

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019842.D
 Acq On : 10 Dec 2020 22:51
 Operator : JC/MD
 Sample : VX1210WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 5:36:33 PM

Quant Time: Dec 11 02:56:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	260217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	436991	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	398043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192983	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	166981	48.82	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.64%
35) Dibromofluoromethane	5.46	113	135971	48.14	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.28%
50) Toluene-d8	8.70	98	517160	47.96	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.92%
62) 4-Bromofluorobenzene	11.12	95	189952	46.29	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.58%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	45158	18.955	ug/l	98
3) Chloromethane	1.31	50	52126	18.604	ug/l	98
4) Vinyl Chloride	1.39	62	59590	20.171	ug/l	100
5) Bromomethane	1.62	94	34181	34.845	ug/l	99
6) Chloroethane	1.71	64	38578	21.738	ug/l	100
7) Trichlorofluoromethane	1.92	101	83643	20.330	ug/l	96
8) Diethyl Ether	2.17	74	35011	20.081	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	48772	20.681	ug/l	99
10) Methyl Iodide	2.49	142	58409	16.803	ug/l	100
11) Tert butyl alcohol	3.01	59	75525	105.911	ug/l	99
12) 1,1-Dichloroethene	2.36	96	49053	20.575	ug/l	100
13) Acrolein	2.27	56	31335	83.006	ug/l	99
14) Allyl chloride	2.70	41	78254	19.434	ug/l	99
15) Acrylonitrile	3.11	53	162450	105.071	ug/l	100
16) Acetone	2.42	43	130192	101.278	ug/l	99
17) Carbon Disulfide	2.55	76	120165	17.566	ug/l	99
18) Methyl Acetate	2.75	43	69793	22.187	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	179585	20.683	ug/l	98
20) Methylene Chloride	2.83	84	61153	19.984	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	55999	20.147	ug/l	99
22) Diisopropyl ether	3.82	45	174340	21.414	ug/l	93
23) Vinyl Acetate	3.78	43	724324	104.430	ug/l	99
24) 1,1-Dichloroethane	3.67	63	102442	20.866	ug/l	99
25) 2-Butanone	4.63	43	205860	104.217	ug/l	99
26) 2,2-Dichloropropane	4.54	77	73674	17.426	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	65220	20.050	ug/l	100
28) Bromochloromethane	4.98	49	44629	19.069	ug/l	99
29) Tetrahydrofuran	5.09	42	132907	104.432	ug/l	99
30) Chloroform	5.17	83	105224	20.845	ug/l	99
31) Cyclohexane	5.55	56	84565	19.878	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	88554	20.370	ug/l	99
36) 1,1-Dichloropropene	5.76	75	75752	19.184	ug/l	99
37) Ethyl Acetate	4.79	43	78738	19.749	ug/l	100
38) Carbon Tetrachloride	5.75	117	75238	19.457	ug/l	98

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Manual Integrations
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 12/11/2020 5:36:33 PM

Quant Time: Dec 11 02:56:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	85416	18.411	ug/l	98
40) Benzene	6.11	78	237573	19.695	ug/l	98
41) Methacrylonitrile	5.00	41	43031	19.658	ug/l	97
42) 1,2-Dichloroethane	6.16	62	82634	20.050	ug/l	100
43) Isopropyl Acetate	6.41	43	126218	19.472	ug/l	99
44) Trichloroethene	7.18	130	59665	18.852	ug/l	100
45) 1,2-Dichloropropane	7.49	63	61233	20.311	ug/l	99
46) Dibromomethane	7.63	93	40652	19.968	ug/l	99
47) Bromodichloromethane	7.87	83	78473	19.425	ug/l	99
48) Methyl methacrylate	7.74	41	62645	19.651	ug/l	97
49) 1,4-Dioxane	7.71	88	29819	386.125	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	405009	102.340	ug/l	100
52) Toluene	8.76	92	148154	19.638	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	83194	18.558	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	91079	18.701	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	61606	20.263	ug/l	99
56) Ethyl methacrylate	9.16	69	88468	19.233	ug/l	99
57) 1,3-Dichloropropane	9.35	76	103643	19.965	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	241199	98.982	ug/l	100
59) 2-Hexanone	9.47	43	305078	99.453	ug/l	99
60) Dibromochloromethane	9.56	129	59577	19.288	ug/l	98
61) 1,2-Dibromoethane	9.65	107	63590	19.697	ug/l	99
64) Tetrachloroethene	9.32	164	53853	20.175	ug/l	97
65) Chlorobenzene	10.12	112	154757	19.515	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	57266	20.063	ug/l	99
67) Ethyl Benzene	10.23	91	276418	19.637	ug/l	99
68) m/p-Xylenes	10.34	106	207969	39.209	ug/l	100
69) o-Xylene	10.68	106	100079	19.614	ug/l	99
70) Styrene	10.70	104	170075	19.748	ug/l	99
71) Bromoform	10.84	173	43094	19.192	ug/l #	100
73) Isopropylbenzene	11.00	105	269331	20.428	ug/l	99
74) N-amyl acetate	10.88	43	102190	19.341	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	95954	20.643	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	87986m	20.328	ug/l	
77) Bromobenzene	11.24	156	67641	20.047	ug/l	99
78) n-propylbenzene	11.34	91	304859	20.245	ug/l	99
79) 2-Chlorotoluene	11.40	91	186283	20.088	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	227134	20.412	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	26773	17.881	ug/l	94
82) 4-Chlorotoluene	11.49	91	216083	19.896	ug/l	99
83) tert-Butylbenzene	11.76	119	217159	19.899	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	226045	20.167	ug/l	100
85) sec-Butylbenzene	11.93	105	254351	20.414	ug/l	99
86) p-Isopropyltoluene	12.05	119	229412	20.090	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	120814	19.509	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	120277	19.069	ug/l	98
89) n-Butylbenzene	12.37	91	191719	18.950	ug/l	99
90) Hexachloroethane	12.58	117	37717	19.132	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	120741	20.001	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20413	20.428	ug/l	93

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ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX1210WBSD02

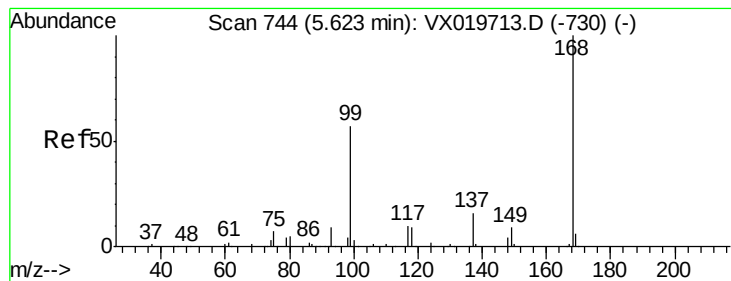
Manual Integrations
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12/11/2020 5:36:33 PM

Quant Time: Dec 11 02:56:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	75723	19.270	ug/l	99
94) Hexachlorobutadiene	13.76	225	33664	19.167	ug/l	99
95) Naphthalene	13.82	128	255281	20.038	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	78954	20.559	ug/l	98

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



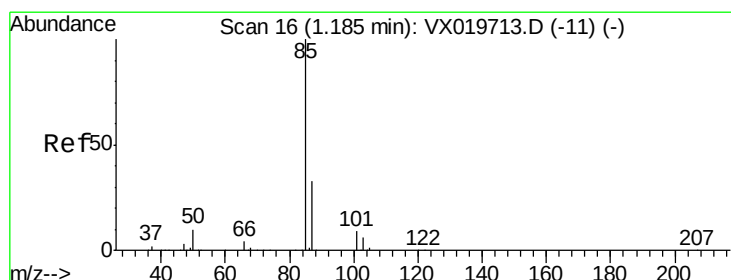
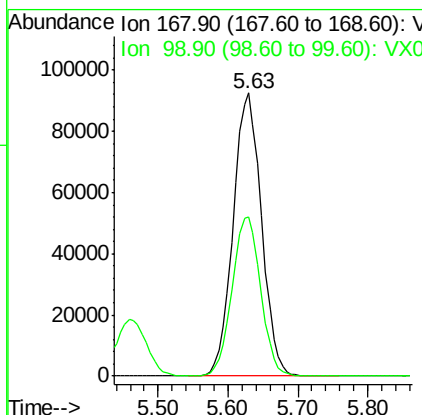
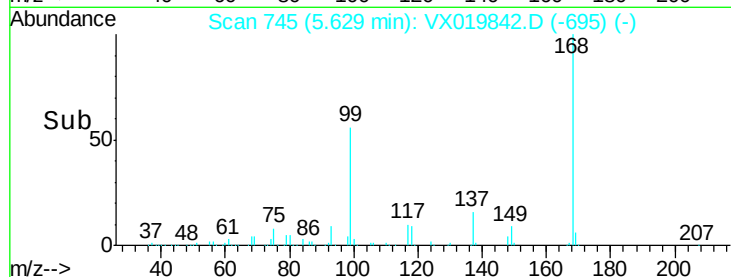
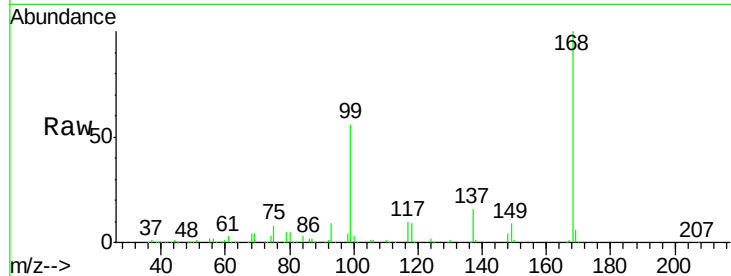
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion:168 Resp: 260217
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6

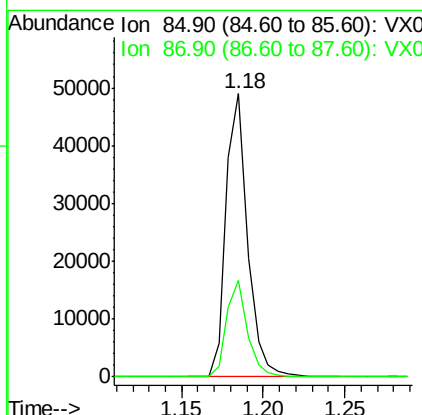
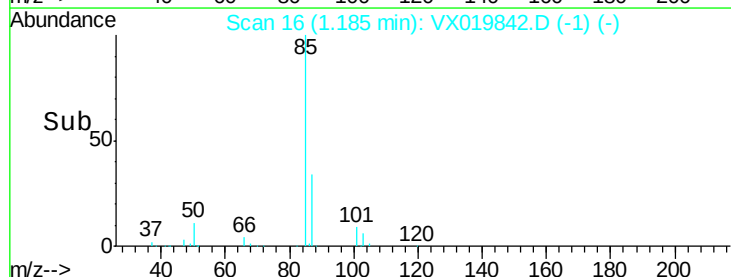
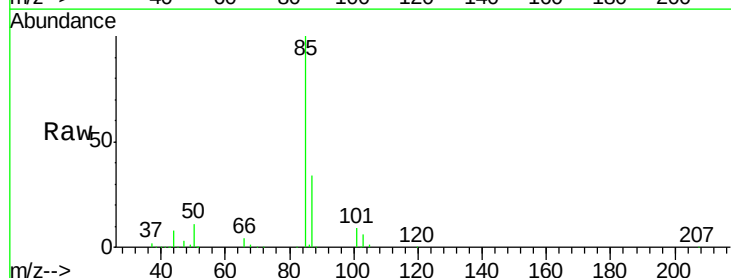
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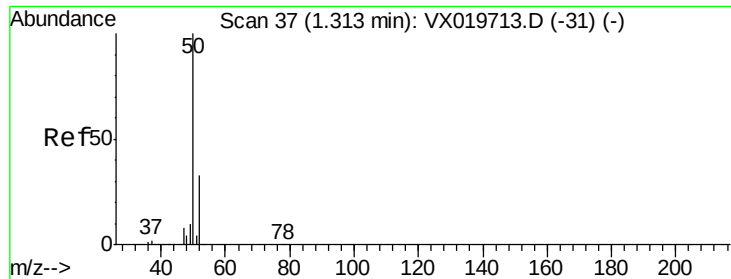
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#2
Dichlorodifluoromethane
Concen: 18.955 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion: 85 Resp: 45158
Ion Ratio Lower Upper
85 100
87 34.1 16.4 49.2





#3

Chloromethane

Concen: 18.604 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion: 50 Resp: 52126

Ion Ratio Lower Upper

50 100

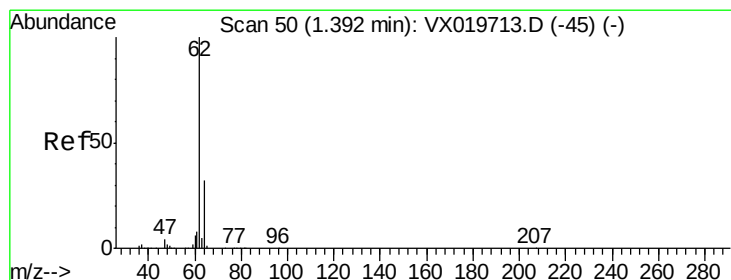
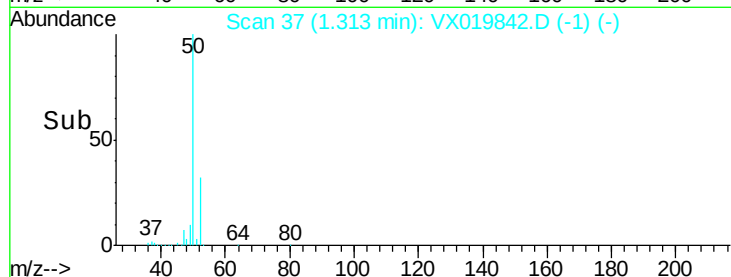
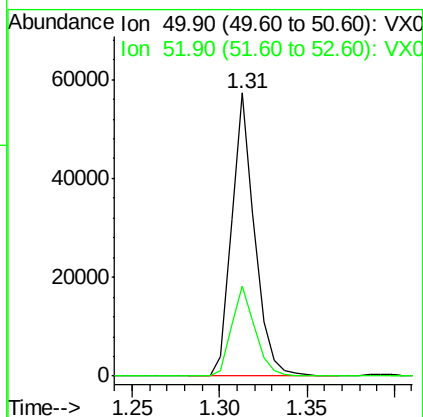
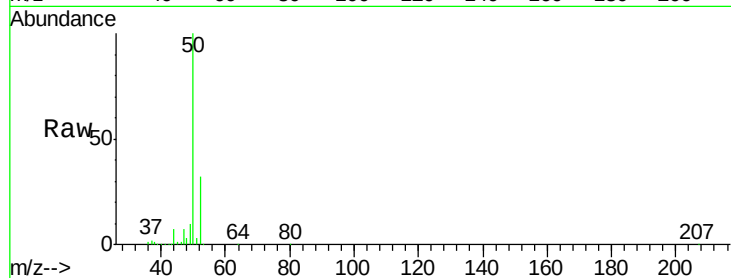
52 32.0 26.4 39.6

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#4

Vinyl Chloride

Concen: 20.171 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019842.D

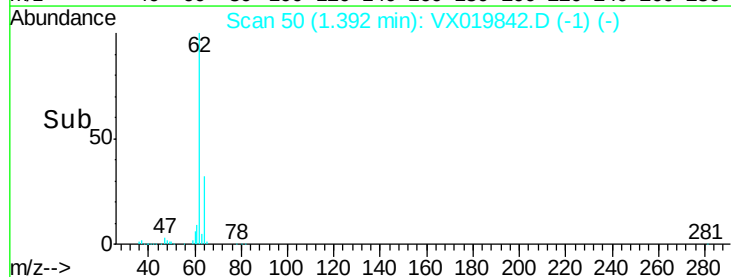
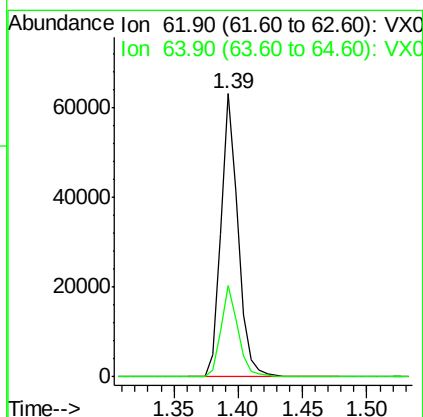
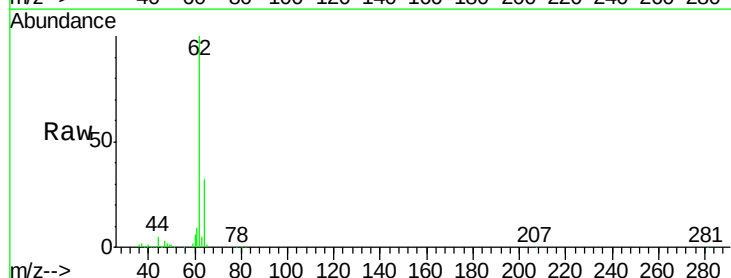
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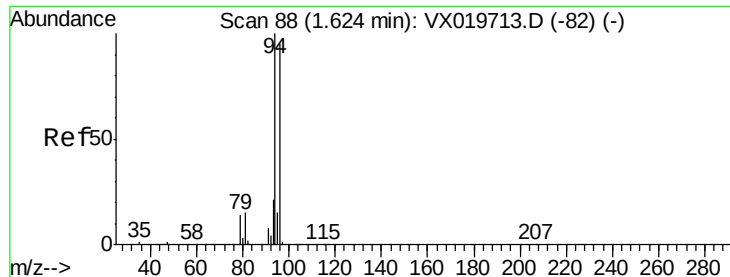
Tgt Ion: 62 Resp: 59590

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5





#5

Bromomethane

Concen: 34.845 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion: 94 Resp: 34181

Ion Ratio Lower Upper

94 100

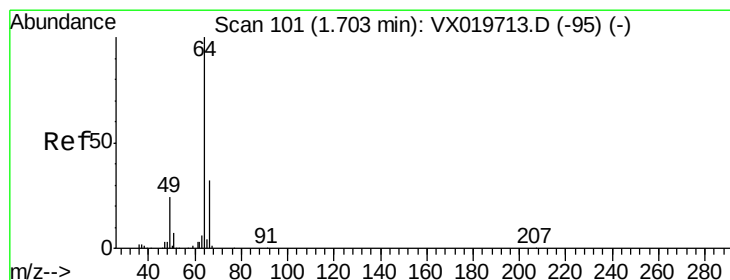
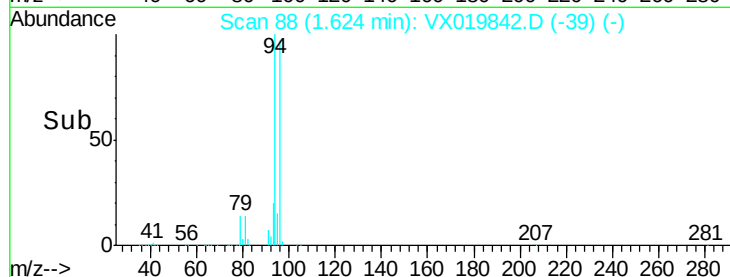
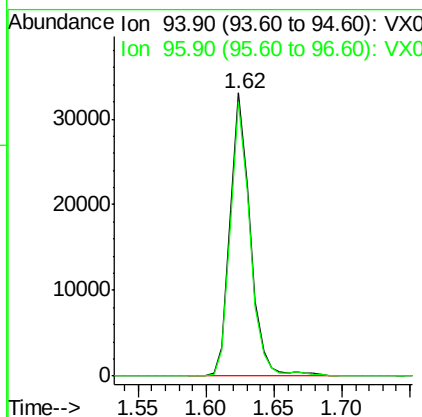
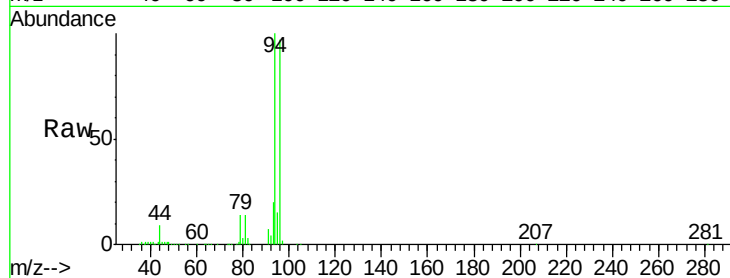
96 96.8 76.4 114.6

Manual Integrations

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#6

Chloroethane

Concen: 21.738 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019842.D

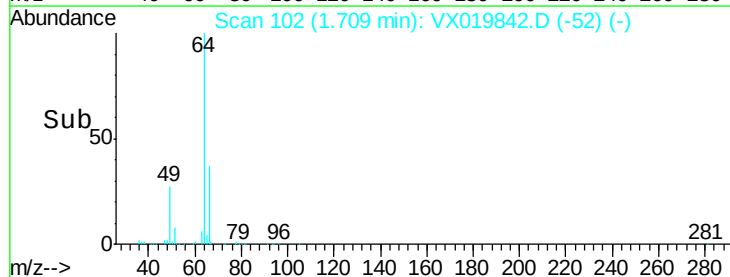
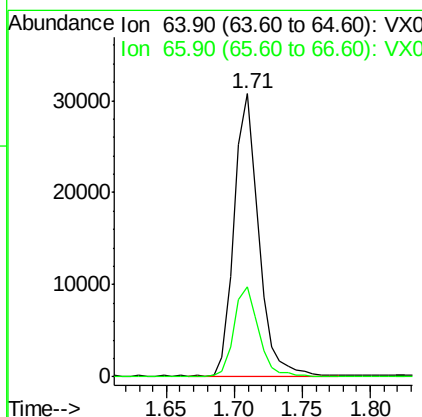
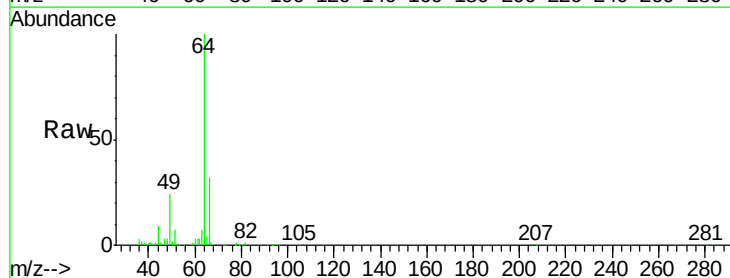
Acq: 10 Dec 2020 22:51

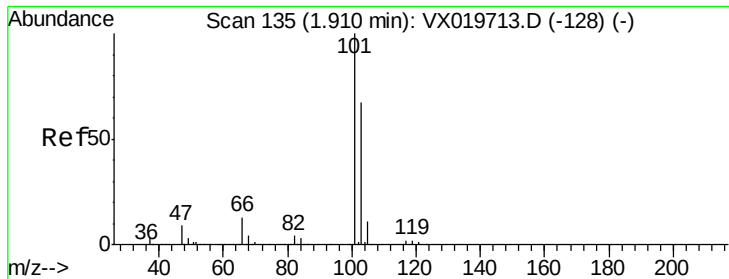
Tgt Ion: 64 Resp: 38578

Ion Ratio Lower Upper

64 100

66 31.7 25.4 38.0





#7

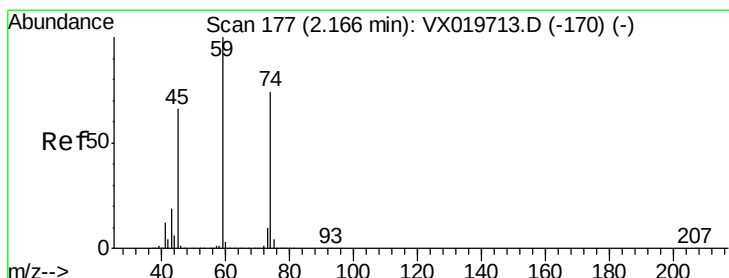
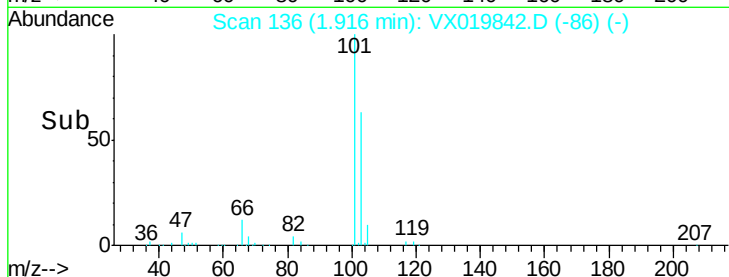
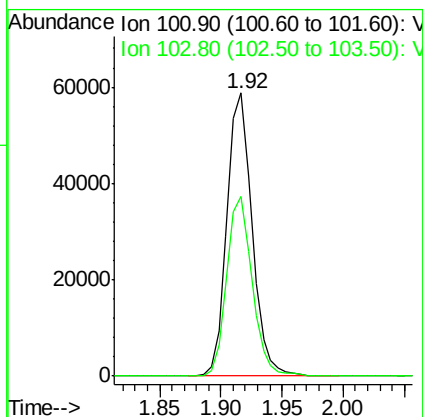
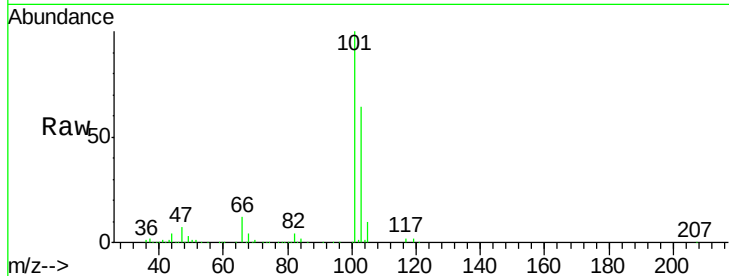
Trichlorofluoromethane
 Concen: 20.330 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX019842.D
 Acq: 10 Dec 2020 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	53.2	79.8

Manual Integrations
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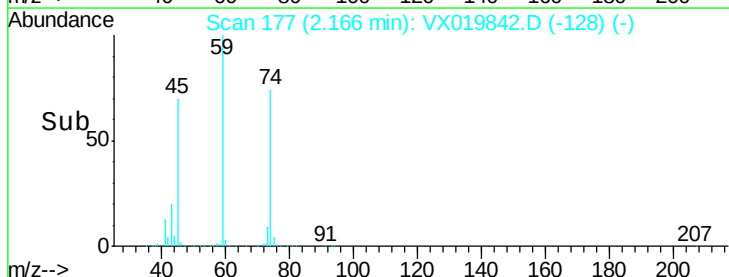
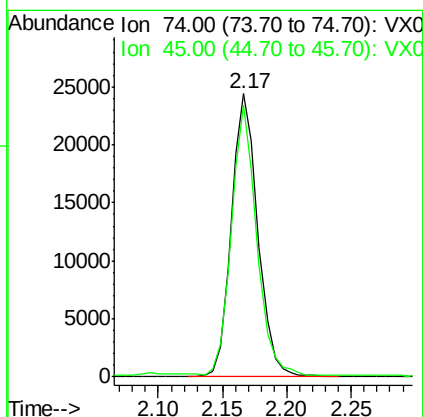
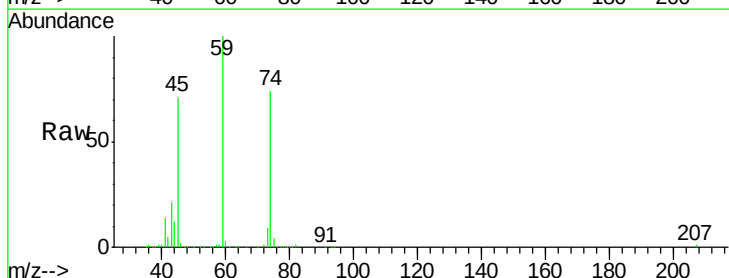
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 12/11/2020 5:36:33 PM

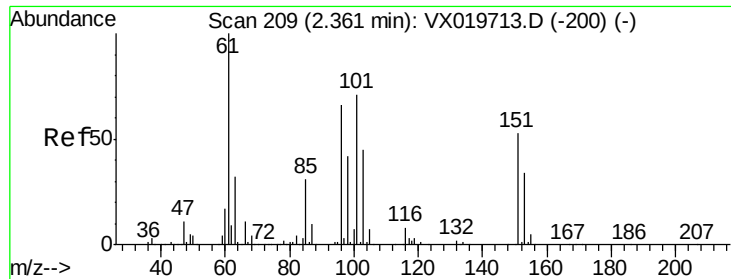


#8

Diethyl Ether
 Concen: 20.081 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019842.D
 Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.1	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.681 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

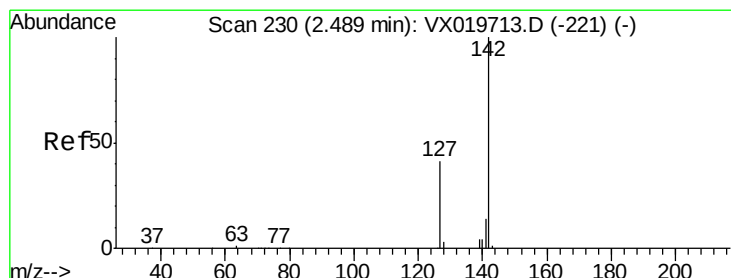
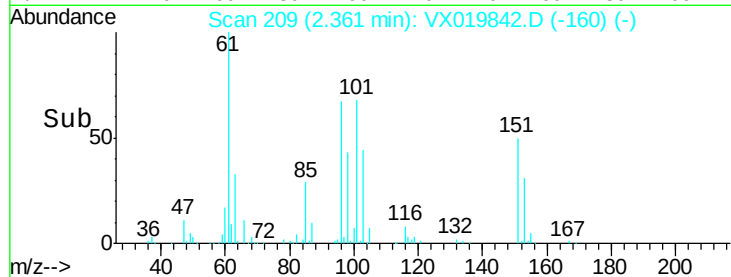
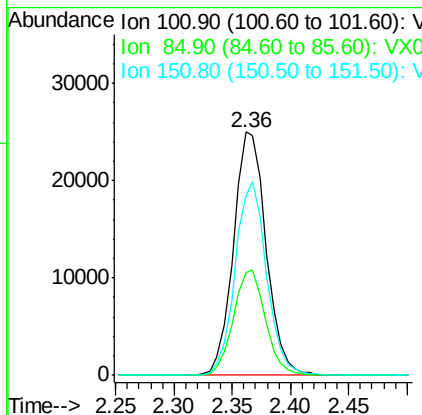
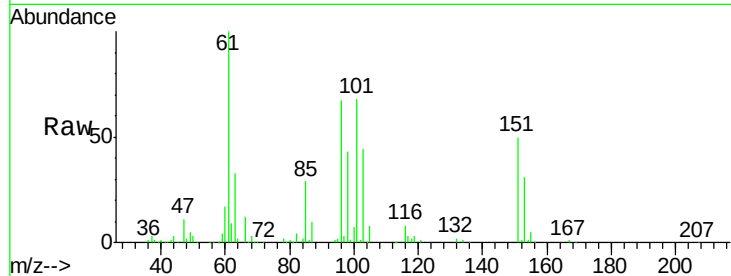
Instrument :
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ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.7	34.9	52.3
151	77.1	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 16.803 ug/l

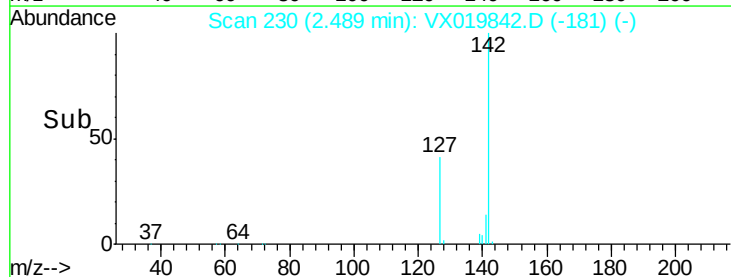
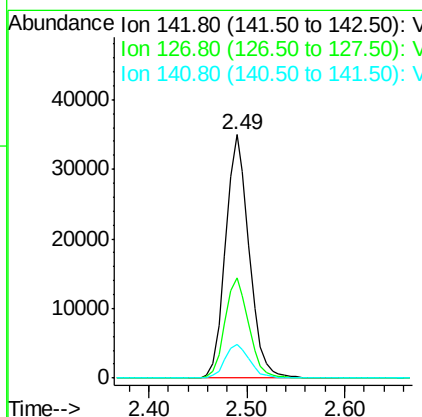
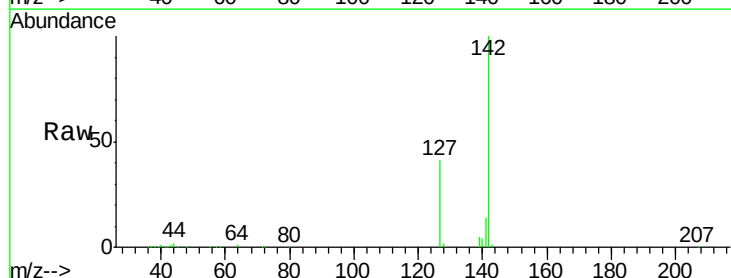
RT: 2.49 min Scan# 230

