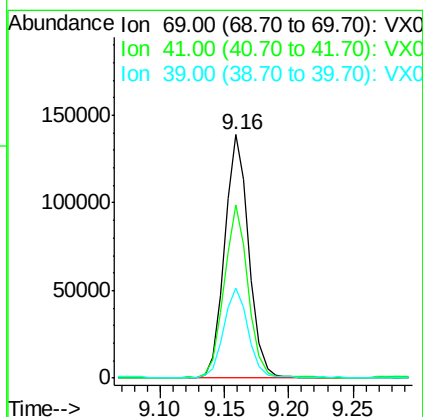
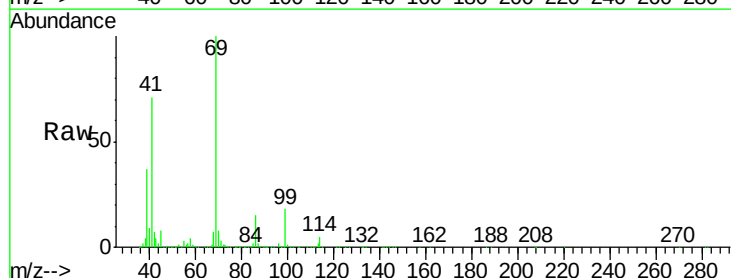
RT: 9.16 min Scan# 1324

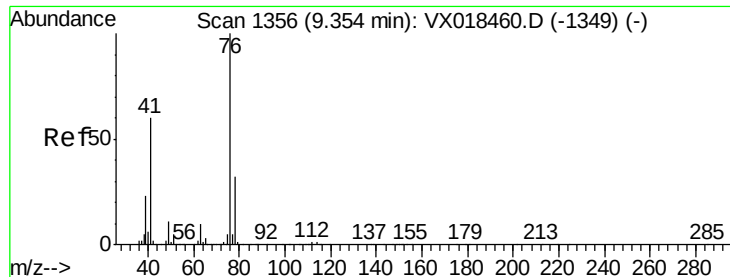
Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Tgt Ion:	69	Resp:	183079
Ion	Ratio	Lower	Upper
69	100		
41	70.3	54.6	81.8
39	37.9	29.3	43.9





#57

1,3-Dichloropropane

Concen: 18.204 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

Tot Ion: 76 Resp: 210929

Ion Ratio Lower Upper

76 100

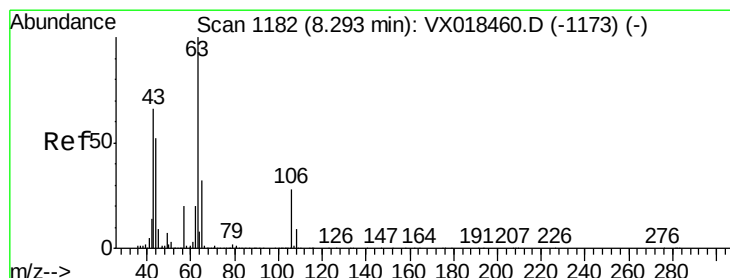
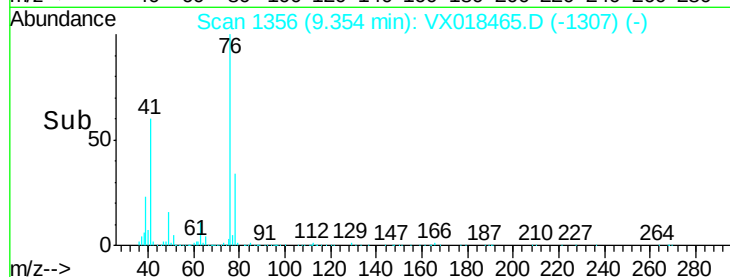
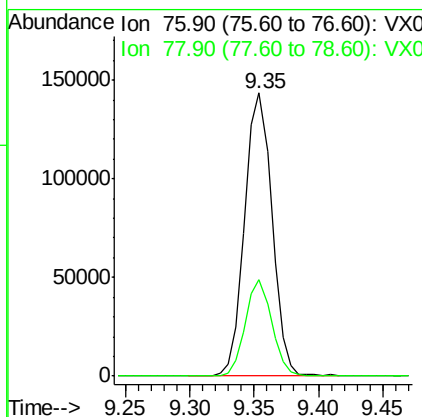
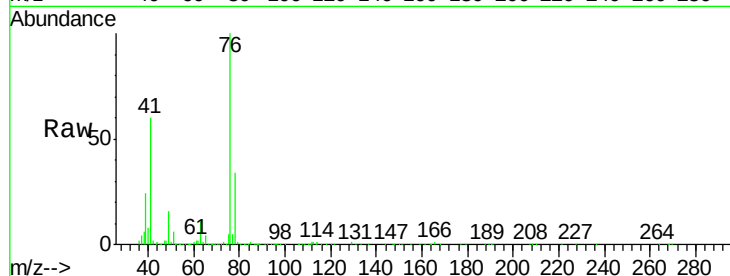
78 32.8 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 101.559 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018465.D

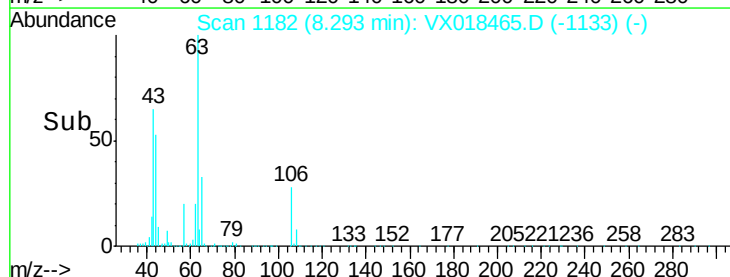
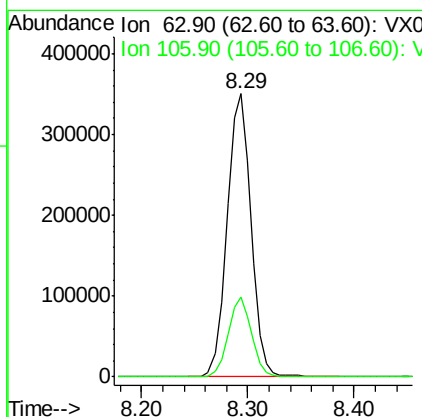
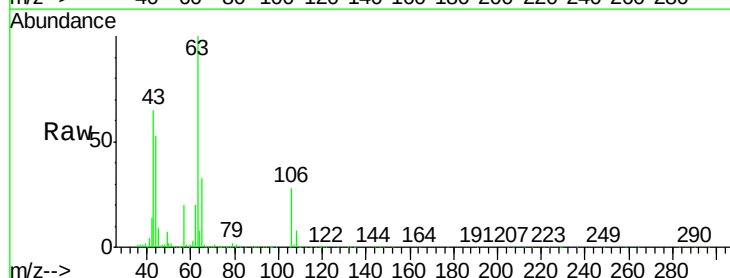
Acq: 17 Sep 2020 14:53

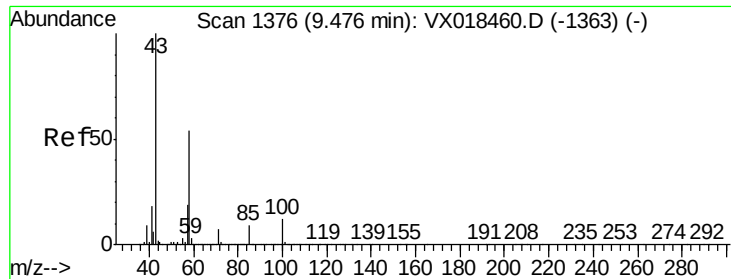
Tgt Ion: 63 Resp: 552157

Ion Ratio Lower Upper

63 100

106 27.4 22.2 33.2





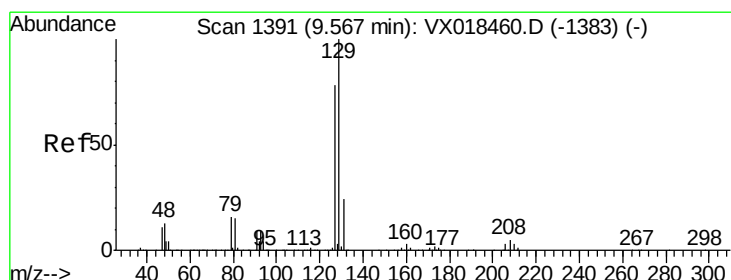
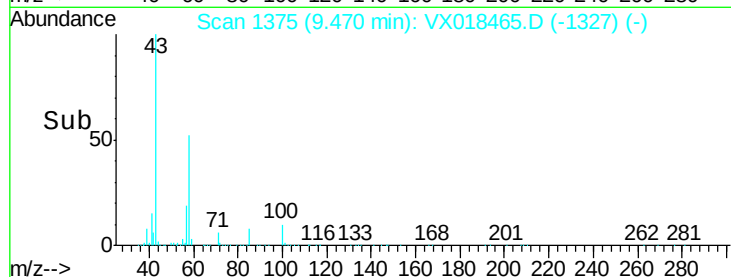
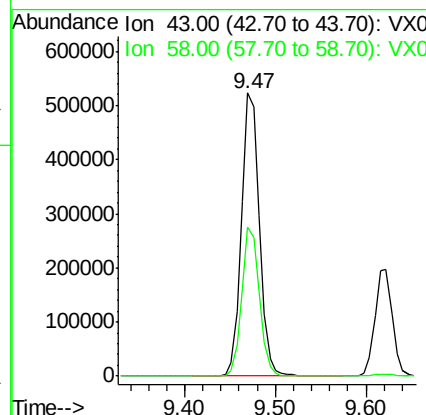
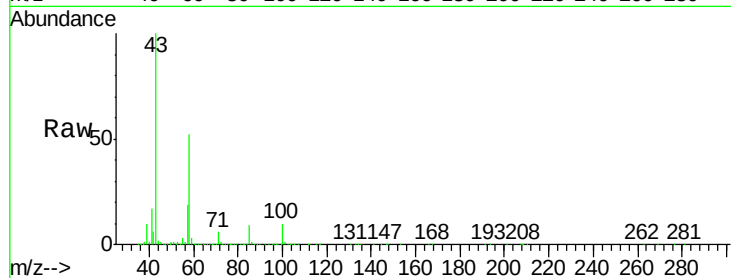
#59
2-Hexanone
Concen: 96.941 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.6	26.5	79.4

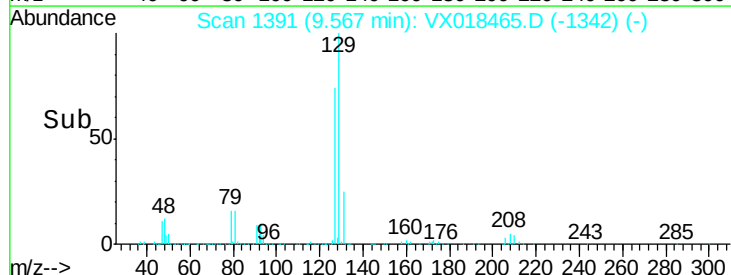
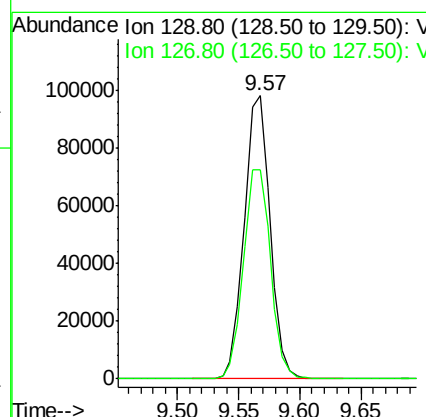
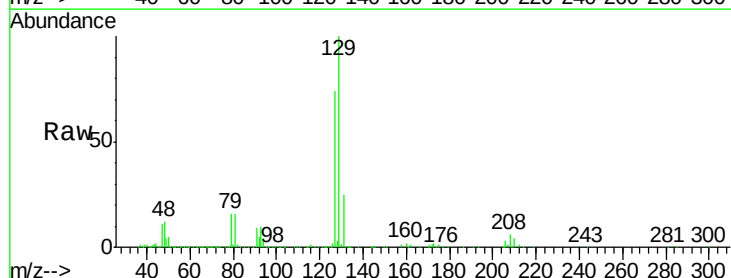
Manual Integrations
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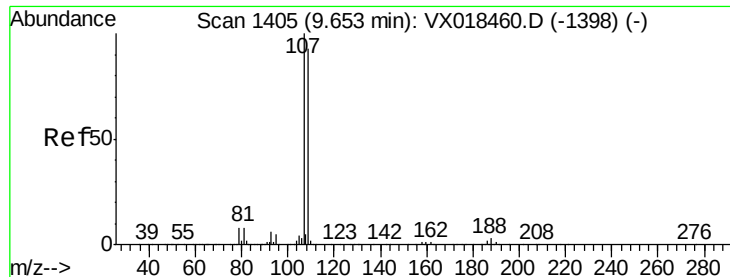
MMDadoda
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#60
Dibromochloromethane
Concen: 17.479 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.0	117.0





