

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101920\
 Data File : VX018956.D
 Acq On : 19 Oct 2020 16:51
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 10/20/2020 4:51:59 PM

Quant Time: Oct 19 18:18:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 17:59:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	86748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	156336	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	139975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	64487	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	6820	5.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.50%	
35) Dibromofluoromethane	5.46	113	5319	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
50) Toluene-d8	8.70	98	20779	5.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.64%	
62) 4-Bromofluorobenzene	11.12	95	7451	4.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.86%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	3862	3.844	ug/l	99
3) Chloromethane	1.31	50	4649	4.334	ug/l	98
4) Vinyl Chloride	1.39	62	6001	5.375	ug/l	96
5) Bromomethane	1.62	94	6575	10.553	ug/l	95
6) Chloroethane	1.70	64	4478	7.042	ug/l	99
7) Trichlorofluoromethane	1.92	101	10273	6.482	ug/l	99
8) Diethyl Ether	2.17	74	4122	7.393	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	5772	6.690	ug/l	97
10) Methyl Iodide	2.49	142	4327	5.385	ug/l	99
11) Tert butyl alcohol	3.01	59	7682	32.019	ug/l	100
12) 1,1-Dichloroethene	2.36	96	6077	6.750	ug/l	97
13) Acrolein	2.27	56	5178	46.361	ug/l	97
14) Allyl chloride	2.70	41	7494	5.063	ug/l	96
15) Acrylonitrile	3.11	53	12586	24.033	ug/l	99
16) Acetone	2.42	43	13990	30.033	ug/l	98
17) Carbon Disulfide	2.54	76	13670	5.324	ug/l	98
18) Methyl Acetate	2.75	43	5214	4.652	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	15597	5.369	ug/l	98
20) Methylene Chloride	2.83	84	5685	5.358	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	5350	5.596	ug/l	99
22) Diisopropyl ether	3.82	45	13596	4.644	ug/l	93
23) Vinyl Acetate	3.78	43	64585	24.535	ug/l	96
24) 1,1-Dichloroethane	3.67	63	9319	5.430	ug/l	98
25) 2-Butanone	4.64	43	18448	24.217	ug/l	97
26) 2,2-Dichloropropane	4.54	77	8836	6.151	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	6144	5.536	ug/l	97
28) Bromochloromethane	4.98	49	4148	5.081	ug/l #	91
29) Tetrahydrofuran	5.09	42	10864	22.724	ug/l	97
30) Chloroform	5.17	83	10071	5.611	ug/l	93
31) Cyclohexane	5.54	56	7569	5.286	ug/l	91
32) 1,1,1-Trichloroethane	5.45	97	8728	5.299	ug/l	94
36) 1,1-Dichloropropene	5.76	75	7839	5.444	ug/l	99
37) Ethyl Acetate	4.79	43	7488	4.587	ug/l	98
38) Carbon Tetrachloride	5.74	117	7790	4.850	ug/l	92

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

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 ClientSampleID :
 VSTDIC005

Manual Integrations
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MMDadoda
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Quant Time: Oct 19 18:18:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 17:59:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	8177	5.200	ug/l	95
40) Benzene	6.10	78	22221	5.226	ug/l	99
41) Methacrylonitrile	5.01	41	3845	4.312	ug/l	96
42) 1,2-Dichloroethane	6.16	62	7913	4.937	ug/l	99
43) Isopropyl Acetate	6.41	43	12617	4.785	ug/l	97
44) Trichloroethene	7.19	130	5979	5.033	ug/l	94
45) 1,2-Dichloropropane	7.48	63	5500	4.898	ug/l	100
46) Dibromomethane	7.63	93	3778	4.737	ug/l	98
47) Bromodichloromethane	7.87	83	7854	4.945	ug/l	96
48) Methyl methacrylate	7.74	41	5808	4.469	ug/l	93
49) 1,4-Dioxane	7.71	88	2568	105.728	ug/l #	85
51) 4-Methyl-2-Pentanone	8.62	43	36091	22.316	ug/l	97
52) Toluene	8.76	92	14107	5.203	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	8916	5.029	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	9477	5.057	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	5510	4.825	ug/l	96
56) Ethyl methacrylate	9.16	69	8543	5.024	ug/l	94
57) 1,3-Dichloropropane	9.35	76	9560	5.082	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	22753	28.898	ug/l	98
59) 2-Hexanone	9.47	43	27060	22.061	ug/l	97
60) Dibromochloromethane	9.57	129	5918	4.448	ug/l	97
61) 1,2-Dibromoethane	9.65	107	5966	4.812	ug/l	100
64) Tetrachloroethene	9.32	164	4850	4.763	ug/l	91
65) Chlorobenzene	10.12	112	15163	5.400	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	5323	4.863	ug/l	97
67) Ethyl Benzene	10.23	91	27131	5.675	ug/l	98
68) m/p-Xylenes	10.34	106	20461	11.415	ug/l	96
69) o-Xylene	10.68	106	9445	5.414	ug/l	91
70) Styrene	10.70	104	16326	5.530	ug/l	99
71) Bromoform	10.84	173	4024	4.330	ug/l #	98
73) Isopropylbenzene	11.00	105	25932	6.093	ug/l	98
74) N-amyl acetate	10.88	43	9992	5.205	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	8570	5.722	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	8175m	5.767	ug/l	
77) Bromobenzene	11.24	156	5843	5.014	ug/l	88
78) n-propylbenzene	11.34	91	29686	6.134	ug/l	99
79) 2-Chlorotoluene	11.40	91	17333	5.845	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	21732	6.190	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.05	75	3082	5.797	ug/l	94
82) 4-Chlorotoluene	11.49	91	20711	5.865	ug/l	97
83) tert-Butylbenzene	11.76	119	21220	6.087	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	21400	5.967	ug/l	98
85) sec-Butylbenzene	11.93	105	25726	6.472	ug/l	96
86) p-Isopropyltoluene	12.05	119	22430	6.171	ug/l	96
87) 1,3-Dichlorobenzene	12.01	146	11115	5.374	ug/l	95
88) 1,4-Dichlorobenzene	12.08	146	11450	5.496	ug/l	93
89) n-Butylbenzene	12.37	91	21195	6.361	ug/l	98
90) Hexachloroethane	12.58	117	3691	5.296	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	10544	5.397	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1913	5.165	ug/l	83

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ALS Vial : 3 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDICC005

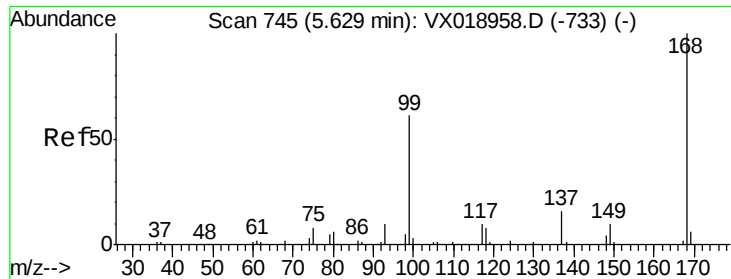
Manual Integrations
APPROVED

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10/20/2020 4:51:59 PM

Quant Time: Oct 19 18:18:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	6912	5.305	ug/l	96
94) Hexachlorobutadiene	13.77	225	3195	6.137	ug/l	95
95) Naphthalene	13.82	128	24573	5.693	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	6964	5.399	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 86748

Ion Ratio Lower Upper

168 100

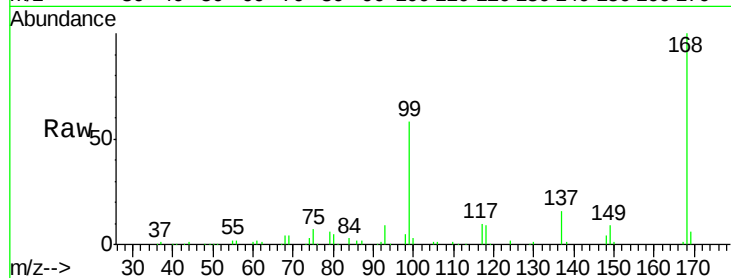
99 58.1 48.5 72.7

Manual Integrations

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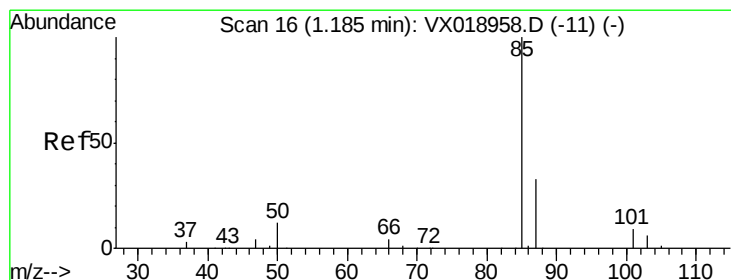
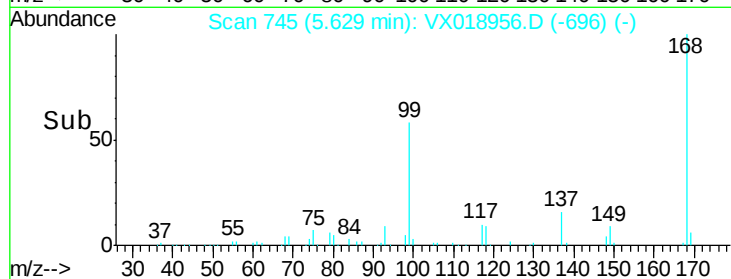
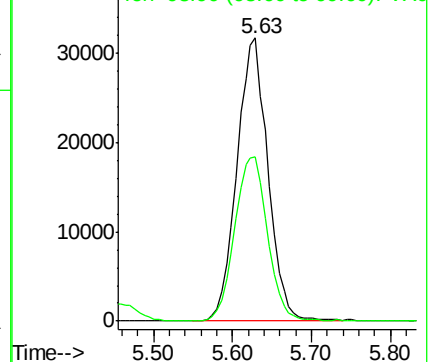
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 3.844 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018956.D

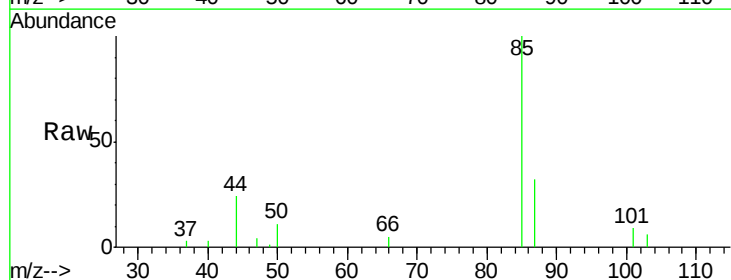
Acq: 19 Oct 2020 16:51

Tgt Ion: 85 Resp: 3862

Ion Ratio Lower Upper

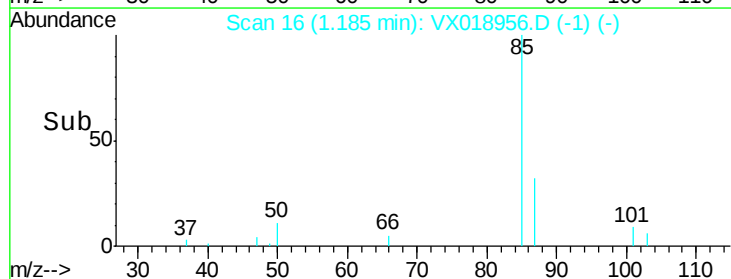
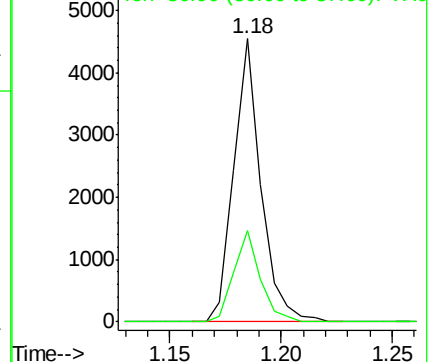
85 100

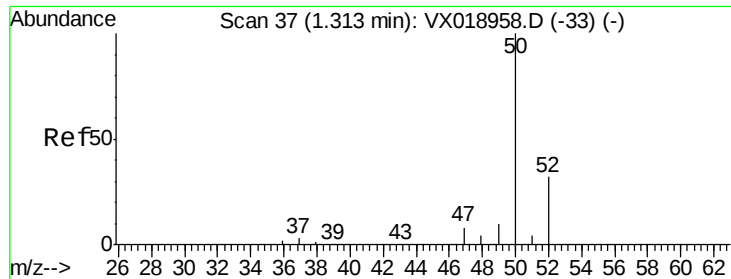
87 32.4 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 4.334 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 4649

Ion Ratio Lower Upper

50 100

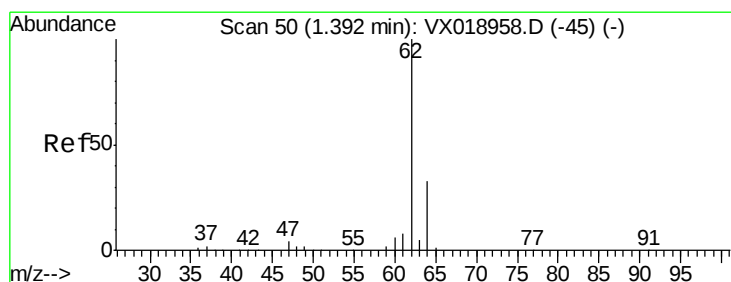
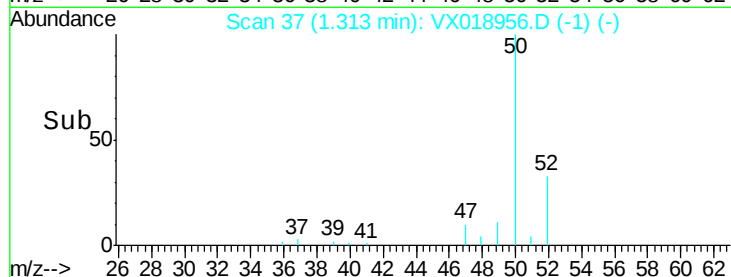
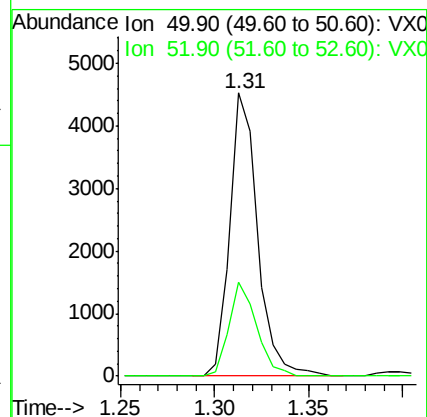
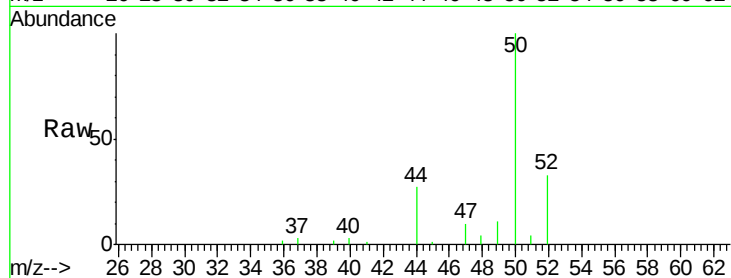
52 33.3 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 5.375 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018956.D

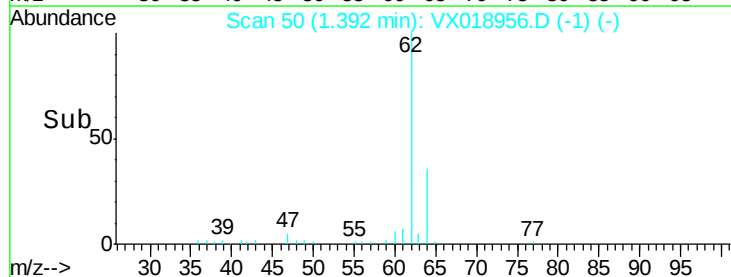
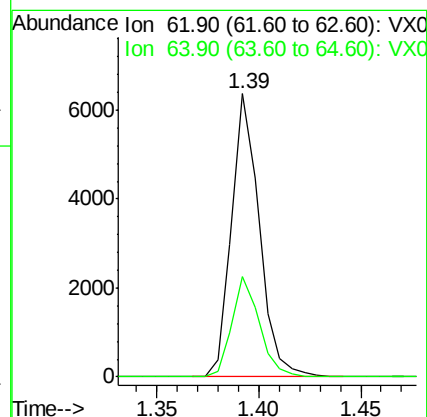
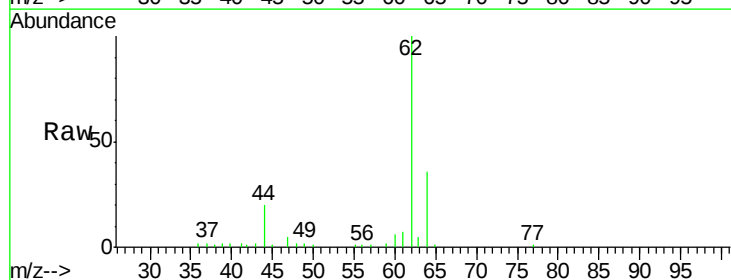
Acq: 19 Oct 2020 16:51

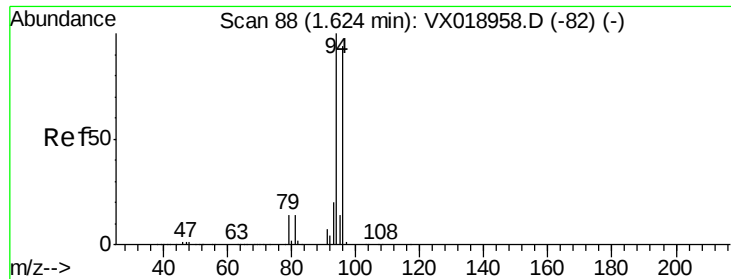
Tgt Ion: 62 Resp: 6001

Ion Ratio Lower Upper

62 100

64 35.6 26.7 40.1





#5

Bromomethane

Concen: 10.553 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 6575

Ion Ratio Lower Upper

94 100

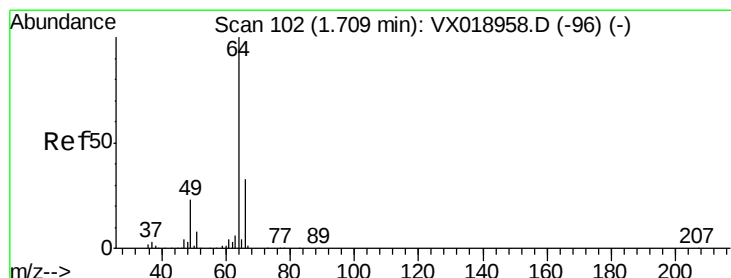
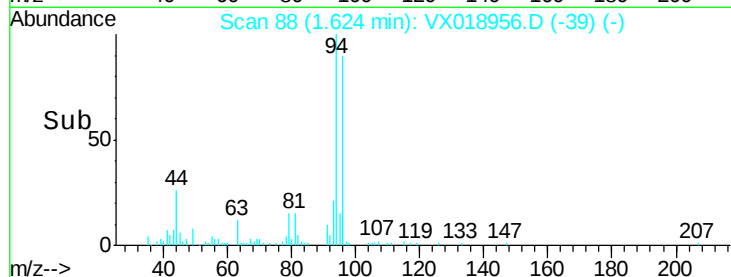
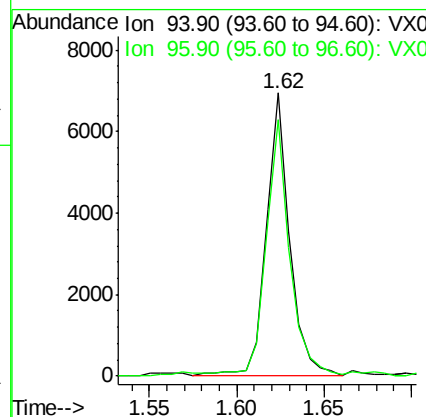
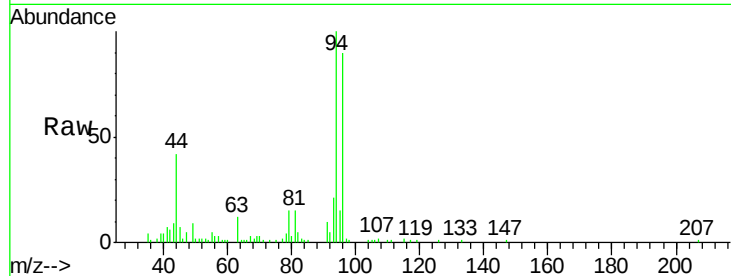
96 89.6 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 7.042 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018956.D

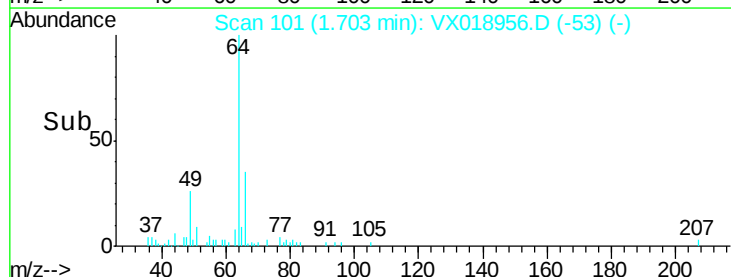
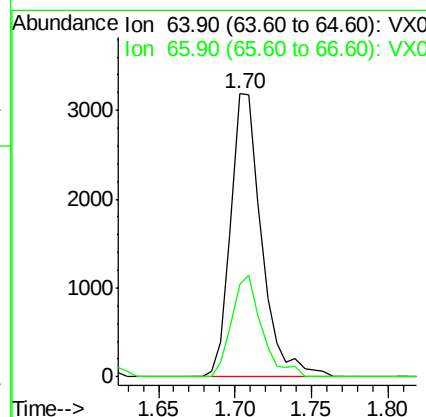
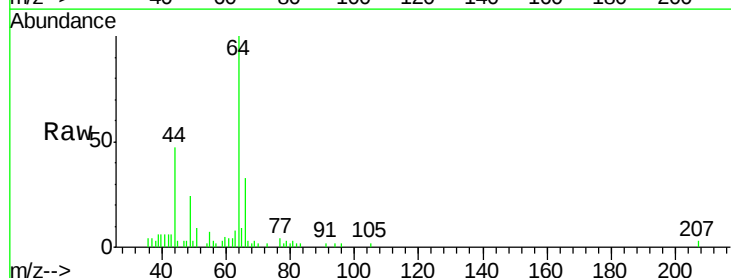
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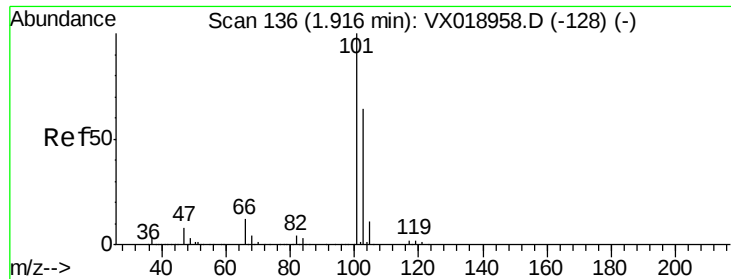
Tgt Ion: 64 Resp: 4478

Ion Ratio Lower Upper

64 100

66 32.9 26.7 40.1





#7

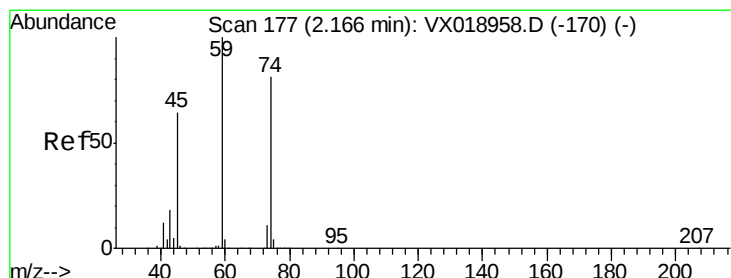
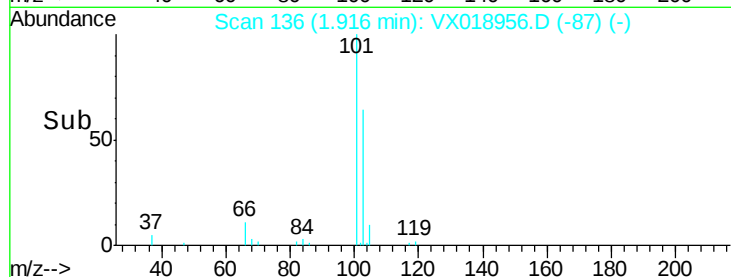
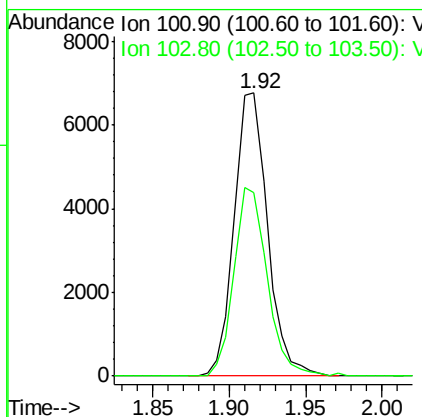
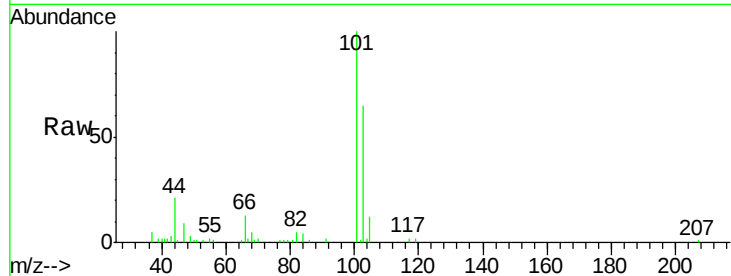
Trichlorofluoromethane
Concen: 6.482 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.3	76.9

Manual Integrations
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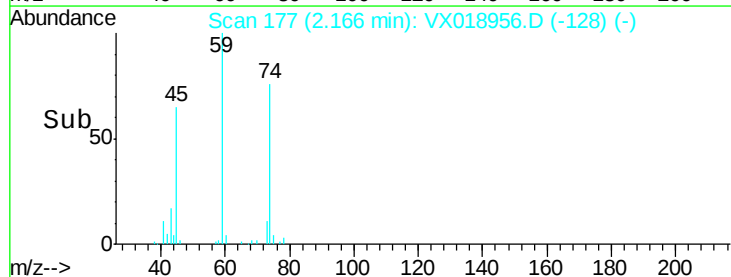
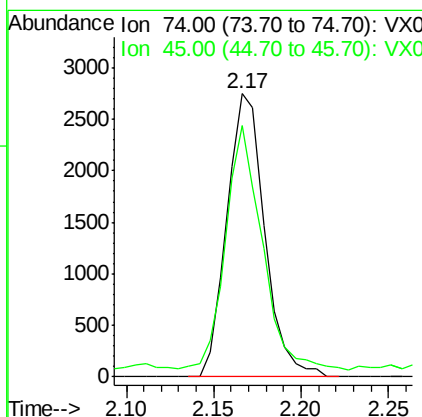
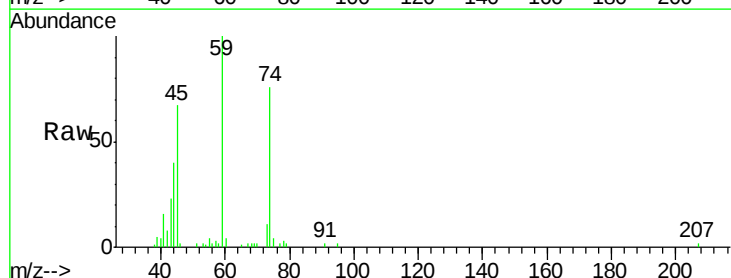
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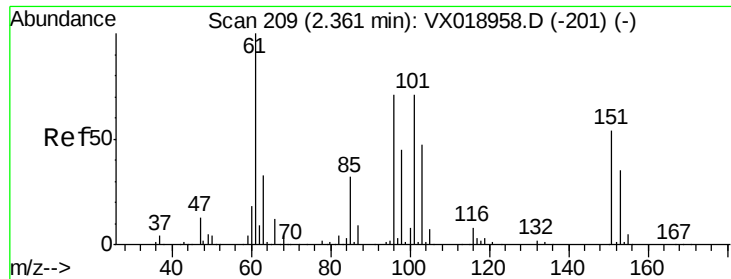


#8

Diethyl Ether
Concen: 7.393 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.5	39.1	117.3





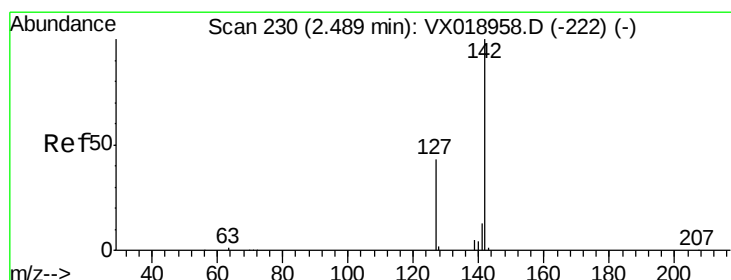
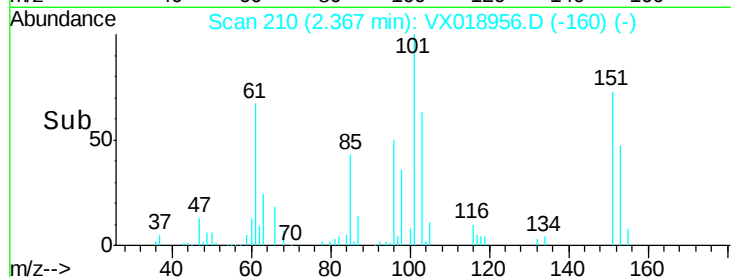
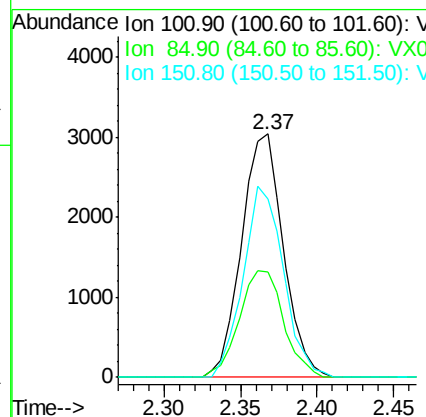
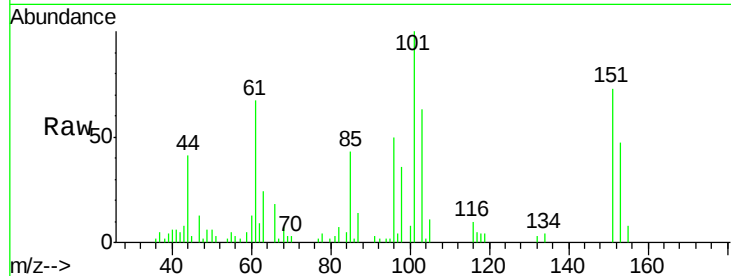
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.690 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
101	100	5772		
85	46.4		35.1	52.7
151	75.8		62.1	93.1

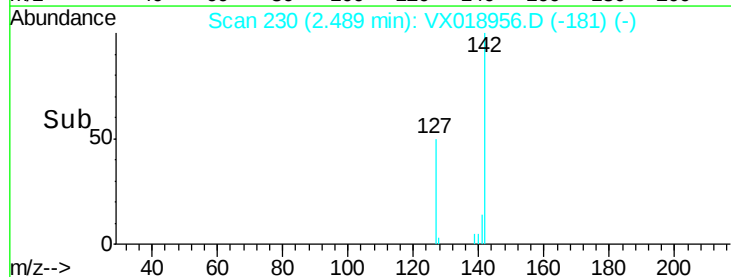
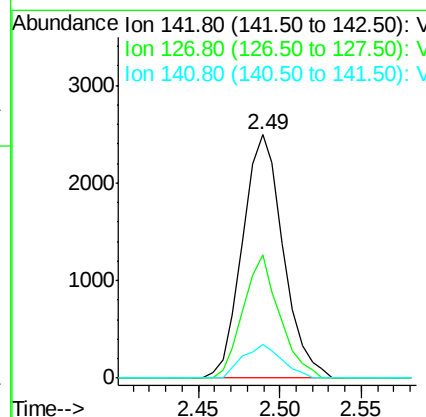
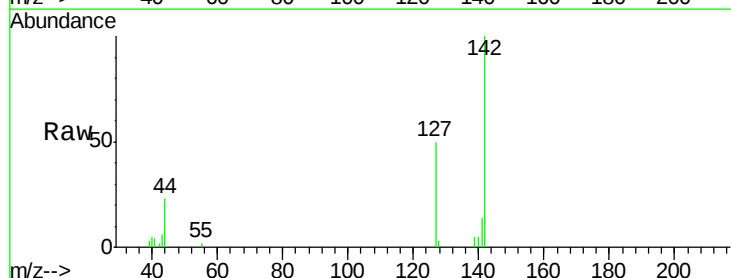
Manual Integrations
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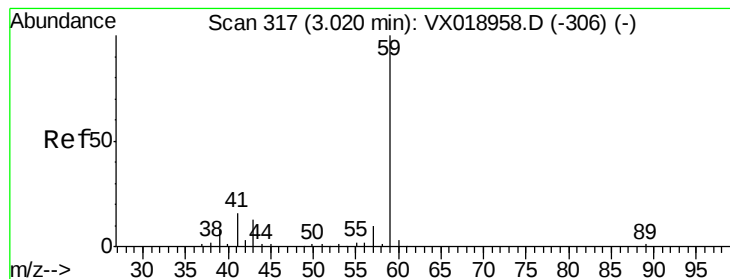
MMDadoda
10/20/2020 4:51:59 PM



