

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010499.D
 Acq On : 27 Jun 2019 19:13
 Operator : JC/SP
 Sample : K3565-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0570MS

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:38:25 AM

Quant Time: Jun 28 07:49:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	369018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	335925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176326	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	113848	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	5.49	113	114388	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	8.71	98	429445	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.13	95	158011	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	74183	43.406	ug/l	99
3) Chloromethane	1.32	50	88439	44.440	ug/l	98
4) Vinyl Chloride	1.41	62	97629	44.790	ug/l	100
5) Bromomethane	1.64	94	50204	47.277	ug/l	98
6) Chloroethane	1.71	64	61415	47.757	ug/l	99
7) Trichlorofluoromethane	1.93	101	170660	49.390	ug/l	96
8) Diethyl Ether	2.19	74	62287	50.266	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	95830	45.765	ug/l	99
10) Methyl Iodide	2.51	142	150108	50.230	ug/l	99
11) Tert butyl alcohol	3.05	59	130289	216.031	ug/l	99
12) 1,1-Dichloroethene	2.37	96	101107	47.451	ug/l	96
13) Acrolein	2.29	56	76694	191.695	ug/l	95
14) Allyl chloride	2.73	41	143896	47.568	ug/l	99
15) Acrylonitrile	3.14	53	312942	262.079	ug/l	98
16) Acetone	2.45	43	237115	205.273	ug/l	100
17) Carbon Disulfide	2.57	76	235191	41.142	ug/l	99
18) Methyl Acetate	2.78	43	107903	46.869	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	333742	49.789	ug/l #	39
20) Methylene Chloride	2.85	84	116363	48.950	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	106744	46.580	ug/l	98
22) Diisopropyl ether	3.86	45	312821	49.460	ug/l #	87
23) Vinyl Acetate	3.82	43	1273014	232.988	ug/l	100
24) 1,1-Dichloroethane	3.70	63	179263	49.034	ug/l	99
25) 2-Butanone	4.67	43	402236	237.390	ug/l	99
26) 2,2-Dichloropropane	4.58	77	130009	40.937	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	127971	48.324	ug/l	99
28) Bromochloromethane	5.01	49	83666	47.865	ug/l	98
29) Tetrahydrofuran	5.13	42	266108	253.550	ug/l	99
30) Chloroform	5.21	83	194544	49.458	ug/l	97
31) Cyclohexane	5.58	56	449136	134.908	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	171424	49.355	ug/l	100
36) 1,1-Dichloropropene	5.80	75	139287	47.499	ug/l	98
37) Ethyl Acetate	4.84	43	139643	46.289	ug/l	99
38) Carbon Tetrachloride	5.78	117	152423	48.001	ug/l	92

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Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:38:25 AM