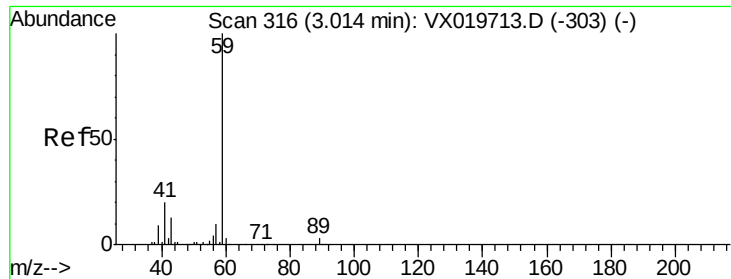
Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.6	33.3	49.9
141	14.1	11.4	17.0





#11

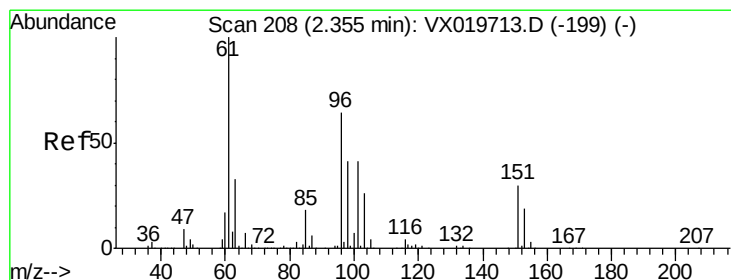
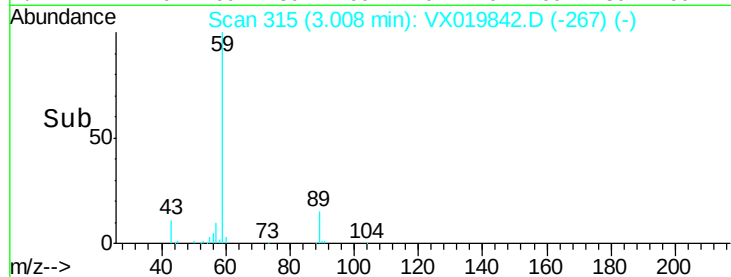
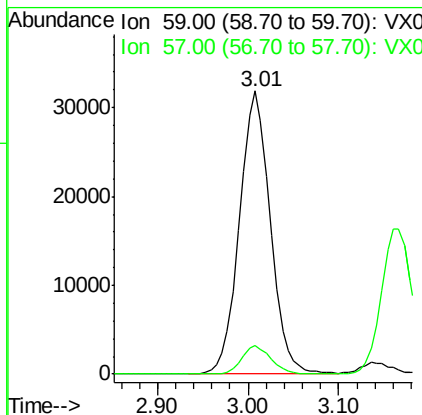
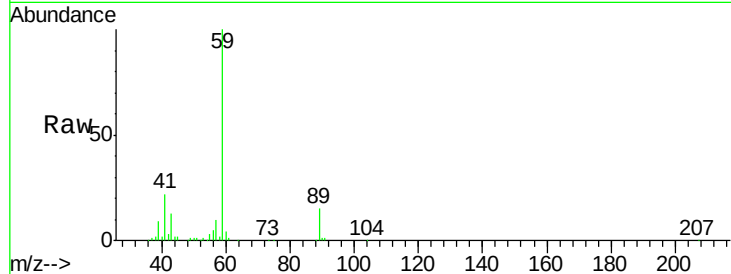
Tert butyl alcohol
Concen: 105.911 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	7.8	11.8

Manual Integrations
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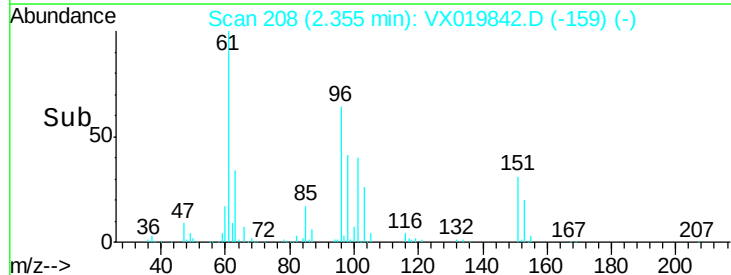
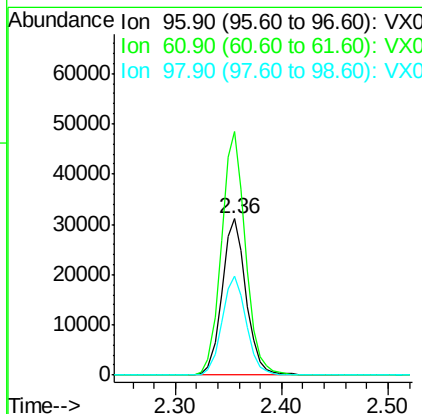
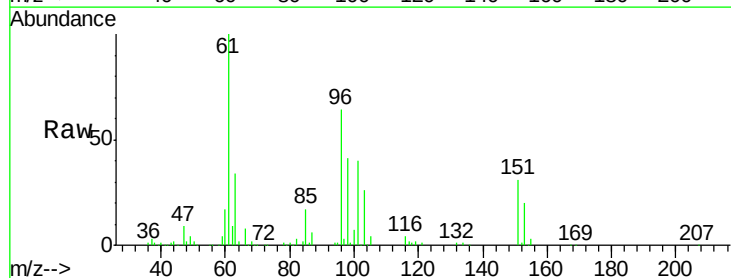
MMDadoda
12/11/2020 5:36:33 PM

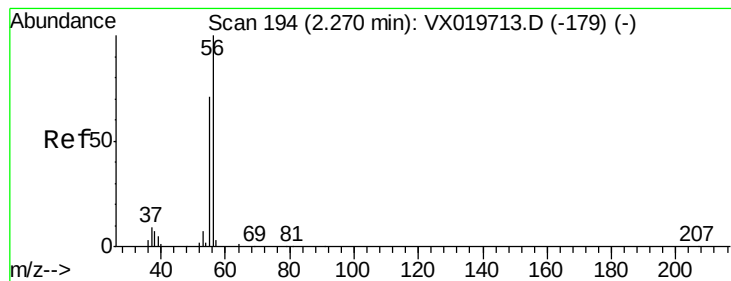


#12

1,1-Dichloroethene
Concen: 20.575 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.0	124.6	187.0
98	63.7	50.6	76.0





#13

Acrolein

Concen: 83.006 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion: 56 Resp: 31335

Ion Ratio Lower Upper

56 100

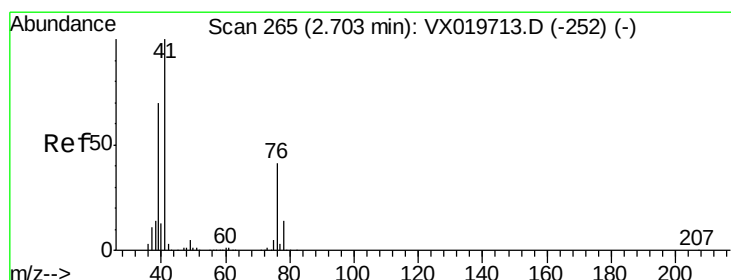
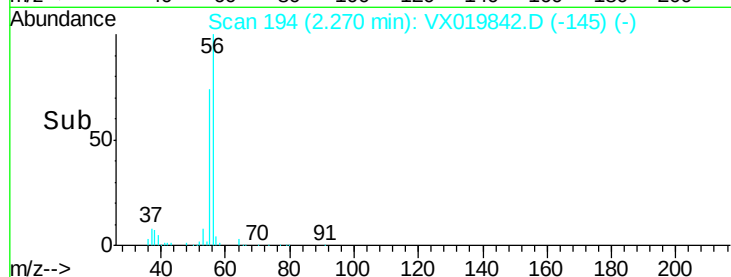
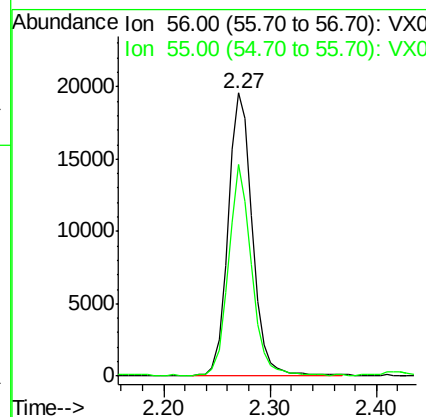
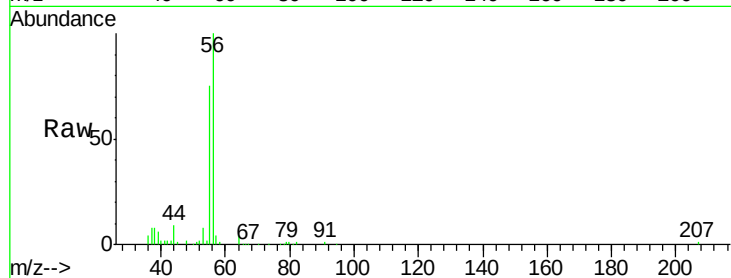
55 69.4 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 19.434 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

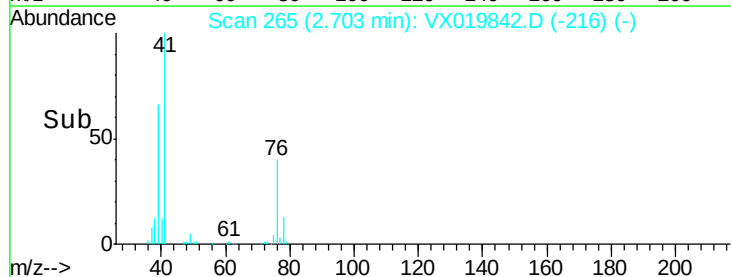
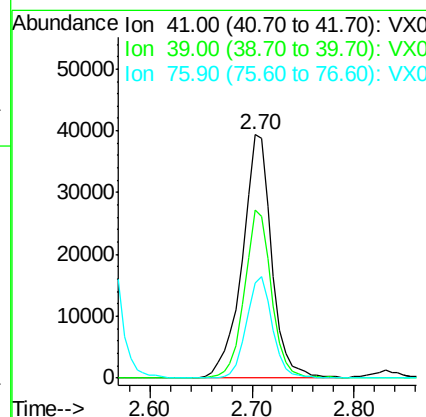
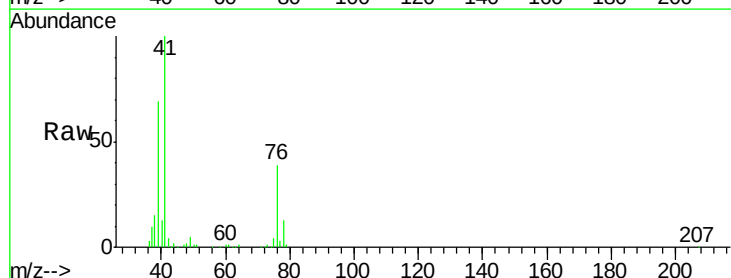
Tgt Ion: 41 Resp: 78254

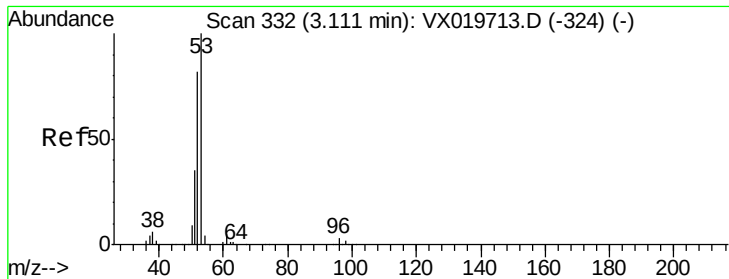
Ion Ratio Lower Upper

41 100

39 64.1 51.6 77.4

76 37.0 30.5 45.7





#15

Acrylonitrile

Concen: 105.071 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Instrument :

MSVOA_X

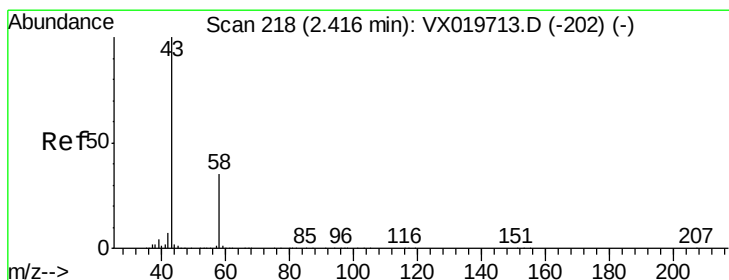
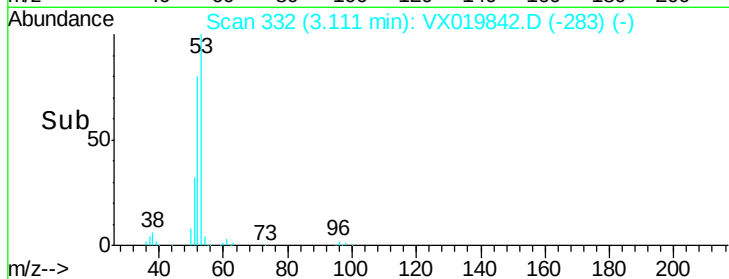
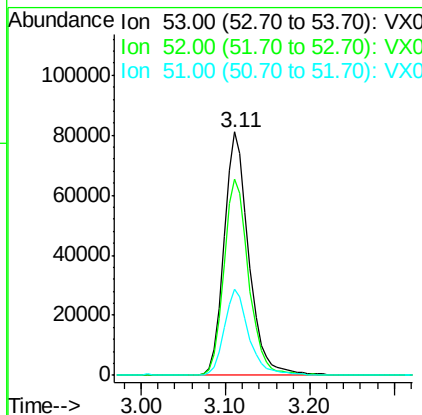
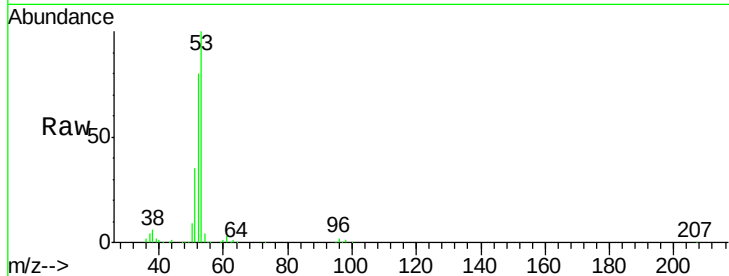
ClientSampleId :

VX1210WBSD02

Tot Ion:	53	Resp:	162450
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.3	97.9
51	35.5	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 101.278 ug/l

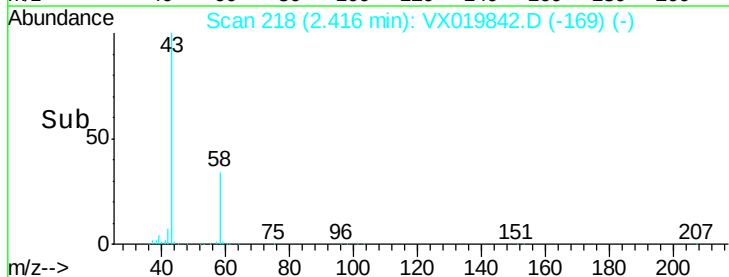
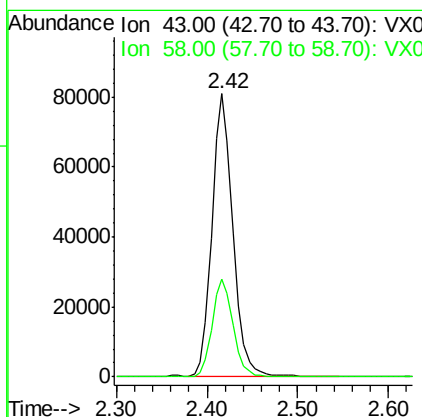
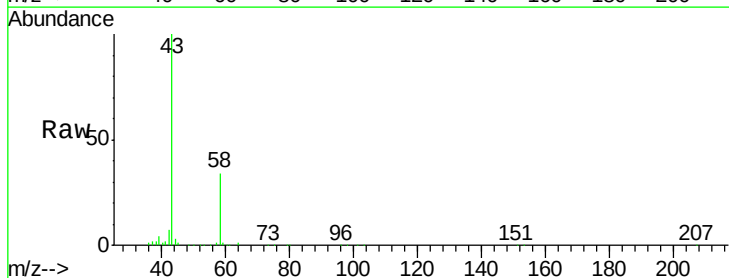
RT: 2.42 min Scan# 218

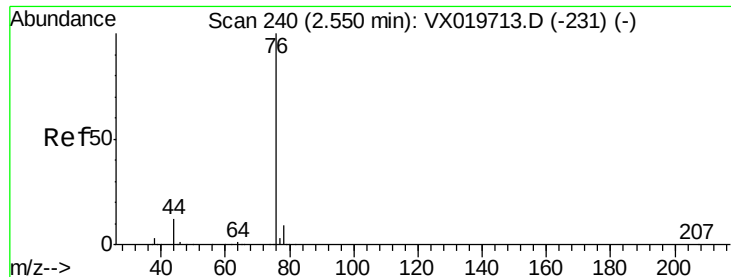
Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Tgt Ion:	43	Resp:	130192
Ion	Ratio	Lower	Upper
43	100		
58	34.4	27.8	41.8





#17

Carbon Disulfide

Concen: 17.566 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion: 76 Resp: 120165

Ion Ratio Lower Upper

76 100

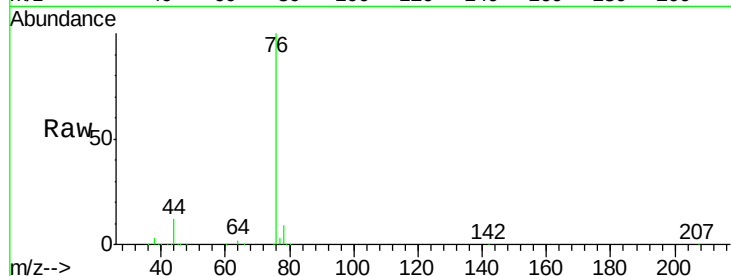
78 9.5 7.2 10.8

Manual Integrations

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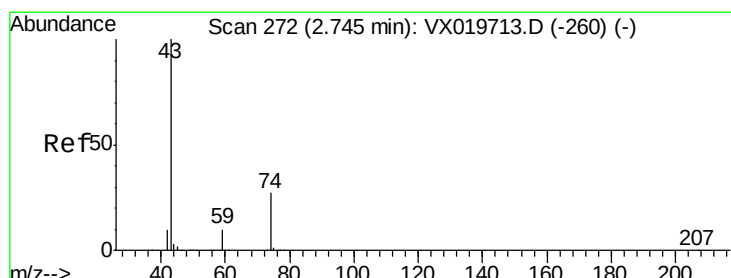
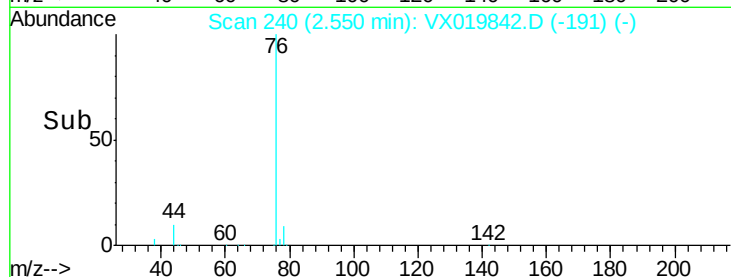
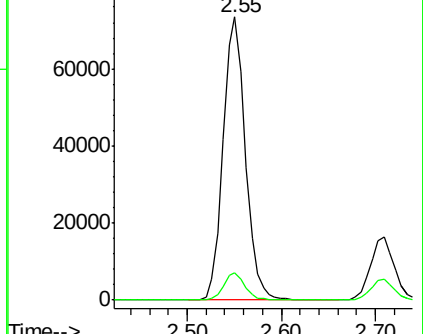
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.187 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019842.D

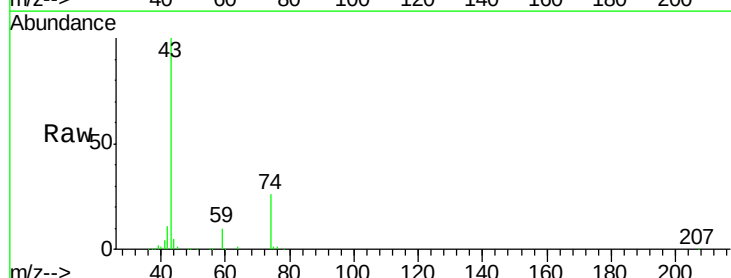
Acq: 10 Dec 2020 22:51

Tgt Ion: 43 Resp: 69793

Ion Ratio Lower Upper

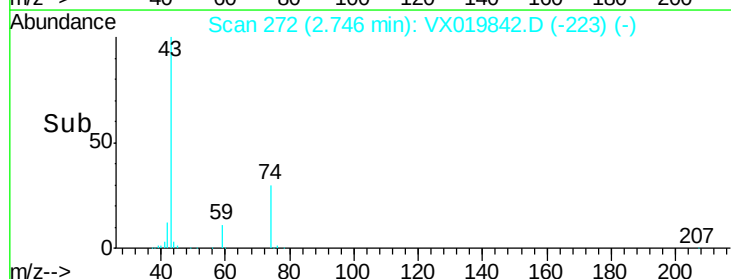
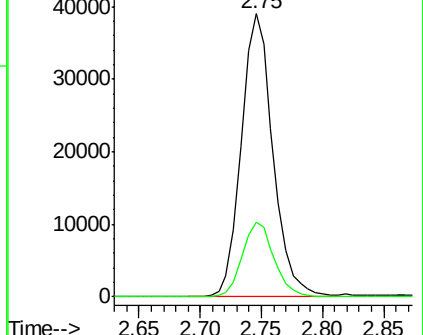
43 100

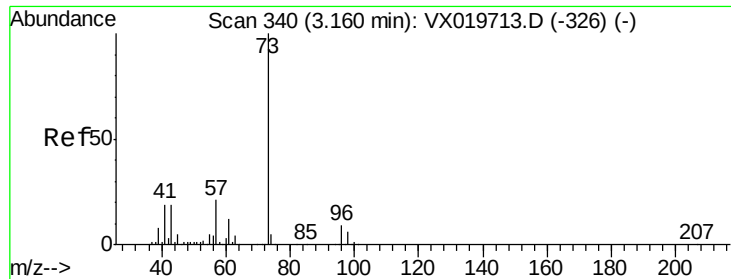
74 26.9 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





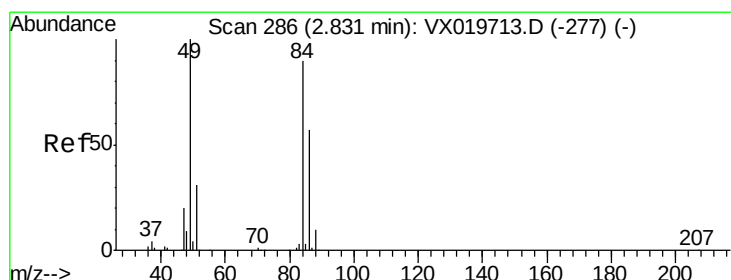
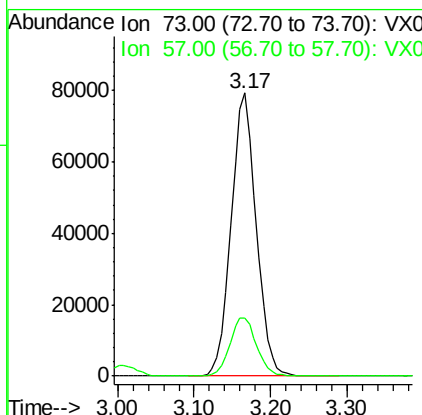
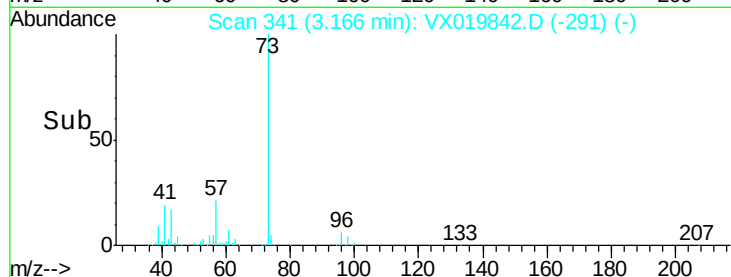
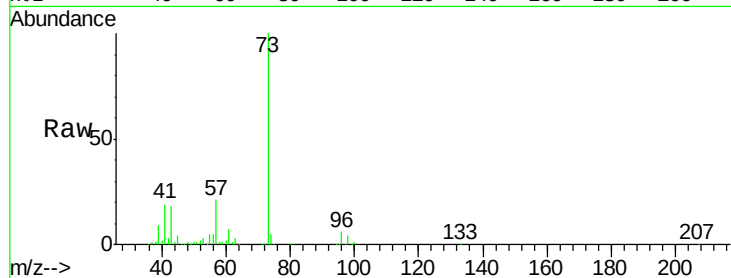
#19
Methyl tert-butyl Ether
Concen: 20.683 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.6	17.1	25.7

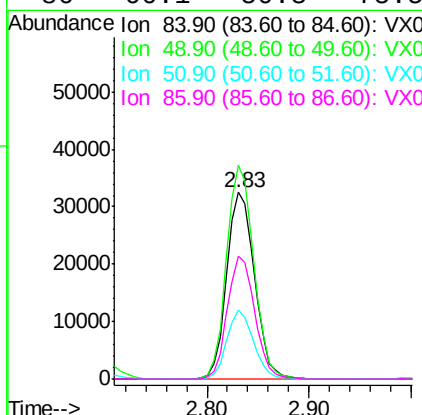
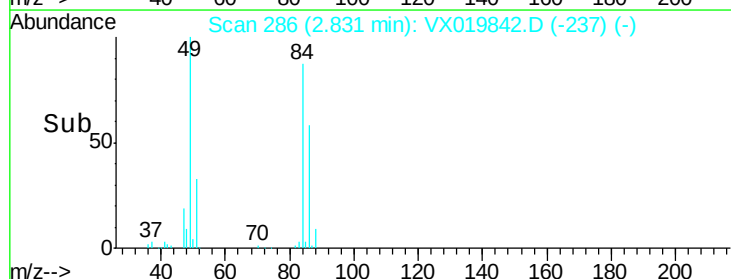
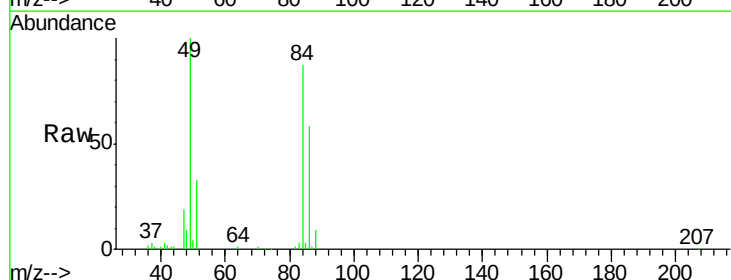
Manual Integrations
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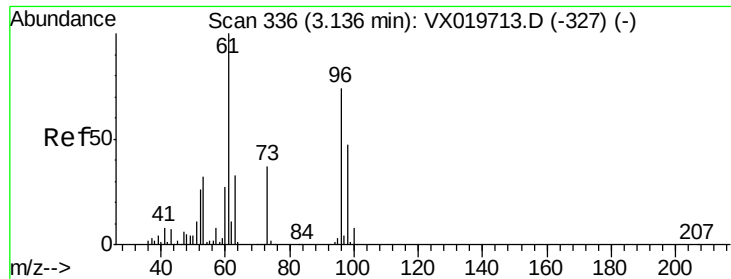
MMDadoda
12/11/2020 5:36:33 PM



#20
Methylene Chloride
Concen: 19.984 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.4	88.6	132.8
51	37.3	27.0	40.6
86	66.1	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 20.147 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Instrument :

MSVOA_X

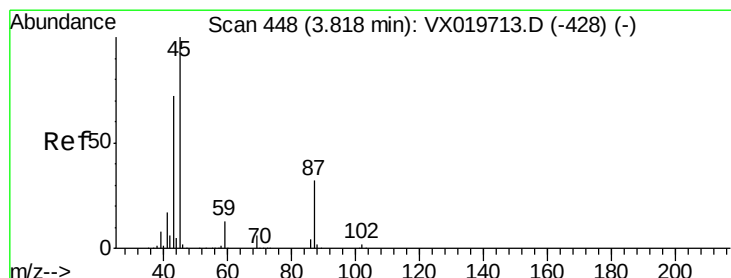
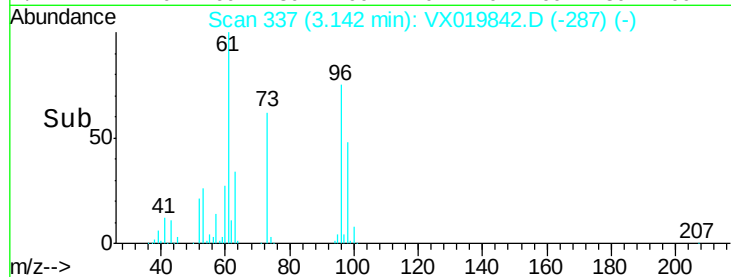
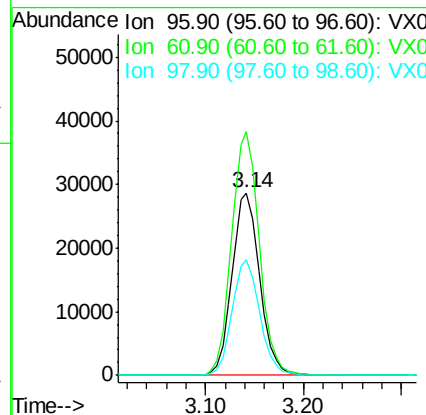
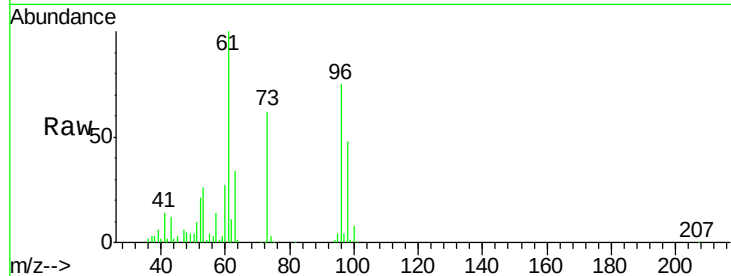
ClientSampleId :

VX1210WBSD02

Tot Ion:	96	Resp:	55999
Ion	Ratio	Lower	Upper
96	100		
61	133.3	107.7	161.5
98	63.5	50.4	75.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.414 ug/l

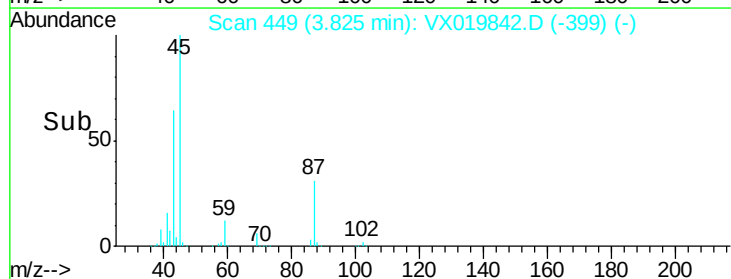
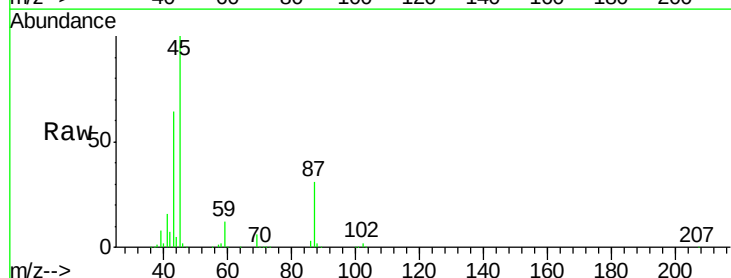
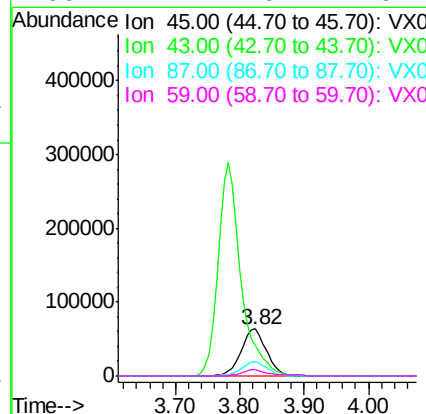
RT: 3.82 min Scan# 449

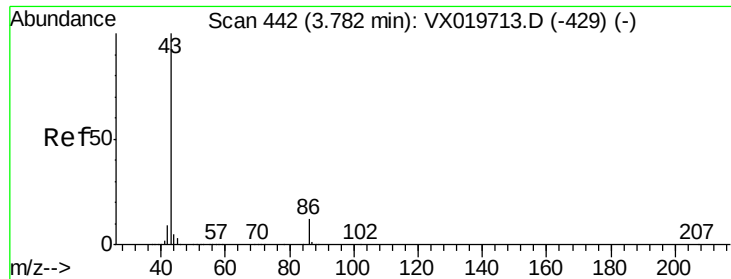
Delta R.T. 0.01 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Tgt Ion:	45	Resp:	174340
Ion	Ratio	Lower	Upper
45	100		
43	63.7	58.0	87.0
87	31.0	25.4	38.0
59	12.4	10.2	15.2