#10
Methyl Iodide
Concen: 5.385 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	4327		
127	45.5		35.9	53.9
141	13.4		11.6	17.4





#11

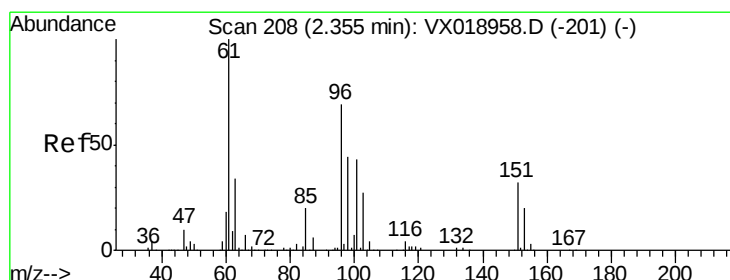
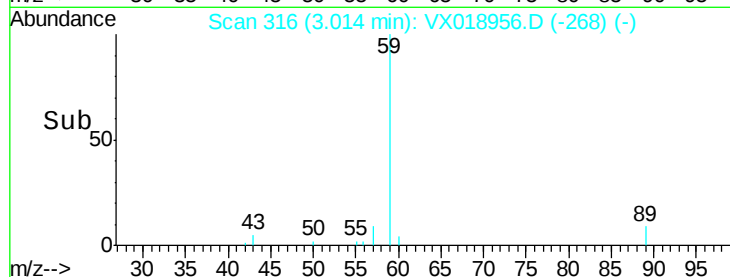
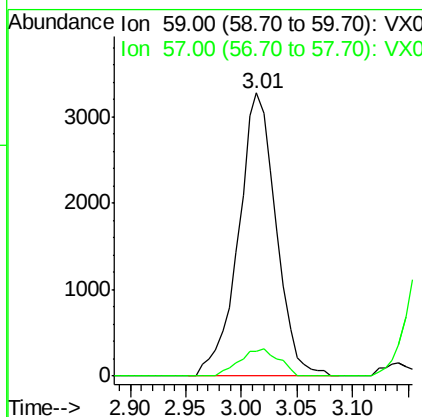
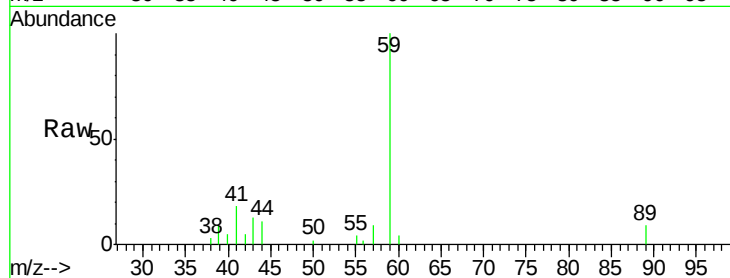
Tert butyl alcohol
 Concen: 32.019 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1

Manual Integrations
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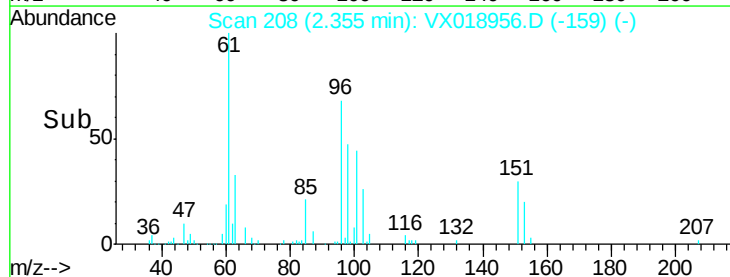
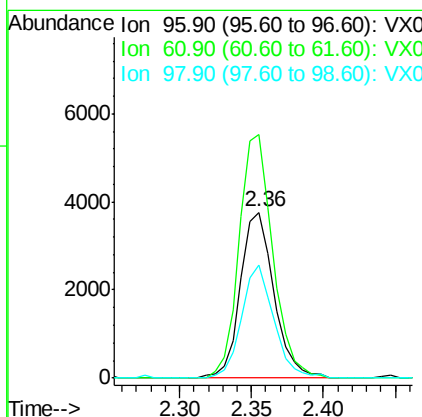
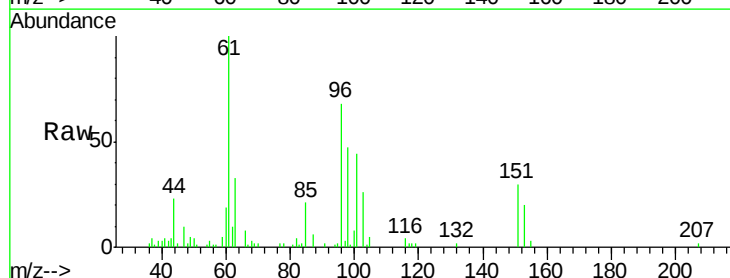
MMDadoda
 10/20/2020 4:51:59 PM

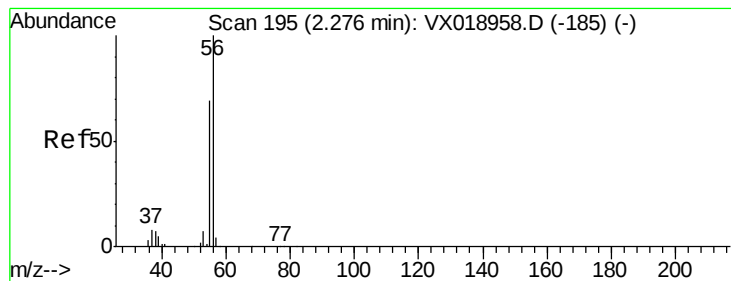


#12

1,1-Dichloroethene
 Concen: 6.750 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.0	116.2	174.2
98	68.4	50.9	76.3





#13

Acrolein

Concen: 46.361 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 5178

Ion Ratio Lower Upper

56 100

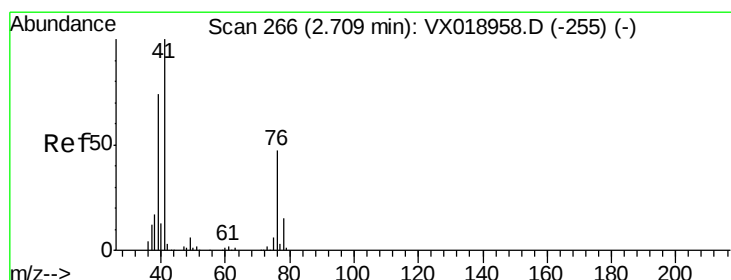
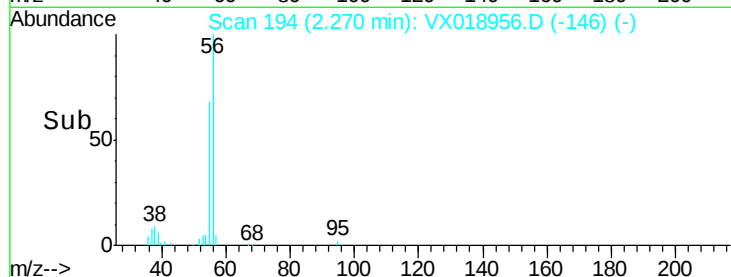
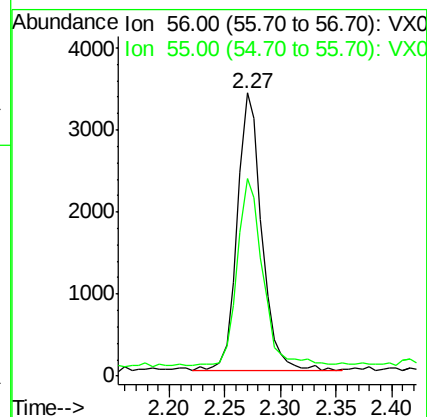
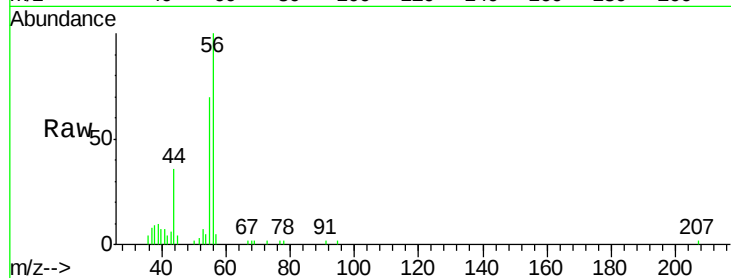
55 68.0 56.2 84.2

Manual Integrations

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#14

Allyl chloride

Concen: 5.063 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

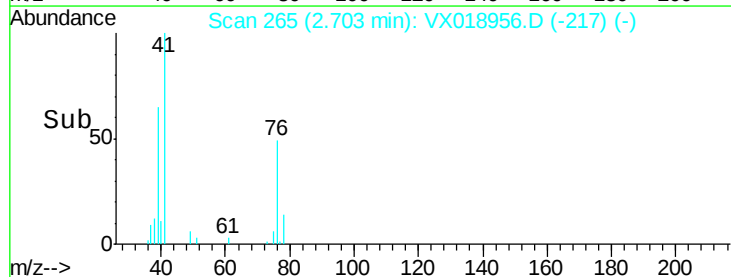
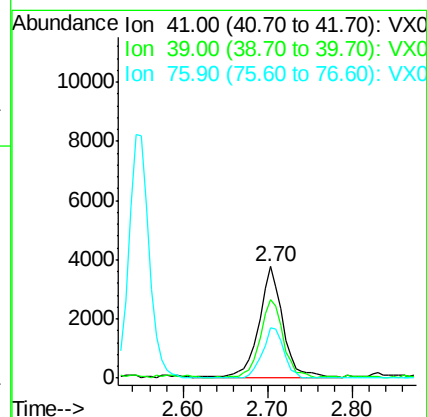
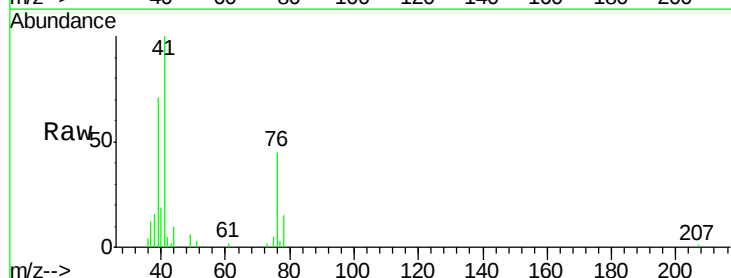
Tgt Ion: 41 Resp: 7494

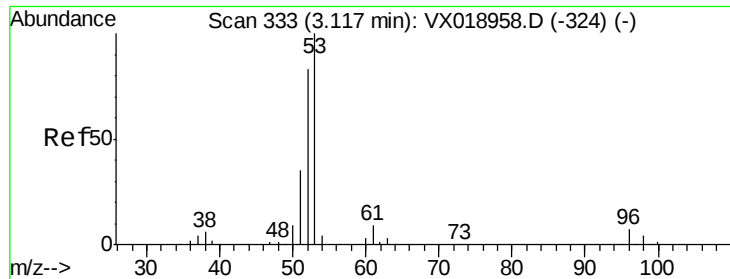
Ion Ratio Lower Upper

41 100

39 67.0 55.4 83.2

76 39.0 34.1 51.1





#15

Acrylonitrile

Concen: 24.033 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

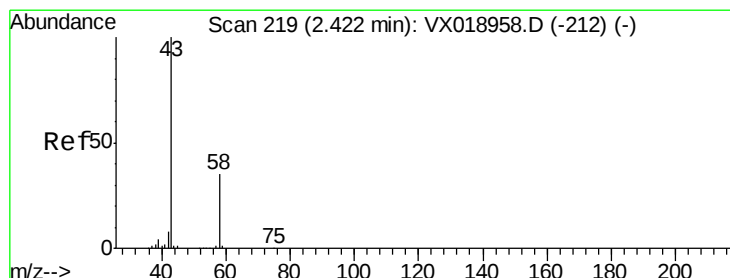
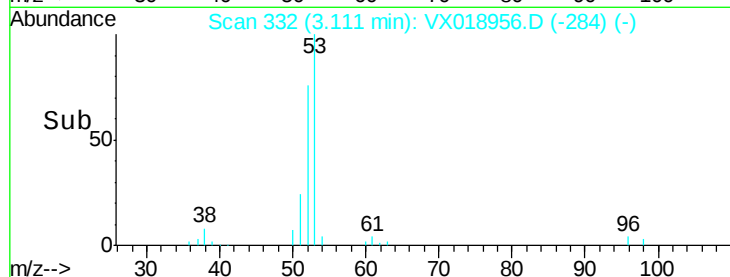
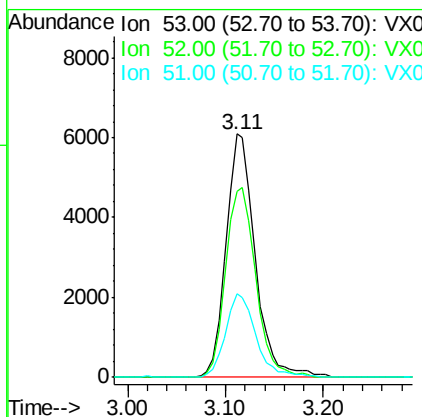
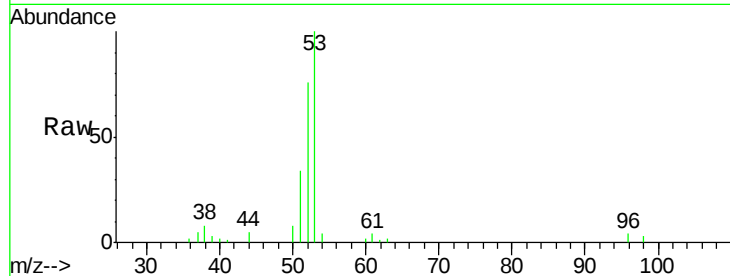
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	12586
Ion	Ratio	Lower	Upper
53	100		
52	80.6	65.3	97.9
51	35.9	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 30.033 ug/l

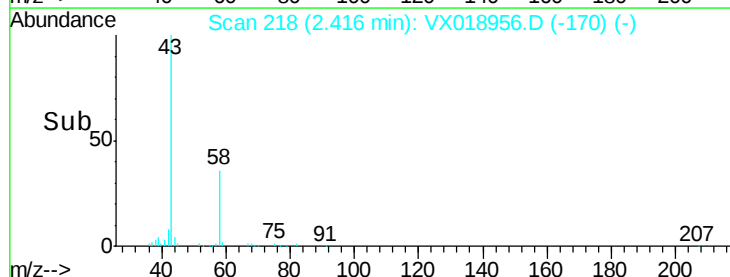
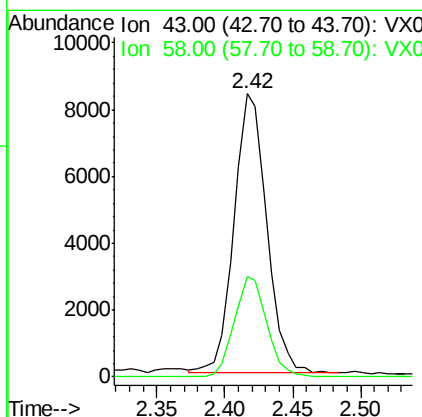
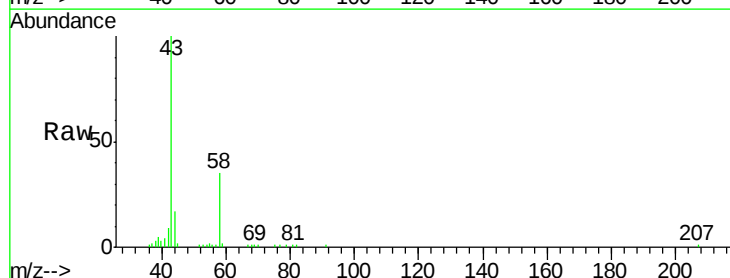
RT: 2.42 min Scan# 218

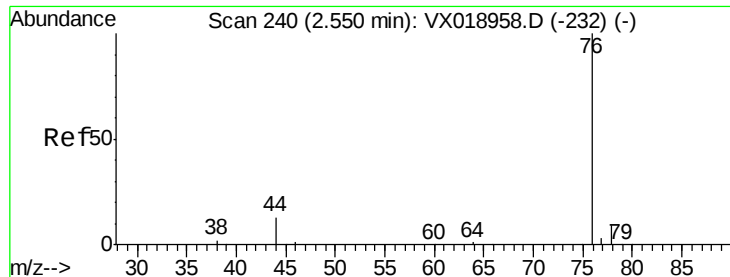
Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Tgt Ion:	43	Resp:	13990
Ion	Ratio	Lower	Upper
43	100		
58	35.8	27.8	41.8





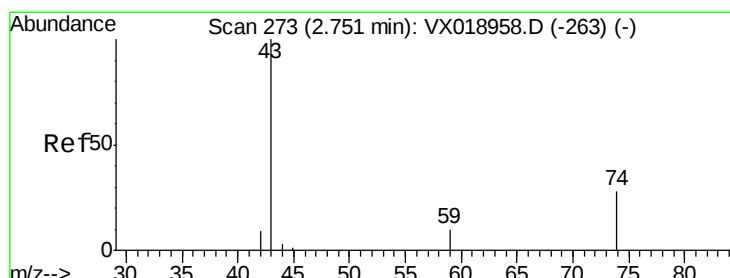
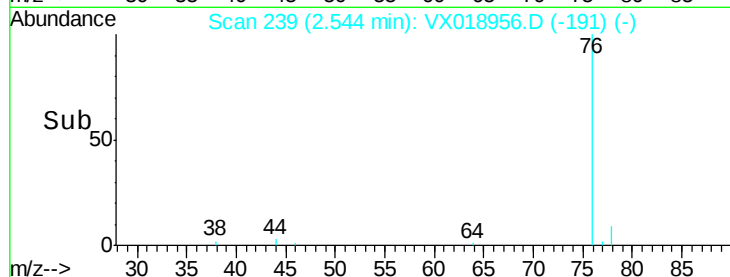
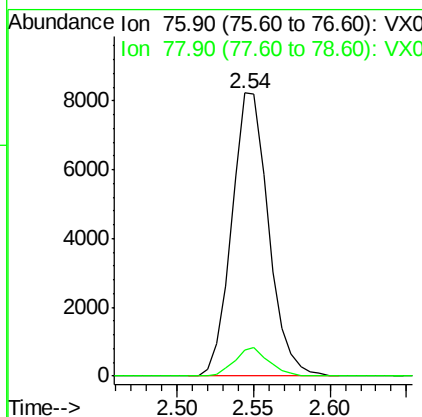
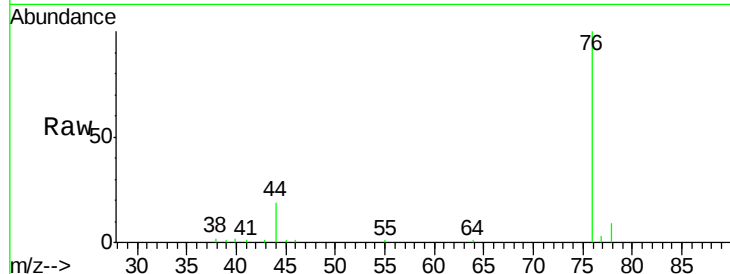
#17
Carbon Disulfide
Concen: 5.324 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	6.9	10.3

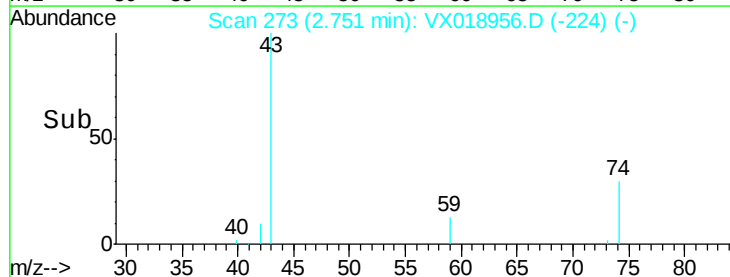
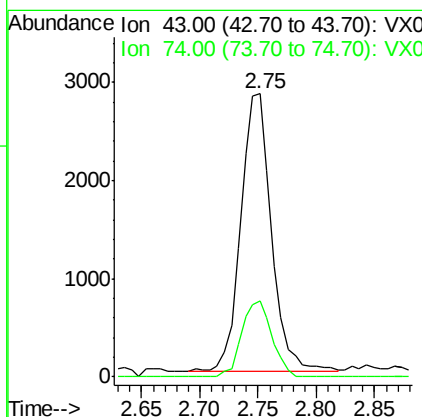
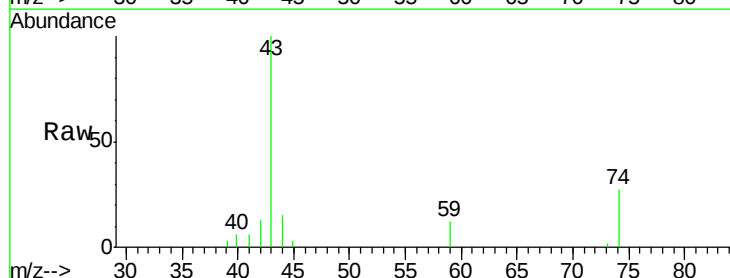
Manual Integrations
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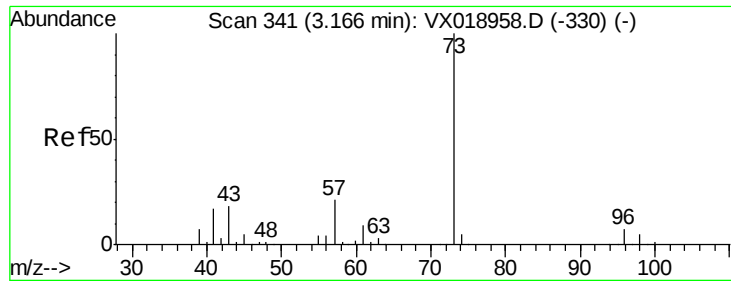
MMDadoda
10/20/2020 4:51:59 PM



#18
Methyl Acetate
Concen: 4.652 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.7	23.0	34.6





#19

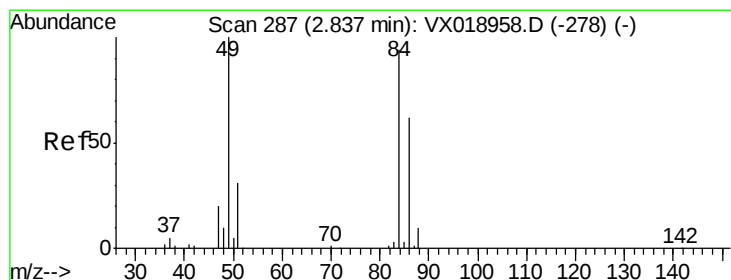
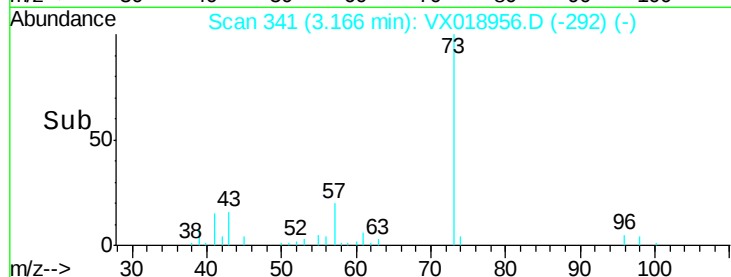
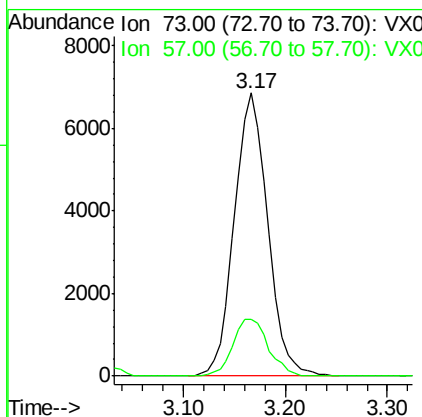
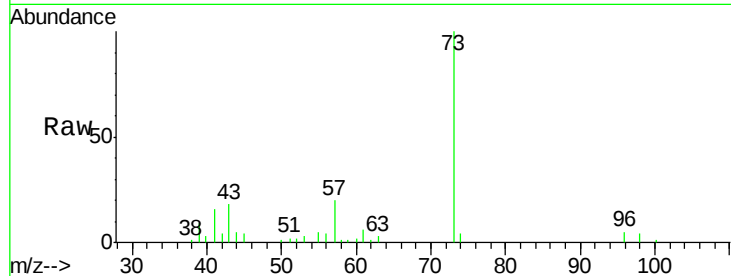
Methyl tert-butyl Ether
 Concen: 5.369 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.9	16.6	25.0

Manual Integrations
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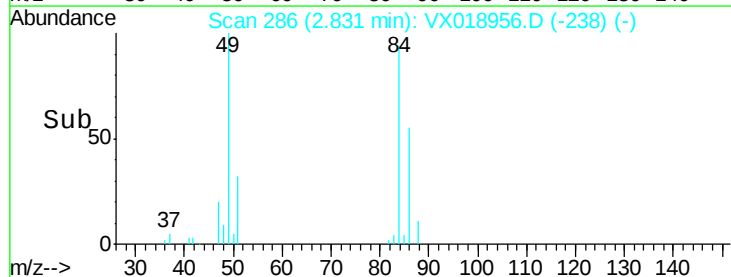
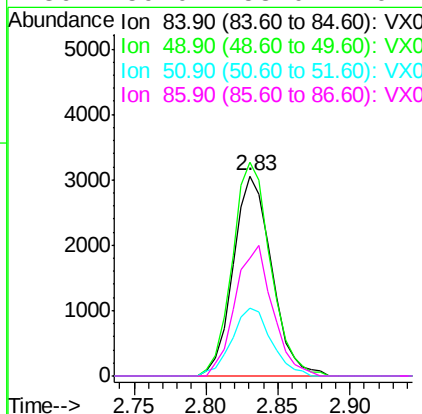
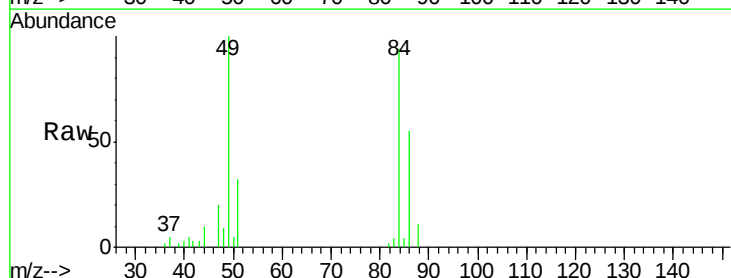
MMDadoda
 10/20/2020 4:51:59 PM

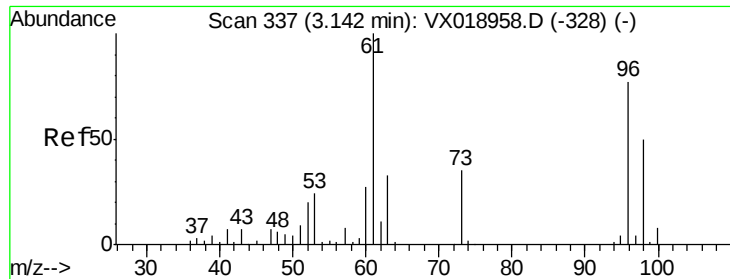


#20

Methylene Chloride
 Concen: 5.358 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.8	85.1	127.7
51	34.2	26.0	39.0
86	59.0	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 5.596 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

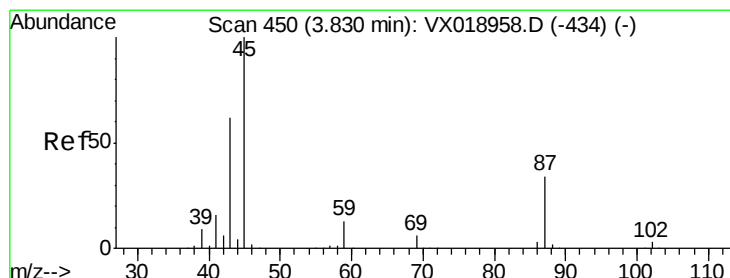
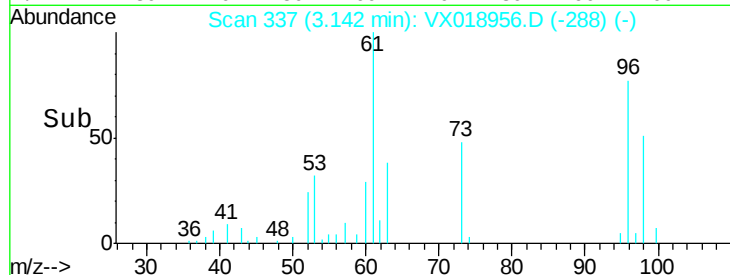
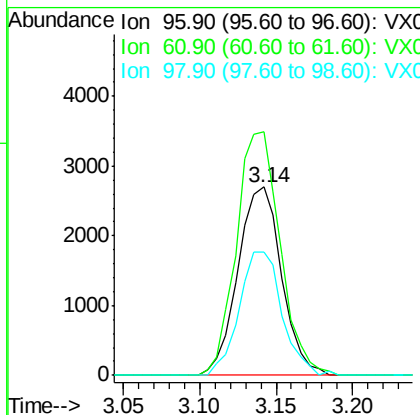
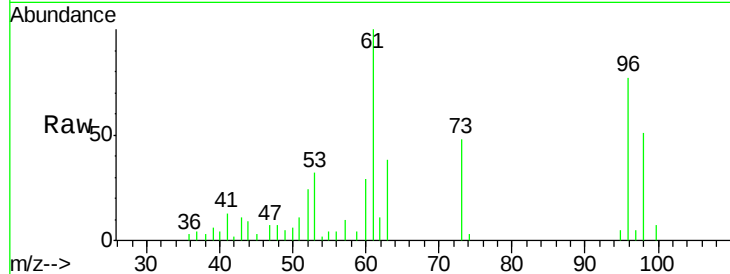
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	5350
Ion	Ratio	Lower	Upper
96	100		
61	129.5	103.4	155.0
98	65.8	51.7	77.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 4.644 ug/l

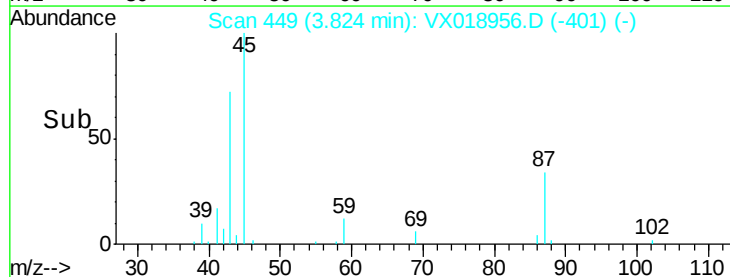
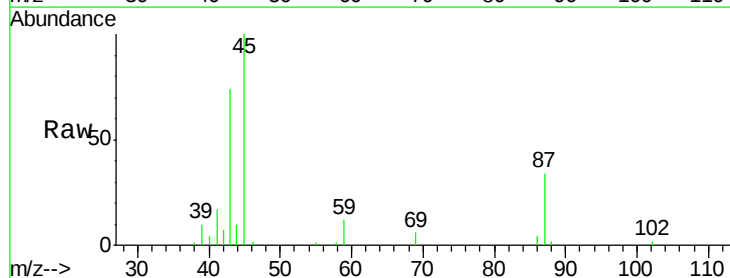
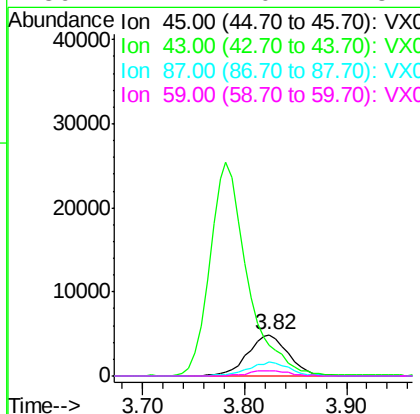
RT: 3.82 min Scan# 449