#61

1,2-Dibromoethane

Concen: 18.333 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

Tot Ion: 107 Resp: 134524

Ion Ratio Lower Upper

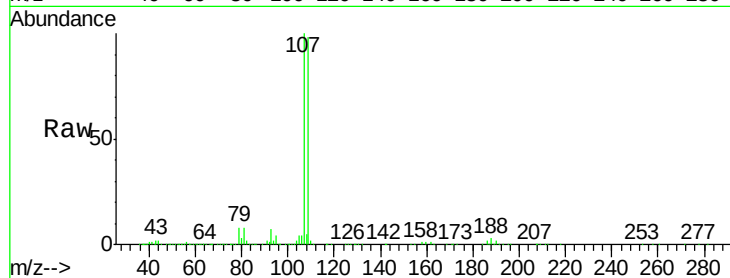
107 100

109 95.6 75.9 113.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

100000

80000

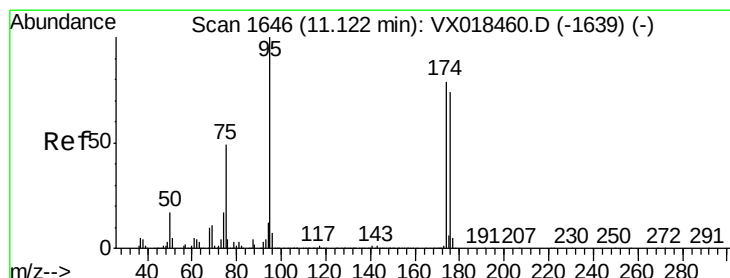
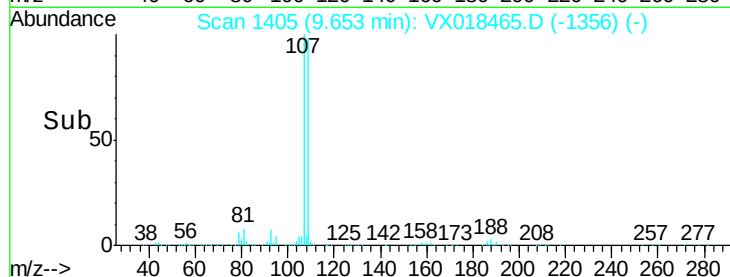
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 46.276 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

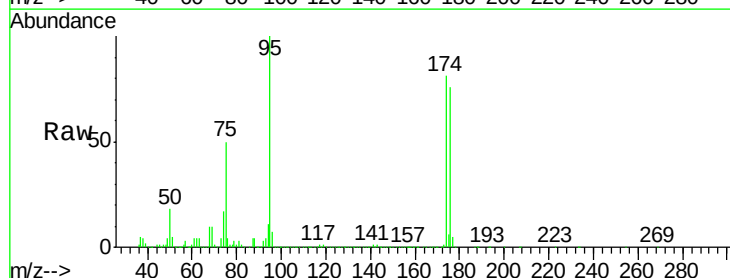
Tgt Ion: 95 Resp: 439013

Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.4

176 75.2 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

500000

400000

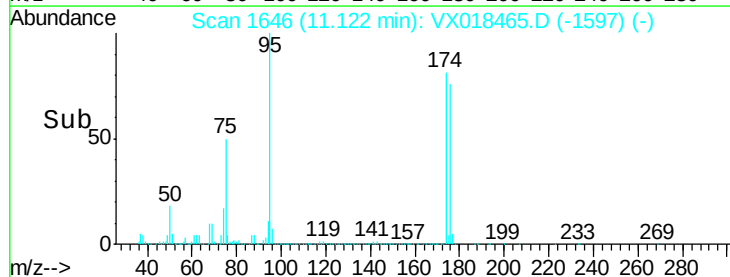
300000

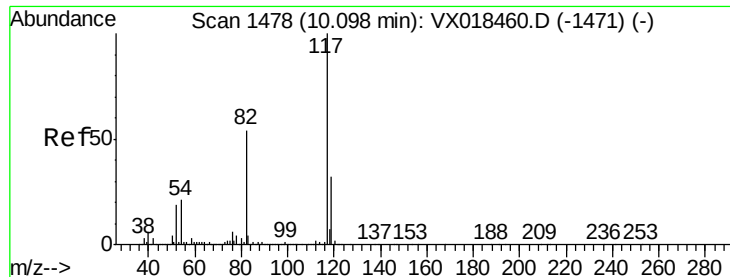
200000

100000

0

Time--> 11.10 11.12 11.20





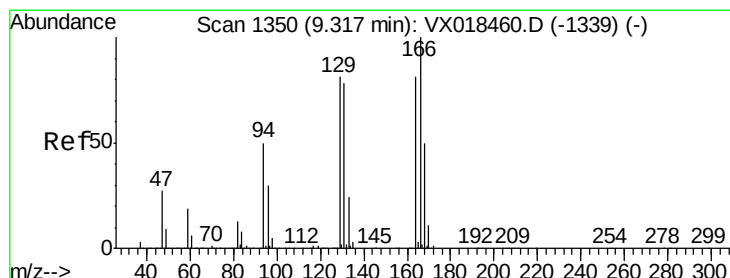
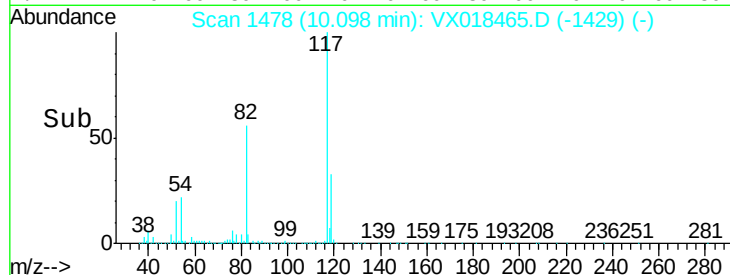
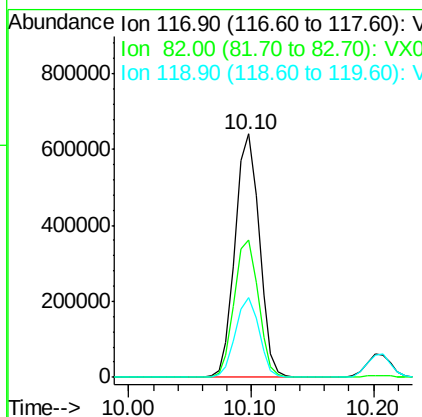
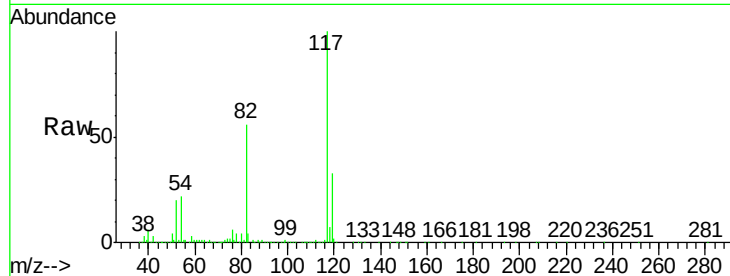
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.3	64.9
119	32.7	25.9	38.9

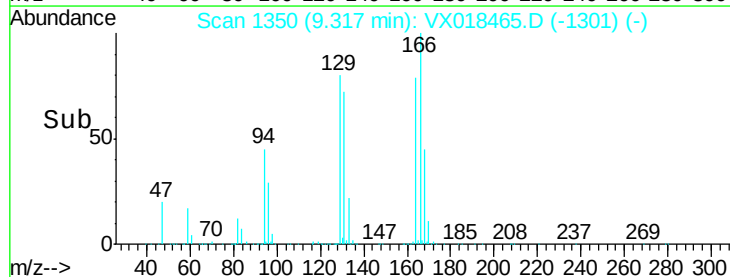
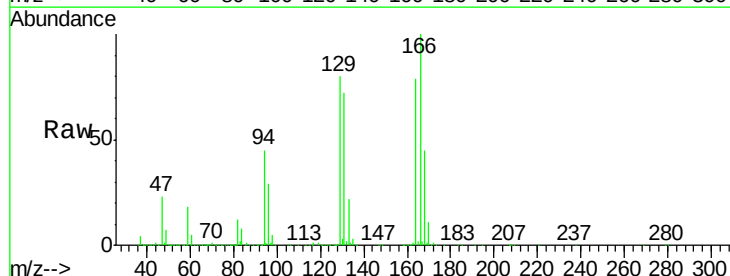
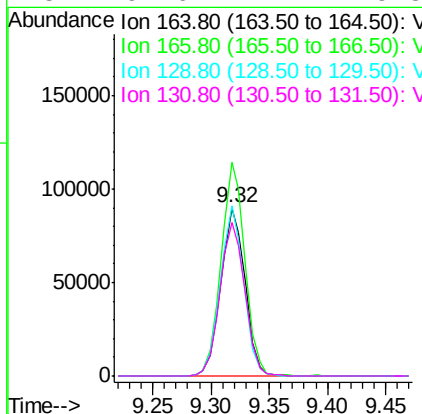
Manual Integrations
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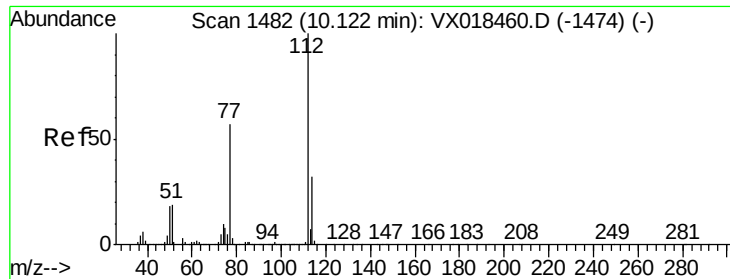
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#64
Tetrachloroethene
Concen: 18.636 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	99.3	148.9
129	101.3	80.7	121.1
131	91.6	77.2	115.8





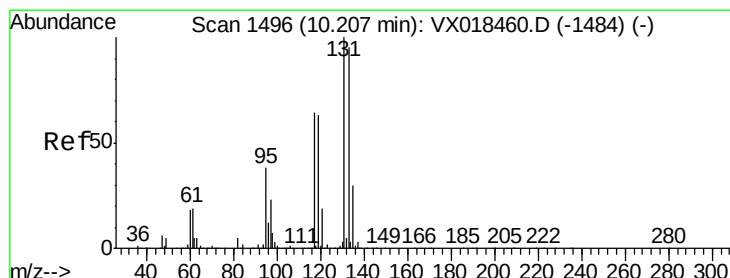
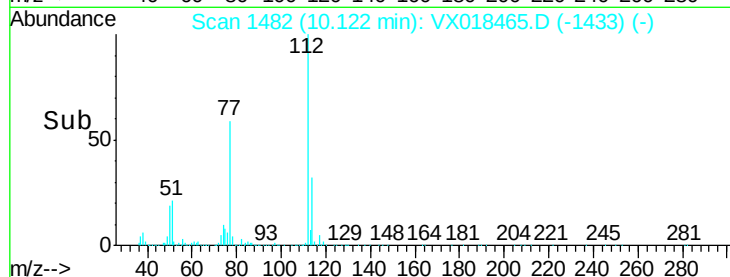
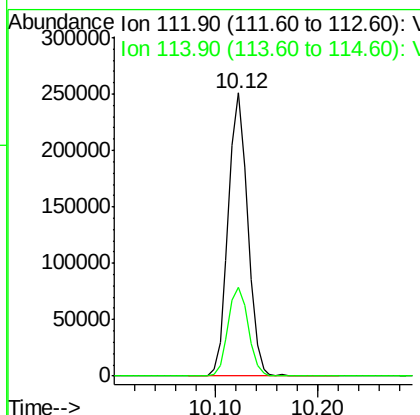
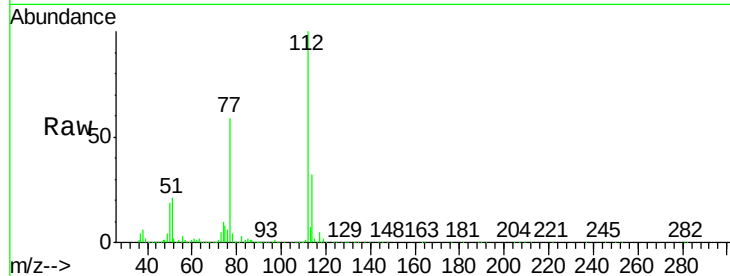
#65
Chlorobenzene
Concen: 18.369 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tot Ion:112 Resp: 331602
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

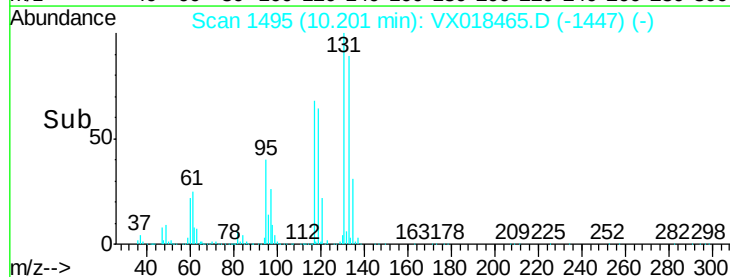
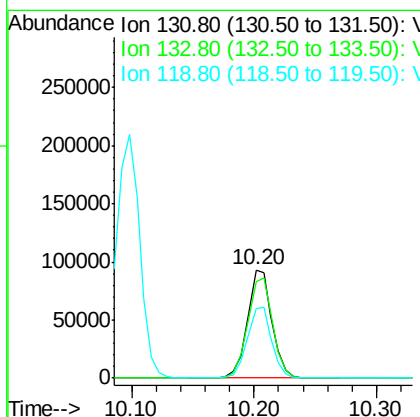
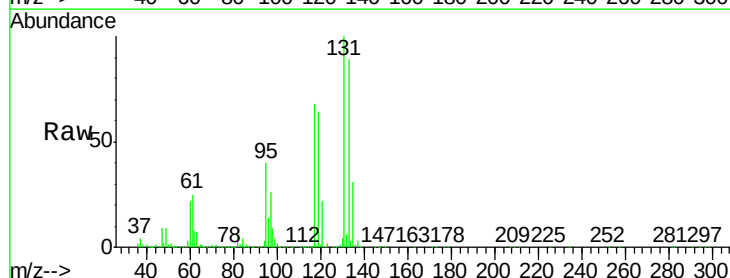
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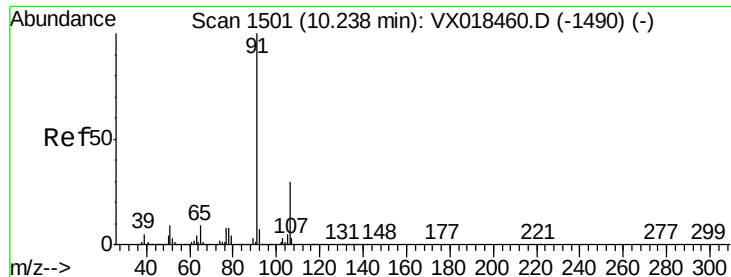
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.903 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Tgt Ion:131 Resp: 129646
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.4
119 65.5 31.9 95.7