#23

Vinyl Acetate

Concen: 104.430 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion: 43 Resp: 724324

Ion Ratio Lower Upper

43 100

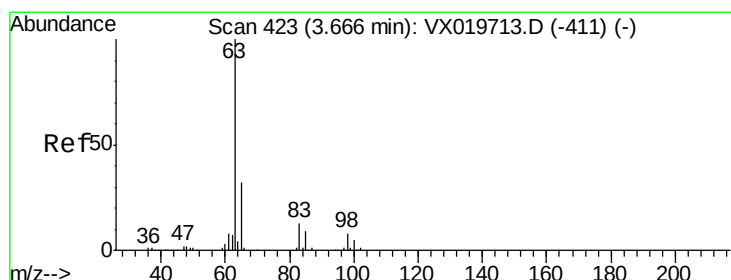
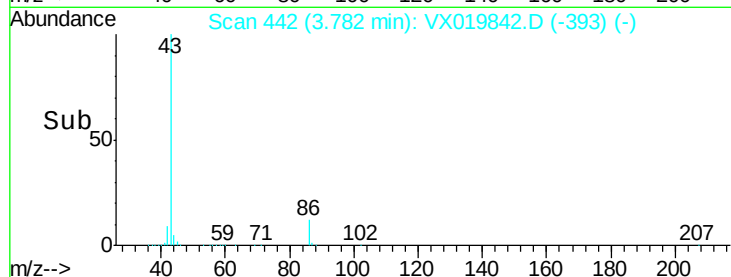
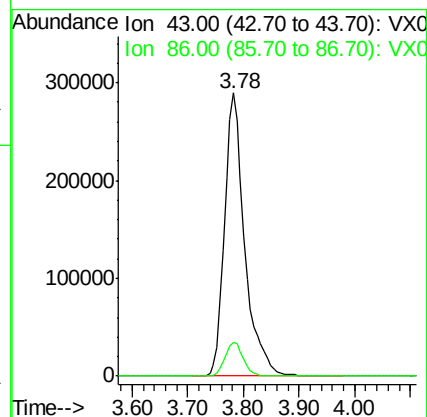
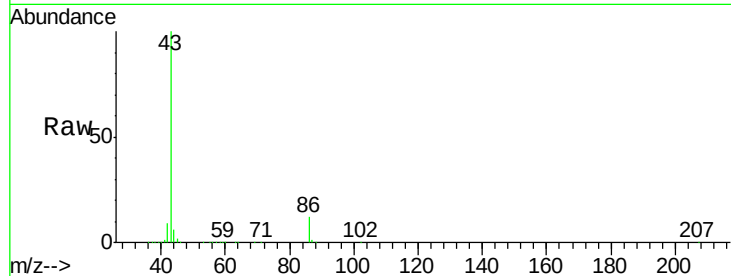
86 11.9 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.866 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

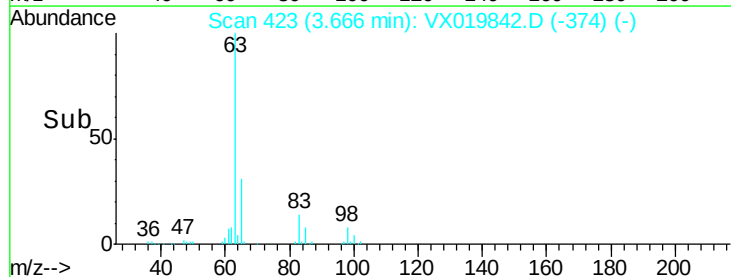
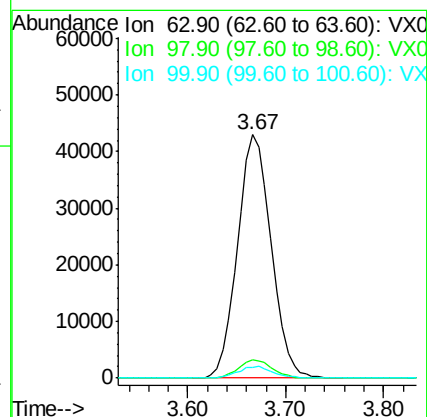
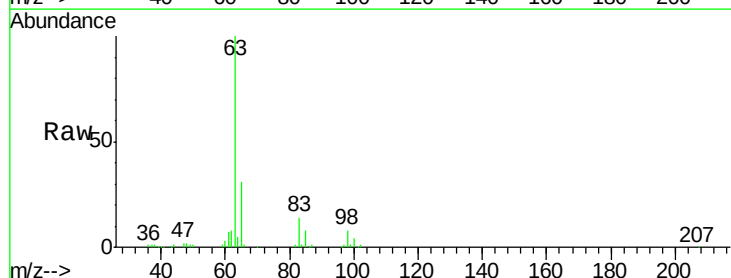
Tgt Ion: 63 Resp: 102442

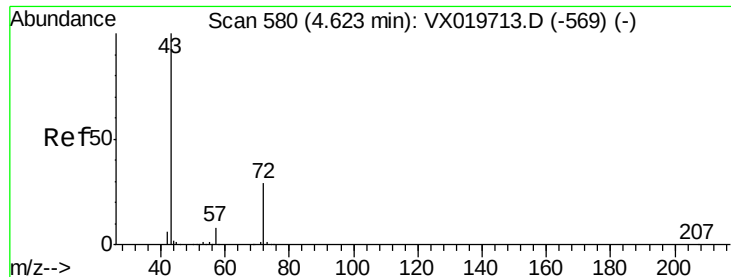
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.2

100 4.3 2.5 7.5





#25

2-Butanone

Concen: 104.217 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion: 43 Resp: 205860

Ion Ratio Lower Upper

43 100

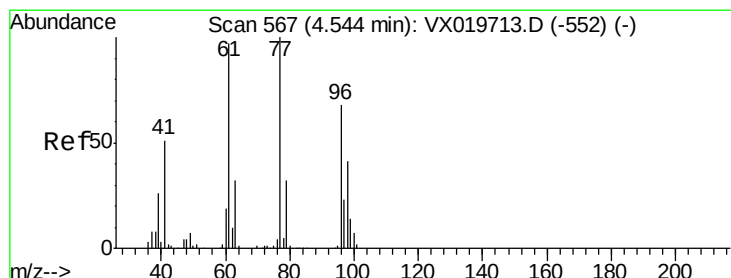
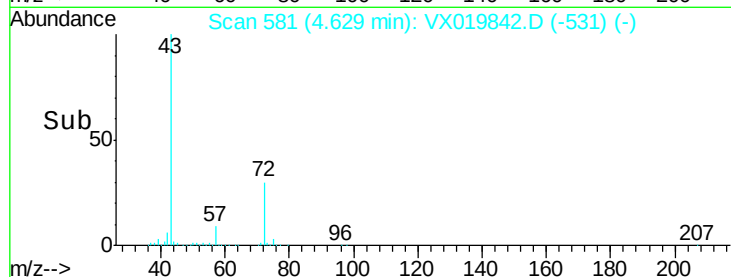
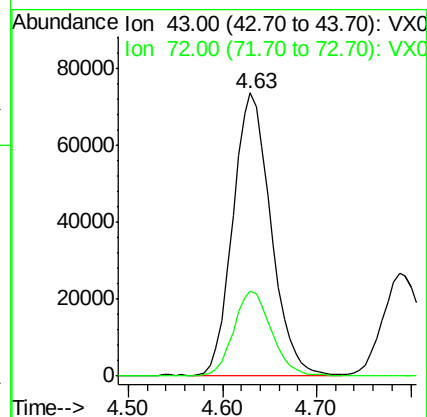
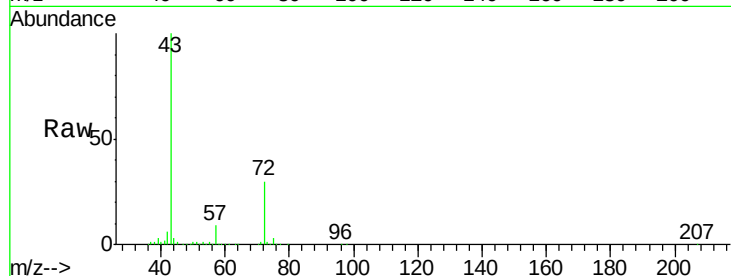
72 30.1 23.7 35.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.426 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019842.D

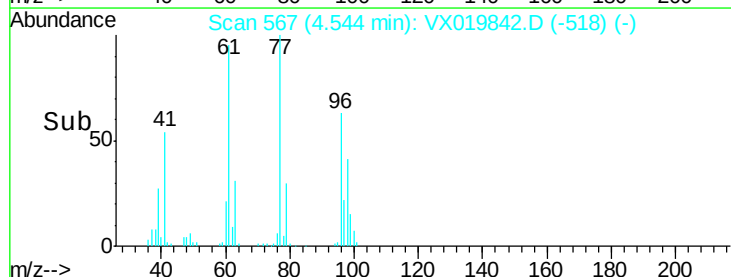
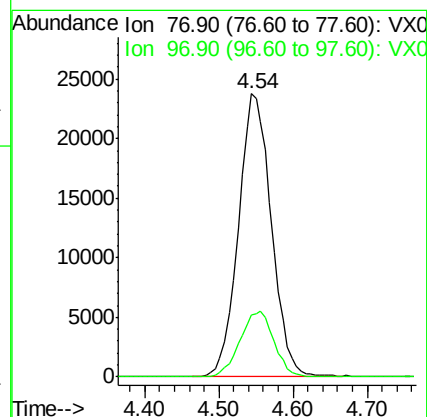
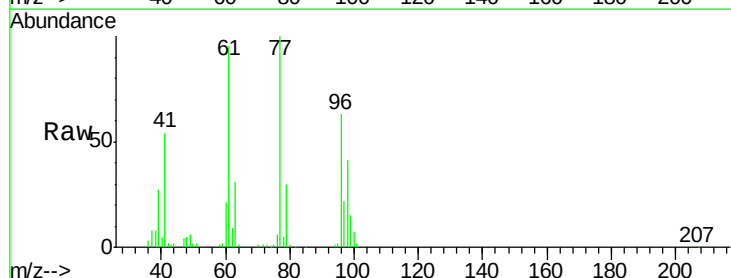
Acq: 10 Dec 2020 22:51

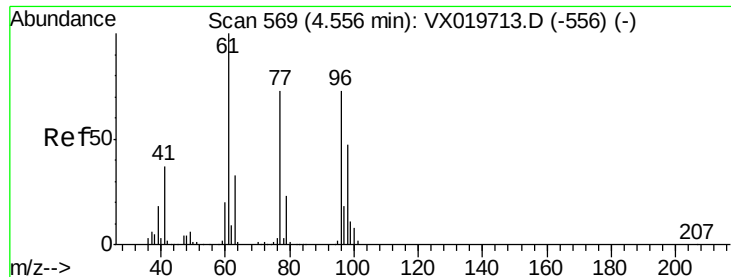
Tgt Ion: 77 Resp: 73674

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.1





#27

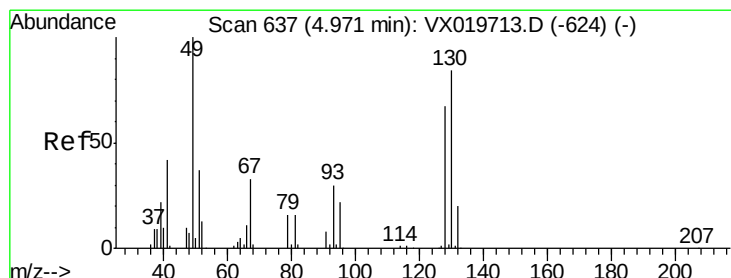
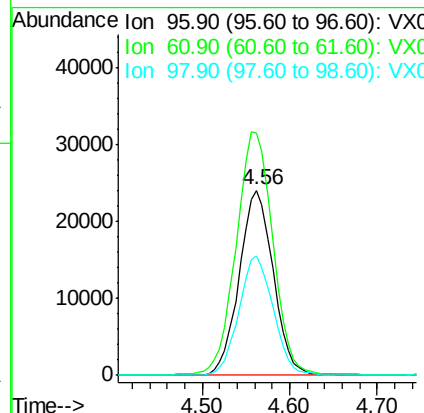
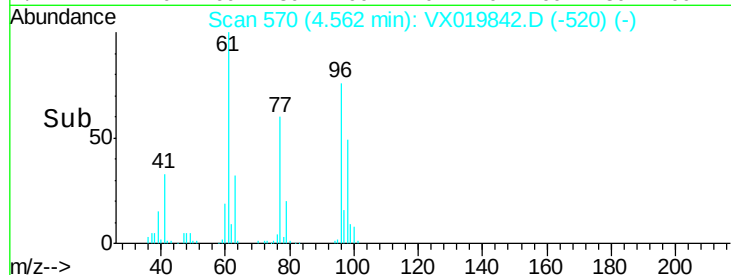
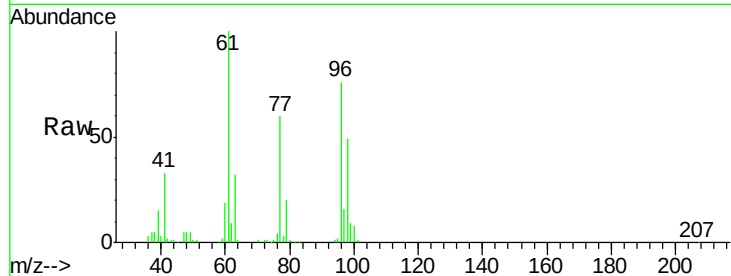
cis-1,2-Dichloroethene
Concen: 20.050 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	65220		
61	143.1		0.0	285.6
98	65.1		0.0	129.6

Manual Integrations
APPROVED

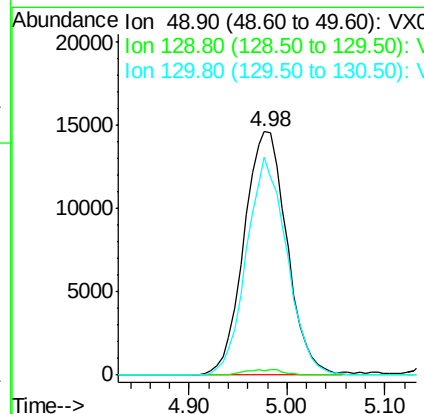
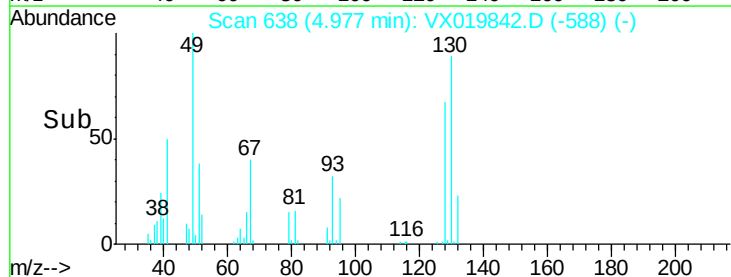
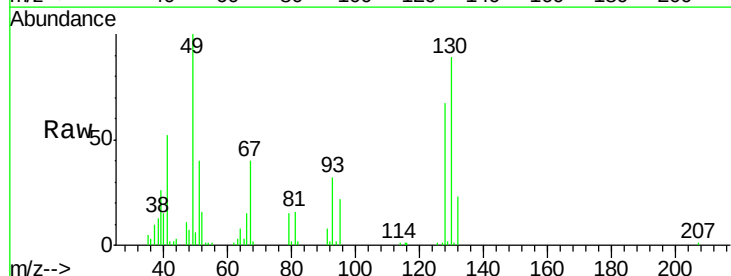
MMDadoda
12/11/2020 5:36:33 PM

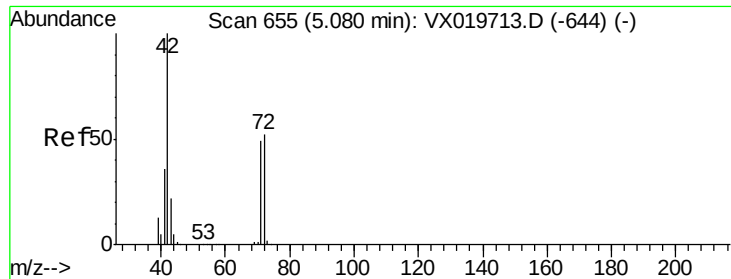


#28

Bromochloromethane
Concen: 19.069 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	44629		
129	1.1		0.0	4.0
130	84.1		68.2	102.2





#29

Tetrahydrofuran

Concen: 104.432 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Instrument :

MSVOA_X

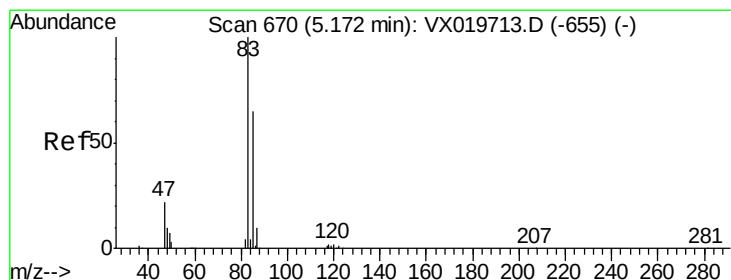
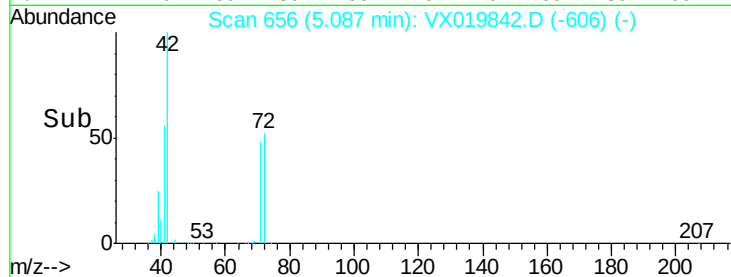
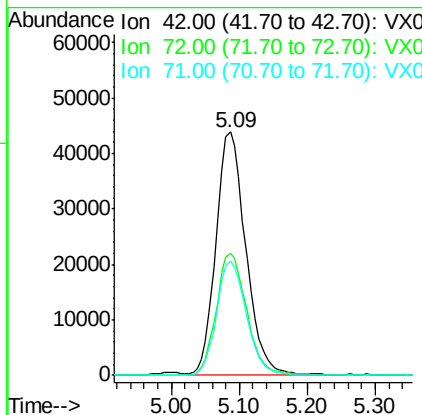
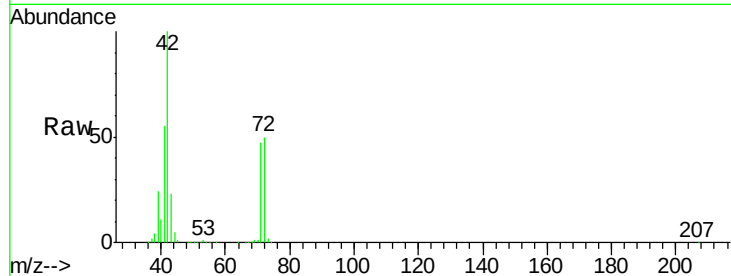
ClientSampleId :

VX1210WBSD02

Tot Ion:	42	Resp:	132907
Ion Ratio		Lower	Upper
42	100		
72	51.6	41.7	62.5
71	47.6	38.4	57.6

Manual Integrations
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#30

Chloroform

Concen: 20.845 ug/l

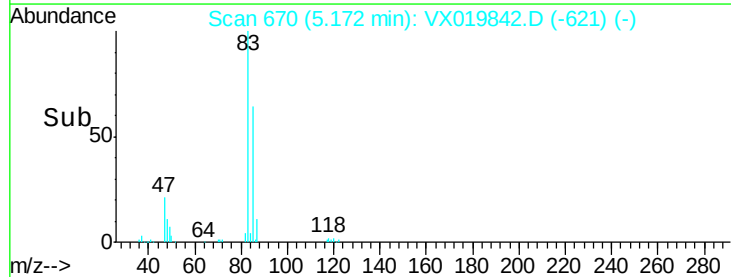
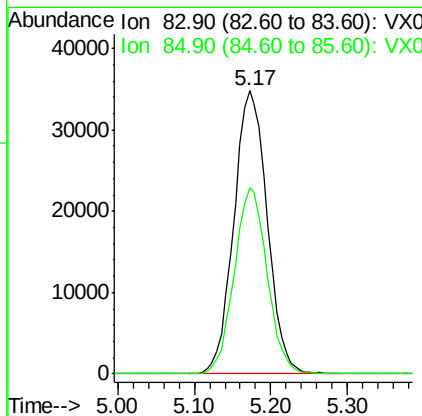
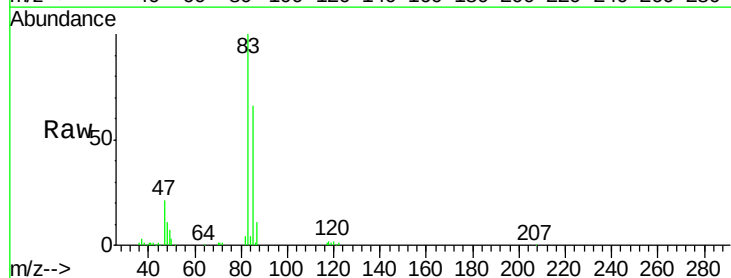
RT: 5.17 min Scan# 670

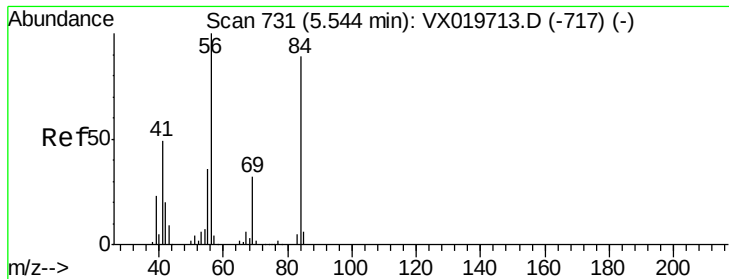
Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Tgt Ion:	83	Resp:	105224
Ion Ratio		Lower	Upper
83	100		
85	65.7	52.0	78.0





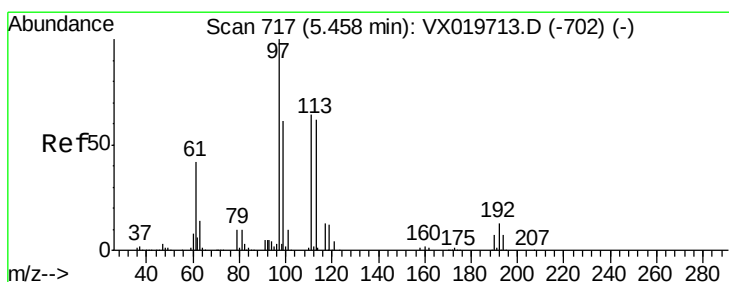
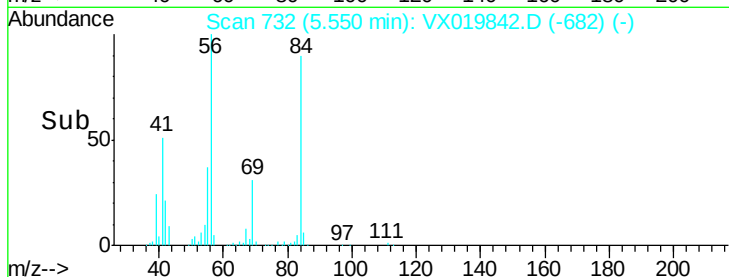
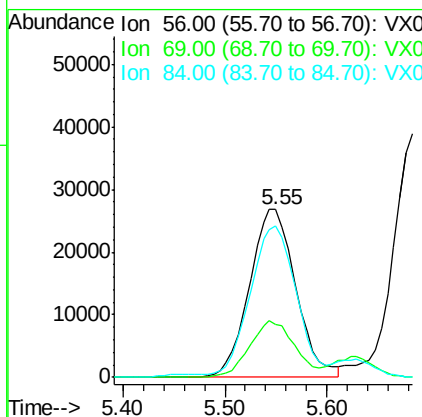
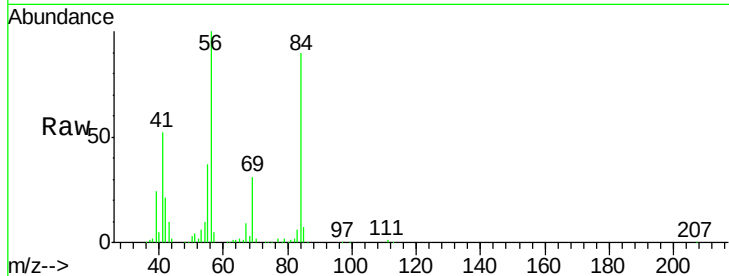
#31
Cyclohexane
Concen: 19.878 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.3	37.9
84	88.4	71.4	107.0

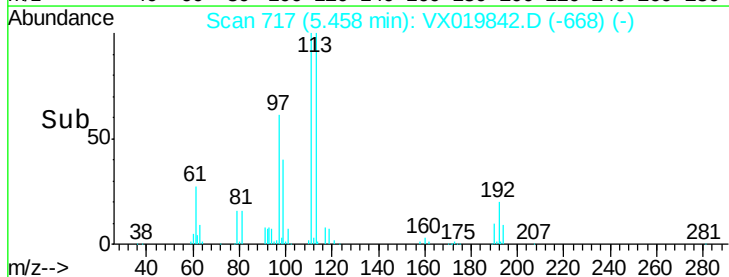
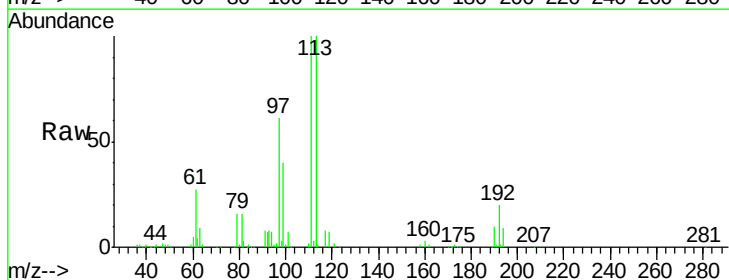
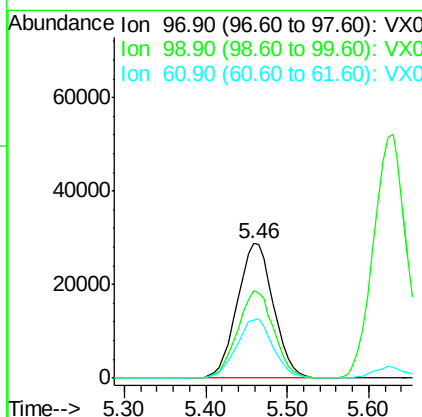
Manual Integrations
APPROVED

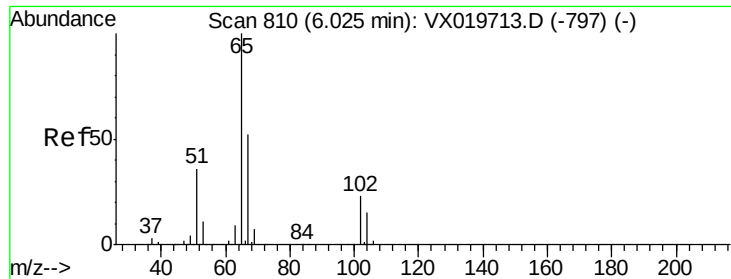
MMDadoda
12/11/2020 5:36:33 PM



#32
1,1,1-Trichloroethane
Concen: 20.370 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.5	77.3
61	44.2	34.2	51.4





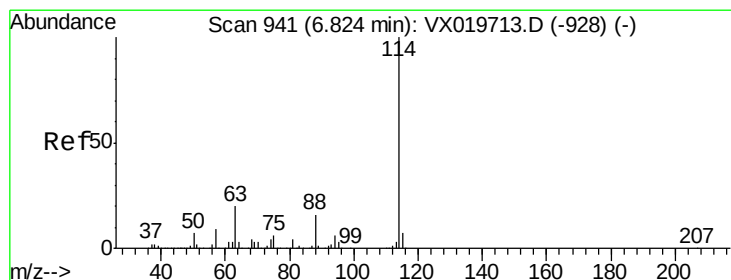
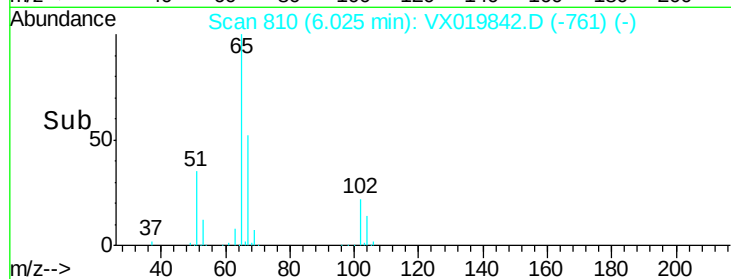
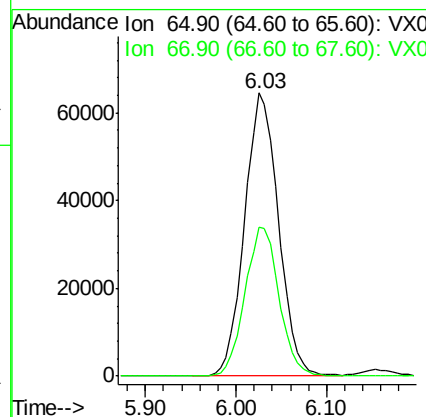
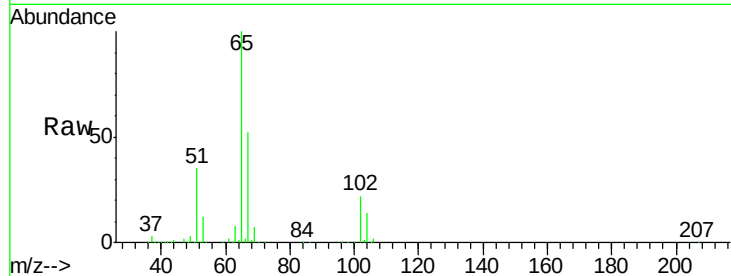
#33
 1,2-Dichloroethane-d4
 Concen: 48.825 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019842.D
 Acq: 10 Dec 2020 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	166981		
67	53.1	0.0	105.4	

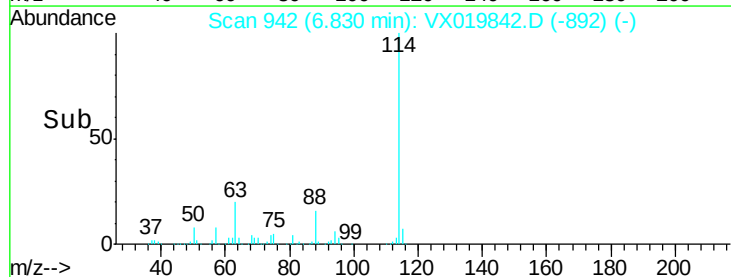
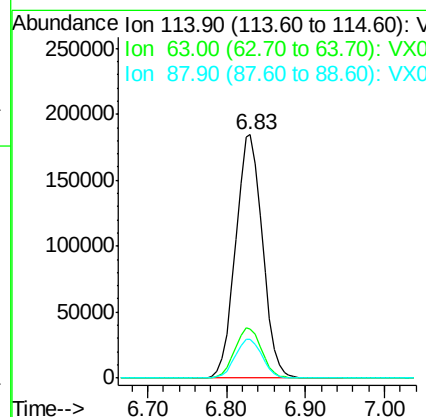
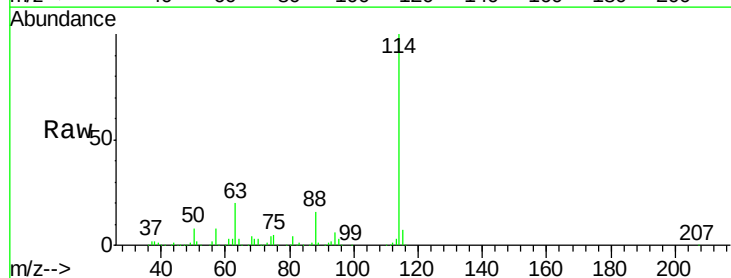
Manual Integrations
 APPROVED

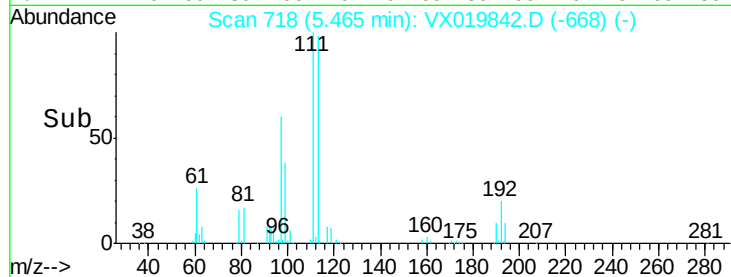
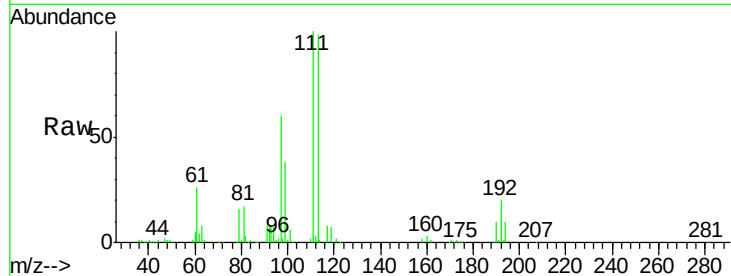
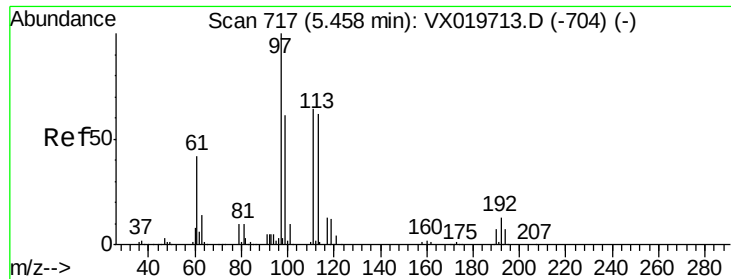
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019842.D
 Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	436991		
63	20.0	0.0	40.8	
88	16.2	0.0	32.8	