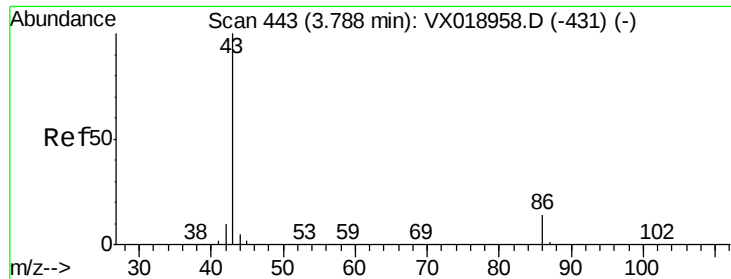
Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Tgt Ion:	45	Resp:	13596
Ion	Ratio	Lower	Upper
45	100		
43	71.0	49.7	74.5
87	34.3	27.4	41.2
59	12.1	10.1	15.1





#23

Vinyl Acetate

Concen: 24.535 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 64585

Ion Ratio Lower Upper

43 100

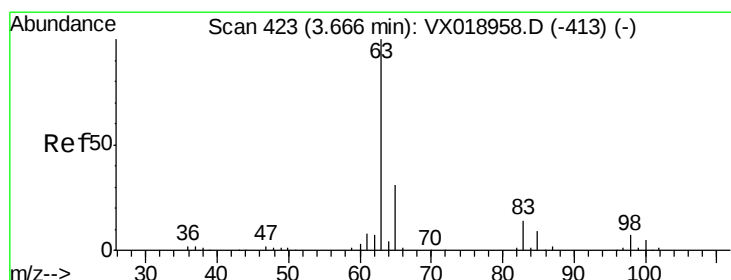
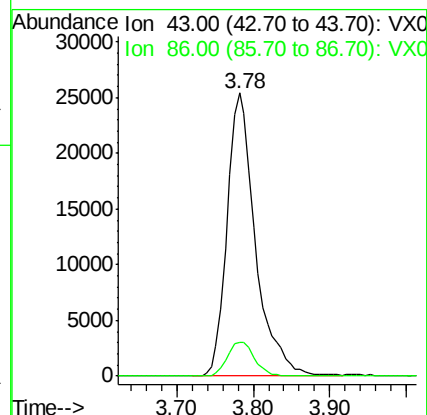
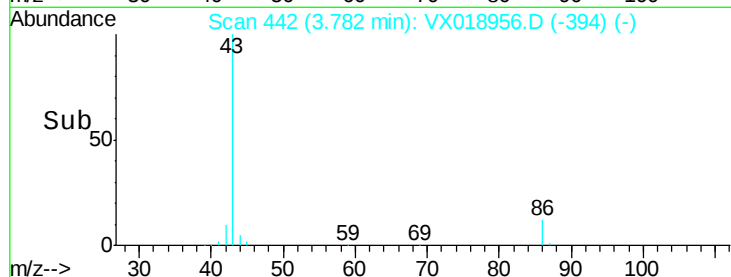
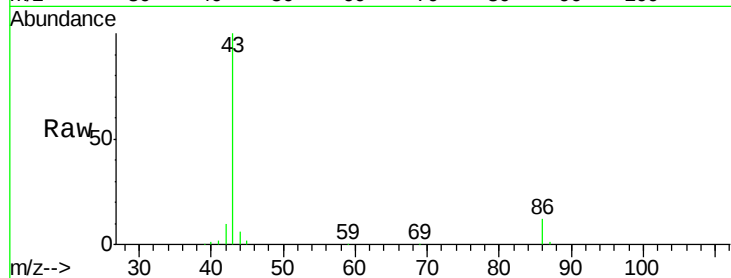
86 12.0 10.9 16.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 5.430 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

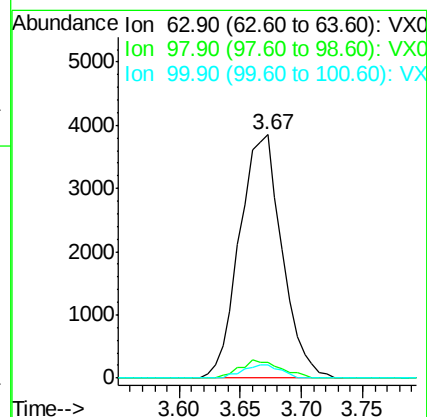
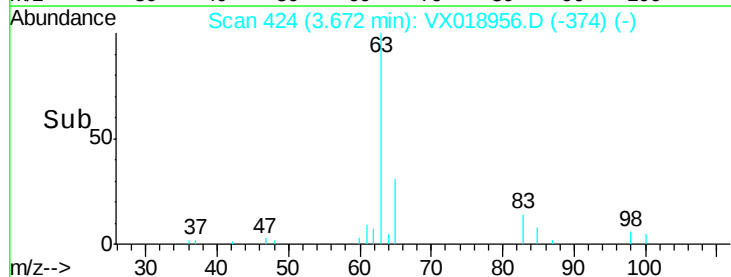
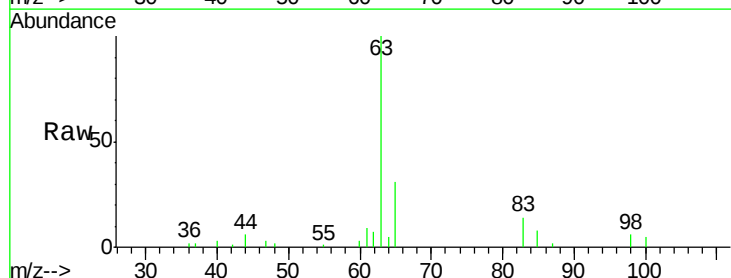
Tgt Ion: 63 Resp: 9319

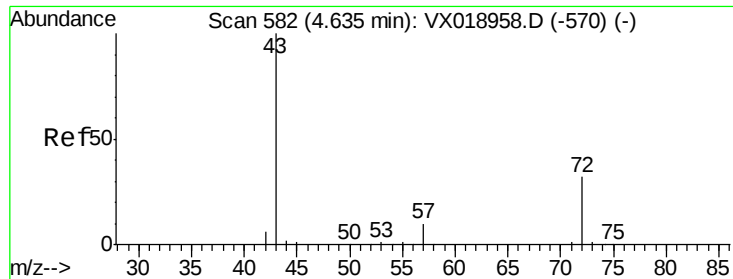
Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.9

100 5.2 2.4 7.1





#25

2-Butanone

Concen: 24.217 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 18448

Ion Ratio Lower Upper

43 100

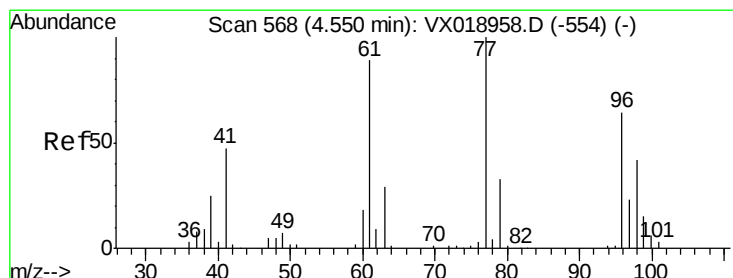
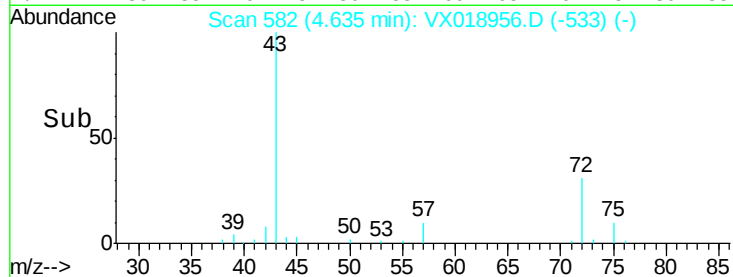
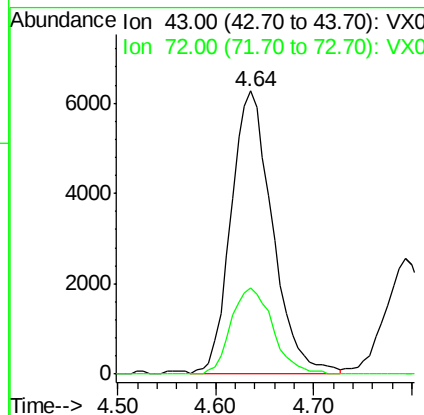
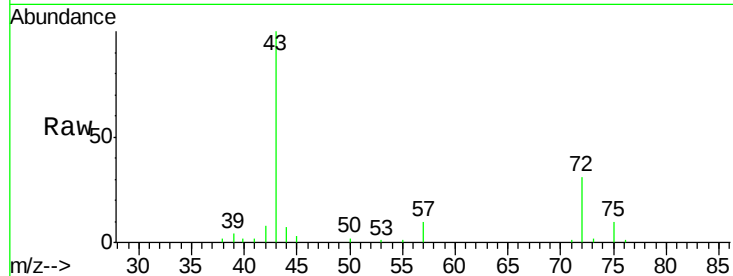
72 30.5 25.8 38.6

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 6.151 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018956.D

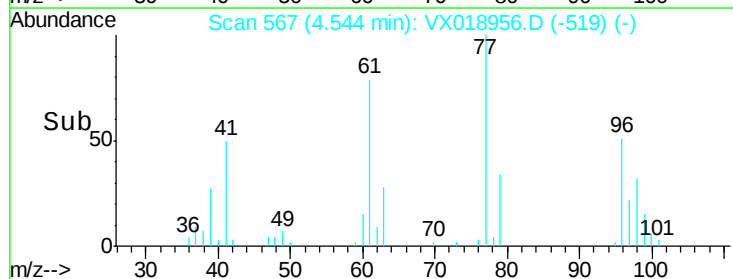
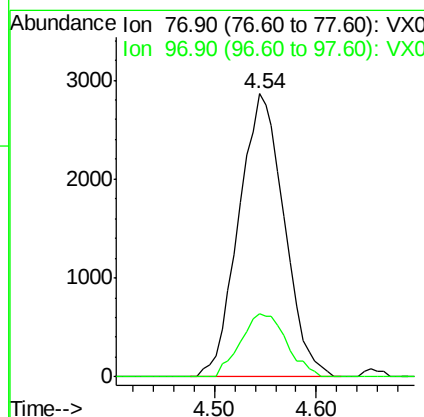
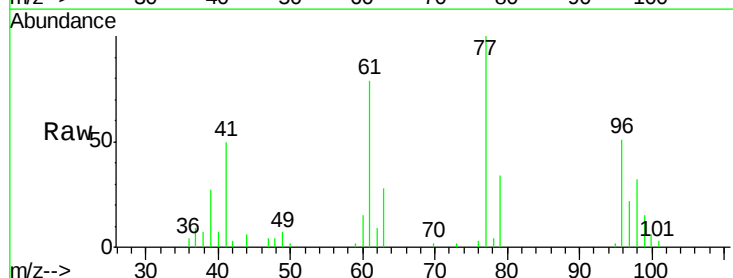
Acq: 19 Oct 2020 16:51

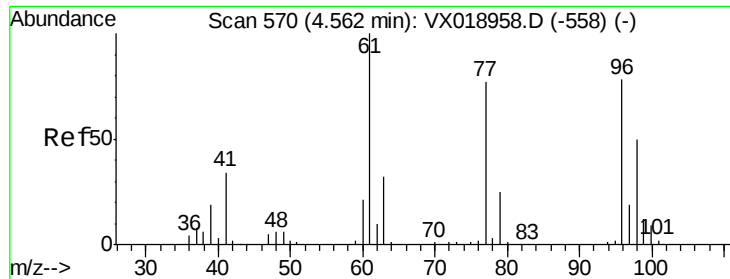
Tgt Ion: 77 Resp: 8836

Ion Ratio Lower Upper

77 100

97 22.7 11.6 34.8





#27

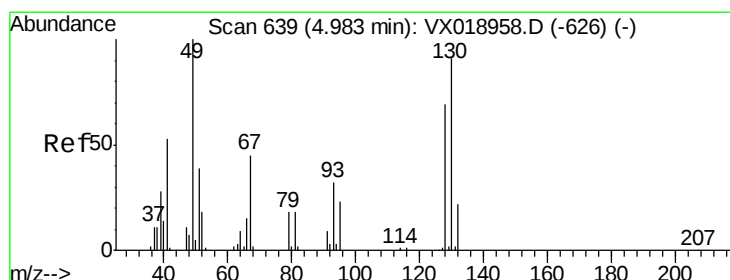
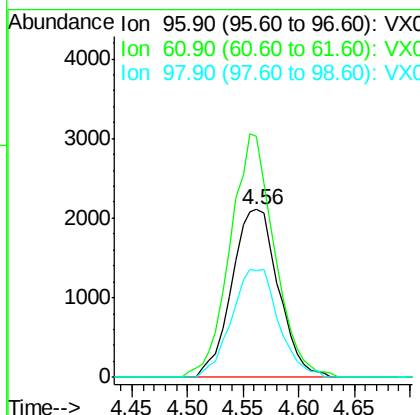
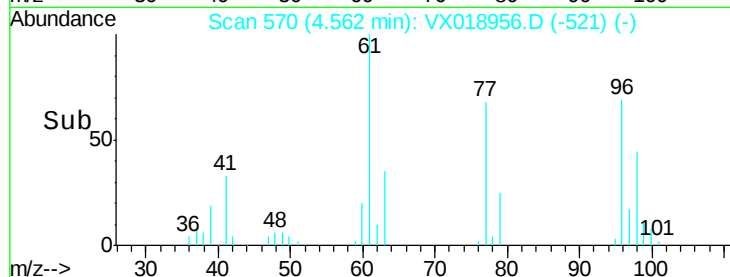
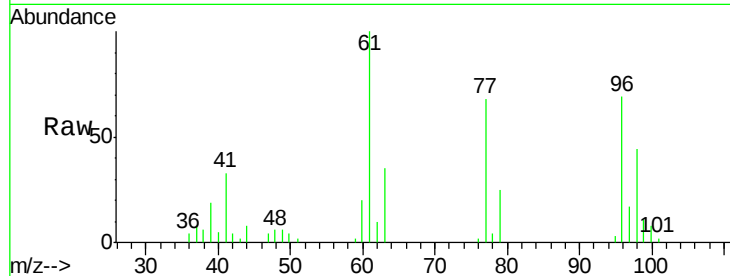
cis-1,2-Dichloroethene
Concen: 5.536 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.5	0.0	265.2
98	64.8	0.0	128.4

Manual Integrations
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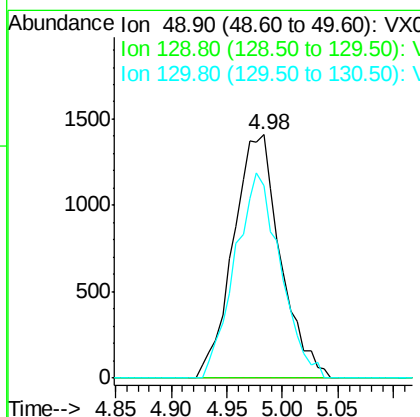
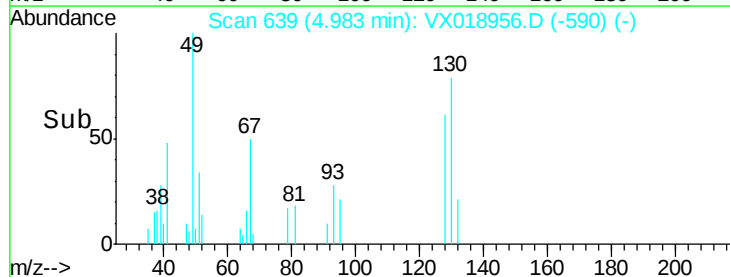
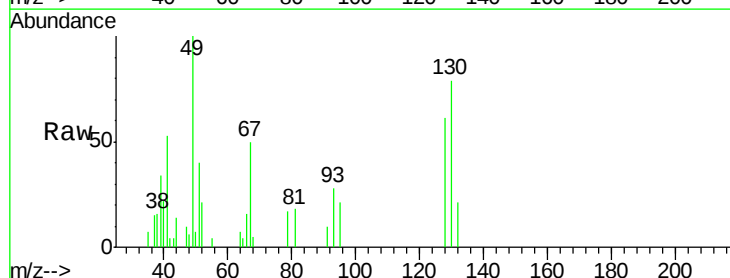
MMDadoda
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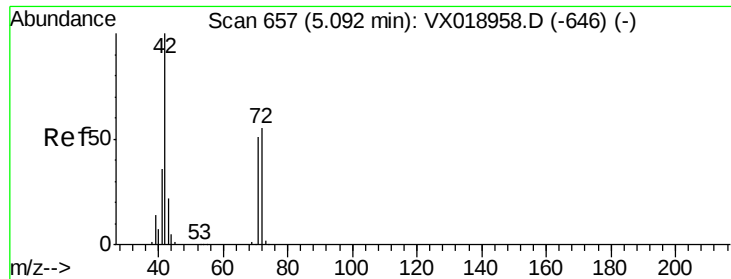


#28

Bromochloromethane
Concen: 5.081 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	81.4	72.0	108.0





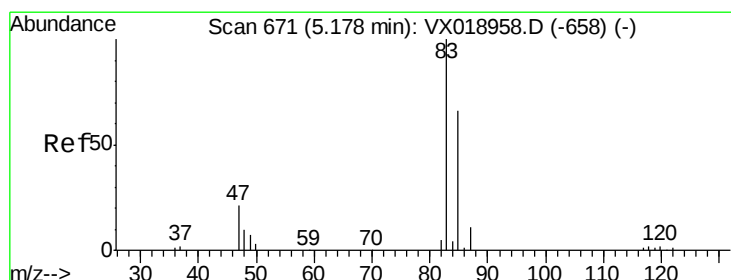
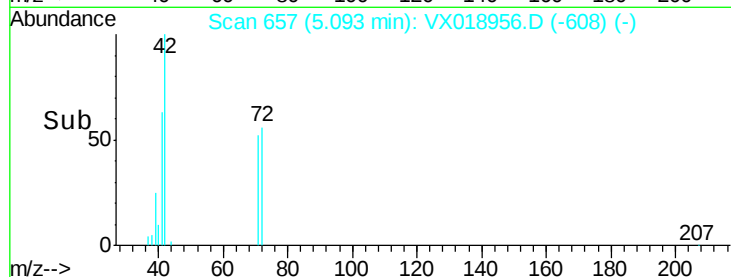
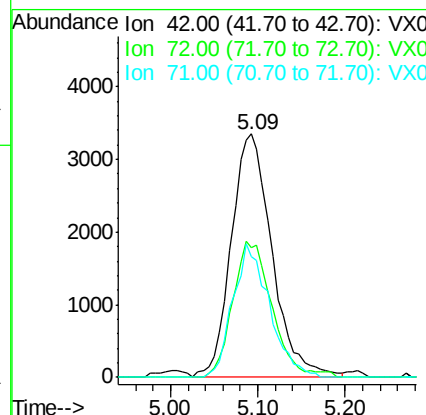
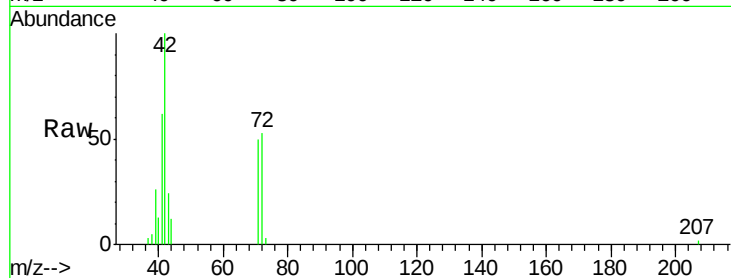
#29
Tetrahydrofuran
Concen: 22.724 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.9	44.9	67.3
71	49.2	41.0	61.6

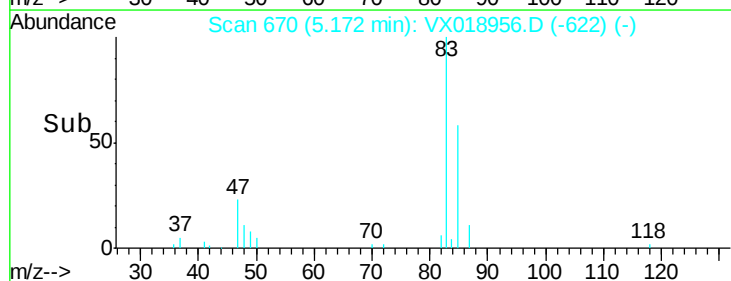
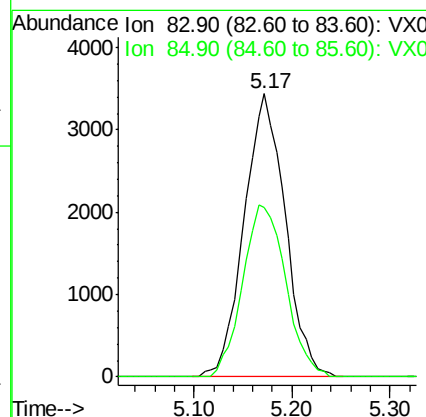
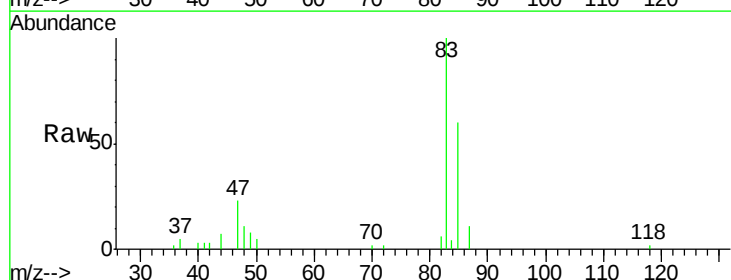
Manual Integrations
APPROVED

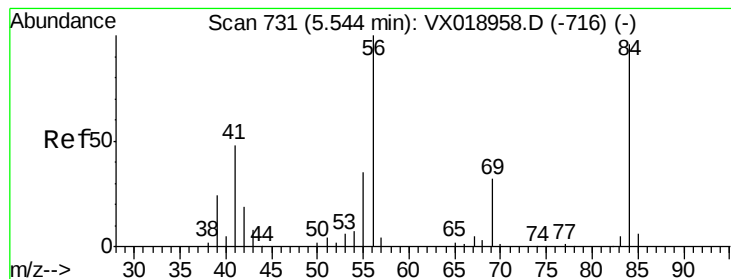
MMDadoda
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#30
Chloroform
Concen: 5.611 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.1	52.6	78.8





#31

Cyclohexane

Concen: 5.286 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

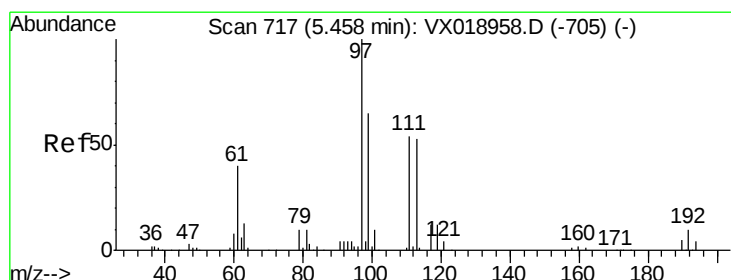
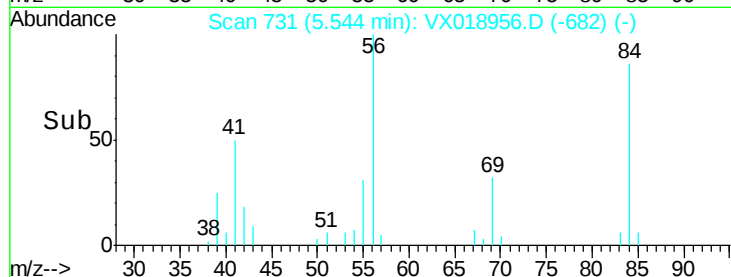
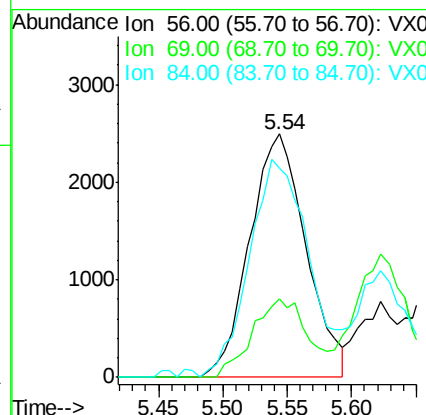
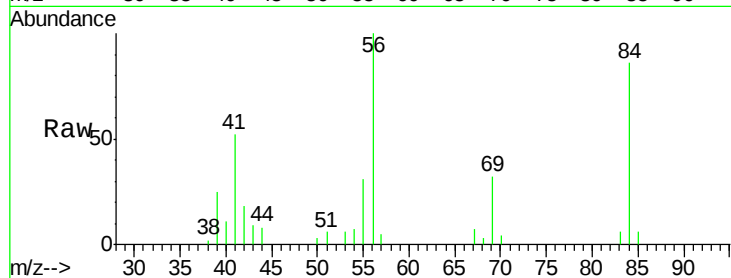
ClientSampleId :

VSTDIC005

Tot Ion:	56	Resp:	7569
Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.4	38.0
84	83.1	75.4	113.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 5.299 ug/l

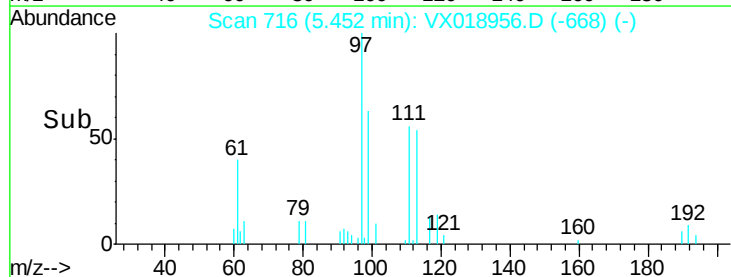
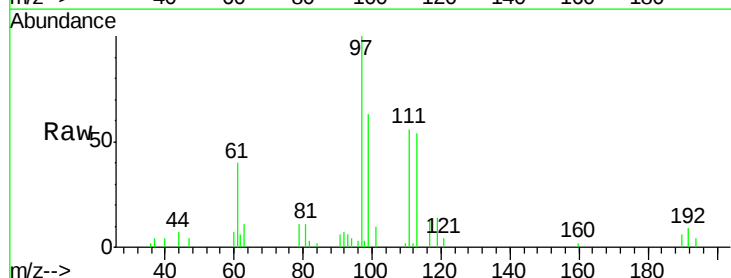
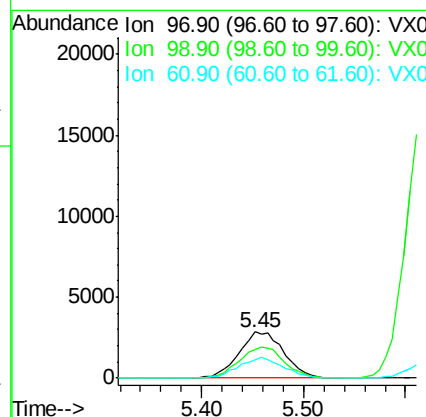
RT: 5.45 min Scan# 716

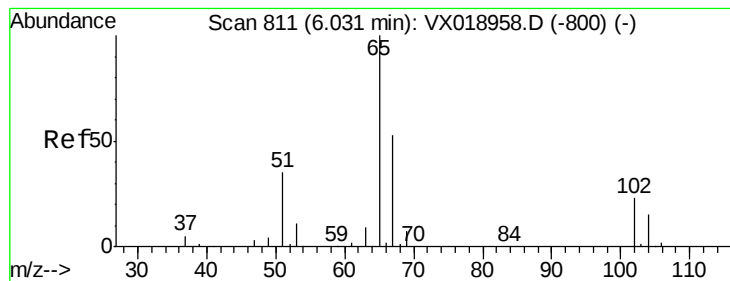
Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Tgt Ion:	97	Resp:	8728
Ion	Ratio	Lower	Upper
97	100		
99	67.2	50.5	75.7
61	44.1	32.3	48.5





#33

1,2-Dichloroethane-d4

Concen: 5.748 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 6820

Ion Ratio Lower Upper

65 100

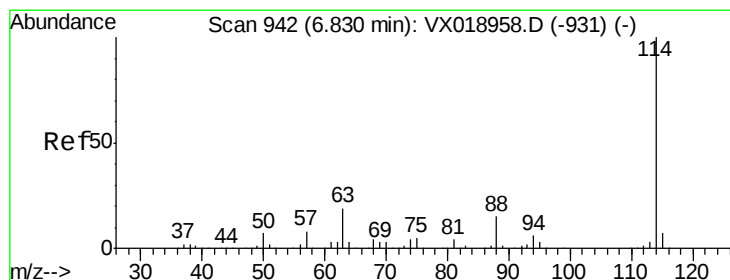
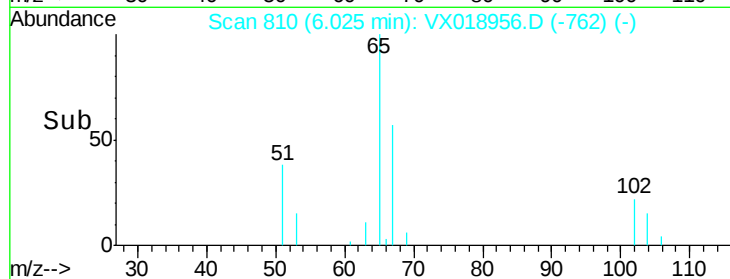
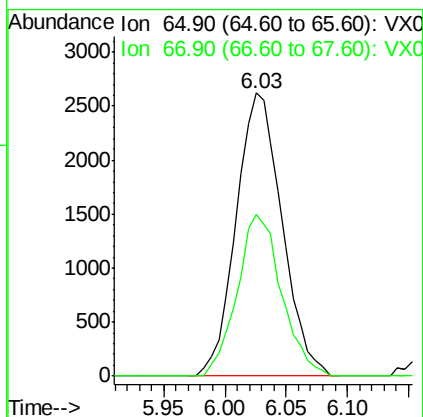
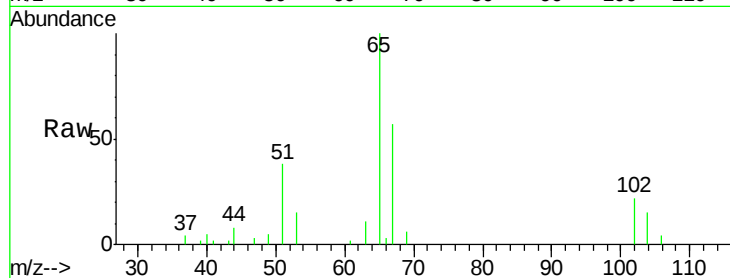
67 55.3 0.0 105.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

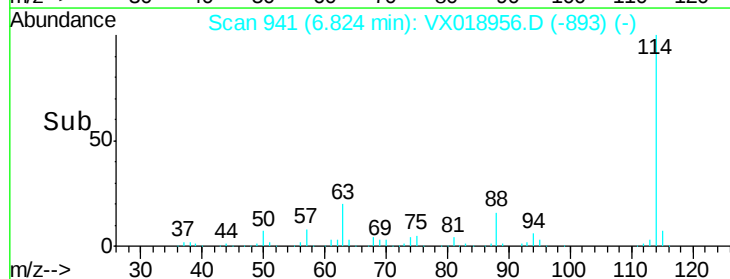
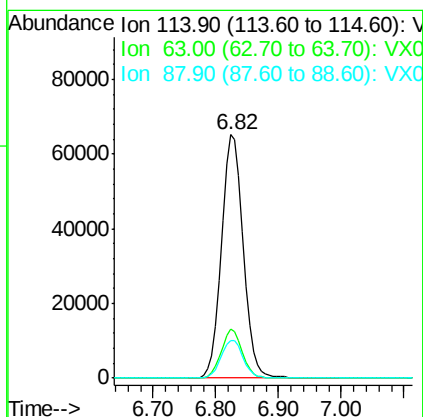
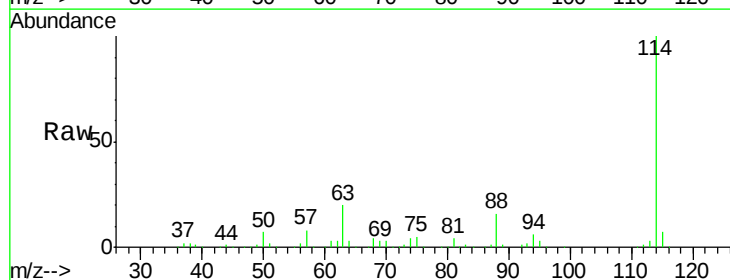
Tgt Ion: 114 Resp: 156336

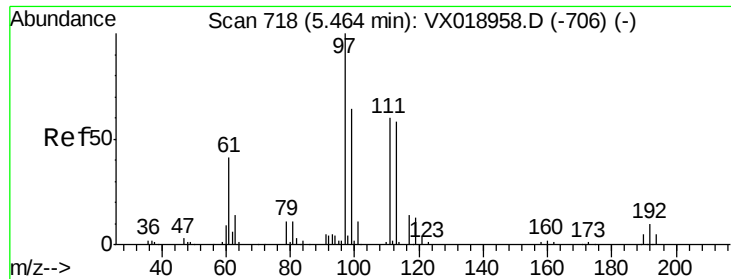
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