Quant Time: Jun 28 07:49:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	411494	106.754	ug/l	96
40) Benzene	6.15	78	2347778	256.984	ug/l	99
41) Methacrylonitrile	5.04	41	82849	50.053	ug/l	99
42) 1,2-Dichloroethane	6.20	62	158965	57.162	ug/l	97
43) Isopropyl Acetate	6.45	43	245996	49.286	ug/l	98
44) Trichloroethene	7.21	130	130728	47.821	ug/l	95
45) 1,2-Dichloropropane	7.51	63	115672	50.138	ug/l	100
46) Dibromomethane	7.66	93	81913	49.486	ug/l	99
47) Bromodichloromethane	7.90	83	150224	49.522	ug/l	99
48) Methyl methacrylate	7.77	41	129508	55.823	ug/l	95
49) 1,4-Dioxane	7.74	88	60187	900.568	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	832633	260.837	ug/l	98
52) Toluene	8.79	92	303045	50.371	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	161514	47.491	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	177699	48.080	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	124085	50.009	ug/l	98
56) Ethyl methacrylate	9.18	69	192355	51.175	ug/l	97
57) 1,3-Dichloropropane	9.37	76	192040	49.859	ug/l	99
59) 2-Hexanone	9.49	43	622617	247.823	ug/l	100
60) Dibromochloromethane	9.58	129	137000	49.313	ug/l	98
61) 1,2-Dibromoethane	9.67	107	134192	50.105	ug/l	100
64) Tetrachloroethene	9.34	164	120017	44.172	ug/l	99
65) Chlorobenzene	10.14	112	337027	49.418	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	126097	50.760	ug/l	100
67) Ethyl Benzene	10.25	91	3171106	275.425	ug/l	99
68) m/p-Xylenes	10.36	106	3230013	724.023	ug/l	100
69) o-Xylene	10.69	106	241508	55.049	ug/l	100
70) Styrene	10.71	104	373847	50.812	ug/l	98
71) Bromoform	10.85	173	105436	48.806	ug/l	98
73) Isopropylbenzene	11.02	105	822123	68.781	ug/l	99
74) N-amyl acetate	10.90	43	208815	46.227	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	195981	49.510	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	156874m	48.823	ug/l	
77) Bromobenzene	11.26	156	159463	47.779	ug/l	99
78) n-propylbenzene	11.36	91	955513	72.737	ug/l	100
79) 2-Chlorotoluene	11.42	91	506225	64.714	ug/l	84
80) 1,3,5-Trimethylbenzene	11.51	105	915759	92.937	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	59327	43.075	ug/l	95
82) 4-Chlorotoluene	11.51	91	483719	54.343	ug/l	95
83) tert-Butylbenzene	11.77	119	507762	51.341	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1814902	183.327	ug/l	99
85) sec-Butylbenzene	11.94	105	598022	51.500	ug/l	99
86) p-Isopropyltoluene	12.06	119	595268	55.421	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	281408	48.303	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	282242	47.587	ug/l	99
89) n-Butylbenzene	12.38	91	494280	54.156	ug/l	95
90) Hexachloroethane	12.60	117	99498	53.573	ug/l	89
91) 1,2-Dichlorobenzene	12.39	146	279044	48.192	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43054	50.447	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	200308	49.885	ug/l	99

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FL-0570MS

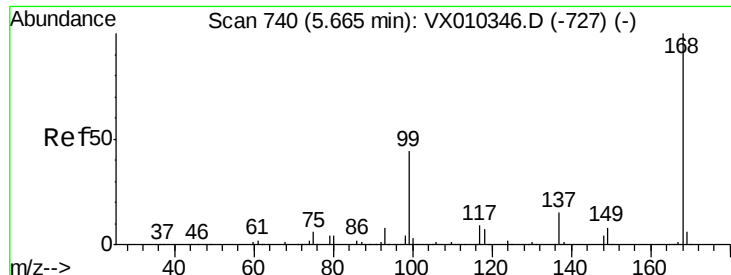
Manual Integrations
APPROVED

MMDadoda
6/28/2019 10:38:25 AM

Quant Time: Jun 28 07:49:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	94482	48.144	ug/l	99
95) Naphthalene	13.83	128	852063	69.051	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	200062	50.111	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FL-0570MS

Tot Ion:168 Resp: 245824

Ion Ratio Lower Upper

168 100

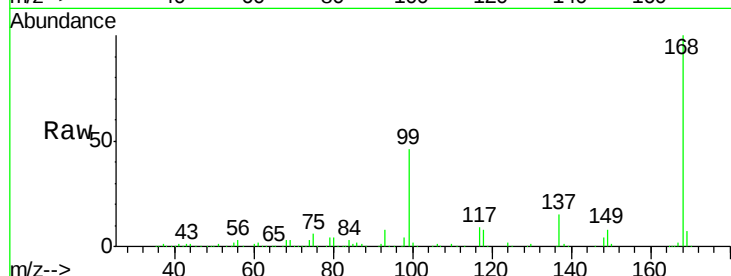
99 46.0 35.5 53.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

