

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\
 Data File : VX018594.D
 Acq On : 25 Sep 2020 14:50
 Operator : JC/SP
 Sample : VX0925WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 12:50:03 PM

Quant Time: Sep 28 02:12:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	86397	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	455632	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	436655	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	208443	30.58	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.93%
60) 4-Bromofluorobenzene	11.12	95	222635	29.42	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.07%
63) Toluene-d8	8.70	98	560955	29.15	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	82819	18.116	ug/l 96
3) Chloromethane	1.31	50	78587	16.183	ug/l 100
4) Vinyl Chloride	1.39	62	95259	18.629	ug/l 99
5) Bromomethane	1.64	94	42764	12.292	ug/l 97
6) Chloroethane	1.71	64	67155	21.608	ug/l 95
7) Trichlorofluoromethane	1.92	101	163298	18.844	ug/l 98
8) Diethyl Ether	2.17	74	51741	18.939	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	81337	18.371	ug/l 97
10) 1,1-Dichloroethene	2.36	96	83246	19.154	ug/l 96
11) Methyl Iodide	2.50	142	77975	19.402	ug/l 97
12) Methyl Acetate	2.75	43	111298	19.454	ug/l 94
13) Acrolein	2.28	56	20747	44.935	ug/l 97
14) Acrylonitrile	3.12	53	236871	91.376	ug/l 99
15) Acetone	2.43	58	73880	104.823	ug/l 82
16) Carbon Disulfide	2.56	76	241503	19.084	ug/l 97
17) Allyl chloride	2.71	41	146283	18.831	ug/l 98
18) Methylene Chloride	2.84	84	92924	18.217	ug/l 93
19) trans-1,2-Dichloroethene	3.15	96	90198	18.692	ug/l 97
20) Diisopropyl ether	3.82	45	284997	18.532	ug/l 92
21) 1,1-Dichloroethane	3.68	63	164302	18.613	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	100686	18.859	ug/l 94
23) tert-Butyl Alcohol	3.03	59	86003	76.559	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	287582	18.612	ug/l 99
25) Chloroform	5.17	83	177182	18.808	ug/l 99
26) Cyclohexane	5.56	56	133406	18.724	ug/l # 51
29) 1,1-Dichloropropene	5.77	75	124970	17.968	ug/l 99
30) 2-Butanone	4.64	43	339281	89.092	ug/l 98
31) 2,2-Dichloropropane	4.55	77	163646	19.479	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	164385	18.057	ug/l 99
33) Carbon Tetrachloride	5.76	117	150578	17.751	ug/l 95
34) Benzene	6.11	78	355317	17.897	ug/l 97
35) Methacrylonitrile	5.01	41	70514	17.570	ug/l 95
36) 1,2-Dichloroethane	6.16	62	148724	18.101	ug/l # 100
37) Trichloroethene	7.19	130	102028	17.772	ug/l 98
38) Methylcyclohexane	7.44	83	137255	18.527	ug/l 96
39) 1,2-Dichloropropane	7.49	63	92646	17.423	ug/l 97
40) Dibromomethane	7.64	93	69379	18.068	ug/l 95

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Manual Integrations
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Quant Time: Sep 28 02:12:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.88	83	143456	18.026	ug/l	94
42) Vinyl Acetate	3.79	43	1286127	90.521	ug/l	100
43) Ethyl Acetate	4.79	43	129377	17.085	ug/l #	87
44) Isopropyl Acetate	6.42	43	214900	17.610	ug/l	98
45) 1,4-Dioxane	7.74	88	21569	211.561	ug/l #	91
46) Methyl methacrylate	7.74	41	104318	17.369	ug/l	94
47) n-amyl Acetate	10.88	43	182611	17.029	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	157508	18.424	ug/l	99
49) cis-1,3-Dichloropropene	8.41	75	163226	18.175	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	97221	18.170	ug/l	98
51) Ethyl methacrylate	9.16	69	138858	17.915	ug/l	97
52) 1,3-Dichloropropane	9.35	76	159721	17.984	ug/l	100
53) Dibromochloromethane	9.57	129	116663	17.536	ug/l	100
54) 1,2-Dibromoethane	9.65	107	103271	17.594	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	354575	87.601	ug/l	99
56) Bromoform	10.84	173	87482	17.306	ug/l	95
58) 4-Methyl-2-Pentanone	8.62	43	652803	86.920	ug/l	99
59) 2-Hexanone	9.47	43	494464	86.921	ug/l	99
61) Tetrachloroethene	9.32	164	90793	16.672	ug/l	93
62) Toluene	8.77	91	390917	17.789	ug/l	100
64) Chlorobenzene	10.12	112	252287	17.865	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	105435	18.435	ug/l	95
66) Ethyl Benzene	10.24	91	439828	18.114	ug/l	98
67) m/p-Xylenes	10.34	106	331403	35.689	ug/l	99
68) o-Xylene	10.68	106	156224	17.805	ug/l	99
69) Styrene	10.69	104	261622	17.090	ug/l	97
70) Isopropylbenzene	11.00	105	438716	17.980	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	140738	17.650	ug/l	96
72) 1,2,3-Trichloropropane	11.28	75	126957m	16.572	ug/l	
73) Bromobenzene	11.24	156	114077	17.066	ug/l	98
74) n-propylbenzene	11.34	91	498883	17.364	ug/l	100
75) 2-Chlorotoluene	11.40	91	301637	17.322	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	370764	17.442	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	43094	14.475	ug/l	92
78) 4-Chlorotoluene	11.49	91	359642	17.313	ug/l	98
79) tert-butylbenzene	11.76	119	363146	17.734	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	364217	17.324	ug/l	100
81) sec-Butylbenzene	11.93	105	413568	17.291	ug/l	100
82) p-Isopropyltoluene	12.05	119	385411	17.282	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	206092	17.243	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	209386	17.521	ug/l	98
85) n-Butylbenzene	12.37	91	341890	17.413	ug/l	99
86) Hexachloroethane	12.58	117	69236	15.769	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	201539	18.007	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	37113	18.194	ug/l	91
89) 1,2,4-Trichlorobenzene	13.63	180	134366	17.745	ug/l	98
90) Hexachlorobutadiene	13.77	225	62776	19.600	ug/l	91
91) Naphthalene	13.82	128	408532	17.288	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	135294	18.061	ug/l	98

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ClientSampleId :
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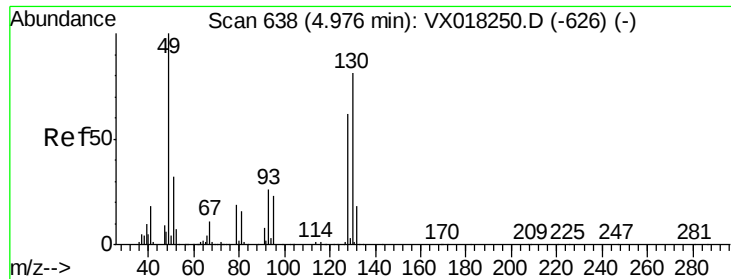
Manual Integrations
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Quant Time: Sep 28 02:12:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
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QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

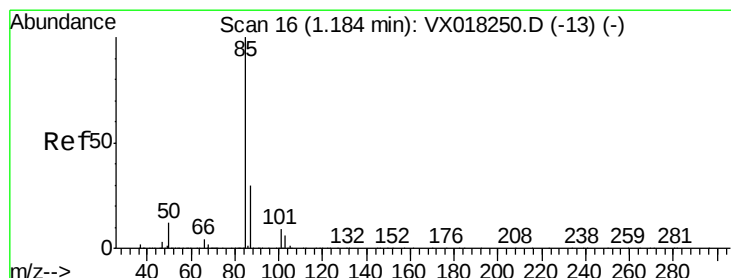
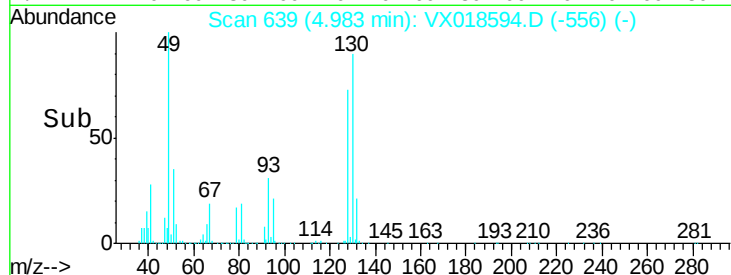
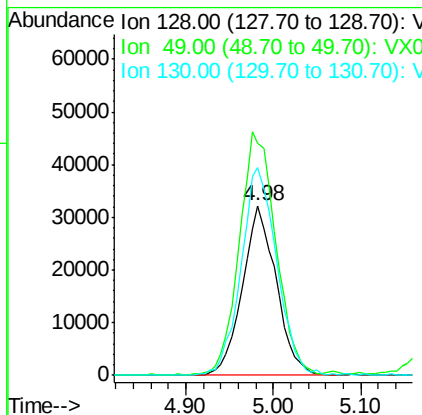
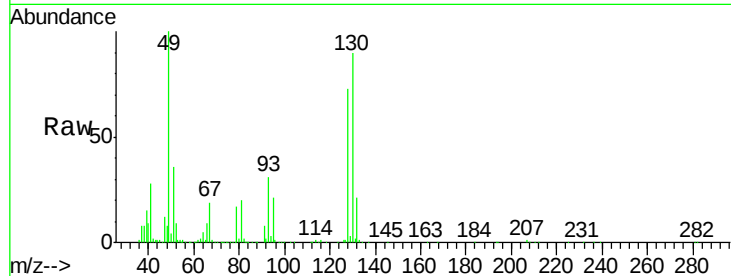
ClientSampleId :

VX0925WBS01

Tot Ion:	128	Resp:	86397
Ion	Ratio	Lower	Upper
128	100		
49	153.7	0.0	392.0
130	129.5	0.0	320.2

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#2

Dichlorodifluoromethane

Concen: 18.116 ug/l

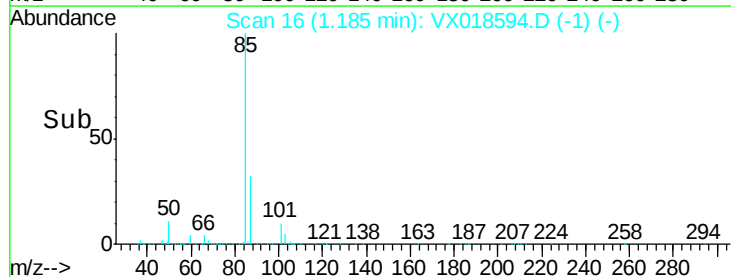
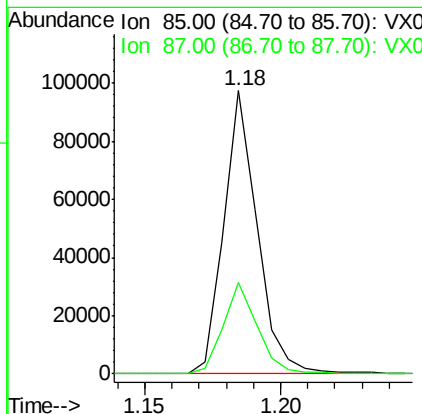
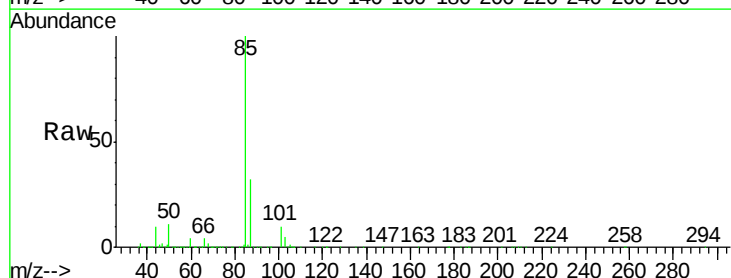
RT: 1.18 min Scan# 16

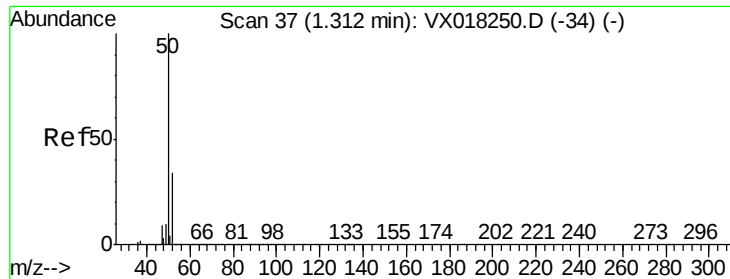
Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Tgt Ion:	85	Resp:	82819
Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.1	45.3





#3

Chloromethane

Concen: 16.183 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 50 Resp: 78587

Ion Ratio Lower Upper

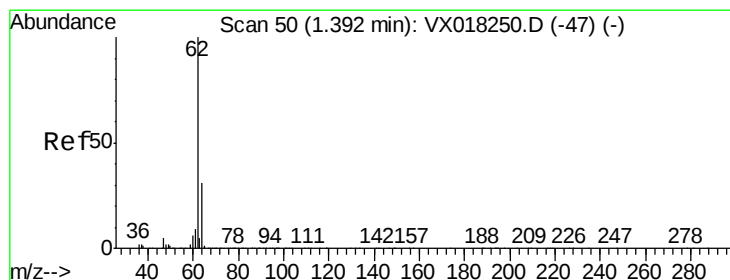
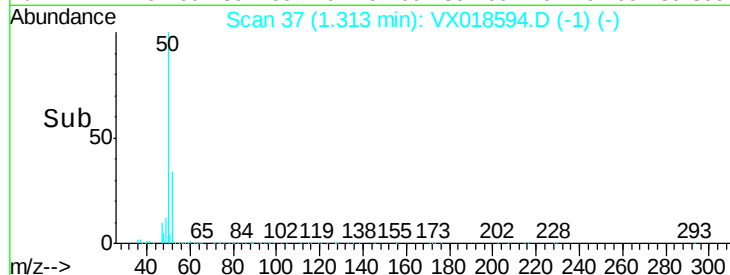
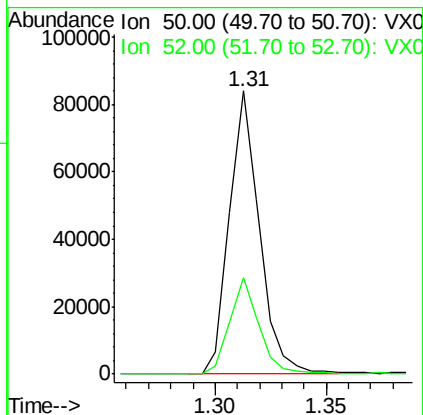
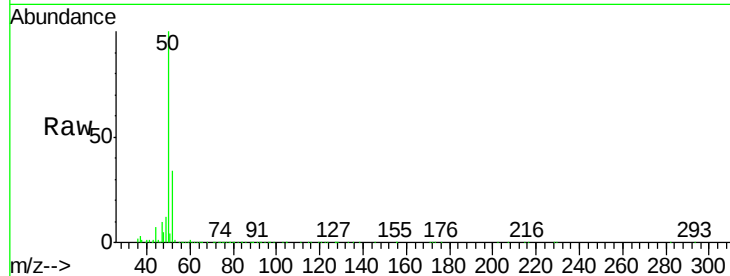
50 100

52 33.8 27.1 40.7

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#4

Vinyl Chloride

Concen: 18.629 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018594.D

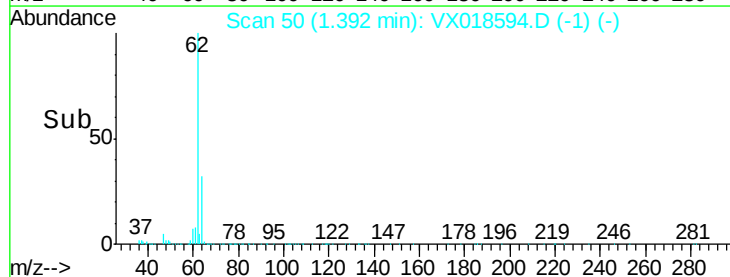
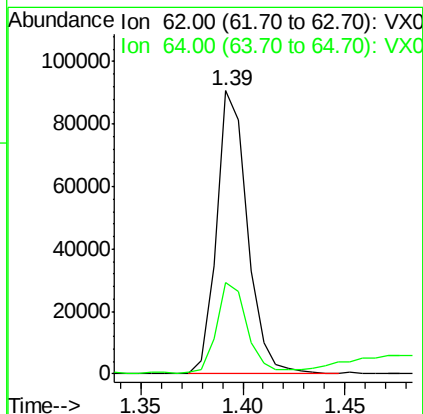
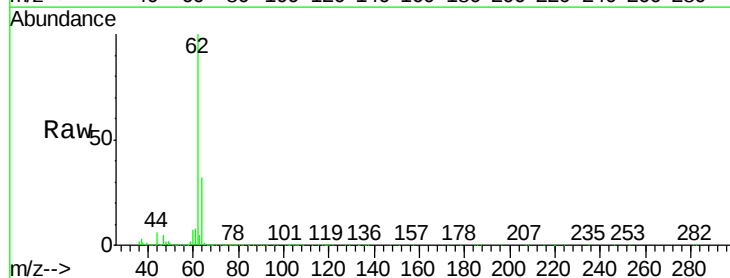
Acq: 25 Sep 2020 14:50

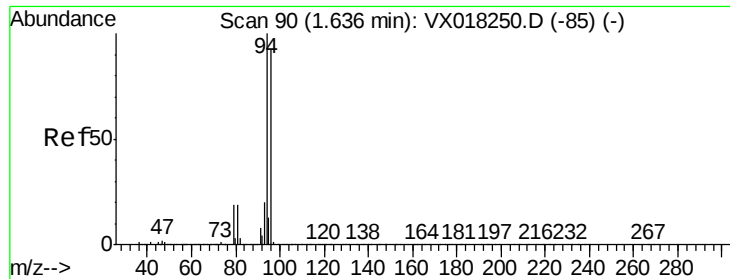
Tgt Ion: 62 Resp: 95259

Ion Ratio Lower Upper

62 100

64 31.9 25.2 37.8





#5

Bromomethane

Concen: 12.292 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 94 Resp: 42764

Ion Ratio Lower Upper

94 100

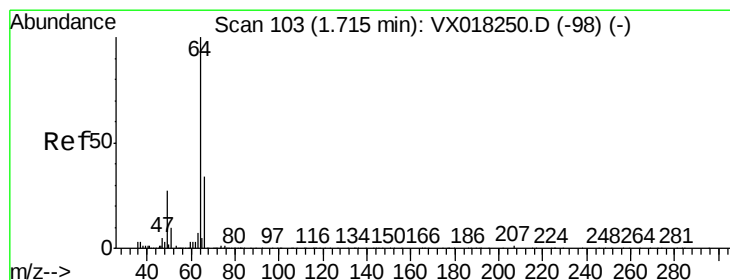
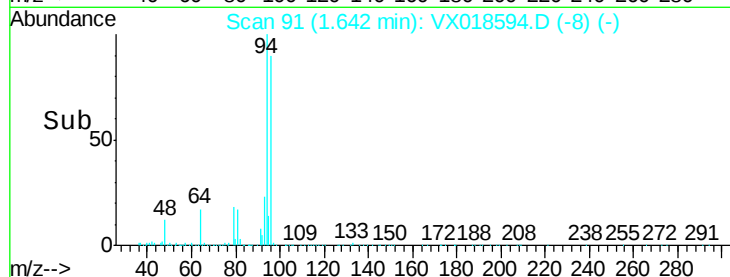
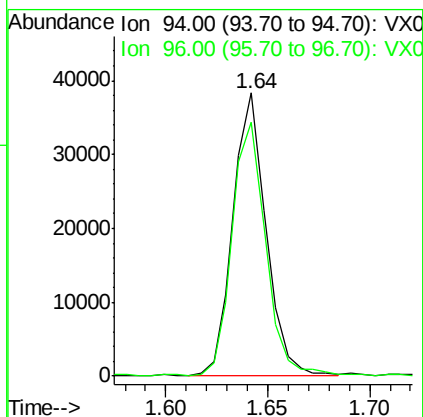
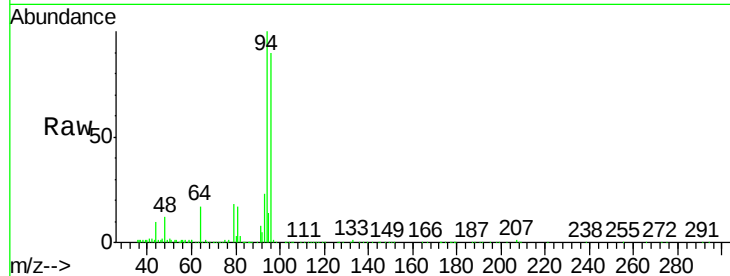
96 89.7 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 21.608 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018594.D

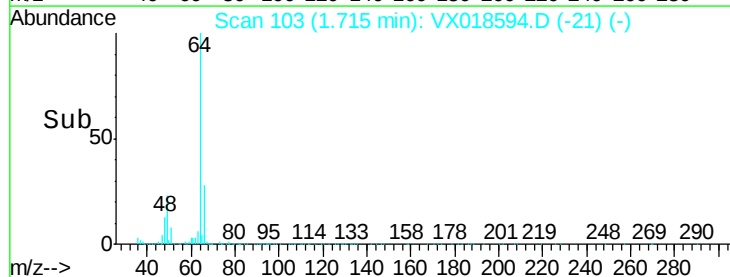
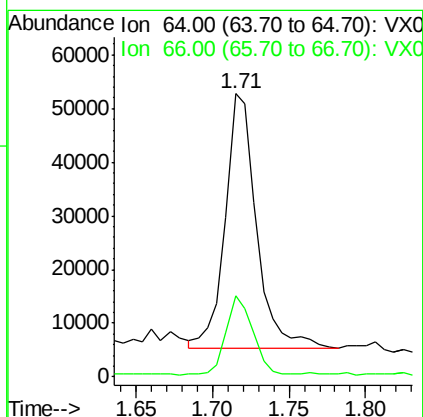
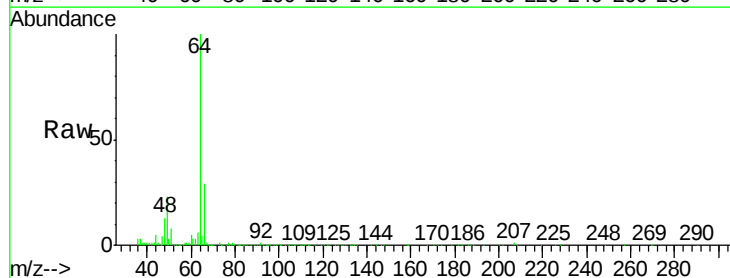
Acq: 25 Sep 2020 14:50

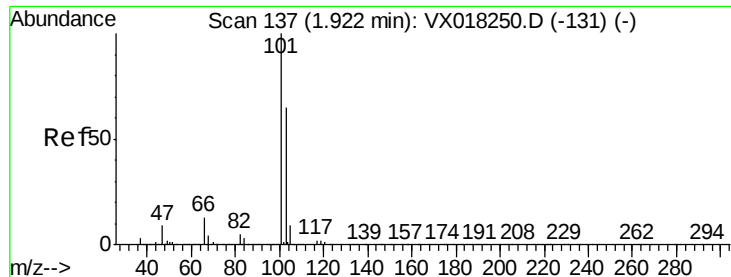
Tgt Ion: 64 Resp: 67155

Ion Ratio Lower Upper

64 100

66 31.0 27.0 40.4





#7

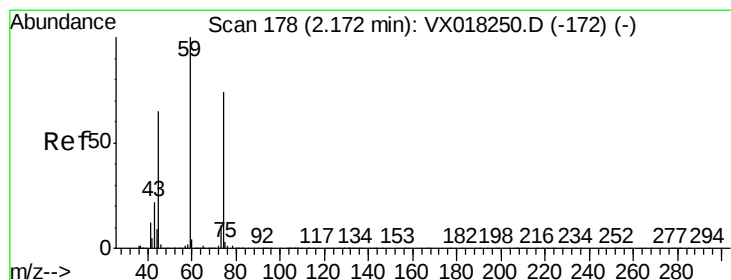
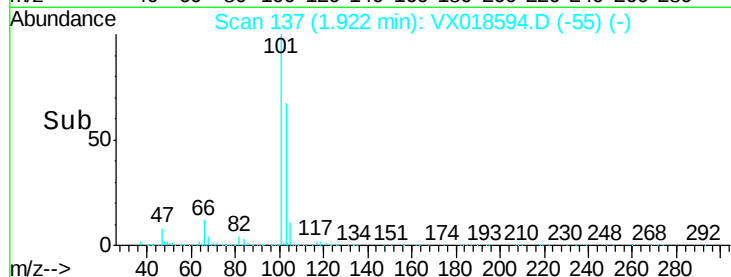
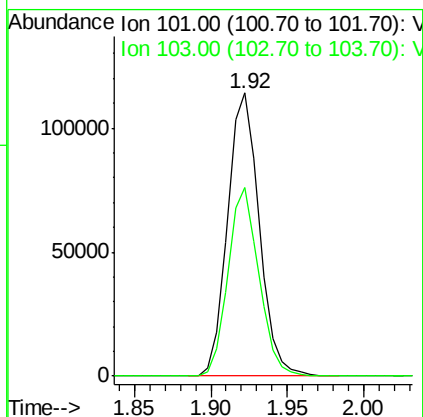
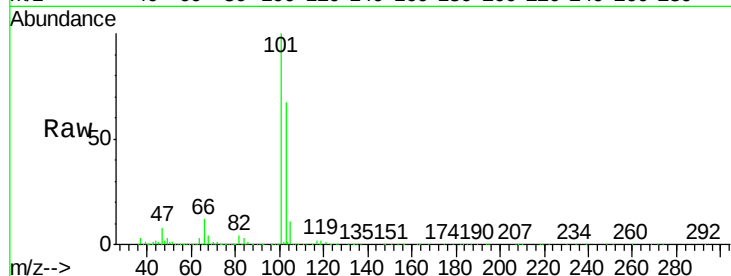
Trichlorofluoromethane
Concen: 18.844 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Instrument :
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VX0925WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	163298		
103	66.8	52.3	78.5	

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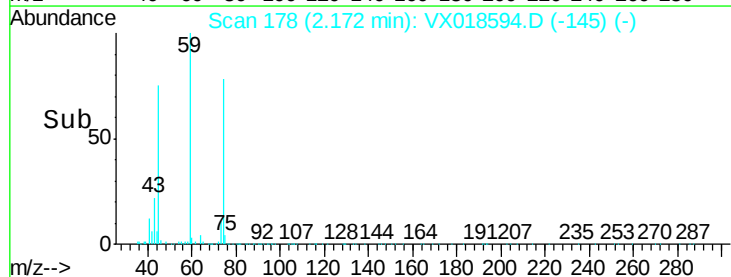
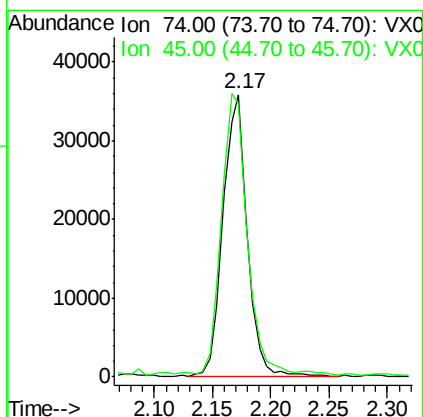
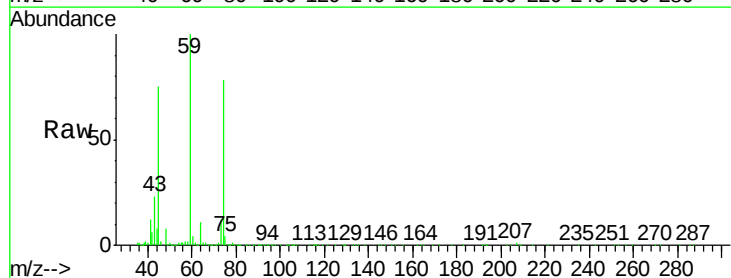
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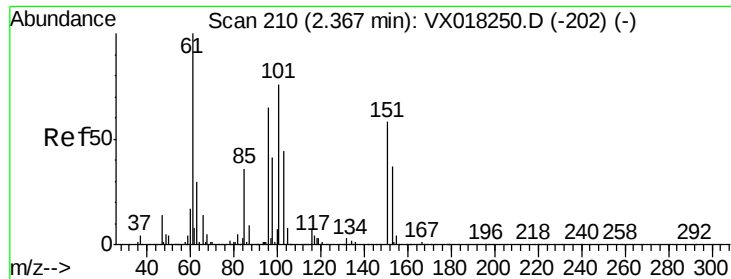


#8

Diethyl Ether
Concen: 18.939 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	51741		
45	103.4	20.5	184.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.371 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

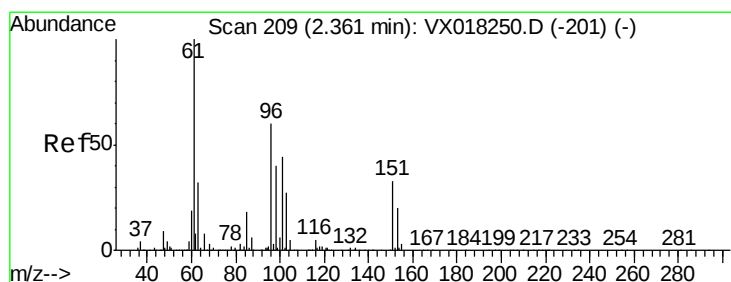
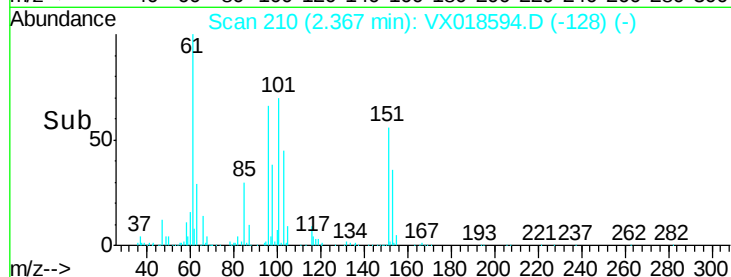
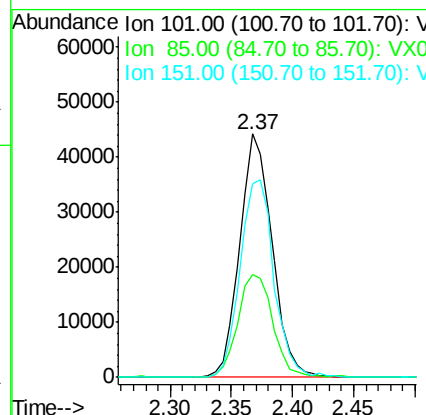
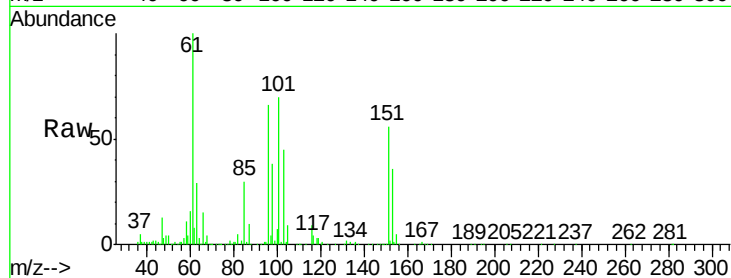
ClientSampleId :

VX0925WBS01

Tot Ion:	101	Resp:	81337
Ion Ratio	Lower	Upper	
101	100		
85	45.4	0.0	87.8
151	83.9	0.0	161.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.154 ug/l