88 15.5 0.0 30.8





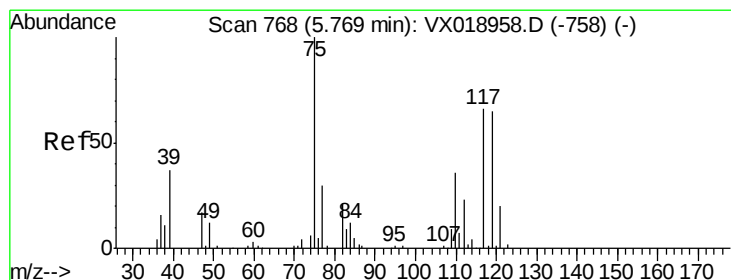
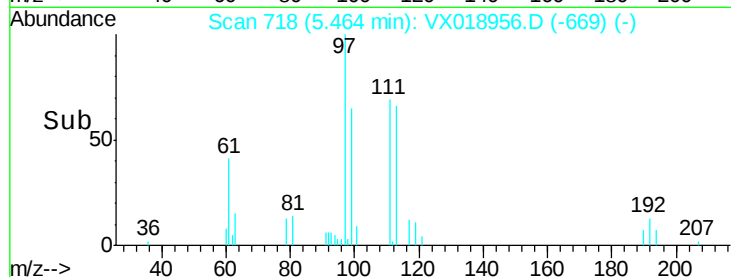
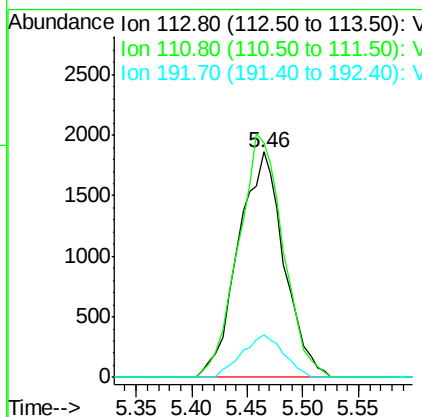
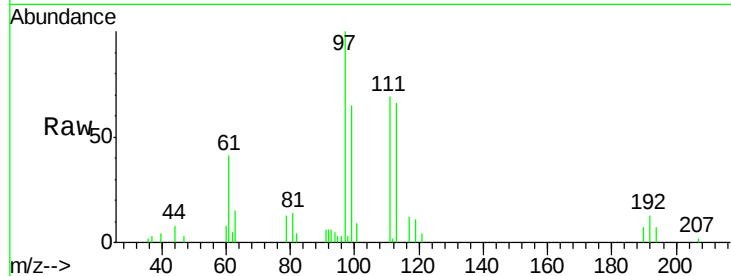
#35
Dibromofluoromethane
Concen: 5.119 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.4	80.8	121.2
192	17.3	14.5	21.7

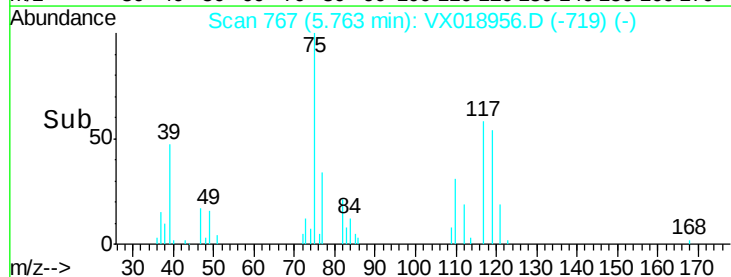
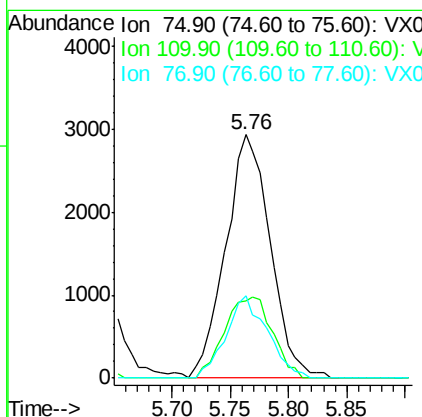
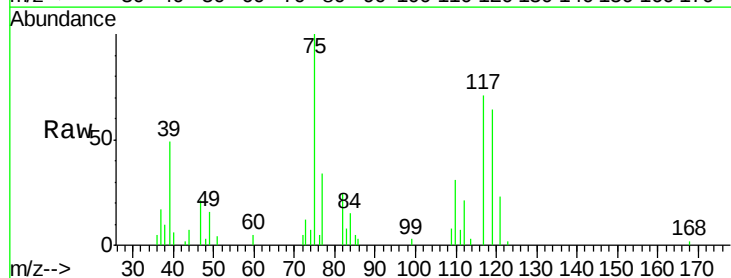
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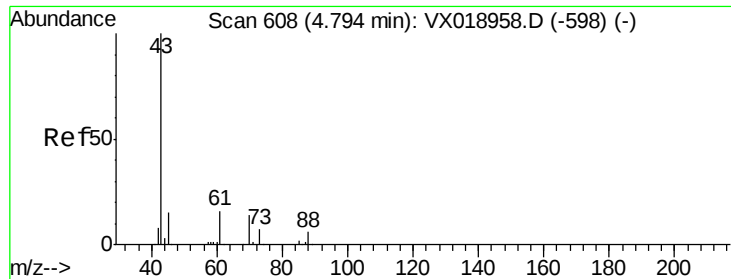
MMDadoda
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#36
1,1-Dichloropropene
Concen: 5.444 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	18.3	54.8
77	31.2	25.0	37.4





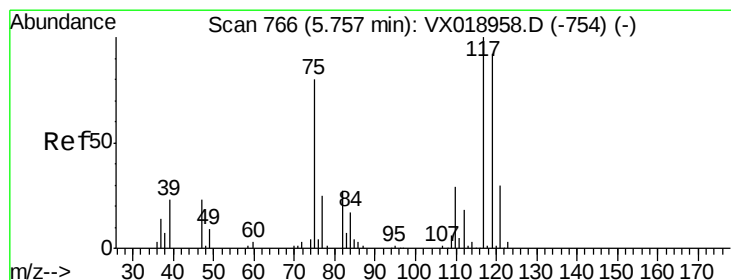
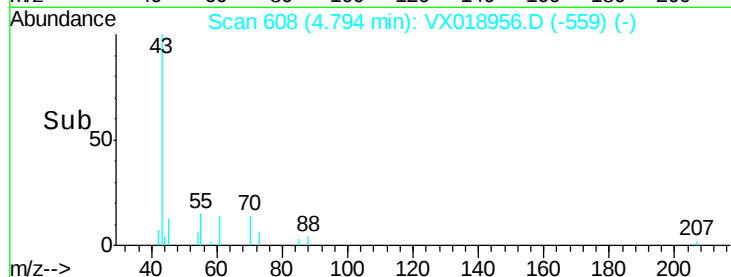
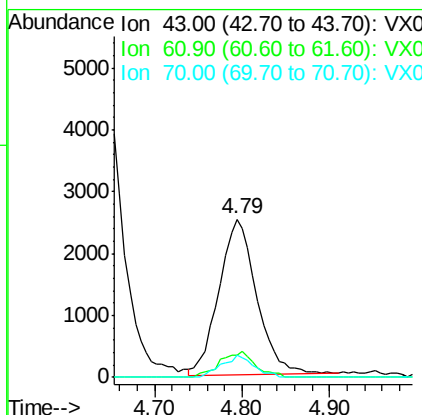
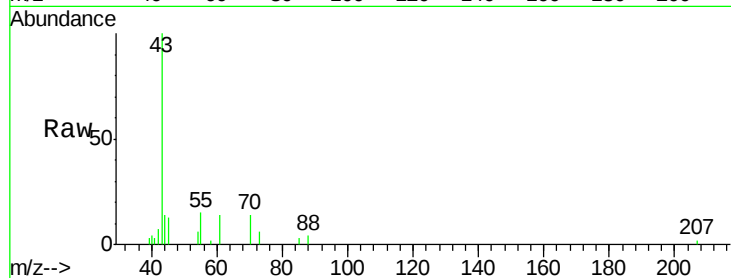
#37
Ethyl Acetate
Concen: 4.587 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.7	19.1
70	12.3	10.6	15.8

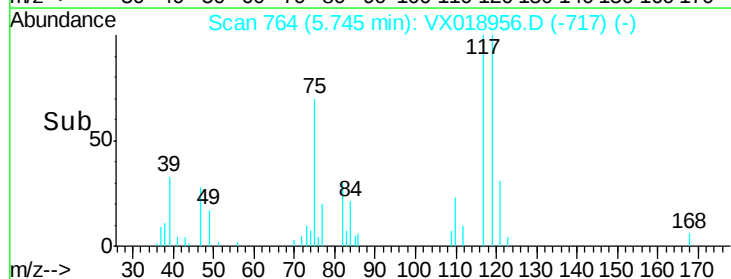
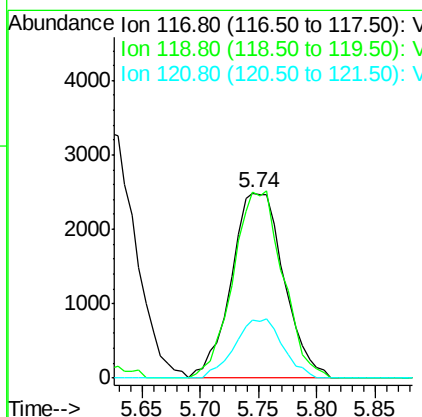
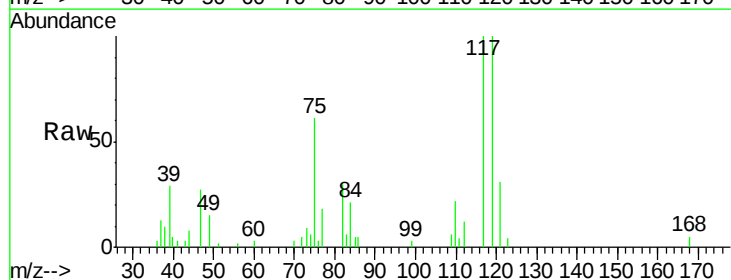
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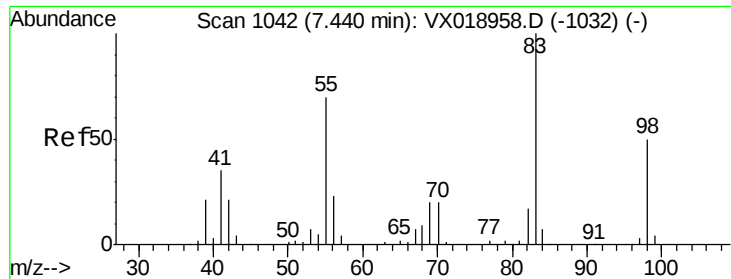
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#38
Carbon Tetrachloride
Concen: 4.850 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.2	73.2	109.8
121	31.3	23.5	35.3





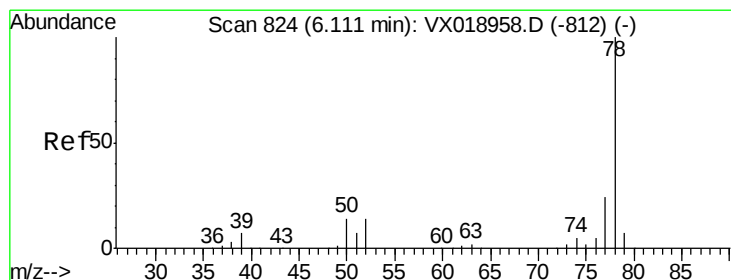
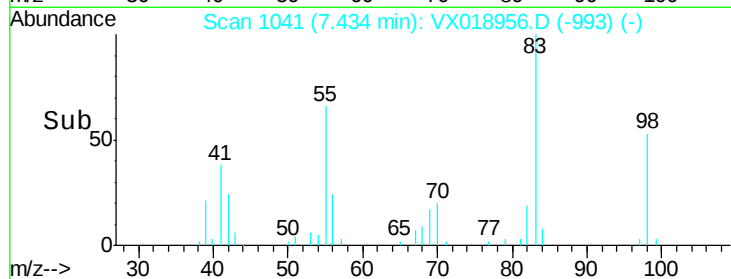
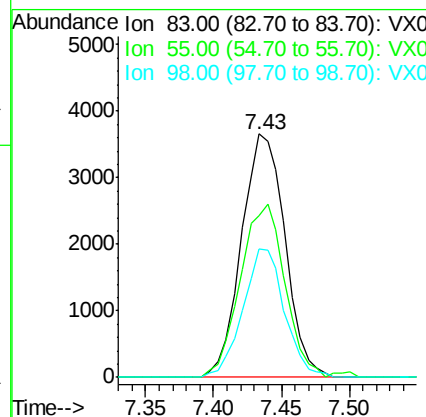
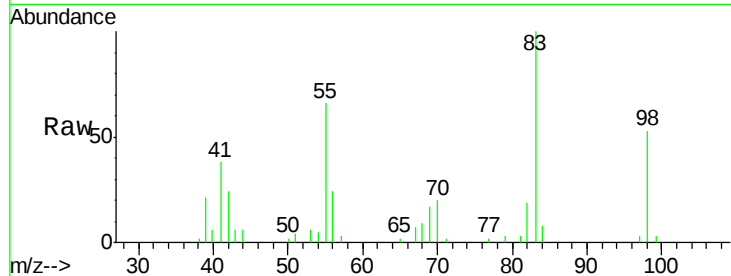
#39
Methvlcvclohexane
Concen: 5.200 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.4	56.3	84.5
98	52.6	39.8	59.6

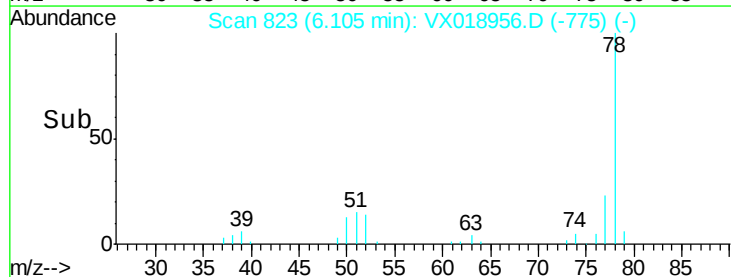
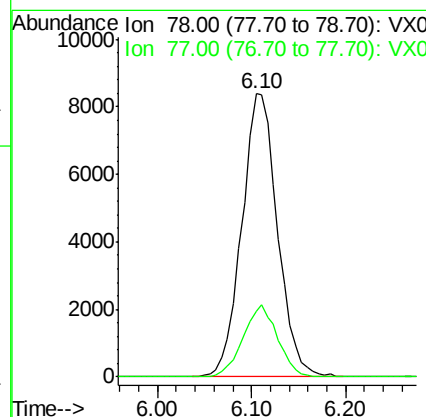
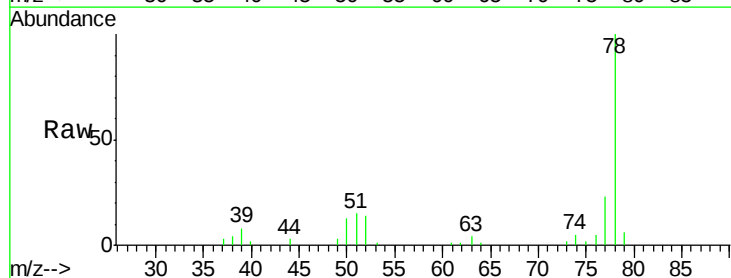
Manual Integrations
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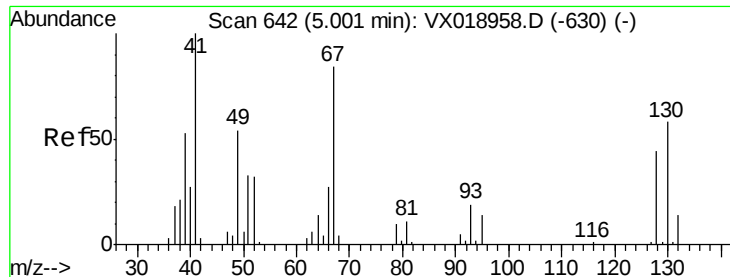
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#40
Benzene
Concen: 5.226 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.2	28.8





#41

Methacrylonitrile

Concen: 4.312 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 41 Resp: 3845

Ion Ratio Lower Upper

41 100

39 60.9 43.7 65.5

67 86.9 70.9 106.3

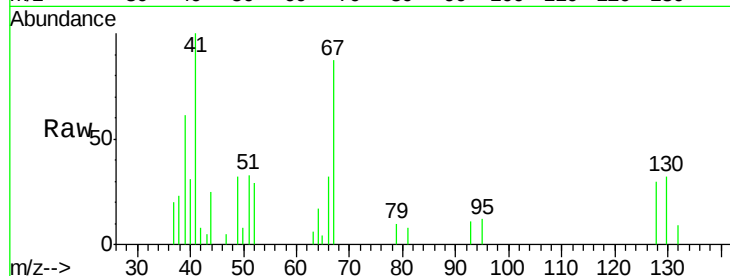
52 32.6 27.0 40.6

Manual Integrations

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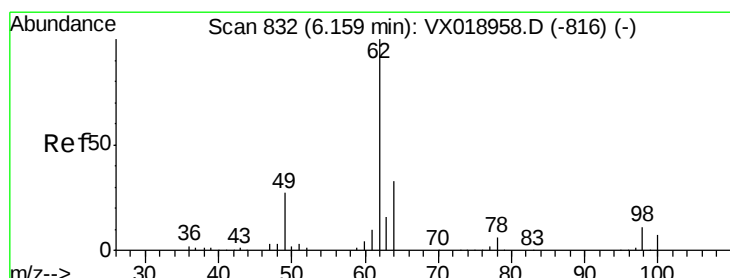
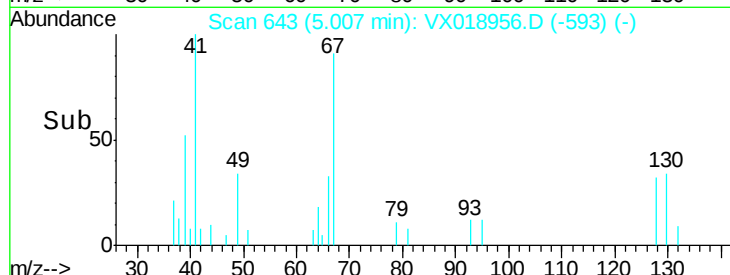
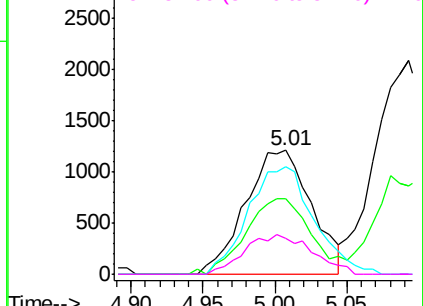


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 4.937 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX018956.D

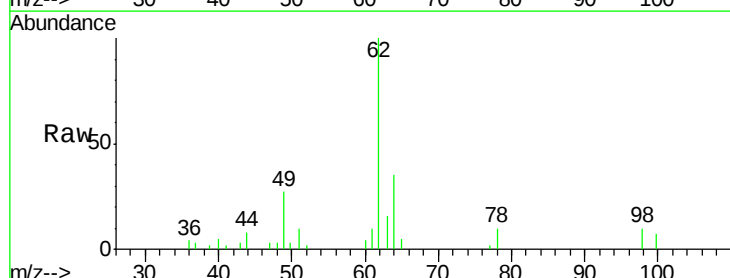
Acq: 19 Oct 2020 16:51

Tgt Ion: 62 Resp: 7913

Ion Ratio Lower Upper

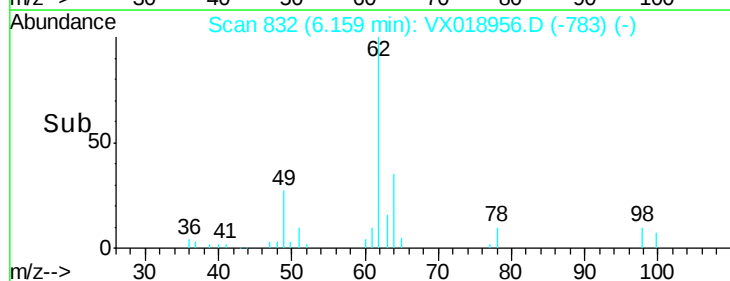
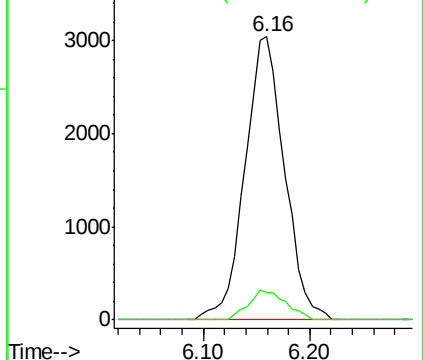
62 100

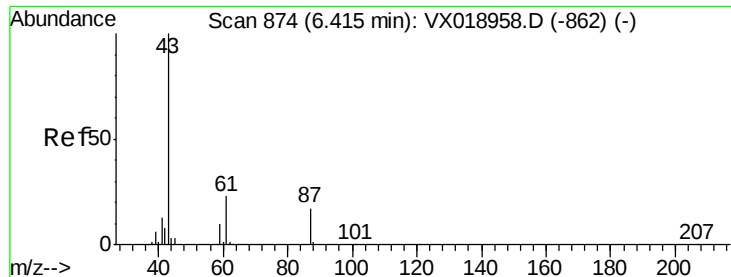
98 10.0 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.785 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

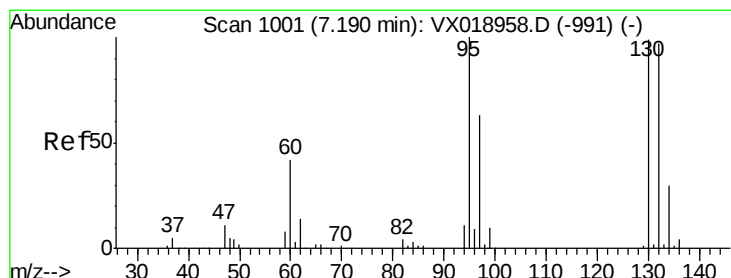
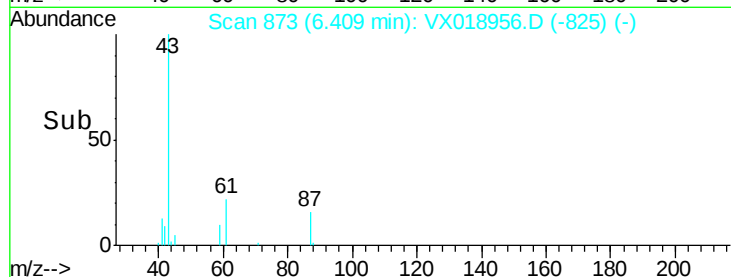
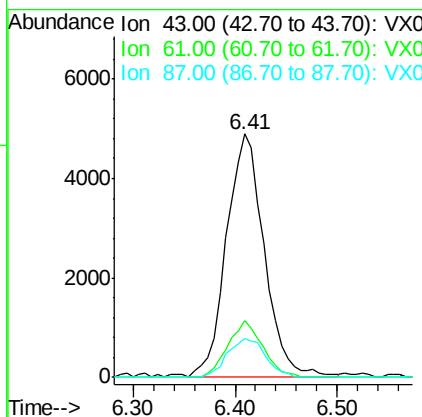
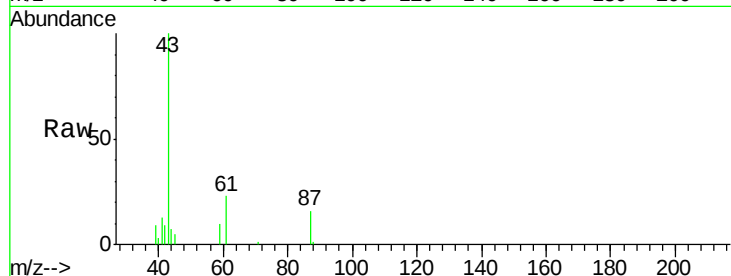
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	12617
Ion	Ratio	Lower	Upper
43	100		
61	21.3	18.3	27.5
87	15.8	13.4	20.2

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#44

Trichloroethene

Concen: 5.033 ug/l

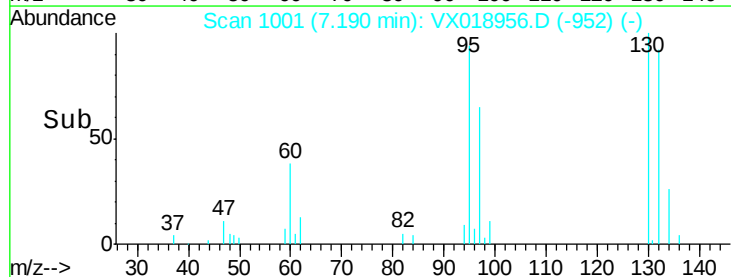
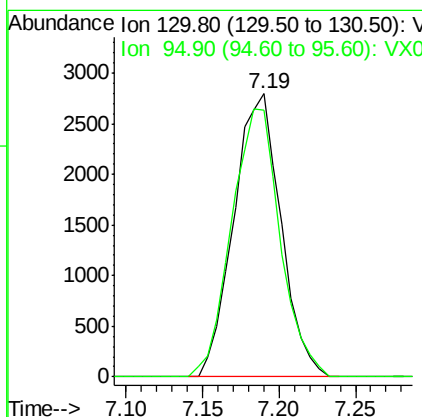
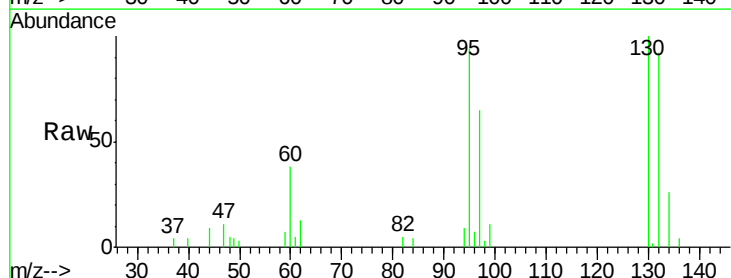
RT: 7.19 min Scan# 1001

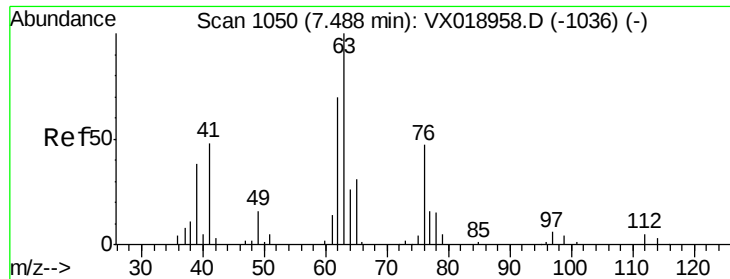
Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Tgt Ion:	130	Resp:	5979
Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	201.0





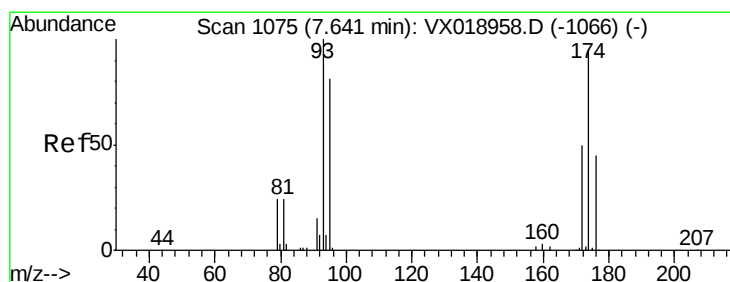
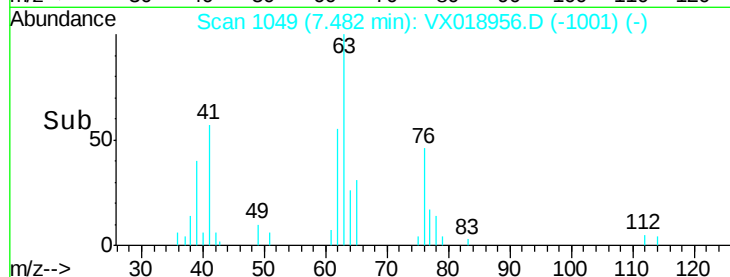
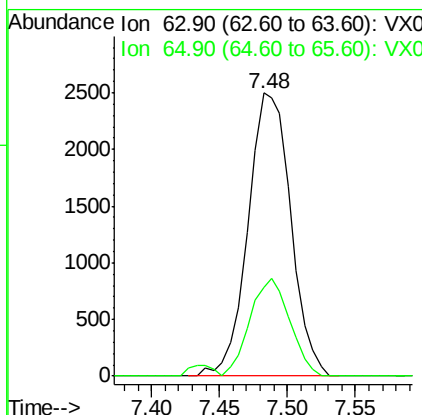
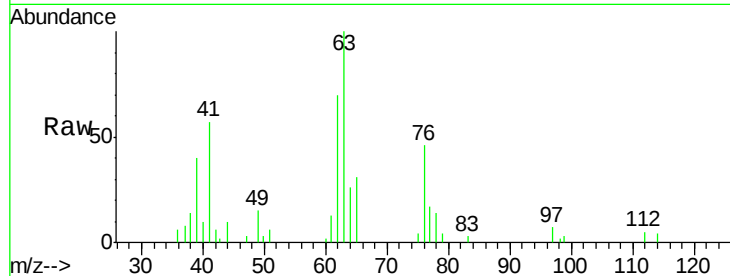
#45
 1,2-Dichloropropane
 Concen: 4.898 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 5500
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.6

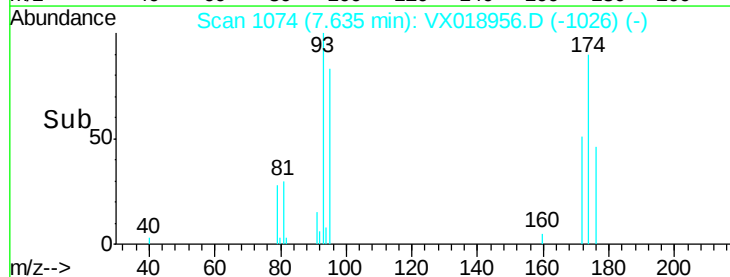
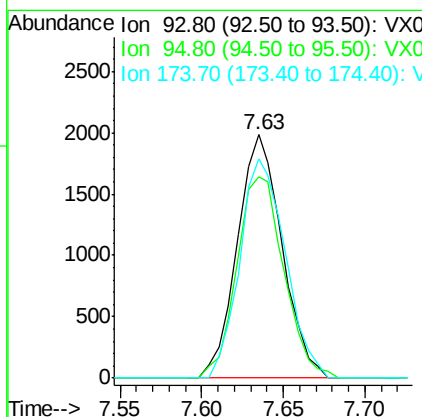
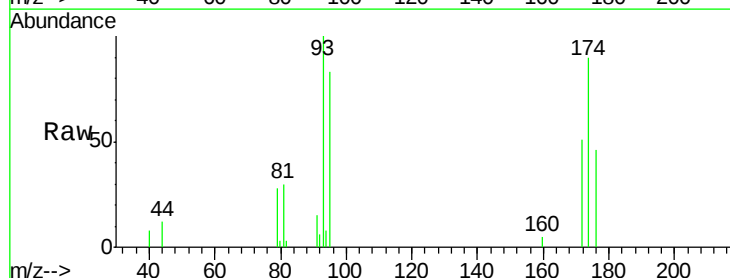
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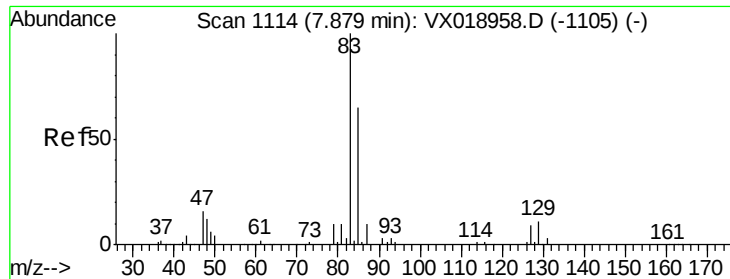
MMDadoda
 10/20/2020 4:51:59 PM



#46
 Dibromomethane
 Concen: 4.737 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Tgt Ion: 93 Resp: 3778
 Ion Ratio Lower Upper
 93 100
 95 86.8 66.6 100.0
 174 91.7 73.8 110.8