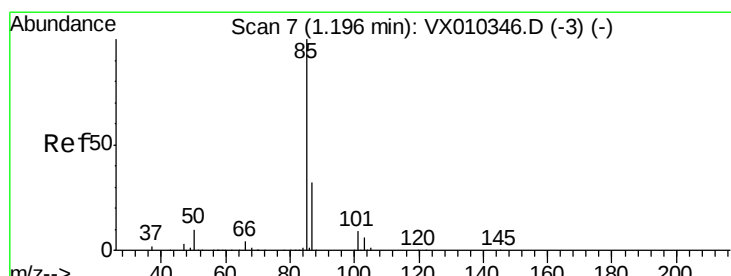
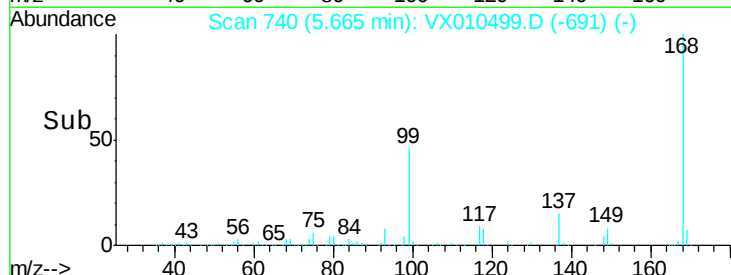
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.406 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010499.D

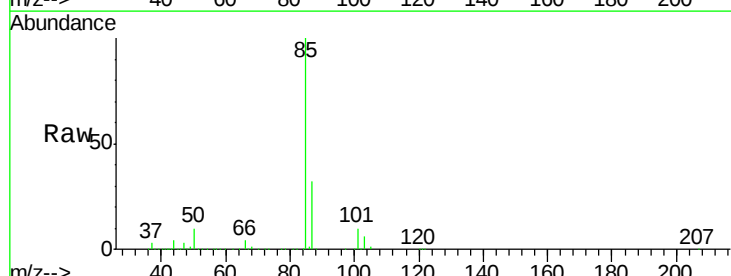
Acq: 27 Jun 2019 19:13

Tgt Ion: 85 Resp: 74183

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

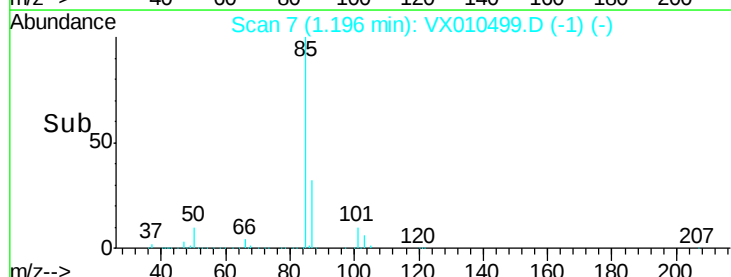
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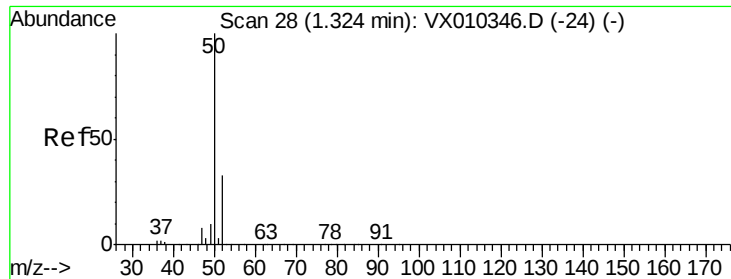
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1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.440 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FL-0570MS