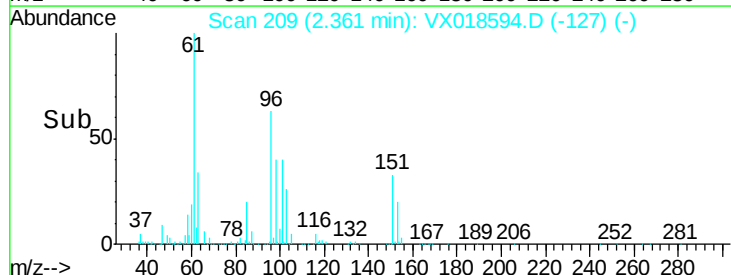
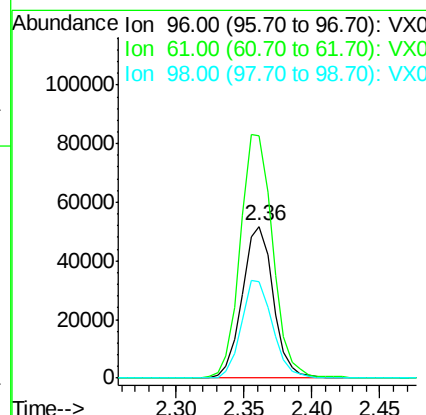
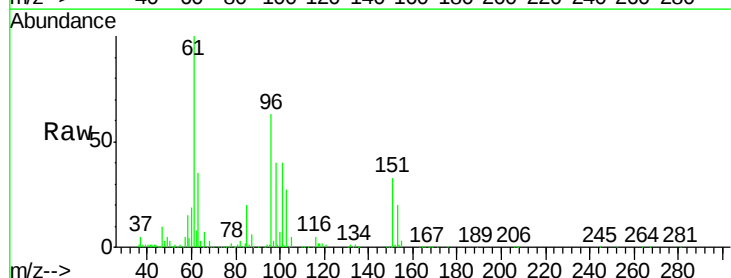
RT: 2.36 min Scan# 209

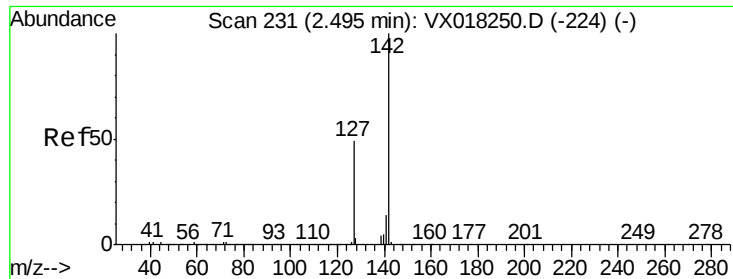
Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Tgt Ion:	96	Resp:	83246
Ion Ratio	Lower	Upper	
96	100		
61	159.4	132.5	198.7
98	63.6	52.4	78.6





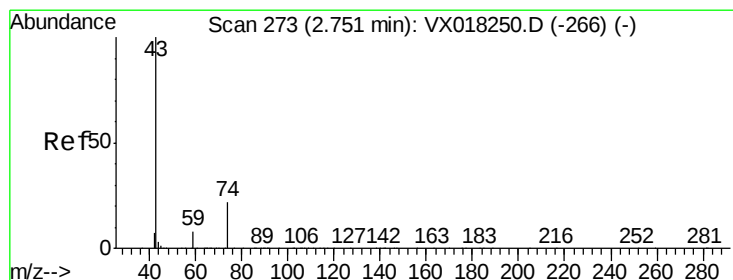
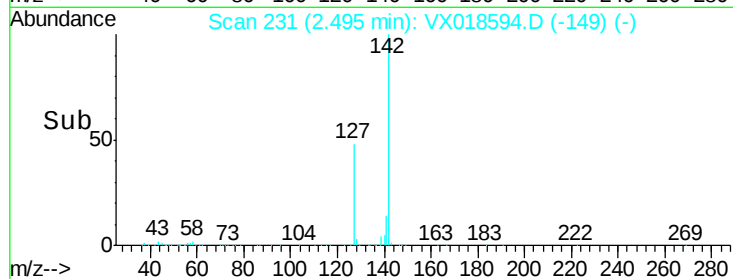
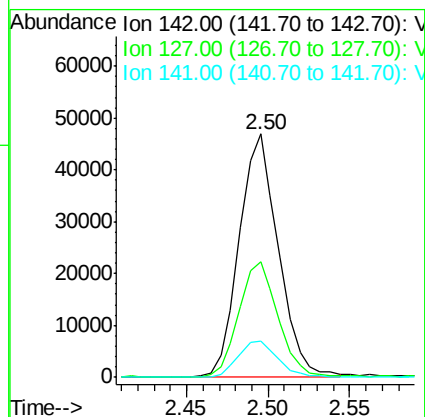
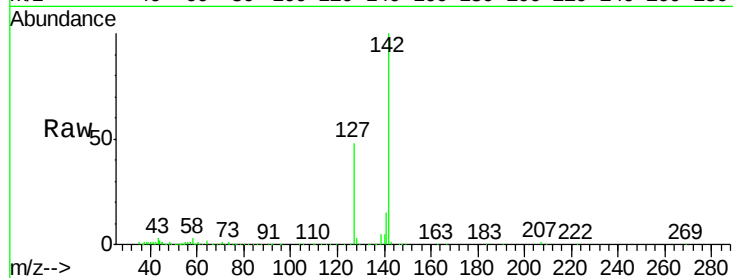
#11
Methvl Iodide
Concen: 19.402 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	47.3	24.6	74.0
141	14.5	7.0	21.0

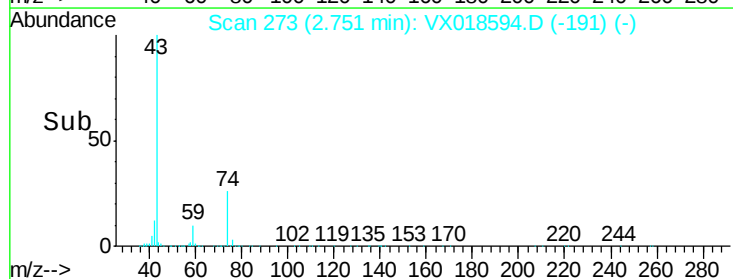
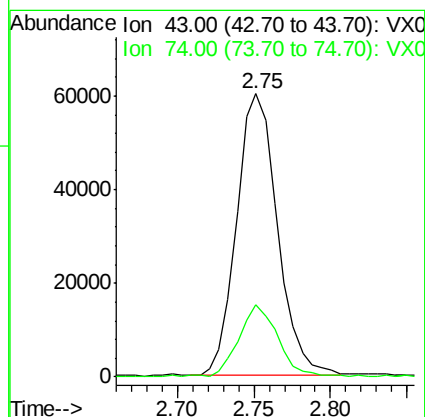
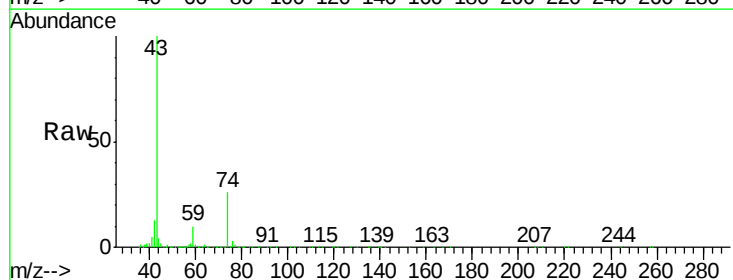
Manual Integrations
APPROVED

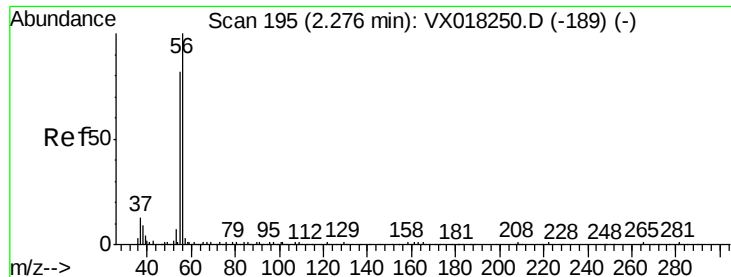
MMDadoda
9/28/2020 12:50:03 PM



#12
Methyl Acetate
Concen: 19.454 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	18.0	27.0





#13

Acrolein

Concen: 44.935 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

ClientSampled :

VX0925WBS01

Tot Ion: 56 Resp: 20747

Ion Ratio Lower Upper

56 100

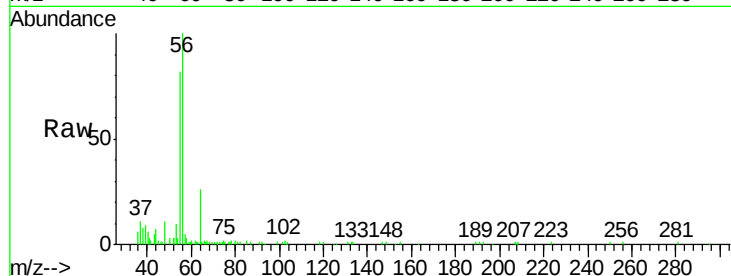
55 71.6 59.7 89.5

Manual Integrations

APPROVED

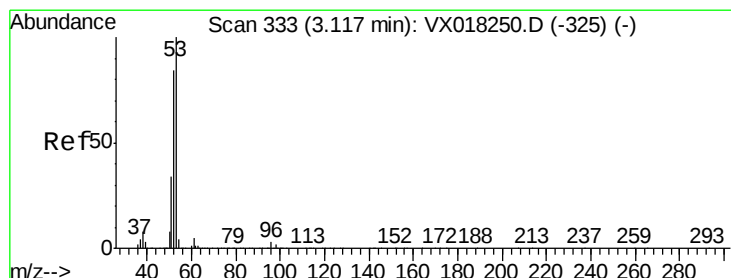
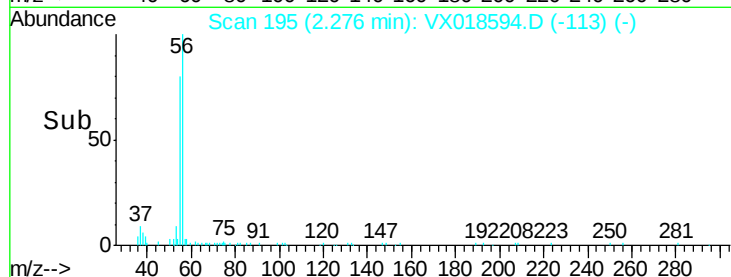
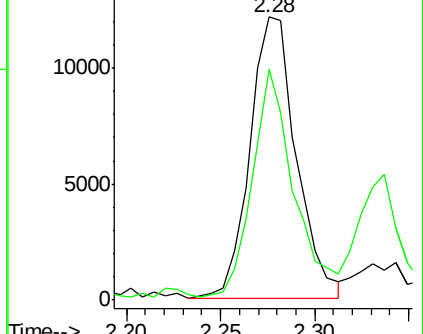
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 91.376 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

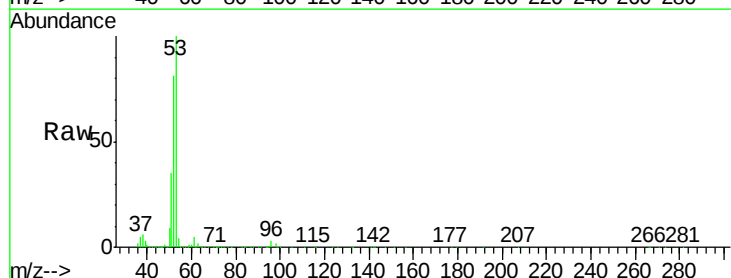
Tgt Ion: 53 Resp: 236871

Ion Ratio Lower Upper

53 100

52 82.4 41.9 125.7

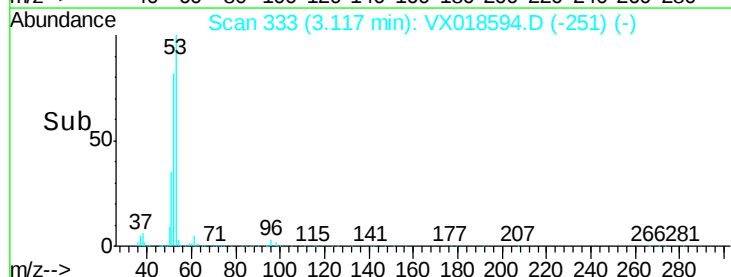
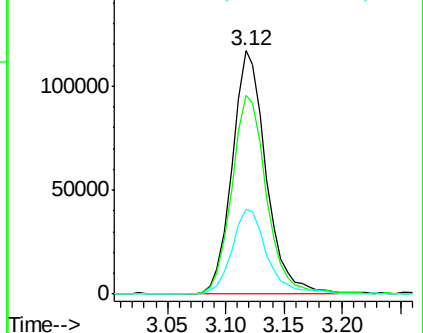
51 36.0 18.3 54.8

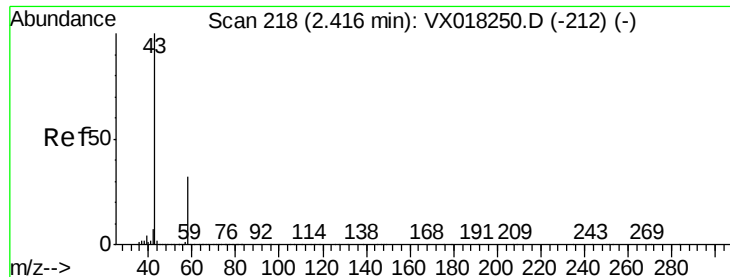


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 104.823 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 58 Resp: 73880

Ion Ratio Lower Upper

58 100

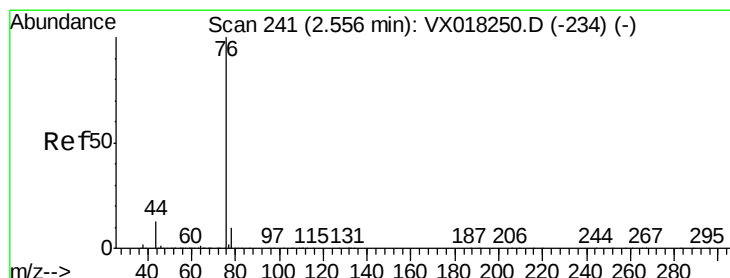
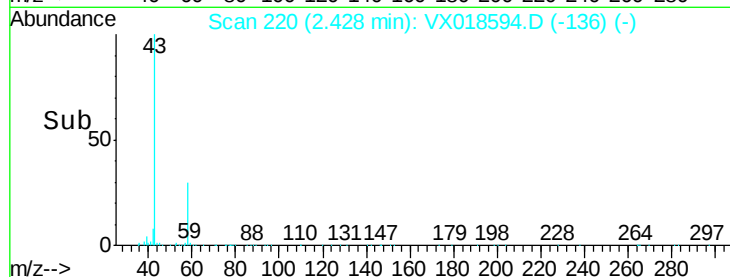
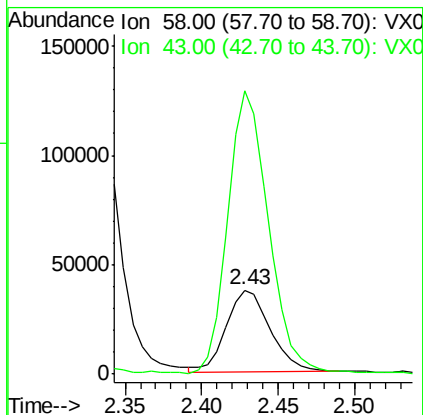
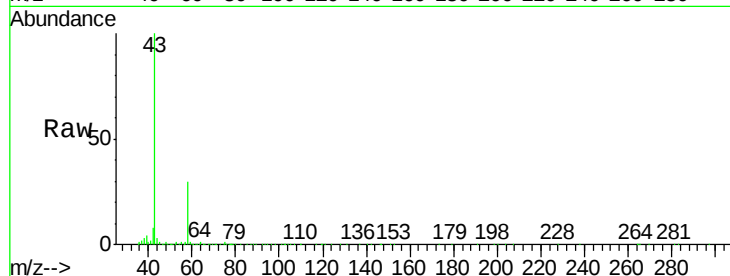
43 345.8 248.2 372.2

Manual Integrations

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#16

Carbon Disulfide

Concen: 19.084 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX018594.D

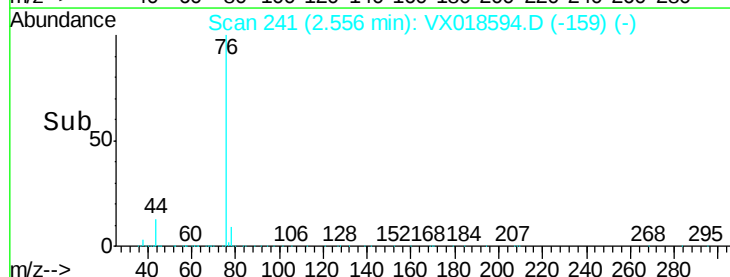
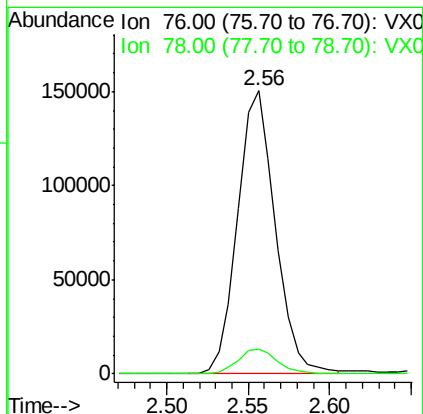
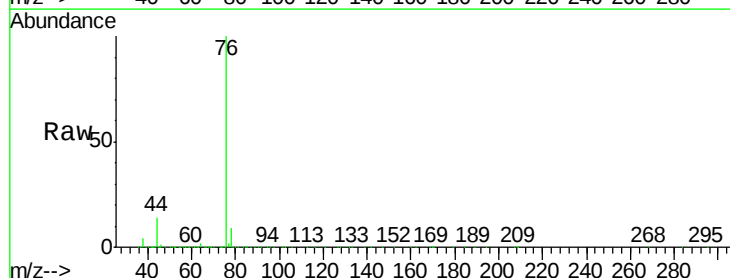
Acq: 25 Sep 2020 14:50

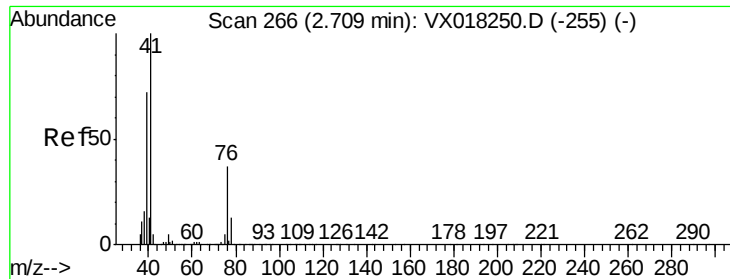
Tgt Ion: 76 Resp: 241503

Ion Ratio Lower Upper

76 100

78 8.7 7.8 11.6





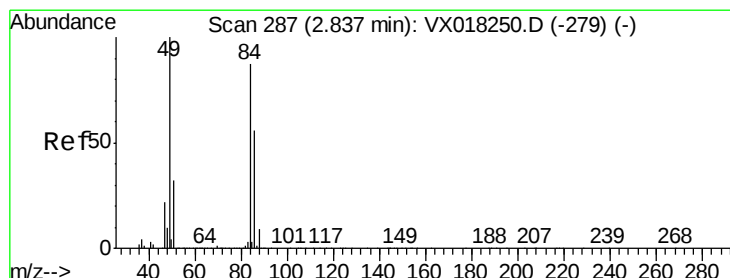
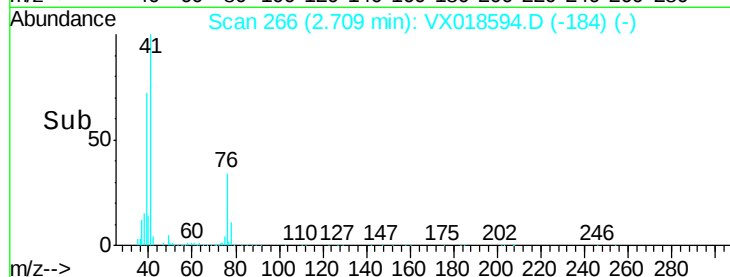
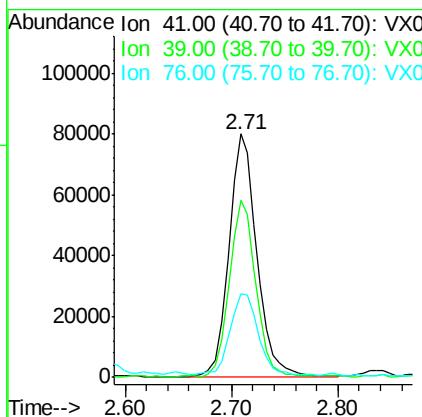
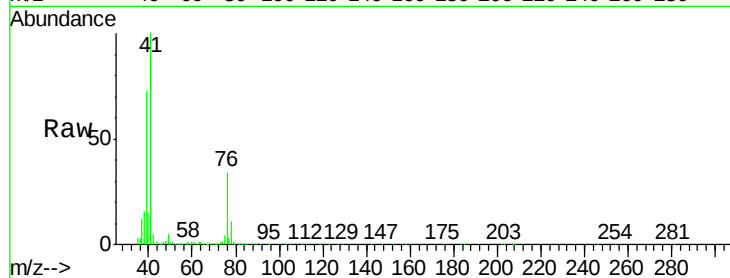
#17
Allvl chloride
Concen: 18.831 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.1	36.0	108.1
76	33.1	18.6	55.6

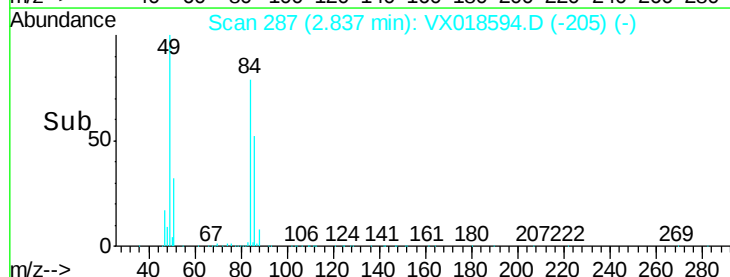
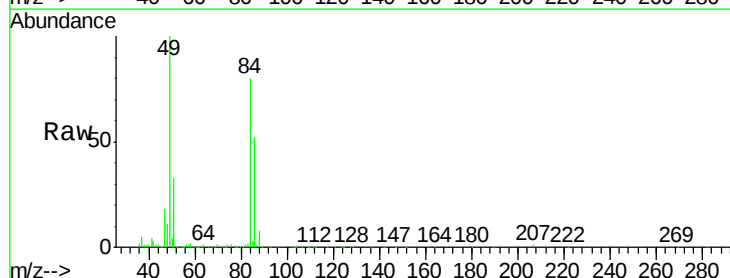
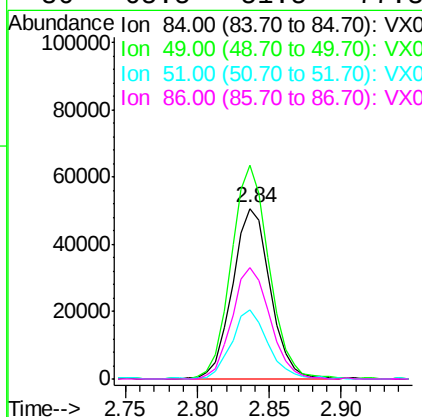
Manual Integrations
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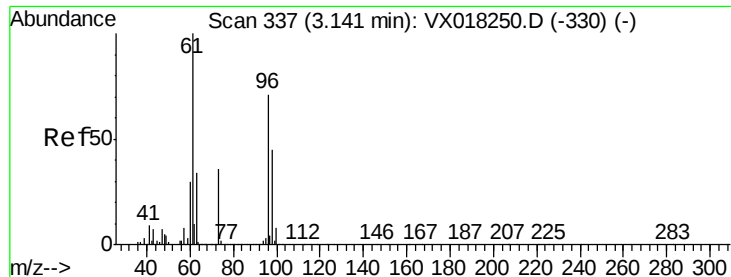
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#18
Methylene Chloride
Concen: 18.217 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.5	91.6	137.4
51	40.6	29.4	44.0
86	65.5	51.5	77.3





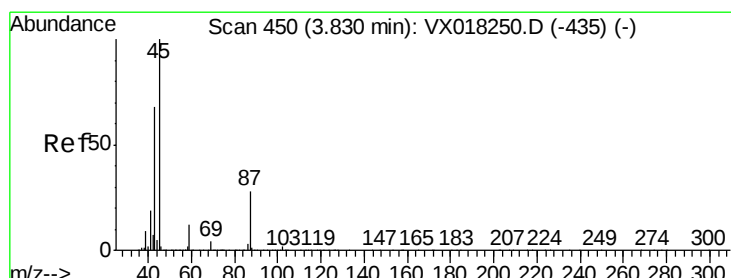
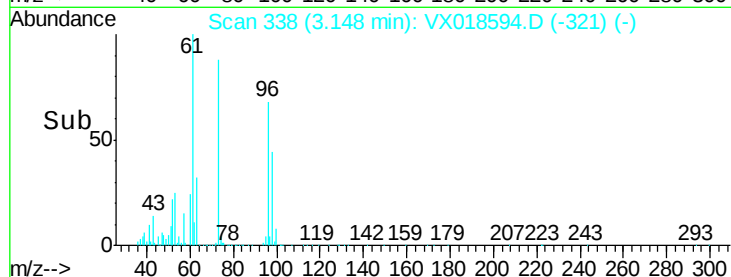
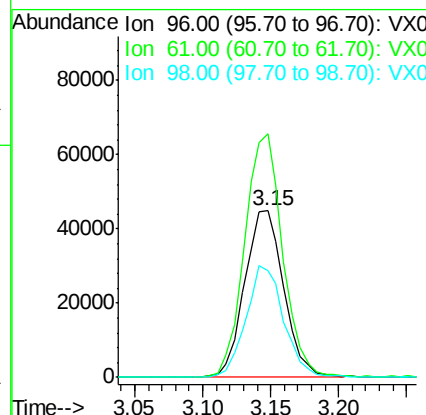
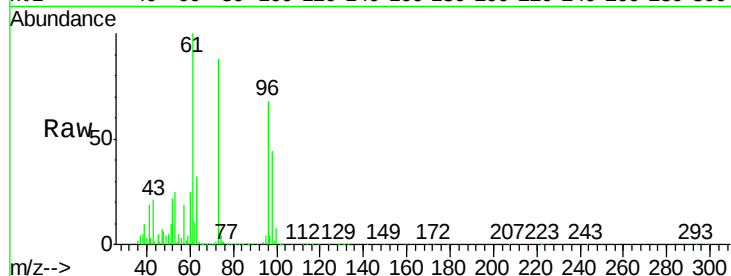
#19
trans-1,2-Dichloroethene
Concen: 18.692 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.1	112.8	169.2
98	63.5	51.0	76.4

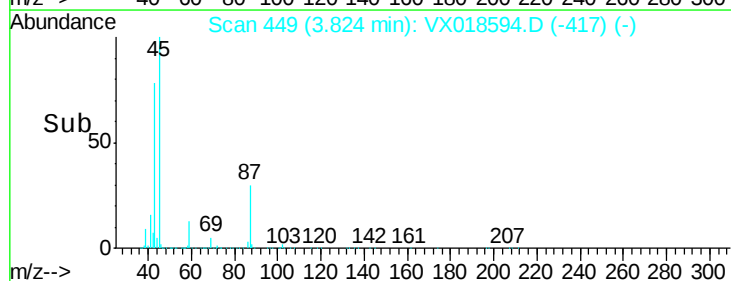
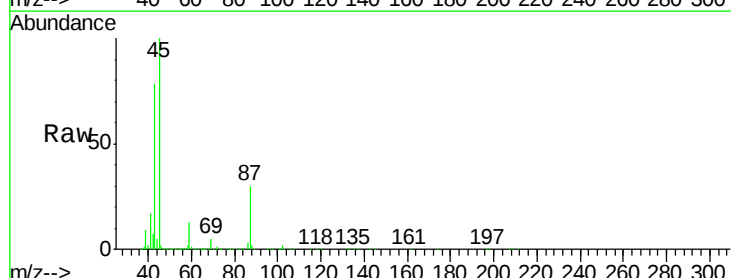
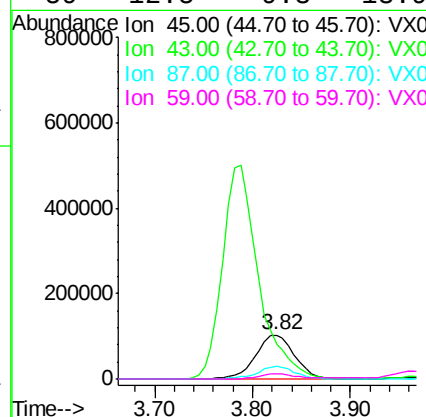
Manual Integrations
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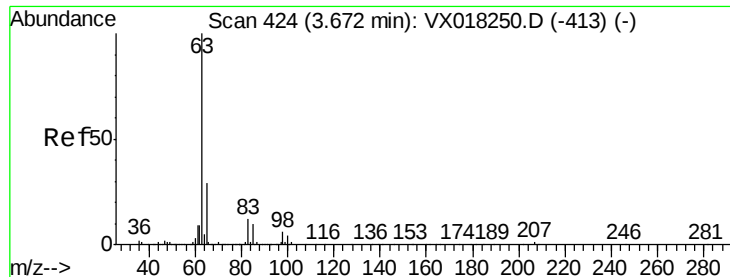
MMDadoda
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#20
Diisopropyl ether
Concen: 18.532 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Tgt Ion	Ratio	Lower	Upper
45	100		
43	76.5	54.5	81.7
87	30.0	22.2	33.2
59	12.5	9.3	13.9





#21

1,1-Dichloroethane

Concen: 18.613 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

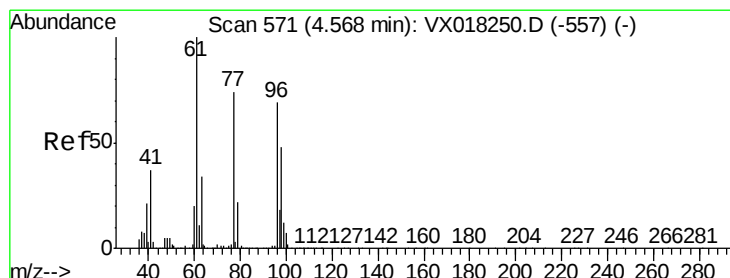
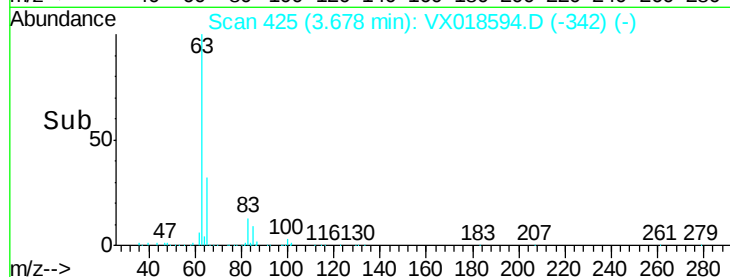
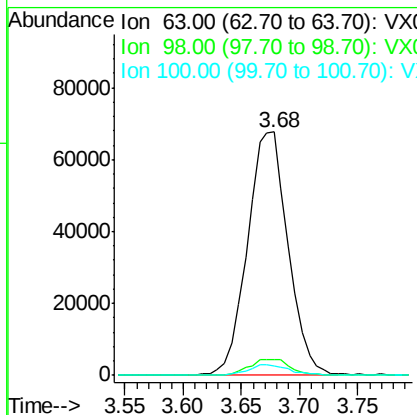
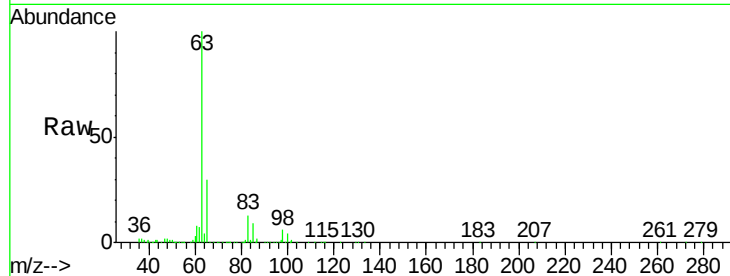
ClientSampleId :