#67

Ethyl Benzene

Concen: 18.577 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

Tot Ion: 91 Resp: 580472

Ion Ratio Lower Upper

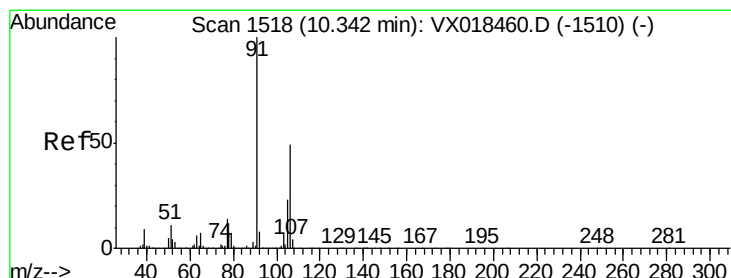
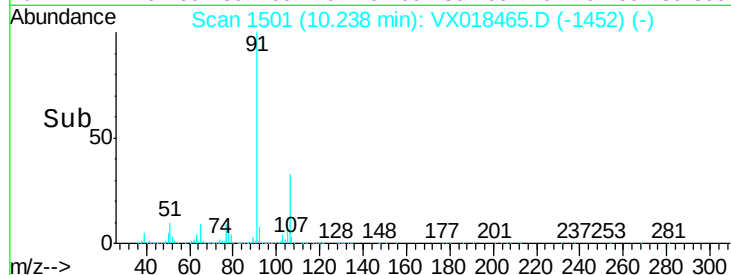
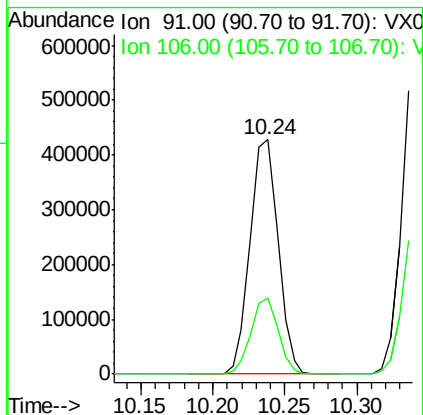
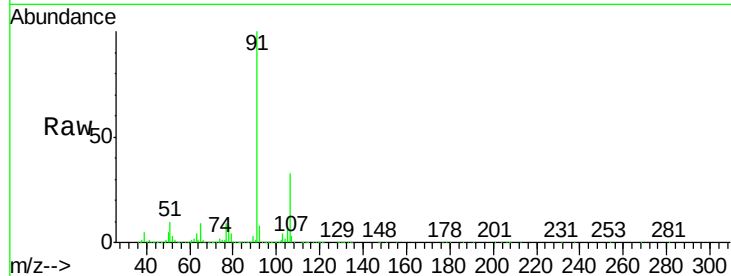
91 100

106 32.5 24.1 36.1

Manual Integrations
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#68

m/p-Xylenes

Concen: 36.664 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018465.D

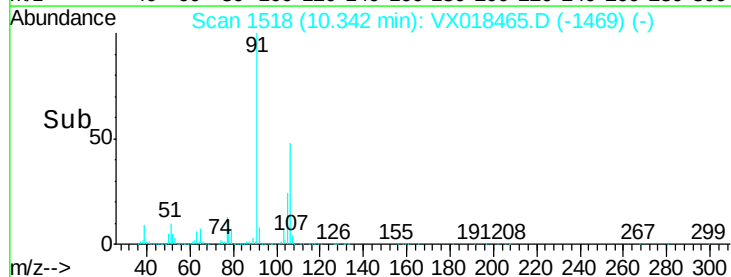
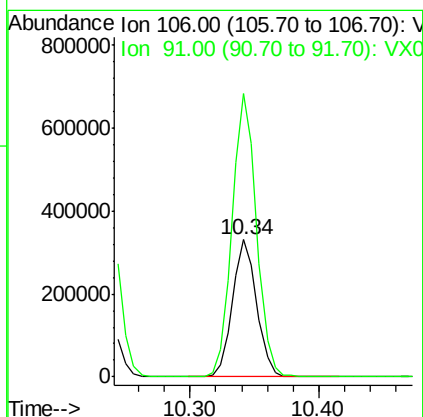
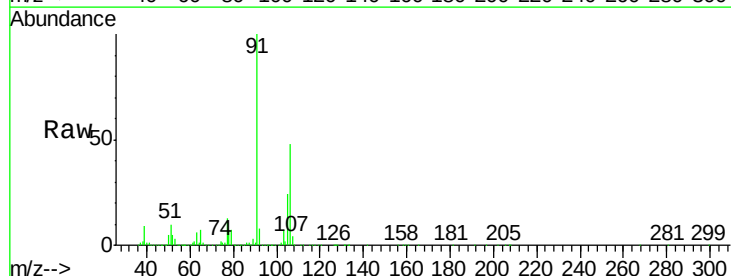
Acq: 17 Sep 2020 14:53

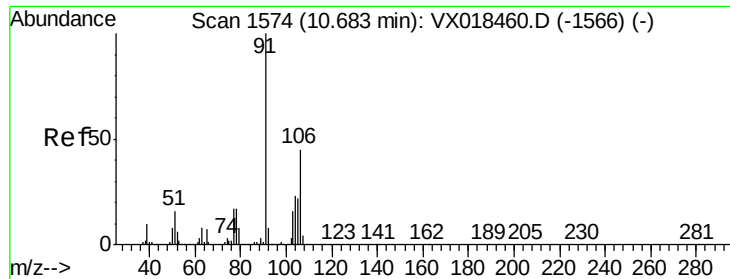
Tgt Ion: 106 Resp: 433368

Ion Ratio Lower Upper

106 100

91 208.6 163.8 245.6





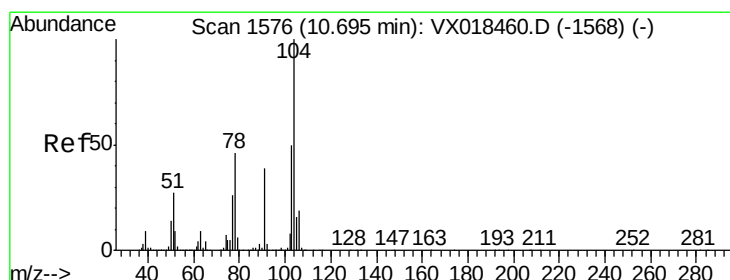
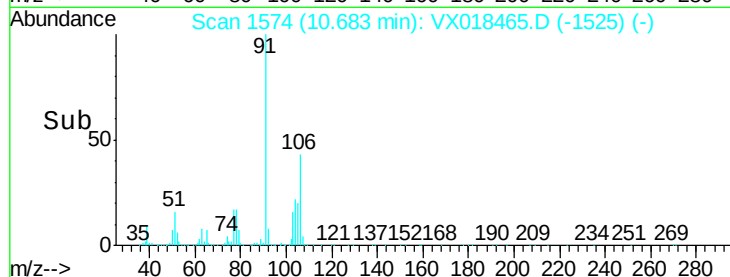
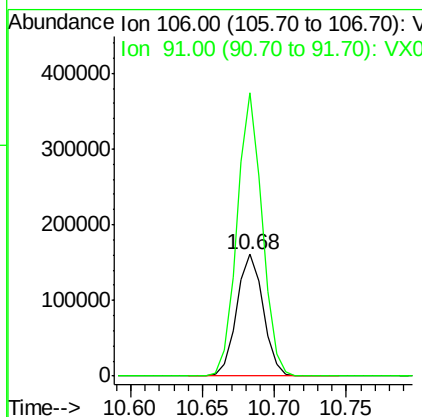
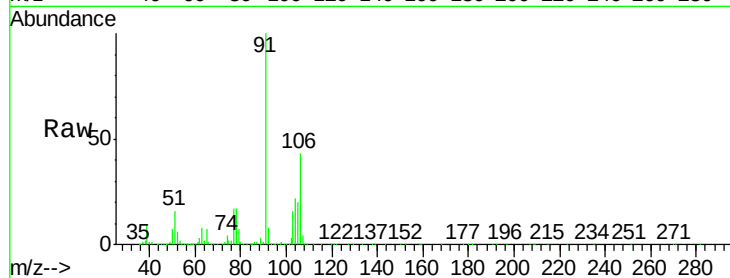
#69
o-Xylene
Concen: 18.449 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Instrument :
MSVOA_X
ClientSampled :
VX0917WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.5	109.7	329.0

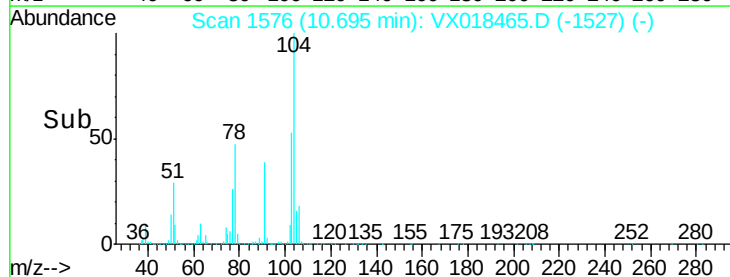
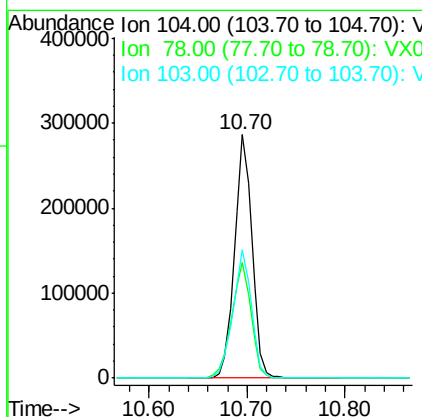
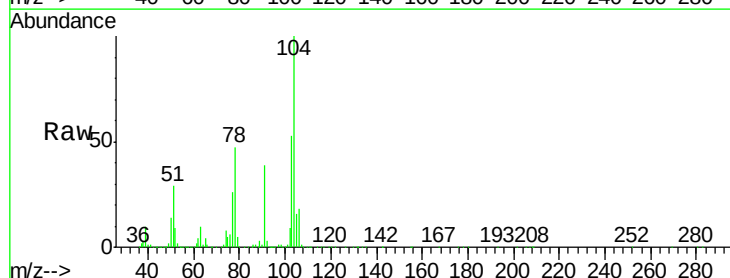
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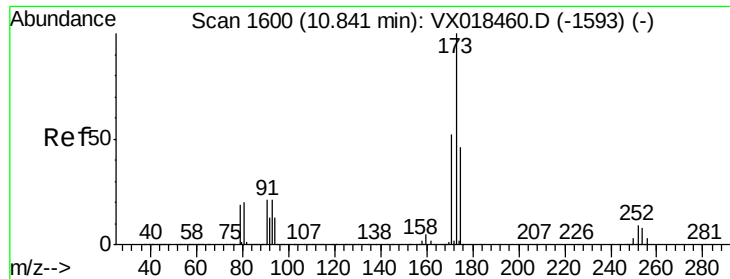
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#70
Styrene
Concen: 18.443 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.3	40.5	60.7
103	56.1	43.2	64.8