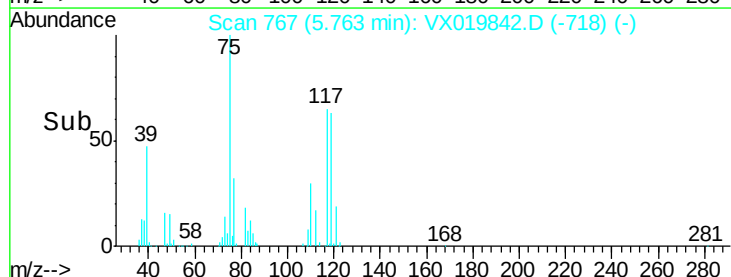
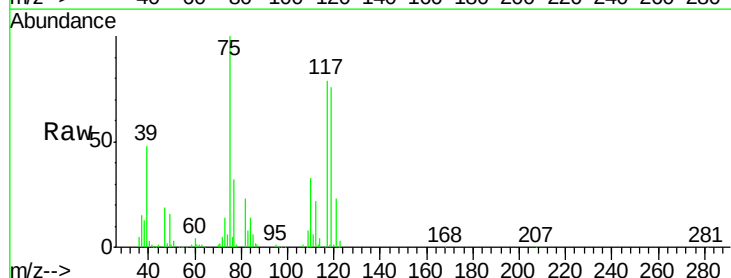
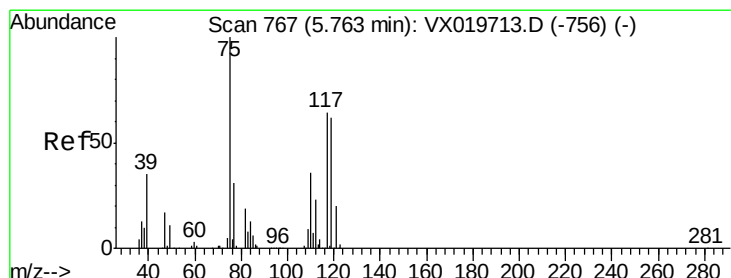
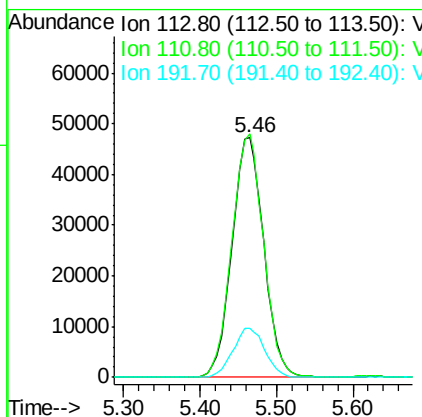
#35
Dibromofluoromethane
Concen: 48.145 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.1	81.9	122.9	
192	20.5	16.7	25.1	

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

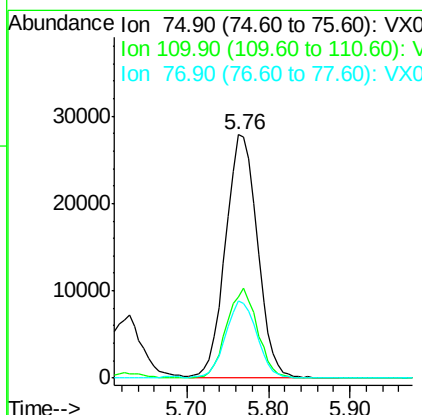
Manual Integrations
APPROVED

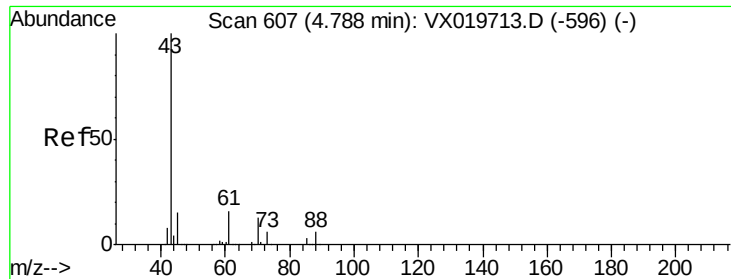
MMDadoda
12/11/2020 5:36:33 PM



#36
1,1-Dichloropropene
Concen: 19.184 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.5	18.1	54.4	
77	31.1	25.3	37.9	





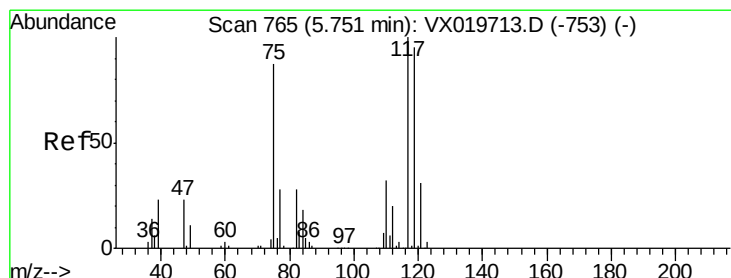
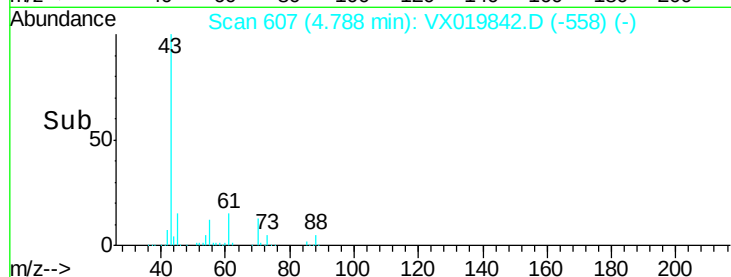
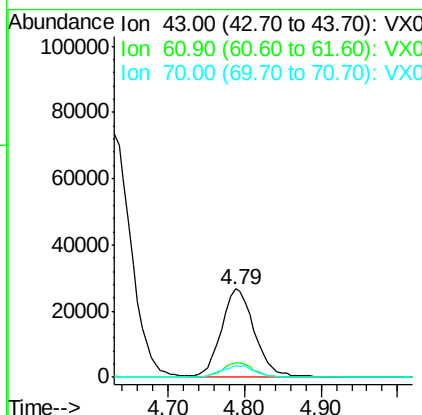
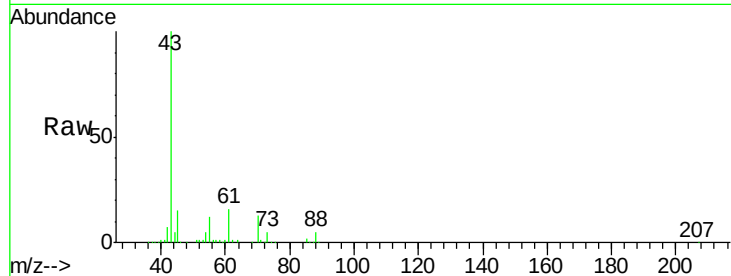
#37
Ethyl Acetate
Concen: 19.749 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	12.8	19.2
70	13.1	10.5	15.7

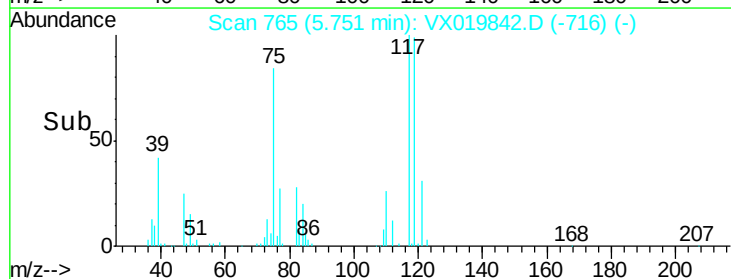
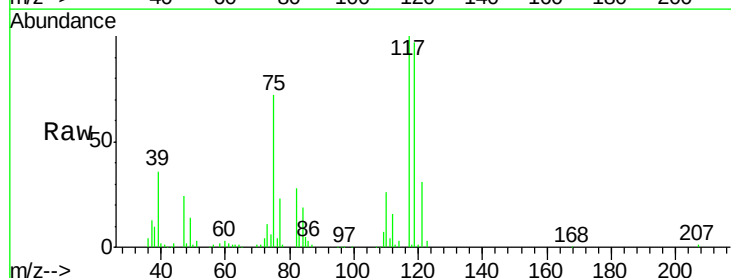
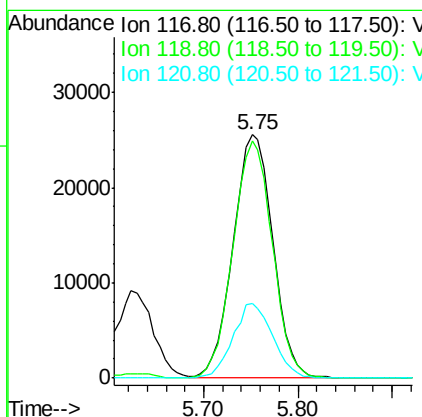
Manual Integrations
APPROVED

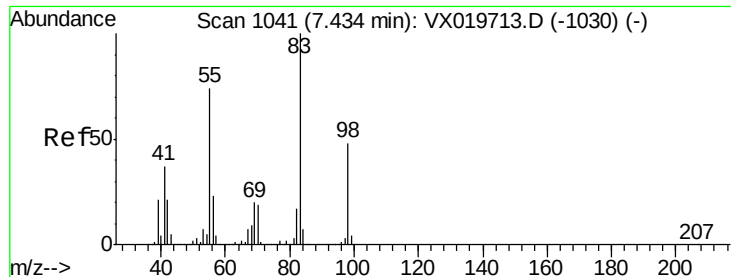
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#38
Carbon Tetrachloride
Concen: 19.457 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.2	114.2
121	30.8	24.8	37.2





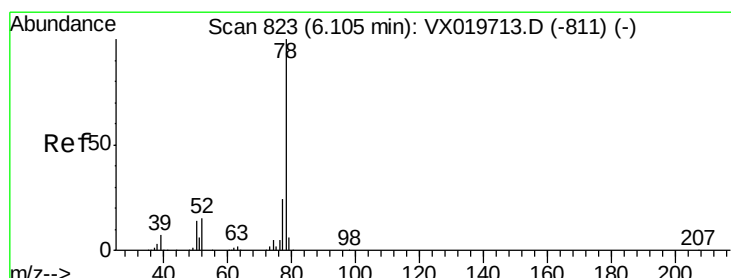
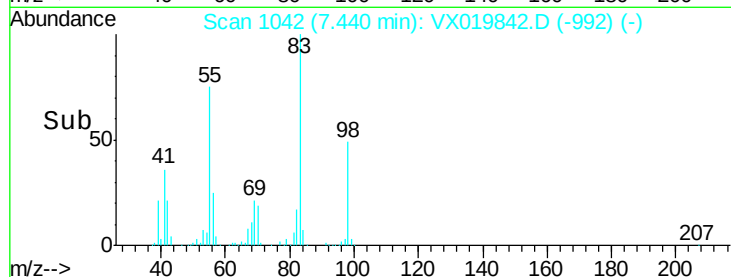
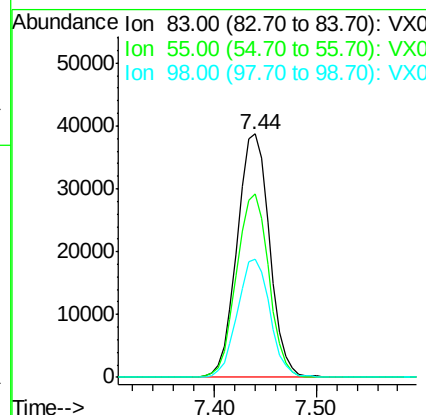
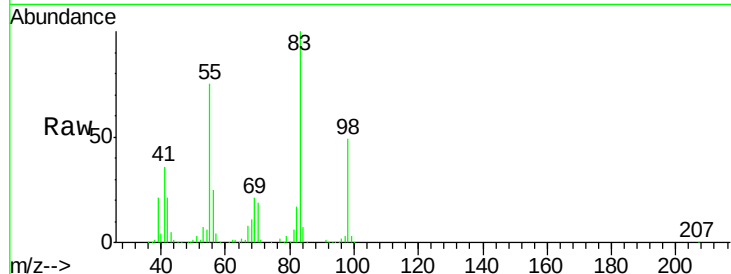
#39
Methylvlcyclohexane
Concen: 18.411 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.2	58.9	88.3
98	48.6	38.1	57.1

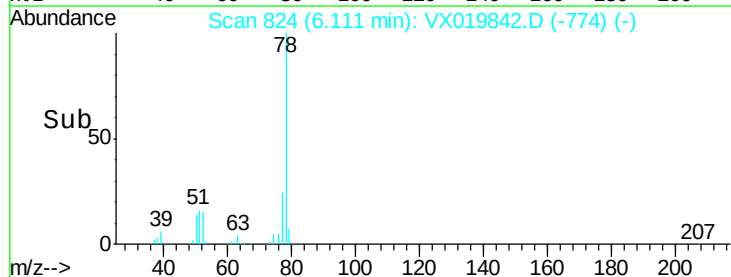
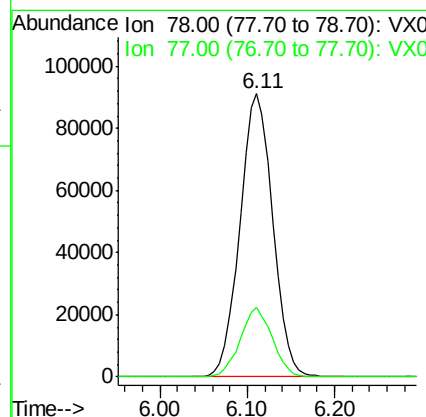
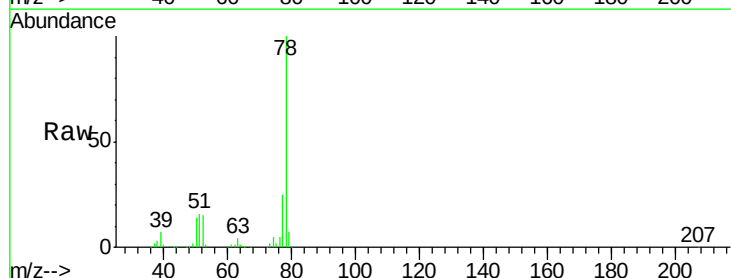
Manual Integrations
APPROVED

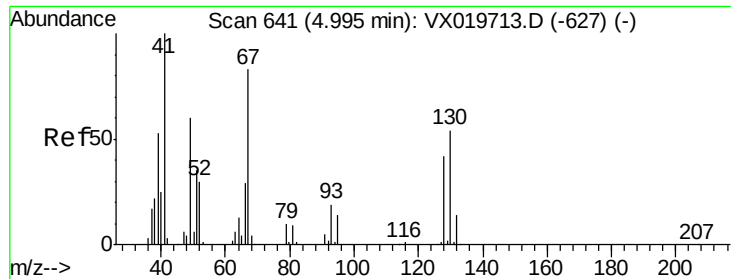
MMDadoda
12/11/2020 5:36:33 PM



#40
Benzene
Concen: 19.695 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.9	28.3





#41

Methacrylonitrile

Concen: 19.658 ug/l

RT: 5.00 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Instrument :

MSVOA_X

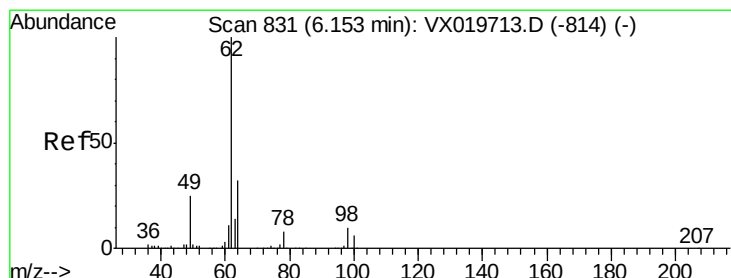
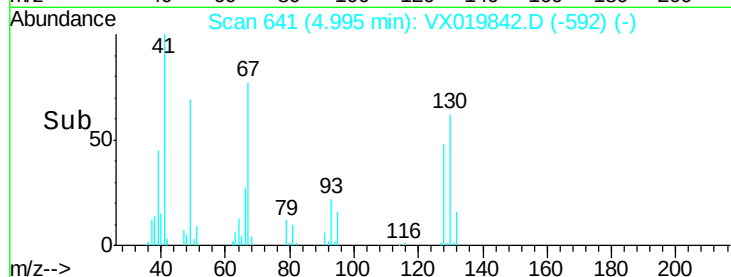
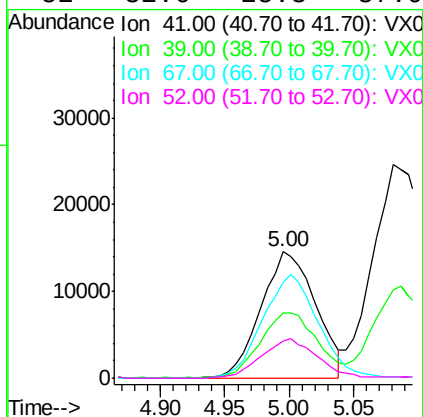
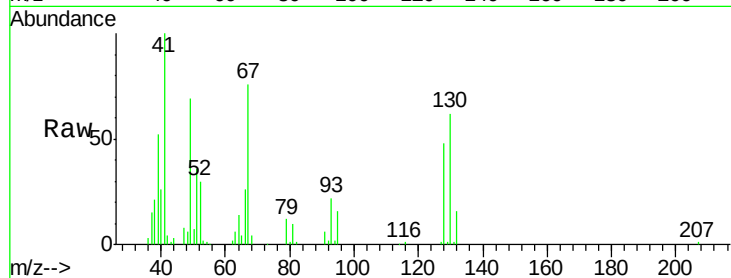
ClientSampleId :

VX1210WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		43031		
39	55.1	42.5	63.7		
67	84.2	65.0	97.6		
52	32.6	25.3	37.9		

Manual Integrations
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12/11/2020 5:36:33 PM



#42

1,2-Dichloroethane

Concen: 20.050 ug/l

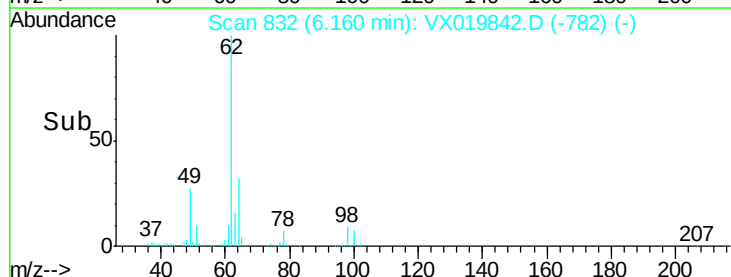
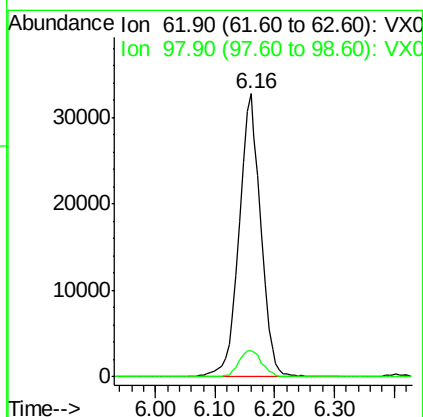
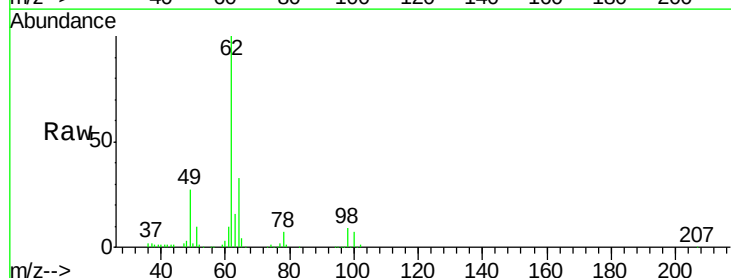
RT: 6.16 min Scan# 832

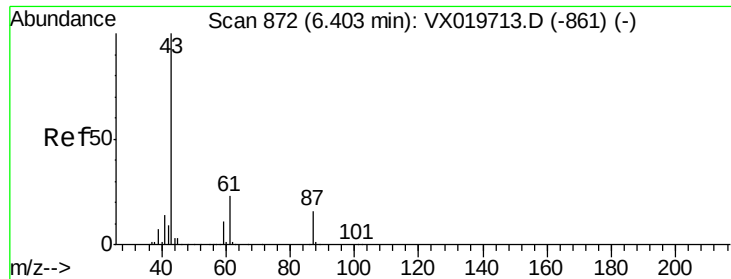
Delta R.T. 0.01 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		82634		
98	10.0	0.0	20.2		





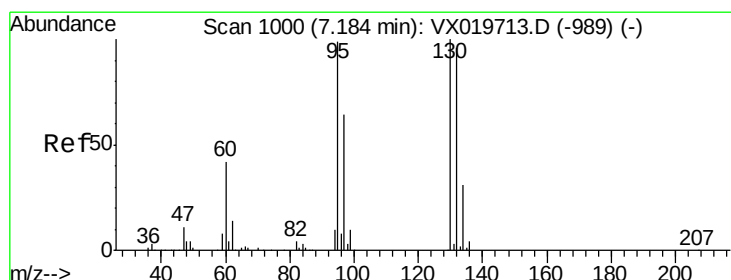
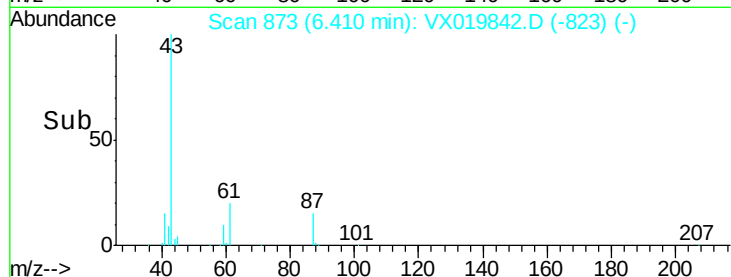
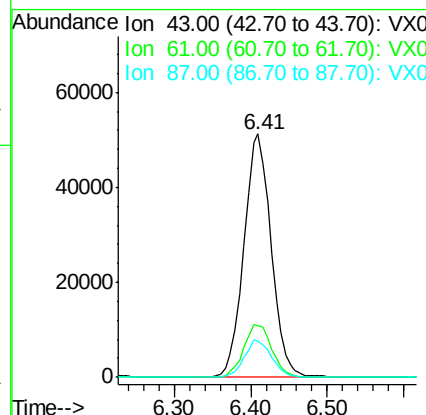
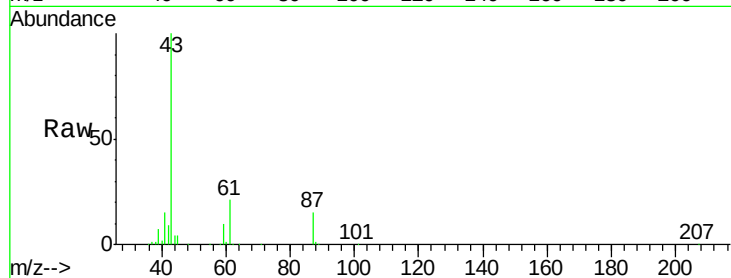
#43
Isopropyl Acetate
Concen: 19.472 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.4	18.2	27.4
87	15.5	12.5	18.7

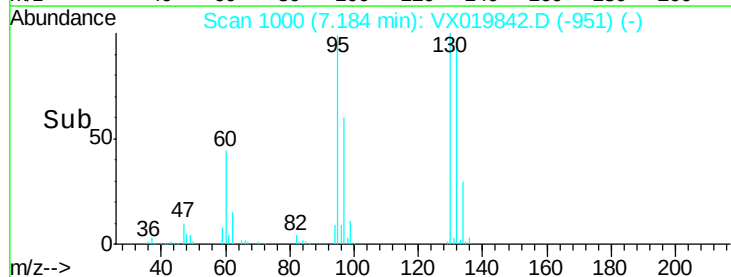
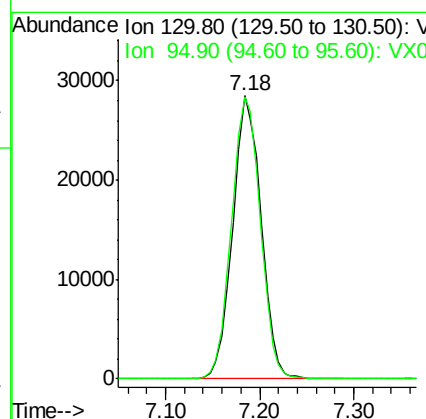
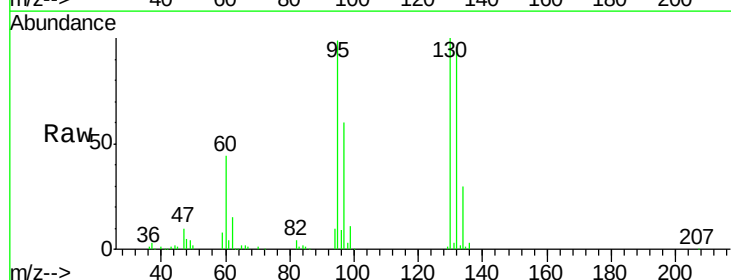
Manual Integrations
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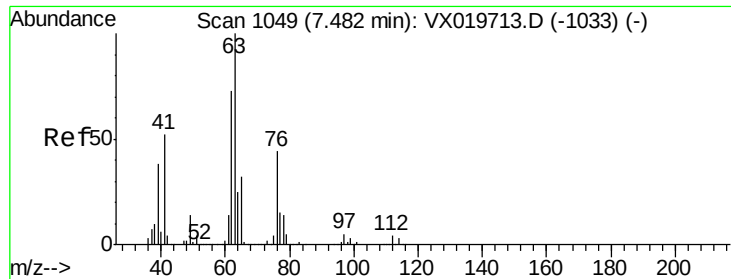
MMDadoda
12/11/2020 5:36:33 PM



#44
Trichloroethene
Concen: 18.852 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	198.0





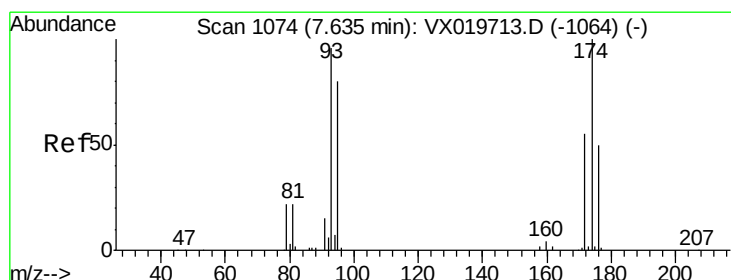
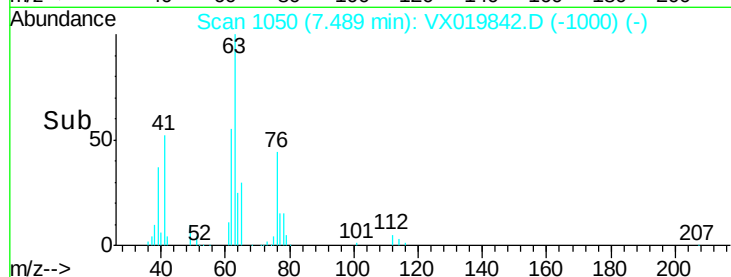
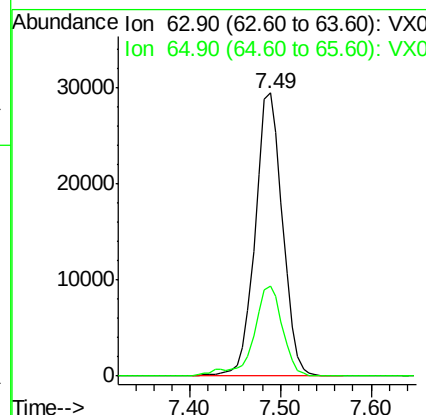
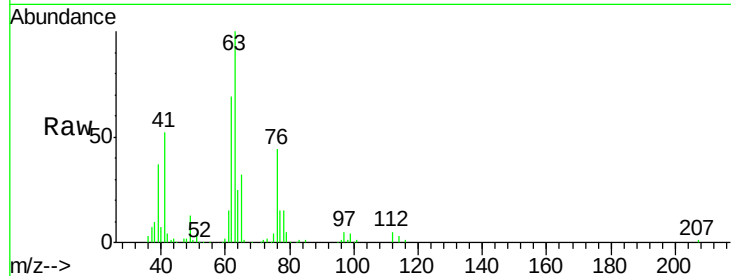
#45
 1,2-Dichloropropane
 Concen: 20.311 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019842.D
 Acq: 10 Dec 2020 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

Tot Ion: 63 Resp: 61233
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.7 38.5

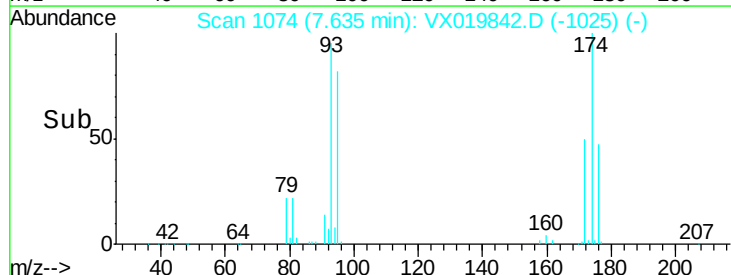
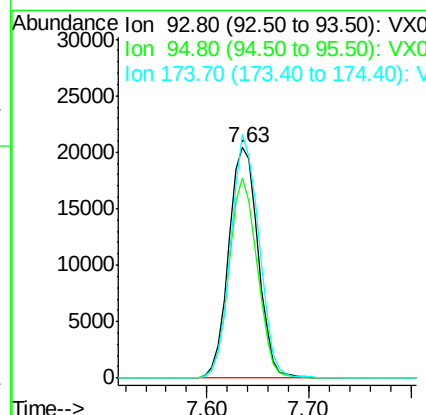
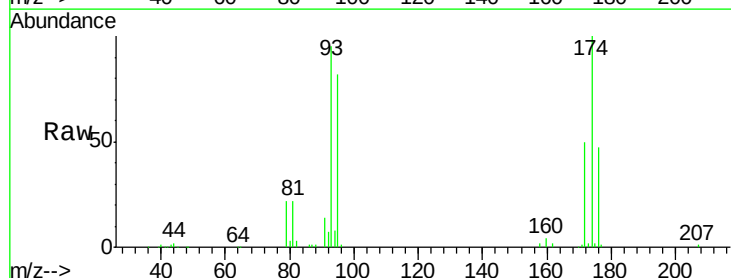
Manual Integrations
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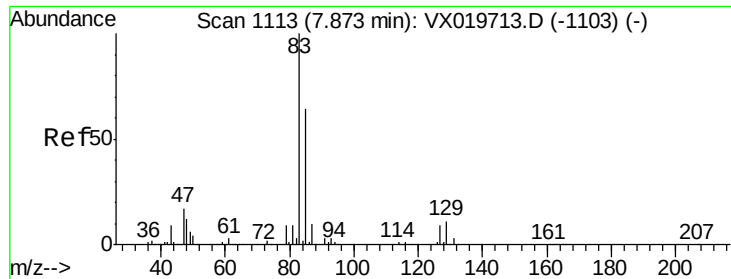
MMDadoda
 12/11/2020 5:36:33 PM



#46
 Dibromomethane
 Concen: 19.968 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019842.D
 Acq: 10 Dec 2020 22:51

Tgt Ion: 93 Resp: 40652
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.8 100.2
 174 101.7 83.1 124.7