VX0925WBS01

Tot Ion:	63	Resp:	164302
Ion Ratio		Lower	Upper
63	100		
98	6.1	3.2	9.6
100	3.6	2.1	6.3

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 18.859 ug/l

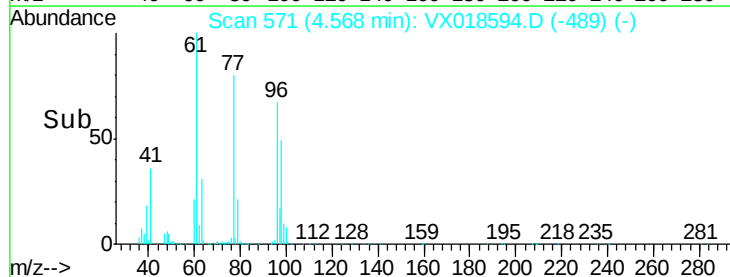
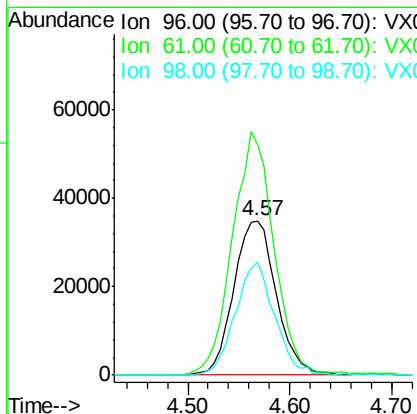
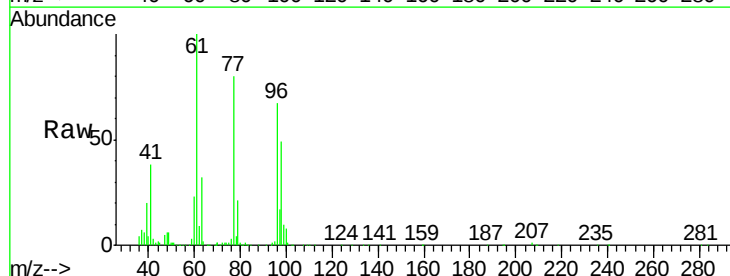
RT: 4.57 min Scan# 571

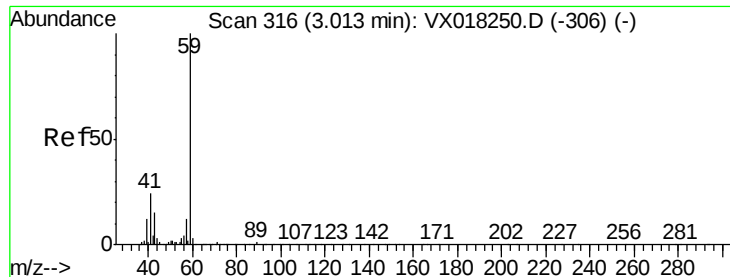
Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Tgt Ion:	96	Resp:	100686
Ion Ratio		Lower	Upper
96	100		
61	155.2	116.2	174.4
98	67.2	52.5	78.7





#23

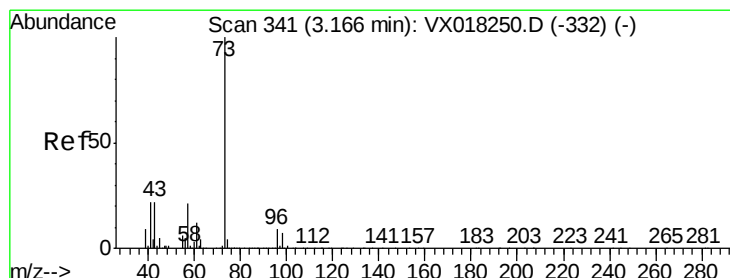
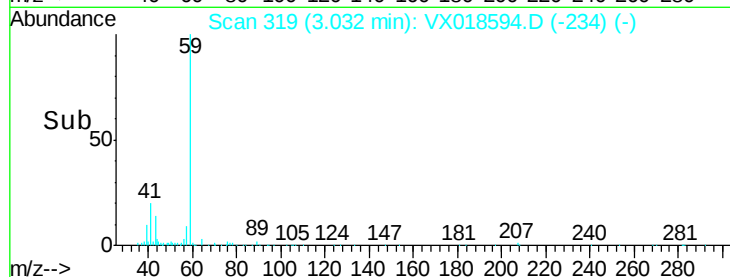
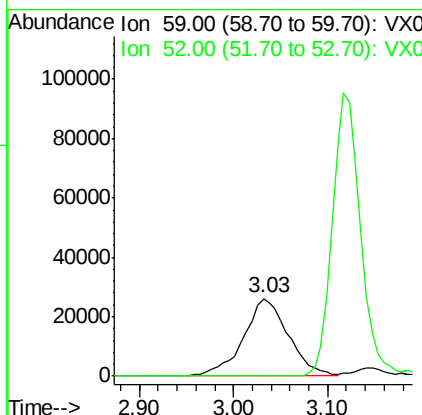
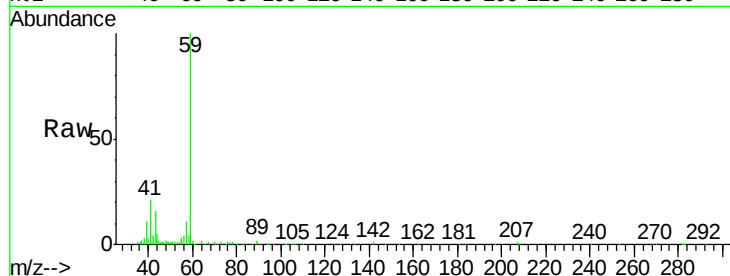
tert-Butyl Alcohol
 Concen: 76.559 ug/l
 RT: 3.03 min Scan# 319
 Delta R.T. 0.02 min
 Lab File: VX018594.D
 Acq: 25 Sep 2020 14:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.5	0.4	0.6

Manual Integrations
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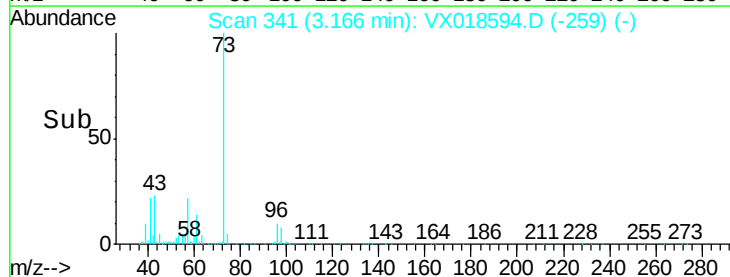
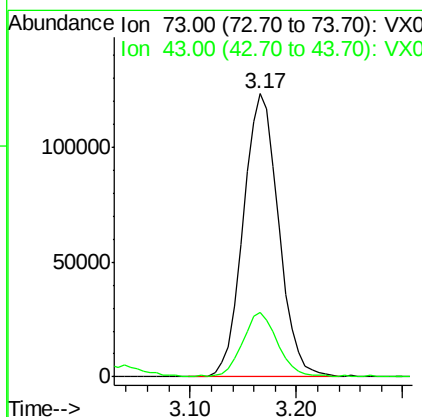
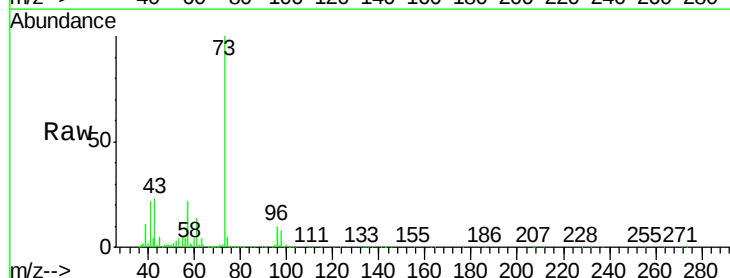
MMDadoda
 9/28/2020 12:50:03 PM

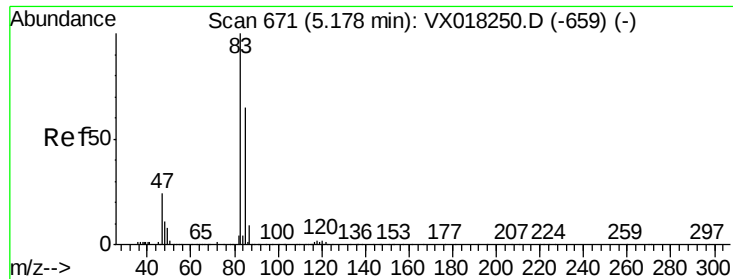


#24

Methyl tert-Butyl Ether
 Concen: 18.612 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018594.D
 Acq: 25 Sep 2020 14:50

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.9	17.8	26.6





#25

Chloroform

Concen: 18.808 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 83 Resp: 177182

Ion Ratio Lower Upper

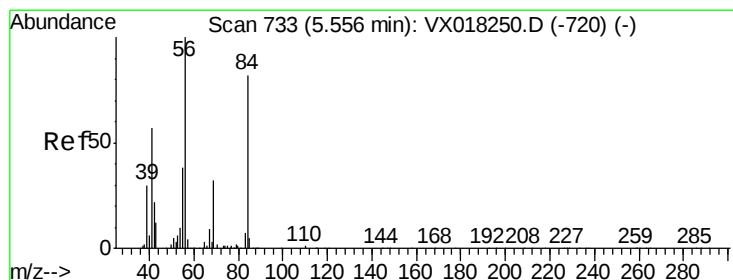
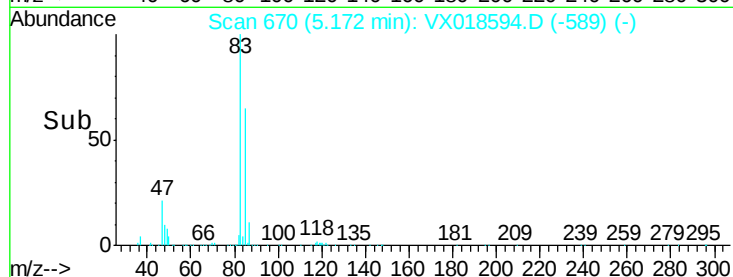
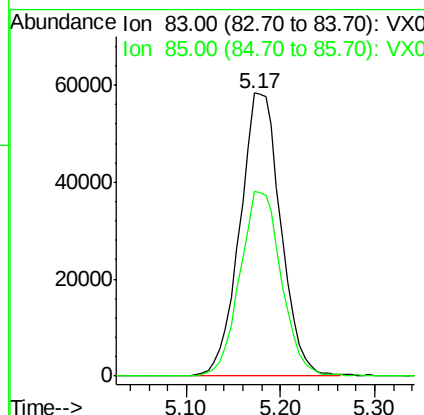
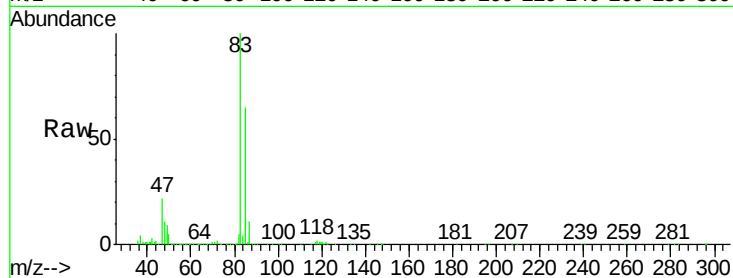
83 100

85 65.4 51.6 77.4

Manual Integrations
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MMDadoda

9/28/2020 12:50:03 PM



#26

Cyclohexane

Concen: 18.724 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

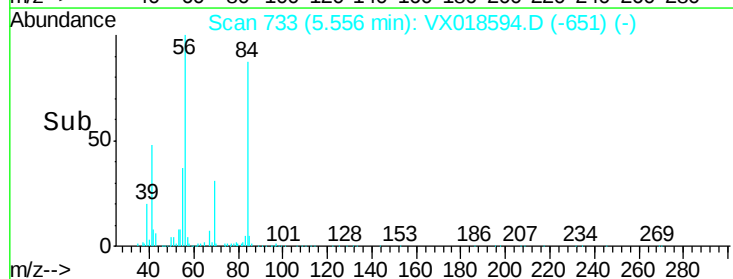
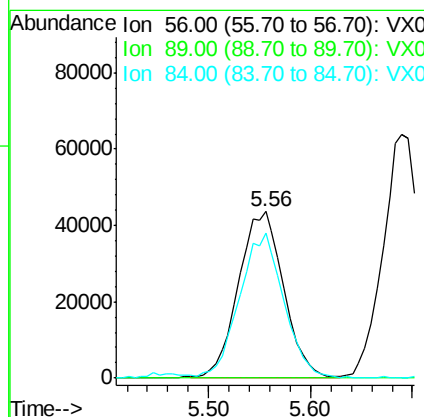
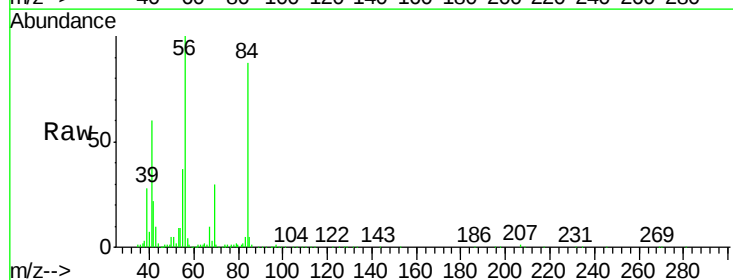
Tgt Ion: 56 Resp: 133406

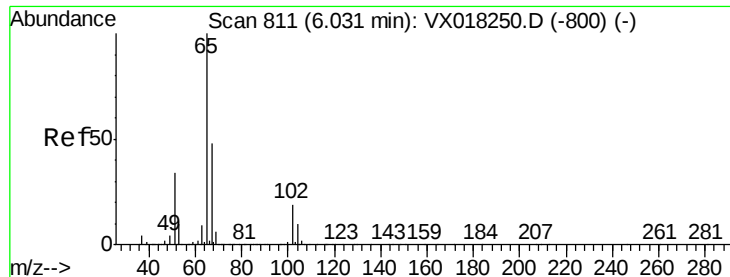
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 85.4 41.0 61.4#





#27

1,2-Dichloroethane-d4

Concen: 30.581 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 65 Resp: 208443

Ion Ratio Lower Upper

65 100

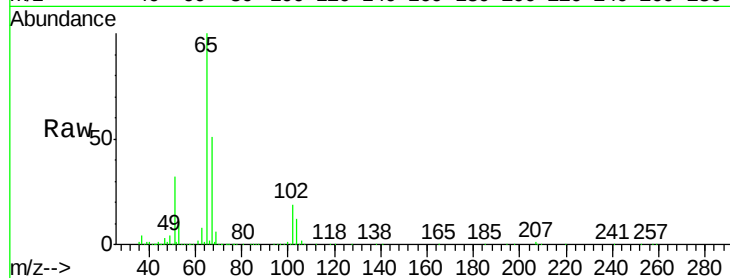
67 50.5 39.9 59.9

Manual Integrations

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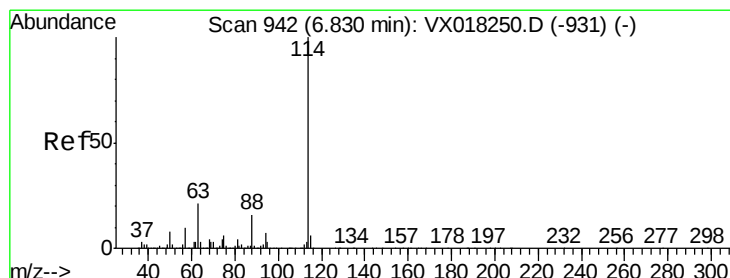
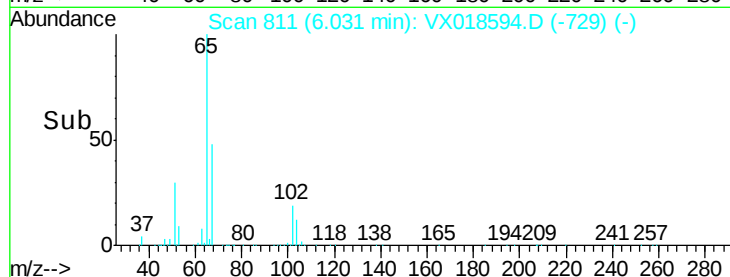
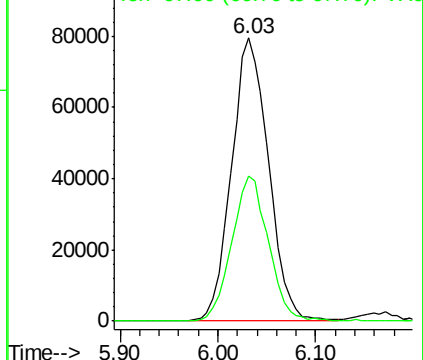
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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

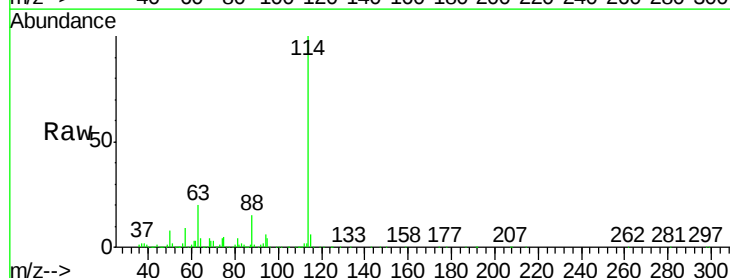
Tgt Ion: 114 Resp: 455632

Ion Ratio Lower Upper

114 100

63 21.1 16.7 25.1

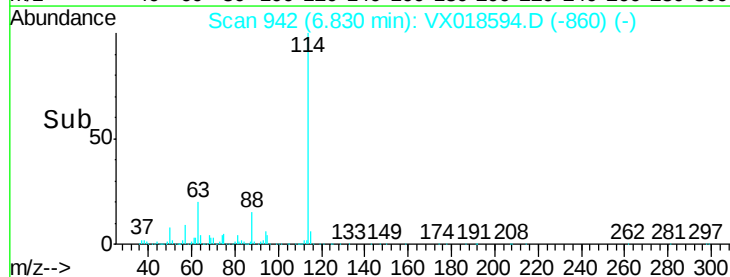
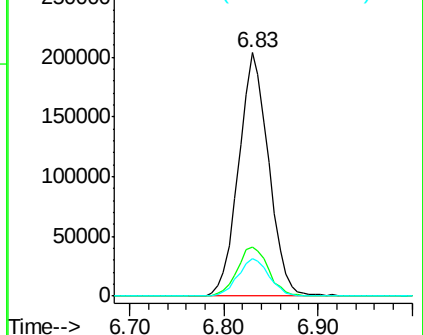
88 15.9 12.6 18.8

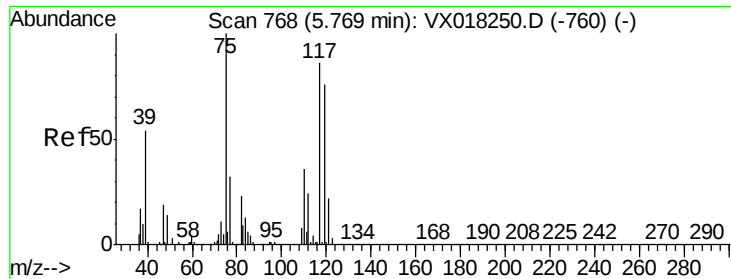


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





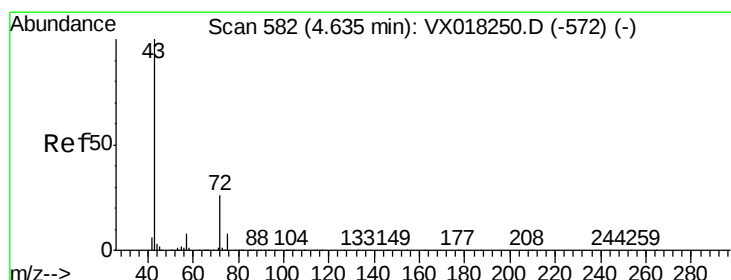
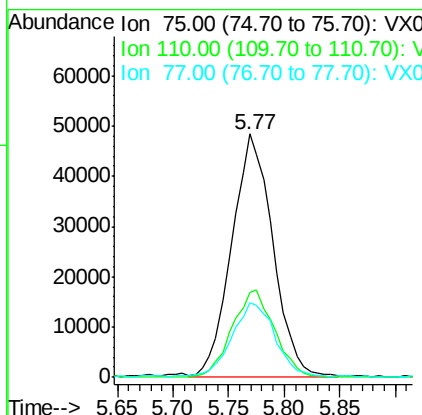
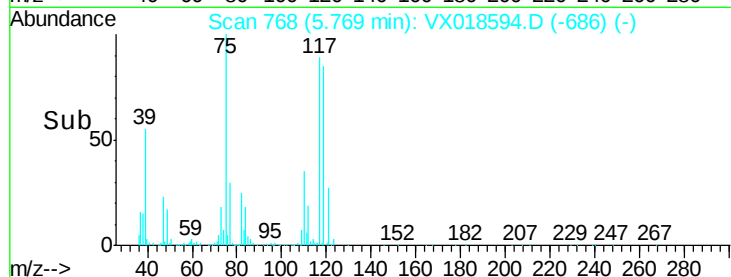
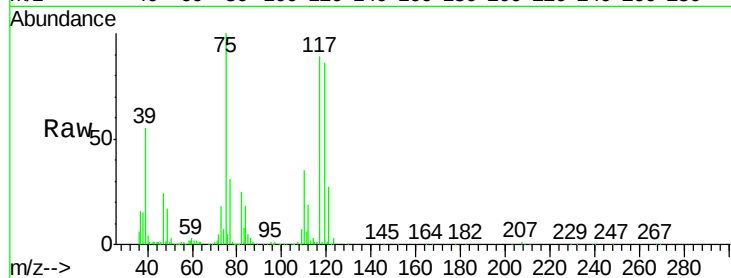
#29
 1,1-Dichloropropene
 Concen: 17.968 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018594.D
 Acq: 25 Sep 2020 14:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.9	0.0	72.2
77	31.3	0.0	61.0

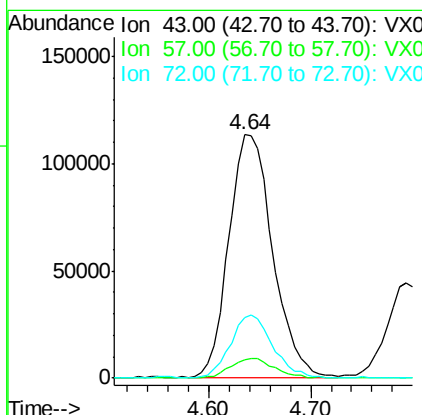
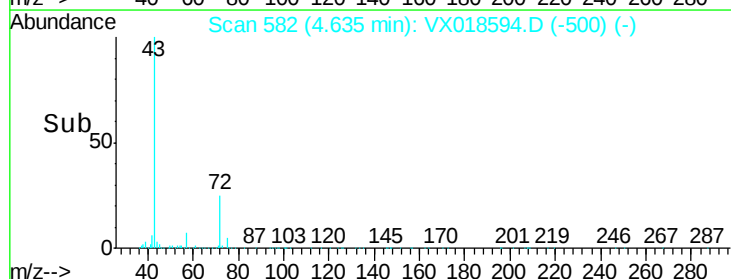
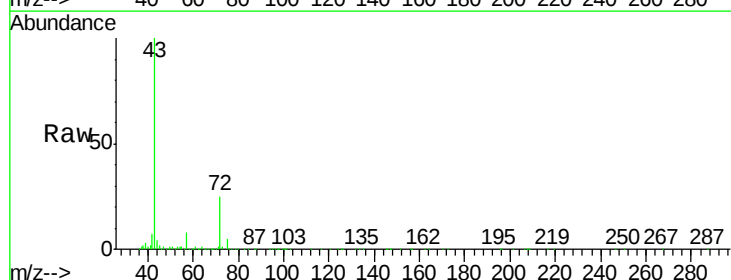
Manual Integrations
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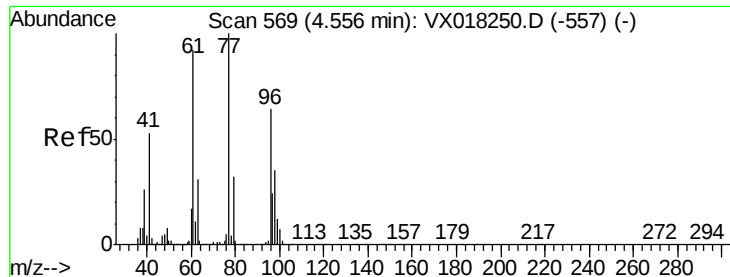
MMDadoda
 9/28/2020 12:50:03 PM



#30
 2-Butanone
 Concen: 89.092 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX018594.D
 Acq: 25 Sep 2020 14:50

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.4	6.7	10.1
72	24.4	20.0	30.0





#31

2,2-Dichloropropane

Concen: 19.479 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 77 Resp: 163646

Ion Ratio Lower Upper

77 100

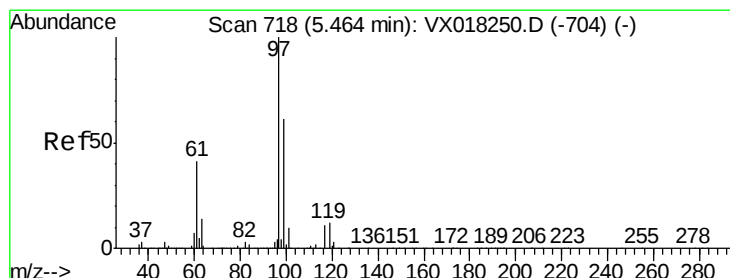
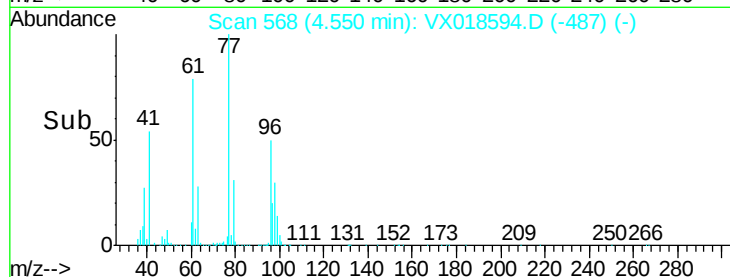
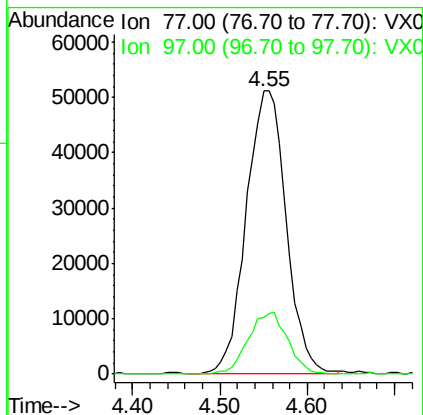
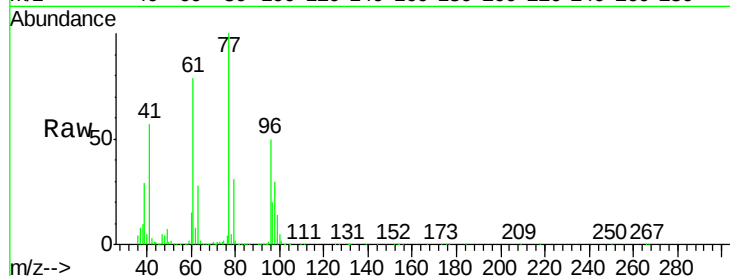
97 21.2 18.1 27.1

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 18.057 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

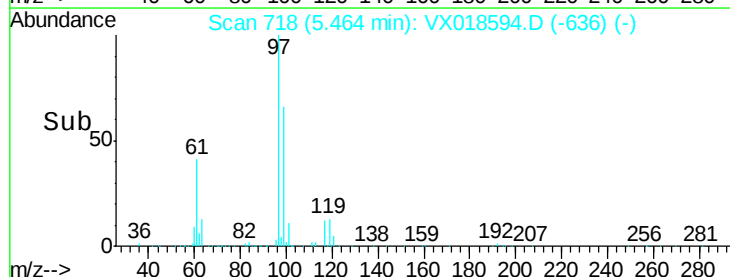
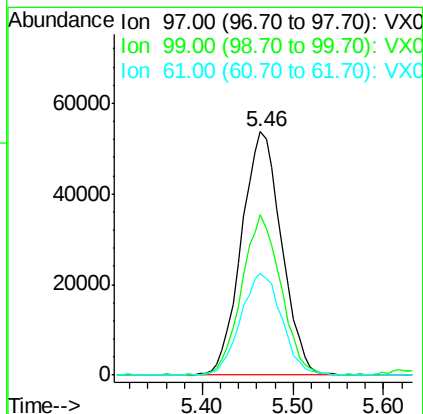
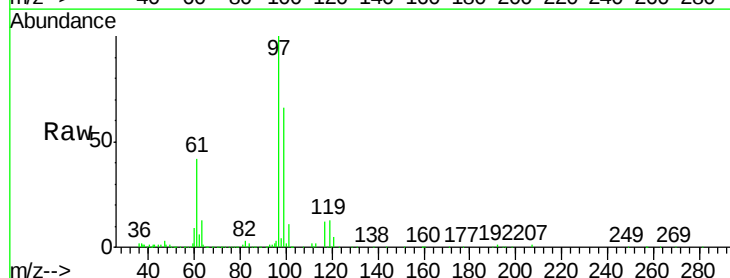
Tgt Ion: 97 Resp: 164385

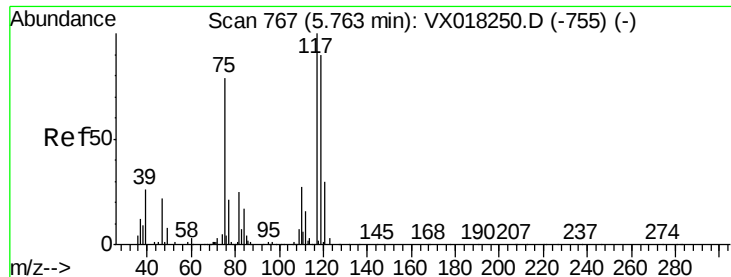
Ion Ratio Lower Upper

97 100

99 64.1 50.7 76.1

61 42.1 34.5 51.7





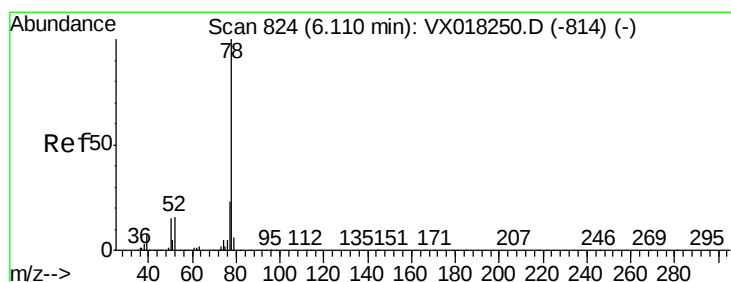
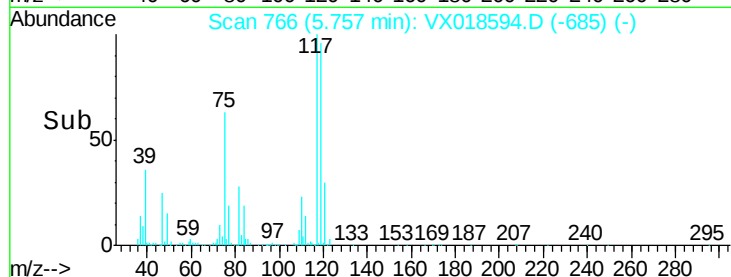
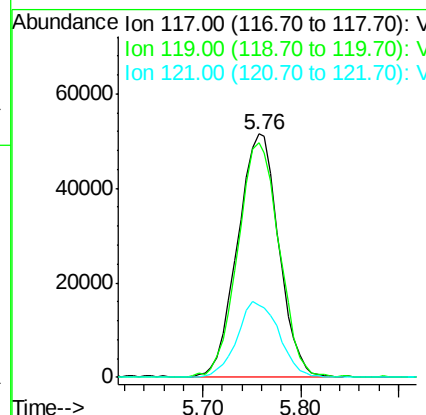
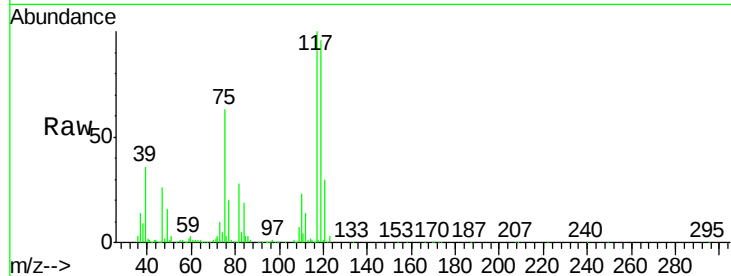
#33
Carbon Tetrachloride
Concen: 17.751 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.01 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.8	72.3	108.5
121	29.6	24.1	36.1