#71

Bromoform

Concen: 17.390 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

Tot Ion:173 Resp: 105736

Ion Ratio Lower Upper

173 100

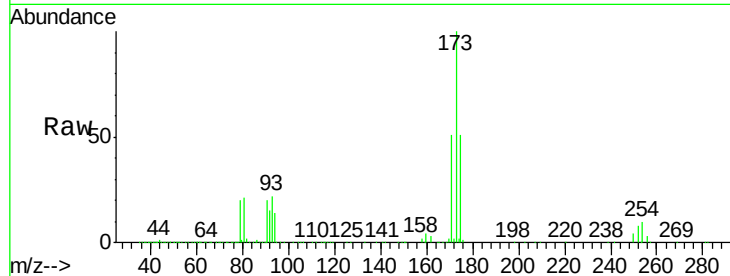
175 53.7 23.6 70.8

254 0.1 0.1 0.1#

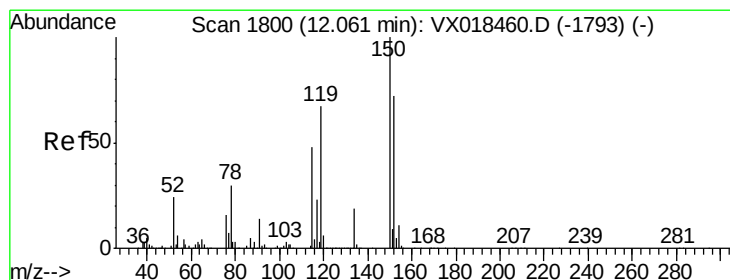
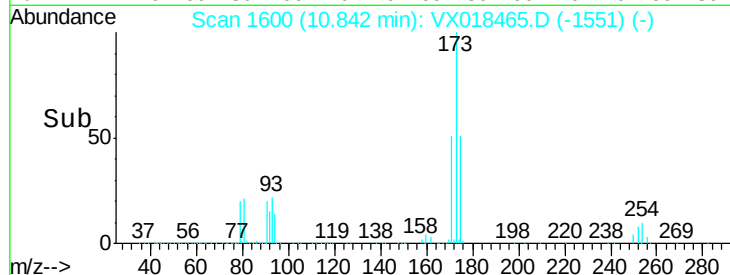
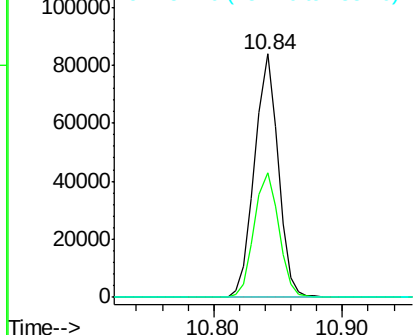
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

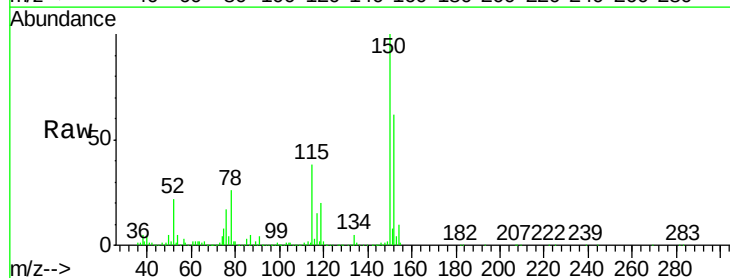
Tgt Ion:152 Resp: 461547

Ion Ratio Lower Upper

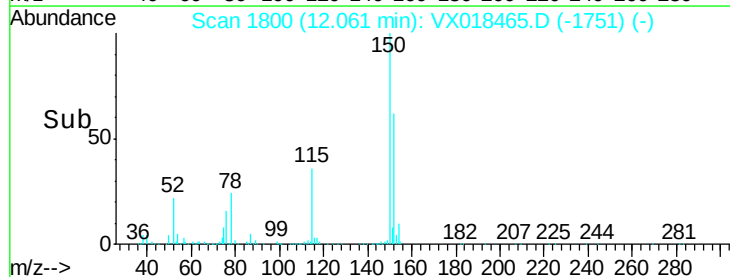
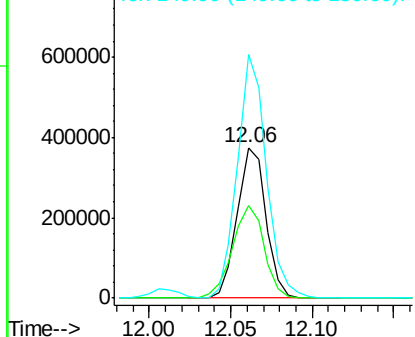
152 100

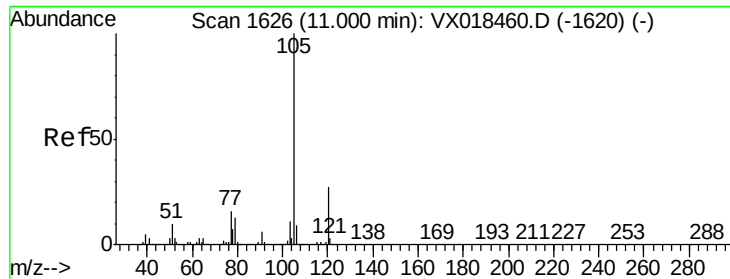
115 67.2 41.8 125.4

150 162.7 0.0 342.4



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





#73

Isopropylbenzene

Concen: 18.530 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

Tot Ion: 105 Resp: 571327

Ion Ratio Lower Upper

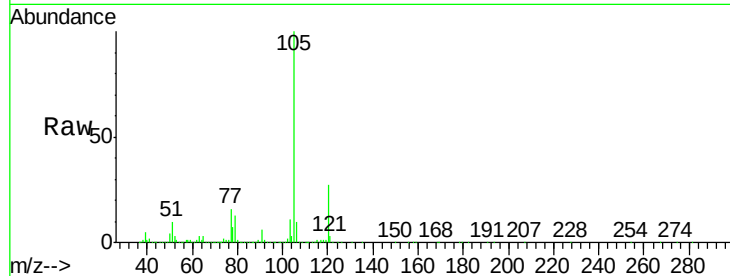
105 100

120 26.8 13.4 40.2

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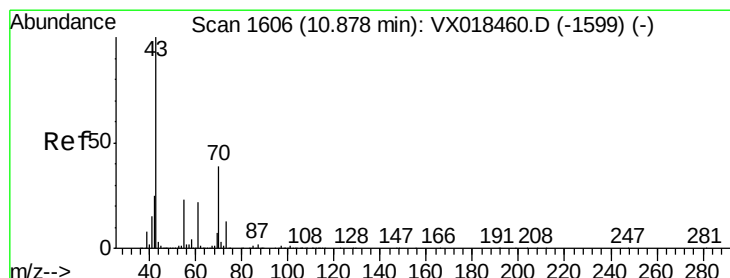
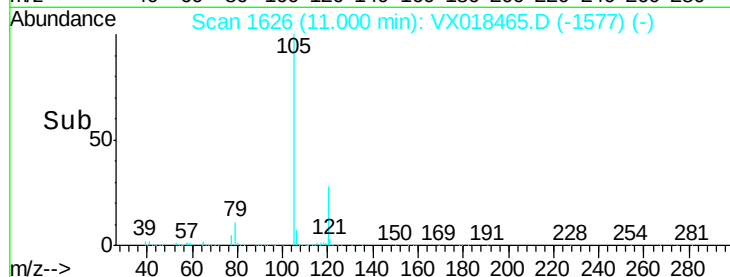
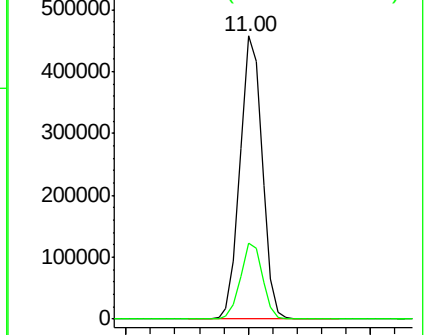
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.639 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Tgt Ion: 43 Resp: 258726

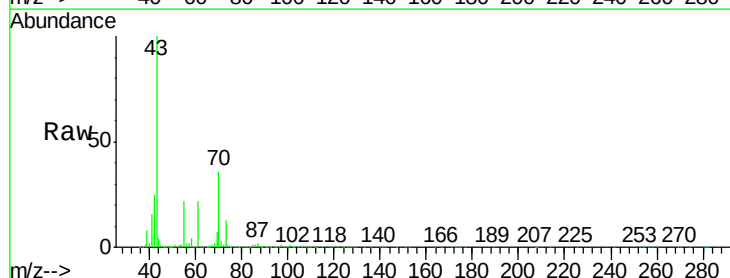
Ion Ratio Lower Upper

43 100

70 39.3 32.2 48.4

55 22.8 18.8 28.2

61 22.9 19.0 28.4

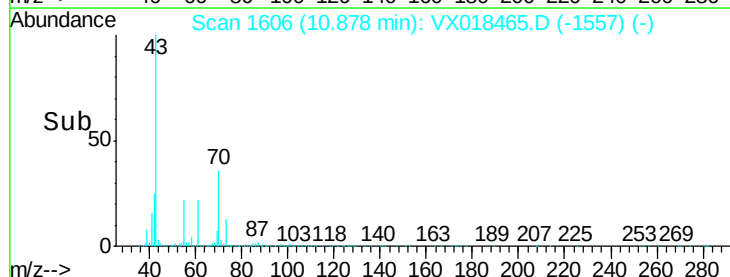
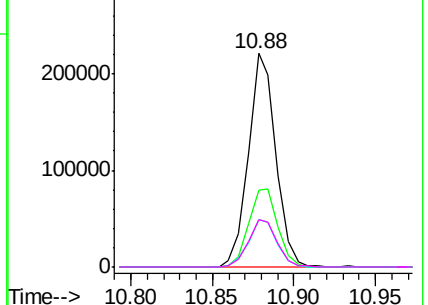


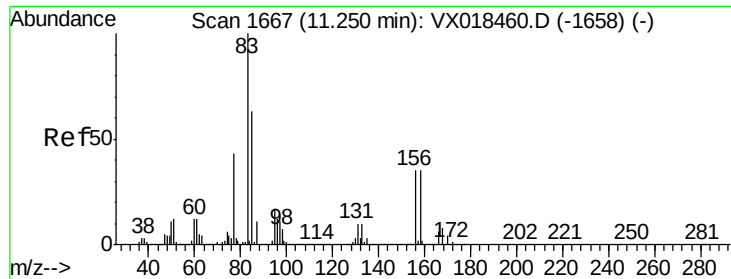
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 18.336 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

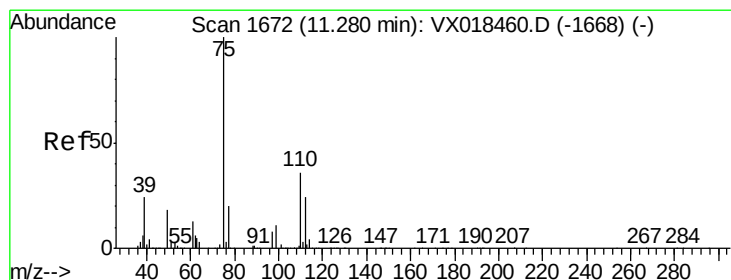
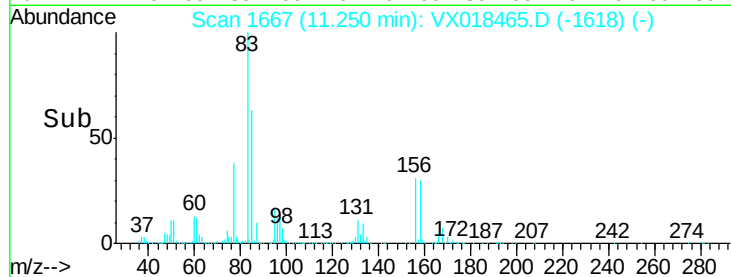
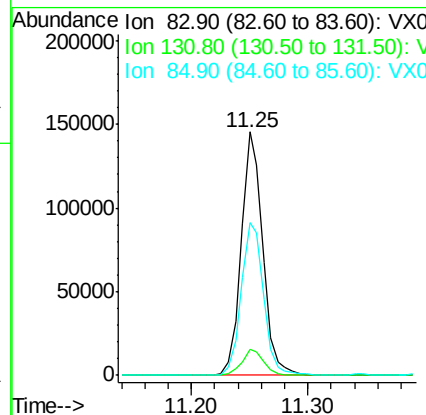
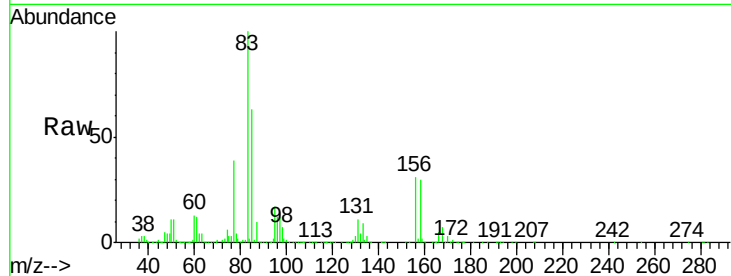
ClientSampleId :

VX0917WBS01

Tot Ion:	83	Resp:	187133
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.1	15.4
85	65.5	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.038 ug/l m

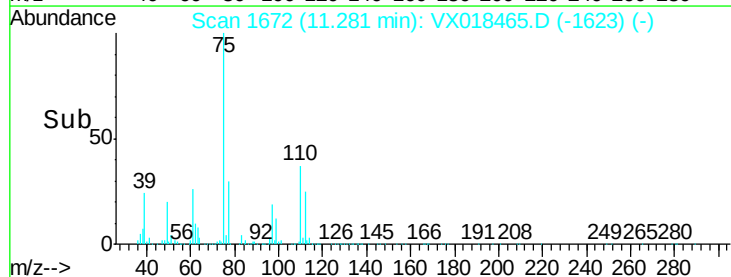
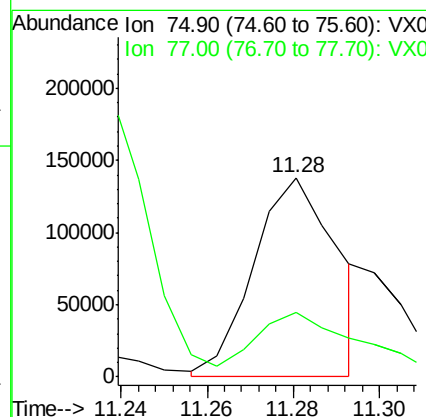
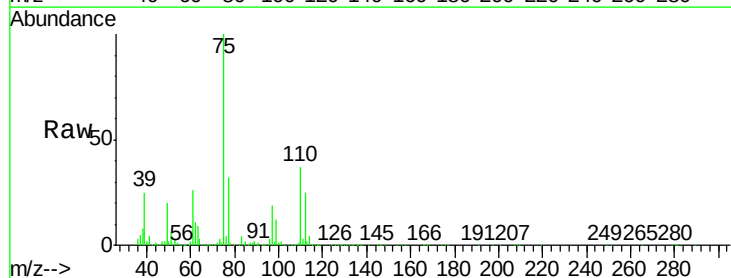
RT: 11.28 min Scan# 1672