#47

Bromodichloromethane

Concen: 4.945 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

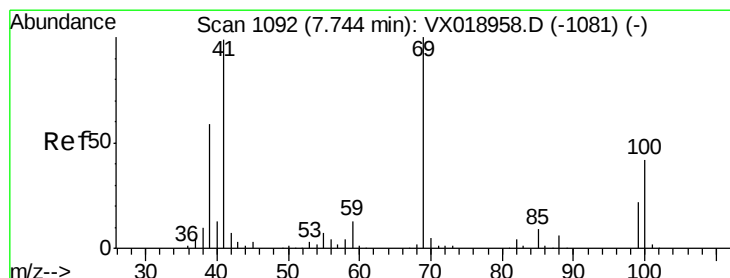
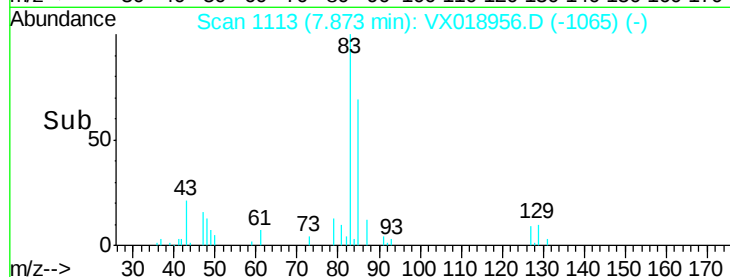
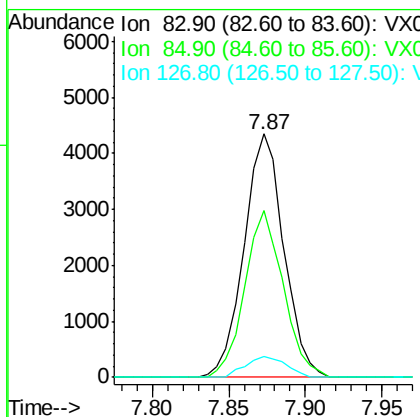
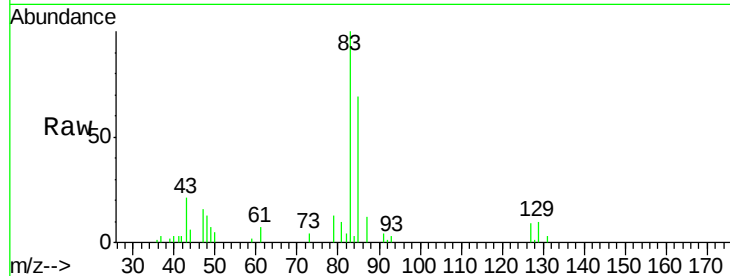
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	7854
Ion	Ratio	Lower	Upper
83	100		
85	68.6	52.4	78.6
127	8.8	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 4.469 ug/l

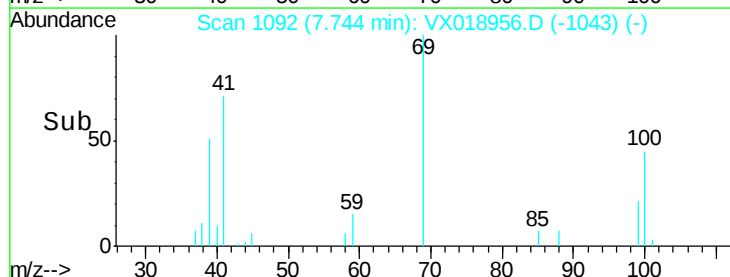
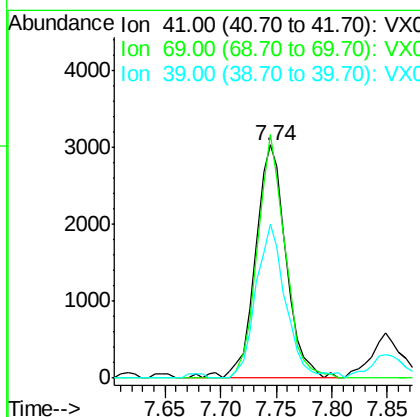
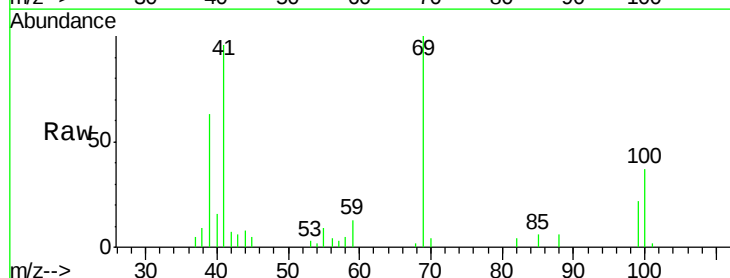
RT: 7.74 min Scan# 1092

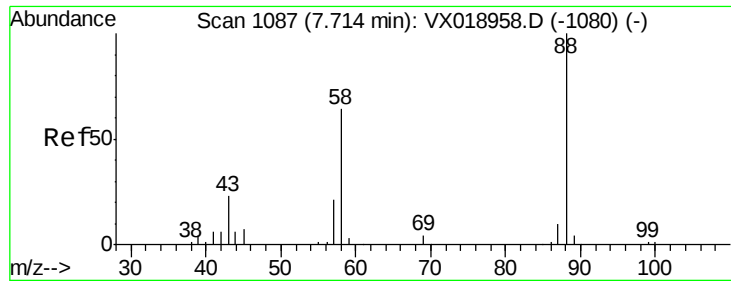
Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Tgt Ion:	41	Resp:	5808
Ion	Ratio	Lower	Upper
41	100		
69	94.7	82.4	123.6
39	64.2	48.1	72.1





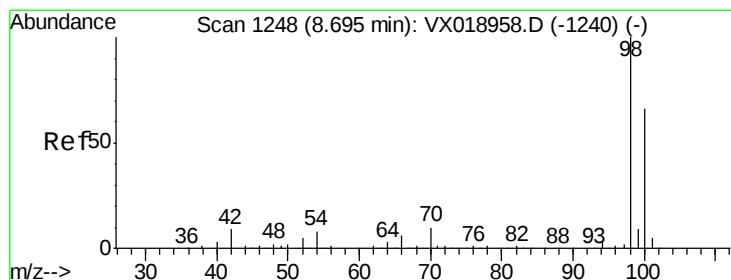
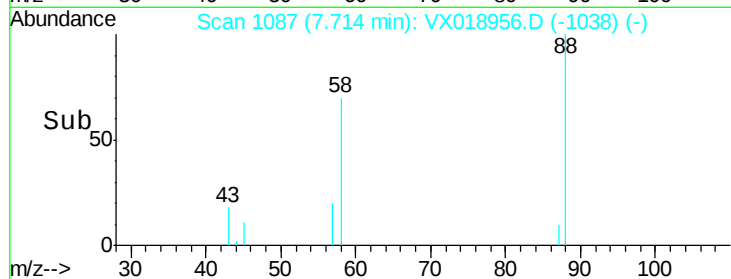
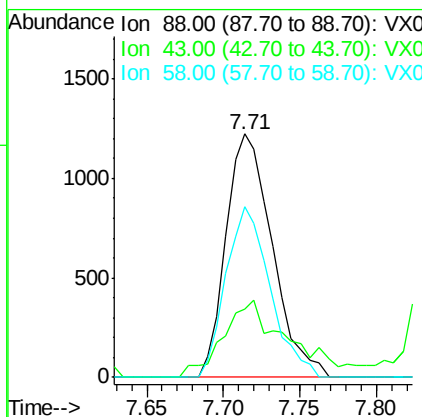
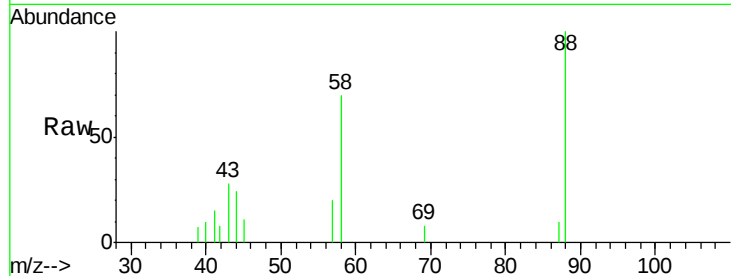
#49
1,4-Dioxane
Concen: 105.728 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	45.2	21.1	31.7#
58	67.1	50.3	75.5

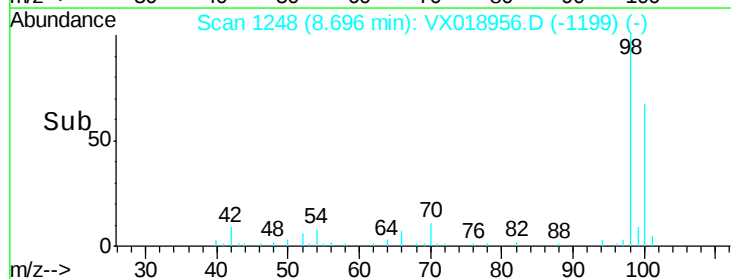
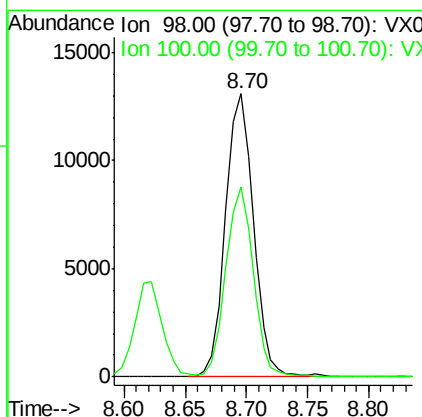
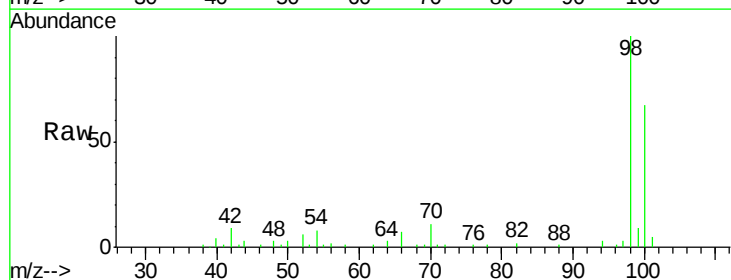
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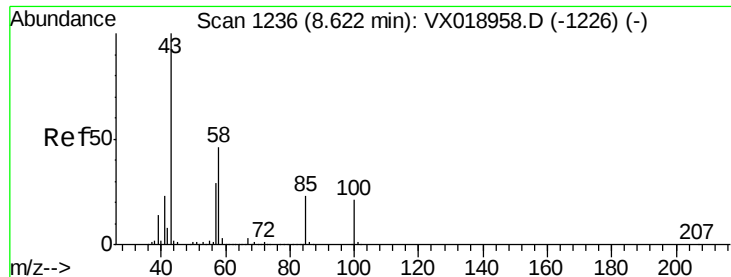
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#50
Toluene-d8
Concen: 5.318 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.4	80.2





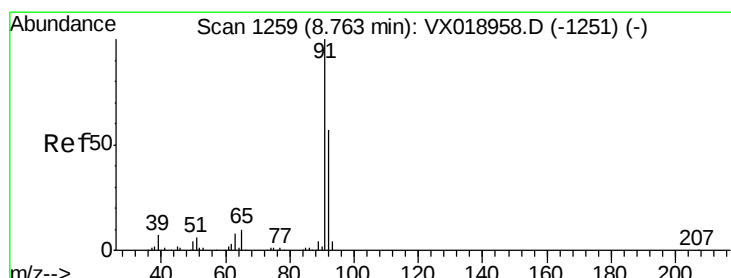
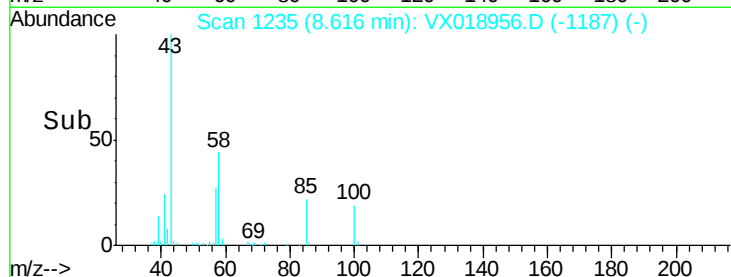
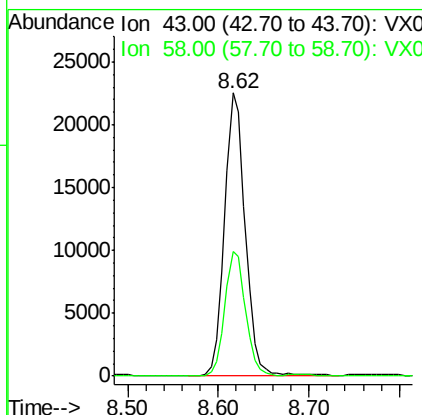
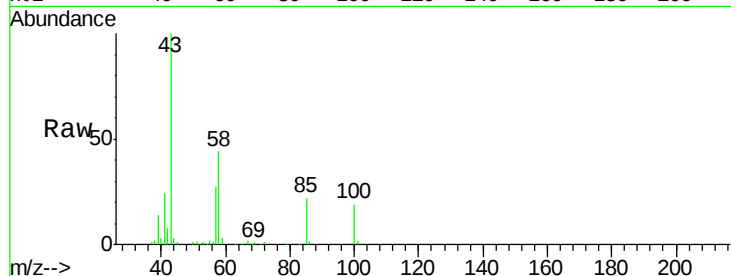
#51
4-Methyl-2-Pentanone
Concen: 22.316 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	43	Resp	36091
Ion Ratio	100	Lower	Upper
43	100		
58	43.8	36.4	54.6

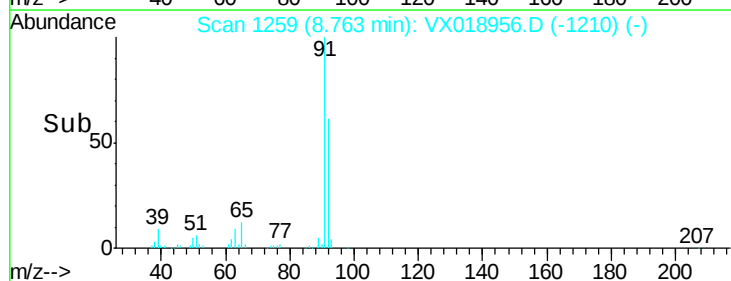
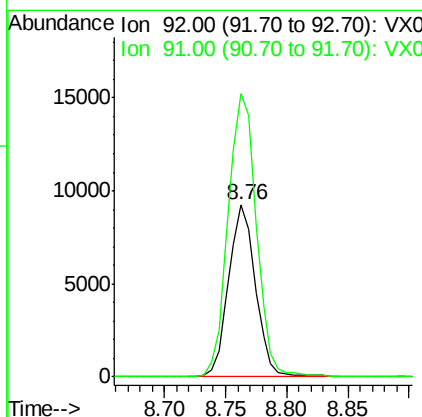
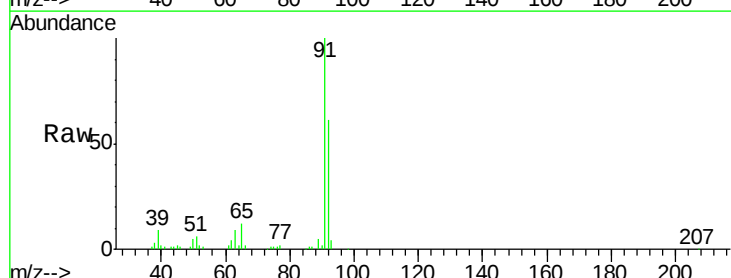
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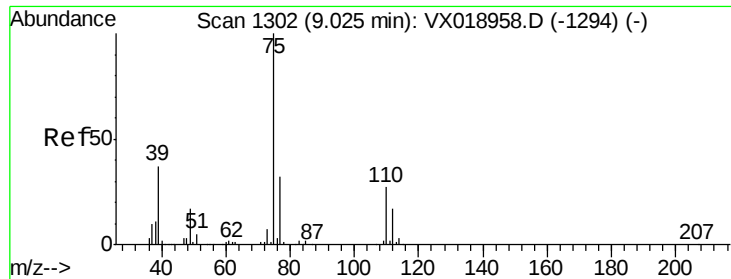
MMDadoda
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#52
Toluene
Concen: 5.203 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion	92	Resp	14107
Ion Ratio	100	Lower	Upper
92	100		
91	172.3	137.1	205.7





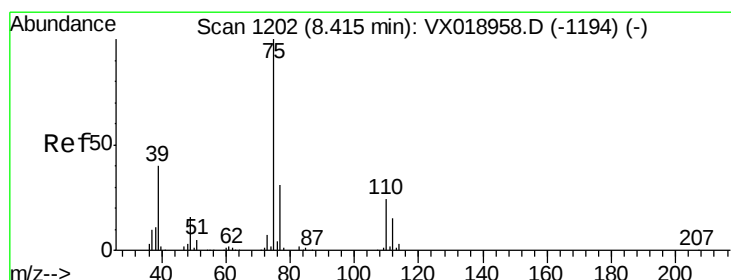
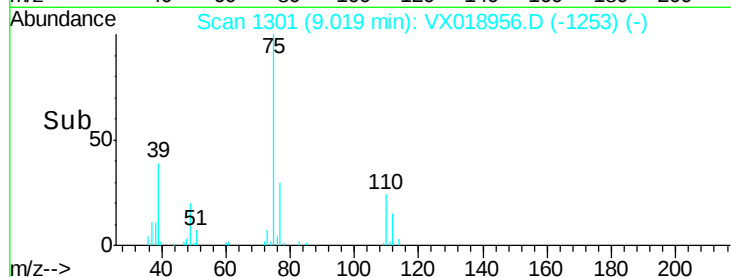
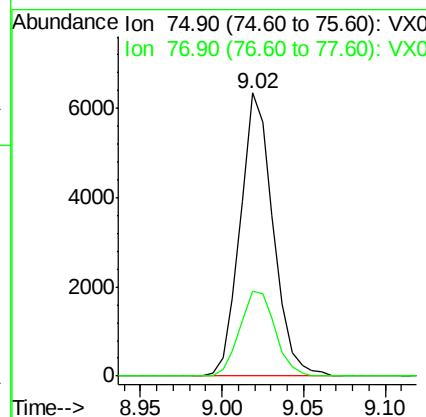
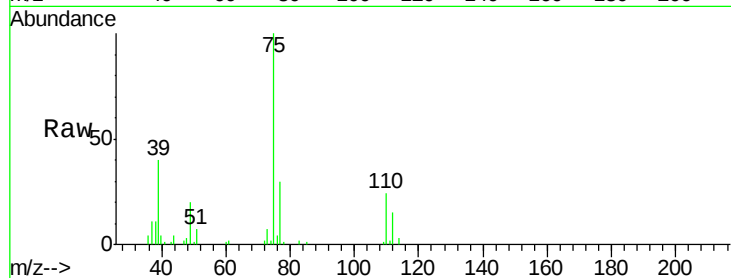
#53
t-1,3-Dichloropropene
Concen: 5.029 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.9	26.0	39.0

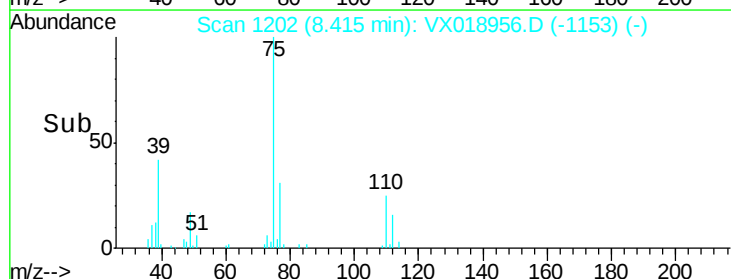
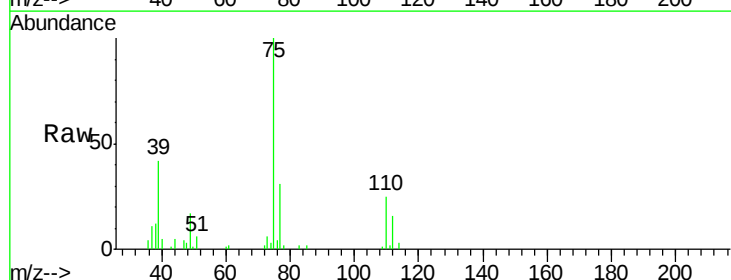
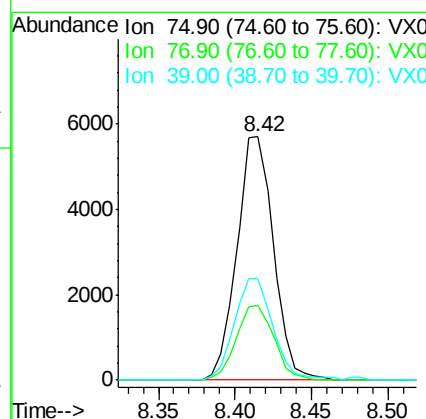
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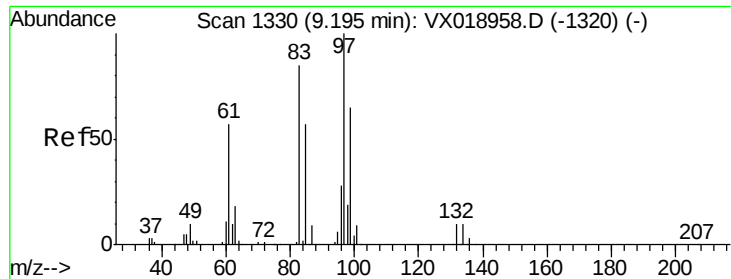
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#54
cis-1,3-Dichloropropene
Concen: 5.057 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	36.8
39	41.8	32.1	48.1





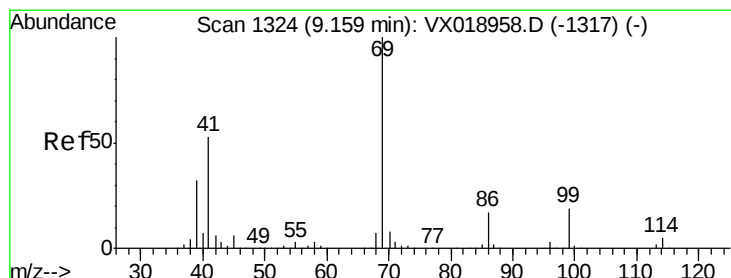
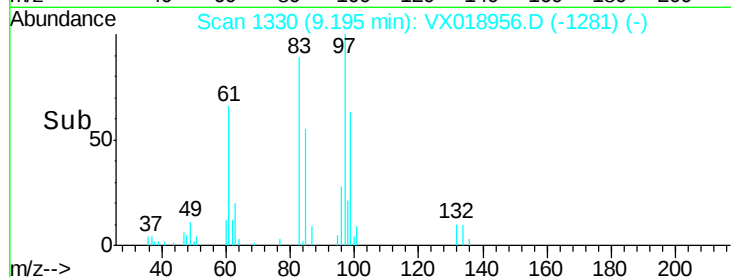
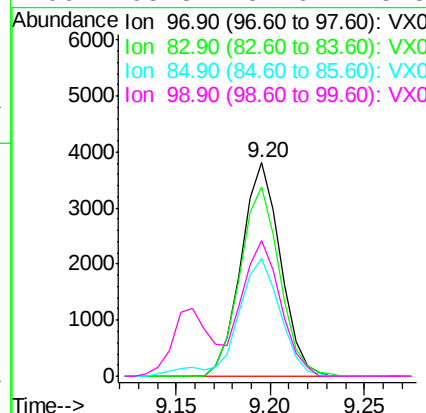
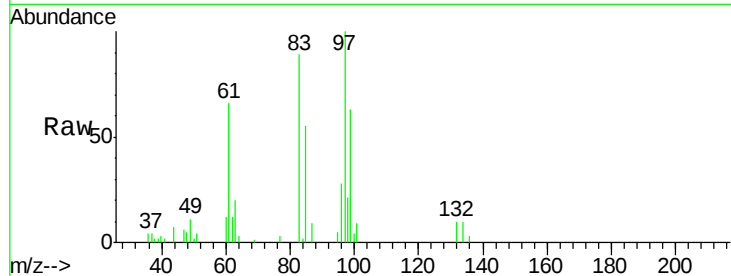
#55
 1,1,2-Trichloroethane
 Concen: 4.825 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	5510
Ion	Ratio	Lower	Upper
97	100		
83	88.8	67.8	101.8
85	55.0	45.7	68.5
99	63.3	52.6	78.8

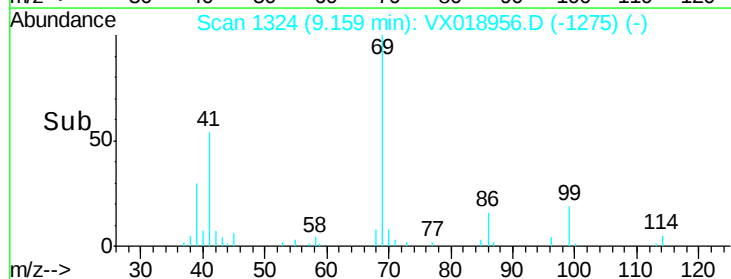
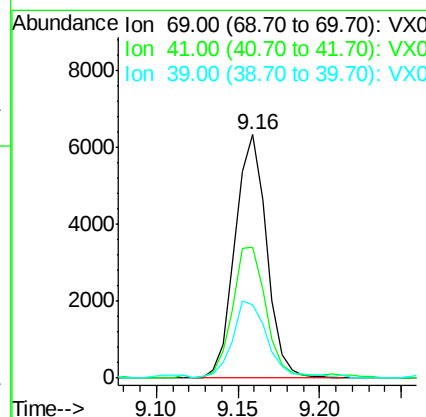
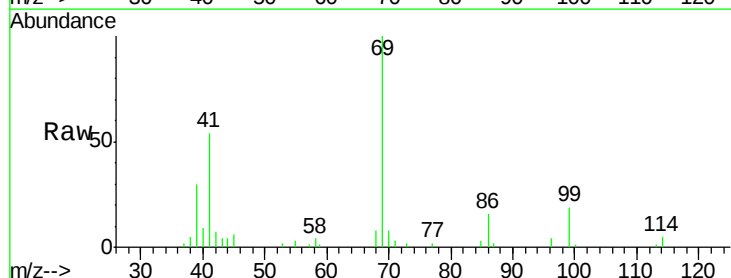
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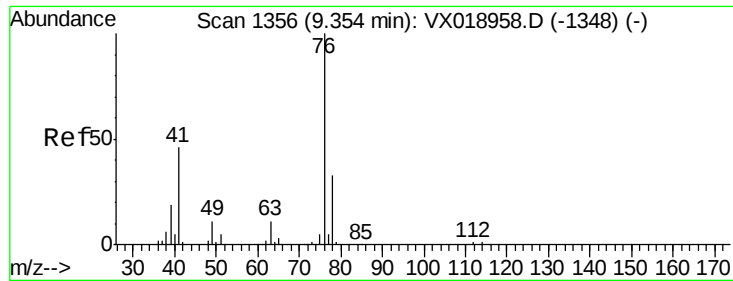
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 5.024 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Tgt Ion:	69	Resp:	8543
Ion	Ratio	Lower	Upper
69	100		
41	57.8	43.4	65.2
39	35.6	25.0	37.4





#57

1,3-Dichloropropane

Concen: 5.082 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 9560

Ion Ratio Lower Upper

76 100

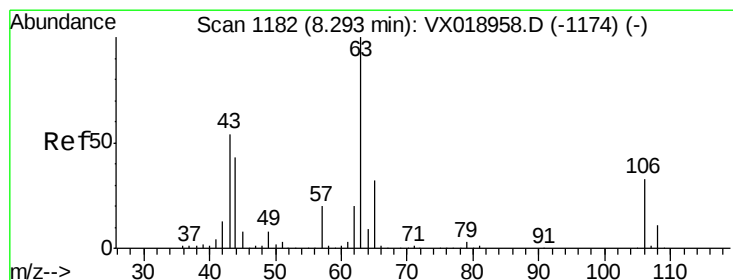
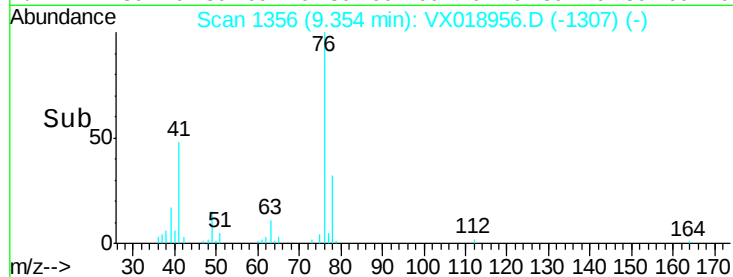
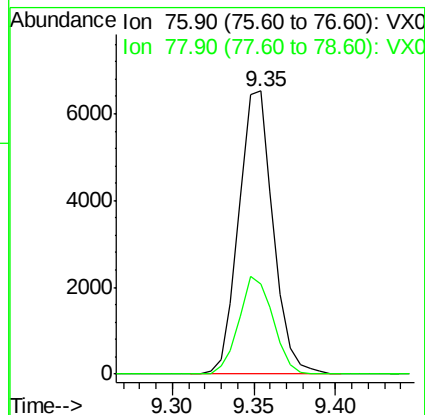
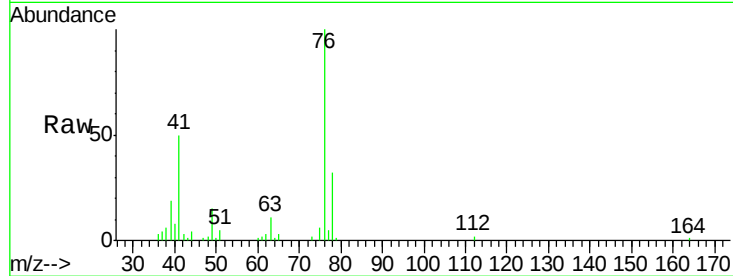
78 34.2 26.2 39.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 28.898 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018956.D

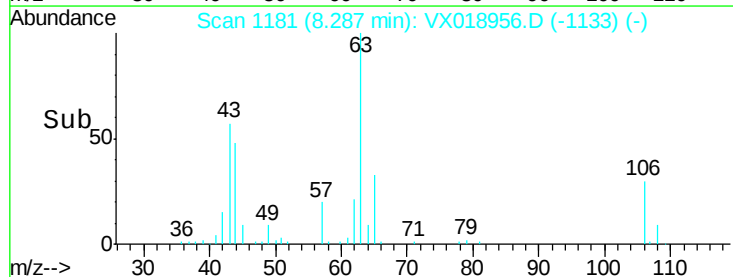
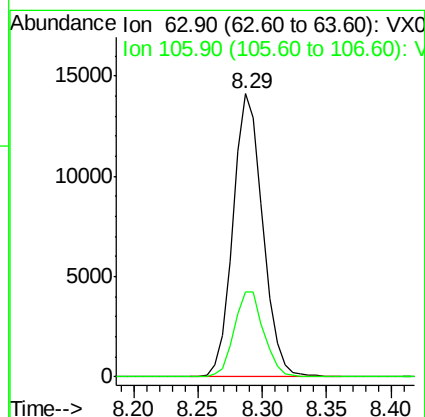
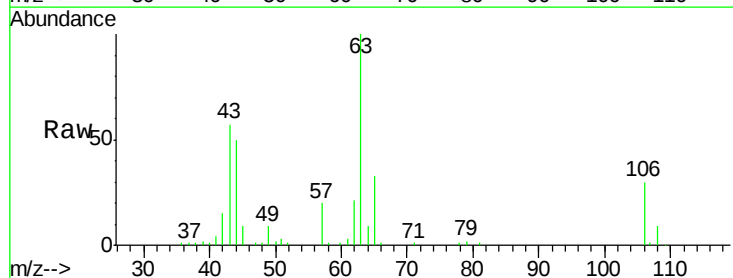
Acq: 19 Oct 2020 16:51