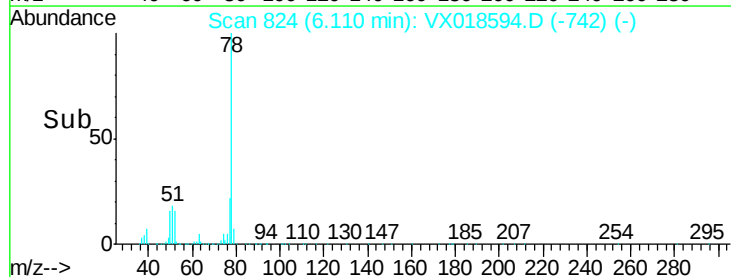
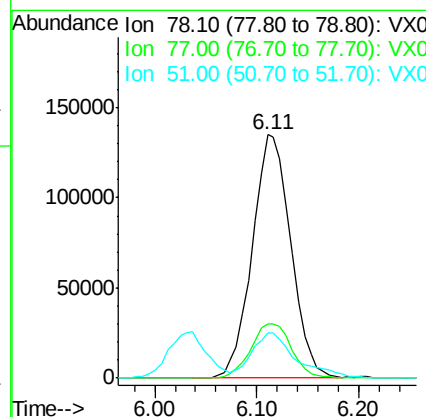
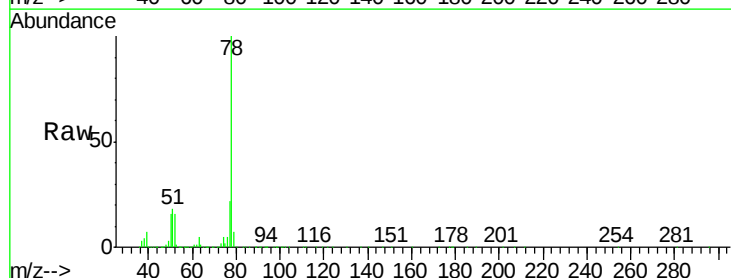
Manual Integrations
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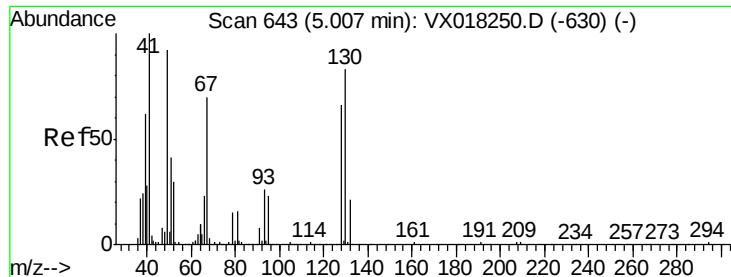
MMDadoda
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#34
Benzene
Concen: 17.897 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.3	27.5
51	16.6	11.3	16.9





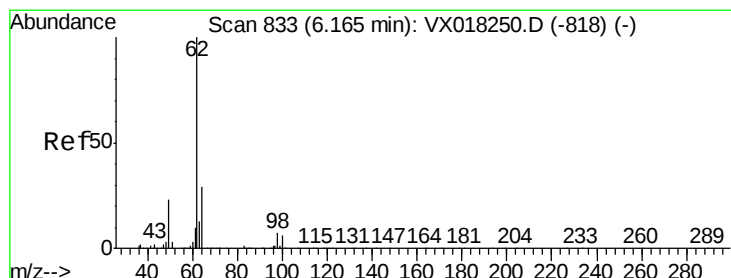
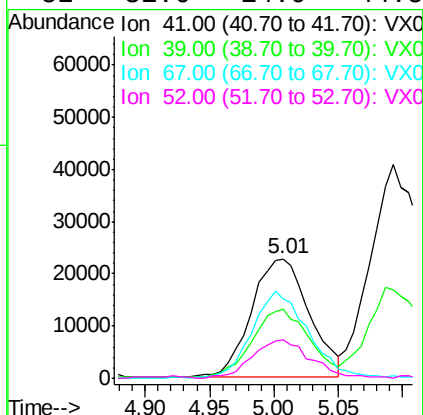
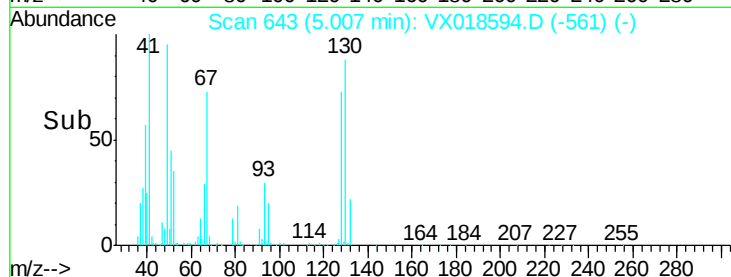
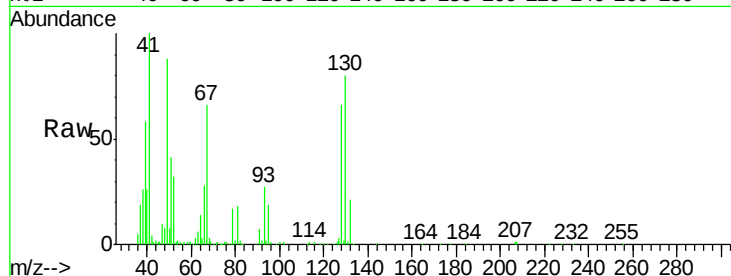
#35
Methacrylonitrile
Concen: 17.570 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.9	31.3	93.9	
67	67.4	35.4	106.2	
52	31.6	14.9	44.5	

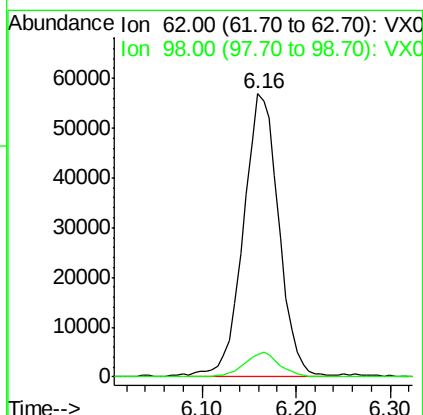
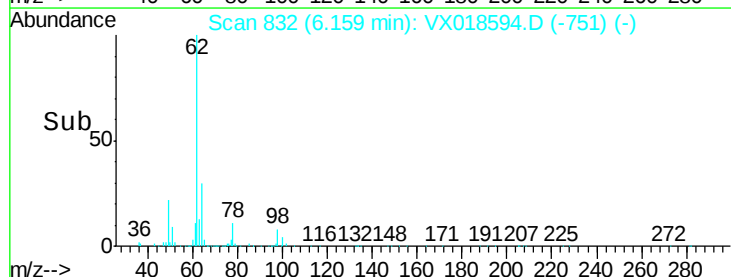
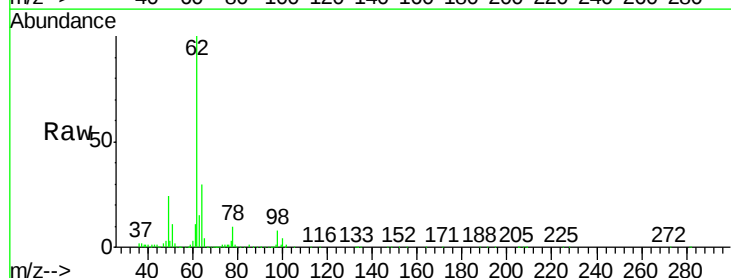
Manual Integrations
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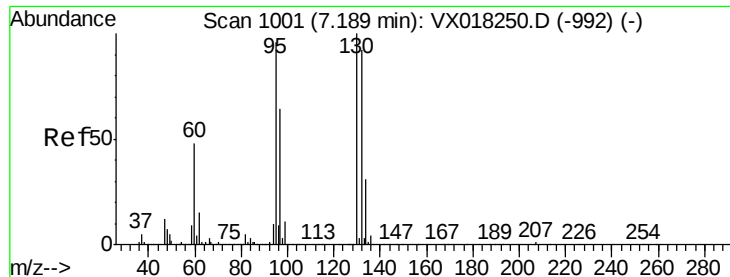
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#36
1,2-Dichloroethane
Concen: 18.101 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	0.0#	





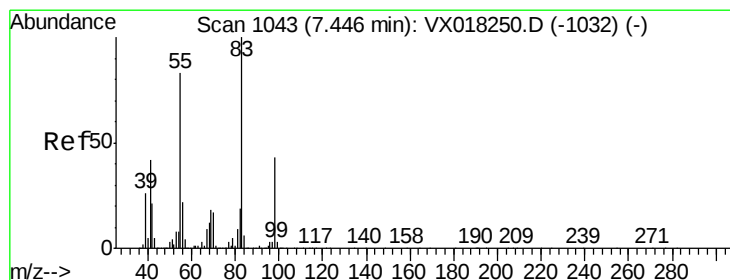
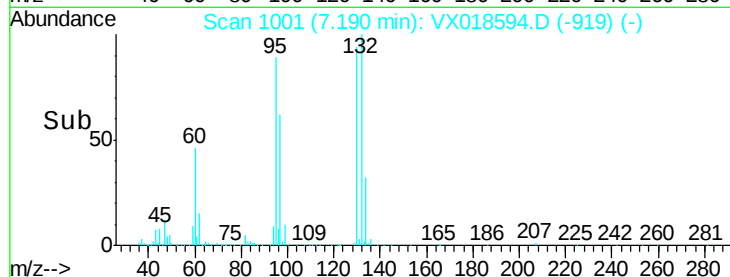
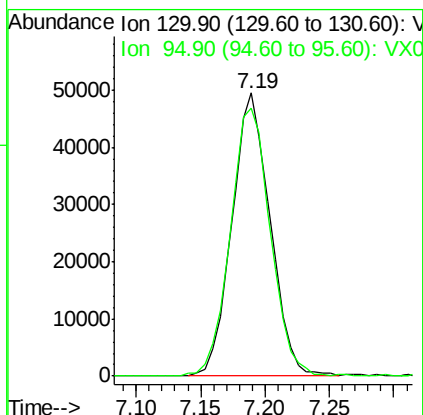
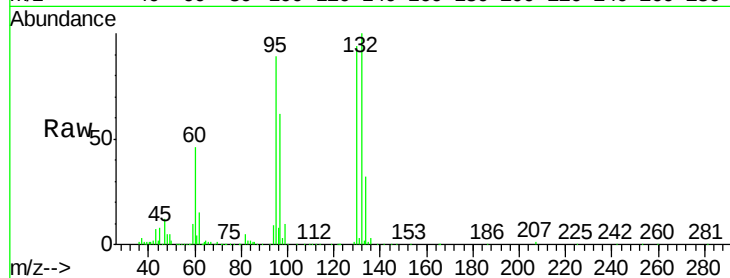
#37
 Trichloroethene
 Concen: 17.772 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018594.D
 Acq: 25 Sep 2020 14:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Tot Ion:130 Resp: 102028
 Ion Ratio Lower Upper
 130 100
 95 94.1 76.9 115.3

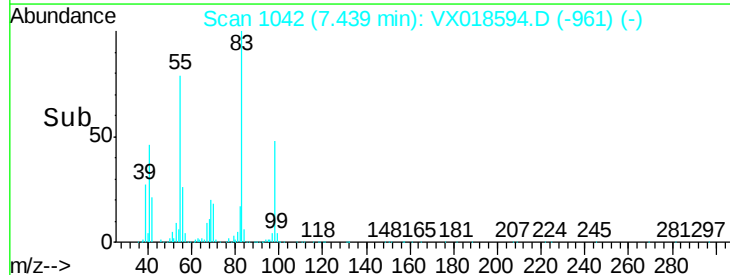
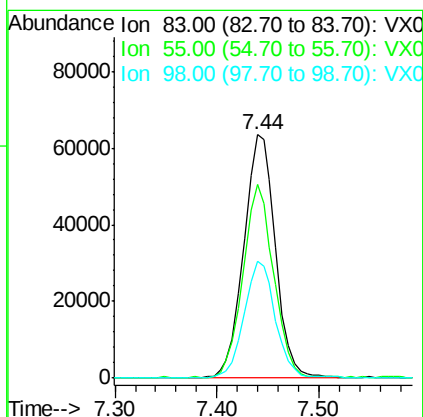
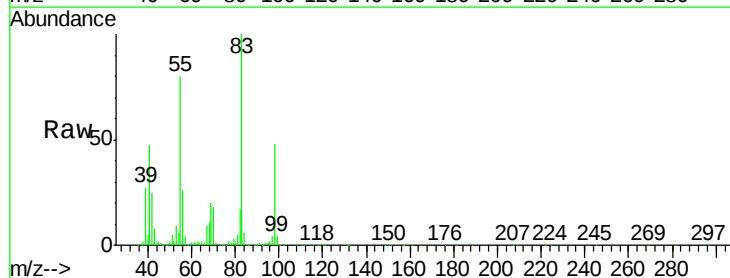
Manual Integrations
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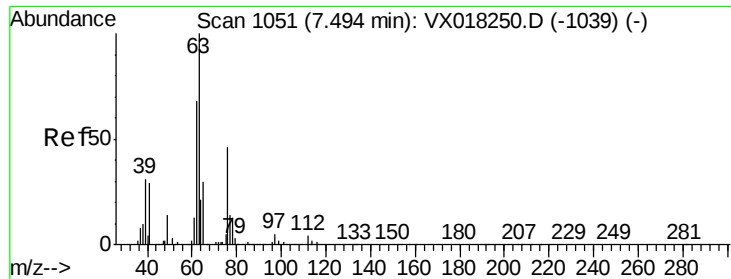
MMDadoda
 9/28/2020 12:50:03 PM



#38
 Methylcyclohexane
 Concen: 18.527 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX018594.D
 Acq: 25 Sep 2020 14:50

Tgt Ion: 83 Resp: 137255
 Ion Ratio Lower Upper
 83 100
 55 76.6 41.1 123.4
 98 47.4 24.0 72.0





#39

1,2-Dichloropropane

Concen: 17.423 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 63 Resp: 92646

Ion Ratio Lower Upper

63 100

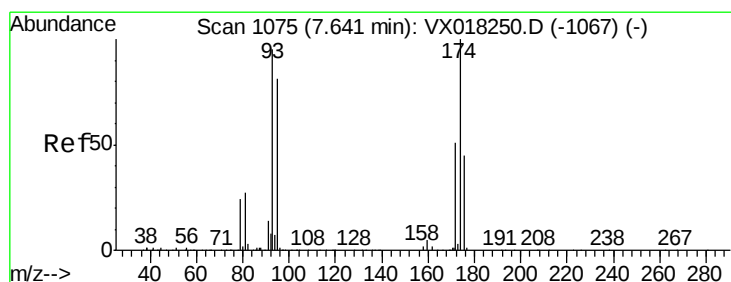
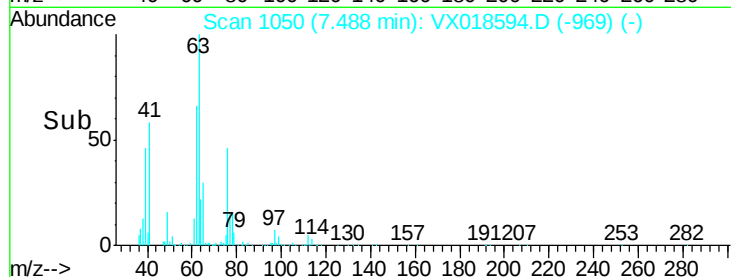
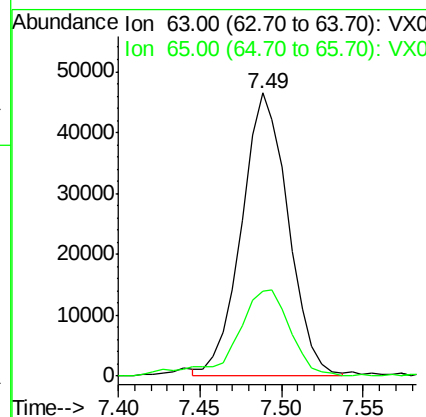
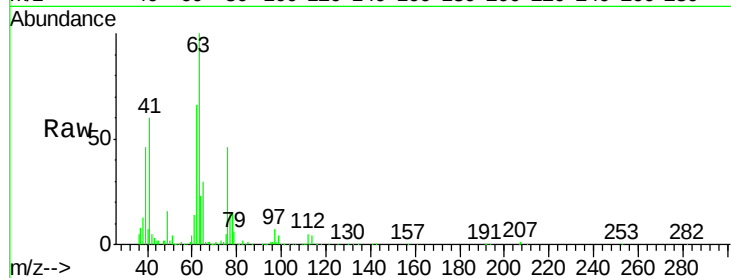
65 30.6 25.7 38.5

Manual Integrations

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#40

Dibromomethane

Concen: 18.068 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

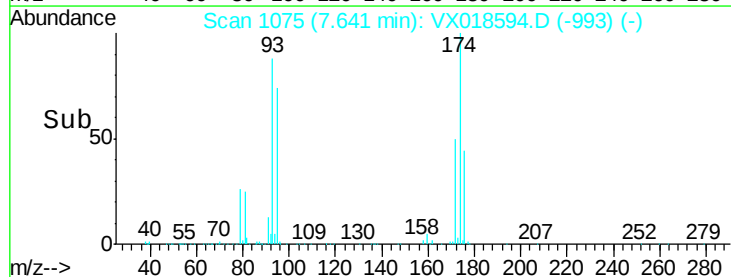
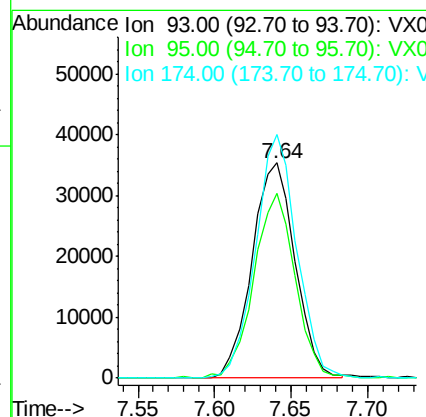
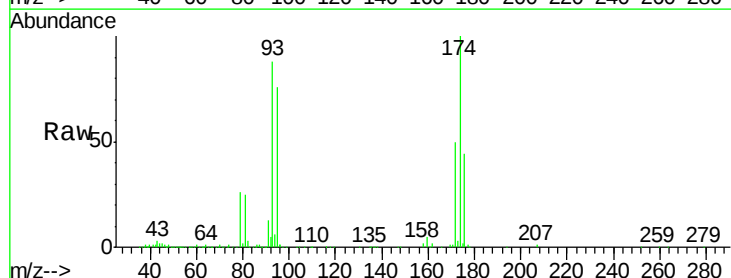
Tgt Ion: 93 Resp: 69379

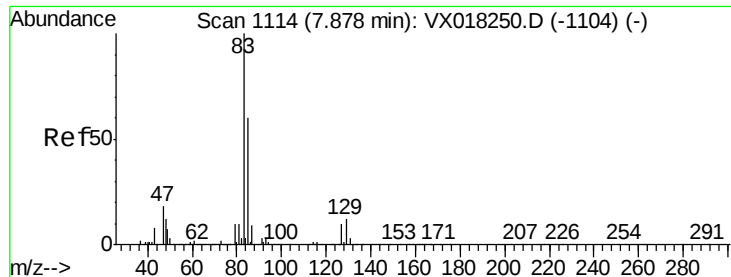
Ion Ratio Lower Upper

93 100

95 81.3 0.0 167.0

174 108.4 0.0 202.0





#41

Bromodichloromethane

Concen: 18.026 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

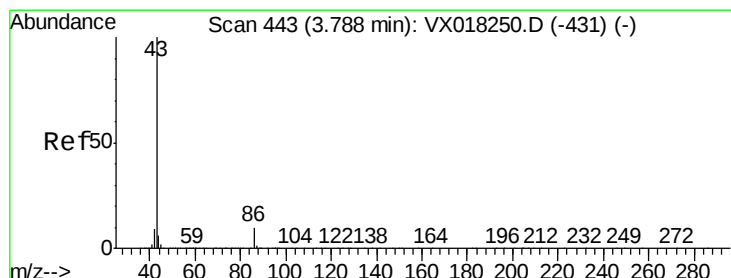
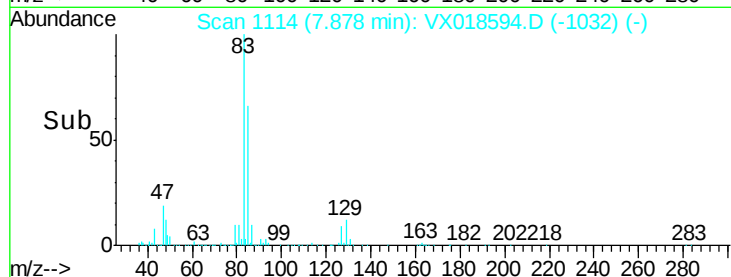
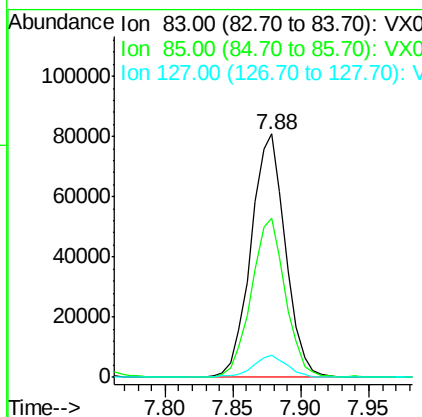
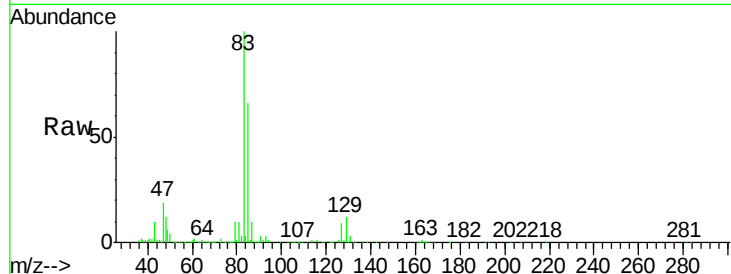
ClientSampleId :

VX0925WBS01

Tot Ion:	83	Resp:	143456
Ion	Ratio	Lower	Upper
83	100		
85	65.7	48.2	72.2
127	9.2	8.0	12.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 90.521 ug/l

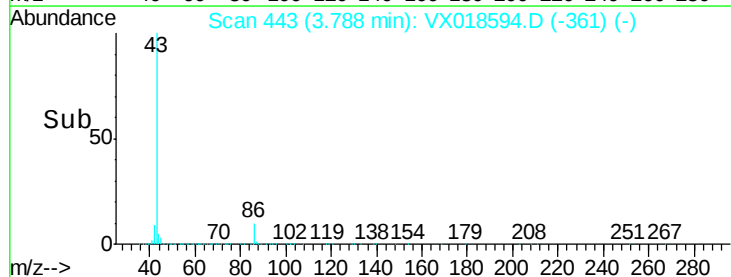
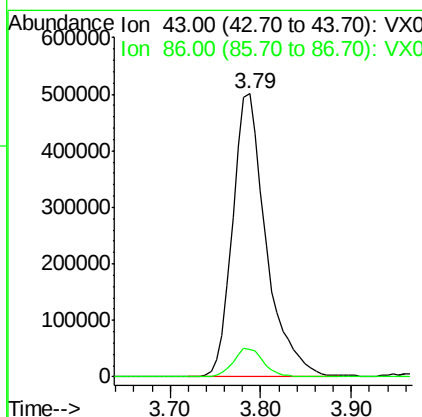
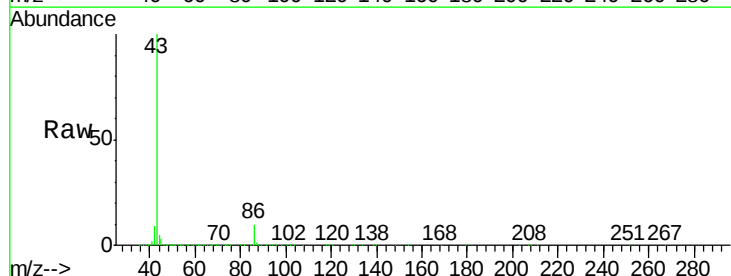
RT: 3.79 min Scan# 443

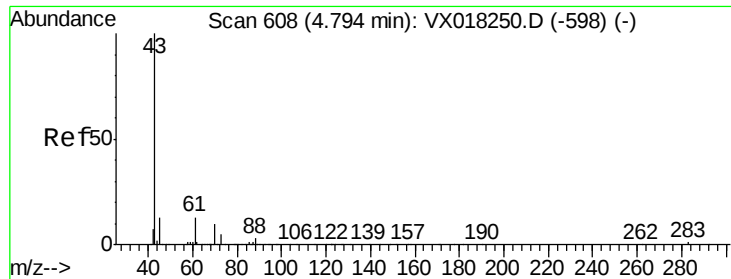
Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Tgt Ion:	43	Resp:	1286127
Ion	Ratio	Lower	Upper
43	100		
86	9.1	7.2	10.8





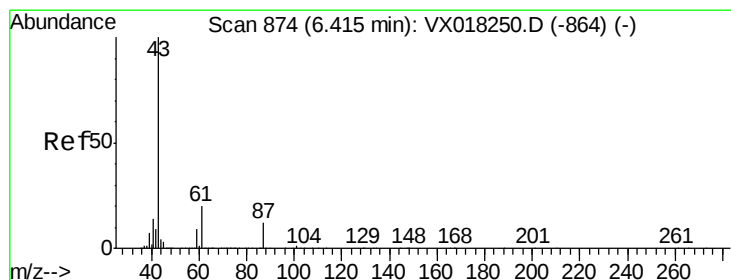
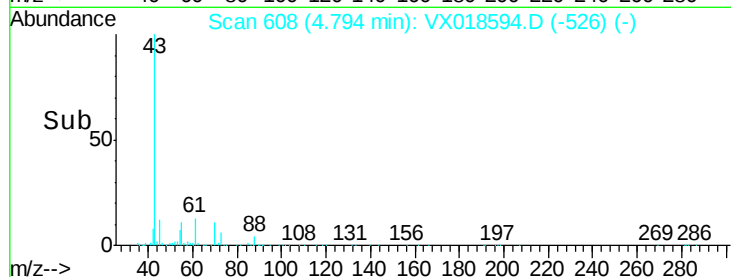
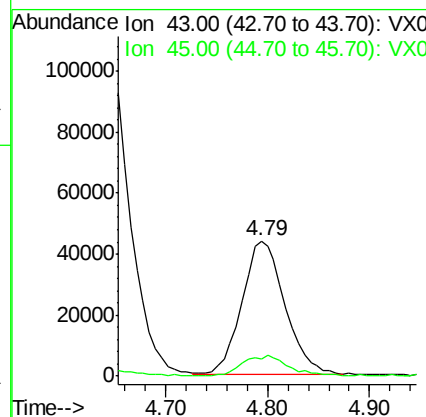
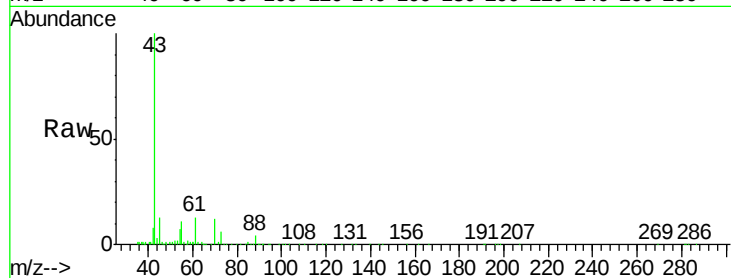
#43
Ethyl Acetate
Concen: 17.085 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
45	8.6	11.2	16.8#

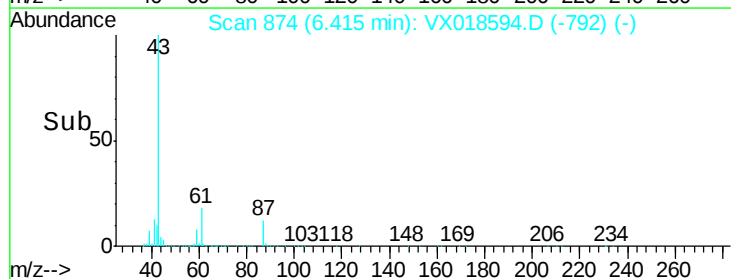
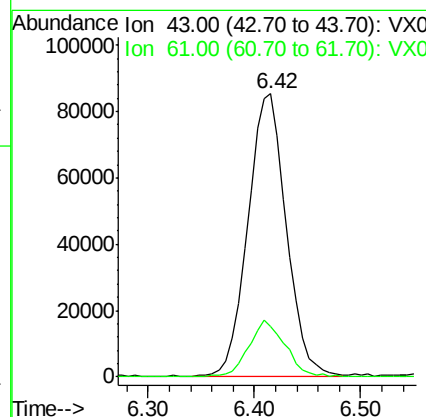
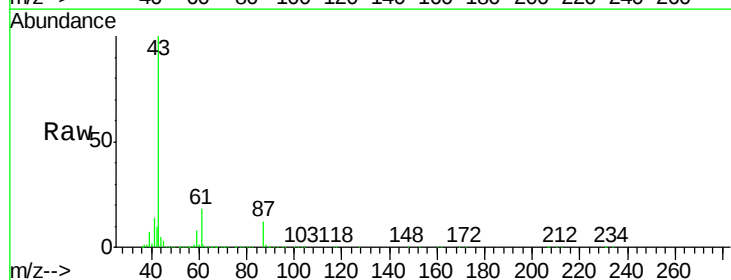
Manual Integrations
APPROVED

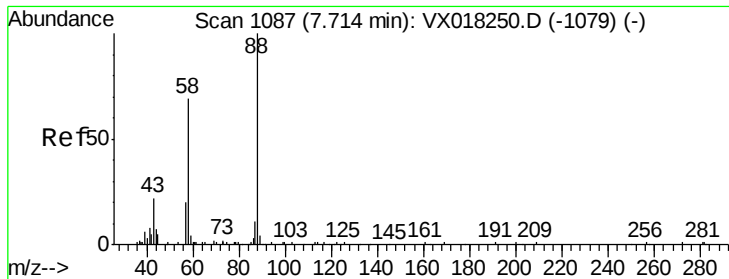
MMDadoda
9/28/2020 12:50:03 PM



#44
Isopropyl Acetate
Concen: 17.610 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.3	14.6	22.0