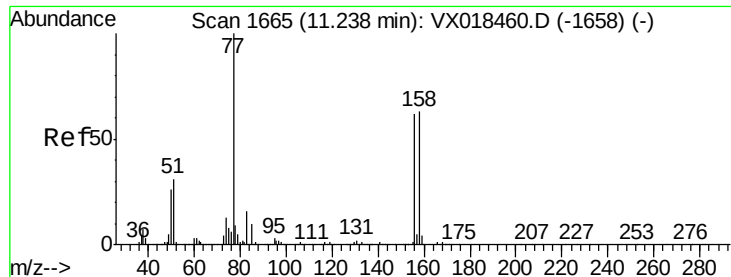
Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Tgt Ion:	75	Resp:	184647
Ion Ratio	Lower	Upper	
75	100		
77	40.9	20.9	62.7





#77

Bromobenzene

Concen: 17.052 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

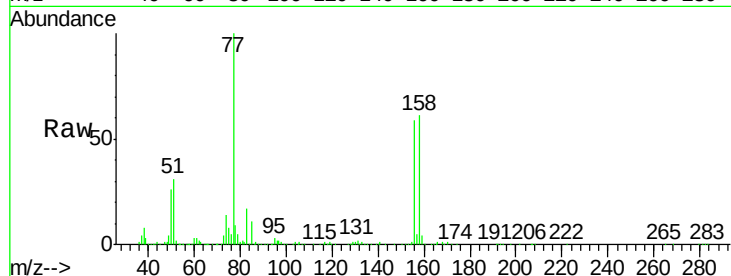
ClientSampleId :

VX0917WBS01

Tot Ion:	156	Resp:	145064
Ion Ratio	Lower	Upper	
156	100		
77	167.5	78.8	236.5
158	100.1	48.4	145.3

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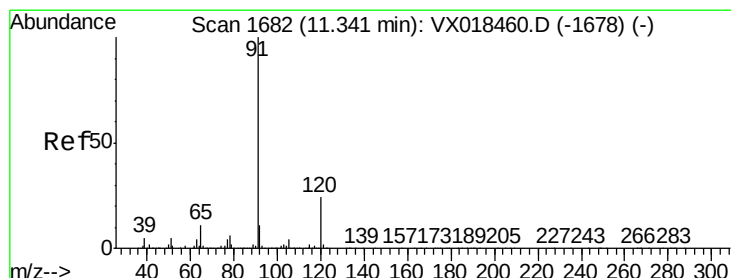
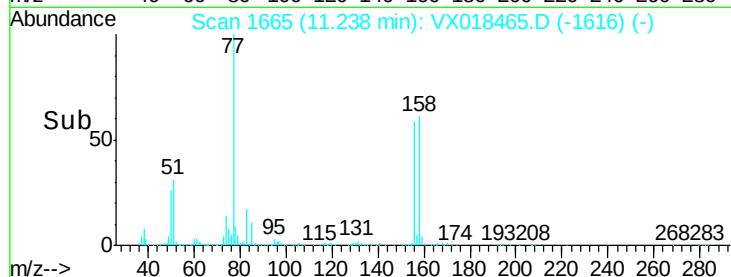
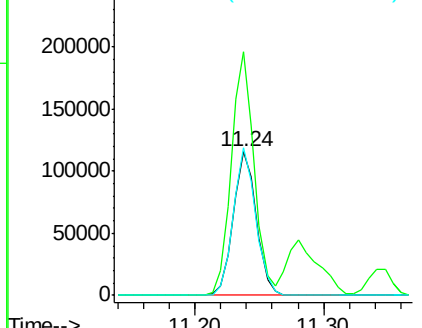
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.195 ug/l

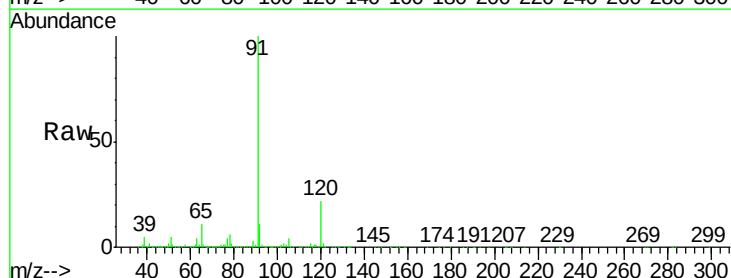
RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018465.D

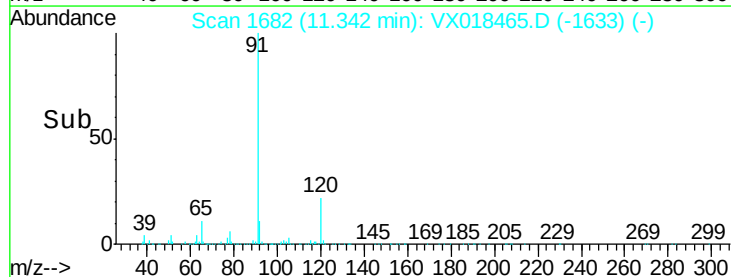
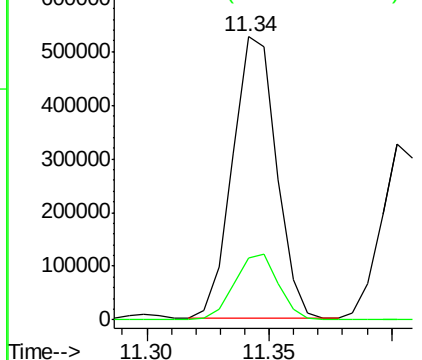
Acq: 17 Sep 2020 14:53

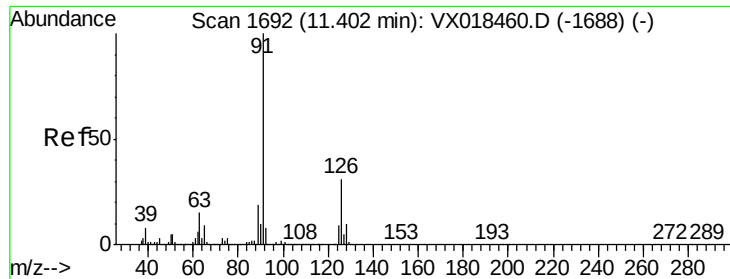
Tgt Ion:	91	Resp:	656655
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.547 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

Tot Ion: 91 Resp: 405181

Ion Ratio Lower Upper

91 100

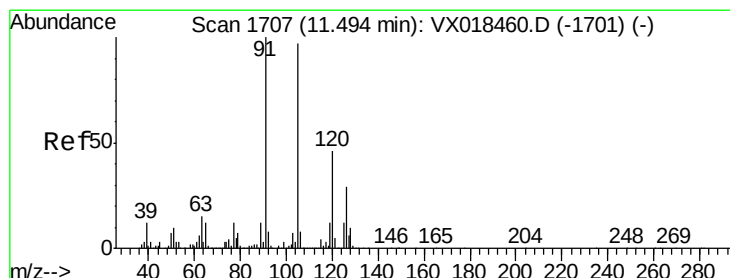
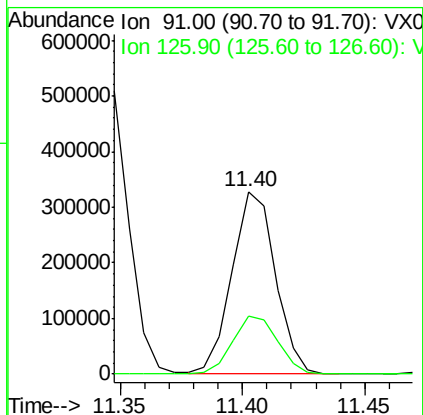
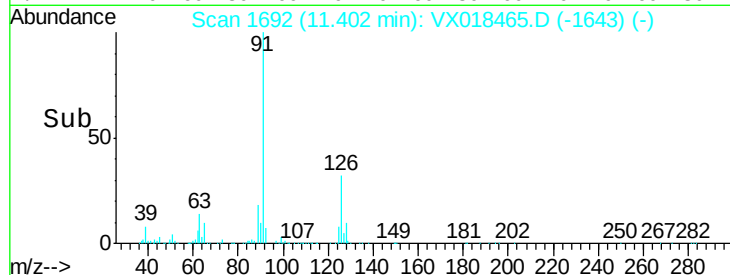
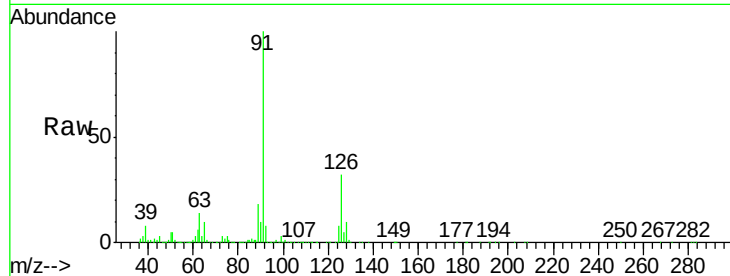
126 33.1 16.6 49.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 18.499 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018465.D

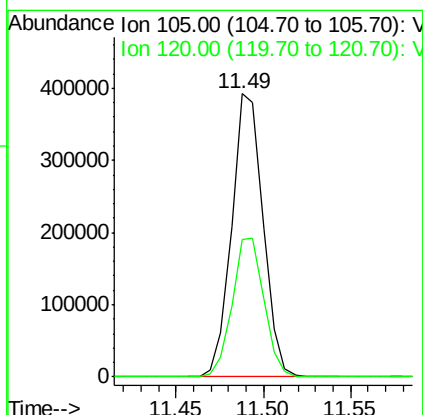
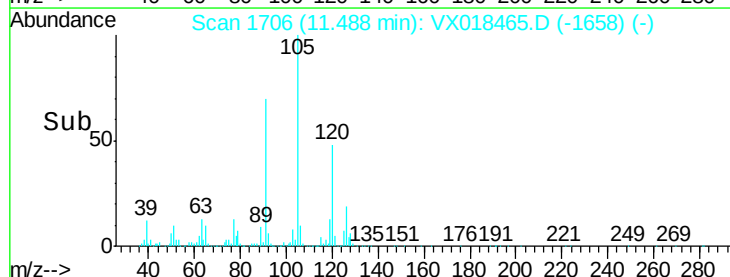
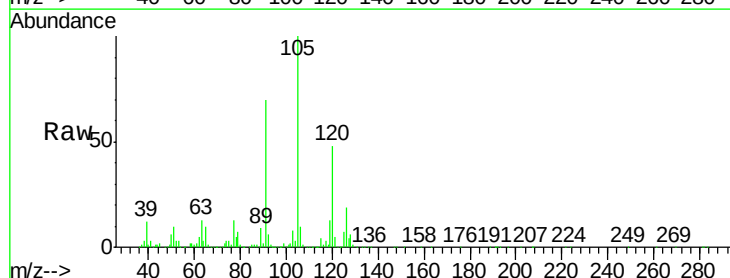
Acq: 17 Sep 2020 14:53

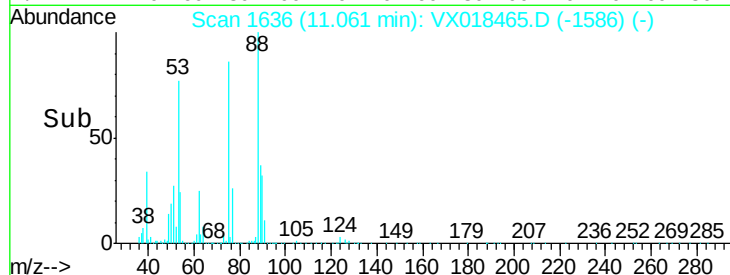
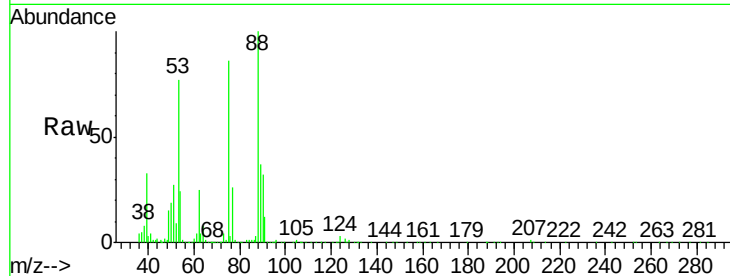
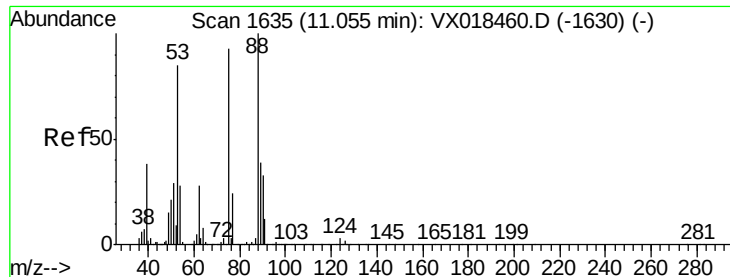
Tgt Ion: 105 Resp: 487799