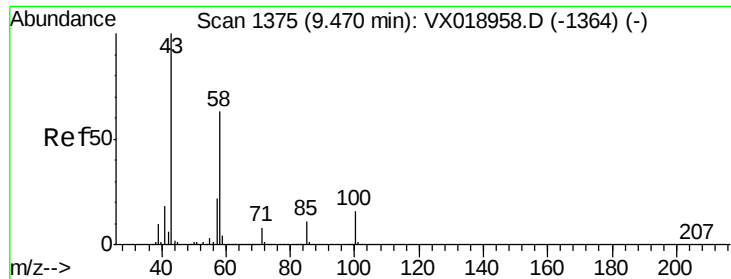
Tgt Ion: 63 Resp: 22753

Ion Ratio Lower Upper

63 100

106 29.7 24.8 37.2





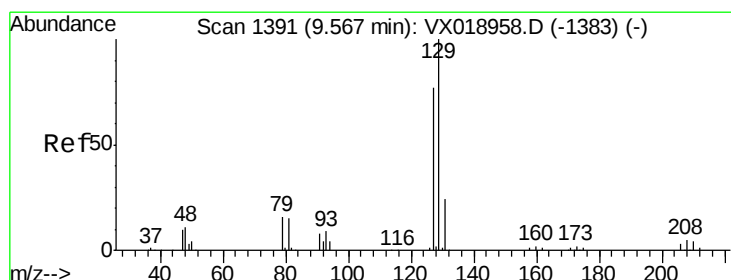
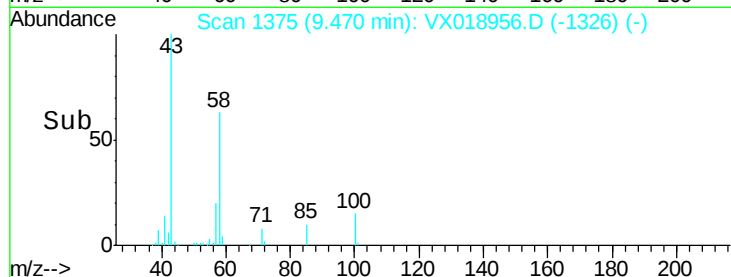
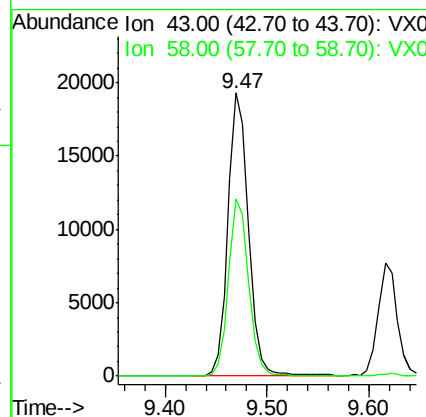
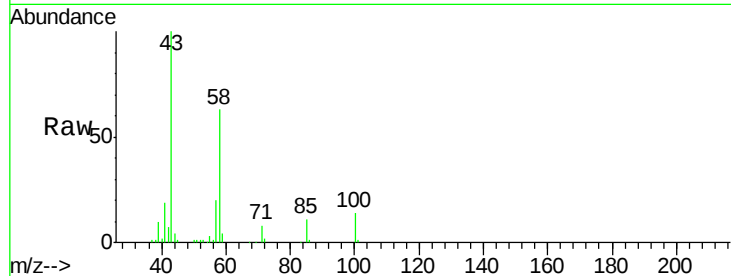
#59
2-Hexanone
Concen: 22.061 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 27060
Ion Ratio Lower Upper
43 100
58 61.2 31.7 95.1

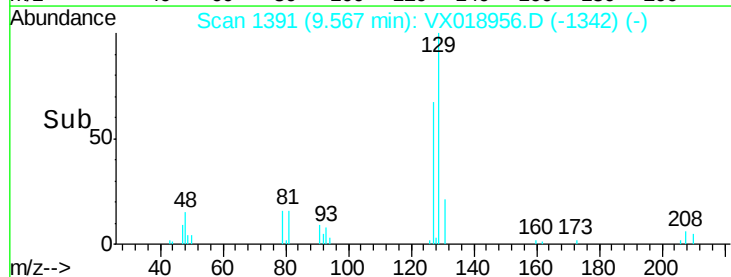
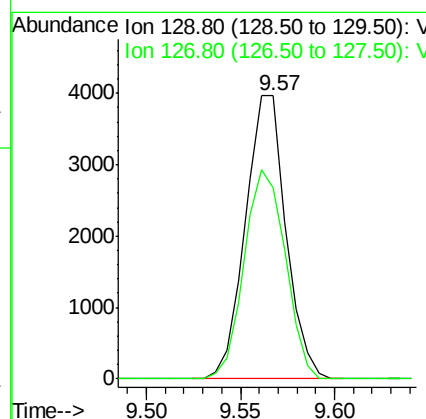
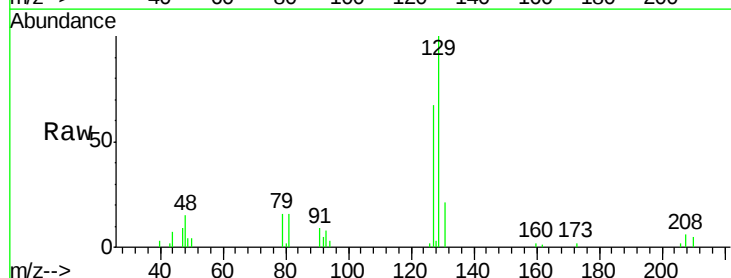
Manual Integrations
APPROVED

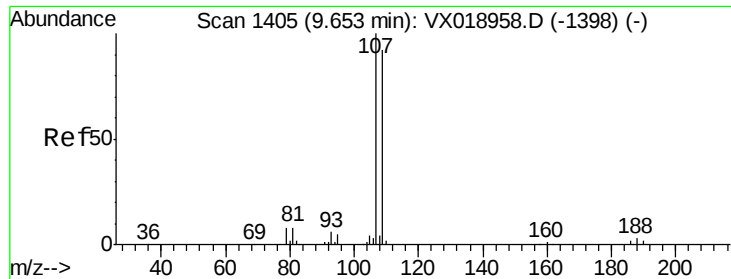
MMDadoda
10/20/2020 4:51:59 PM



#60
Dibromochloromethane
Concen: 4.448 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion: 129 Resp: 5918
Ion Ratio Lower Upper
129 100
127 74.8 38.8 116.4





#61

1,2-Dibromoethane

Concen: 4.812 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:107 Resp: 5966

Ion Ratio Lower Upper

107 100

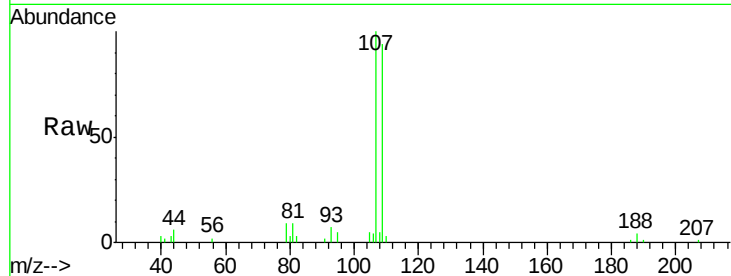
109 93.5 75.2 112.8

Manual Integrations

APPROVED

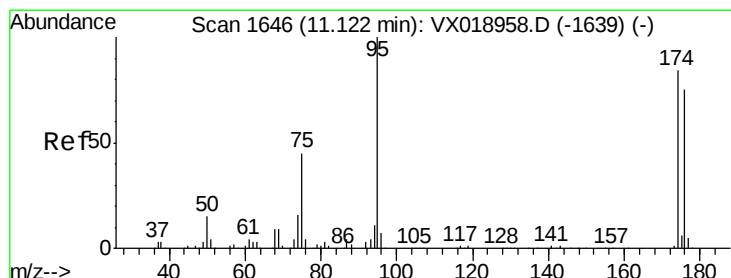
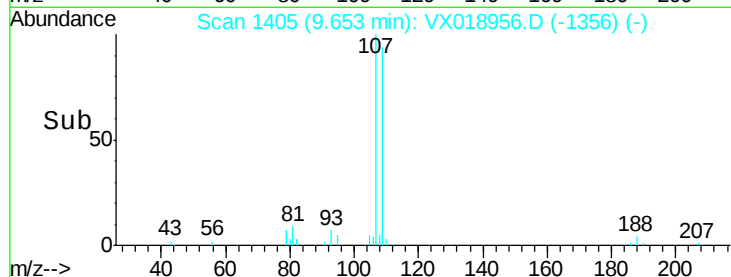
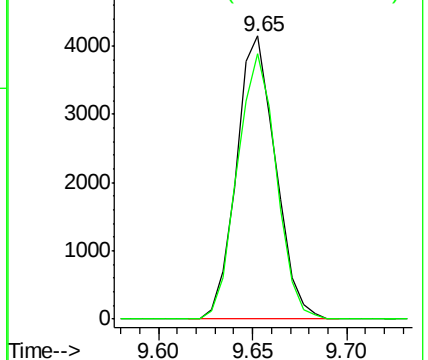
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.931 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

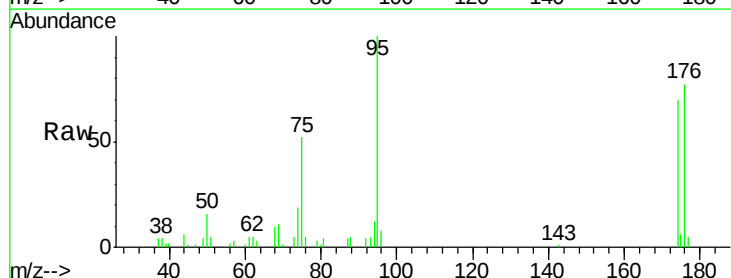
Tgt Ion: 95 Resp: 7451

Ion Ratio Lower Upper

95 100

174 69.7 0.0 164.6

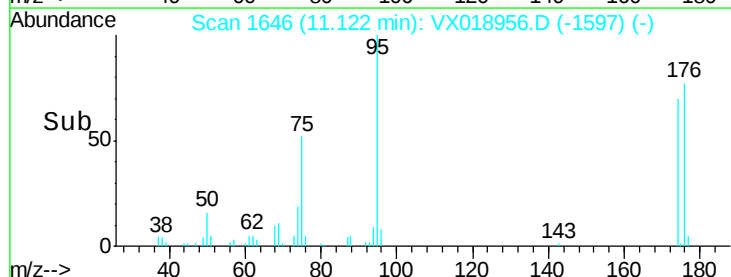
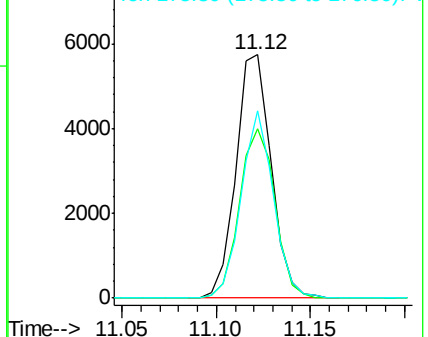
176 70.3 0.0 154.6

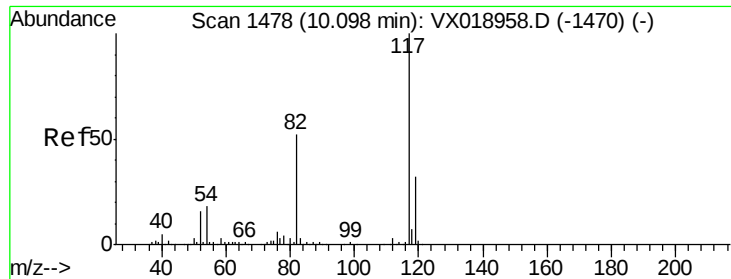


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





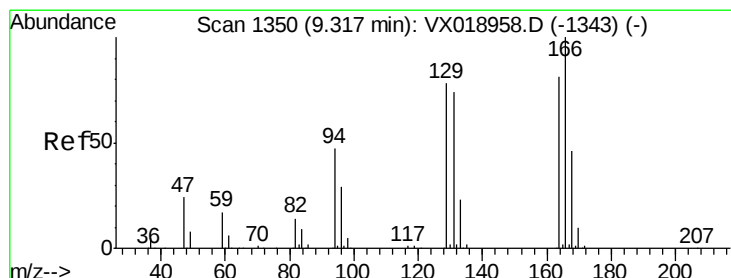
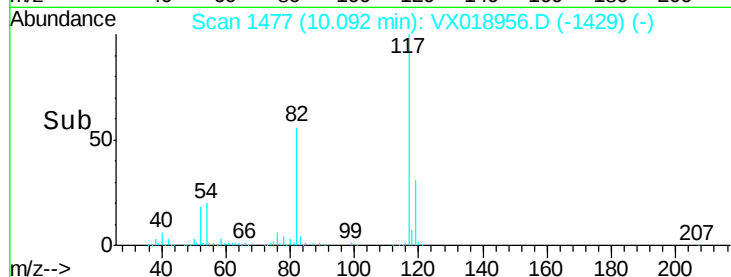
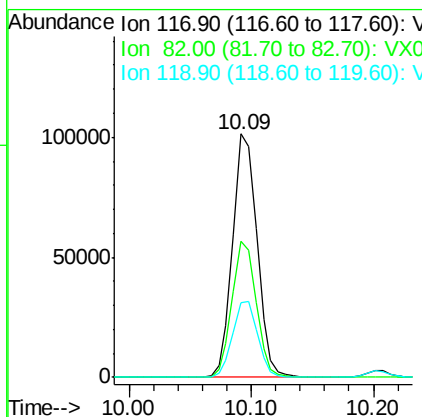
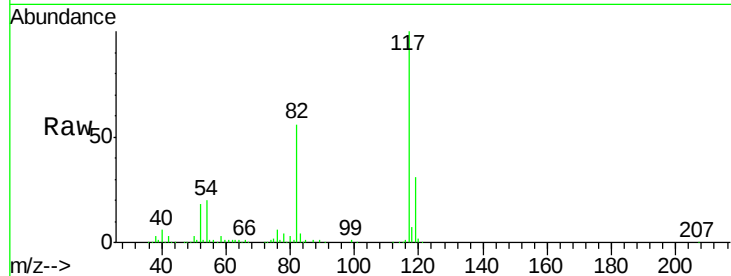
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	139975		
82	55.7		41.6	62.4
119	30.8		25.4	38.2

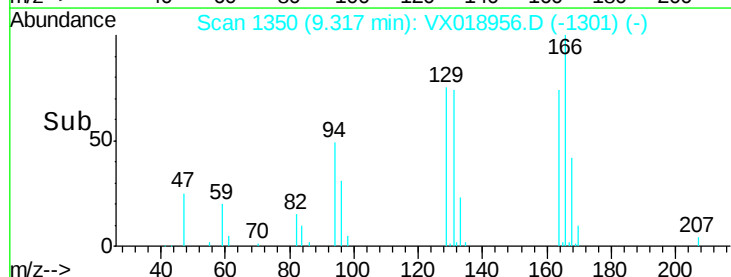
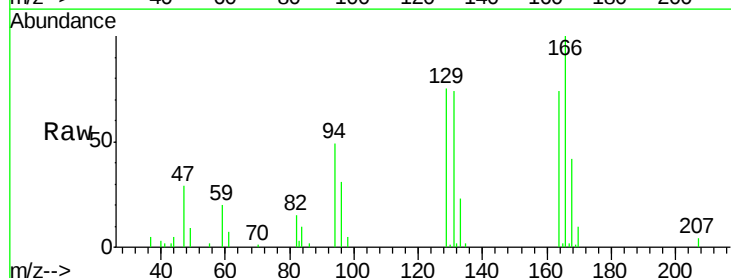
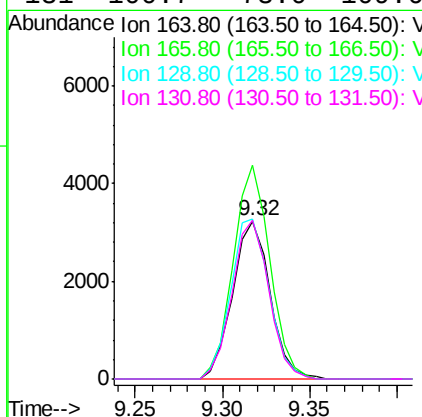
Manual Integrations
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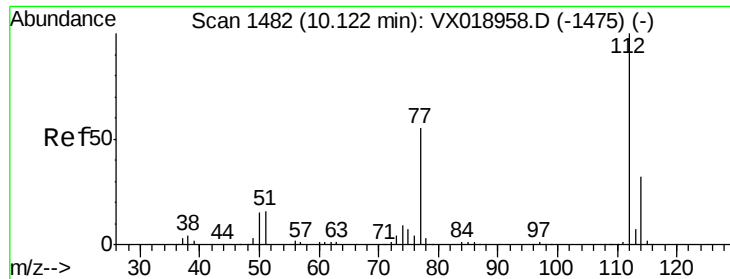
MMDadoda
10/20/2020 4:51:59 PM



#64
Tetrachloroethene
Concen: 4.763 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	4850		
166	135.5		98.9	148.3
129	101.2		77.0	115.4
131	100.7		73.0	109.6





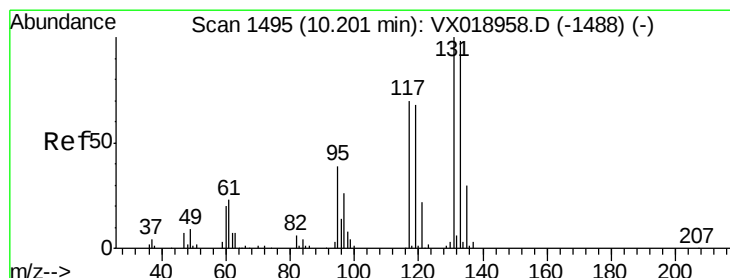
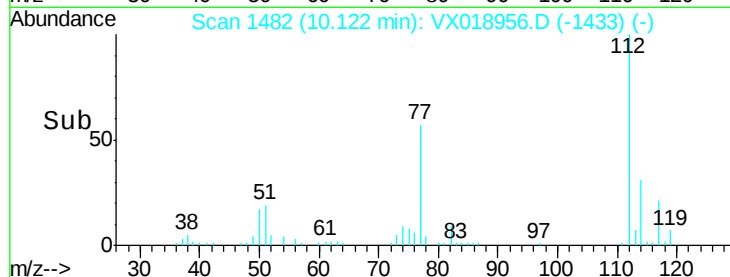
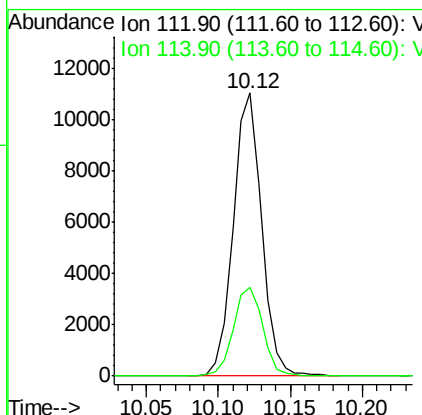
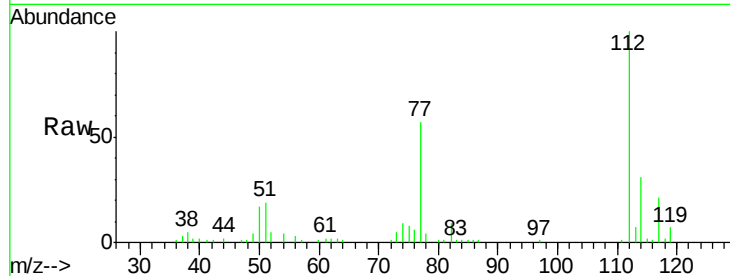
#65
Chlorobenzene
Concen: 5.400 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 15163
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4

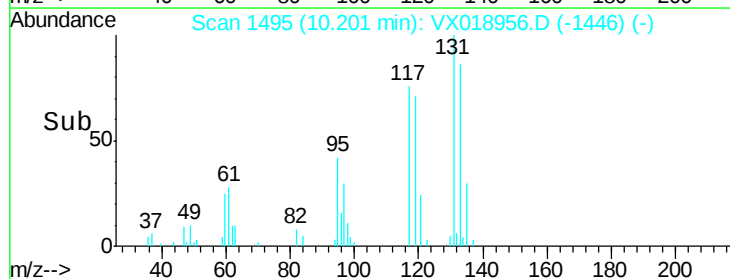
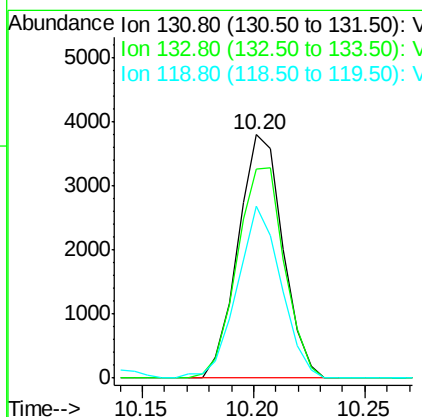
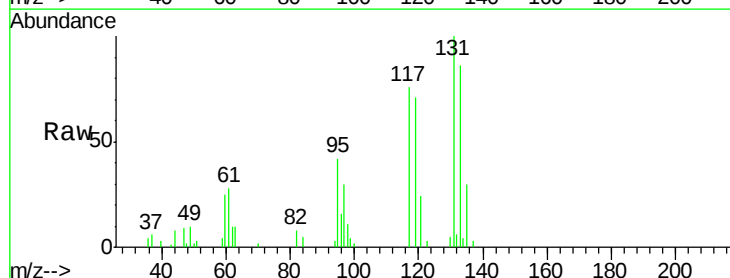
Manual Integrations
APPROVED

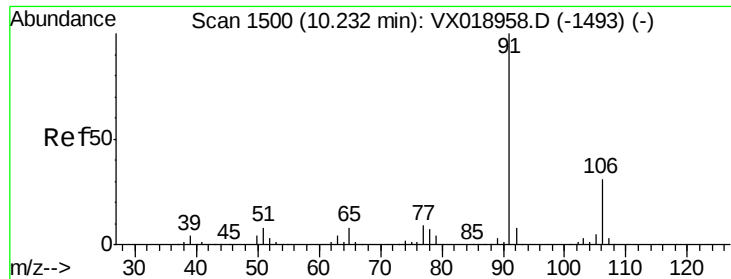
MMDadoda
10/20/2020 4:51:59 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 4.863 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion:131 Resp: 5323
Ion Ratio Lower Upper
131 100
133 91.4 47.4 142.2
119 69.1 33.5 100.4





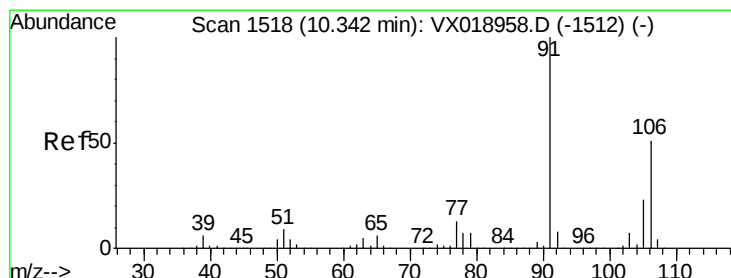
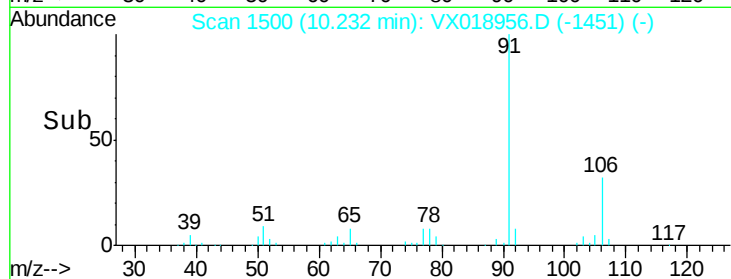
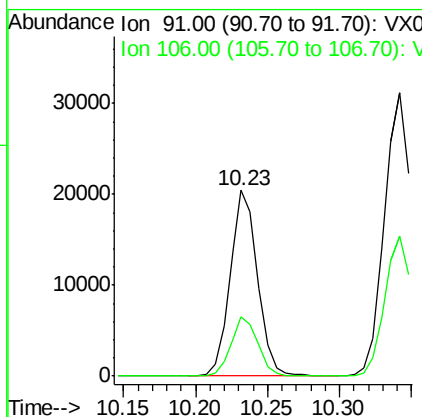
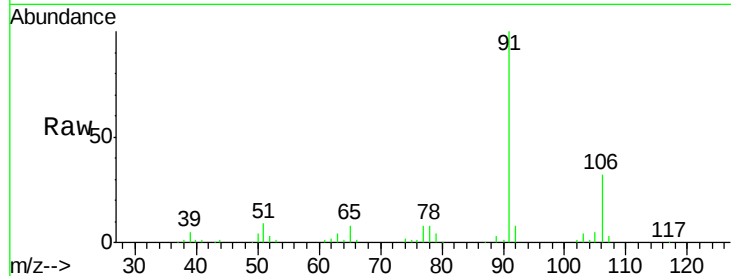
#67
Ethyl Benzene
Concen: 5.675 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 27131
Ion Ratio Lower Upper
91 100
106 31.9 24.7 37.1

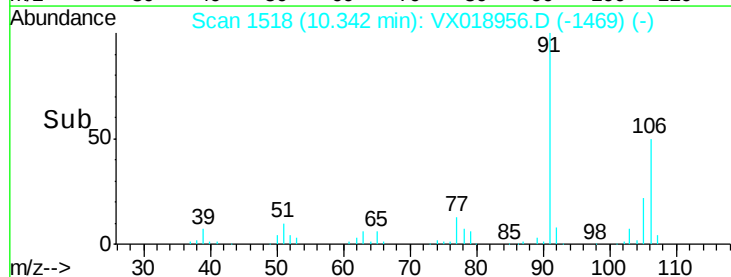
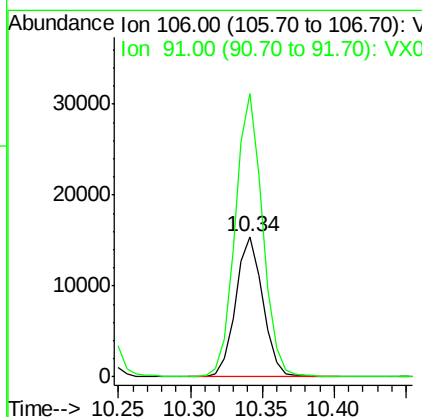
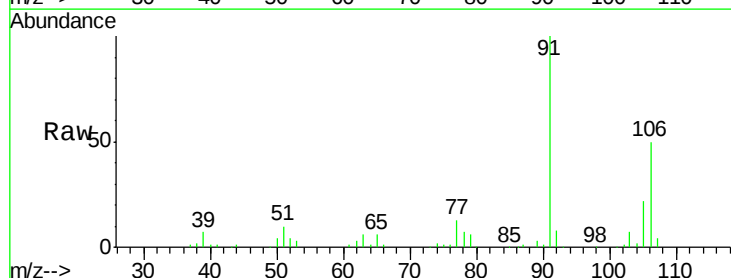
Manual Integrations
APPROVED

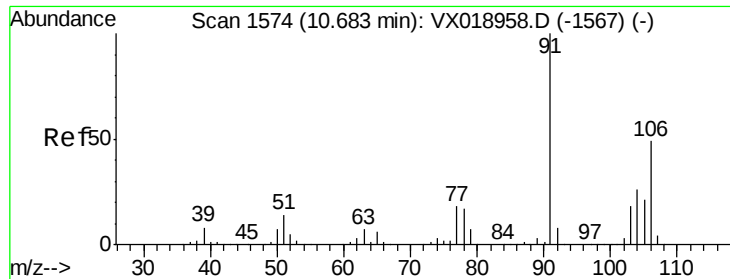
MMDadoda
10/20/2020 4:51:59 PM



#68
m/p-Xylenes
Concen: 11.415 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion: 106 Resp: 20461
Ion Ratio Lower Upper
106 100
91 202.4 156.7 235.1





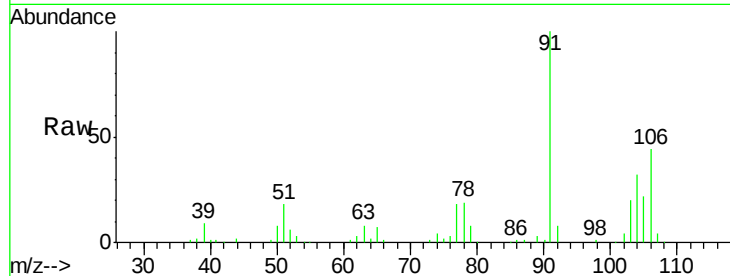
#69
o-Xylene
Concen: 5.414 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

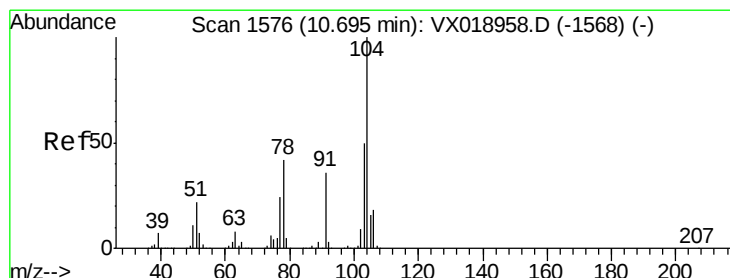
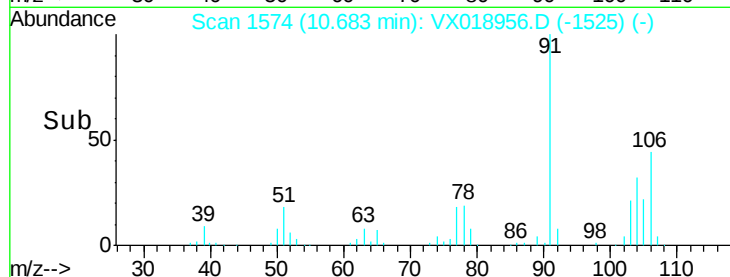
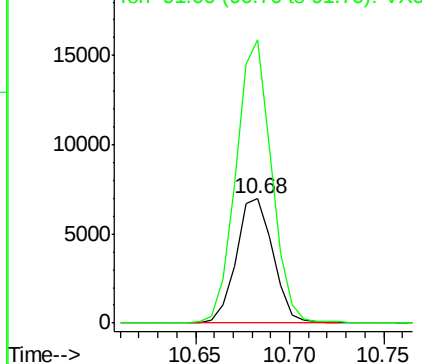
Tot Ion:106 Resp: 9445
Ion Ratio Lower Upper
106 100
91 219.3 102.4 307.1

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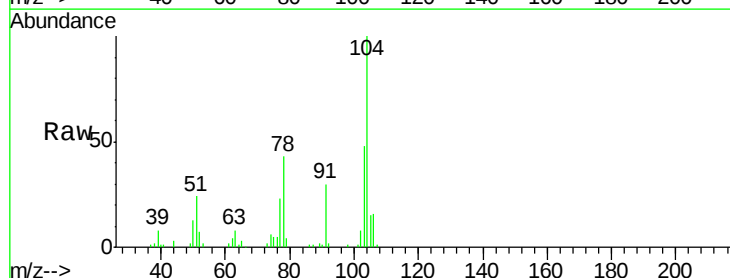


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

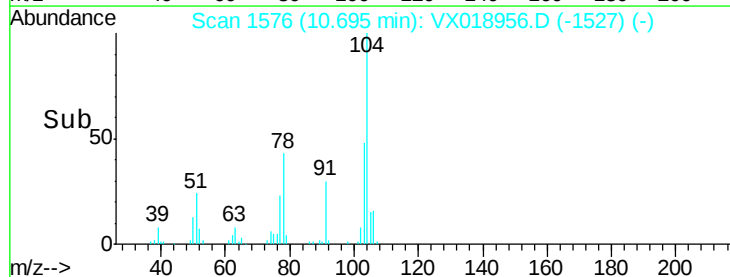
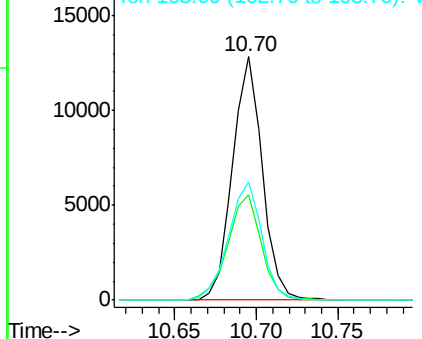


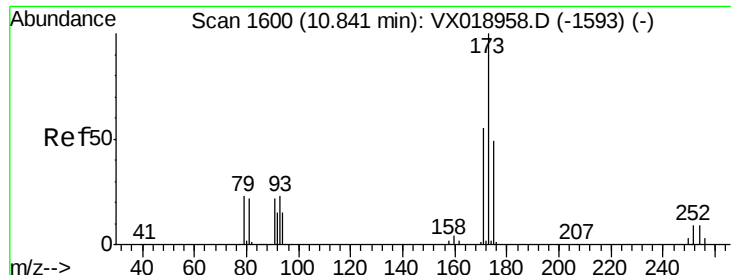
#70
Styrene
Concen: 5.530 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion:104 Resp: 16326
Ion Ratio Lower Upper
104 100
78 48.6 37.9 56.9
103 54.4 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.330 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:173 Resp: 4024