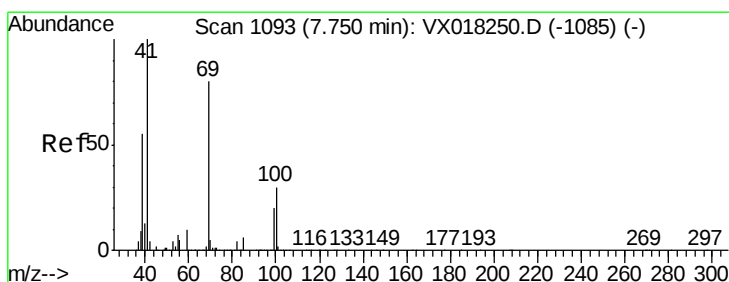
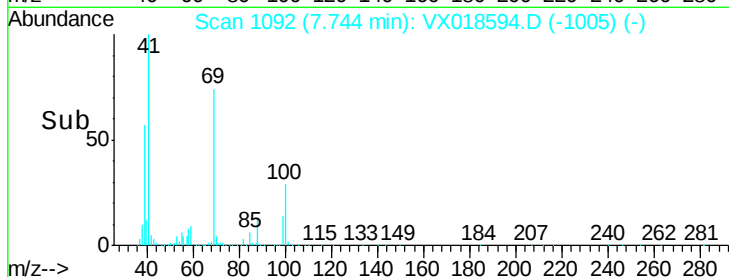
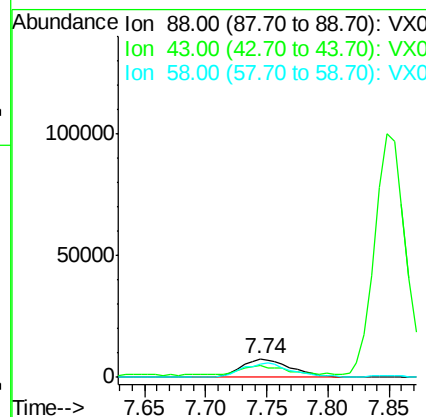
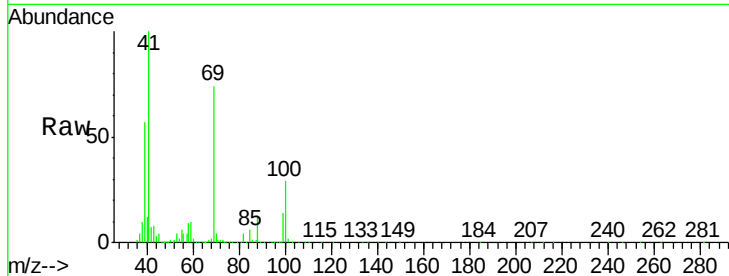
#45
 1,4-Dioxane
 Concen: 211.561 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.03 min
 Lab File: VX018594.D
 Acq: 25 Sep 2020 14:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.9	13.6	20.4#
58	77.6	58.2	87.4

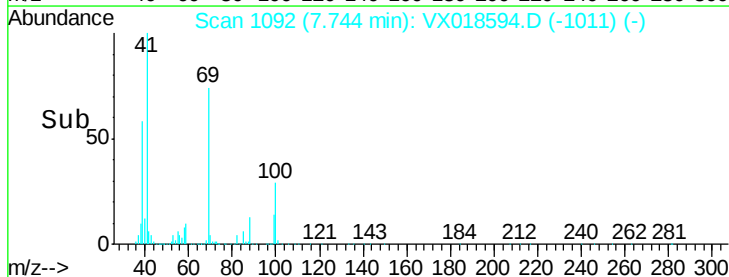
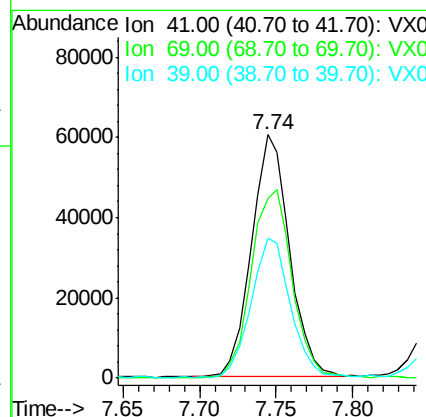
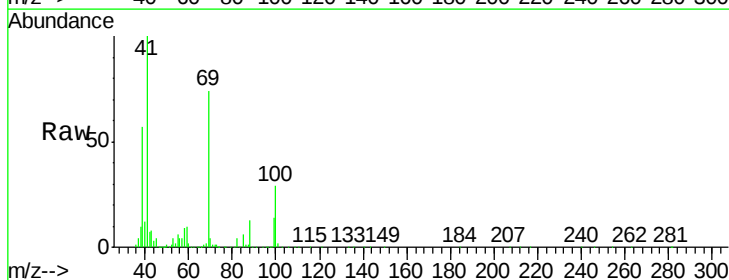
Manual Integrations
 APPROVED

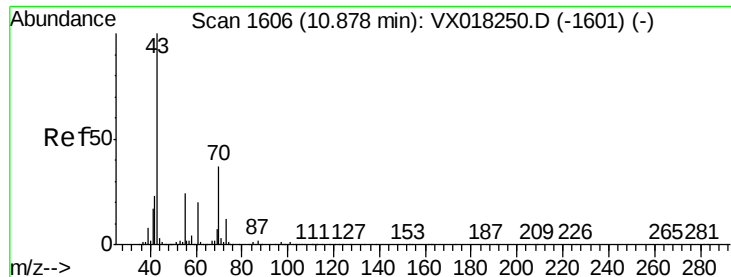
MMDadoda
 9/28/2020 12:50:03 PM



#46
 Methyl methacrylate
 Concen: 17.369 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: VX018594.D
 Acq: 25 Sep 2020 14:50

Tgt Ion	Ratio	Lower	Upper
41	100		
69	74.3	40.3	120.8
39	57.3	27.3	81.9





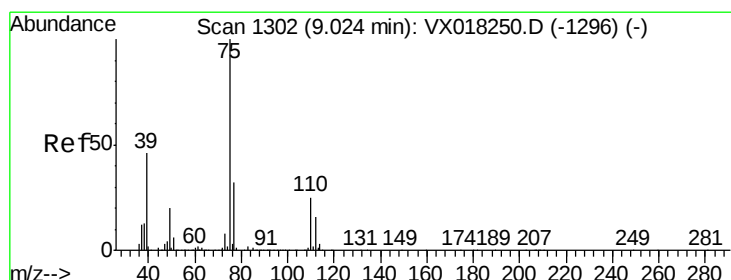
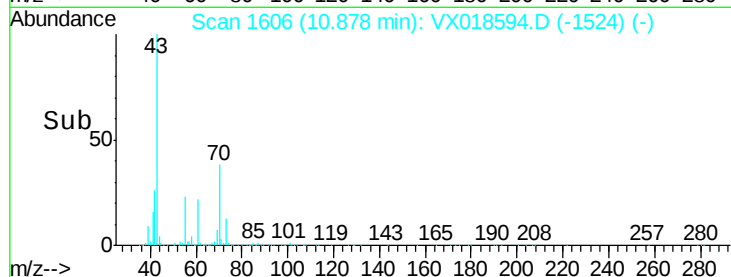
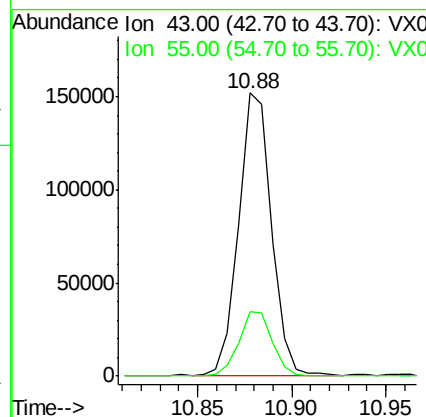
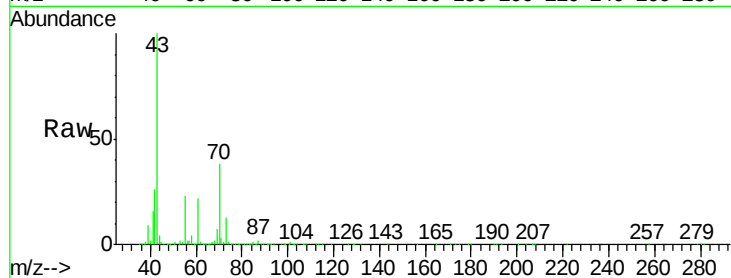
#47
n-amvl Acetate
Concen: 17.029 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	43	Resp	182611
Ion Ratio	100	Lower	Upper
55	23.0	18.9	28.3

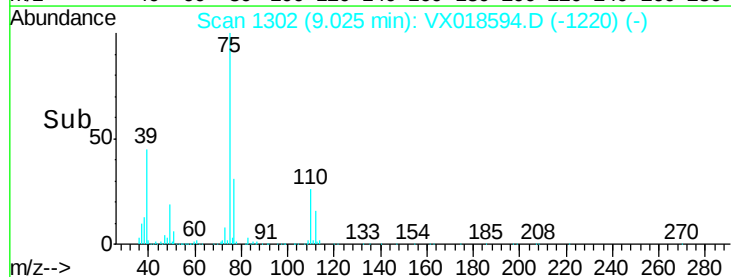
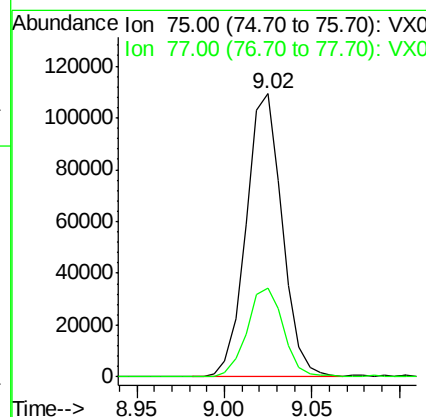
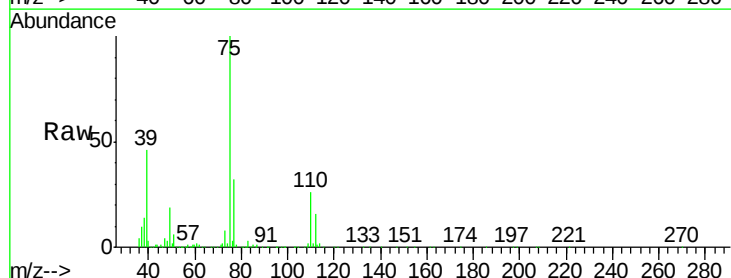
Manual Integrations
APPROVED

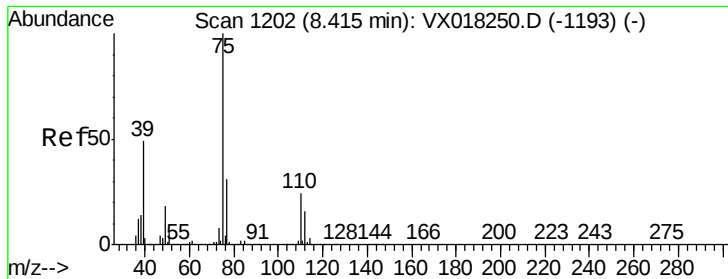
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 18.424 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Tgt Ion	75	Resp	157508
Ion Ratio	100	Lower	Upper
77	31.5	25.4	38.2





#49

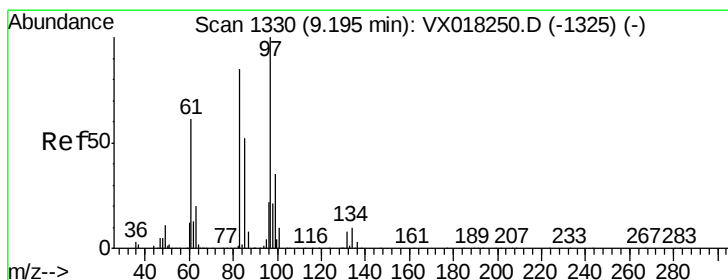
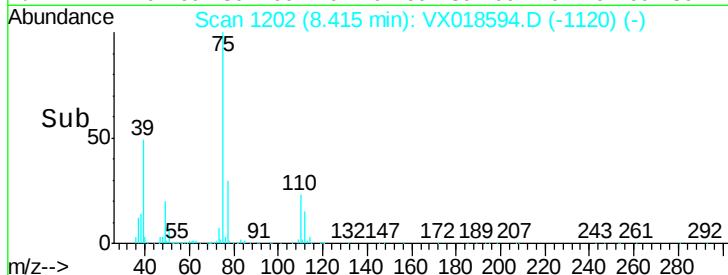
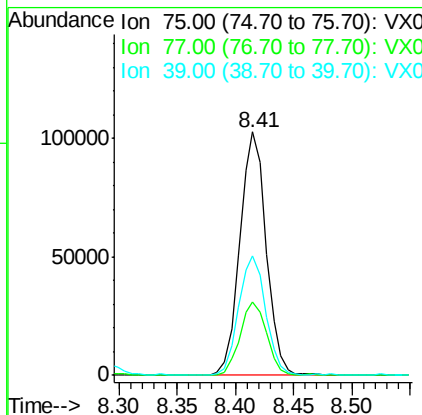
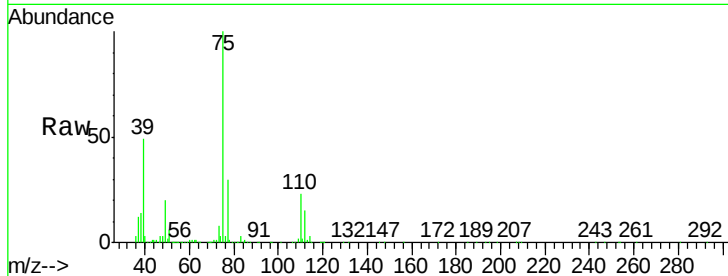
cis-1,3-Dichloropropene
Concen: 18.175 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	24.7	37.1
39	48.7	39.6	59.4

Manual Integrations
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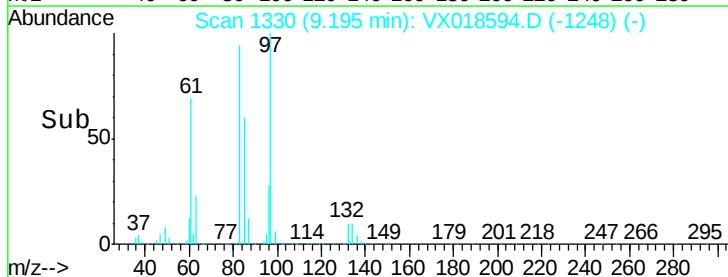
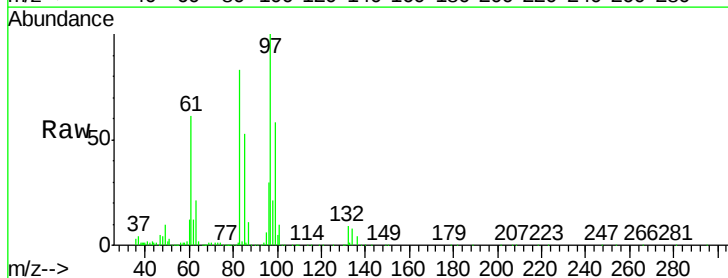
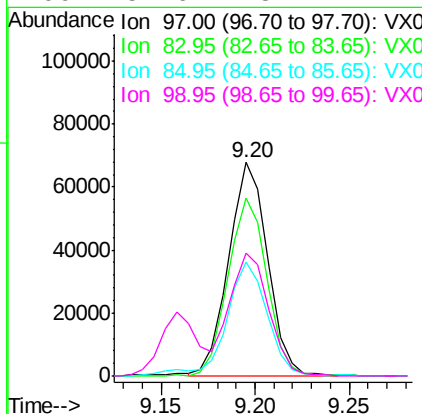
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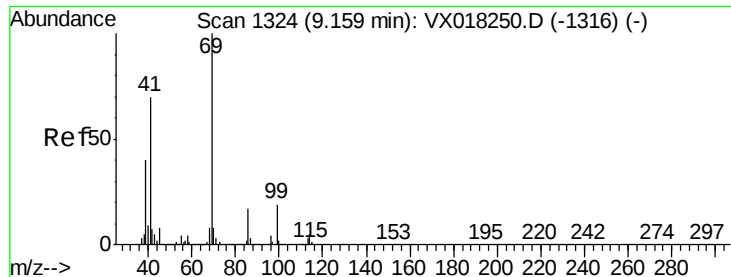


#50

1,1,2-Trichloroethane
Concen: 18.170 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.4	68.1	102.1
85	53.2	42.6	64.0
99	57.6	48.2	72.2





#51

Ethyl methacrylate

Concen: 17.915 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

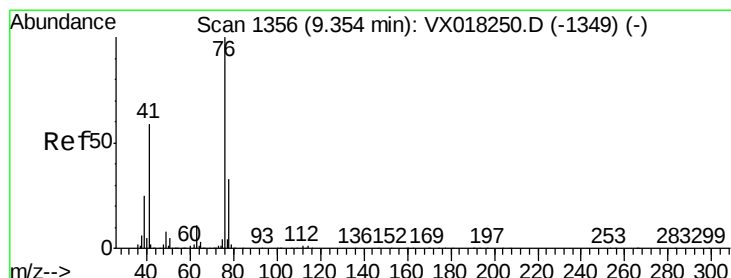
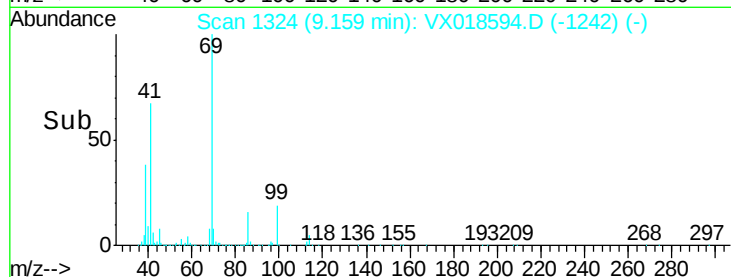
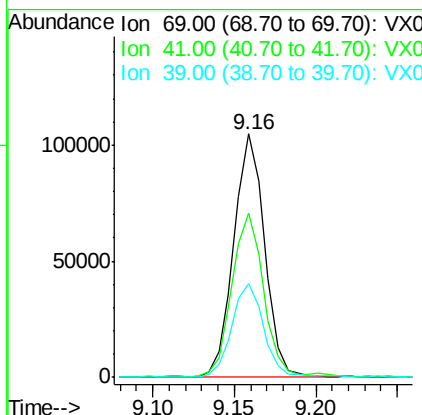
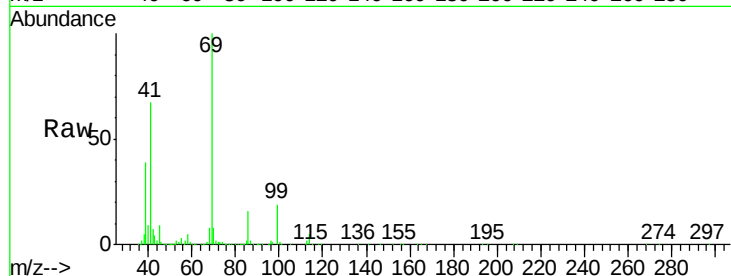
ClientSampleId :

VX0925WBS01

Tot Ion:	69	Resp:	138858
Ion Ratio	Lower	Upper	
69	100		
41	67.0	34.9	104.7
39	38.5	19.8	59.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 17.984 ug/l

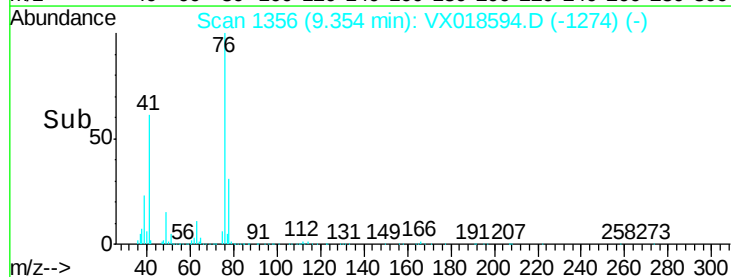
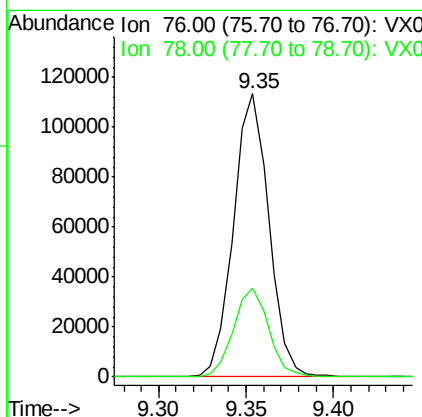
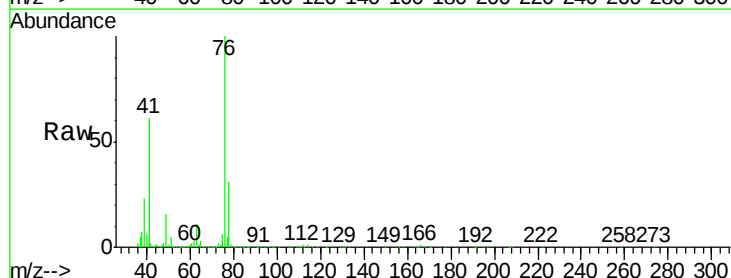
RT: 9.35 min Scan# 1356

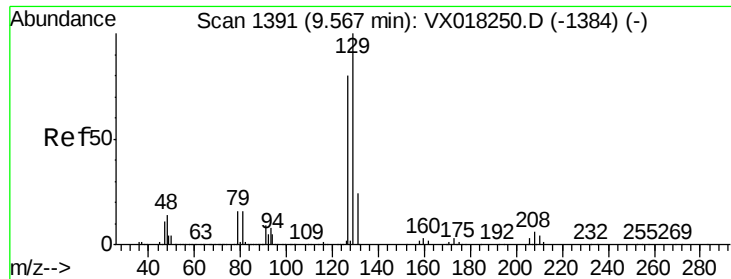
Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Tgt Ion:	76	Resp:	159721
Ion Ratio	Lower	Upper	
76	100		
78	31.2	0.0	62.2





#53

Dibromochloromethane

Concen: 17.536 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion:129 Resp: 116663

Ion Ratio Lower Upper

129 100

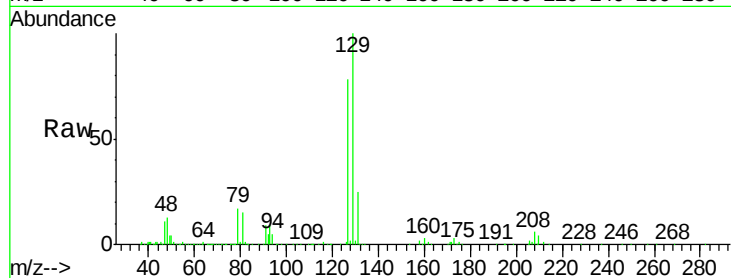
127 77.9 38.9 116.6

Manual Integrations

APPROVED

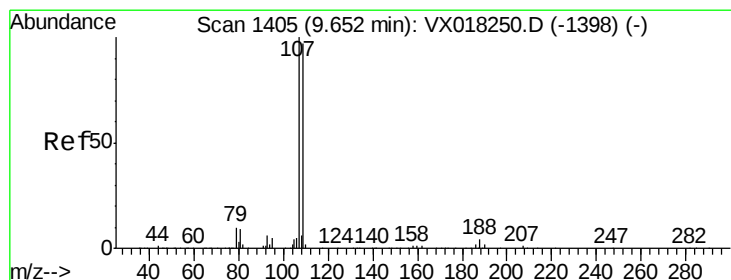
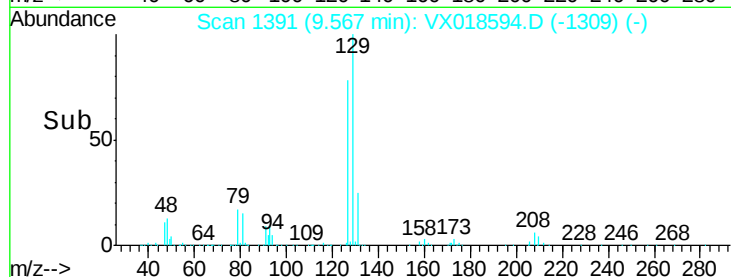
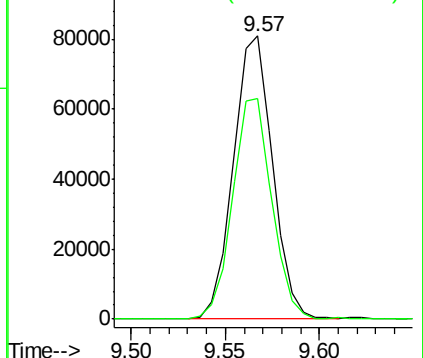
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 17.594 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018594.D

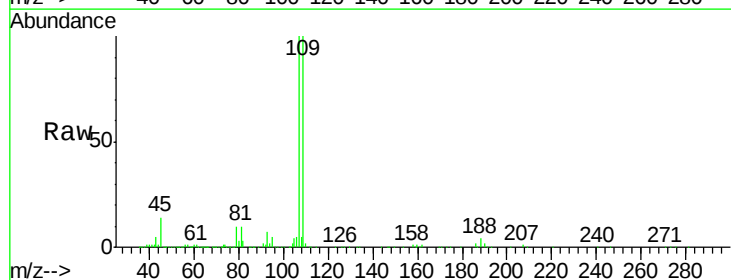
Acq: 25 Sep 2020 14:50

Tgt Ion:107 Resp: 103271

Ion Ratio Lower Upper

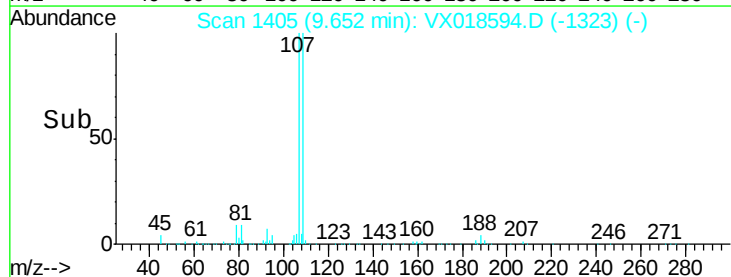
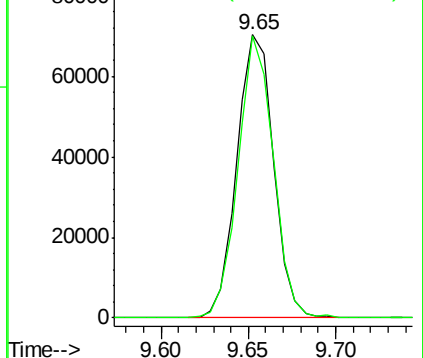
107 100

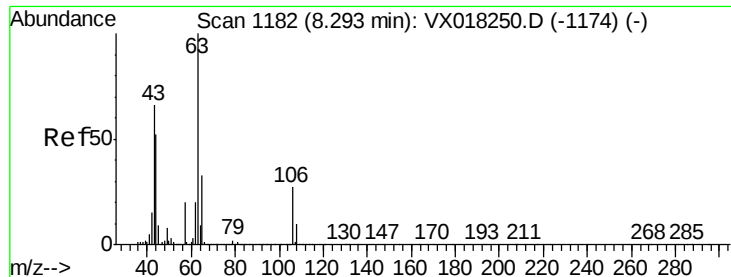
109 95.4 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 87.601 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 63 Resp: 354575

Ion Ratio Lower Upper

63 100

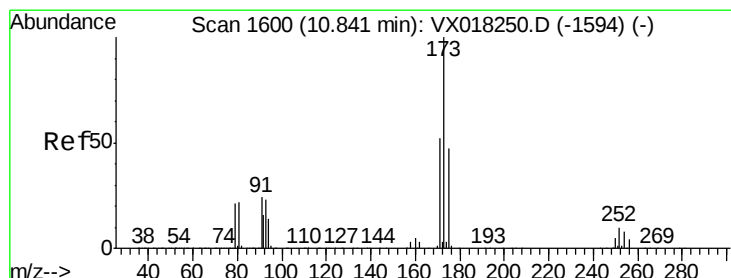
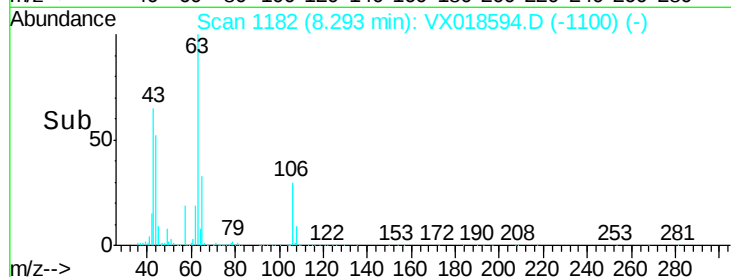
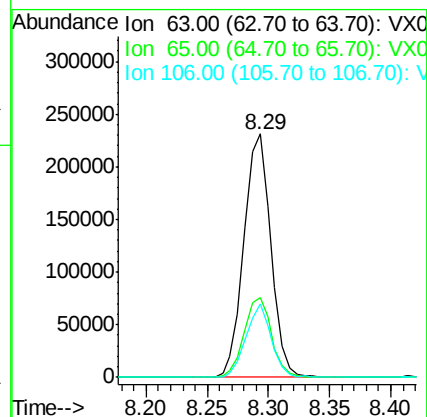
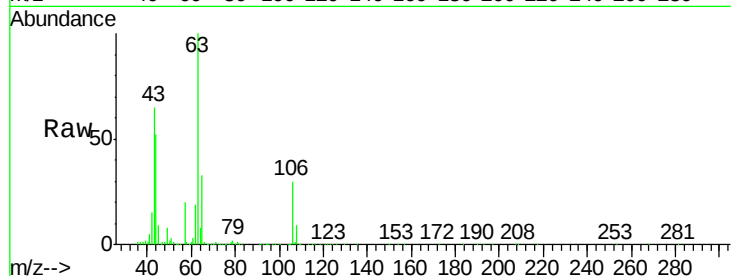
65 33.2 26.0 39.0

106 27.9 22.3 33.5

Manual Integrations
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#56

Bromoform

Concen: 17.306 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

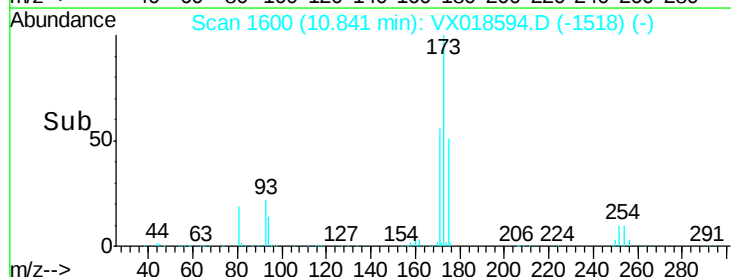
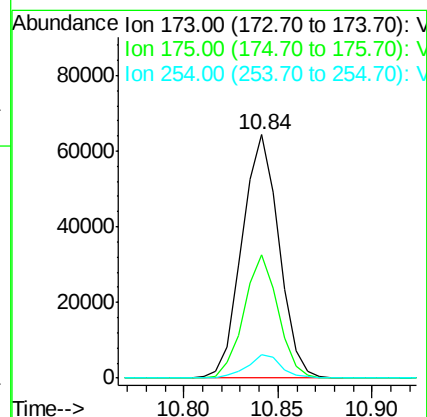
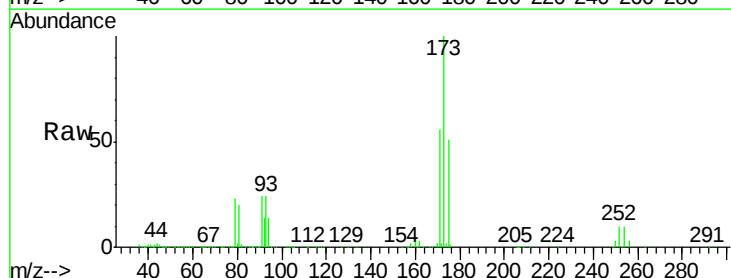
Tgt Ion: 173 Resp: 87482