Tot Ion: 50 Resp: 88439

Ion Ratio Lower Upper

50 100

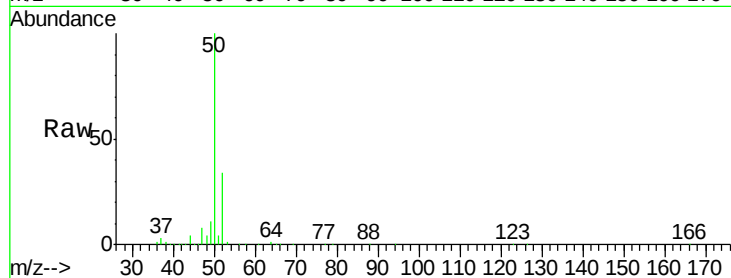
52 34.1 26.5 39.7

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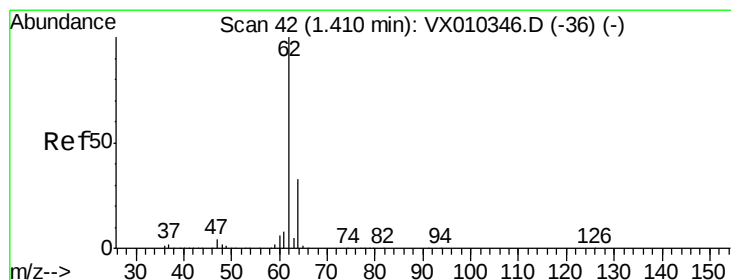
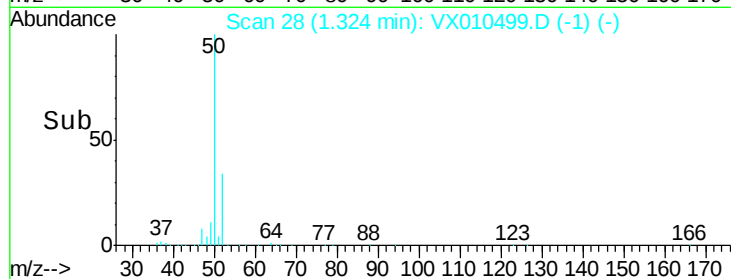
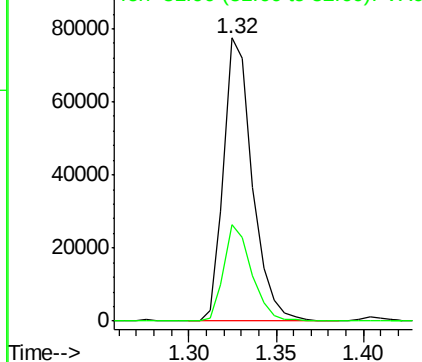
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.790 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010499.D

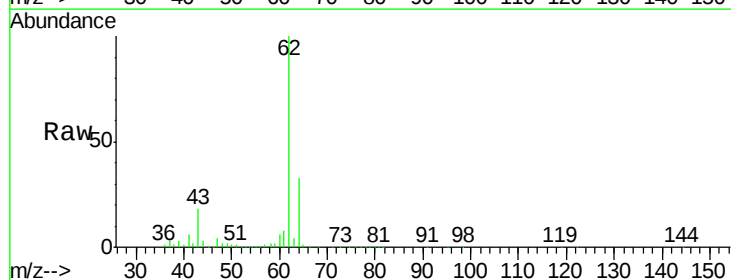
Acq: 27 Jun 2019 19:13

Tgt Ion: 62 Resp: 97629

Ion Ratio Lower Upper

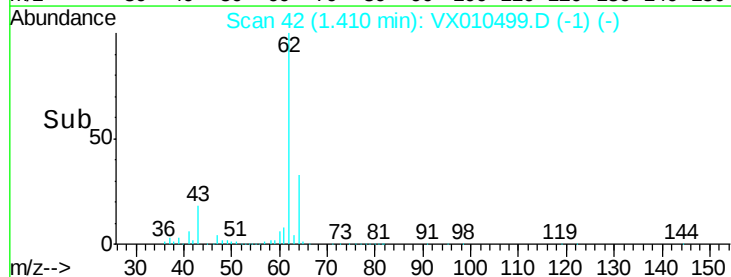
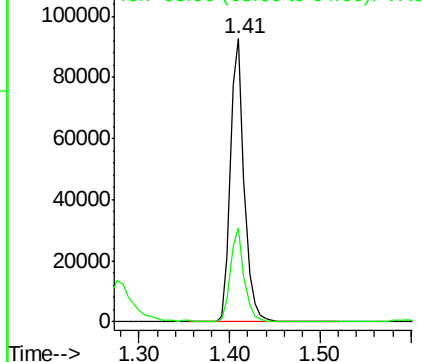
62 100

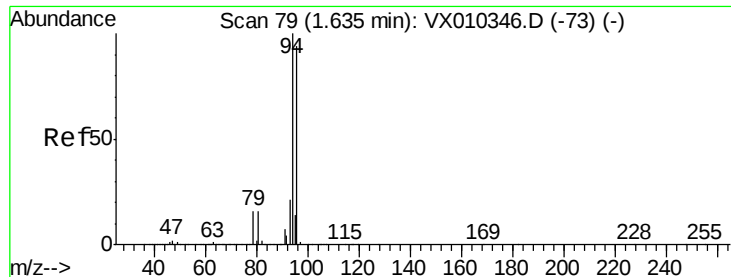
64 33.0 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.277 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FL-0570MS