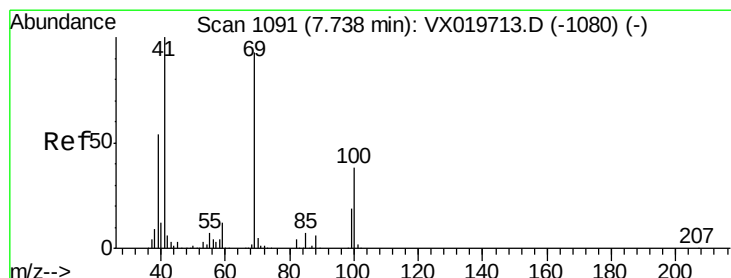
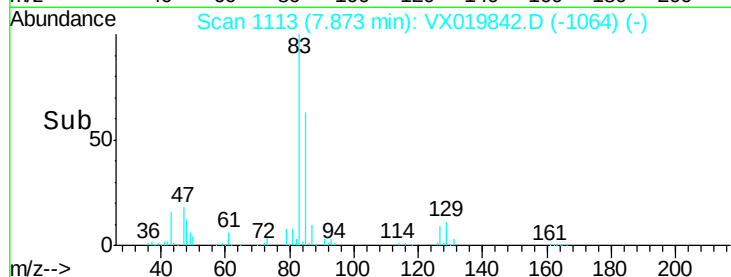
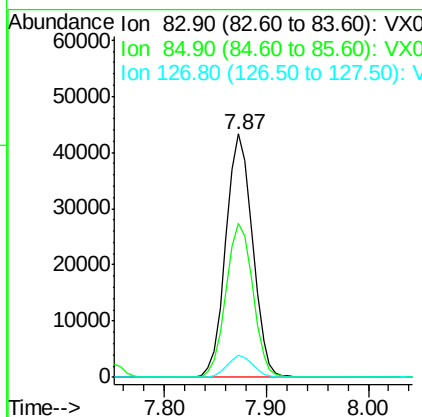
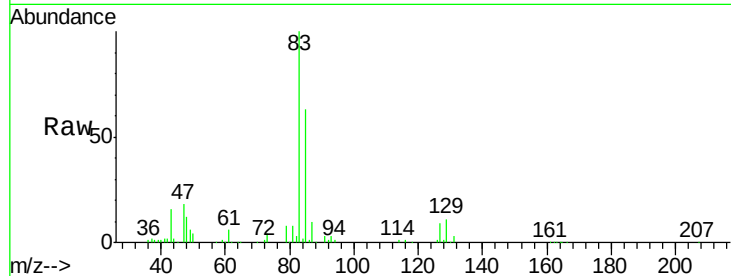
#47
Bromodichloromethane
Concen: 19.425 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	83	Resp	78473
Ion Ratio	100		
85	63.4	51.4	77.0
127	8.9	6.8	10.2

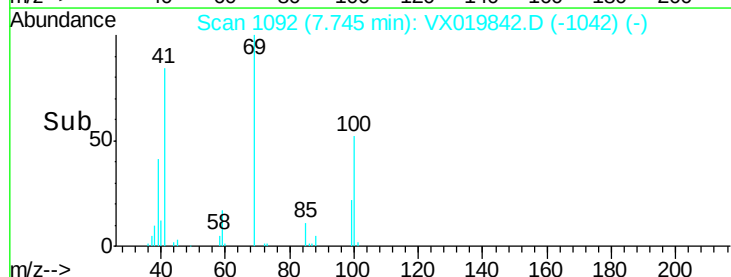
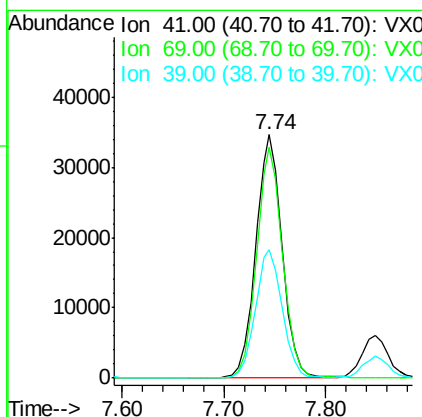
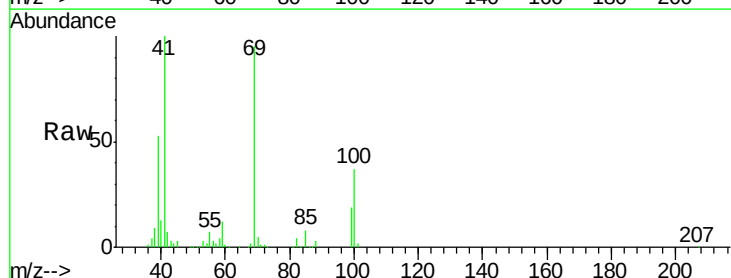
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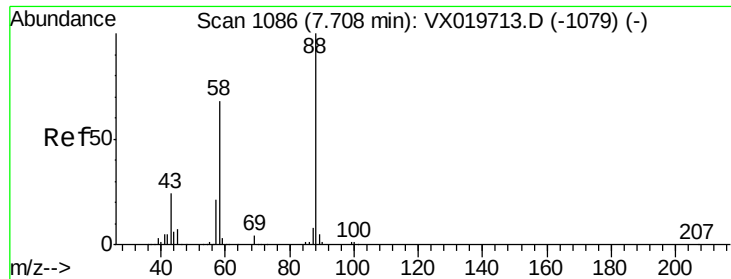
MMDadoda
12/11/2020 5:36:33 PM



#48
Methyl methacrylate
Concen: 19.651 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion	41	Resp	62645
Ion Ratio	100		
69	92.8	76.0	114.0
39	53.7	44.6	67.0





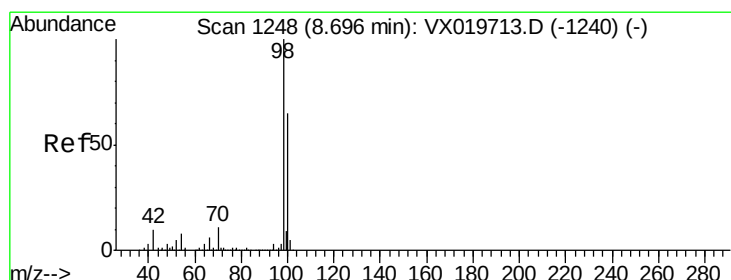
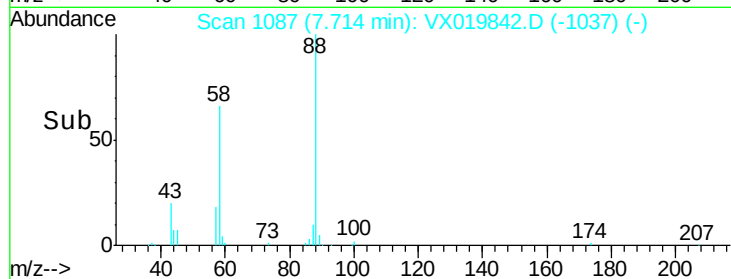
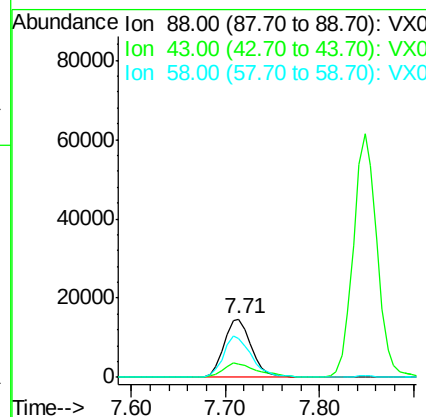
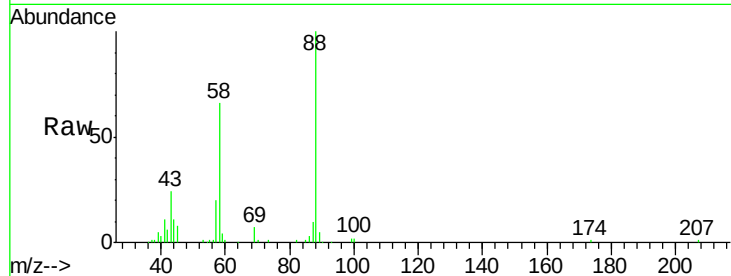
#49
1,4-Dioxane
Concen: 386.125 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.1	23.2	34.8
58	71.8	55.0	82.4

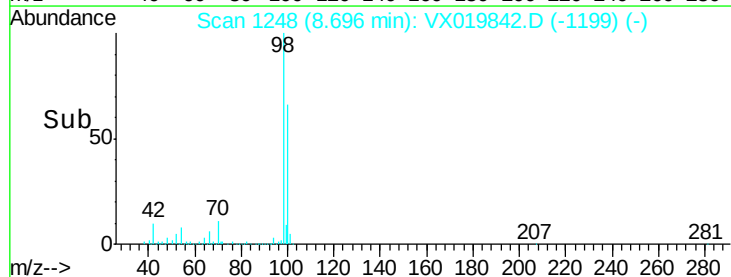
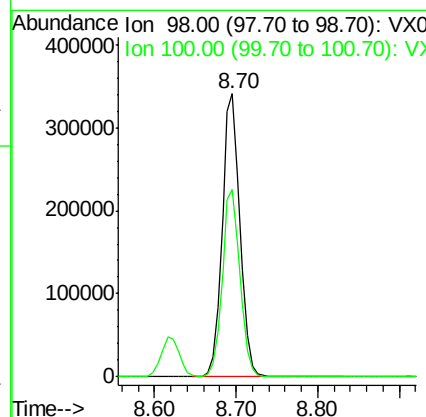
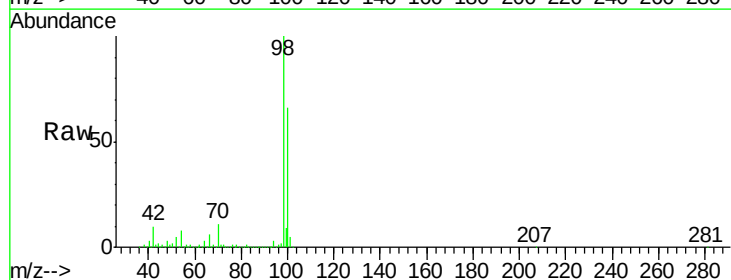
Manual Integrations
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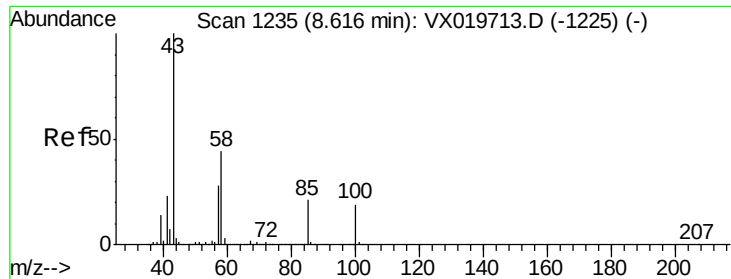
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#50
Toluene-d8
Concen: 47.965 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.9	77.9





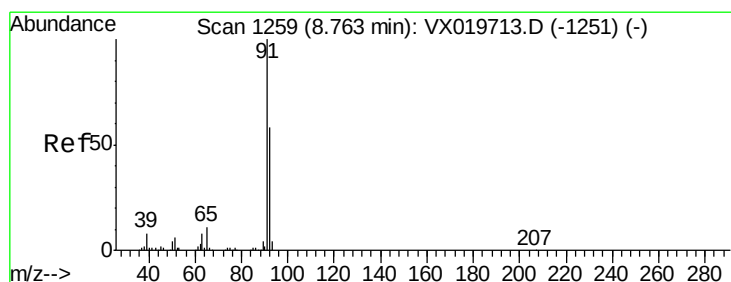
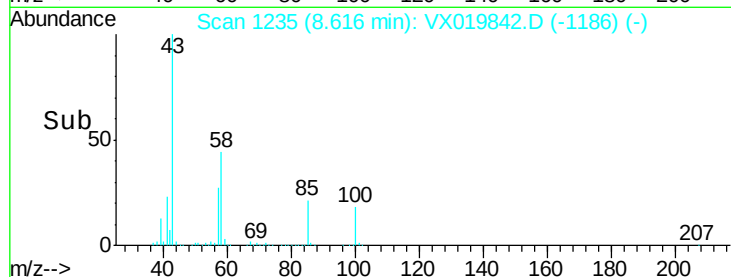
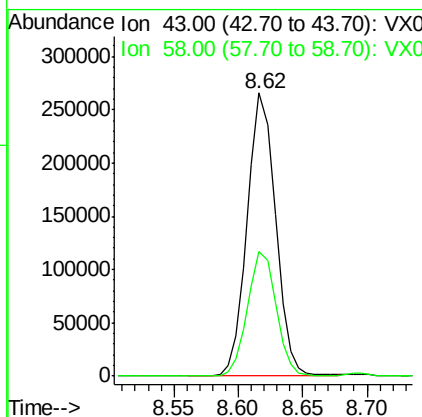
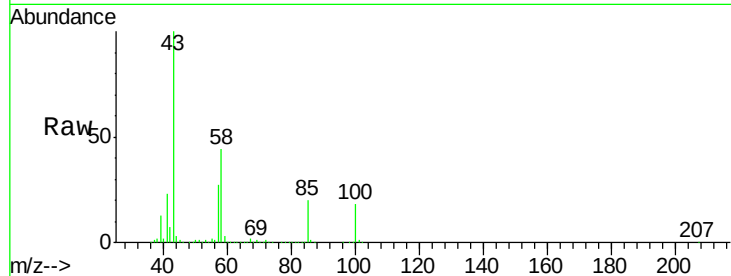
#51
4-Methyl-2-Pentanone
Concen: 102.340 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.3	35.4	53.0

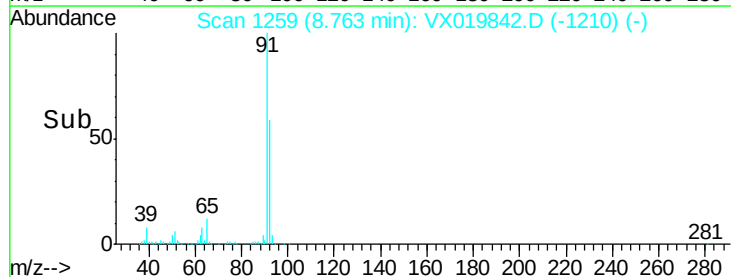
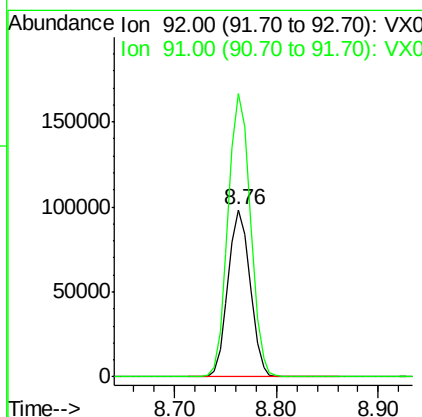
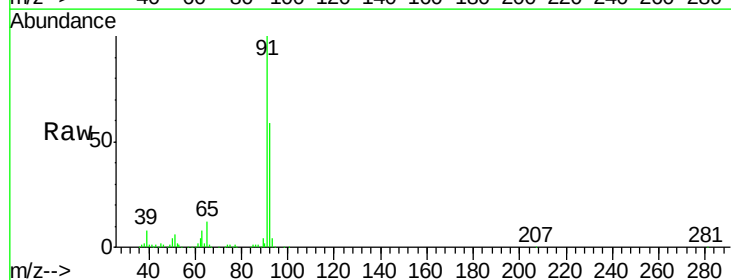
Manual Integrations
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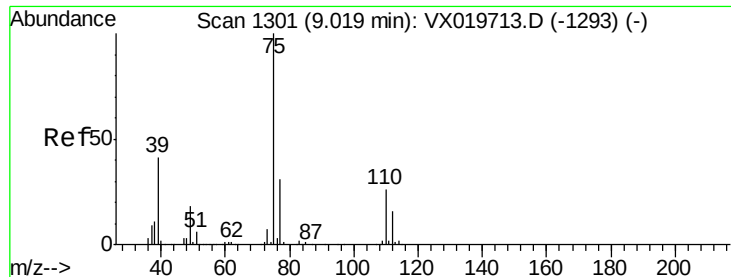
MMDadoda
12/11/2020 5:36:33 PM



#52
Toluene
Concen: 19.638 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.7	137.1	205.7





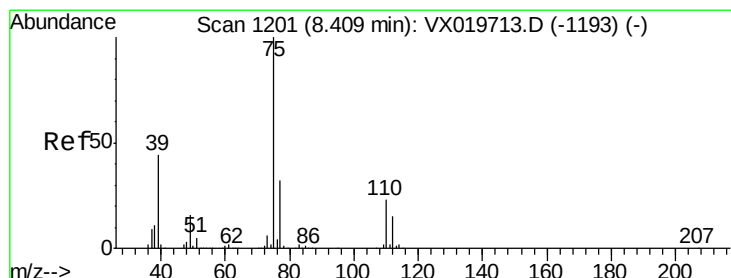
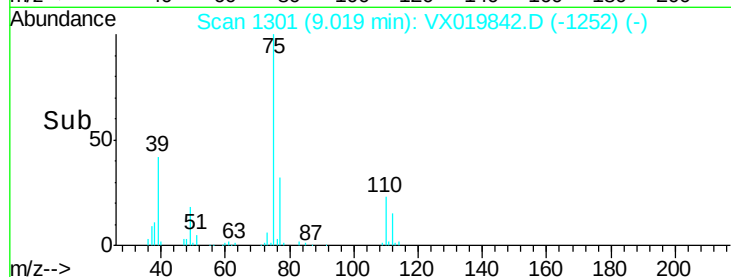
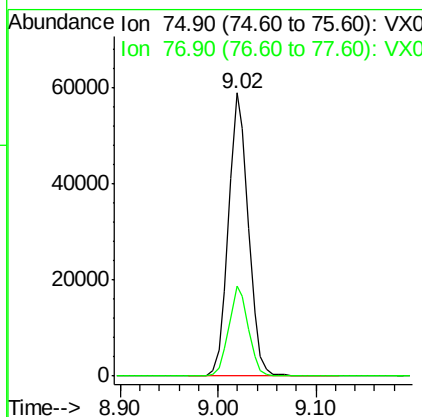
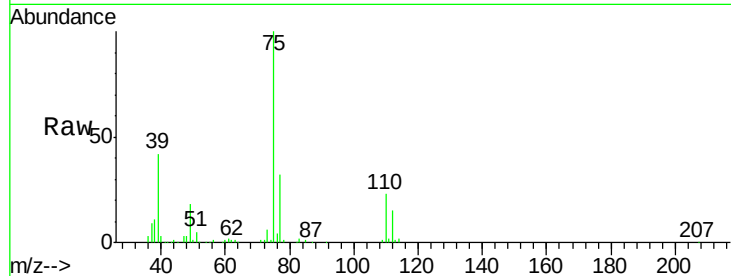
#53
t-1,3-Dichloropropene
Concen: 18.558 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion: 75 Resp: 83194
Ion Ratio Lower Upper
75 100
77 31.7 24.9 37.3

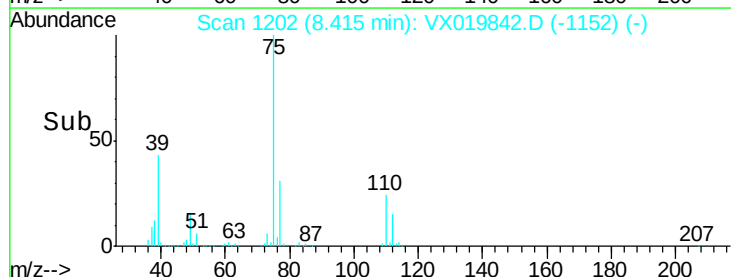
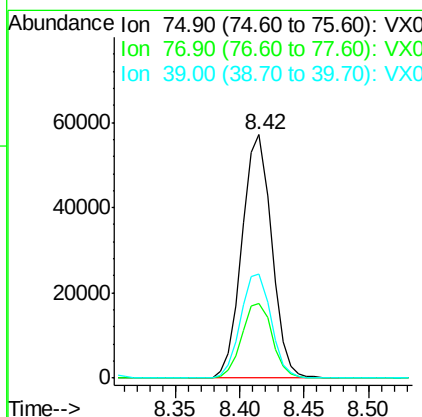
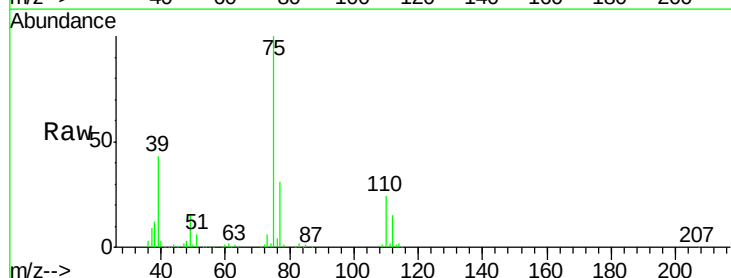
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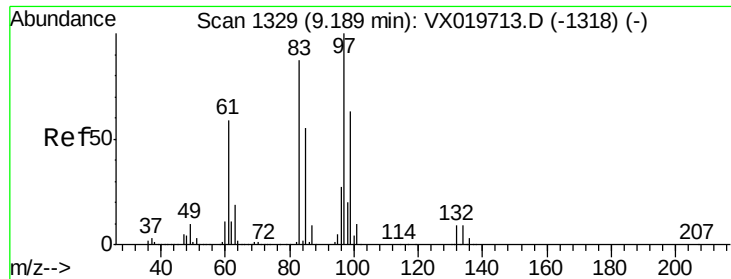
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.701 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion: 75 Resp: 91079
Ion Ratio Lower Upper
75 100
77 30.8 25.7 38.5
39 42.6 35.1 52.7





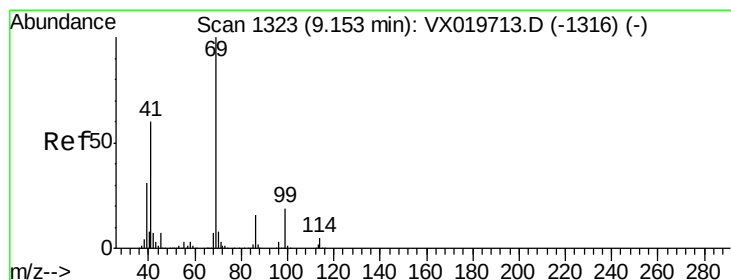
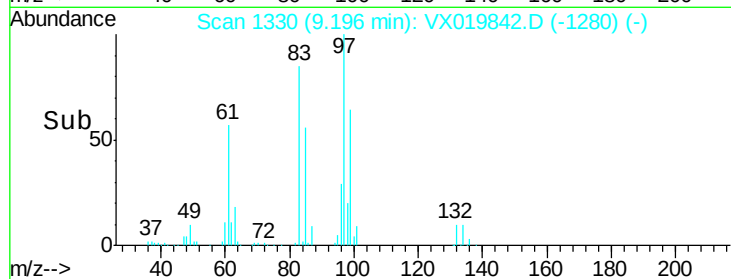
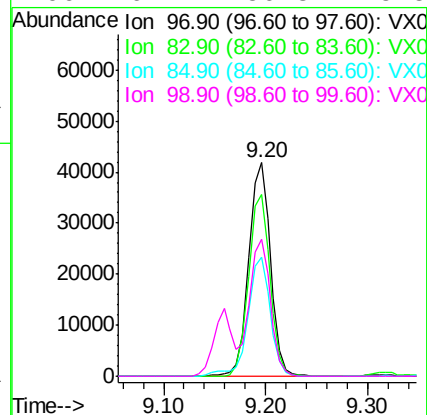
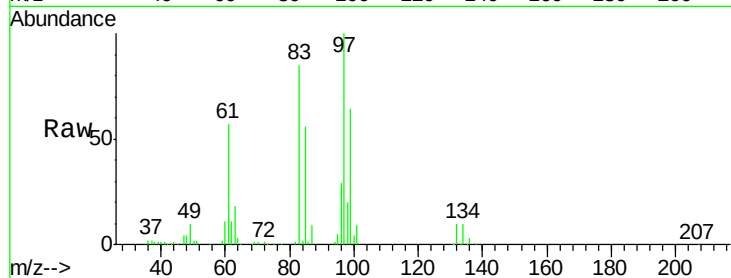
#55
 1,1,2-Trichloroethane
 Concen: 20.263 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019842.D
 Acq: 10 Dec 2020 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

Tot Ion:	97	Resp:	61606
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.3	103.9
85	55.8	44.3	66.5
99	64.1	50.3	75.5

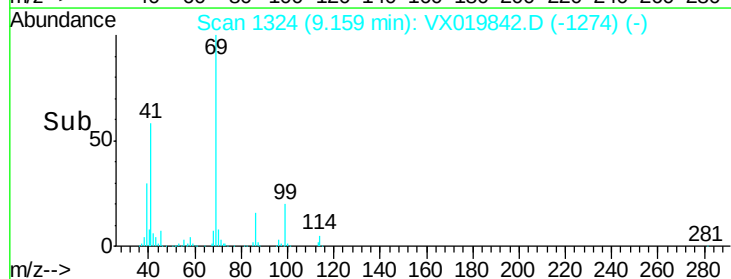
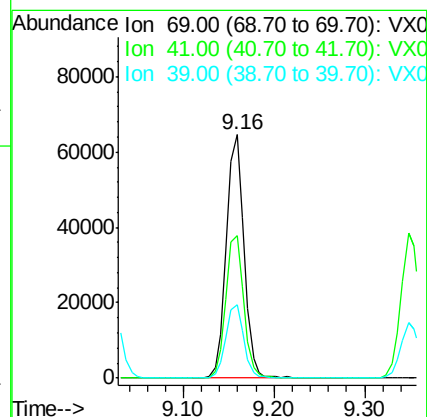
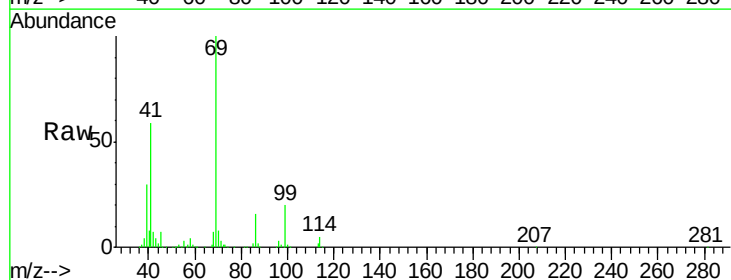
Manual Integrations
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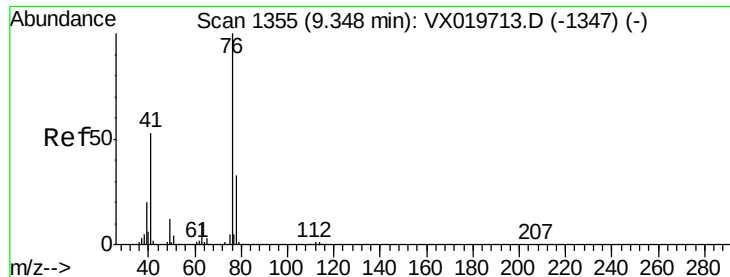
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#56
 Ethyl methacrylate
 Concen: 19.233 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019842.D
 Acq: 10 Dec 2020 22:51

Tgt Ion:	69	Resp:	88468
Ion	Ratio	Lower	Upper
69	100		
41	59.7	46.8	70.2
39	30.4	24.7	37.1





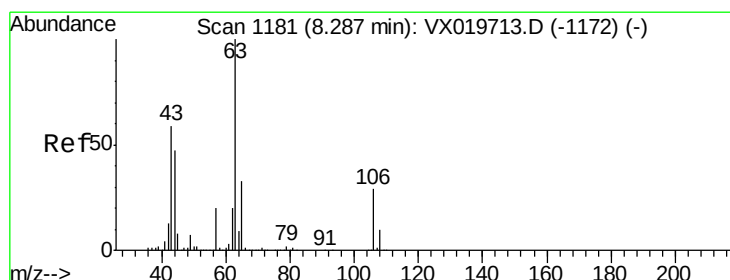
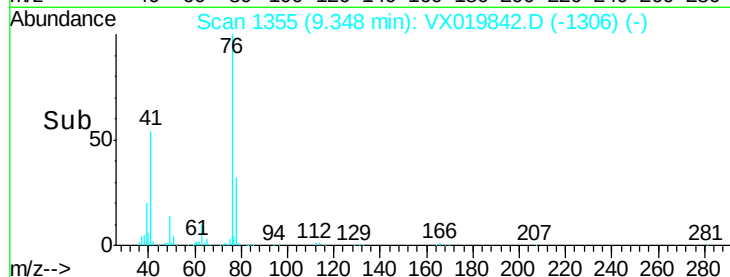
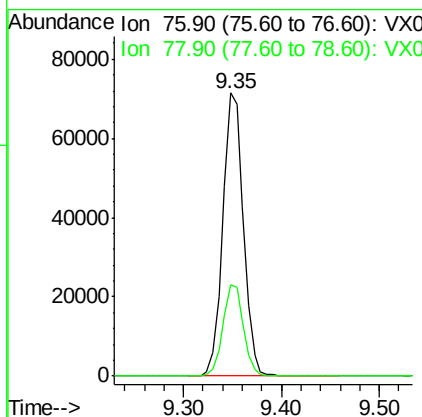
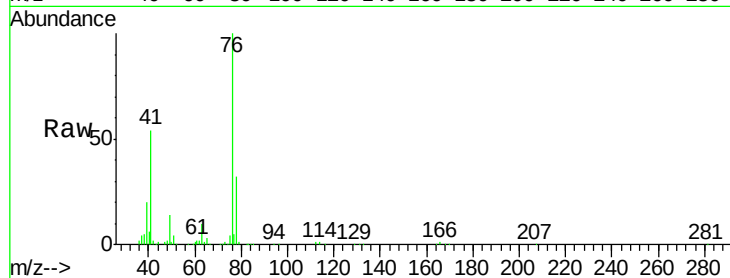
#57
 1,3-Dichloropropane
 Concen: 19.965 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VX019842.D
 Acq: 10 Dec 2020 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

Tot Ion: 76 Resp: 103643
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2

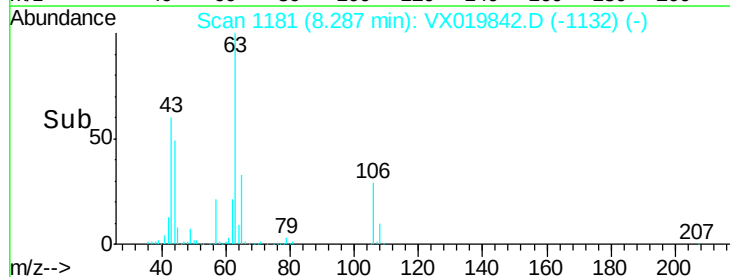
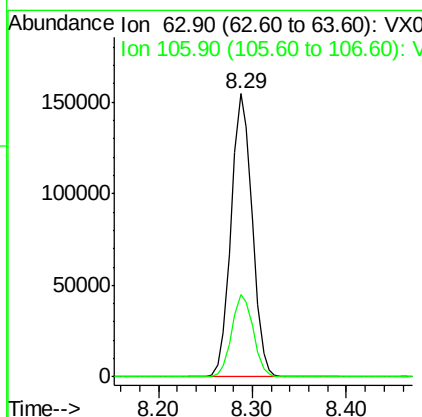
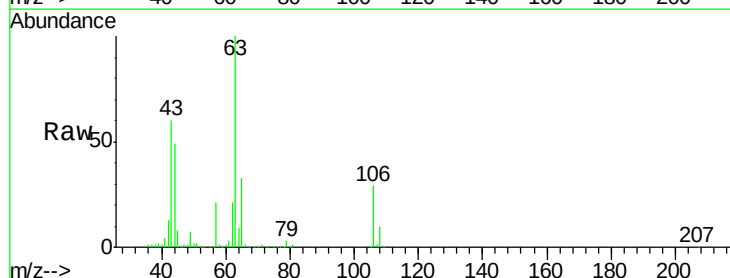
Manual Integrations
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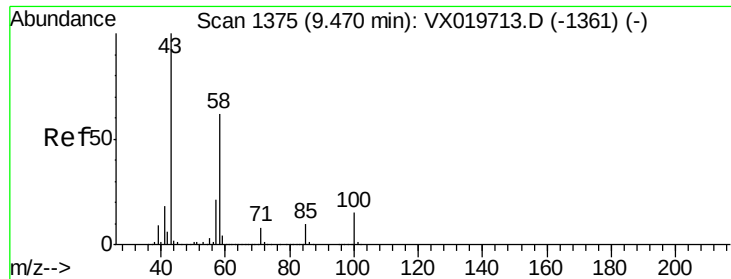
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 12/11/2020 5:36:33 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.982 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX019842.D
 Acq: 10 Dec 2020 22:51

Tgt Ion: 63 Resp: 241199
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.5 35.3