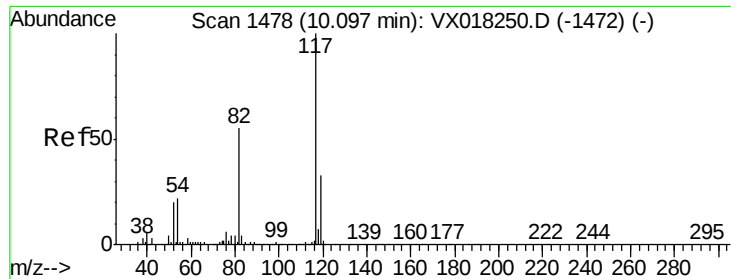
Ion Ratio Lower Upper

173 100

175 46.3 40.2 60.2

254 8.7 7.3 10.9





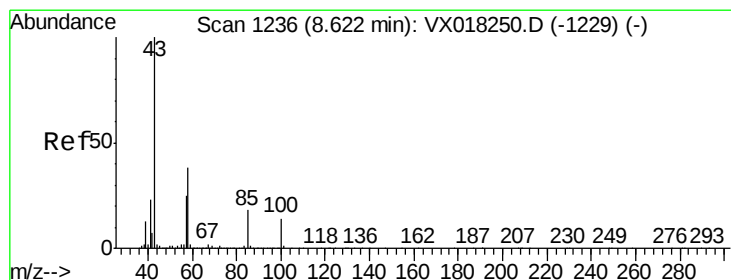
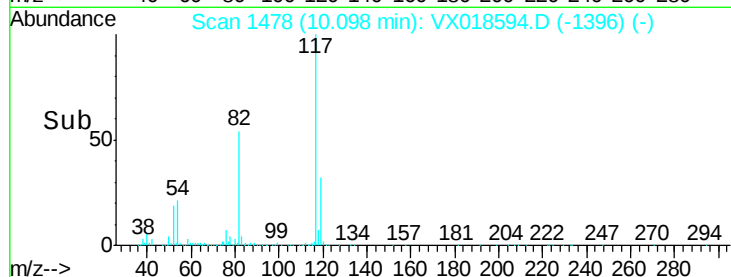
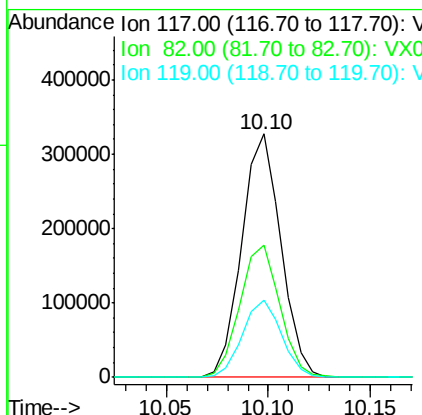
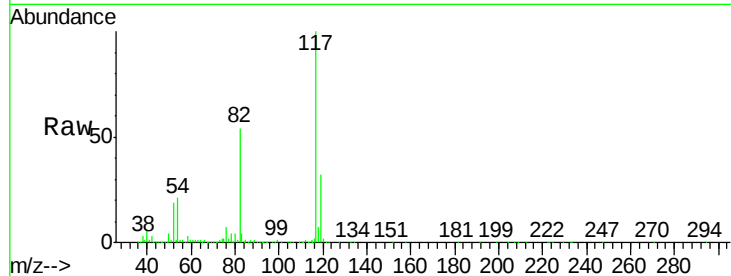
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.2	66.4
119	31.7	26.1	39.1

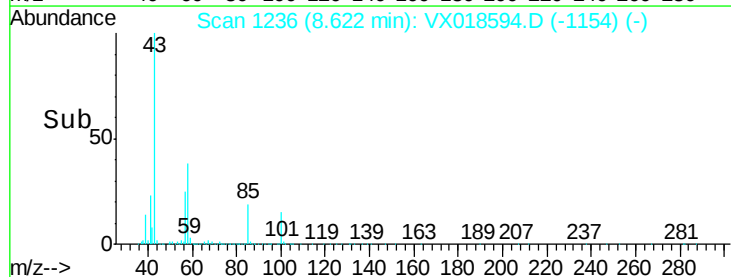
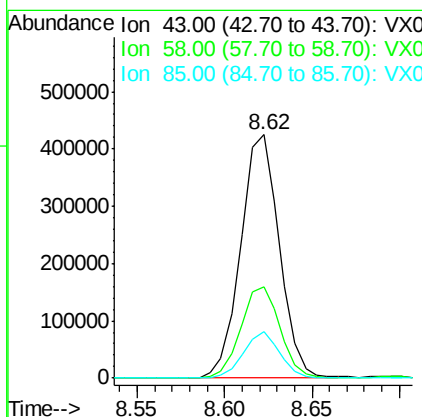
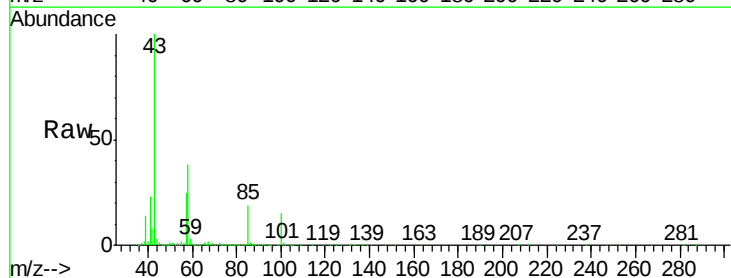
Manual Integrations
APPROVED

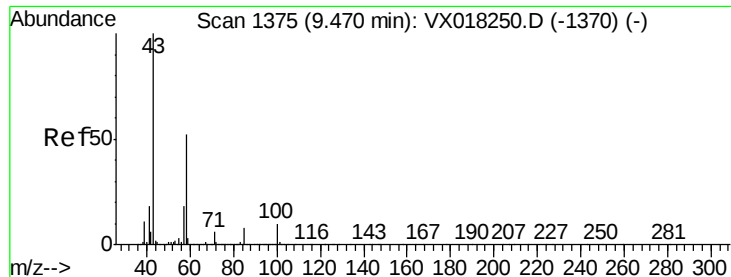
MMDadoda
9/28/2020 12:50:03 PM



#58
4-Methyl-2-Pentanone
Concen: 86.920 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.0	45.0
85	18.1	14.2	21.4





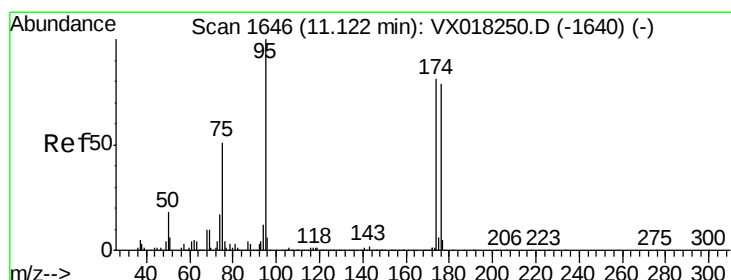
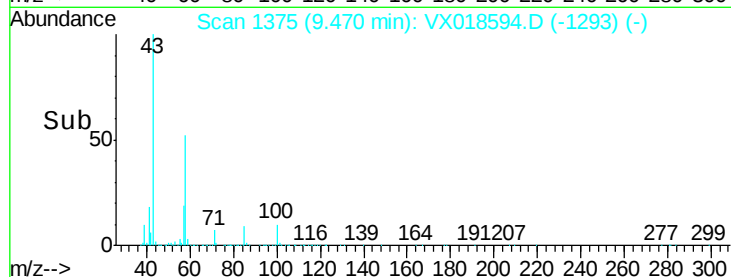
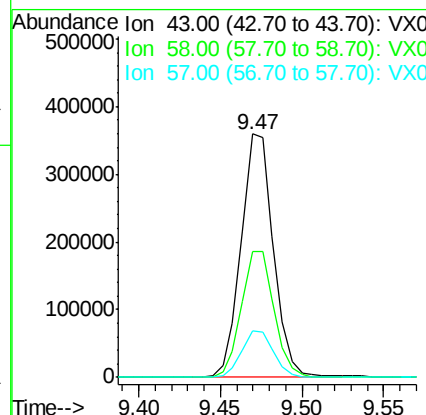
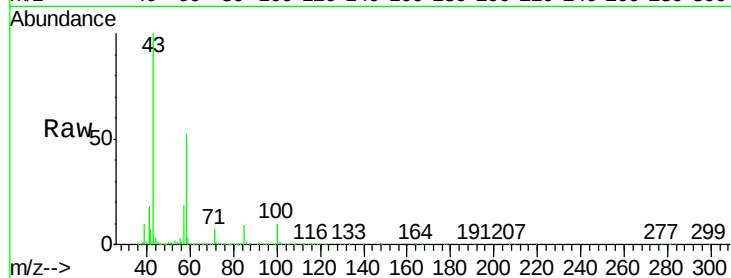
#59
2-Hexanone
Concen: 86.921 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.5	42.5	63.7
57	19.0	14.8	22.2

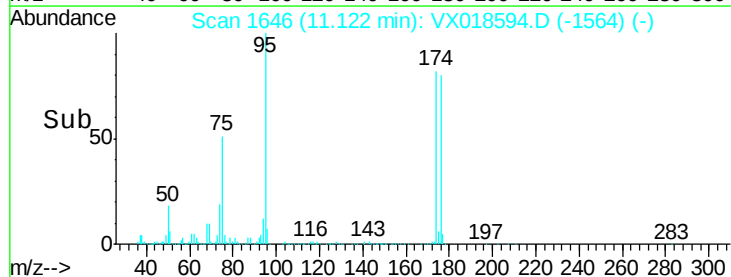
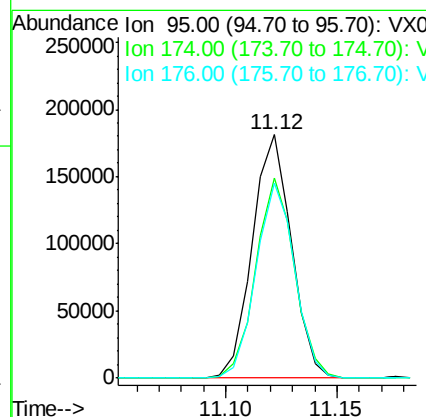
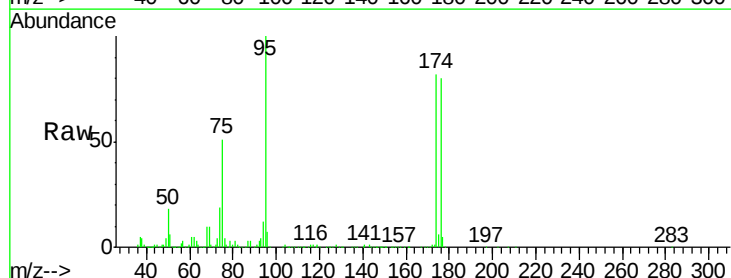
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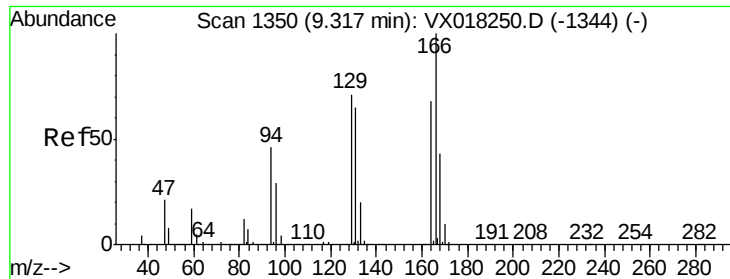
MMDadoda
9/28/2020 12:50:03 PM



#60
4-Bromofluorobenzene
Concen: 29.417 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.7	64.2	96.4
176	78.9	62.2	93.4





#61

Tetrachloroethene

Concen: 16.672 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion:164 Resp: 90793

Ion Ratio Lower Upper

164 100

166 130.9 117.4 176.0

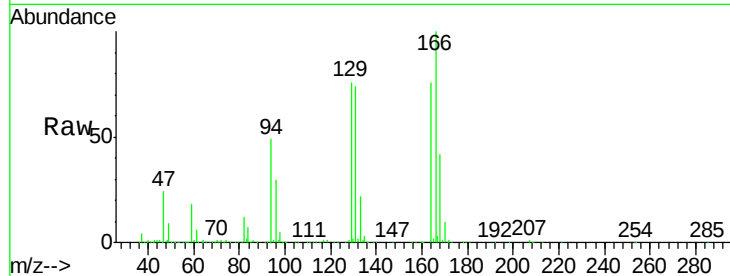
129 99.4 82.7 124.1

131 97.0 76.7 115.1

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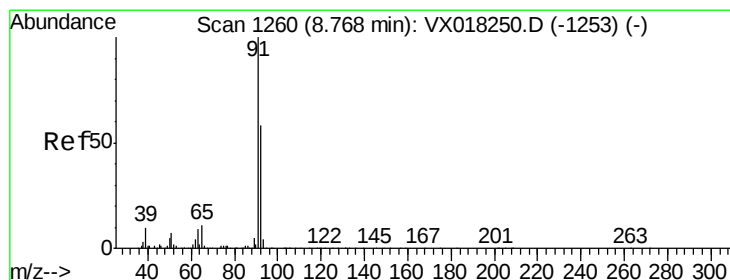
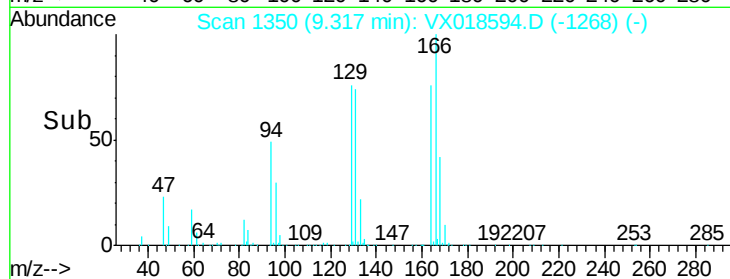
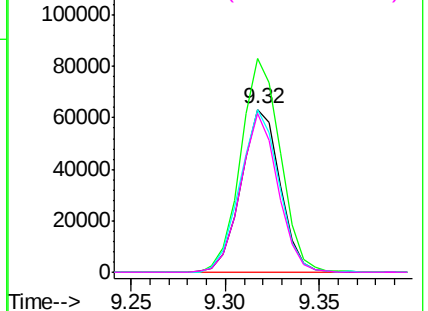


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 17.789 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018594.D

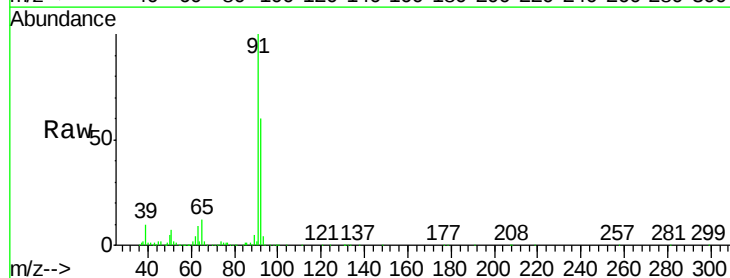
Acq: 25 Sep 2020 14:50

Tgt Ion: 91 Resp: 390917

Ion Ratio Lower Upper

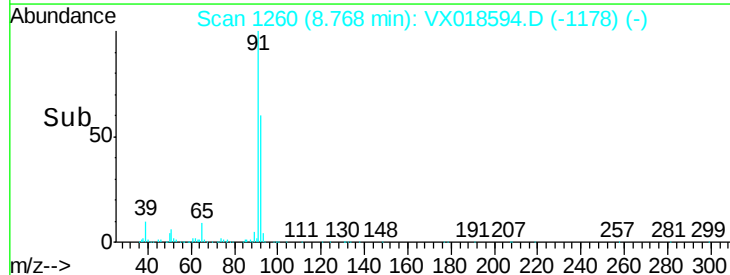
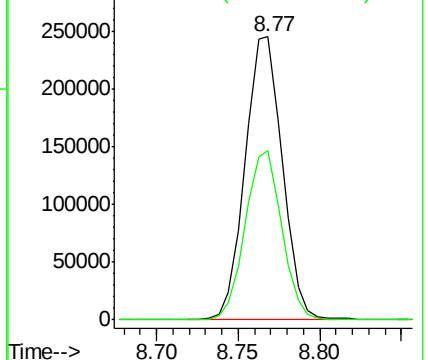
91 100

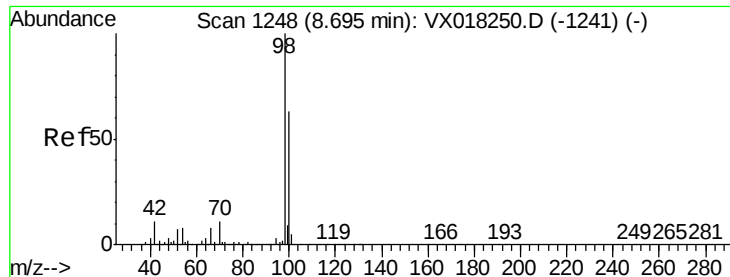
92 58.8 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.147 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 98 Resp: 560955

Ion Ratio Lower Upper

98 100

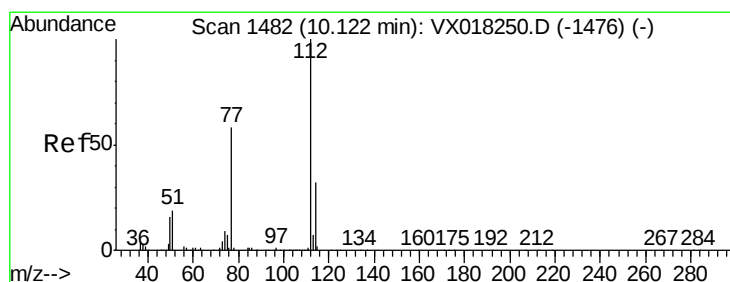
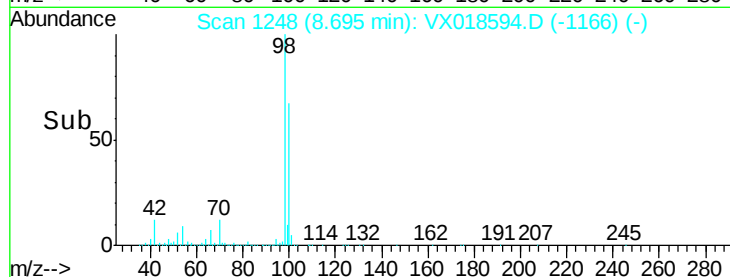
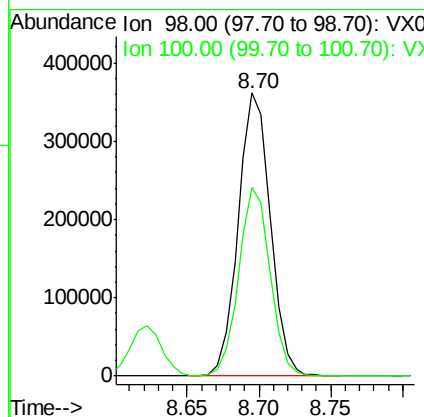
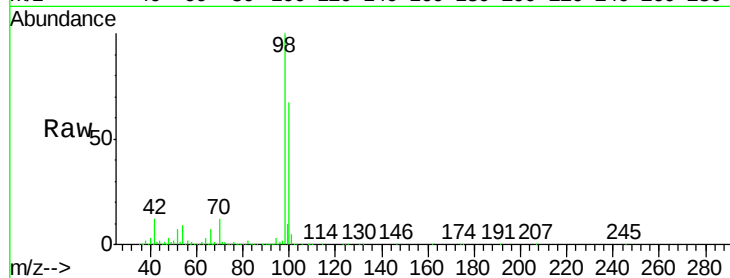
100 65.0 51.4 77.0

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#64

Chlorobenzene

Concen: 17.865 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018594.D

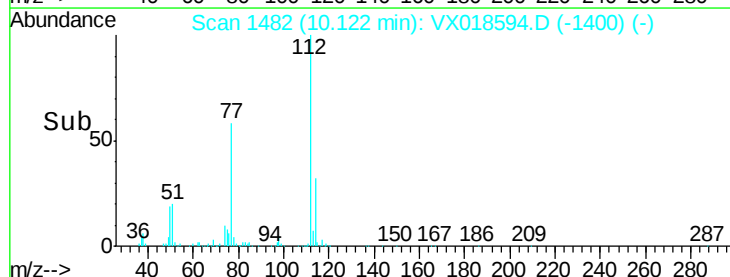
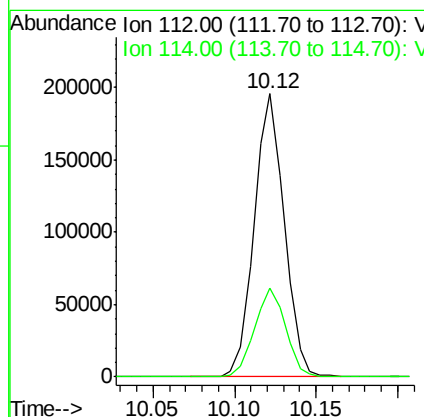
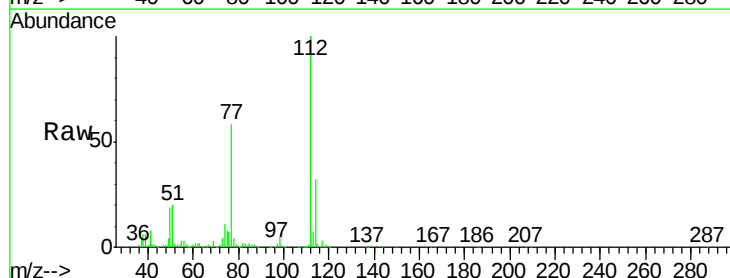
Acq: 25 Sep 2020 14:50

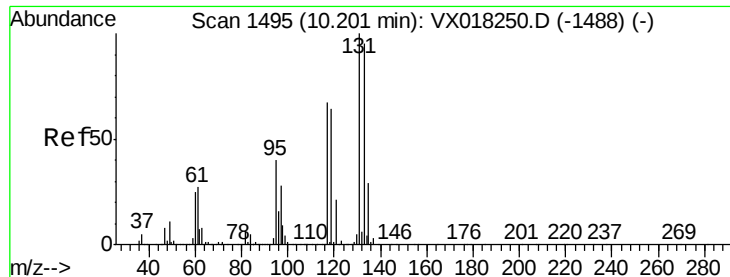
Tgt Ion: 112 Resp: 252287

Ion Ratio Lower Upper

112 100

114 31.6 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 18.435 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

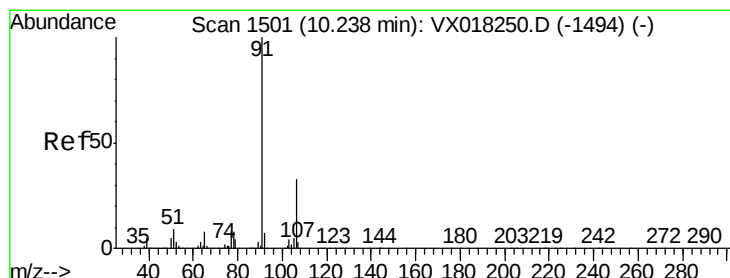
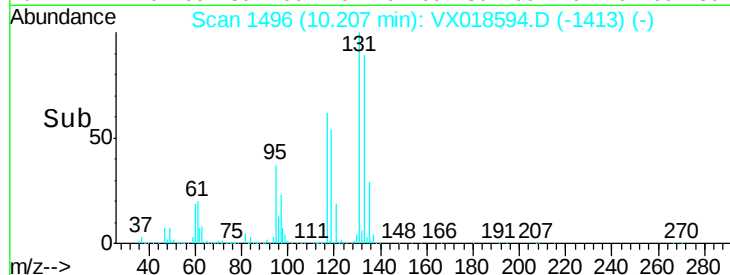
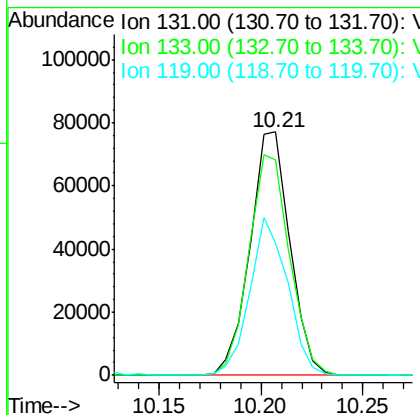
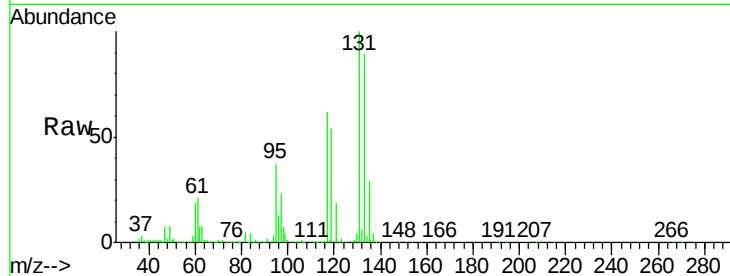
ClientSampleId :

VX0925WBS01

Tot Ion:	131	Resp:	105435
Ion Ratio	Lower	Upper	
131	100		
133	92.9	0.0	197.2
119	61.3	0.0	129.8

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#66

Ethyl Benzene

Concen: 18.114 ug/l

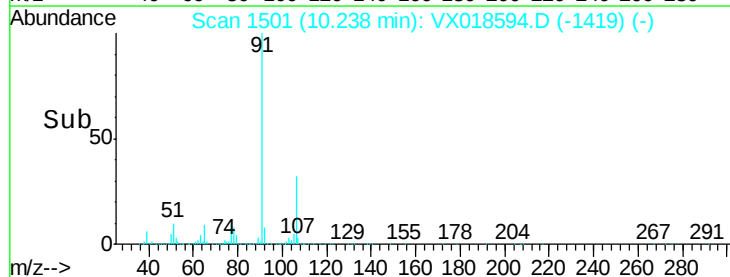
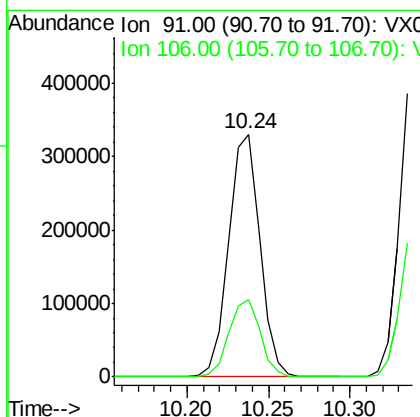
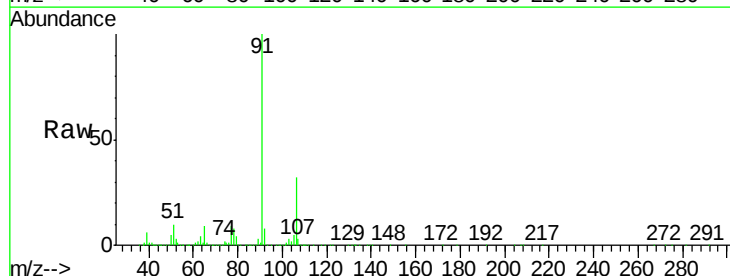
RT: 10.24 min Scan# 1501

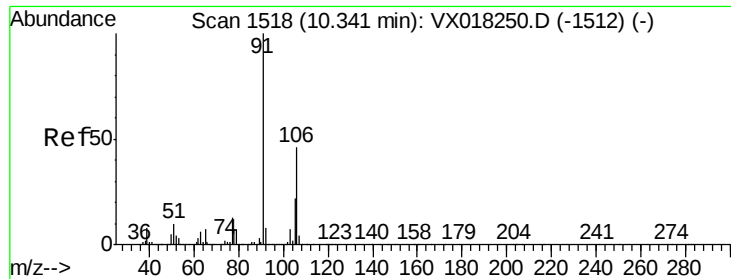
Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Tgt Ion:	91	Resp:	439828
Ion Ratio	Lower	Upper	
91	100		
106	31.9	26.3	39.5





#67

m/p-Xylenes

Concen: 35.689 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion:106 Resp: 331403

Ion Ratio Lower Upper

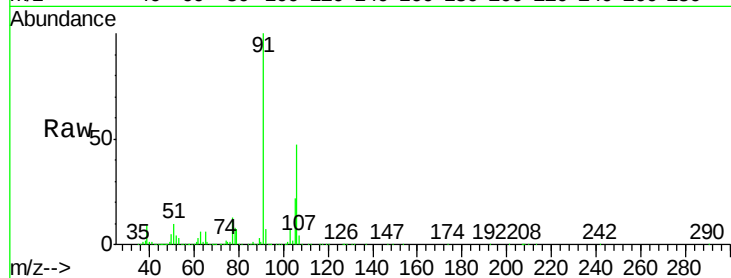
106 100

91 208.5 166.2 249.2

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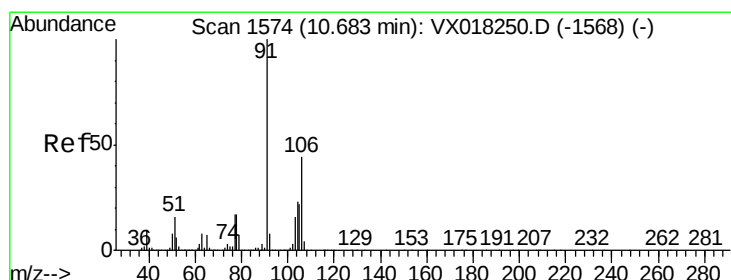
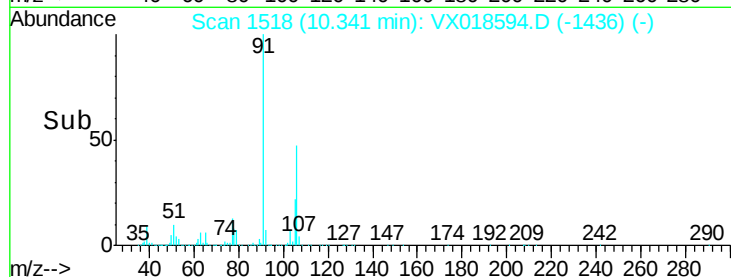
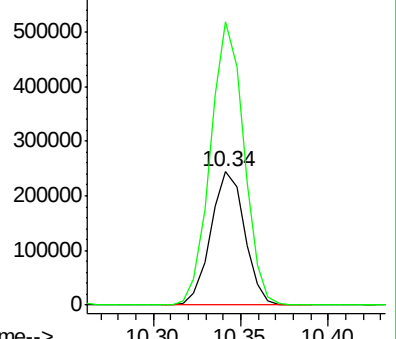
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 17.805 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018594.D

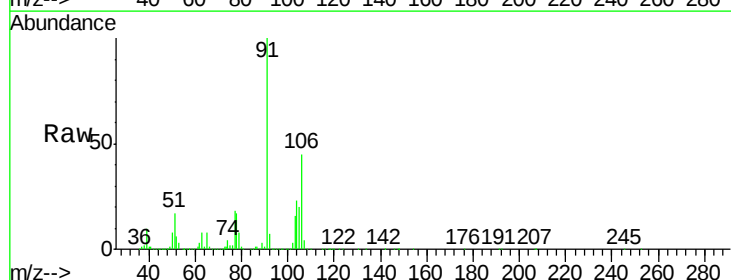
Acq: 25 Sep 2020 14:50

Tgt Ion:106 Resp: 156224

Ion Ratio Lower Upper

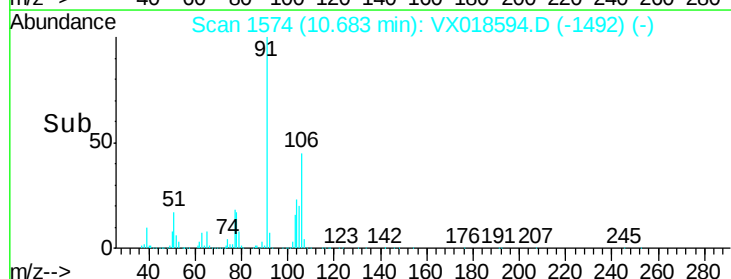
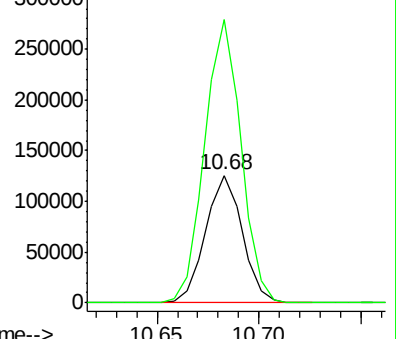
106 100