Tot Ion: 94 Resp: 50204

Ion Ratio Lower Upper

94 100

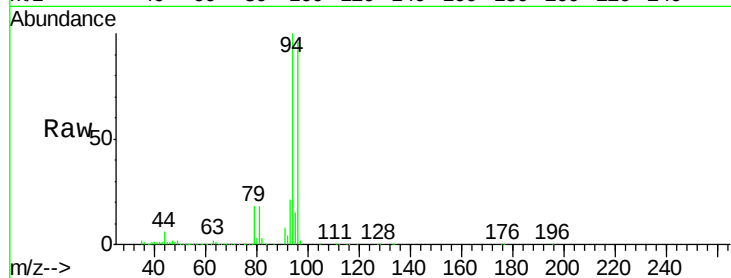
96 96.2 75.5 113.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

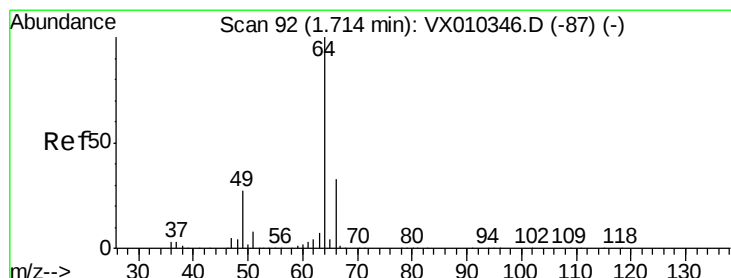
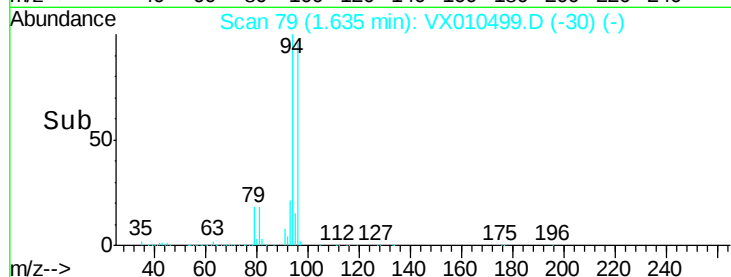
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 47.757 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010499.D

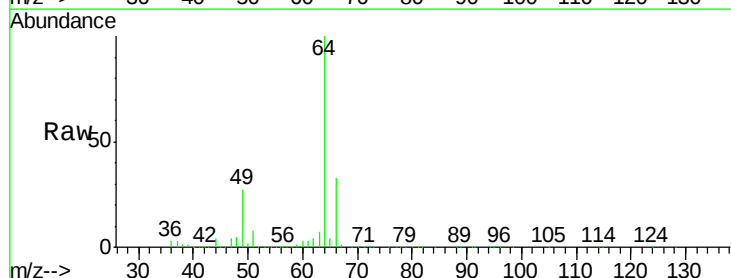
Acq: 27 Jun 2019 19:13

Tgt Ion: 64 Resp: 61415

Ion Ratio Lower Upper

64 100

66 32.9 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

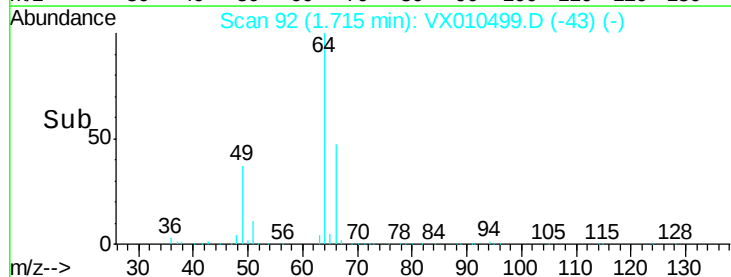
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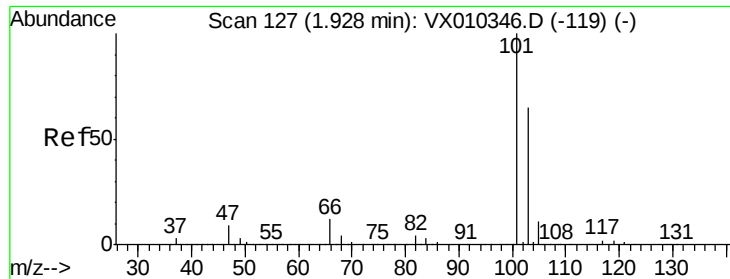
20000