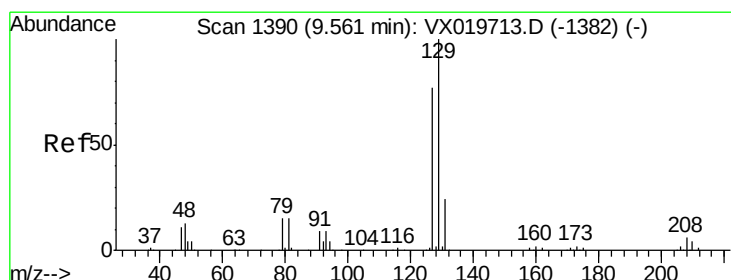
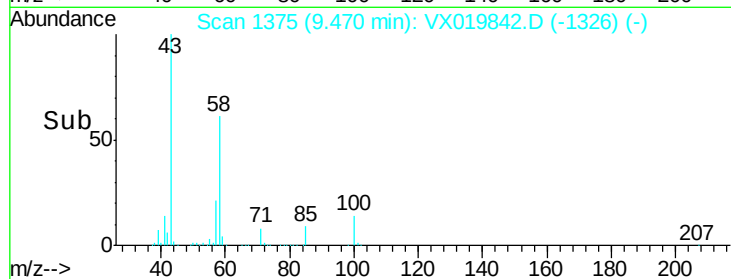
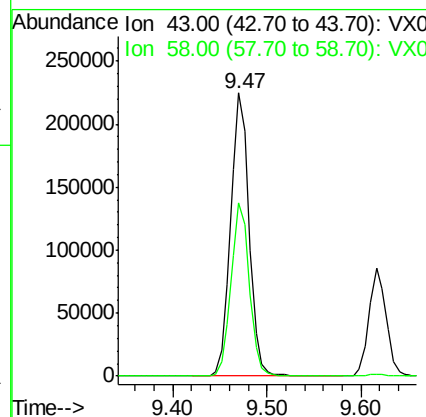
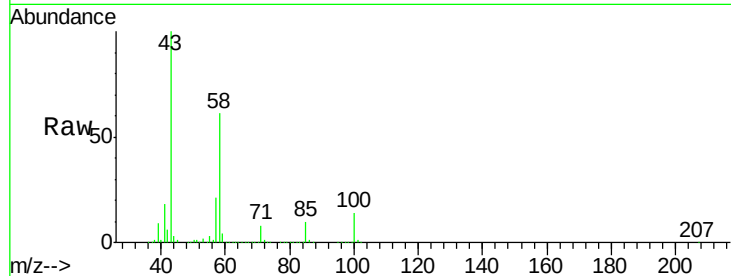
#59
2-Hexanone
Concen: 99.453 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.0	30.9	92.8

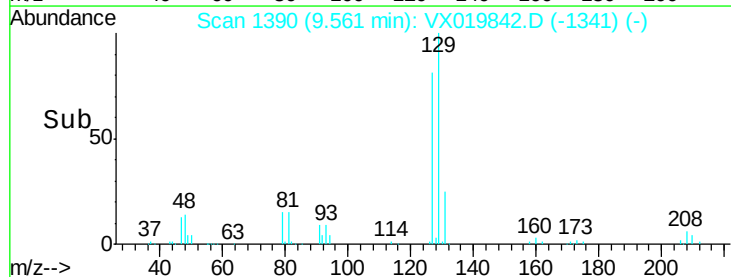
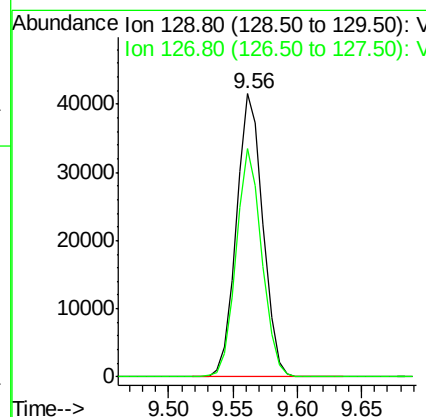
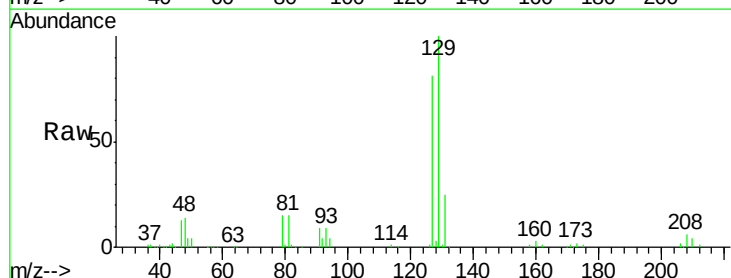
Manual Integrations
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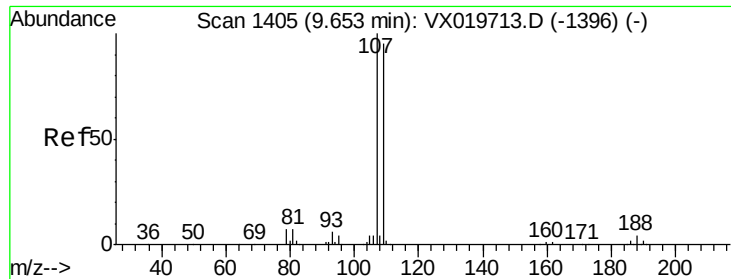
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#60
Dibromochloromethane
Concen: 19.288 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.3	38.4	115.2





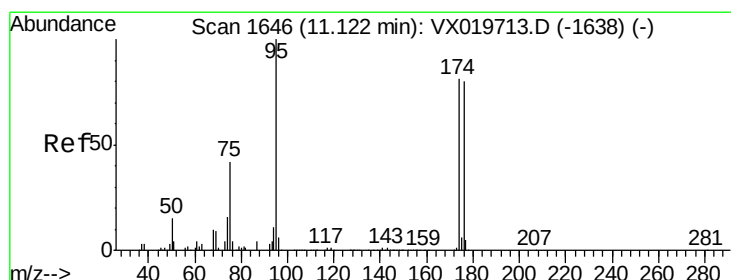
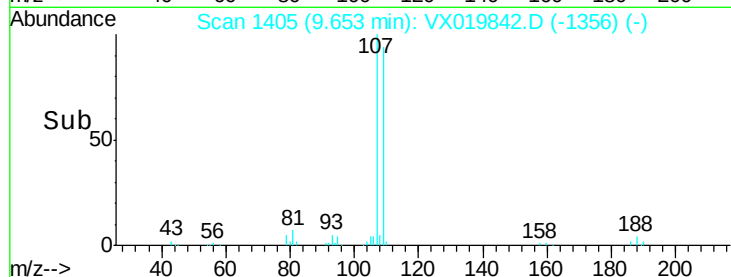
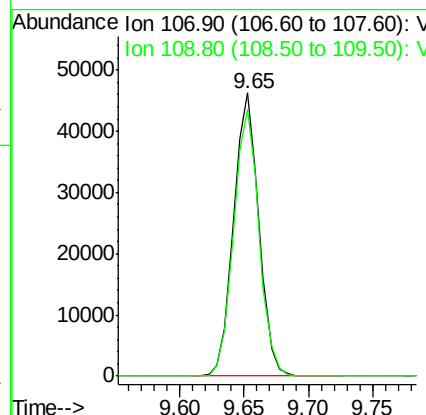
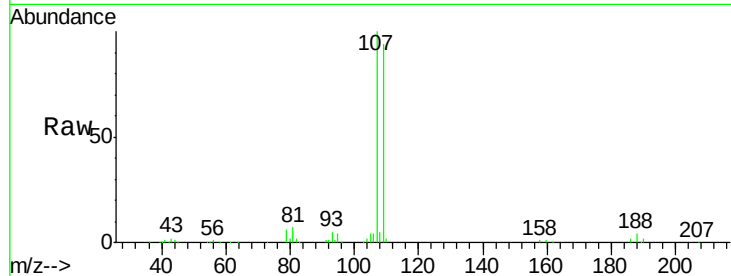
#61
 1,2-Dibromoethane
 Concen: 19.697 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019842.D
 Acq: 10 Dec 2020 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.8	113.6

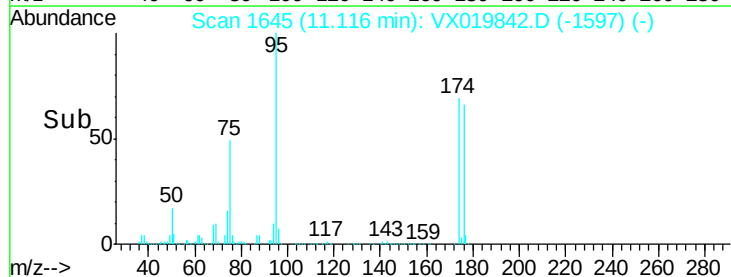
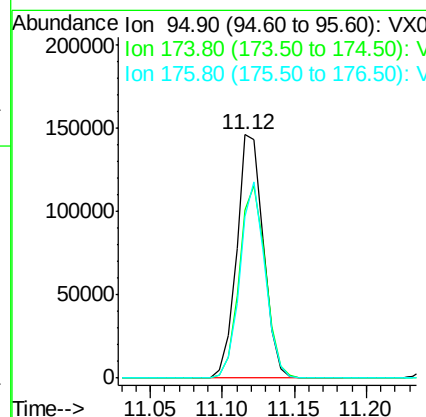
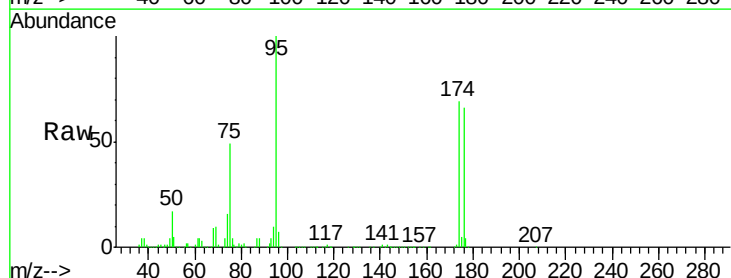
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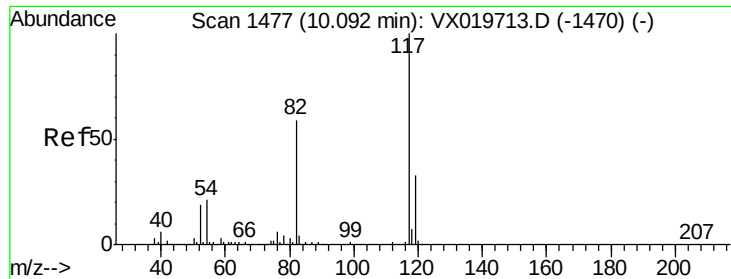
MMDadoda
 12/11/2020 5:36:33 PM



#62
 4-Bromofluorobenzene
 Concen: 46.287 ug/l
 RT: 11.12 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: VX019842.D
 Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	154.6
176	75.2	0.0	155.8





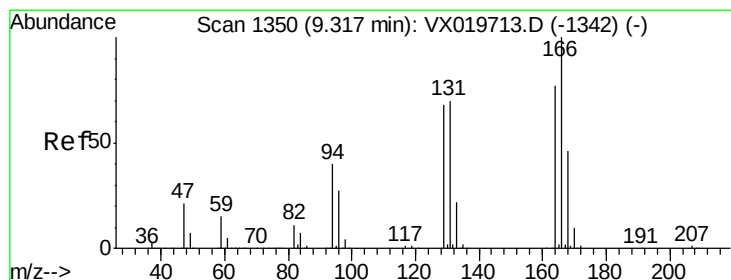
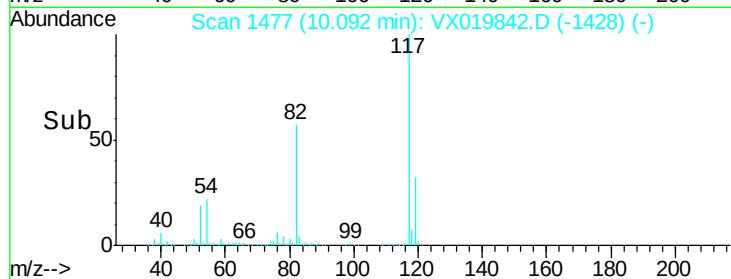
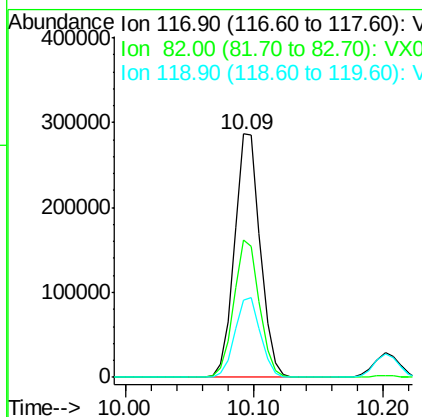
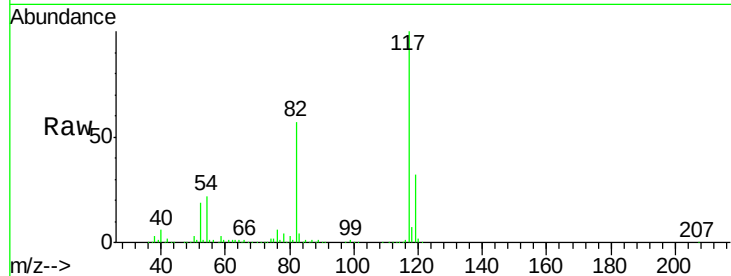
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	398043		
82	56.6	47.4	71.2	
119	31.8	26.6	39.8	

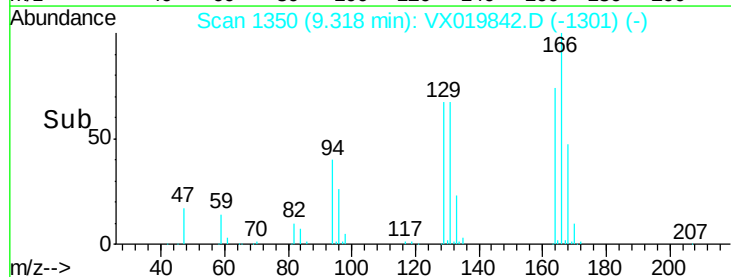
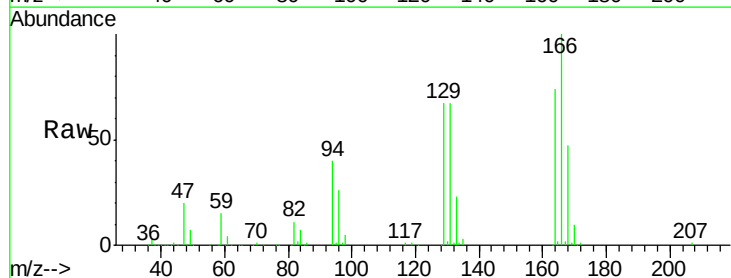
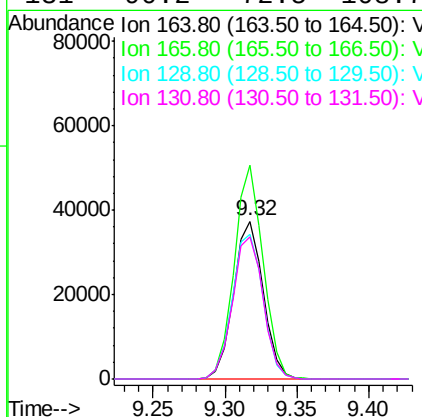
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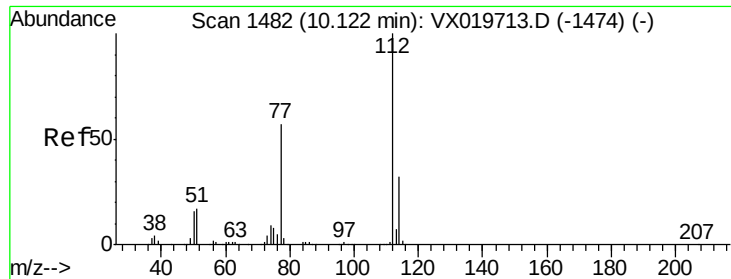
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#64
Tetrachloroethene
Concen: 20.175 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53853		
166	135.2	103.4	155.2	
129	91.2	70.8	106.2	
131	90.2	72.5	108.7	





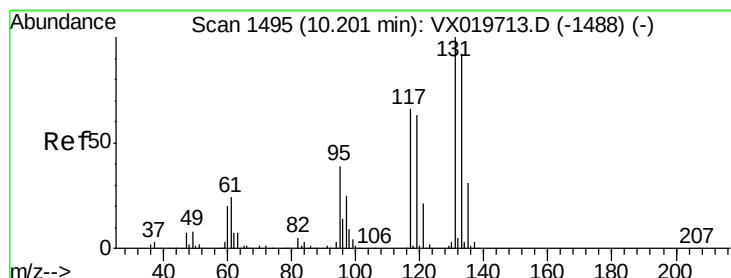
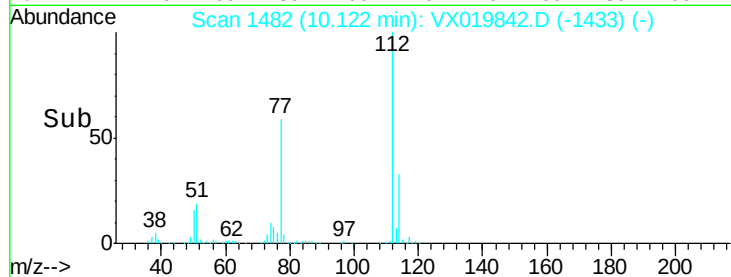
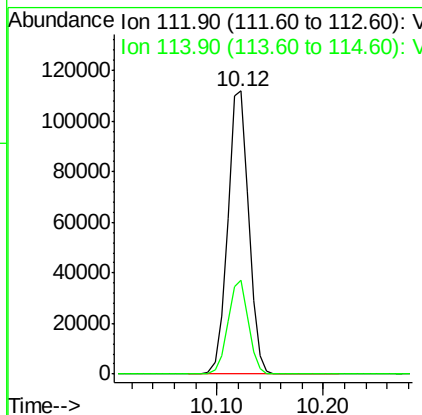
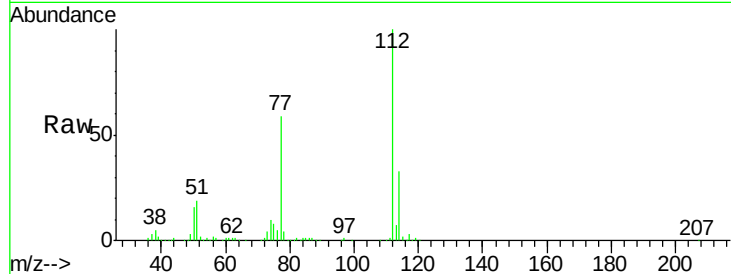
#65
Chlorobenzene
Concen: 19.515 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion:112 Resp: 154757
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.6

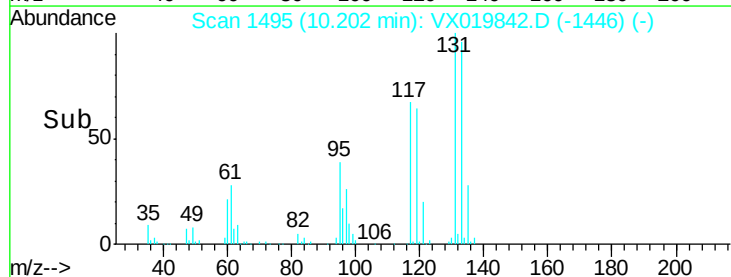
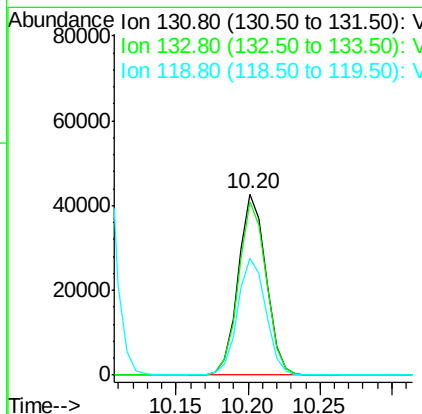
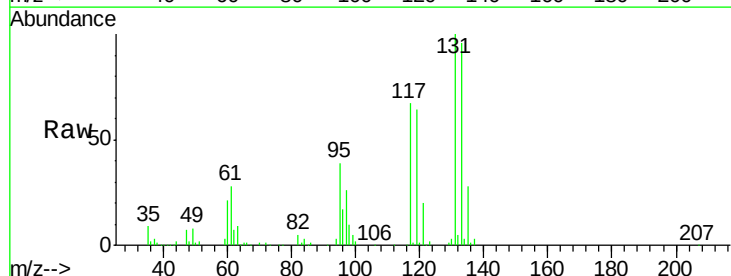
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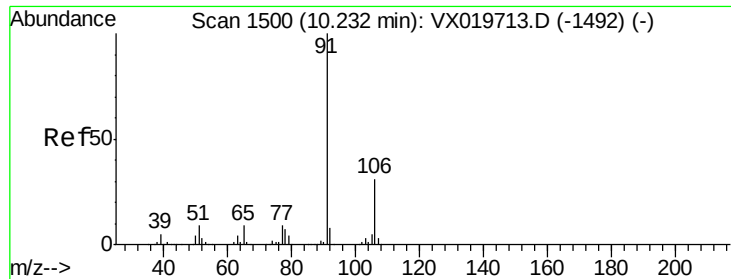
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.063 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion:131 Resp: 57266
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 65.6 32.1 96.5





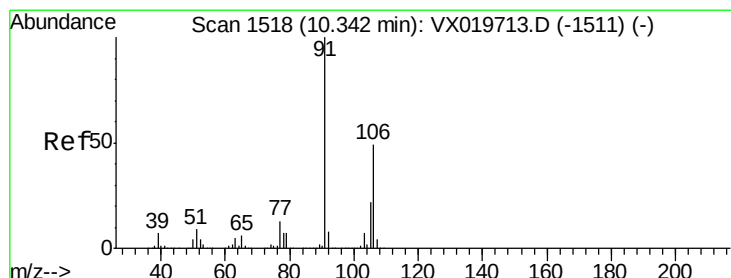
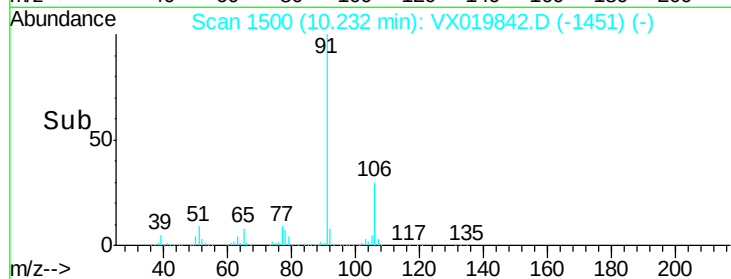
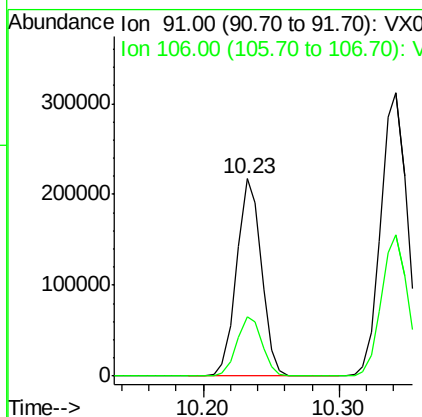
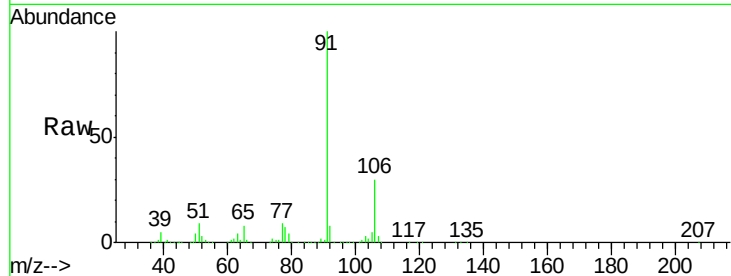
#67
Ethyl Benzene
Concen: 19.637 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion: 91 Resp: 276418
Ion Ratio Lower Upper
91 100
106 30.3 24.6 37.0

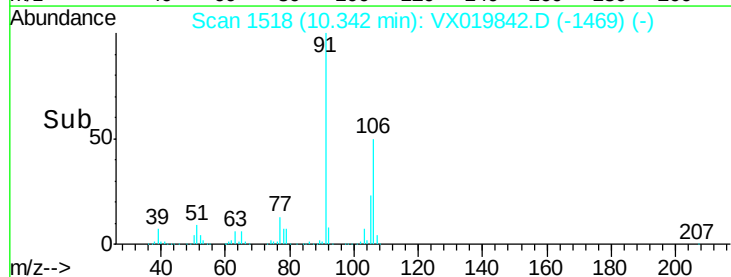
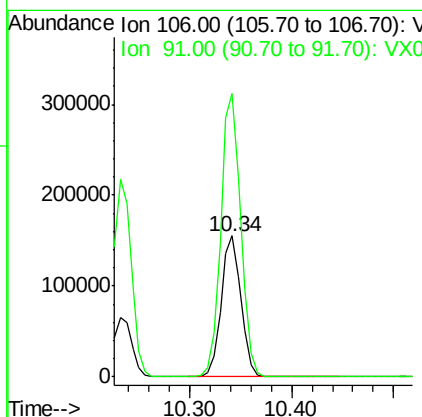
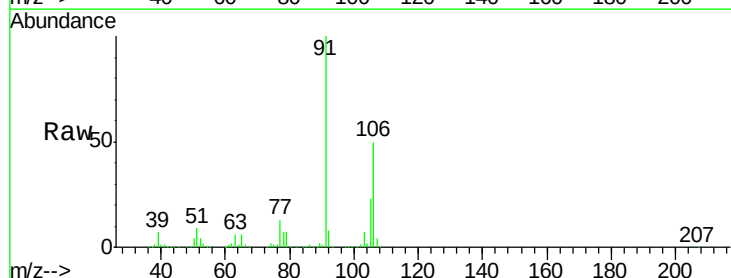
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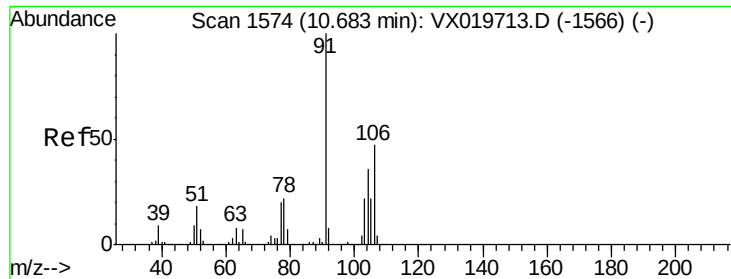
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#68
m/p-Xylenes
Concen: 39.209 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion: 106 Resp: 207969
Ion Ratio Lower Upper
106 100
91 203.7 162.8 244.2





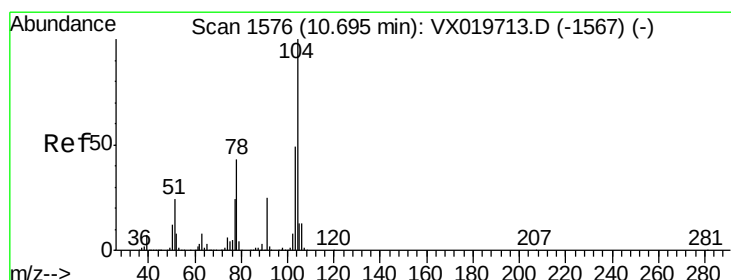
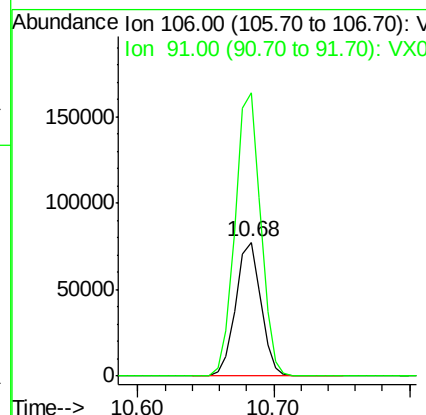
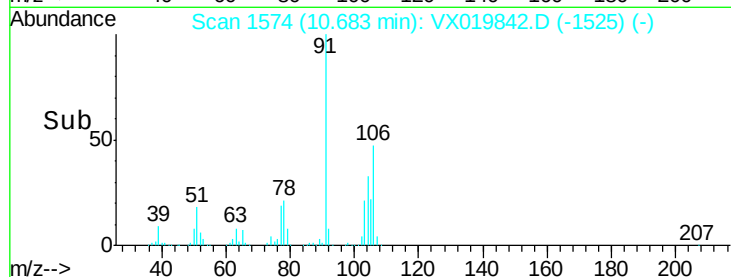
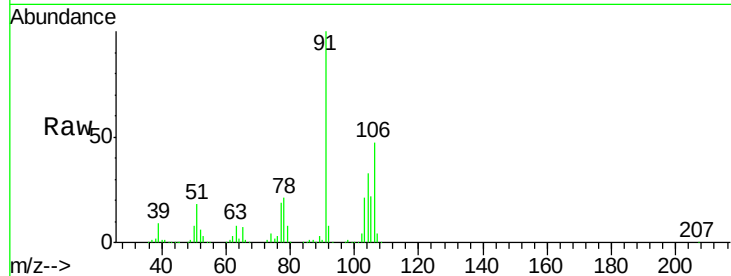
#69
o-Xylene
Concen: 19.614 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		100079		
91	214.3	108.1	324.2		

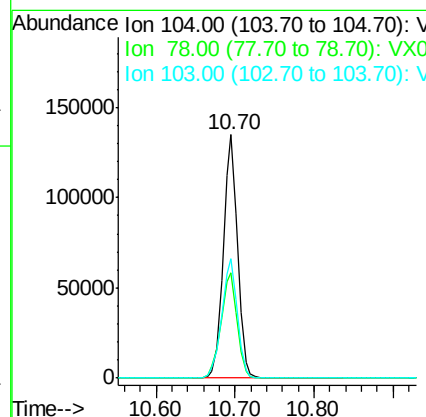
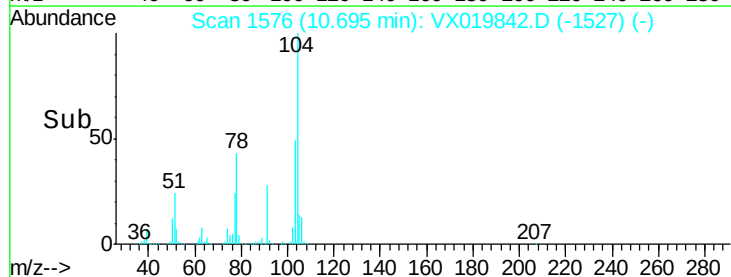
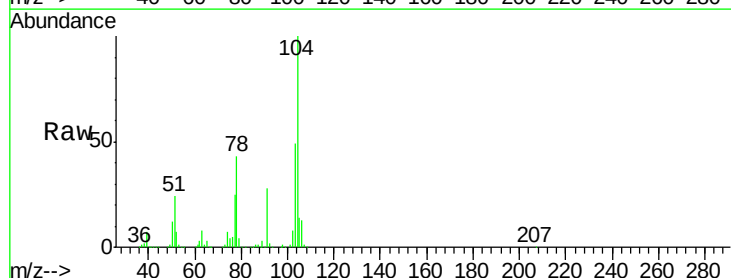
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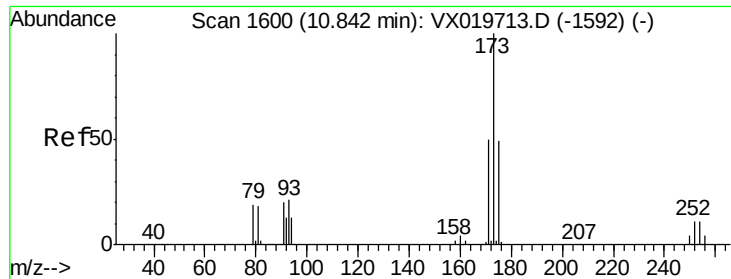
MMDadoda
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#70
Styrene
Concen: 19.748 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		170075		
78	49.0	40.0	60.0		
103	53.6	43.4	65.0		





#71

Bromoform

Concen: 19.192 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion:173 Resp: 43094

Ion Ratio Lower Upper

173 100

175 47.8 23.9 71.8

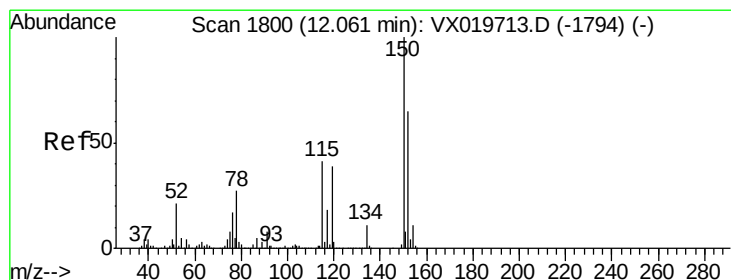
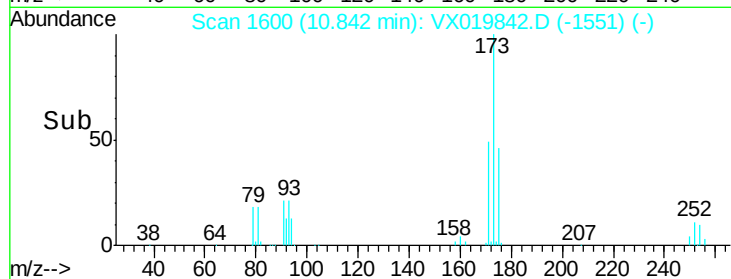
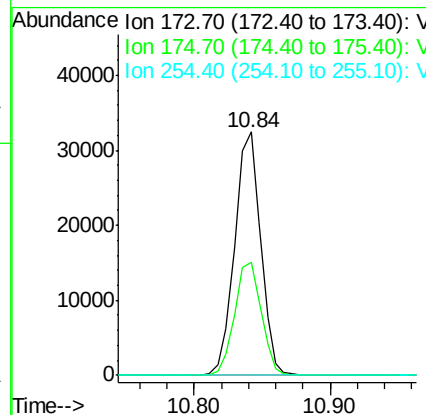
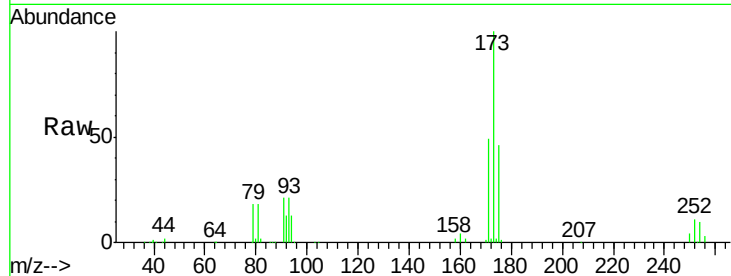
254 0.0 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