Ion Ratio Lower Upper

173 100

175 48.8 23.7 71.1

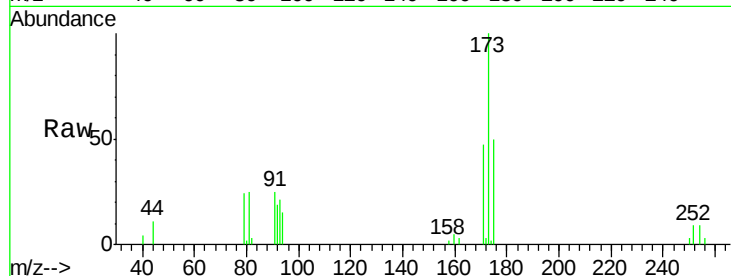
254 0.0 0.0 0.0

Manual Integrations

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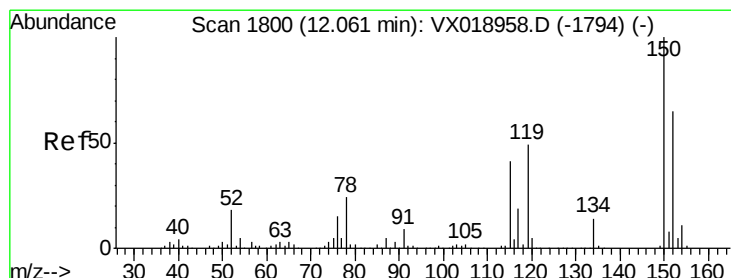
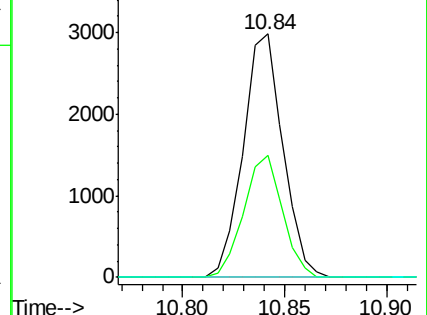
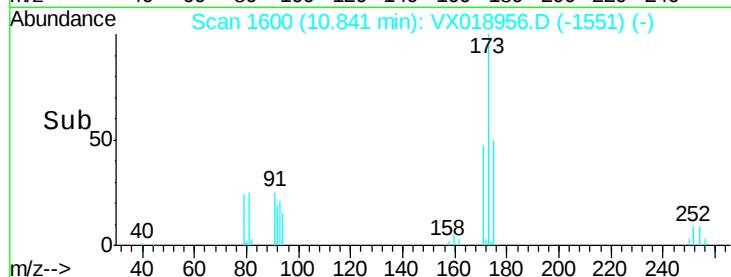
10/20/2020 4:51:59 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

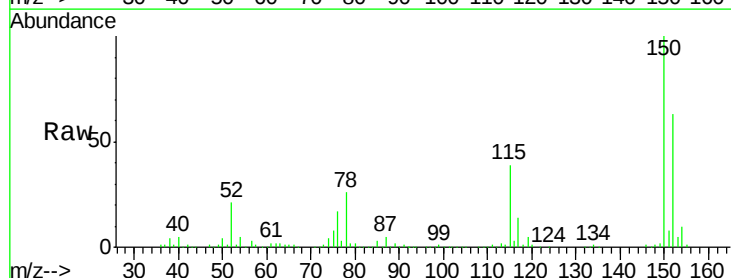
Tgt Ion:152 Resp: 64487

Ion Ratio Lower Upper

152 100

115 65.6 40.8 122.2

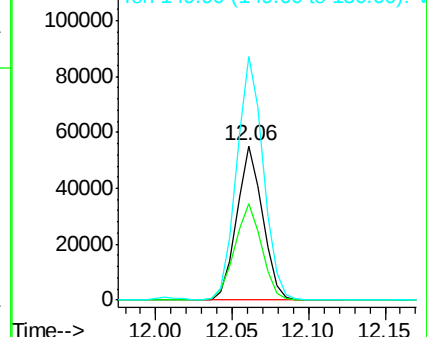
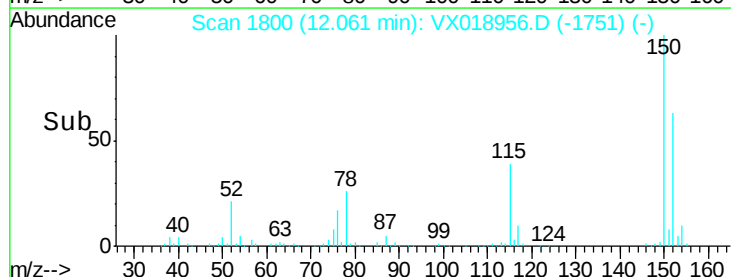
150 162.9 0.0 352.0

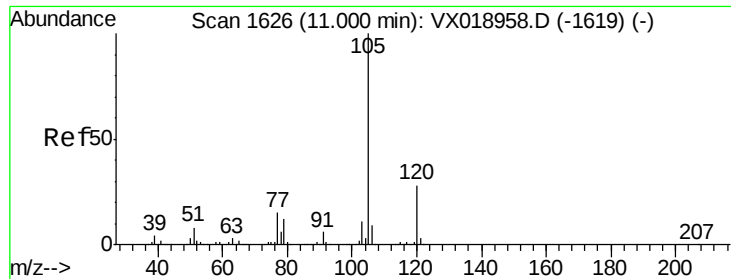


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 6.093 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 25932

Ion Ratio Lower Upper

105 100

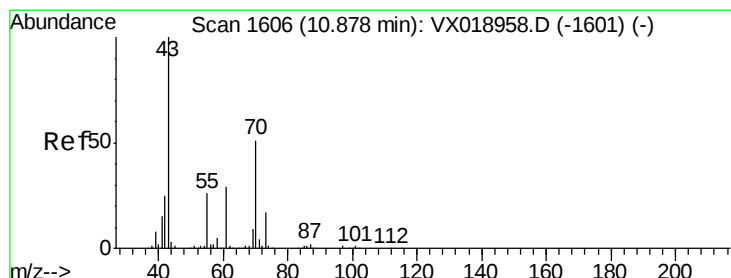
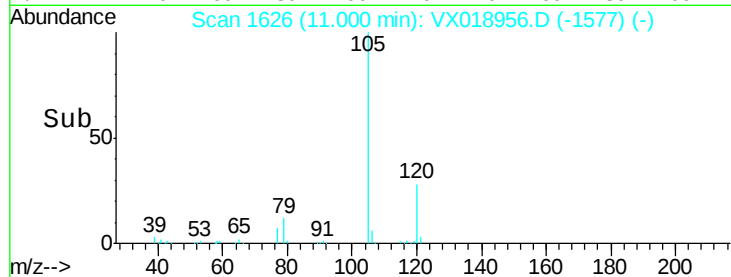
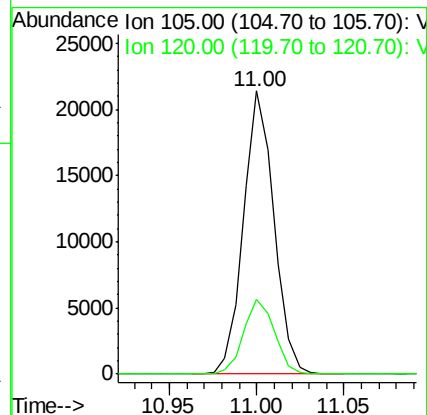
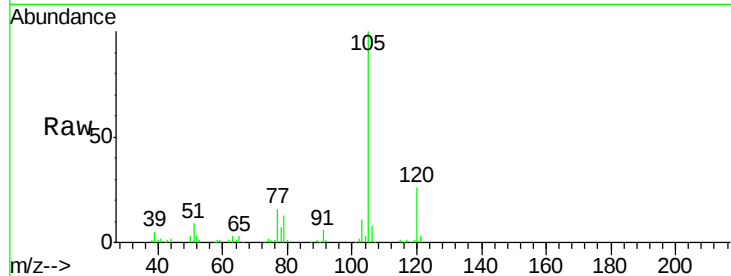
120 26.8 13.9 41.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 5.205 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Tgt Ion: 43 Resp: 9992

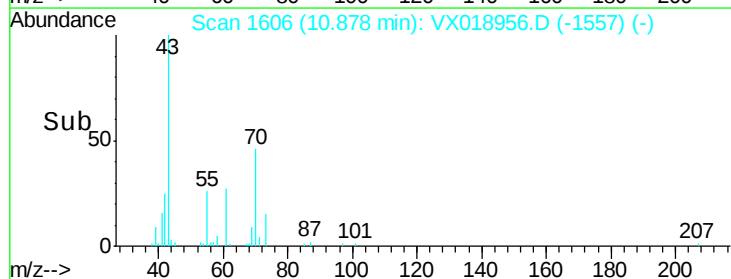
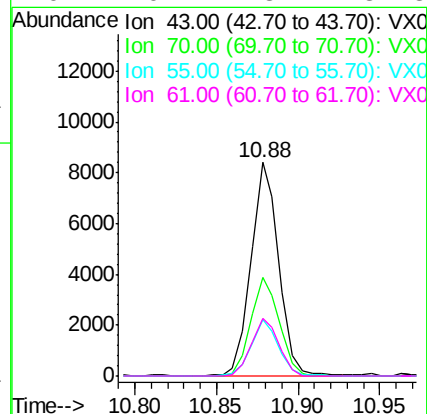
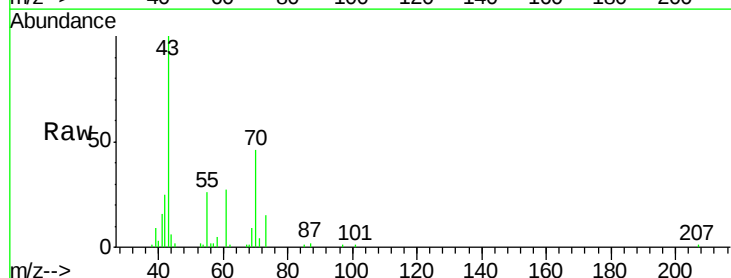
Ion Ratio Lower Upper

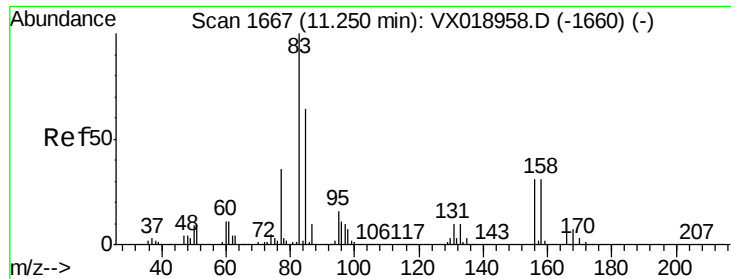
43 100

70 47.1 42.4 63.6

55 26.4 21.0 31.6

61 26.7 23.2 34.8





#75

1,1,2,2-Tetrachloroethane

Concen: 5.722 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

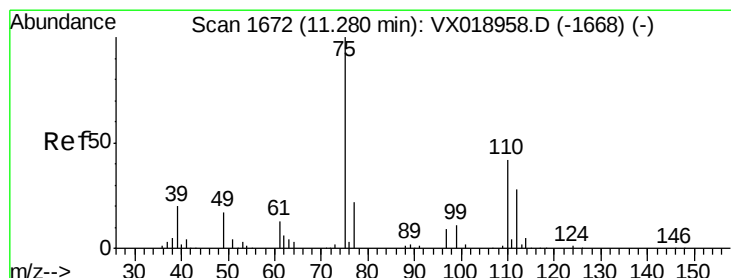
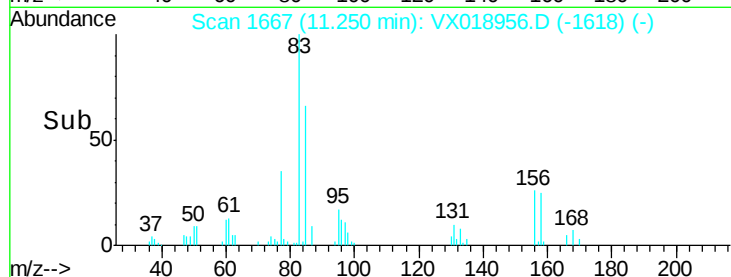
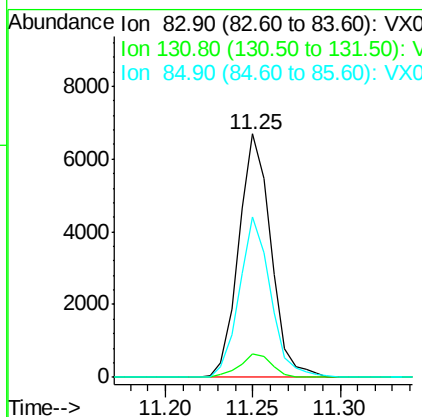
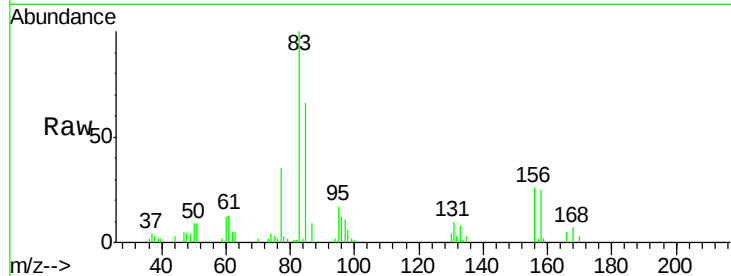
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	8570
Ion	Ratio	Lower	Upper
83	100		
131	9.4	5.3	15.9
85	64.1	32.2	96.6

Manual Integrations
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10/20/2020 4:51:59 PM



#76

1,2,3-Trichloropropane

Concen: 5.767 ug/l m

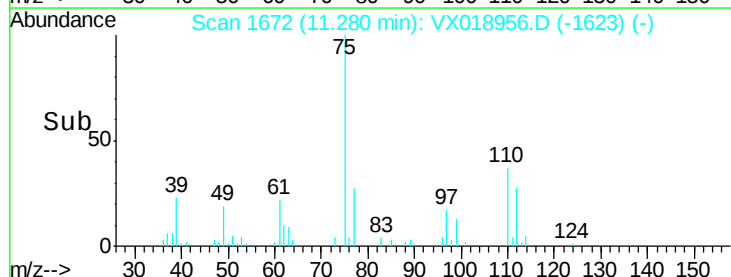
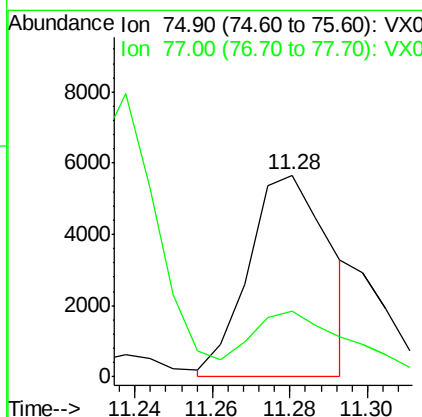
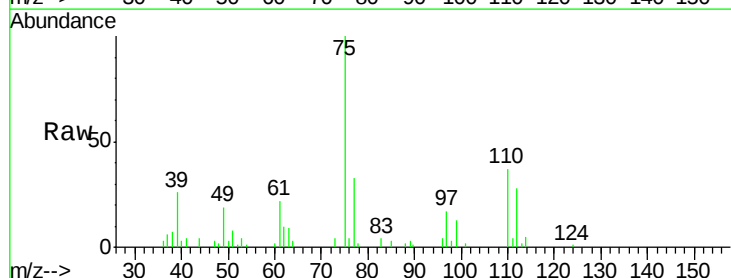
RT: 11.28 min Scan# 1672

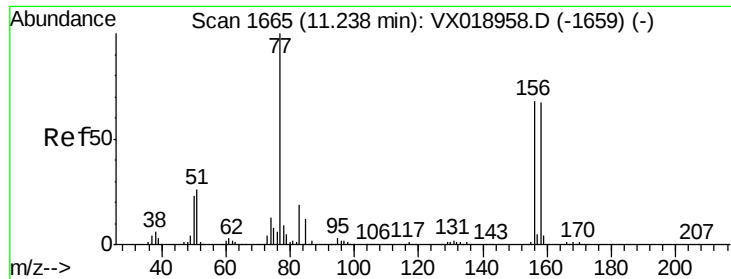
Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Tgt Ion:	75	Resp:	8175
Ion	Ratio	Lower	Upper
75	100		
77	40.8	21.1	63.1





#77

Bromobenzene

Concen: 5.014 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

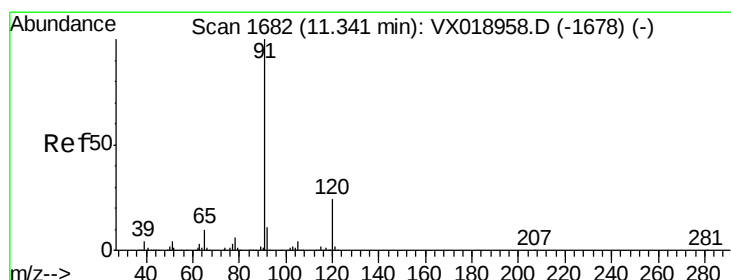
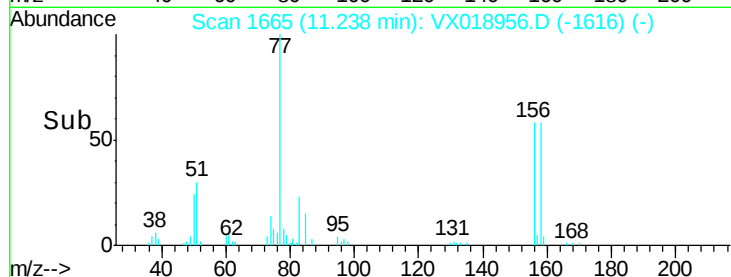
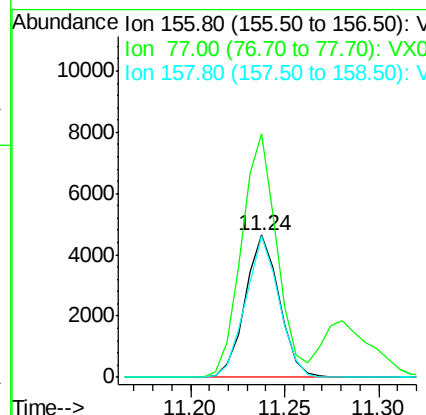
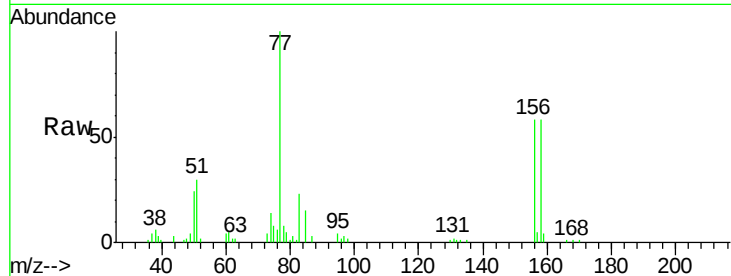
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	177.7	77.4	232.2
158	97.1	50.6	151.9

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#78

n-propylbenzene

Concen: 6.134 ug/l

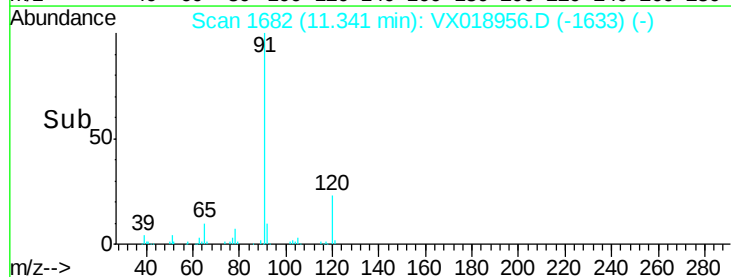
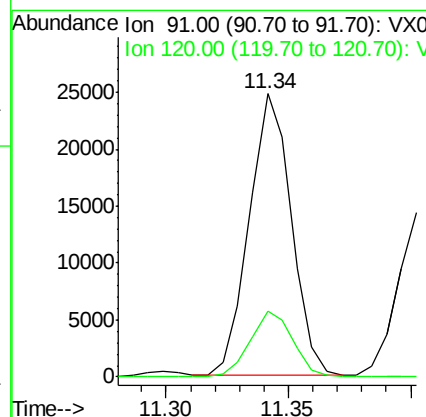
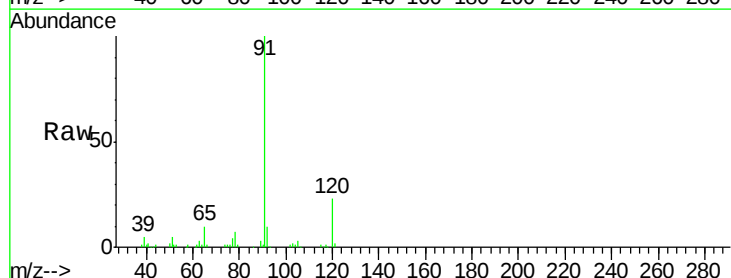
RT: 11.34 min Scan# 1682

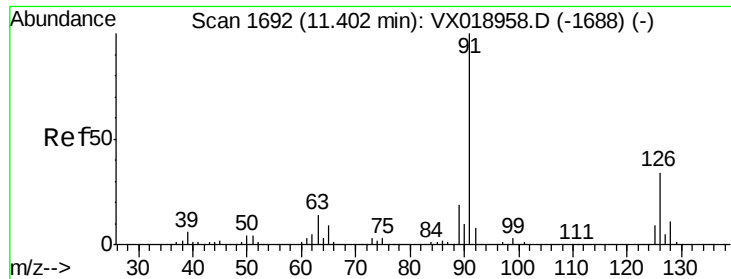
Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.2	36.4





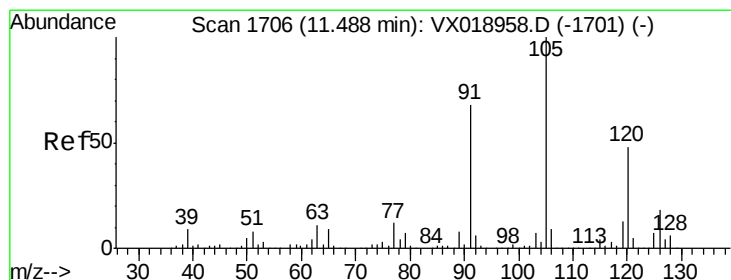
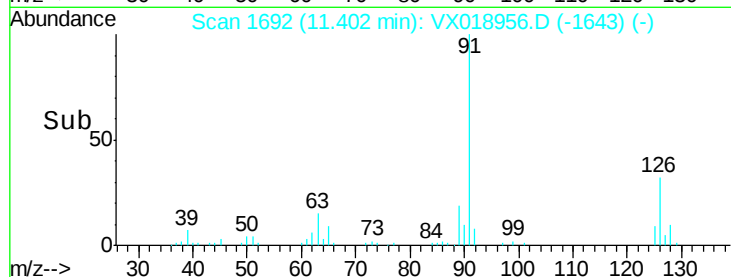
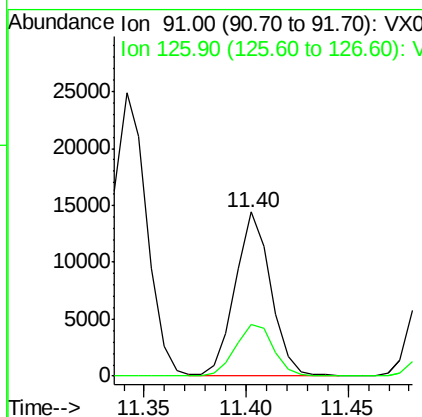
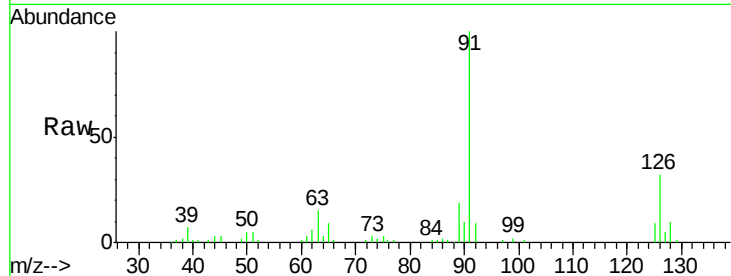
#79
 2-Chlorotoluene
 Concen: 5.845 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 91 Resp: 17333
 Ion Ratio Lower Upper
 91 100
 126 33.6 17.6 52.9

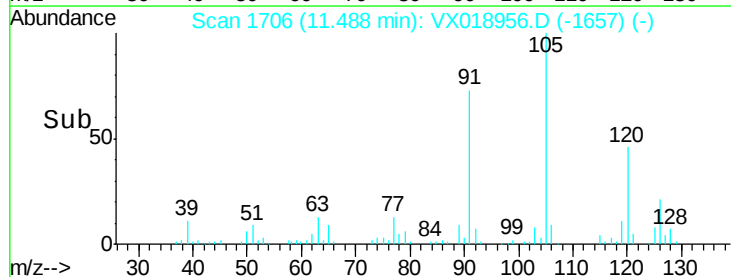
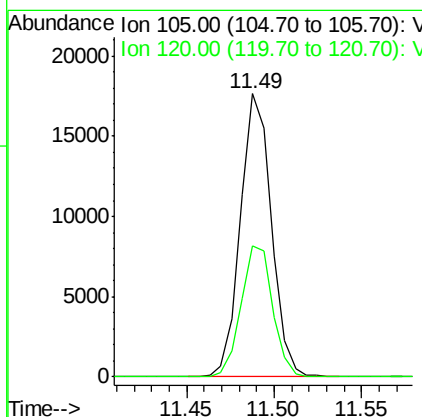
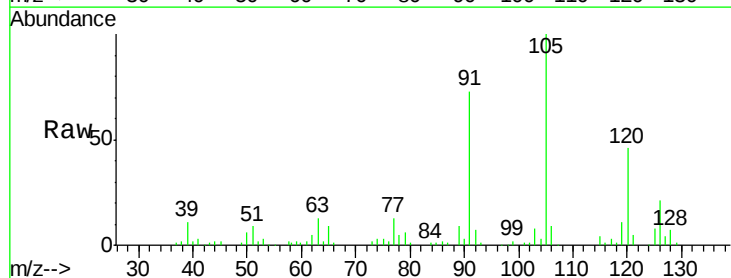
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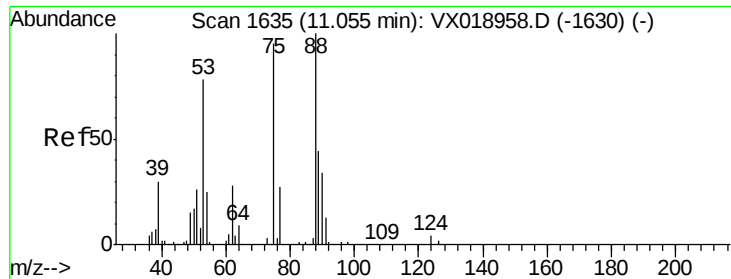
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#80
 1,3,5-Trimethylbenzene
 Concen: 6.190 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Tgt Ion: 105 Resp: 21732
 Ion Ratio Lower Upper
 105 100
 120 47.2 25.1 75.3





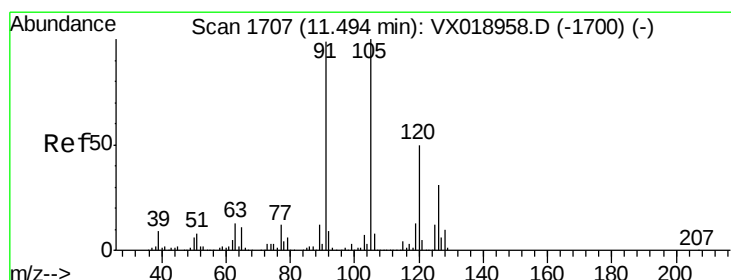
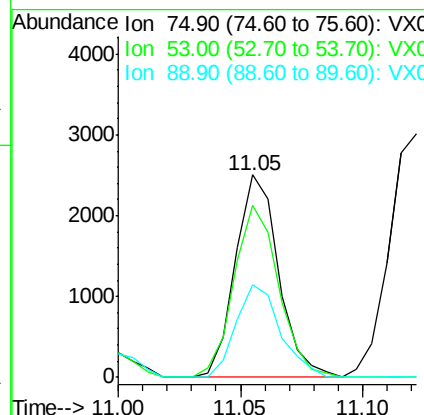
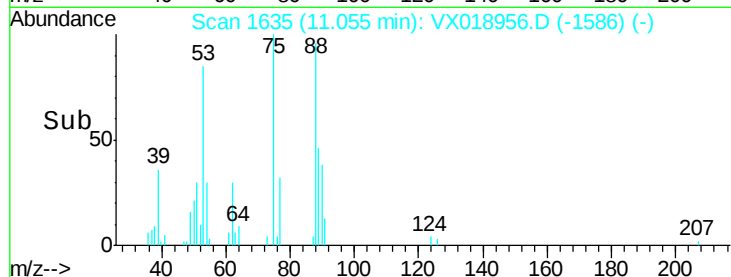
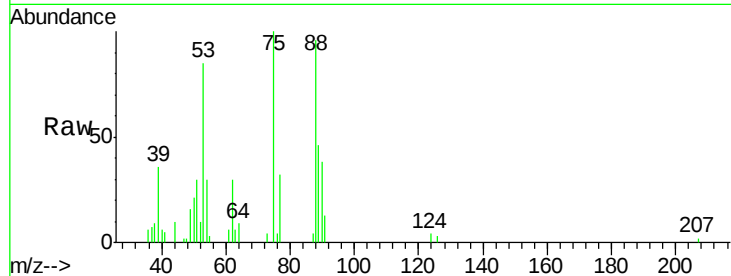
#81
trans-1,4-Dichloro-2-butene
Concen: 5.797 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.2	64.2	96.2
89	46.9	38.6	58.0

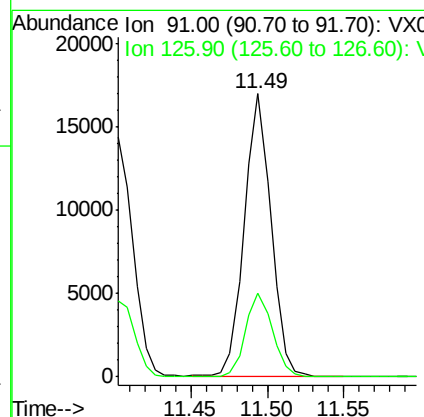
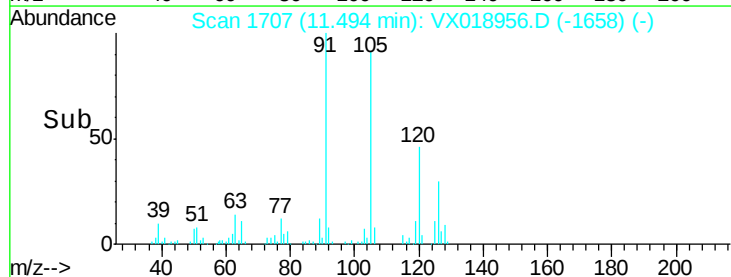
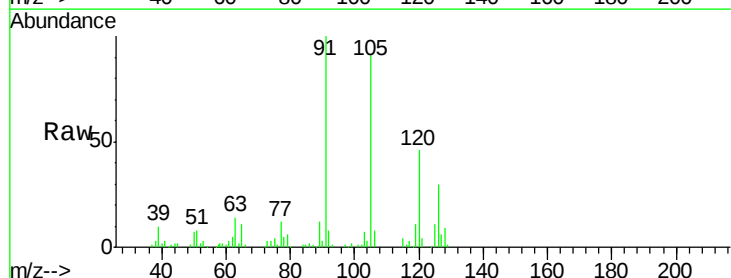
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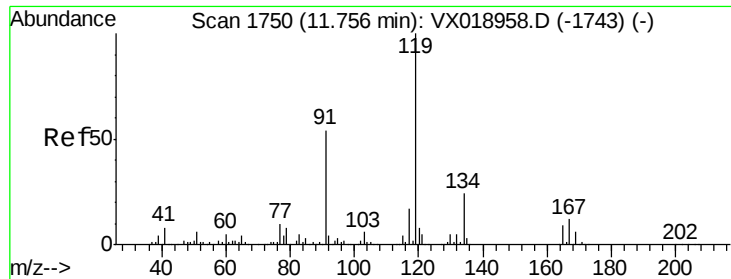
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#82
4-Chlorotoluene
Concen: 5.865 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	15.8	47.4





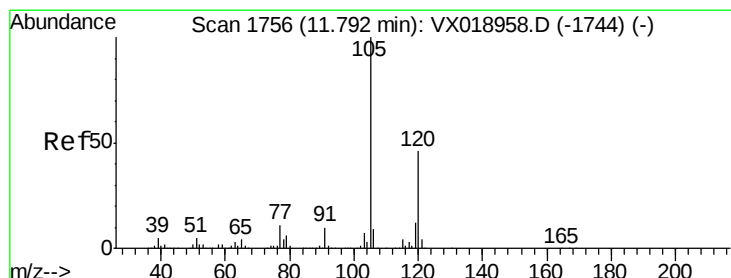
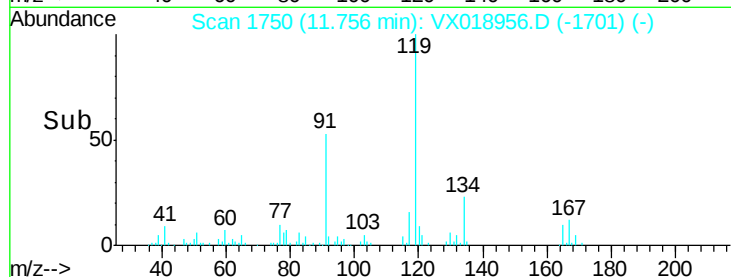
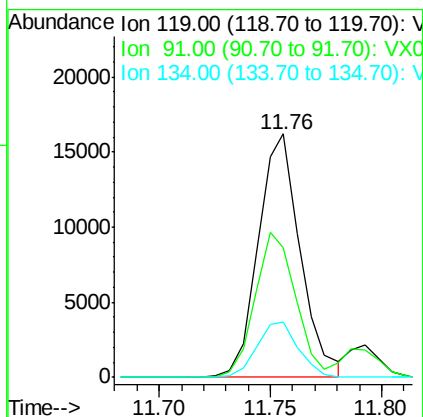
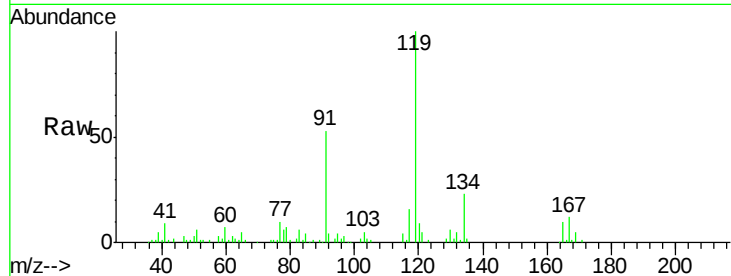
#83
 tert-Butylbenzene
 Concen: 6.087 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.6	27.2	81.6
134	22.6	11.8	35.4