Ion Ratio Lower Upper

105 100

120 49.9 23.6 71.0





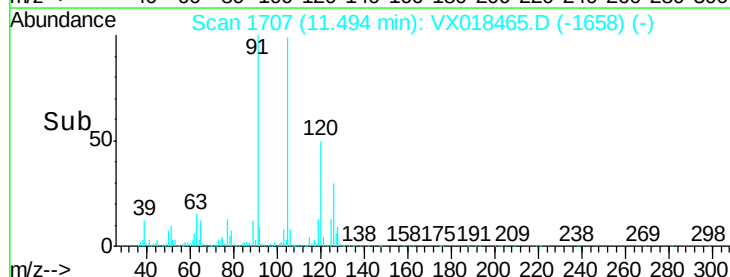
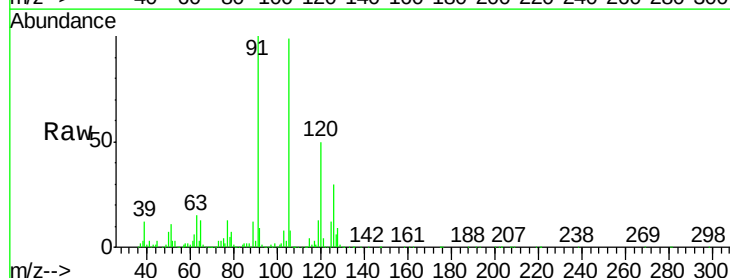
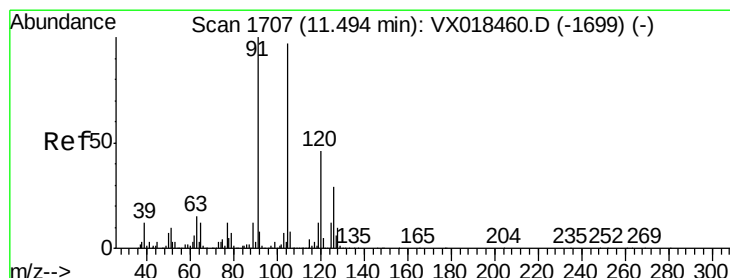
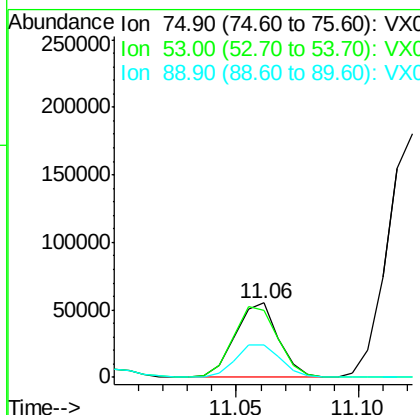
#81
trans-1,4-Dichloro-2-butene
Concen: 17.783 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.8	74.6	111.8
89	47.4	36.2	54.4

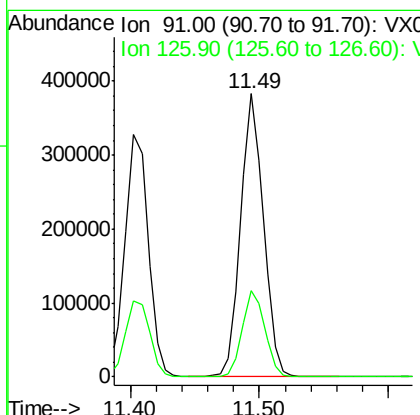
Manual Integrations
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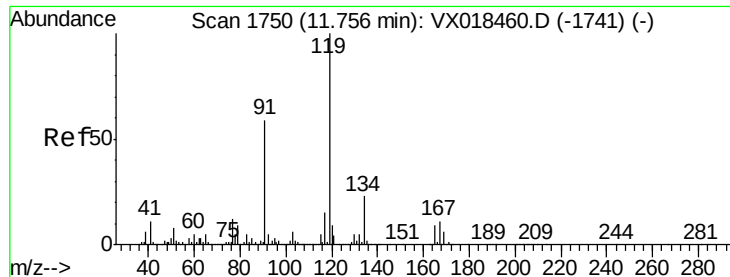
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#82
4-Chlorotoluene
Concen: 18.091 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	15.0	45.0





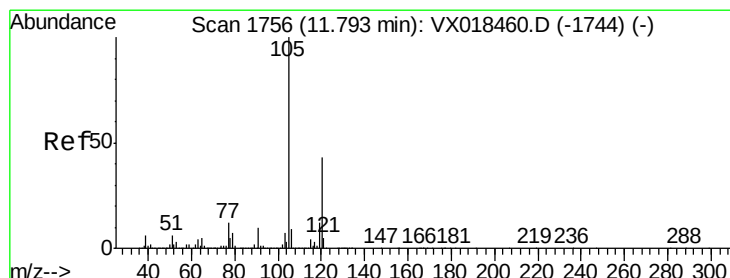
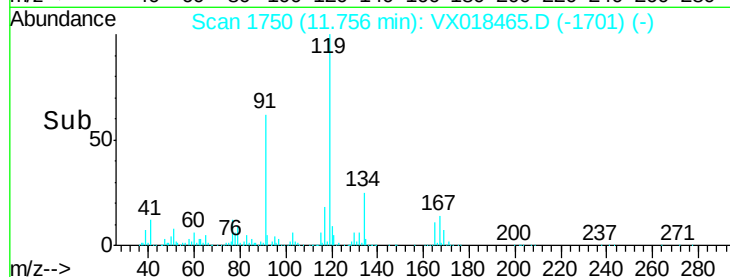
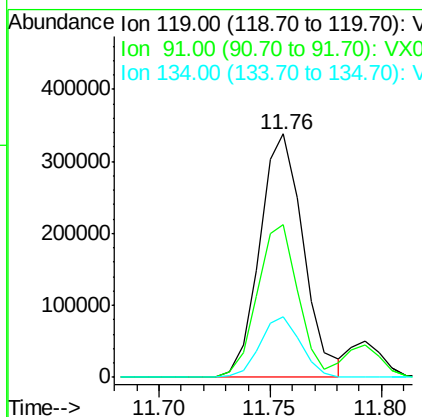
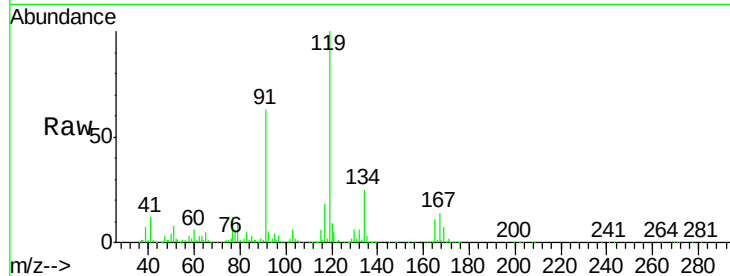
#83
 tert-Butylbenzene
 Concen: 17.984 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018465.D
 Acq: 17 Sep 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	460428		
91	58.6	28.9	86.7	
134	23.2	11.3	33.8	

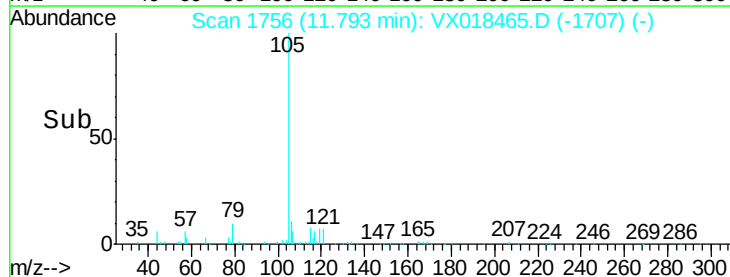
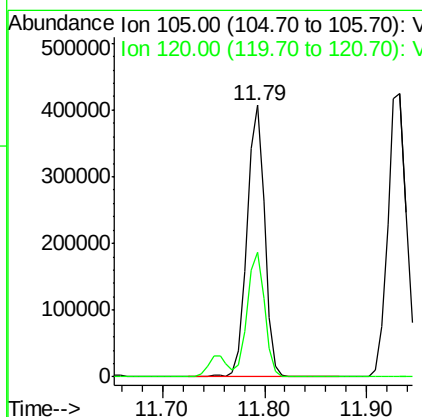
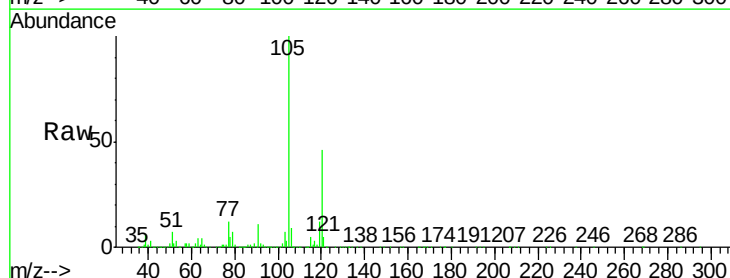
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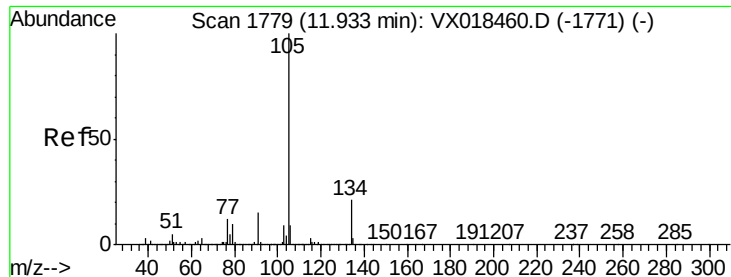
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.357 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018465.D
 Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	487481		
120	45.5	21.6	65.0	





#85

sec-Butylbenzene

Concen: 18.200 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

Tot Ion:105 Resp: 549777

Ion Ratio Lower Upper

105 100

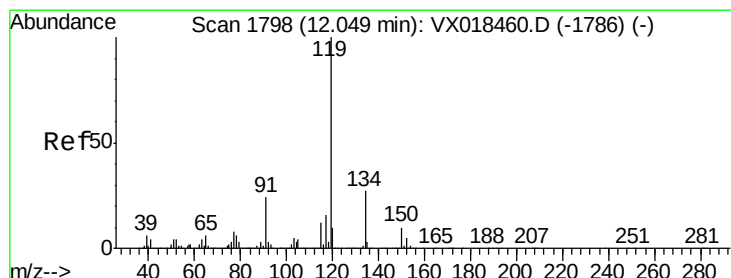
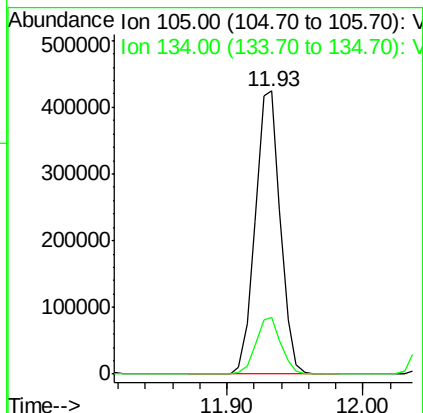
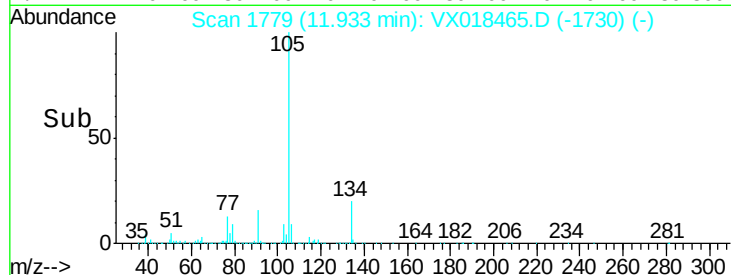
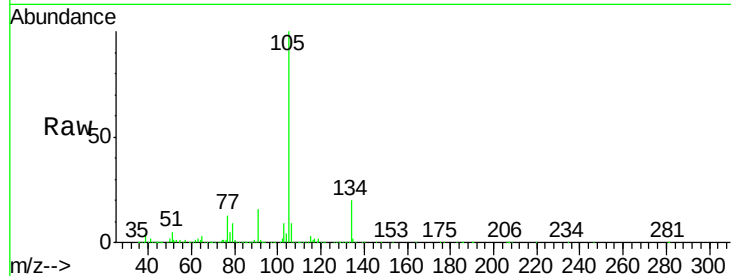
134 20.0 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 18.137 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