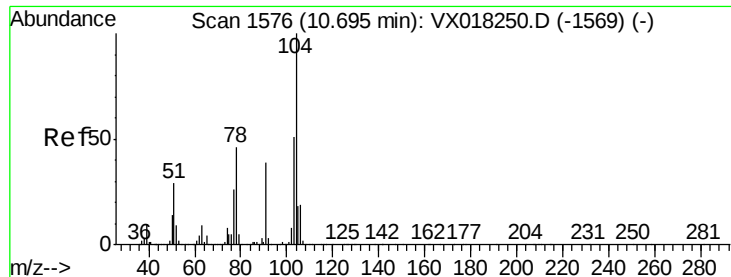
91 219.8 109.2 327.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





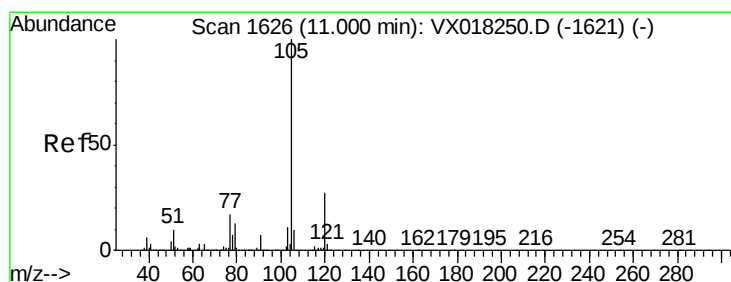
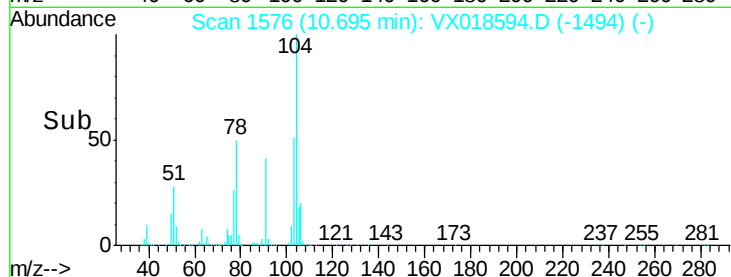
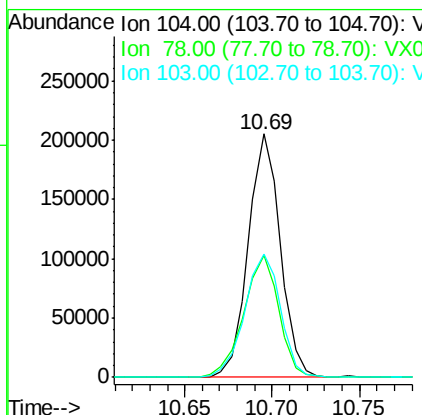
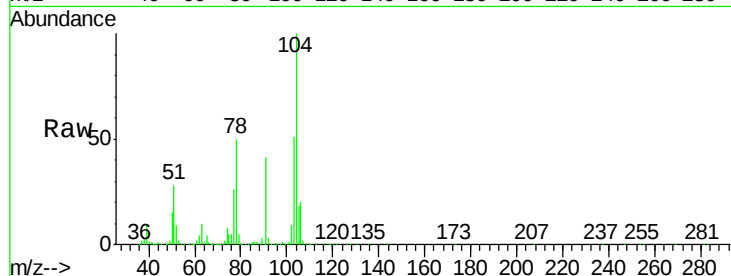
#69
Stvrene
Concen: 17.090 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.6	41.7	62.5
103	56.7	44.2	66.2

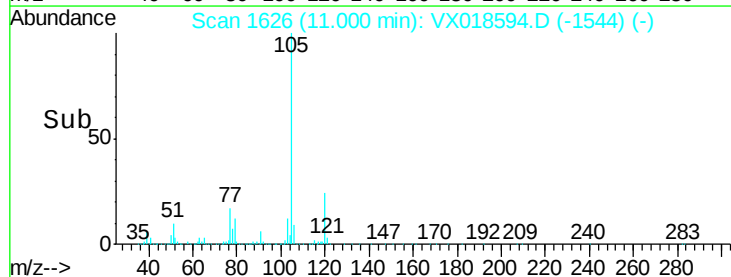
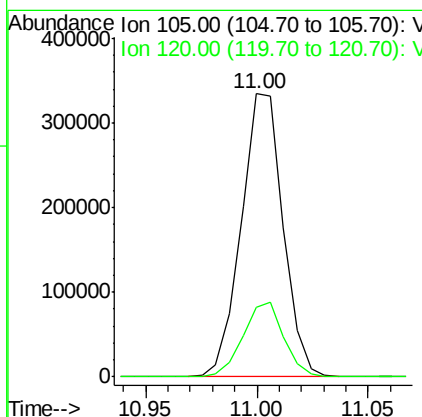
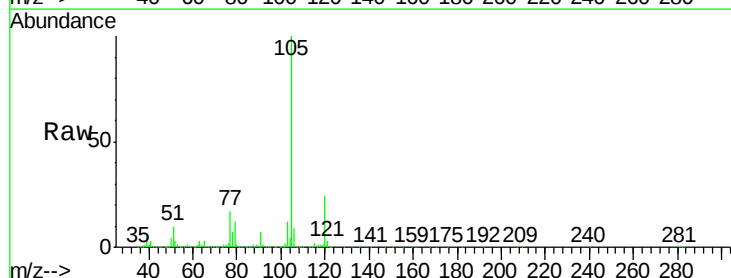
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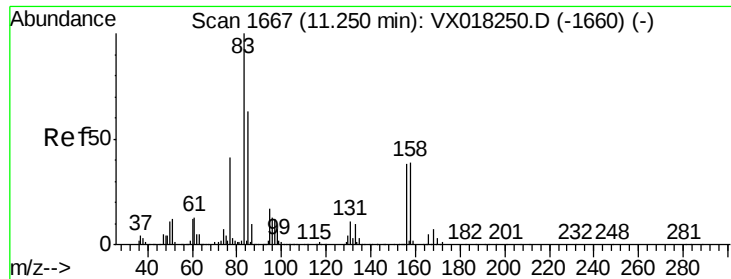
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#70
Isopropylbenzene
Concen: 17.980 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.7	18.7	34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 17.650 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 83 Resp: 140738

Ion Ratio Lower Upper

83 100

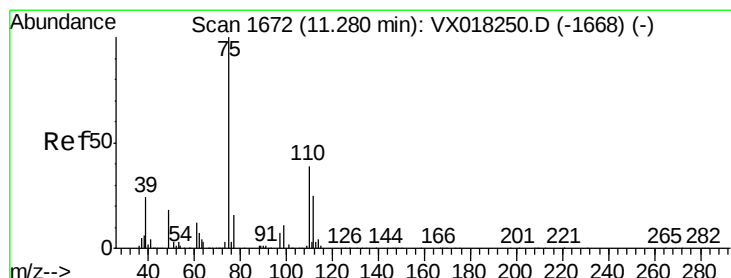
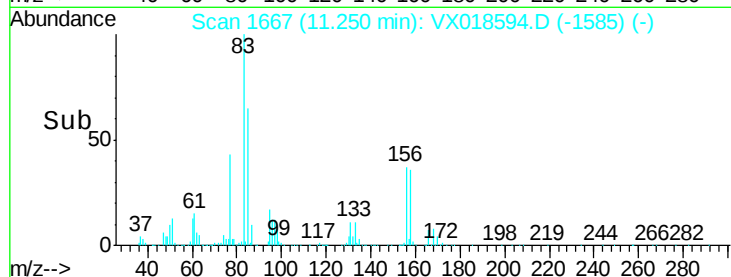
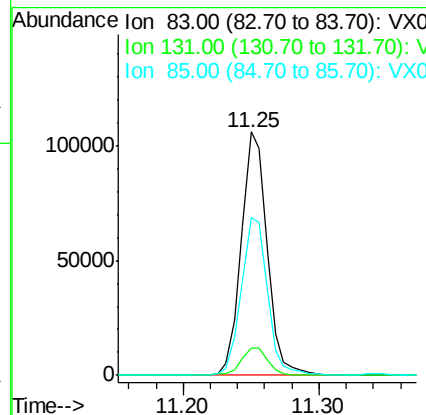
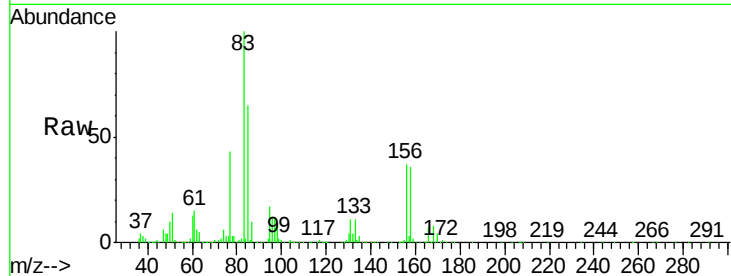
131 12.0 5.8 17.3

85 66.0 31.3 93.9

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#72

1,2,3-Trichloropropane

Concen: 16.572 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018594.D

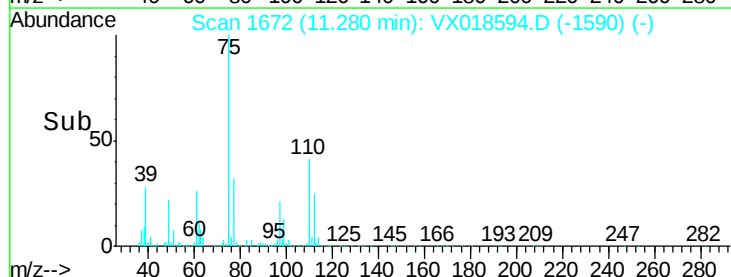
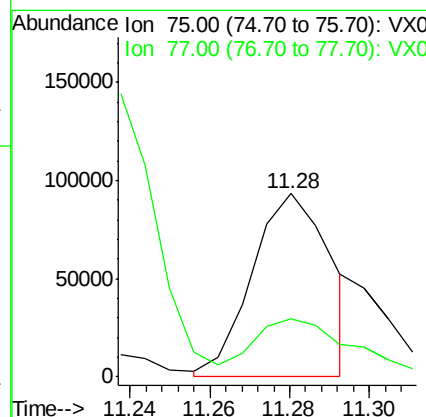
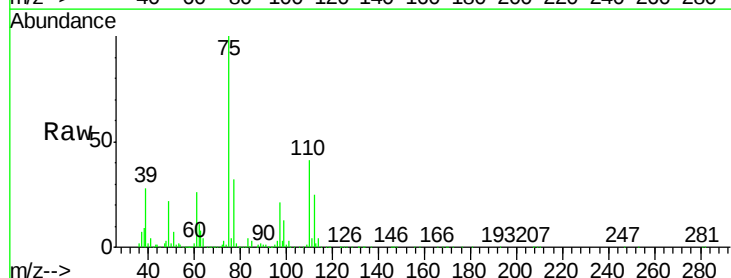
Acq: 25 Sep 2020 14:50

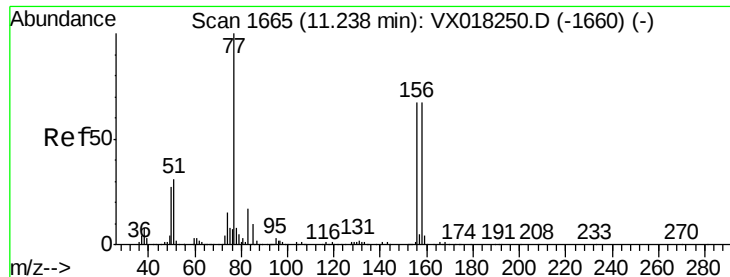
Tgt Ion: 75 Resp: 126957

Ion Ratio Lower Upper

75 100

77 40.2 0.0 74.8





#73

Bromobenzene

Concen: 17.066 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

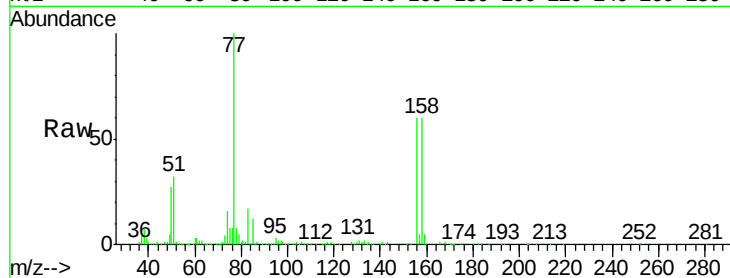
ClientSampleId :

VX0925WBS01

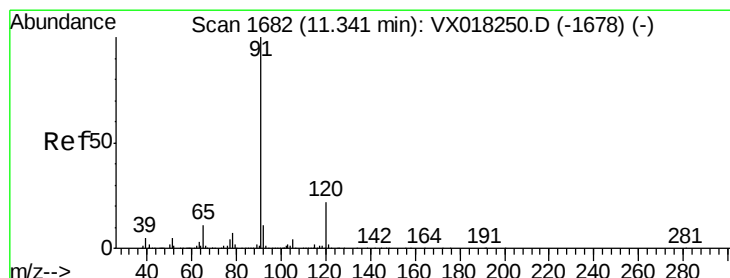
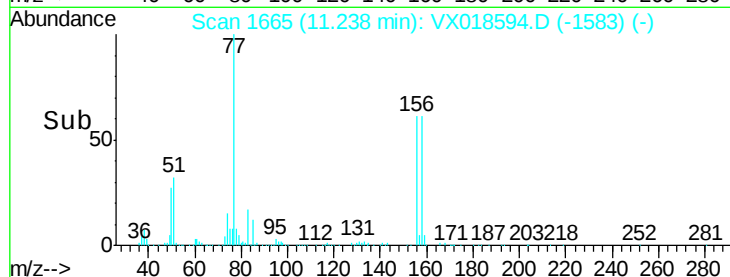
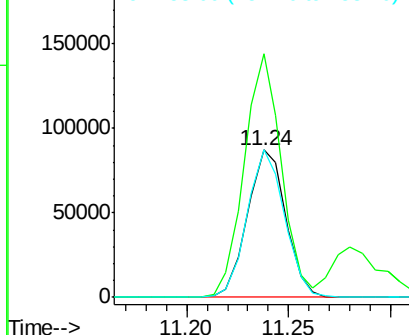
Tot Ion:	156	Resp:	114077
Ion Ratio	Lower	Upper	
156	100		
77	159.4	0.0	311.0
158	97.6	0.0	194.4

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Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.364 ug/l

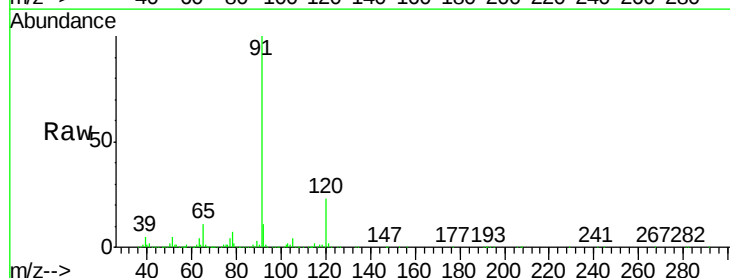
RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

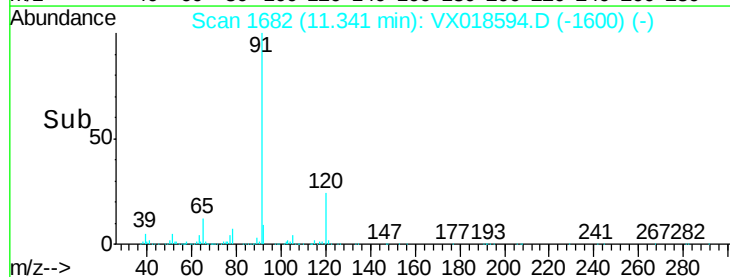
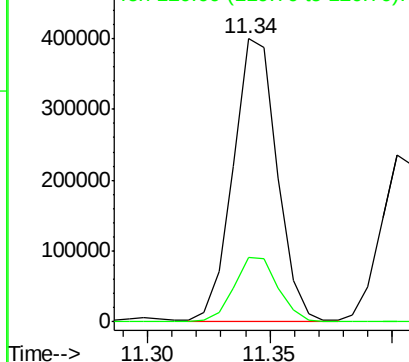
Lab File: VX018594.D

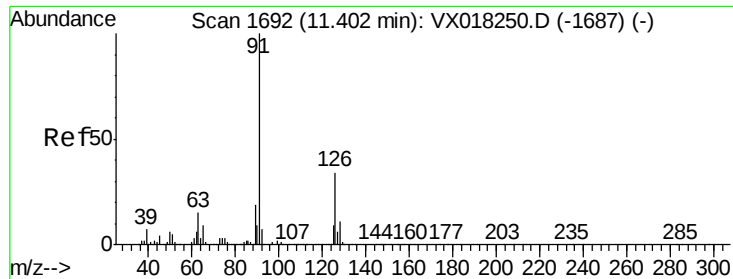
Acq: 25 Sep 2020 14:50

Tgt Ion:	91	Resp:	498883
Ion Ratio	Lower	Upper	
91	100		
120	22.9	0.0	45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.322 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 91 Resp: 301637

Ion Ratio Lower Upper

91 100

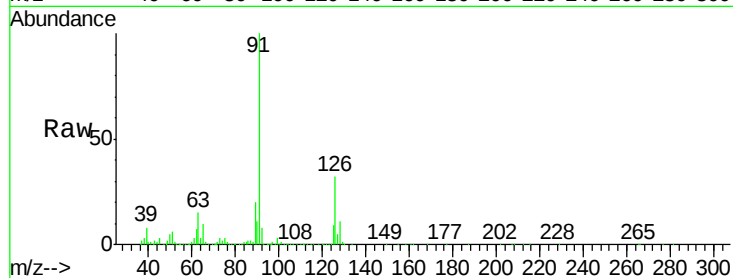
126 33.4 0.0 68.4

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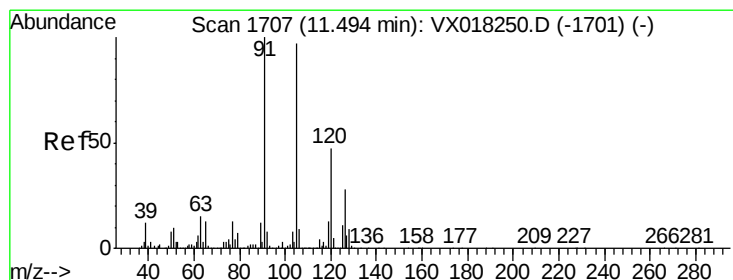
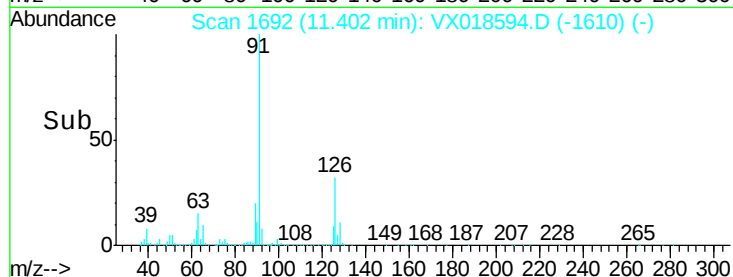
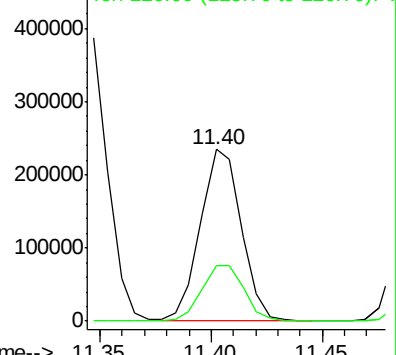
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 17.442 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018594.D

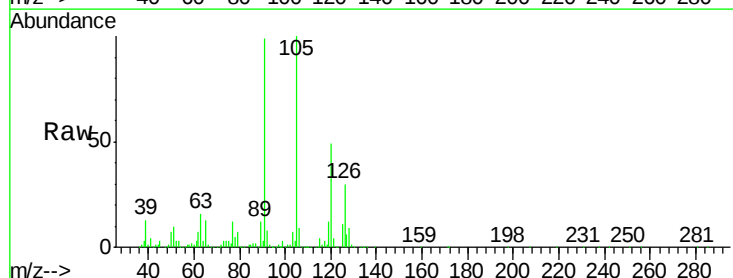
Acq: 25 Sep 2020 14:50

Tgt Ion: 105 Resp: 370764

Ion Ratio Lower Upper

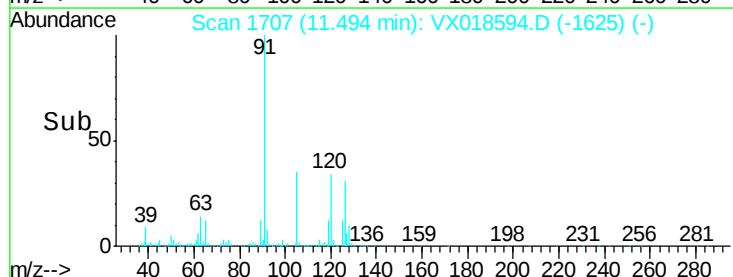
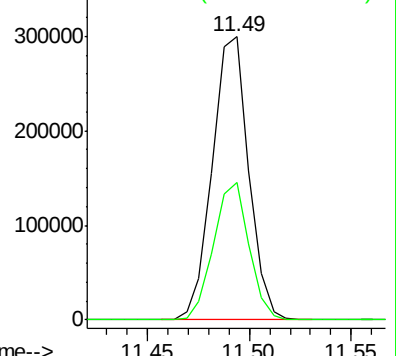
105 100

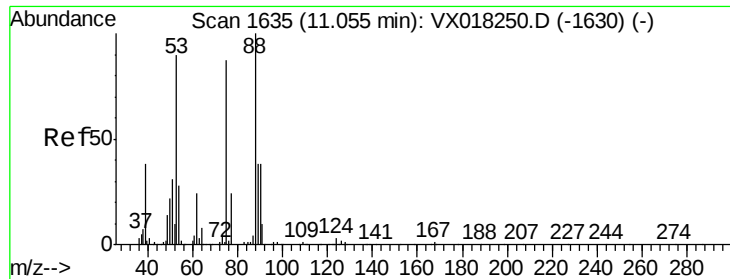
120 47.3 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





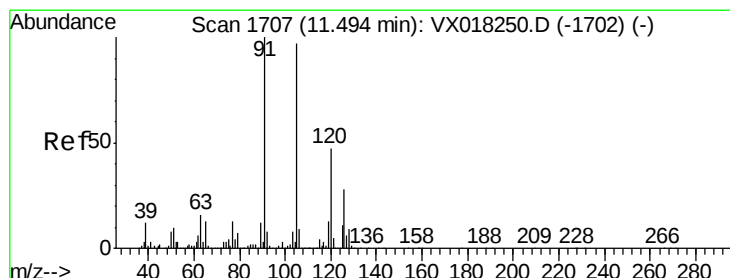
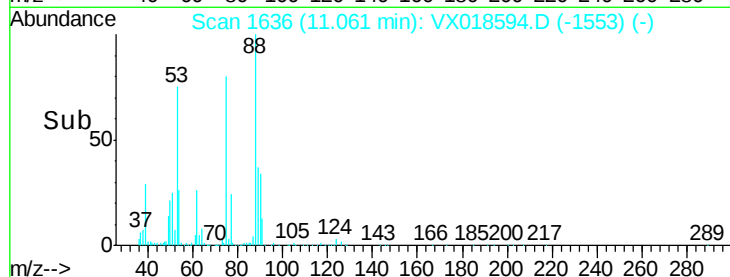
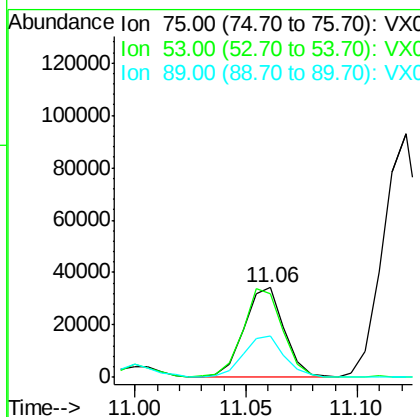
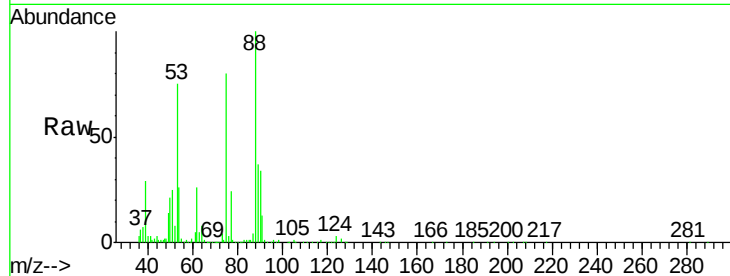
#77
t-1,4-Dichloro-2-butene
Concen: 14.475 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.0	52.1	156.4
89	45.3	22.1	66.3

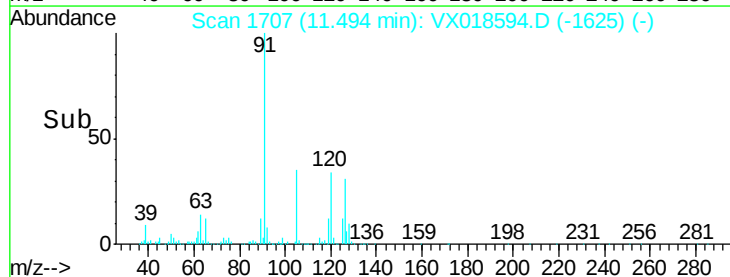
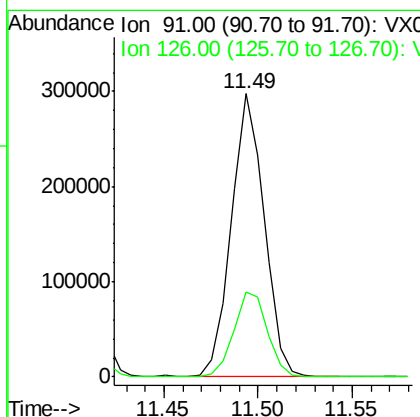
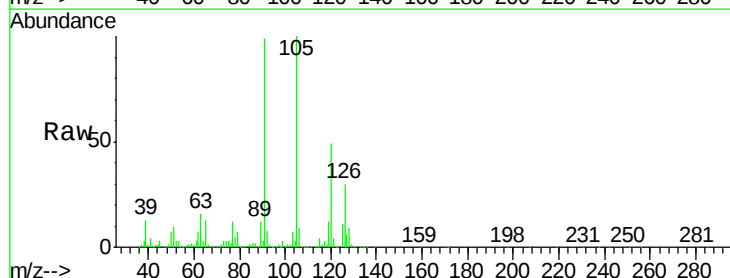
Manual Integrations
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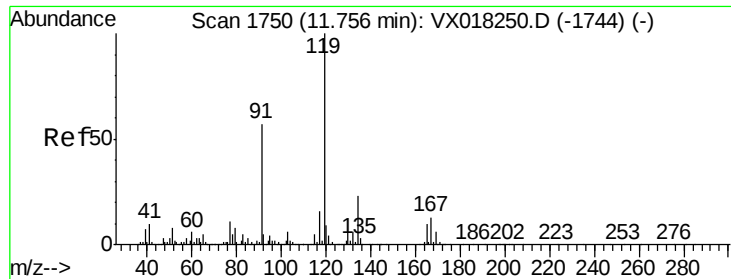
MMDadoda
9/28/2020 12:50:03 PM



#78
4-Chlorotoluene
Concen: 17.313 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	0.0	59.2





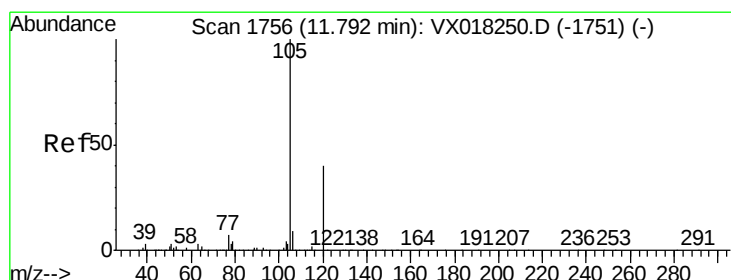
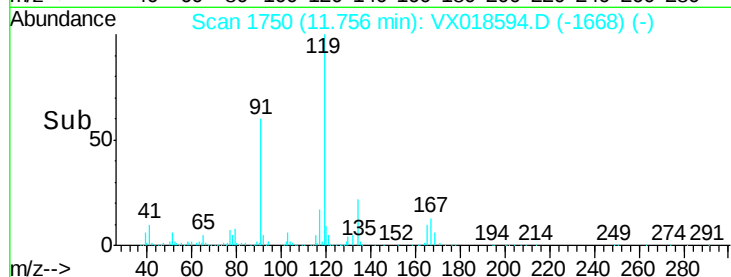
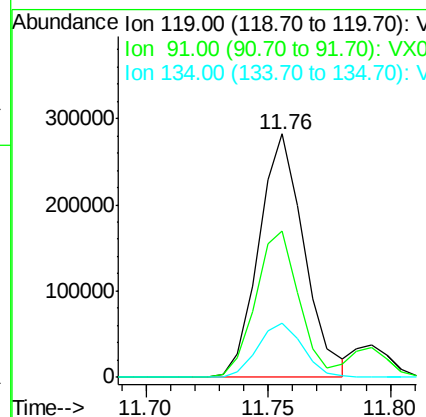
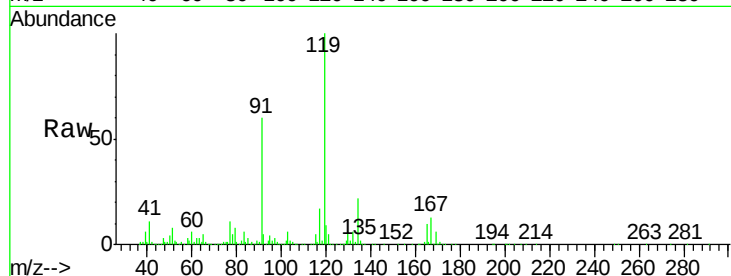
#79
tert-butylbenzene
Concen: 17.734 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	363146		
91	57.3	0.0	111.8	
134	22.3	0.0	42.4	