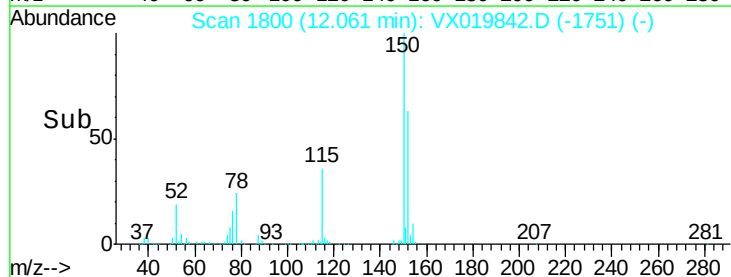
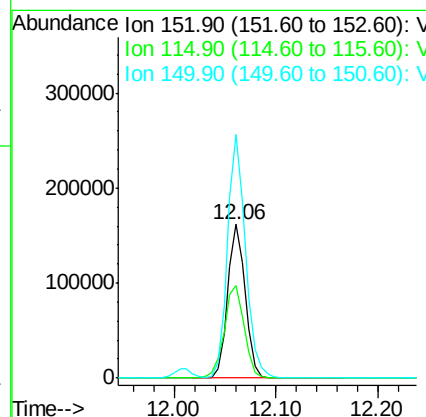
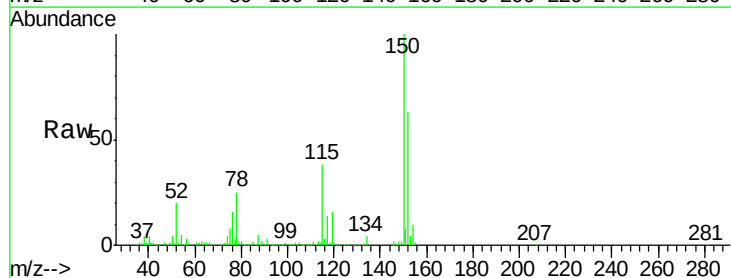
Tgt Ion:152 Resp: 192983

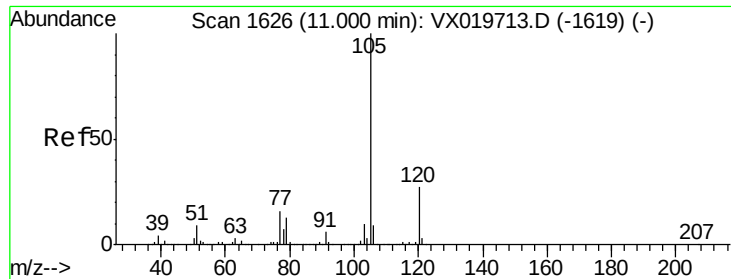
Ion Ratio Lower Upper

152 100

115 68.9 41.1 123.3

150 162.8 0.0 349.0





#73

Isopropylbenzene

Concen: 20.428 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion:105 Resp: 269331

Ion Ratio Lower Upper

105 100

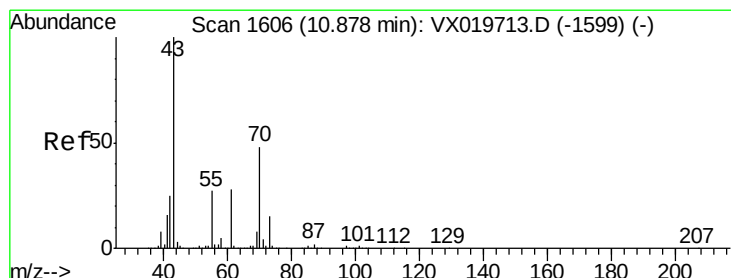
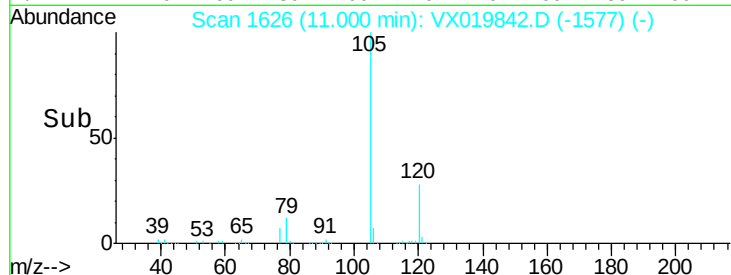
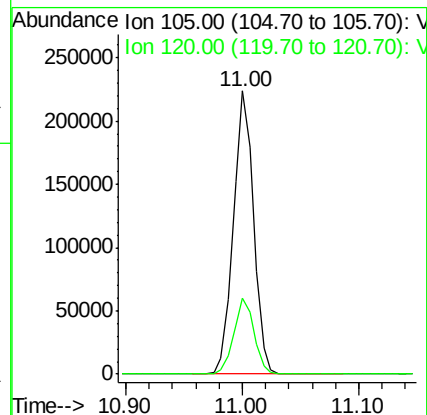
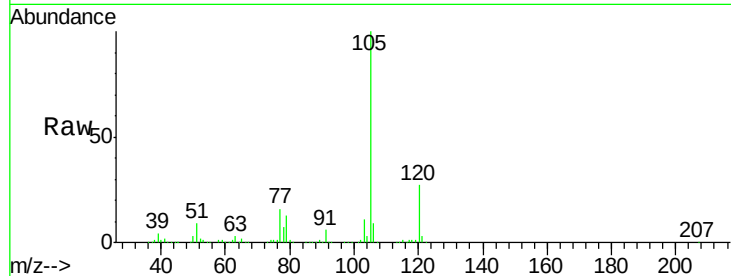
120 26.8 13.2 39.6

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#74

N-ethyl acetate

Concen: 19.341 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Tgt Ion: 43 Resp: 102190

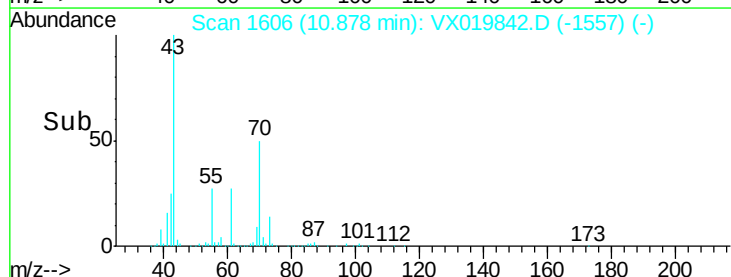
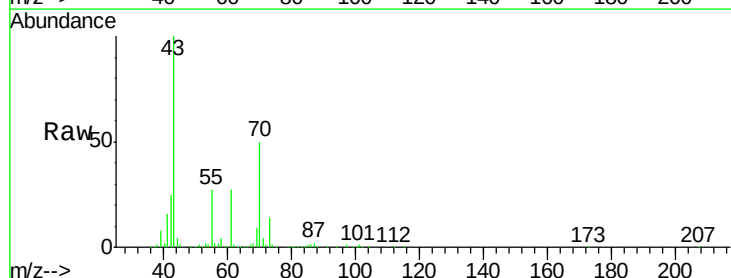
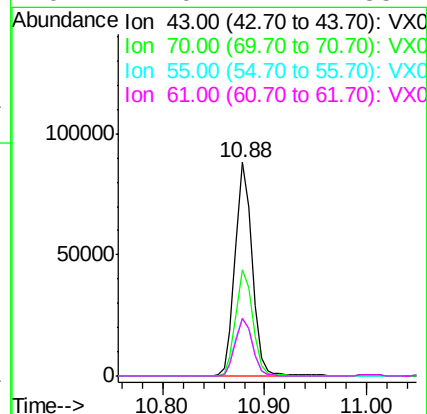
Ion Ratio Lower Upper

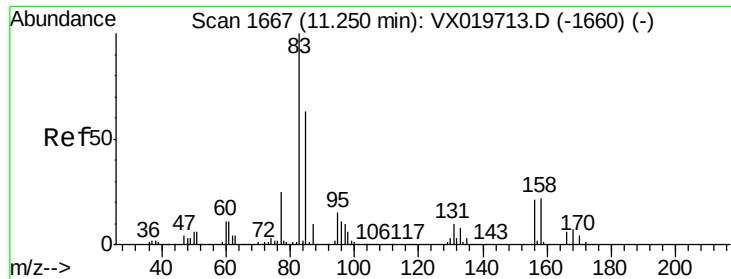
43 100

70 49.9 39.0 58.6

55 28.1 21.5 32.3

61 27.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.643 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Instrument :

MSVOA_X

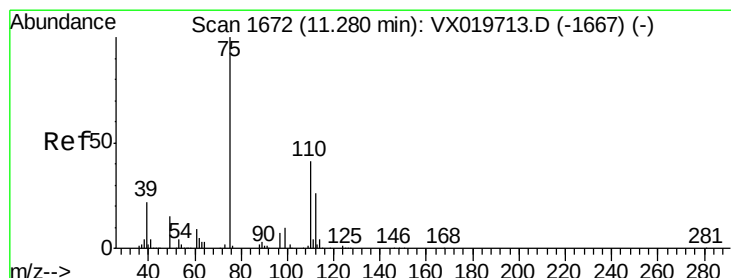
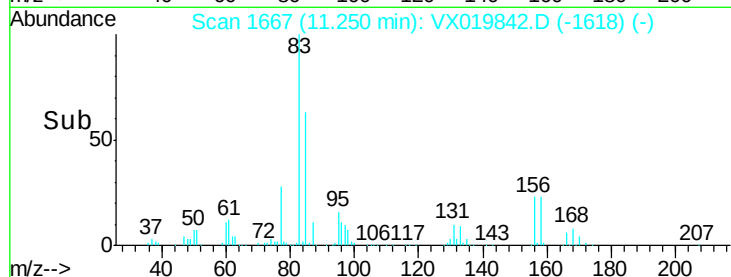
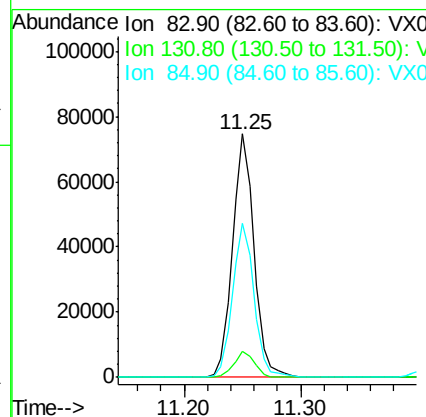
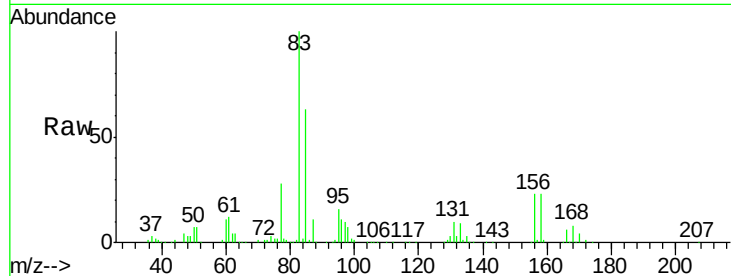
ClientSampleId :

VX1210WBSD02

Tot Ion:	83	Resp:	95954
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.2
85	63.3	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 20.328 ug/l m

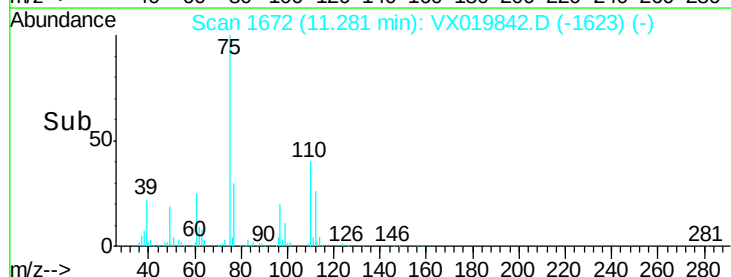
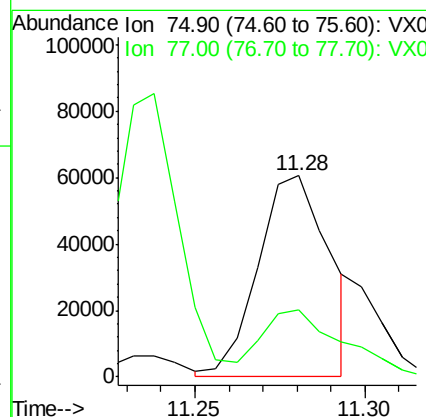
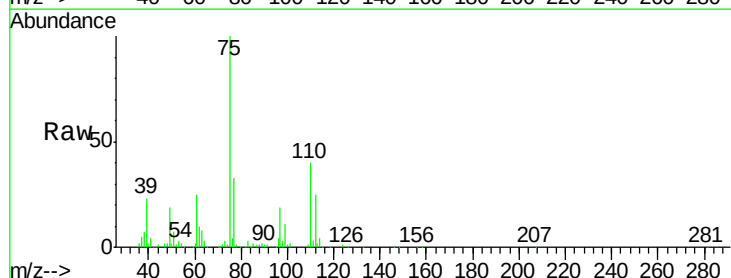
RT: 11.28 min Scan# 1672

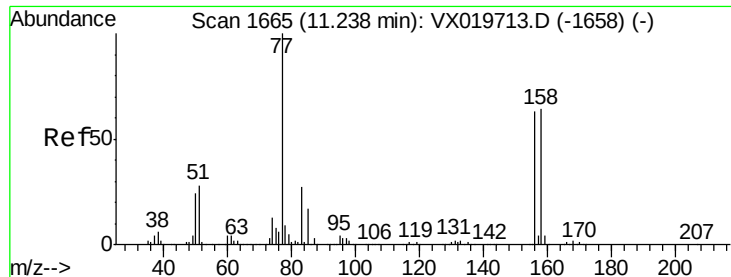
Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Tgt Ion:	75	Resp:	87986
Ion	Ratio	Lower	Upper
75	100		
77	38.0	19.1	57.5





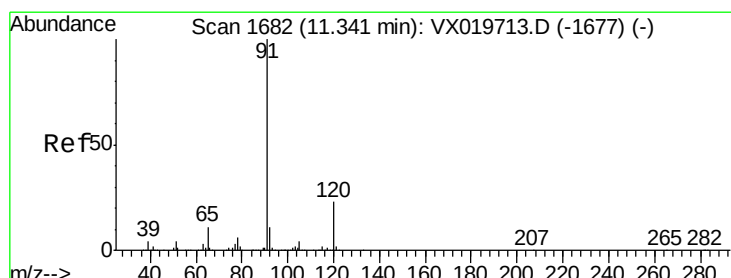
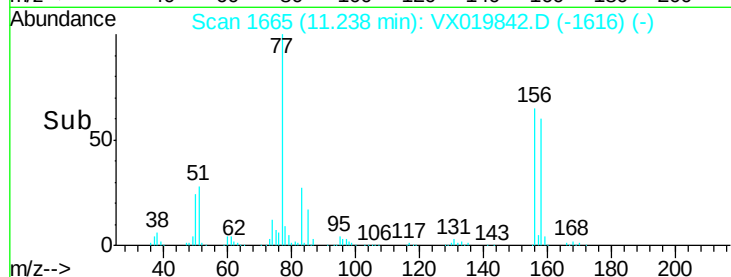
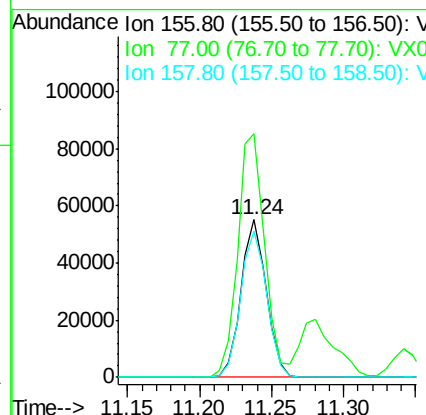
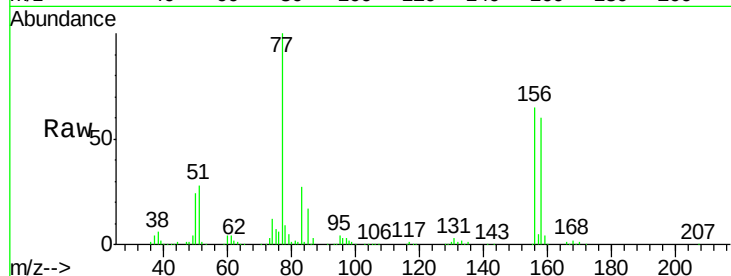
#77
Bromobenzene
Concen: 20.047 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	165.9	82.8	248.6
158	96.2	49.1	147.4

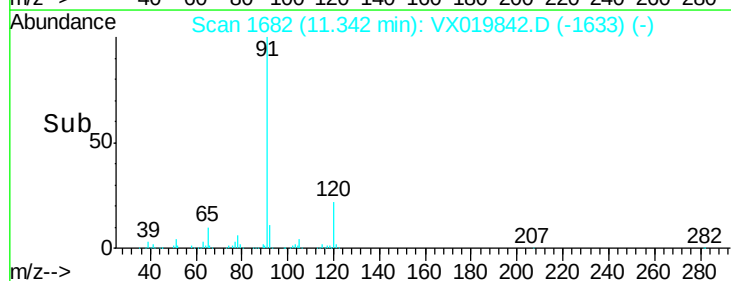
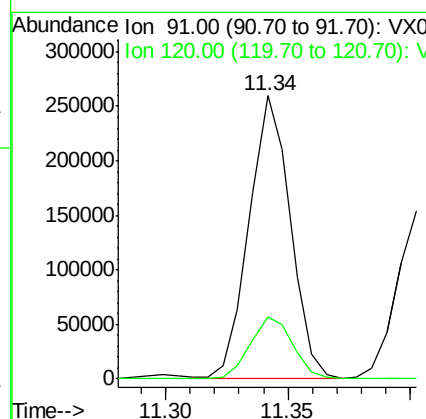
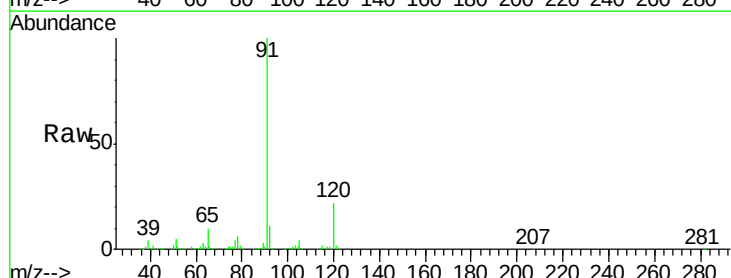
Manual Integrations
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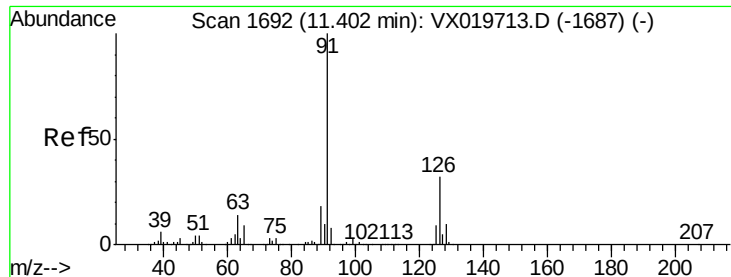
MMDadoda
12/11/2020 5:36:33 PM



#78
n-propylbenzene
Concen: 20.245 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.5	34.5





#79

2-Chlorotoluene

Concen: 20.088 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion: 91 Resp: 186283

Ion Ratio Lower Upper

91 100

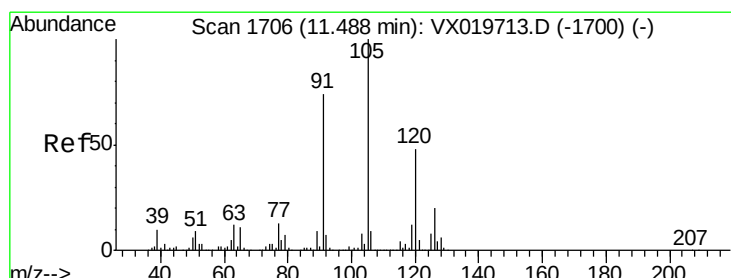
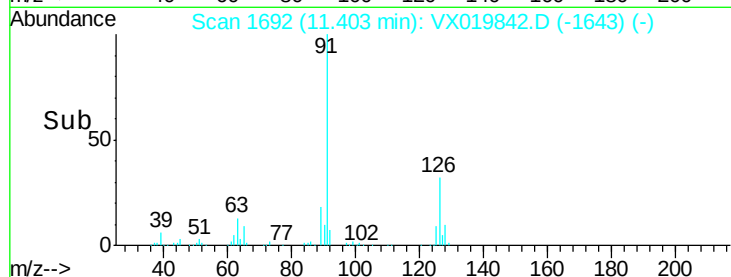
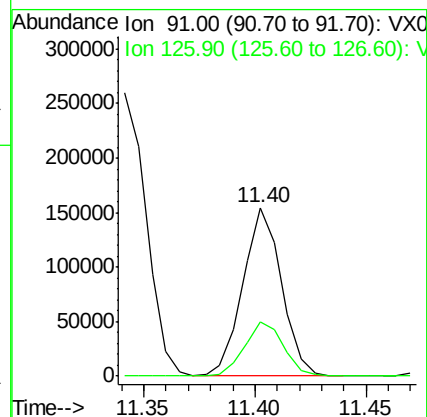
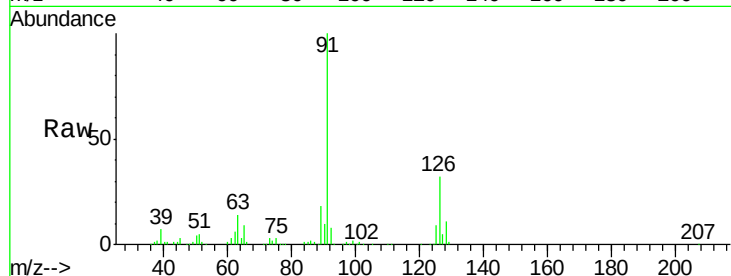
126 33.0 16.6 49.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.412 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019842.D

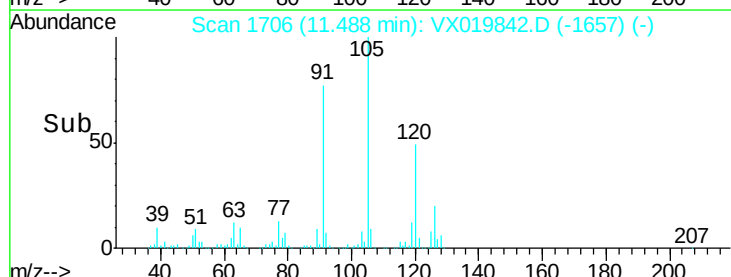
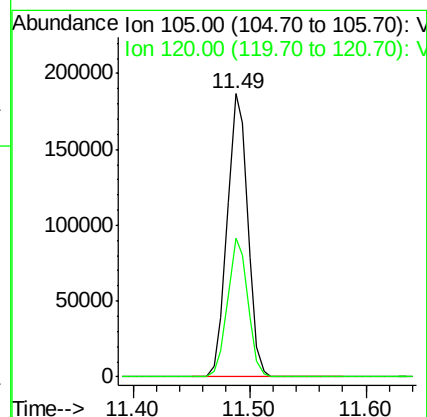
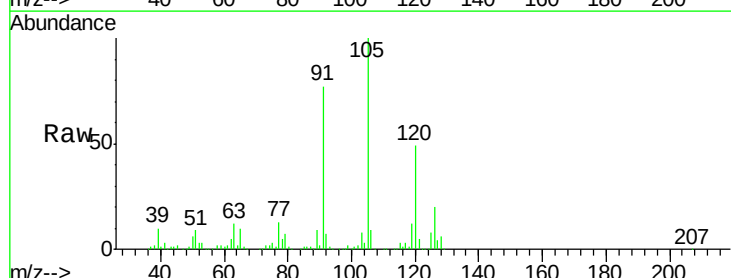
Acq: 10 Dec 2020 22:51

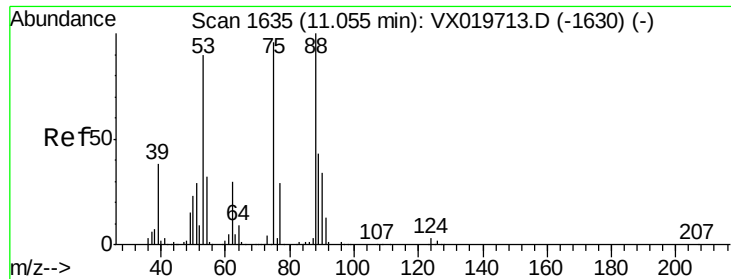
Tgt Ion: 105 Resp: 227134

Ion Ratio Lower Upper

105 100

120 48.0 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 17.881 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Instrument :

MSVOA_X

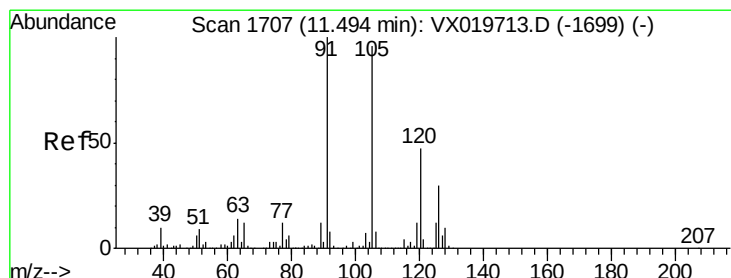
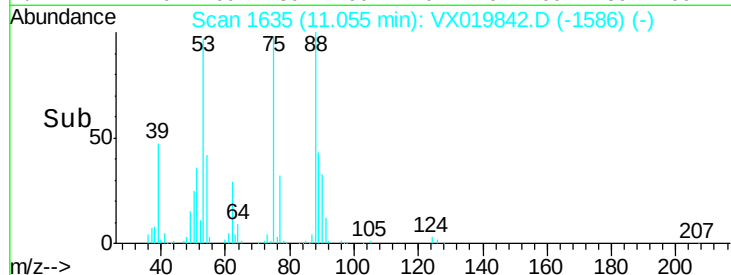
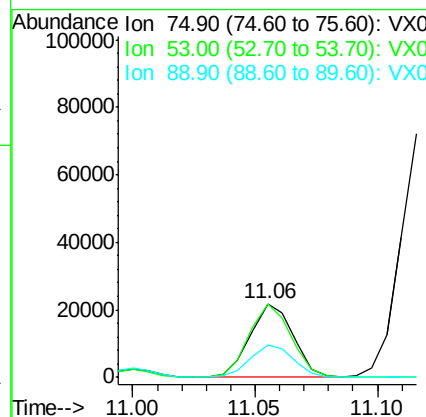
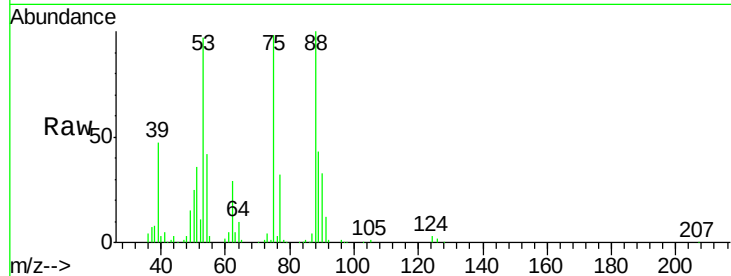
ClientSampleId :

VX1210WBSD02

Tot Ion:	75	Resp:	26773
Ion Ratio	Lower	Upper	
75	100		
53	99.0	74.5	111.7
89	44.3	37.9	56.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.896 ug/l

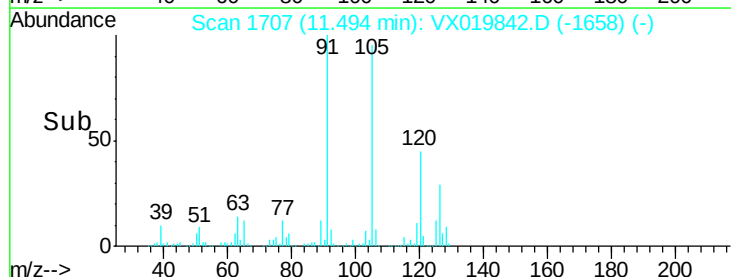
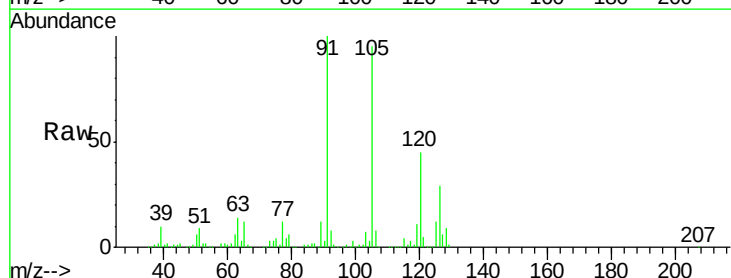
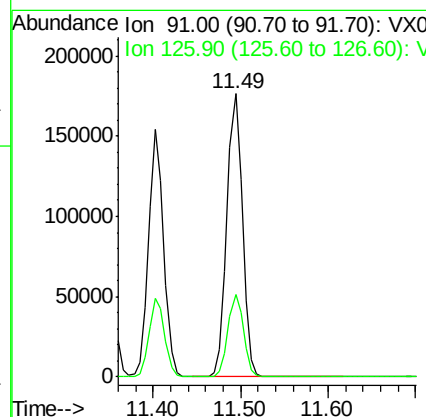
RT: 11.49 min Scan# 1707

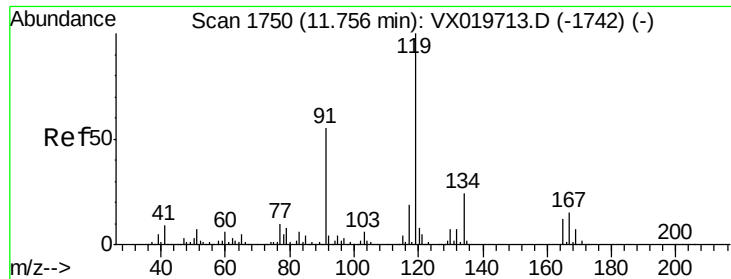
Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Tgt Ion:	91	Resp:	216083
Ion Ratio	Lower	Upper	
91	100		
126	29.2	14.9	44.5





#83

tert-Butylbenzene

Concen: 19.899 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Instrument :

MSVOA_X

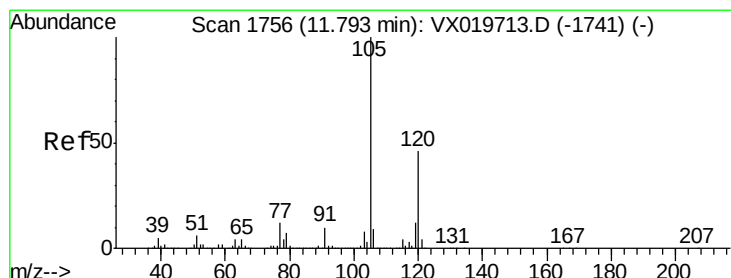
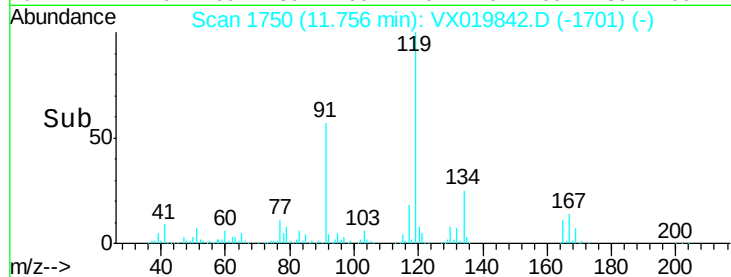
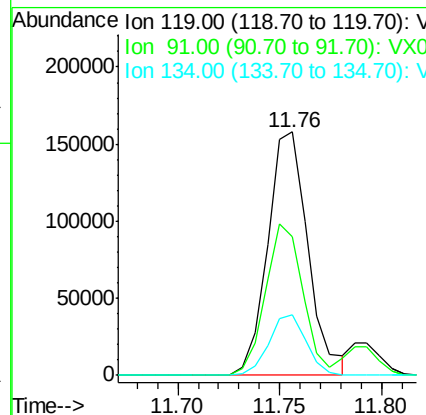
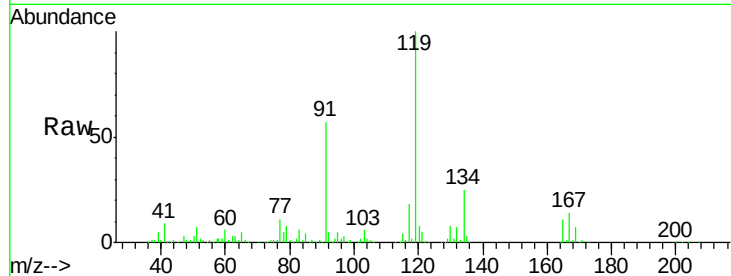
ClientSampleId :