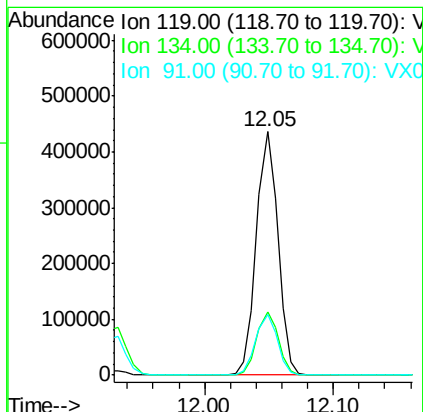
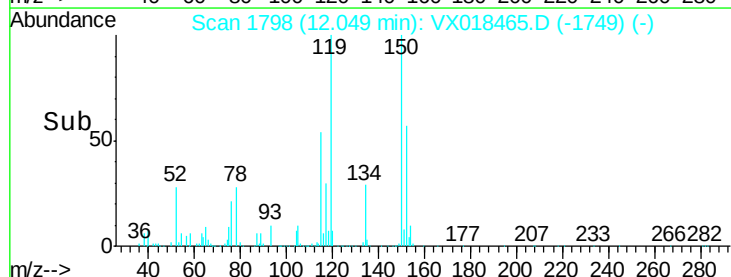
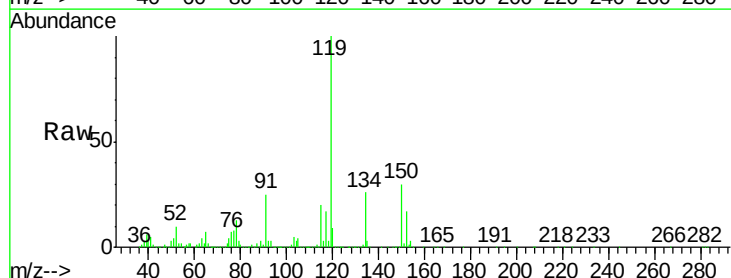
Tgt Ion:119 Resp: 503541

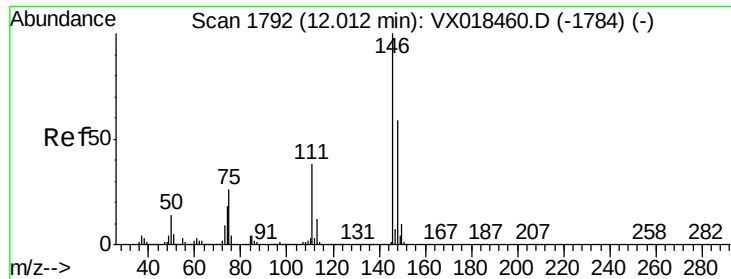
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

91 25.1 11.9 35.9





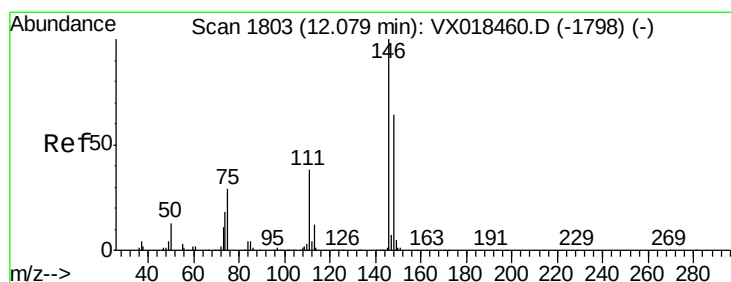
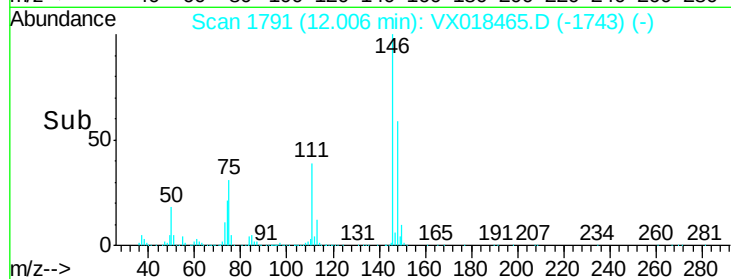
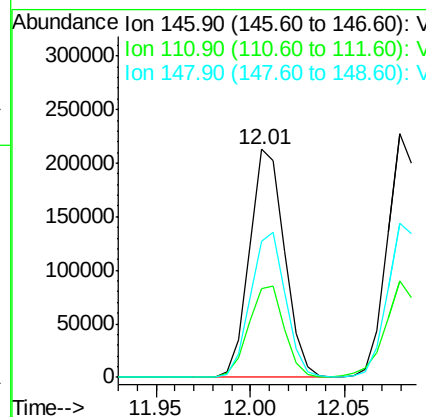
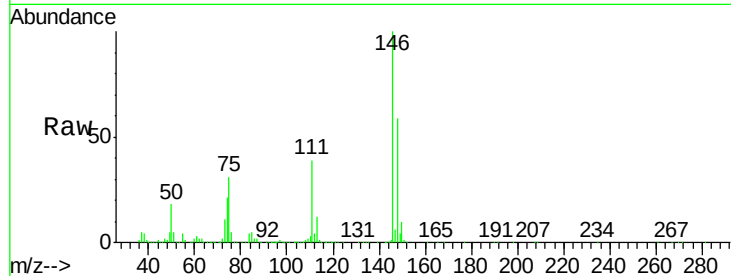
#87
 1,3-Dichlorobenzene
 Concen: 17.980 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018465.D
 Acq: 17 Sep 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.2
148	63.3	31.1	93.2

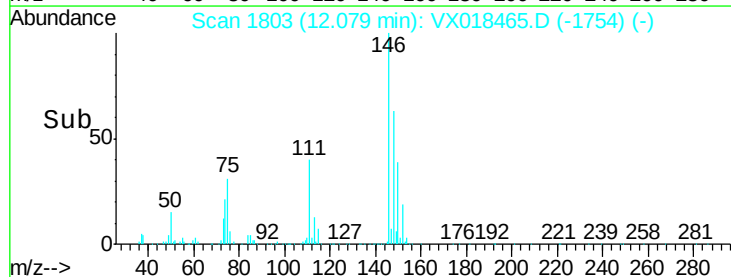
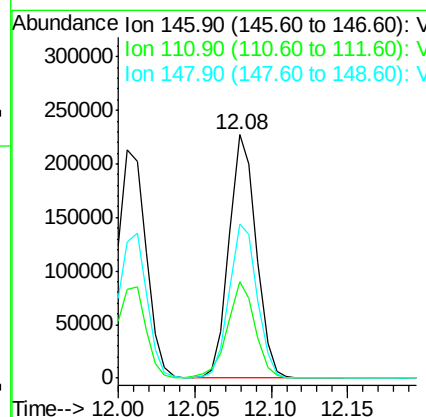
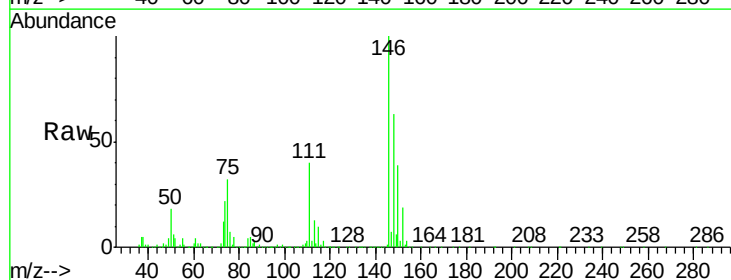
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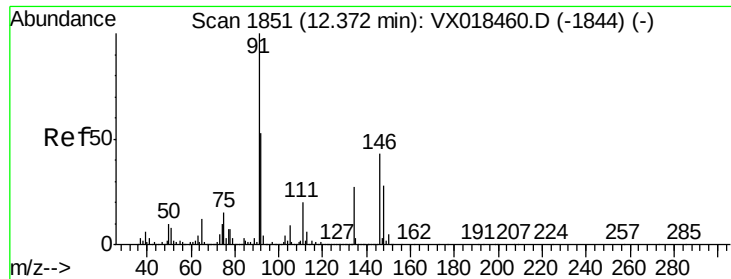
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#88
 1,4-Dichlorobenzene
 Concen: 17.957 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018465.D
 Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.4	58.4
148	64.9	31.8	95.4





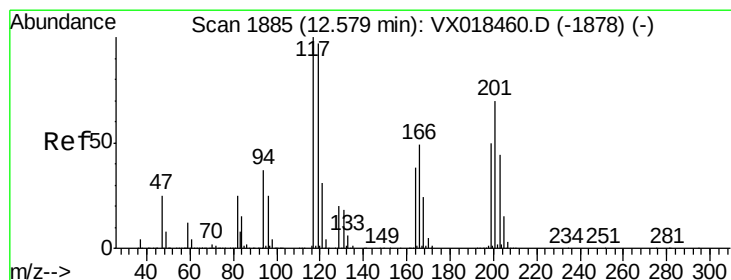
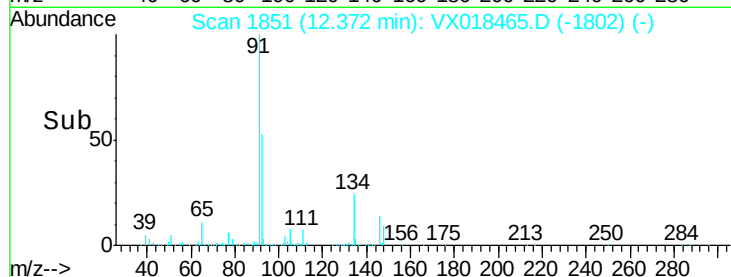
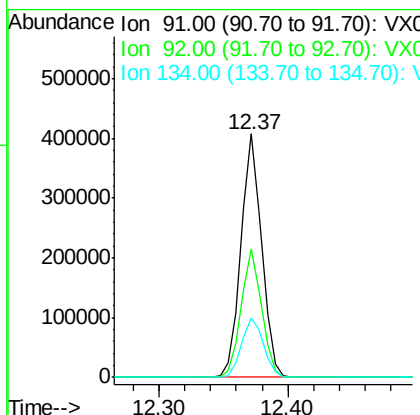
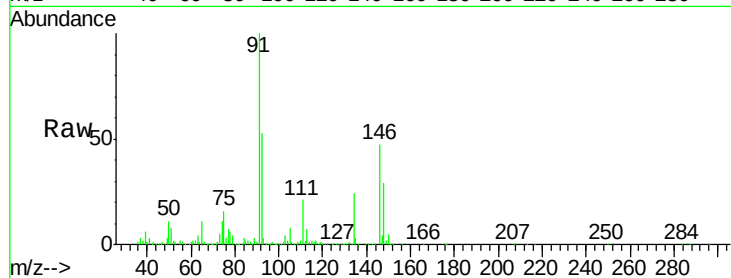
#89
n-Butylbenzene
Concen: 17.672 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.1	78.2
134	25.6	13.3	39.8

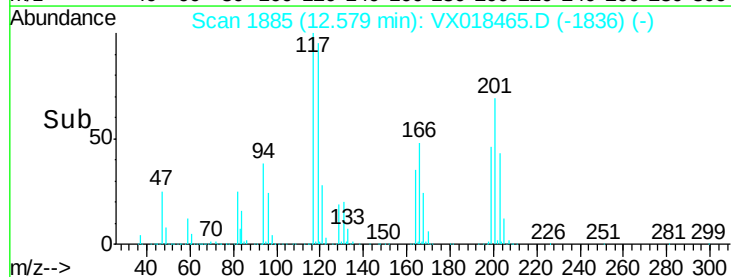
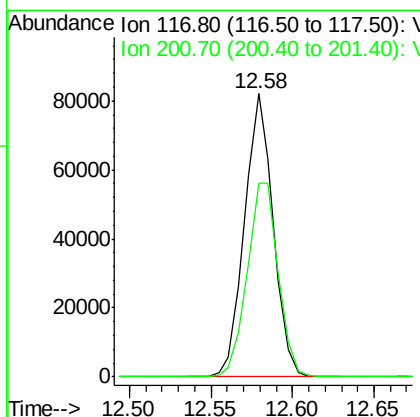
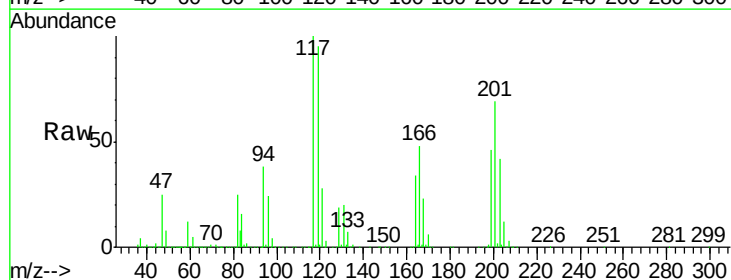
Manual Integrations
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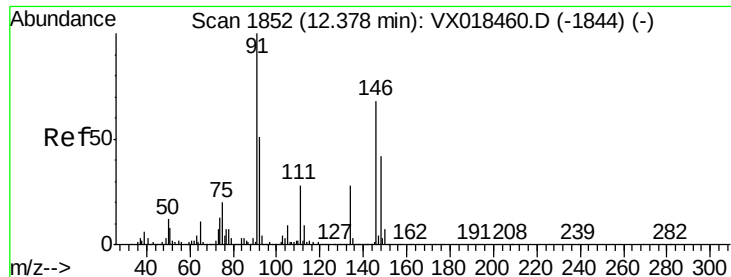
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#90
Hexachloroethane
Concen: 18.154 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.3	36.2	108.6