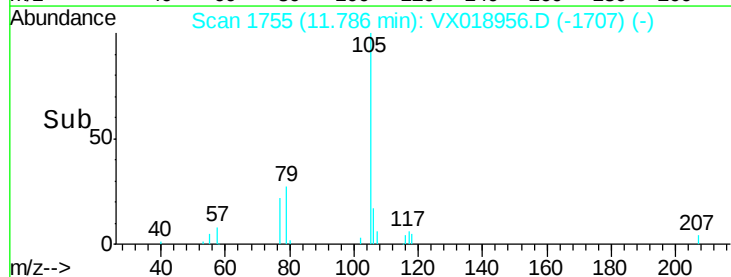
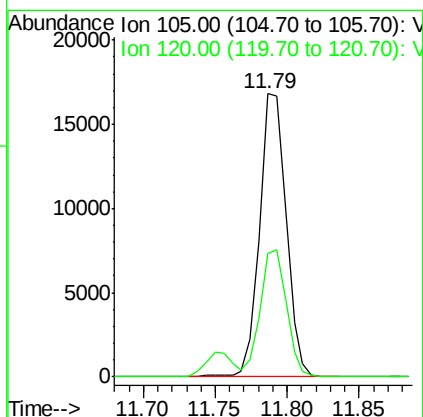
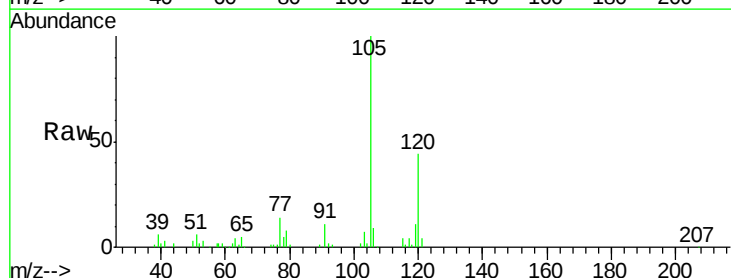
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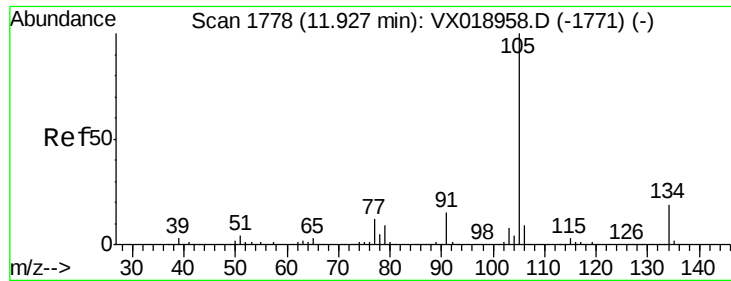
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.967 ug/l
 RT: 11.79 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.9	68.5





#85

sec-Butylbenzene

Concen: 6.472 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 25726

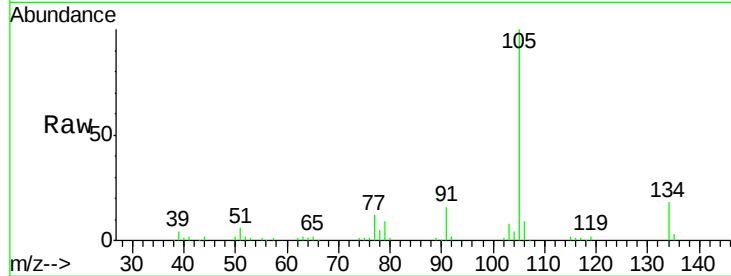
Ion Ratio Lower Upper

105 100

134 18.7 10.3 30.8

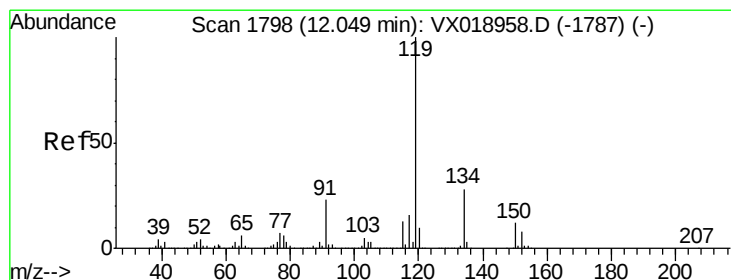
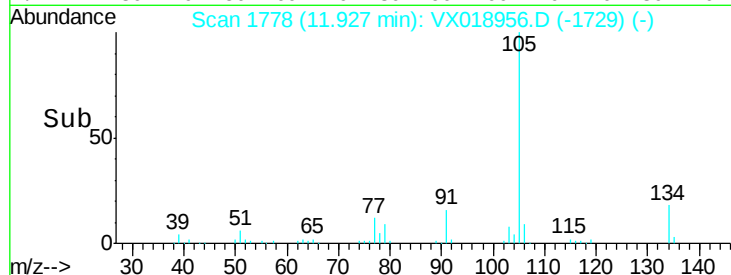
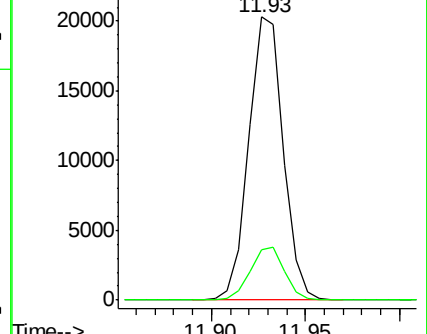
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 6.171 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018956.D

Acq: 19 Oct 2020 16:51

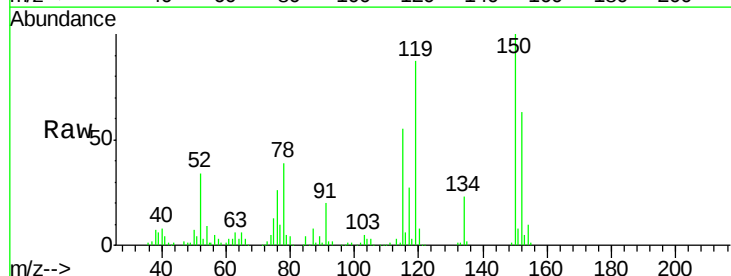
Tgt Ion:119 Resp: 22430

Ion Ratio Lower Upper

119 100

134 26.3 13.8 41.4

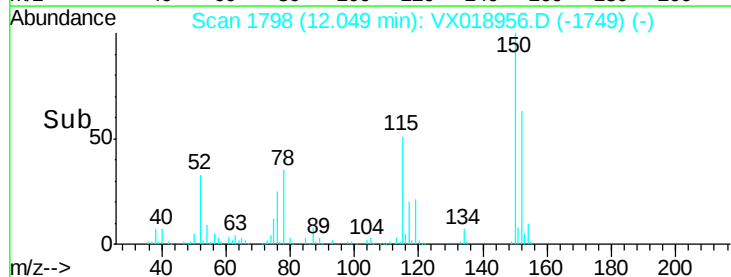
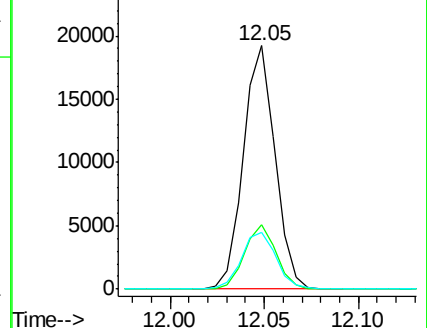
91 25.3 11.5 34.5

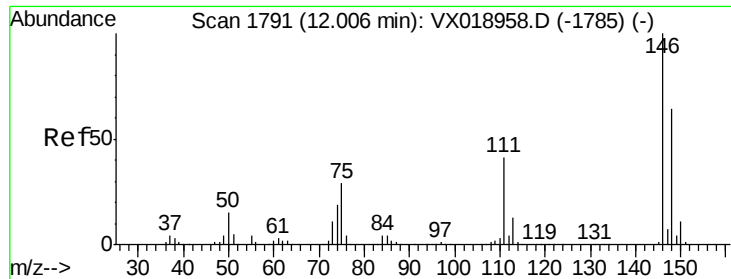


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





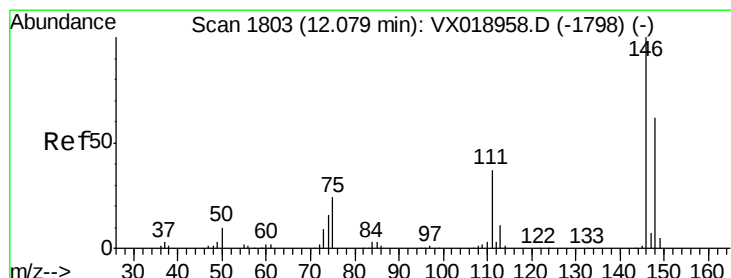
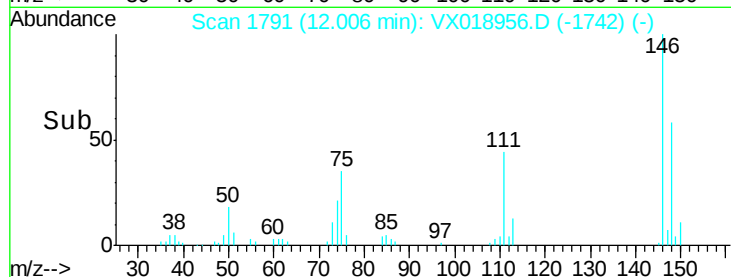
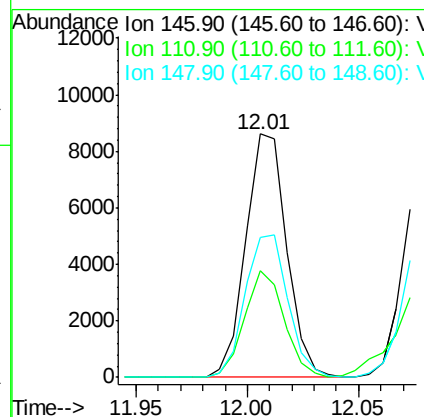
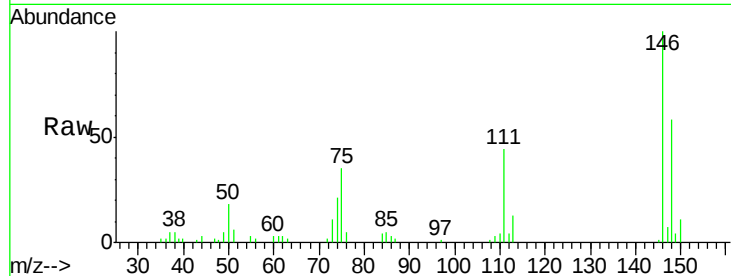
#87
 1,3-Dichlorobenzene
 Concen: 5.374 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	19.8	59.4
148	60.9	32.4	97.2

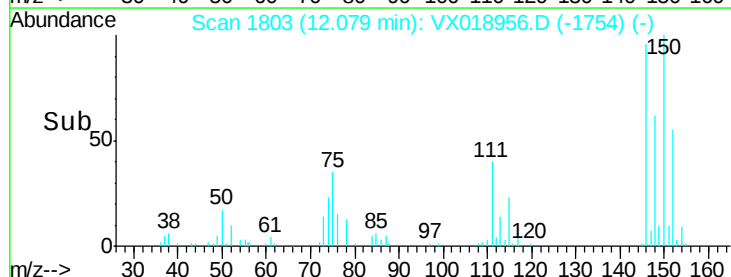
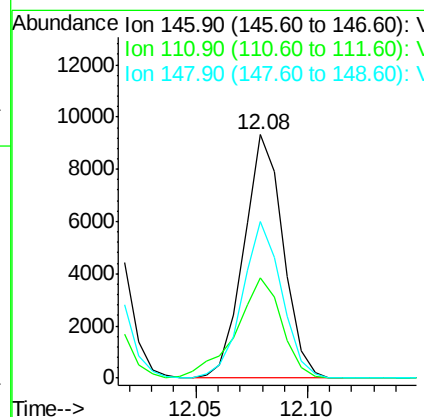
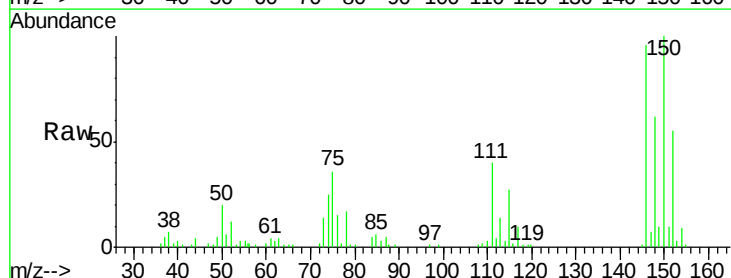
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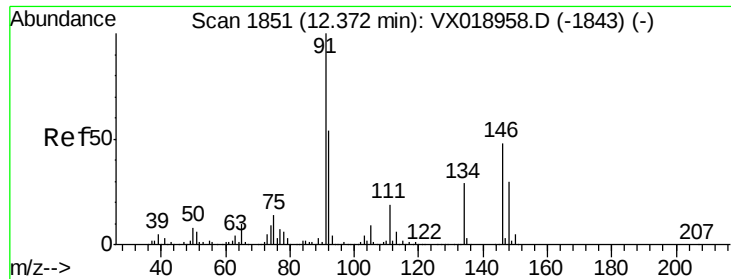
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#88
 1,4-Dichlorobenzene
 Concen: 5.496 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.8	18.8	56.3
148	64.4	31.7	95.1





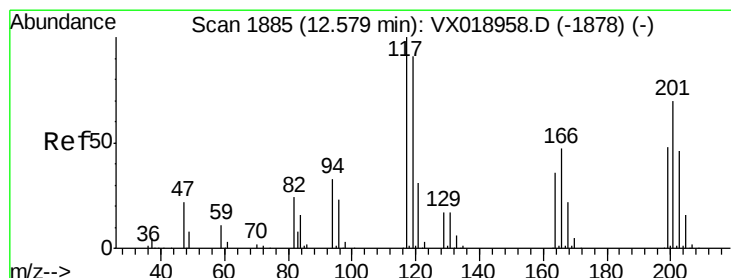
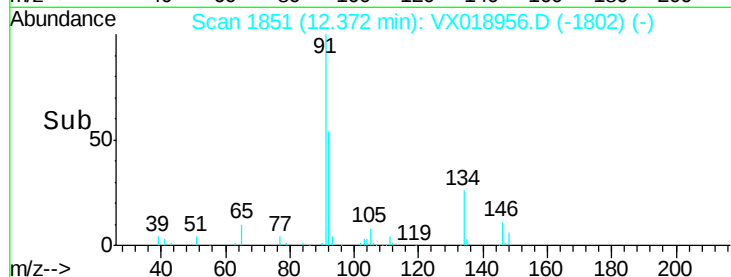
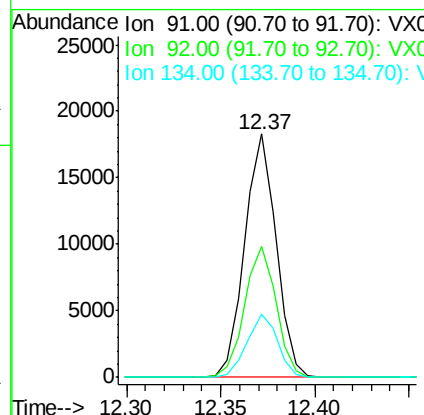
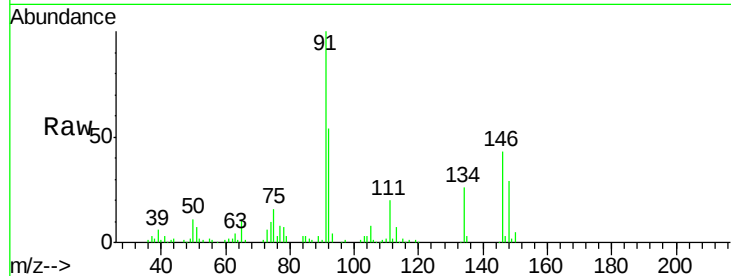
#89
n-Butylbenzene
Concen: 6.361 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.2	81.5
134	25.6	14.2	42.6

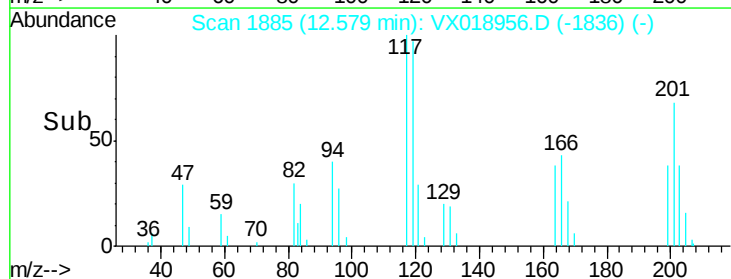
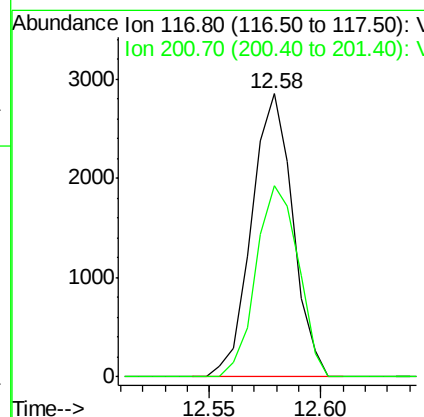
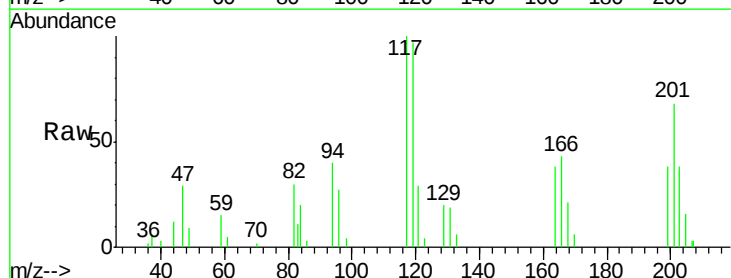
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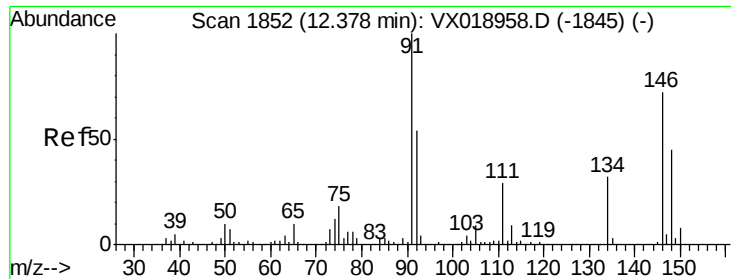
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#90
Hexachloroethane
Concen: 5.296 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.1	36.9	110.7





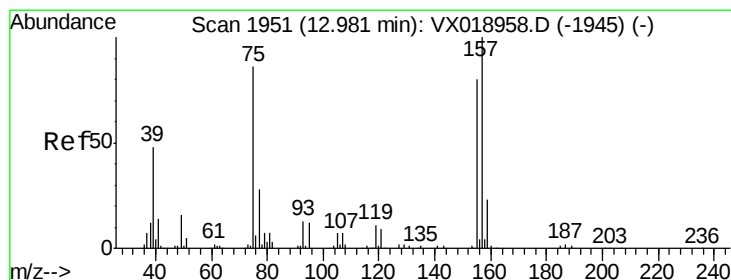
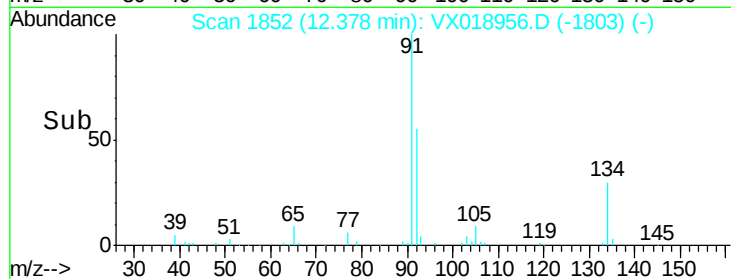
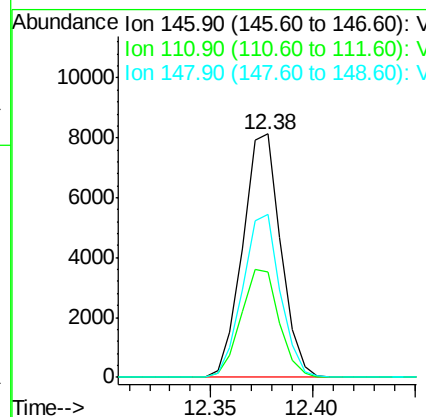
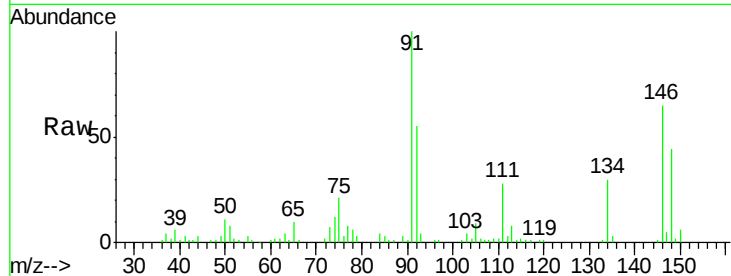
#91
 1,2-Dichlorobenzene
 Concen: 5.397 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	20.2	60.6
148	66.0	31.4	94.0

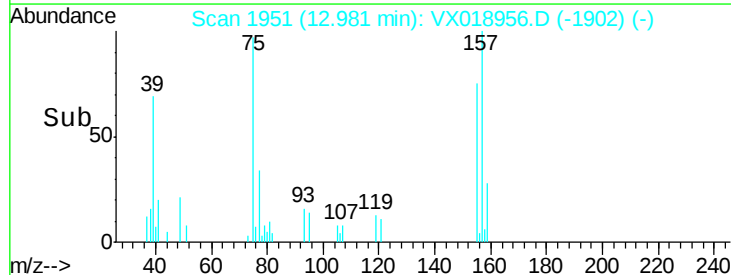
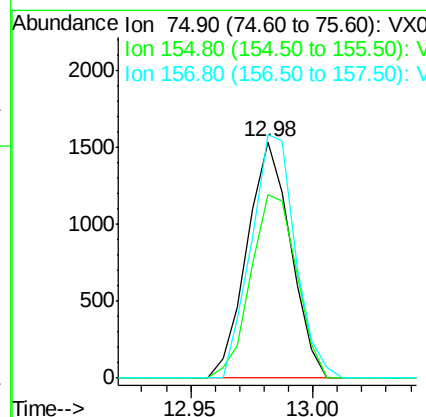
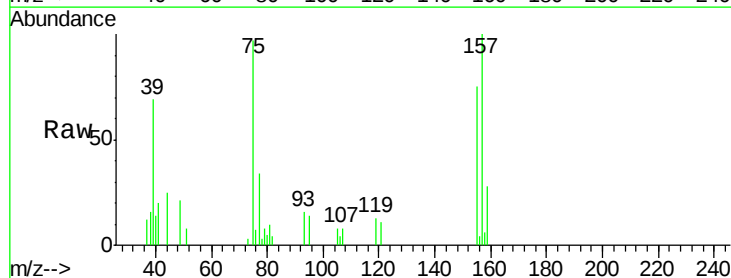
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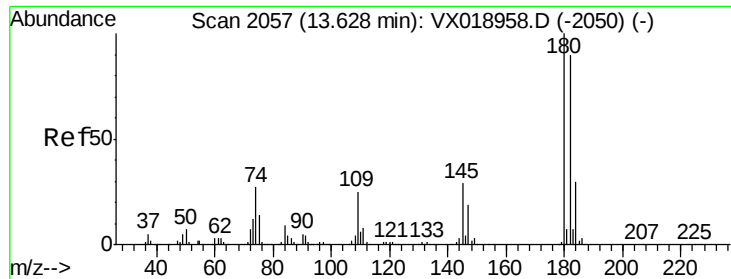
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.165 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.4	48.2	144.6
157	104.4	62.2	186.6





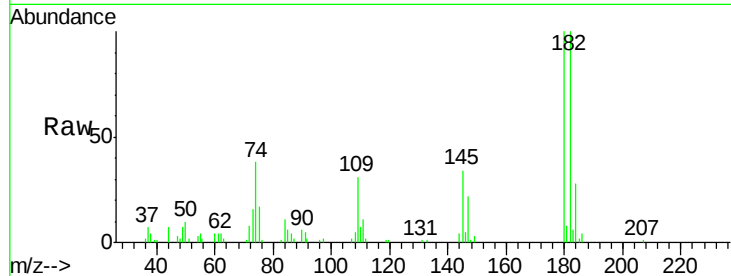
#93
 1,2,4-Trichlorobenzene
 Concen: 5.305 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

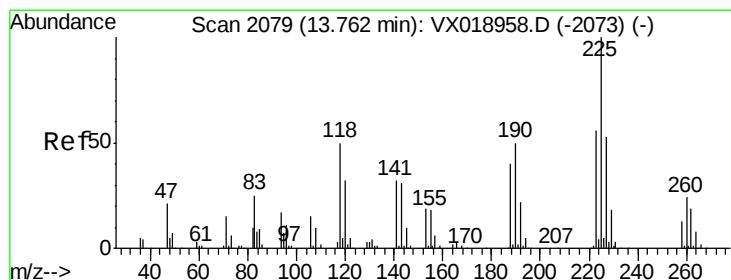
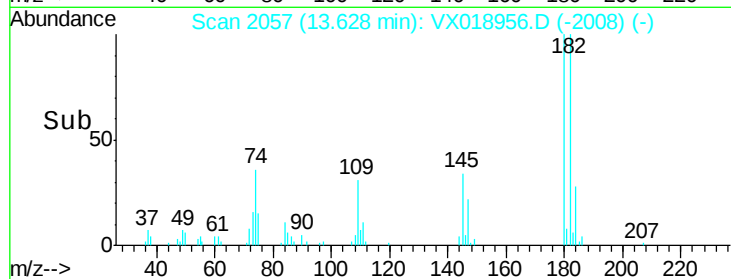
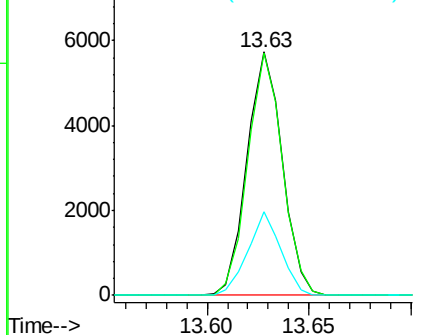
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	46.3	138.9
145	32.1	15.5	46.5

Manual Integrations
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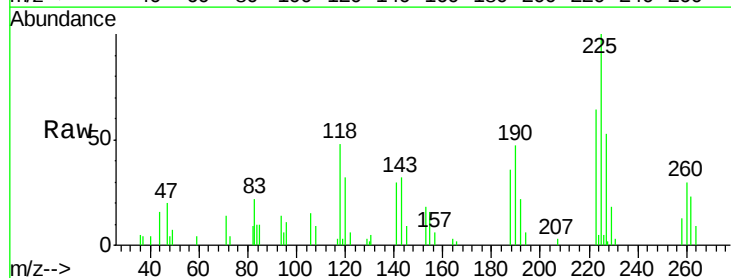


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

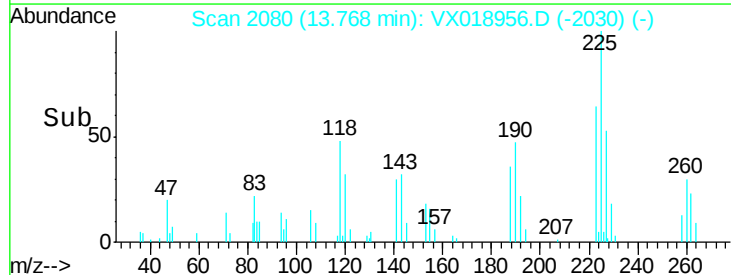
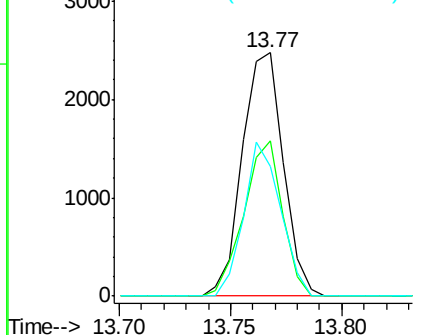


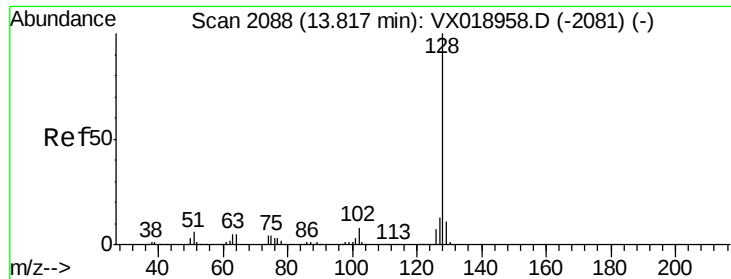
#94
 Hexachlorobutadiene
 Concen: 6.137 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018956.D
 Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.8	31.4	94.0
227	56.5	30.9	92.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





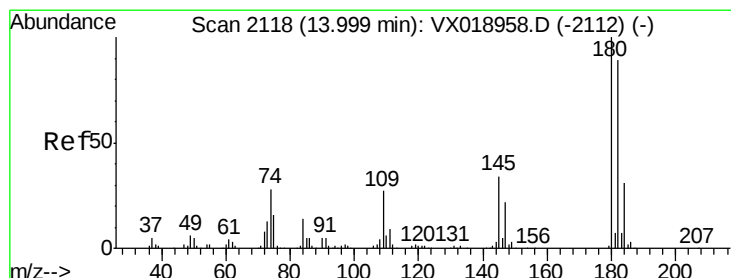
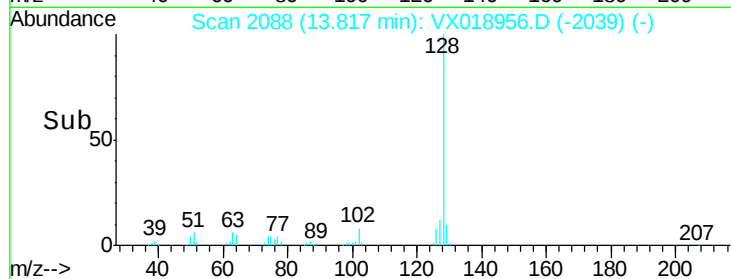
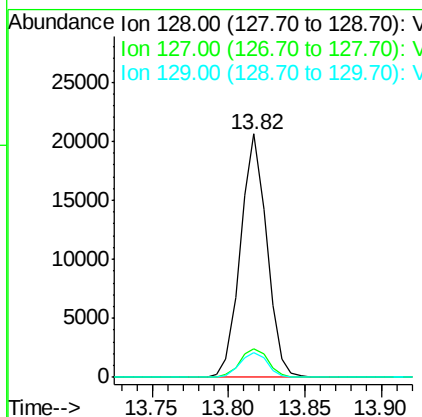
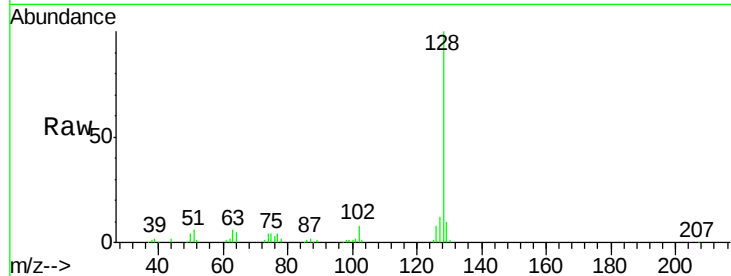
#95
Naphthalene
Concen: 5.693 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.6	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 5.399 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018956.D
Acq: 19 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.6	139.7
145	32.5	17.0	51.0