VX1210WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	217159		
91	58.1	27.9	83.7	
134	23.2	11.3	33.9	

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.167 ug/l

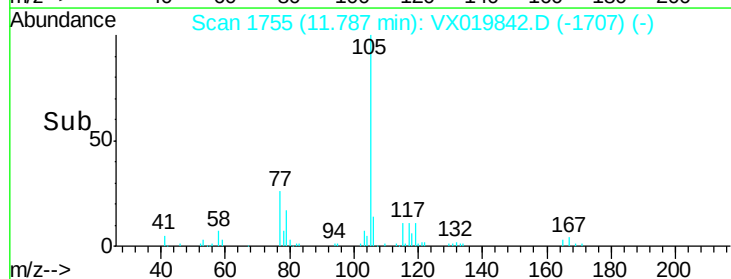
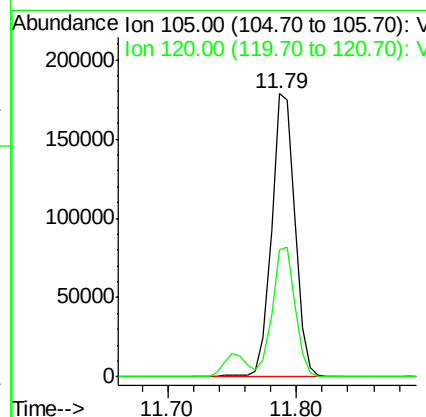
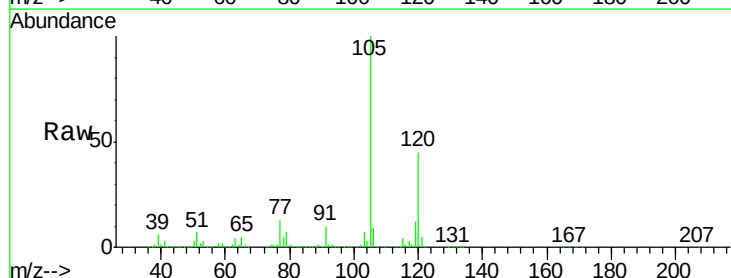
RT: 11.79 min Scan# 1755

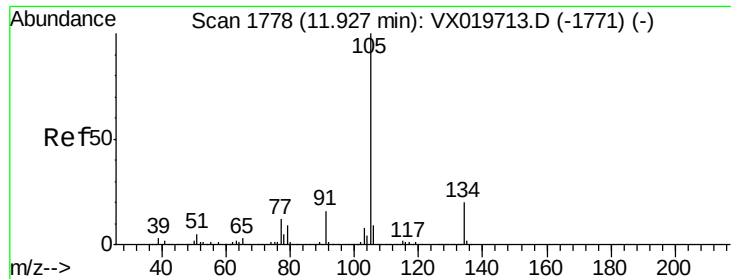
Delta R.T. -0.01 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	226045		
120	44.8	22.4	67.3	





#85

sec-Butylbenzene

Concen: 20.414 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion:105 Resp: 254351

Ion Ratio Lower Upper

105 100

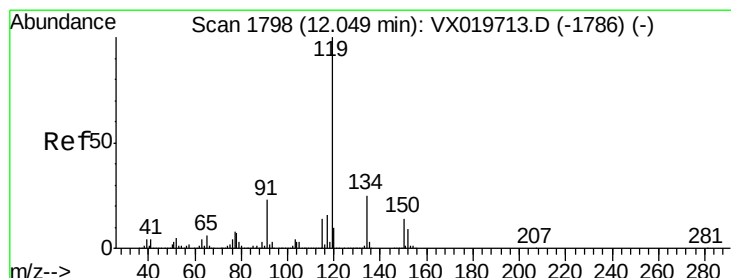
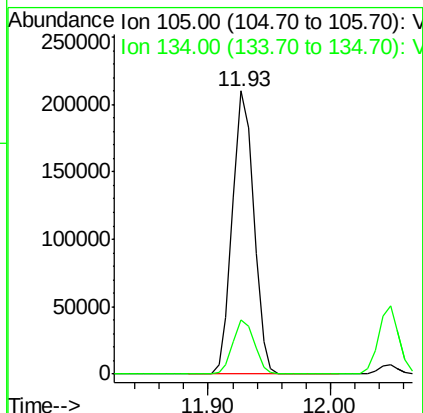
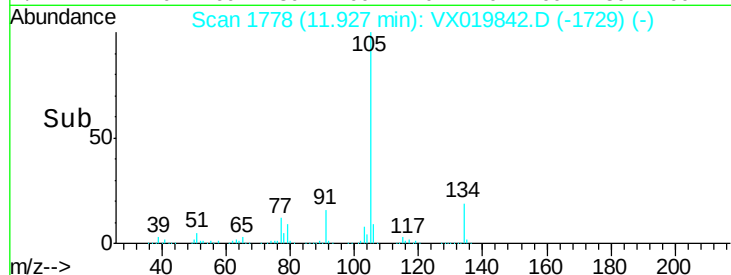
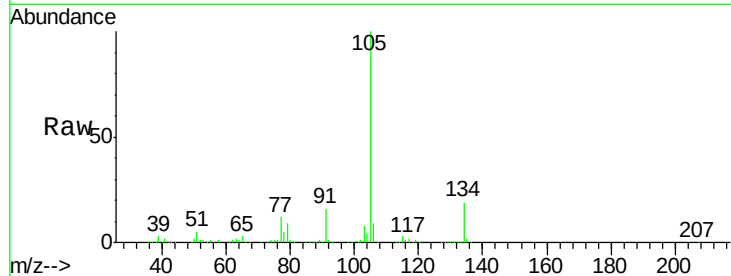
134 19.4 10.0 29.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.090 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

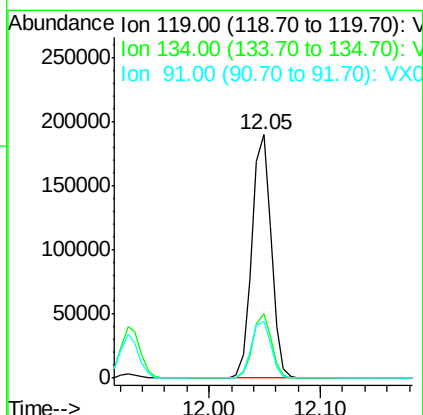
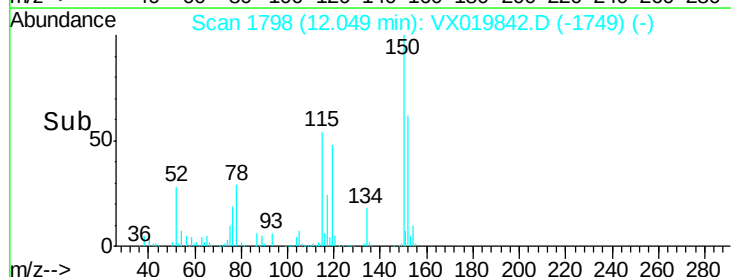
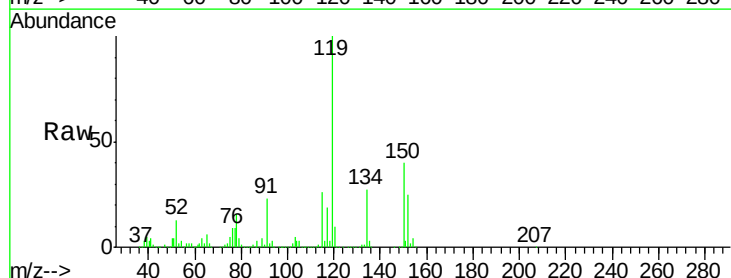
Tgt Ion:119 Resp: 229412

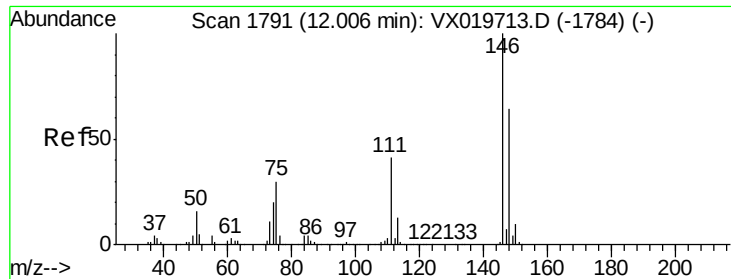
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 23.9 11.7 35.0





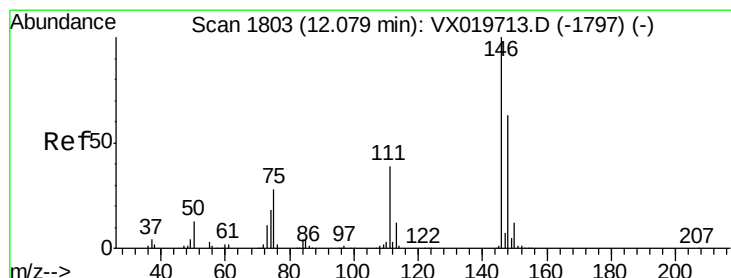
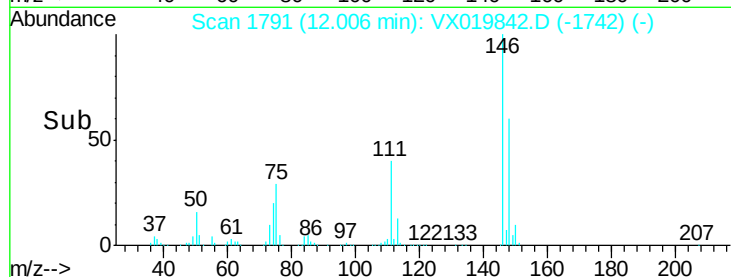
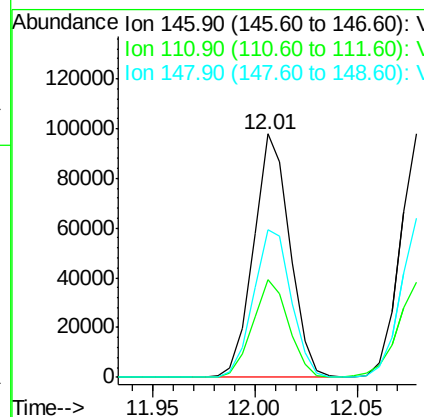
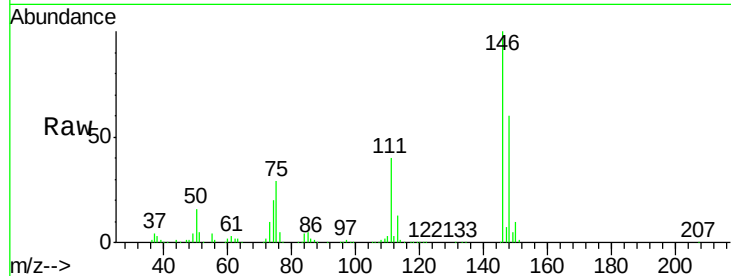
#87
 1,3-Dichlorobenzene
 Concen: 19.509 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019842.D
 Acq: 10 Dec 2020 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.2	60.5
148	63.0	31.9	95.7

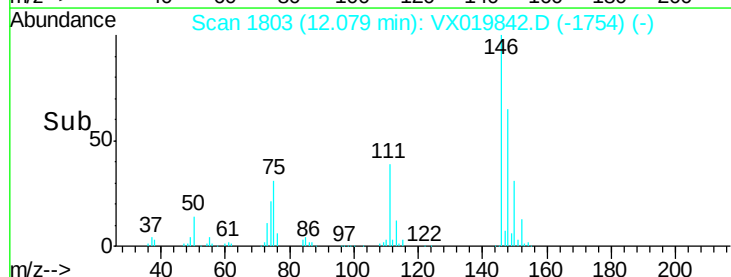
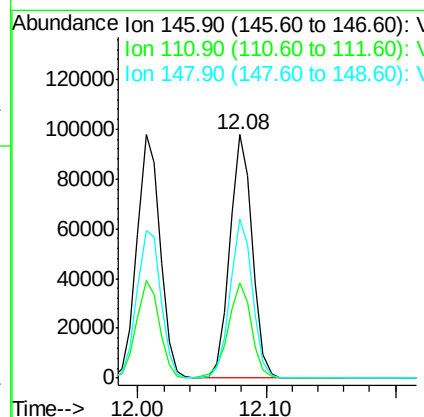
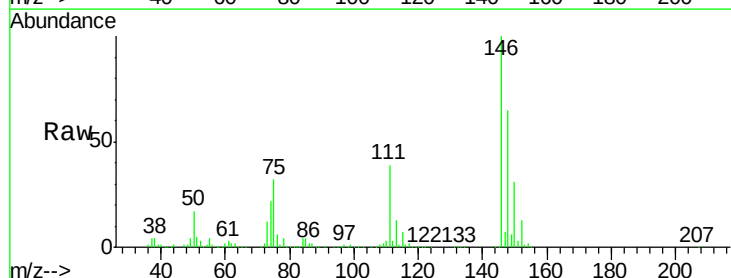
Manual Integrations
 APPROVED

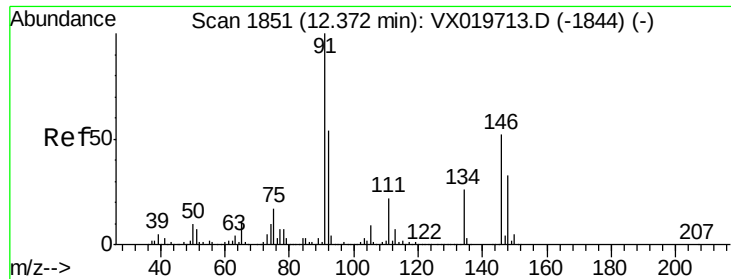
MMDadoda
 12/11/2020 5:36:33 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.069 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019842.D
 Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.6	58.8
148	64.9	31.6	95.0





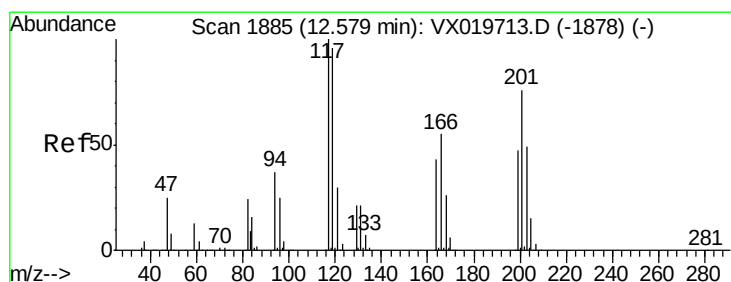
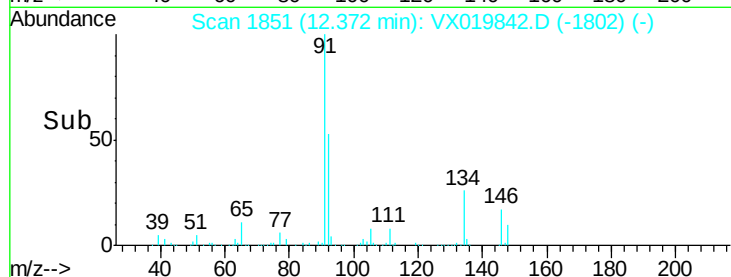
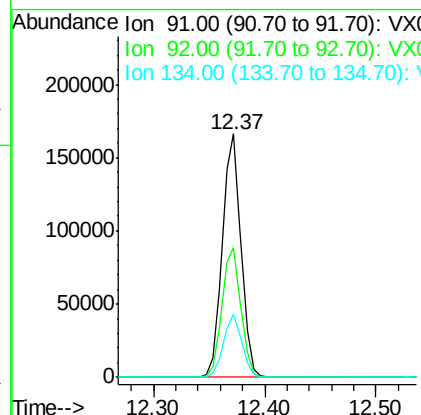
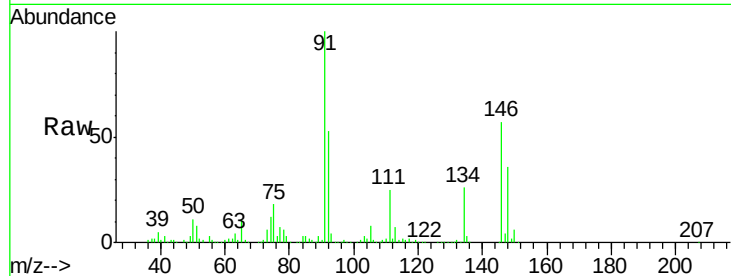
#89
n-Butylbenzene
Concen: 18.950 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.4	82.0
134	25.6	13.2	39.5

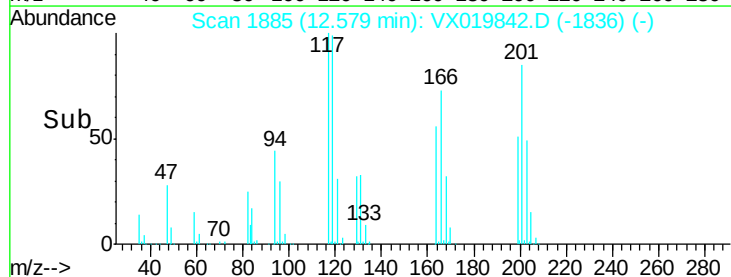
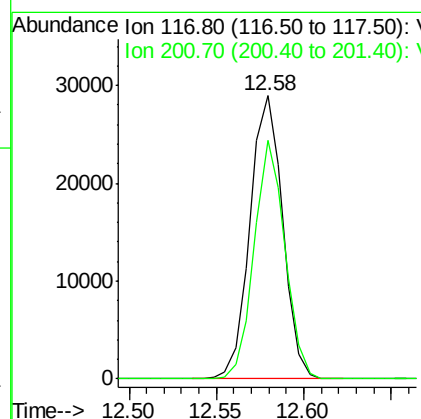
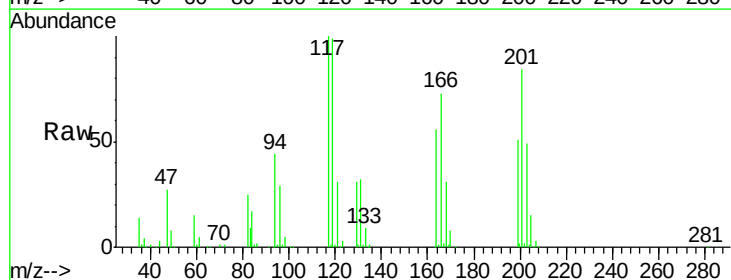
Manual Integrations
APPROVED

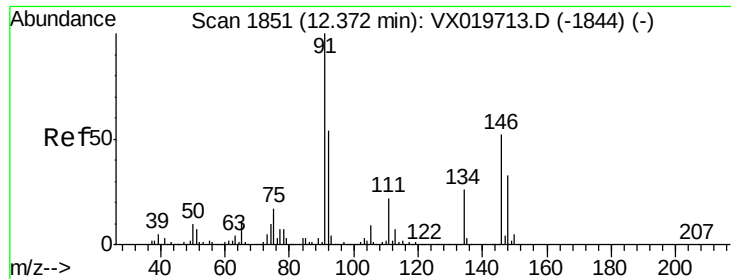
MMDadoda
12/11/2020 5:36:33 PM



#90
Hexachloroethane
Concen: 19.132 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019842.D
Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.7	40.4	121.2





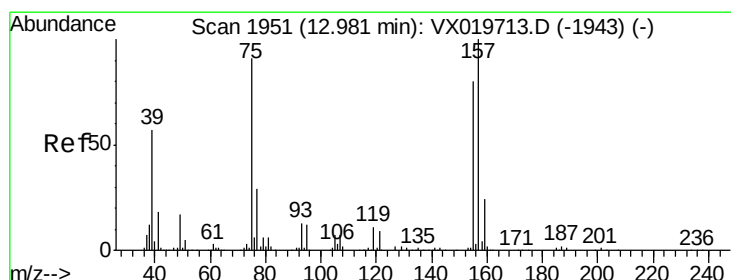
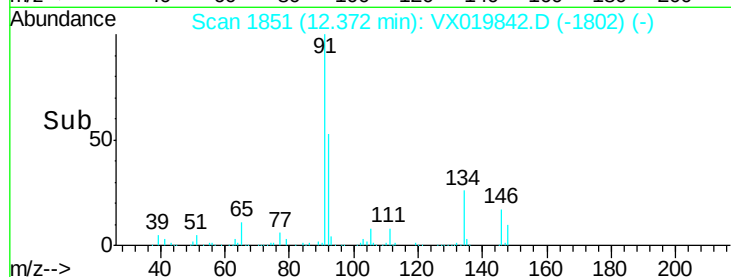
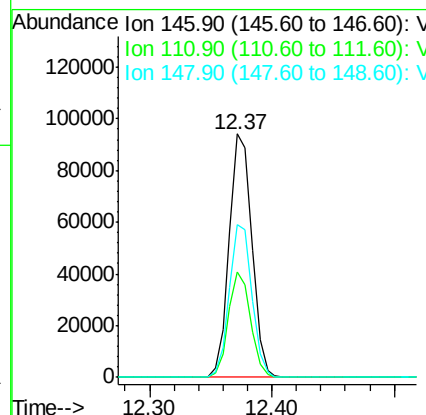
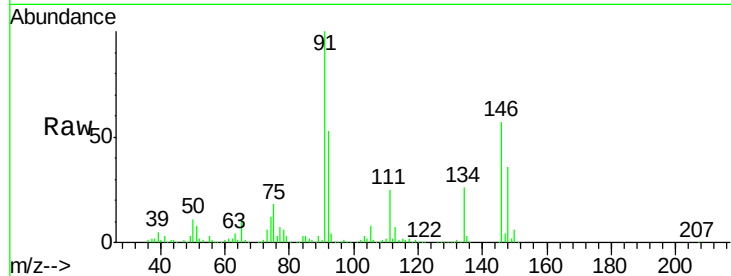
#91
 1,2-Dichlorobenzene
 Concen: 20.001 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019842.D
 Acq: 10 Dec 2020 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.8	62.2
148	62.6	31.9	95.5

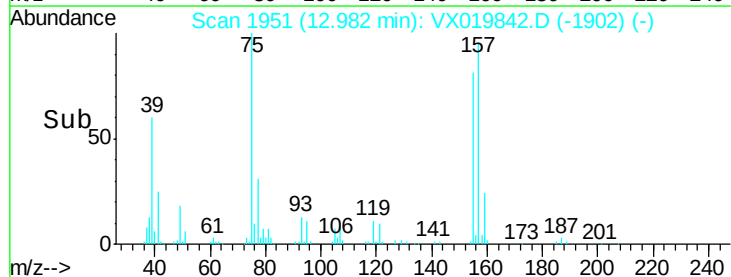
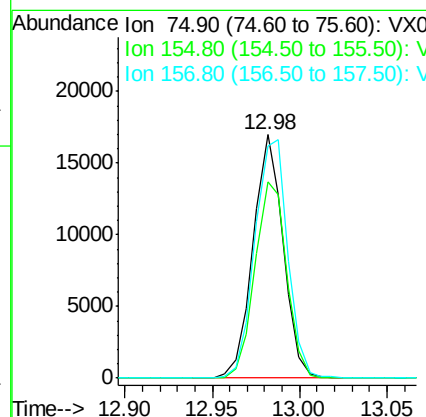
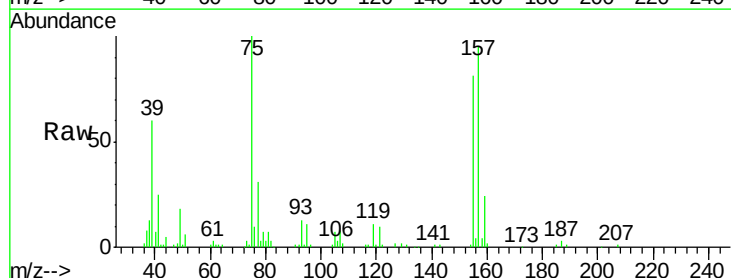
Manual Integrations
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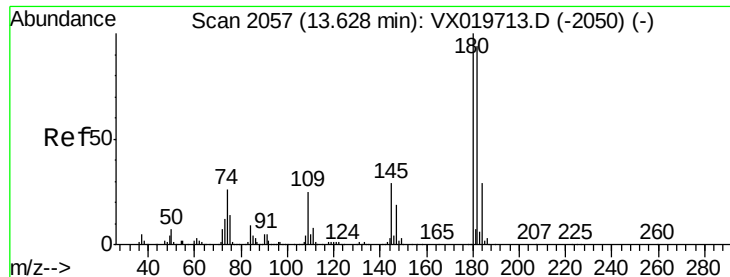
MMDadoda
 12/11/2020 5:36:33 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.428 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019842.D
 Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.9	45.3	135.9
157	107.1	57.7	173.1





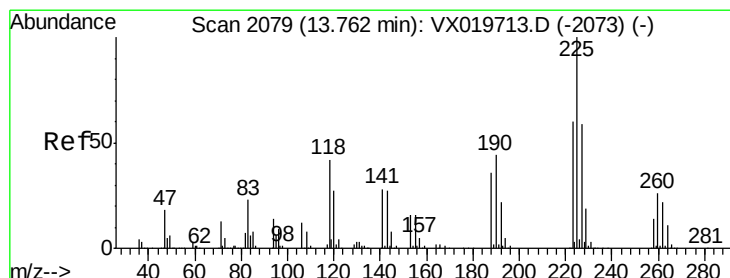
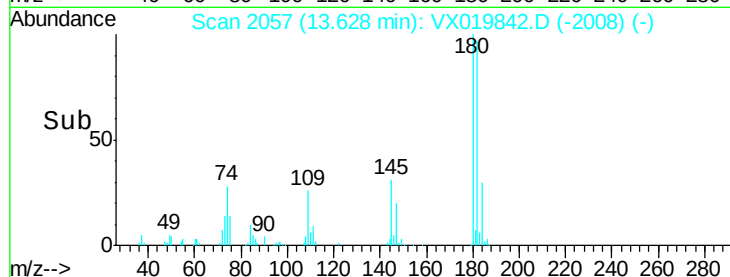
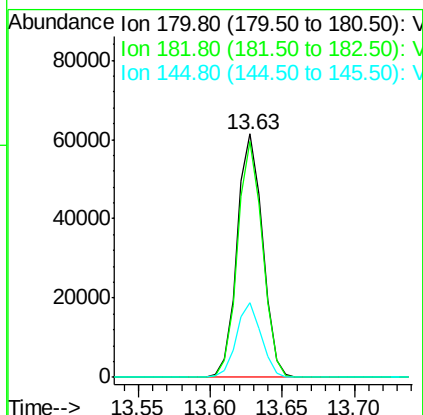
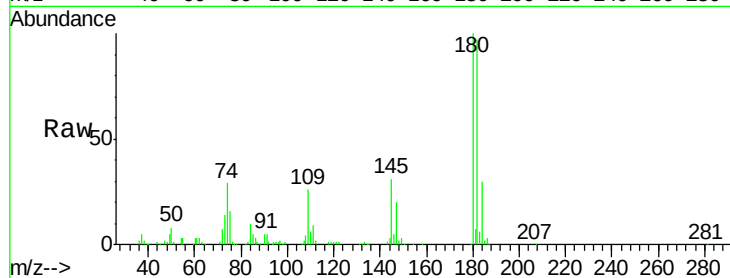
#93
 1,2,4-Trichlorobenzene
 Concen: 19.270 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019842.D
 Acq: 10 Dec 2020 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.7	143.1
145	29.8	15.0	45.0

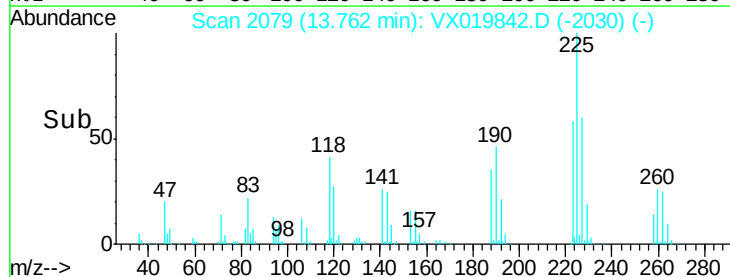
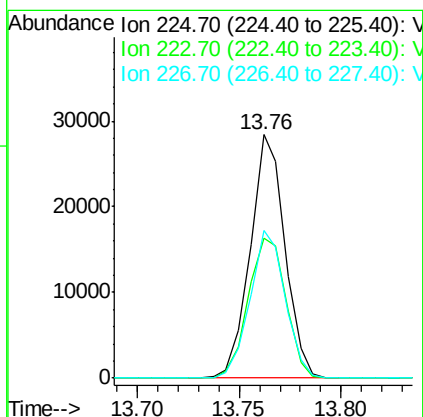
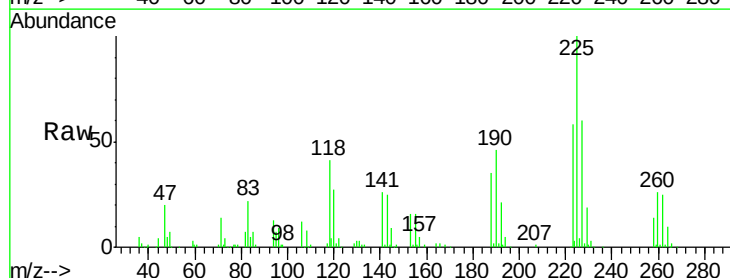
Manual Integrations
 APPROVED

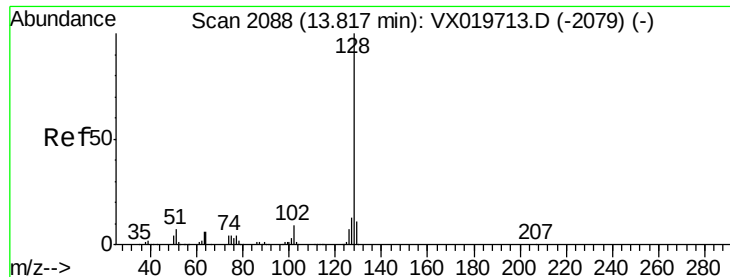
MMDadoda
 12/11/2020 5:36:33 PM



#94
 Hexachlorobutadiene
 Concen: 19.167 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019842.D
 Acq: 10 Dec 2020 22:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.2
227	61.5	31.6	95.0





#95

Naphthalene

Concen: 20.038 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Instrument :

MSVOA_X

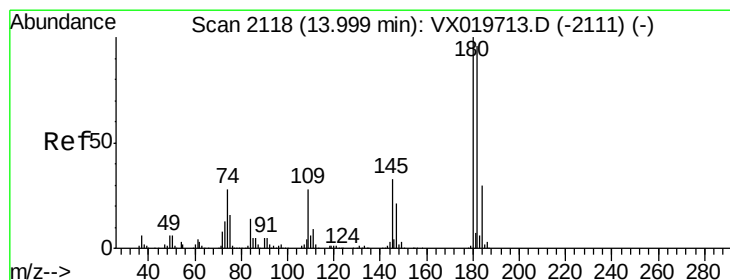
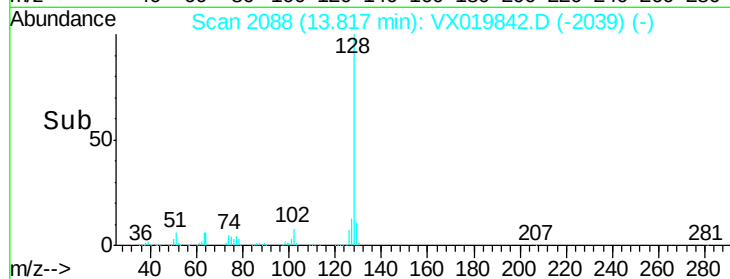
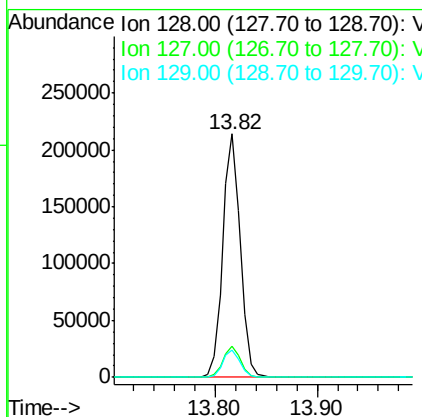
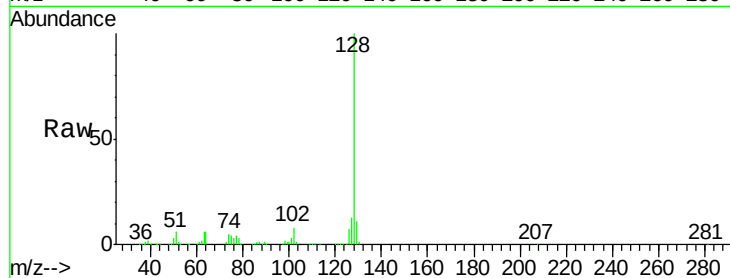
ClientSampleId :

VX1210WBSD02

Tot Ion:	128	Resp:	255281
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.3	15.5
129	11.2	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/11/2020 5:36:33 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.559 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019842.D

Acq: 10 Dec 2020 22:51

Tgt Ion:	180	Resp:	78954
Ion Ratio	Lower	Upper	
180	100		
182	92.6	47.6	142.9
145	31.8	16.1	48.3