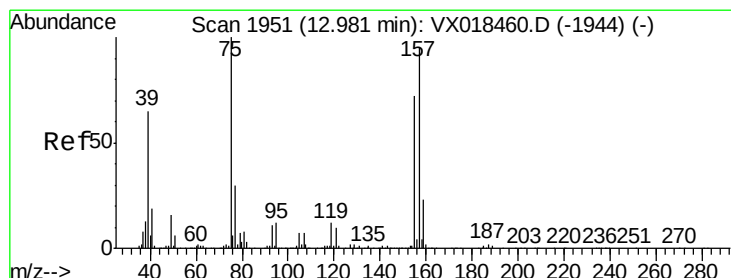
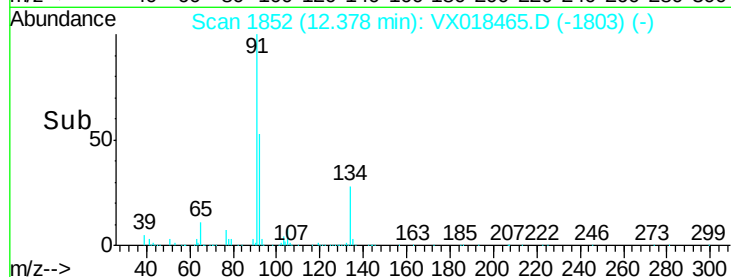
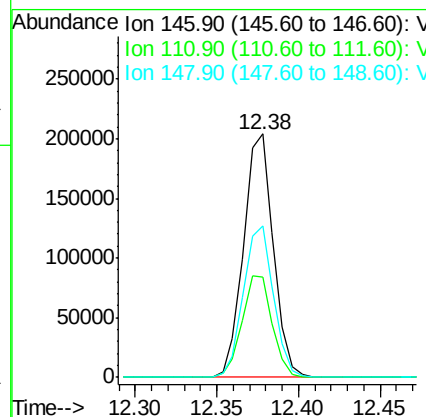
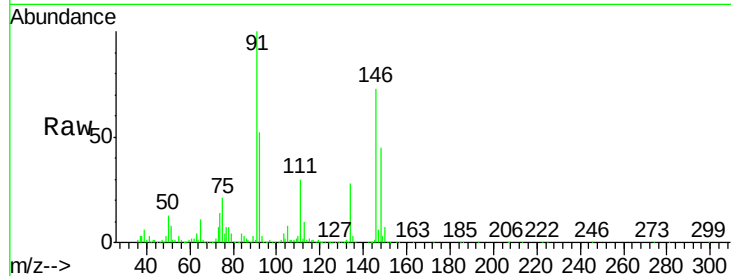
#91
 1,2-Dichlorobenzene
 Concen: 18.144 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018465.D
 Acq: 17 Sep 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.5	64.5
148	62.9	32.1	96.5

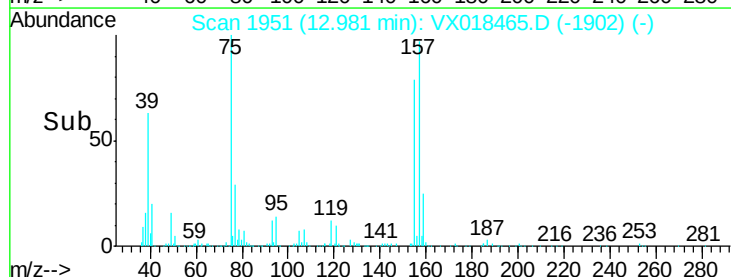
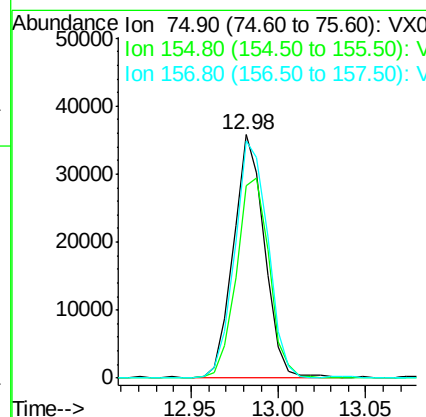
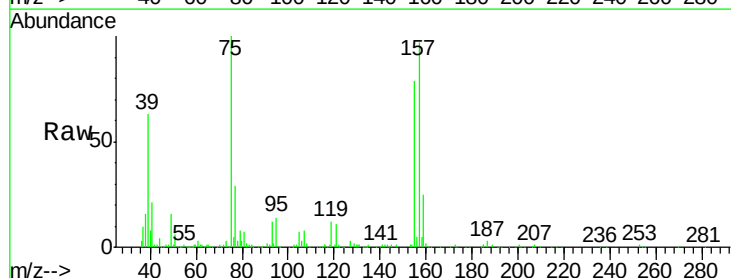
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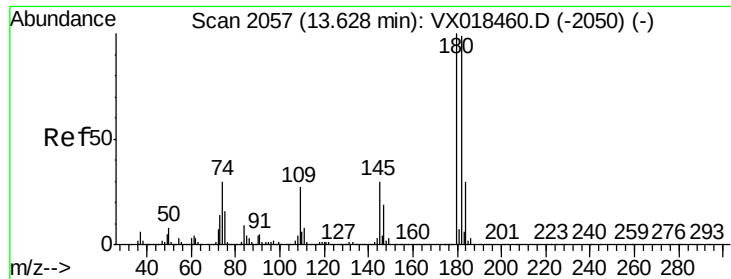
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.904 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018465.D
 Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.6	38.8	116.4
157	103.8	51.1	153.3





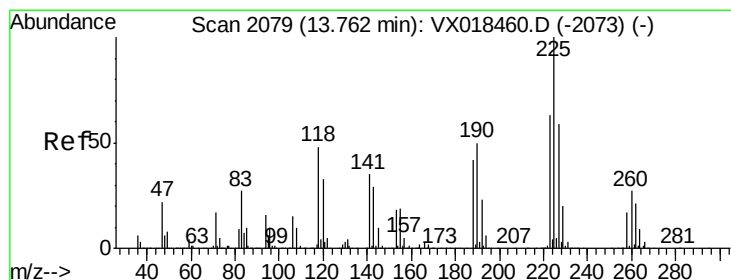
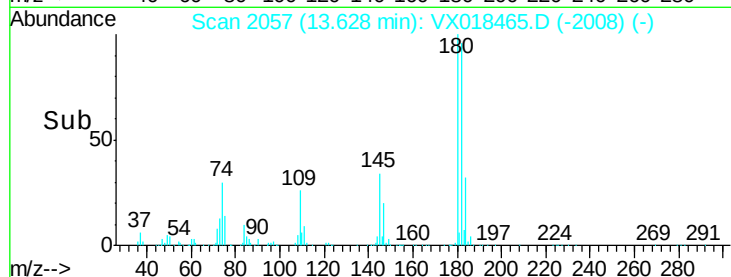
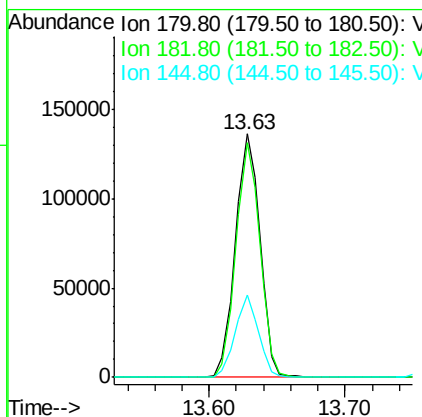
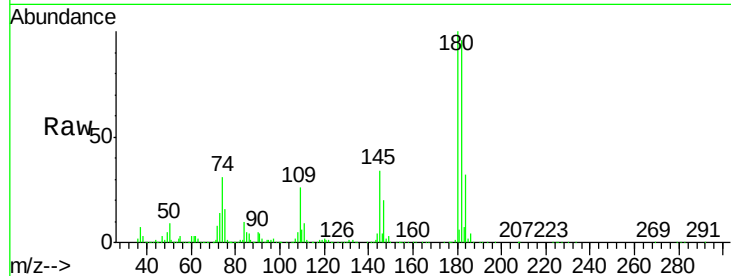
#93
1,2,4-Trichlorobenzene
Concen: 17.223 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	171617		
182	94.2	50.2	150.6	
145	31.9	15.7	47.1	

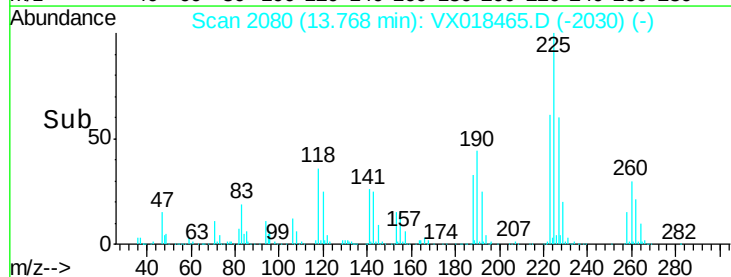
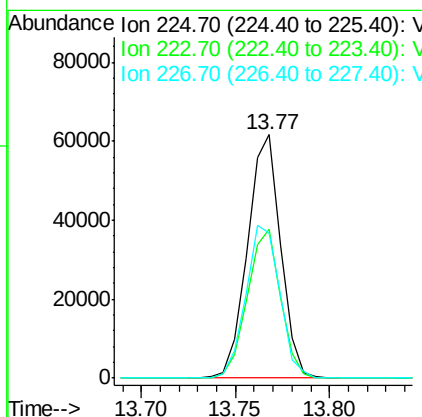
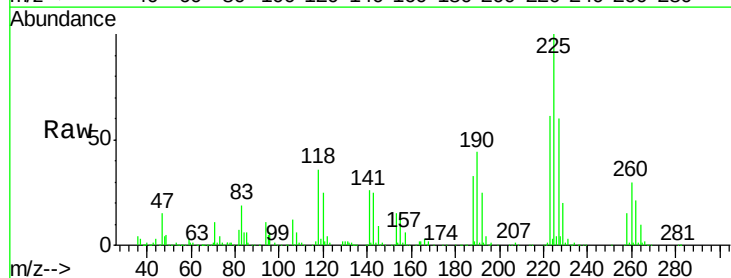
Manual Integrations
APPROVED

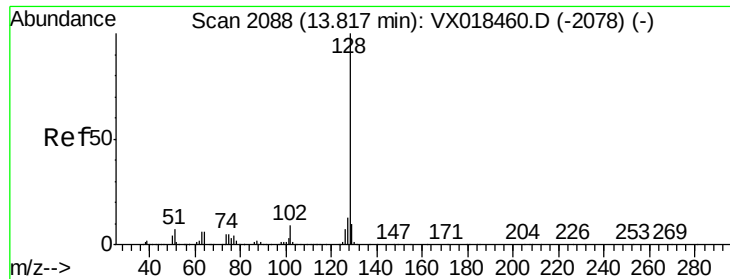
MMDadoda
9/18/2020 12:19:47 PM



#94
Hexachlorobutadiene
Concen: 17.903 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX018465.D
Acq: 17 Sep 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74858		
223	61.5	32.0	96.2	
227	64.5	31.7	95.1	





#95

Naphthalene

Concen: 19.094 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Instrument :

MSVOA_X

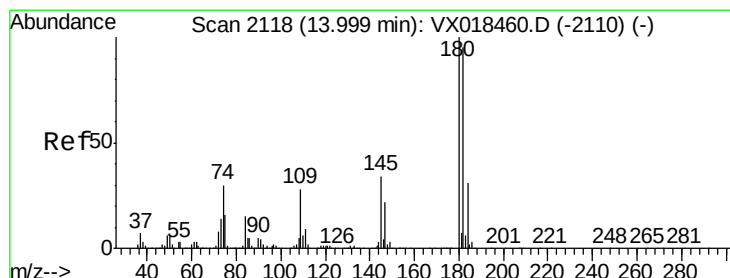
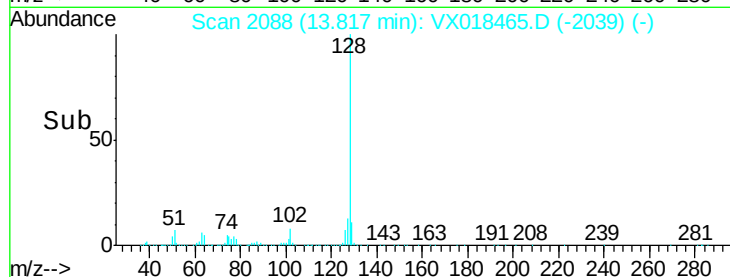
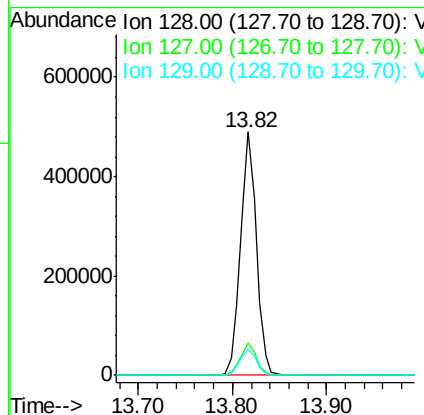
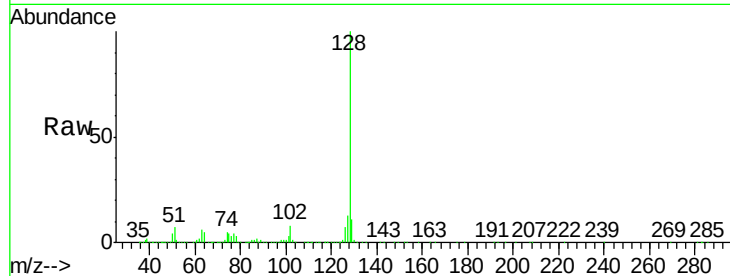
ClientSampleId :

VX0917WBS01

Tot Ion:	128	Resp:	574590
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.3	15.5
129	11.2	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/18/2020 12:19:47 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.578 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018465.D

Acq: 17 Sep 2020 14:53

Tgt Ion:	180	Resp:	167387
Ion Ratio	Lower	Upper	
180	100		
182	98.4	47.1	141.3
145	33.7	16.8	50.4