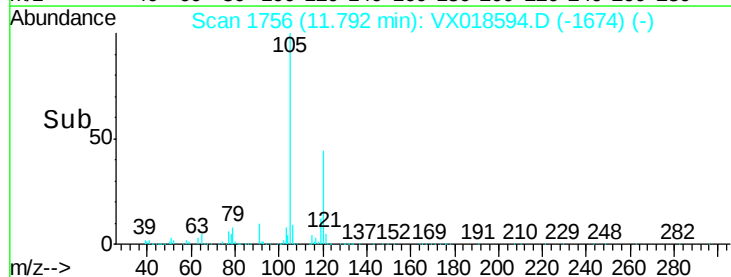
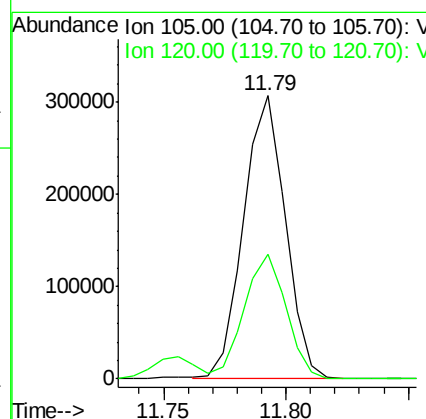
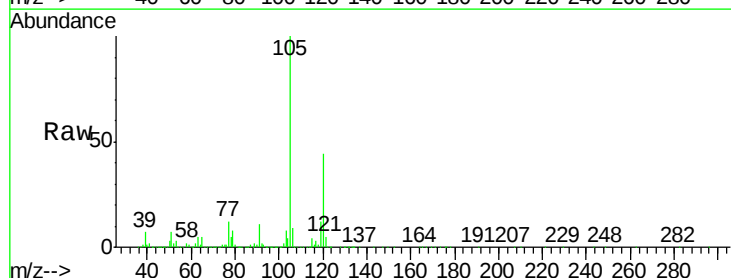
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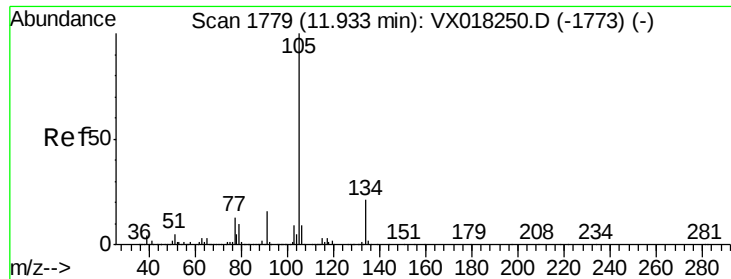
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 17.324 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	364217		
120	44.7	0.0	89.2	





#81

sec-Butylbenzene

Concen: 17.291 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion:105 Resp: 413568

Ion Ratio Lower Upper

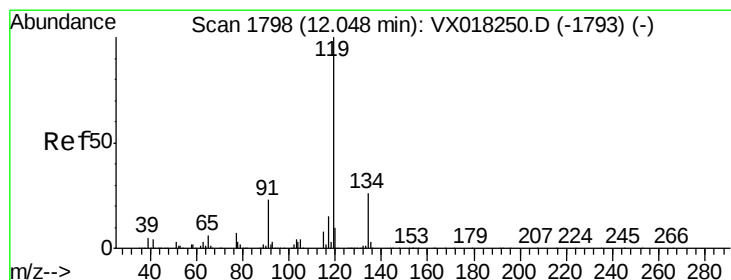
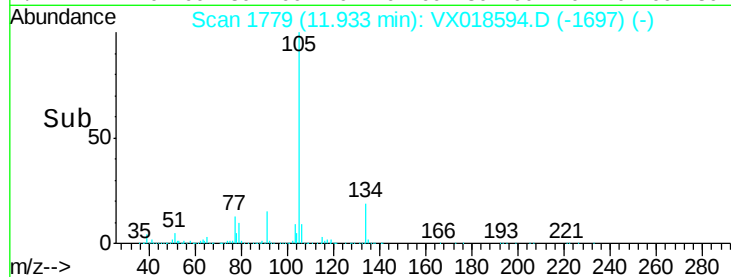
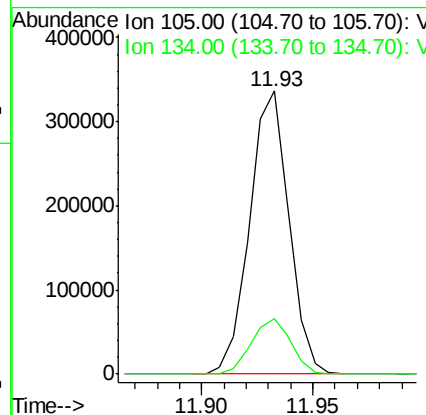
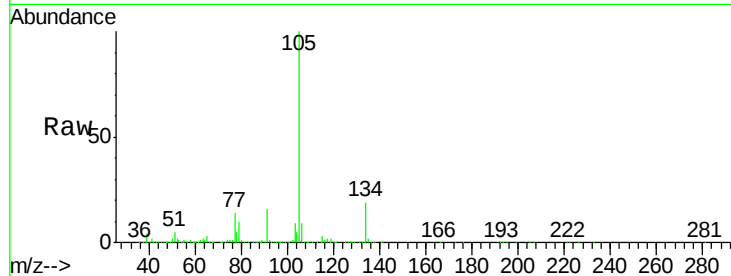
105 100

134 19.9 0.0 40.0

Manual Integrations
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#82

p-Isopropyltoluene

Concen: 17.282 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

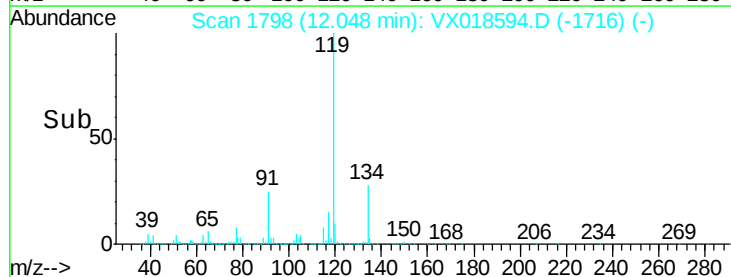
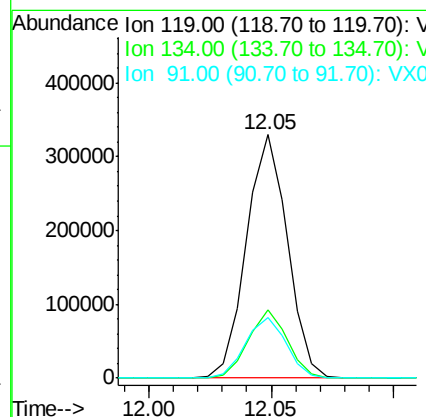
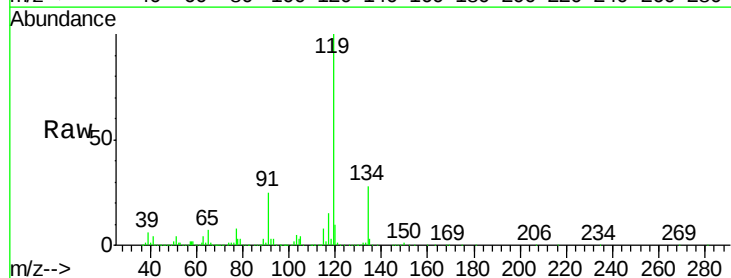
Tgt Ion:119 Resp: 385411

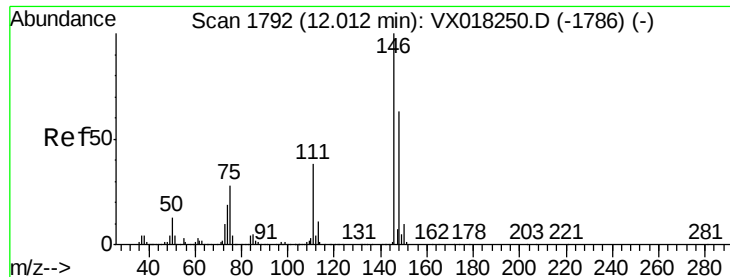
Ion Ratio Lower Upper

119 100

134 26.9 0.0 53.0

91 24.7 0.0 49.8





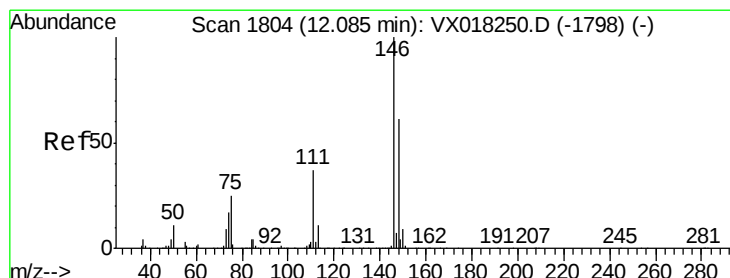
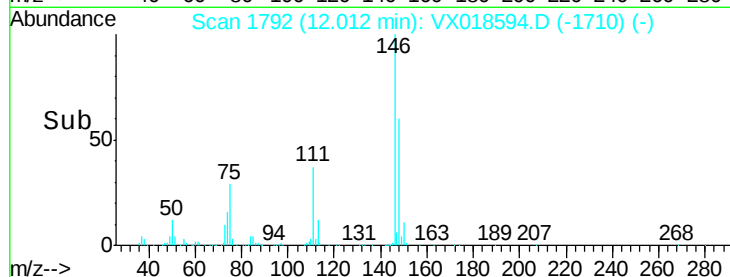
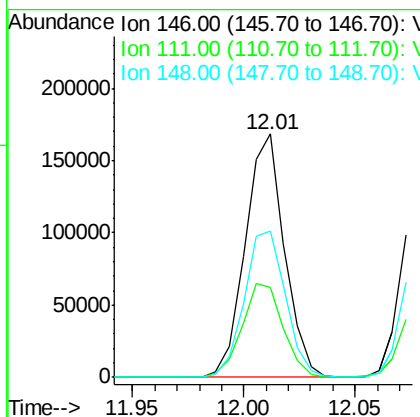
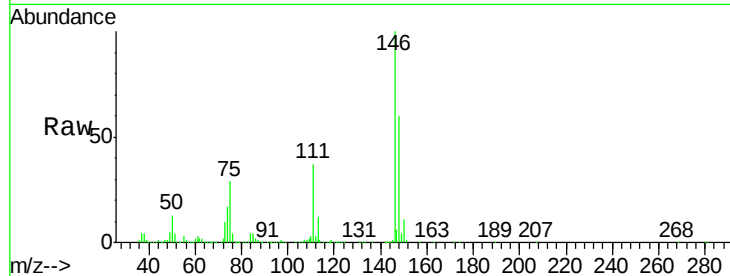
#83
1,3-Dichlorobenzene
Concen: 17.243 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	206092		
111	40.5	20.0	59.9	
148	63.4	32.1	96.3	

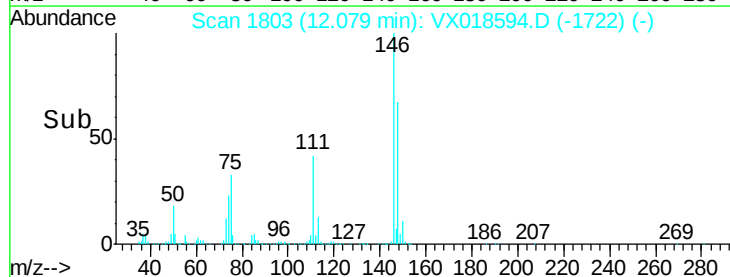
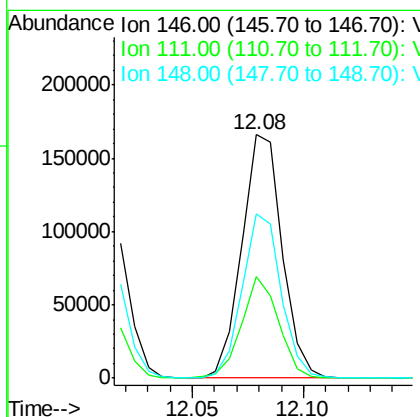
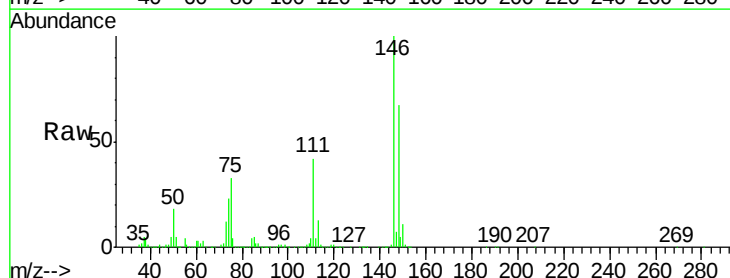
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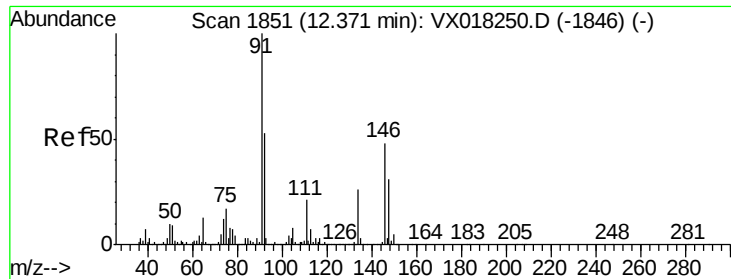
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#84
1,4-Dichlorobenzene
Concen: 17.521 ug/l
RT: 12.08 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	209386		
111	38.5	19.3	57.8	
148	65.6	31.7	95.1	





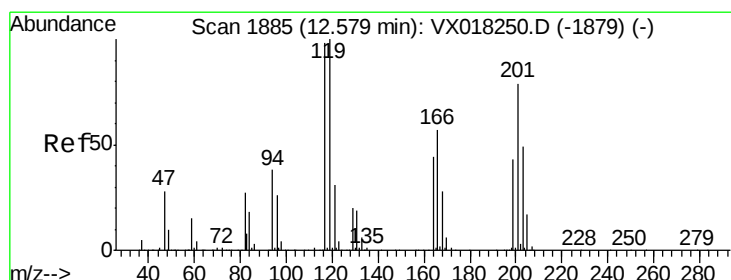
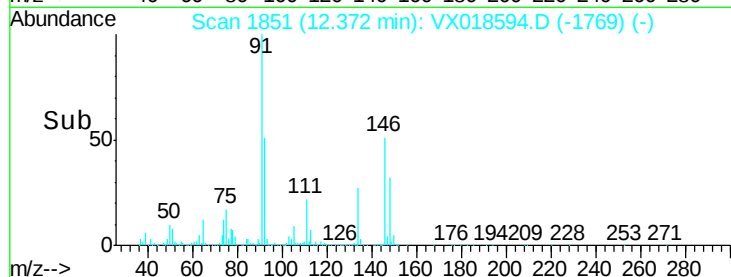
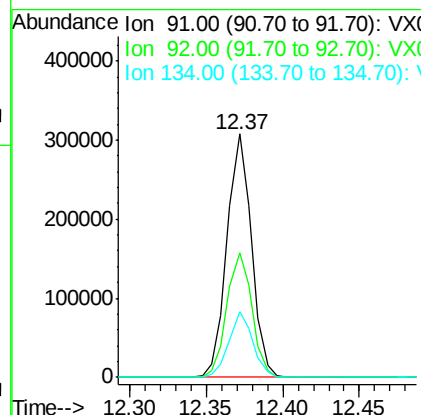
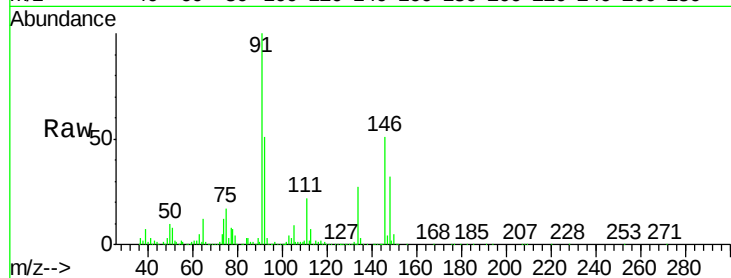
#85
n-Butylbenzene
Concen: 17.413 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	341890		
92	52.3	0.0	105.0	
134	26.3	0.0	51.0	

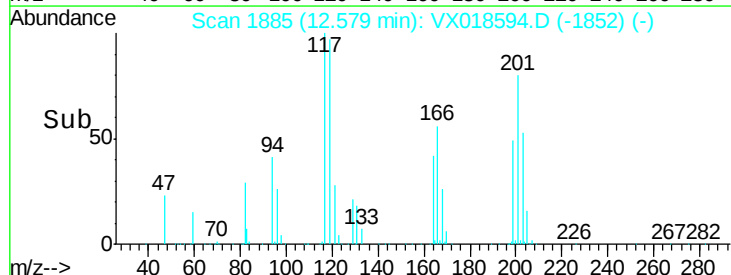
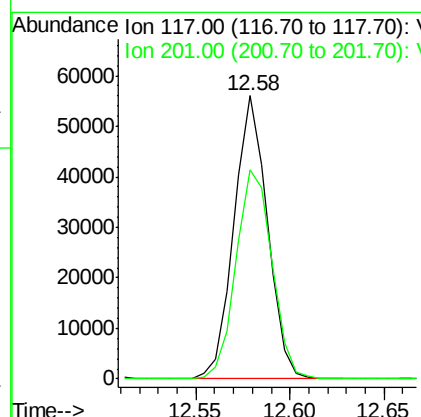
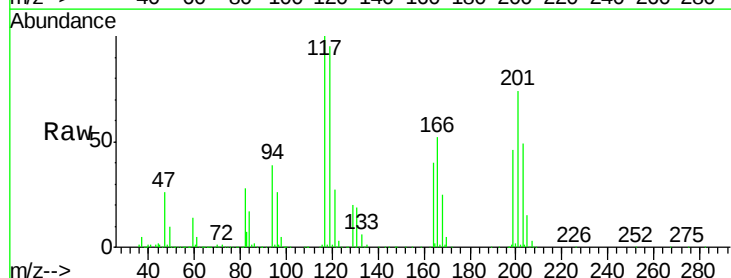
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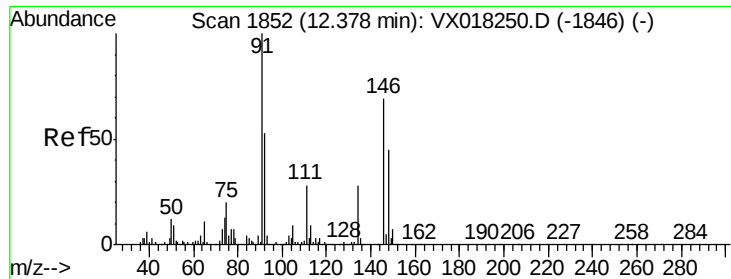
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#86
Hexachloroethane
Concen: 15.769 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	69236		
201	78.9	39.6	118.8	





#87

1,2-Dichlorobenzene

Concen: 18.007 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Instrument :

MSVOA_X

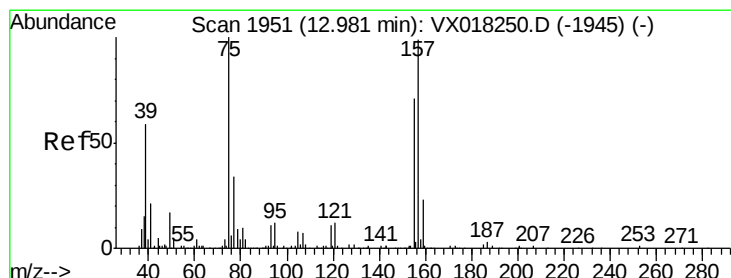
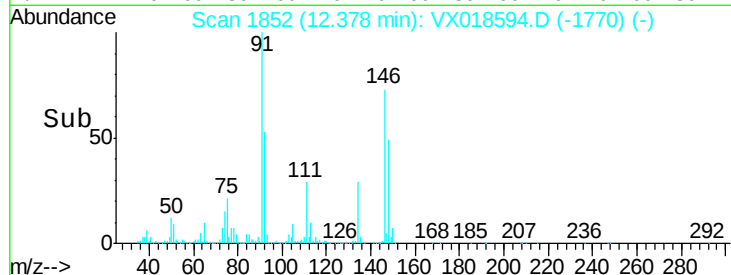
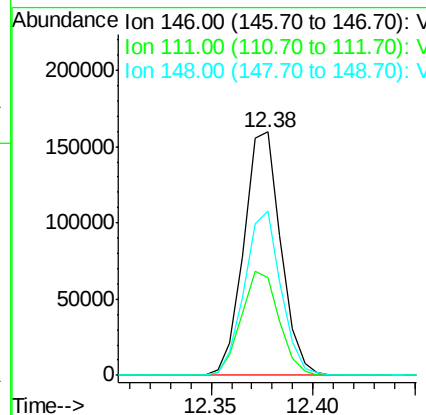
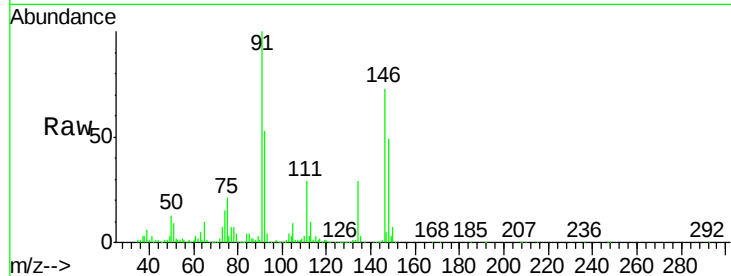
ClientSampleId :

VX0925WBS01

Tot Ion:	146	Resp:	201539
Ion Ratio	Lower	Upper	
146	100		
111	43.5	21.4	64.3
148	66.5	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.194 ug/l

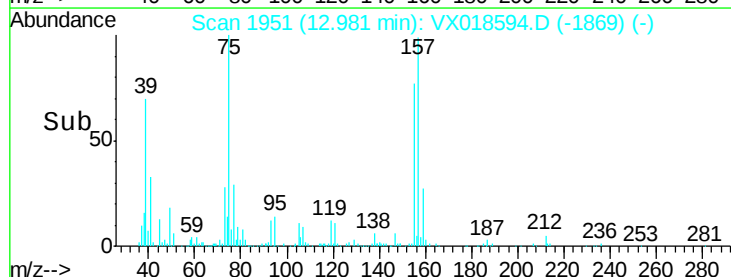
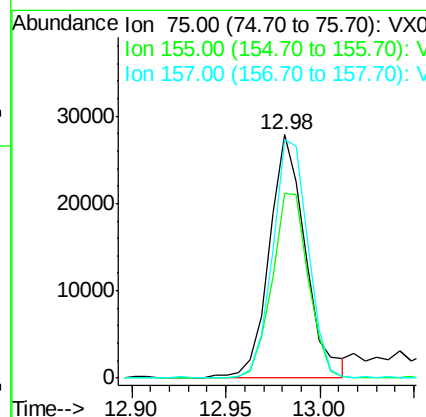
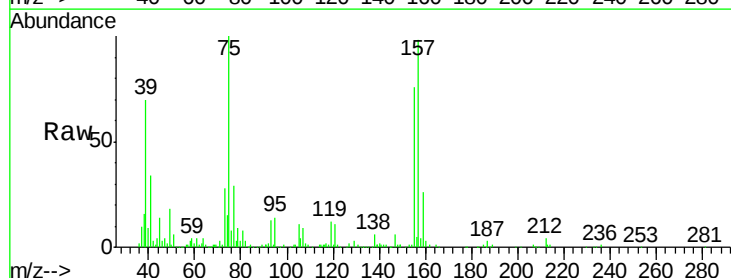
RT: 12.98 min Scan# 1951

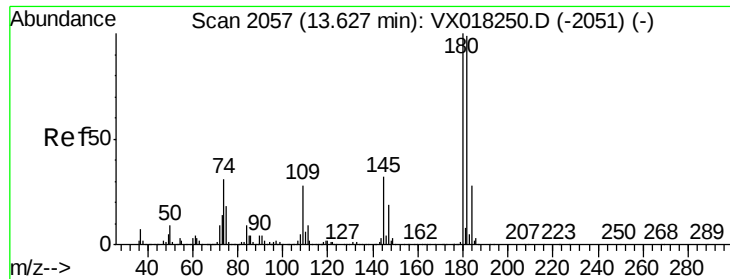
Delta R.T. 0.00 min

Lab File: VX018594.D

Acq: 25 Sep 2020 14:50

Tgt Ion:	75	Resp:	37113
Ion Ratio	Lower	Upper	
75	100		
155	75.8	63.4	95.2
157	95.6	87.0	130.6





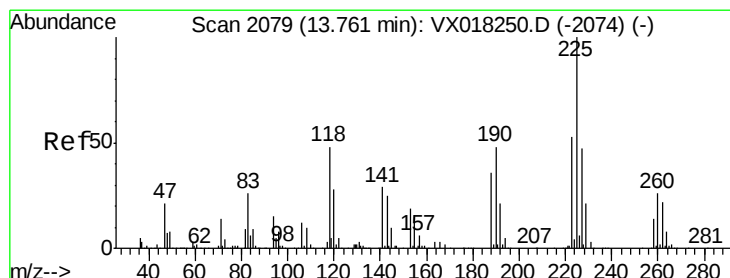
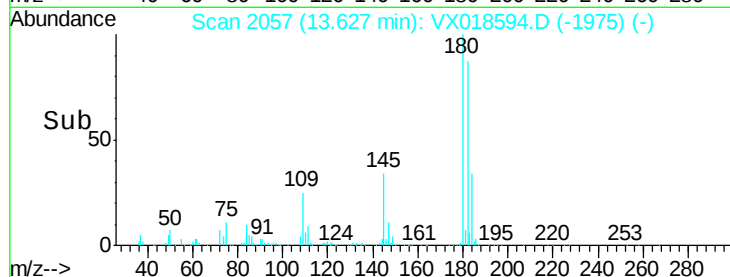
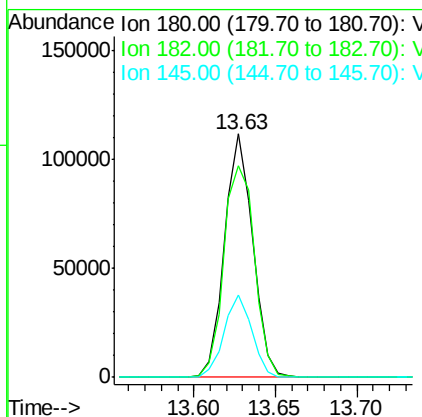
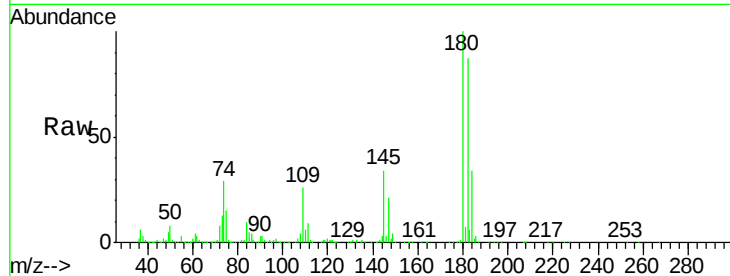
#89
 1,2,4-Trichlorobenzene
 Concen: 17.745 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018594.D
 Acq: 25 Sep 2020 14:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	134366		
182	94.6	77.1	115.7	
145	33.2	25.0	37.6	

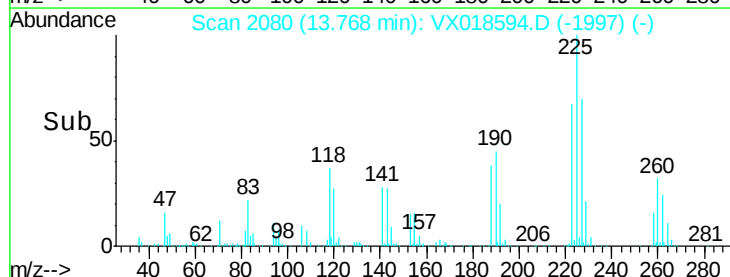
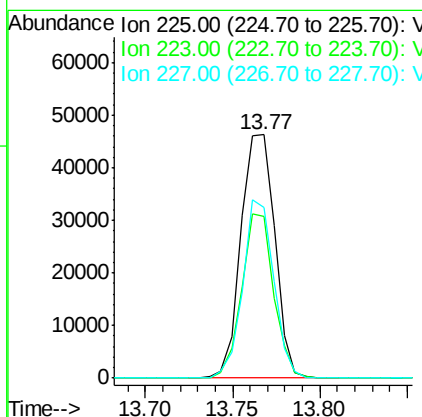
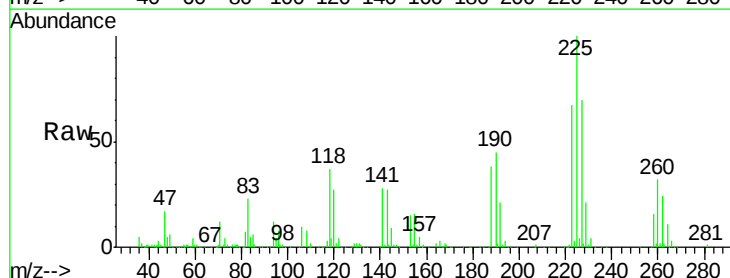
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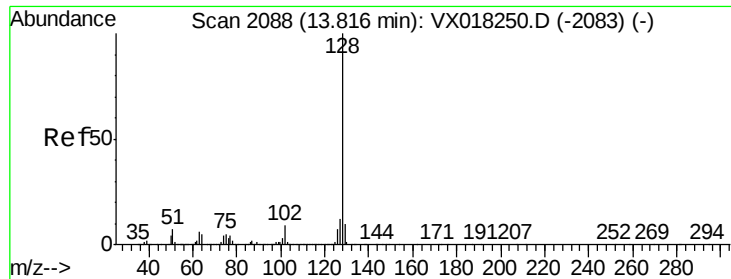
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#90
 Hexachlorobutadiene
 Concen: 19.600 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018594.D
 Acq: 25 Sep 2020 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62776		
223	63.6	0.0	115.8	
227	66.7	0.0	117.0	





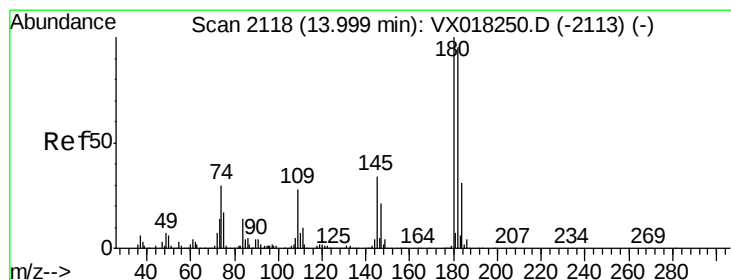
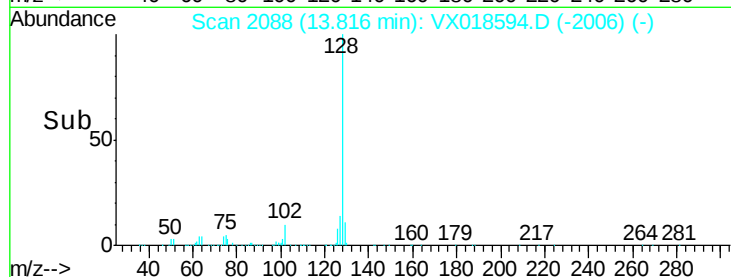
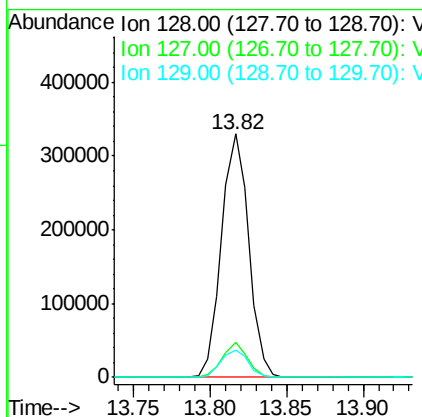
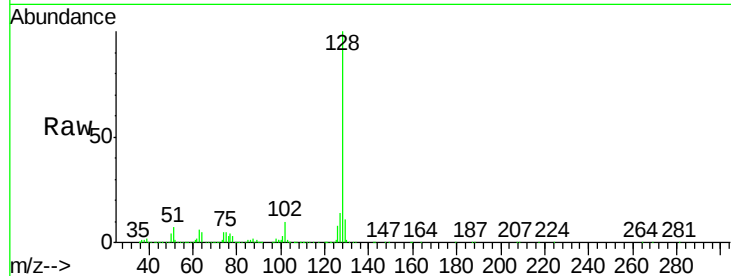
#91
Naphthalene
Concen: 17.288 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.1	8.7	13.1

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.061 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018594.D
Acq: 25 Sep 2020 14:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	0.0	191.6
145	33.3	0.0	67.4