10000

0

Time--> 1.65 1.70 1.75 1.80





#7

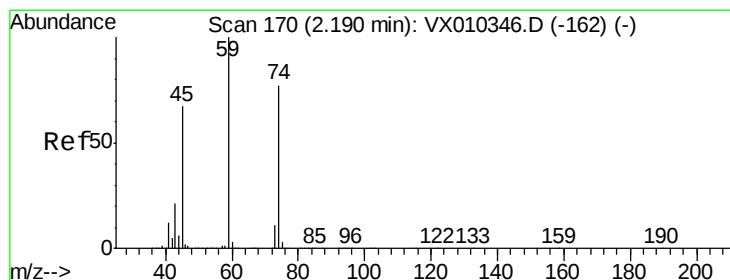
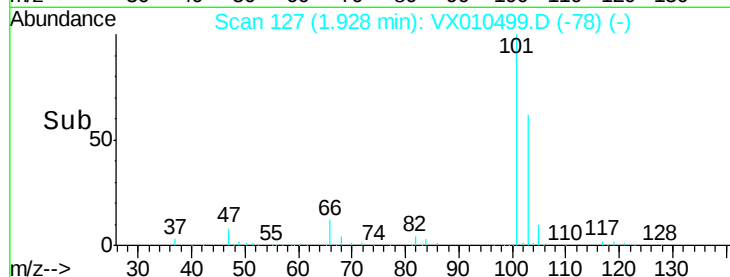
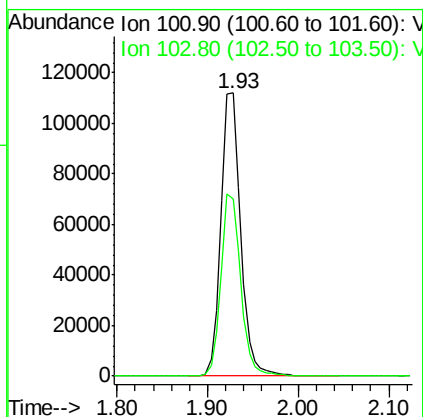
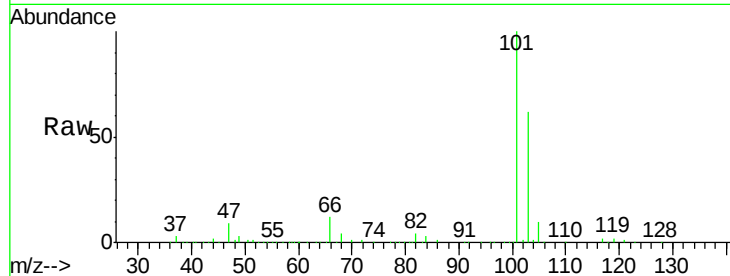
Trichlorofluoromethane
Concen: 49.390 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampled :
FL-0570MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	52.3	78.5

Manual Integrations
APPROVED

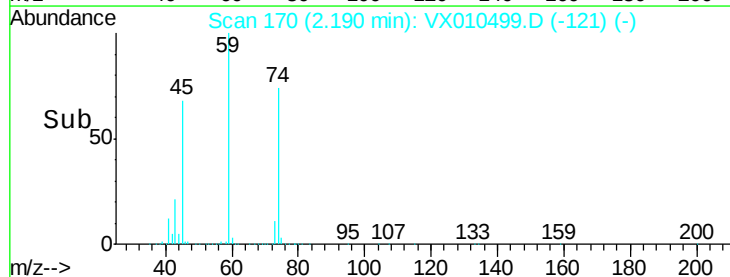
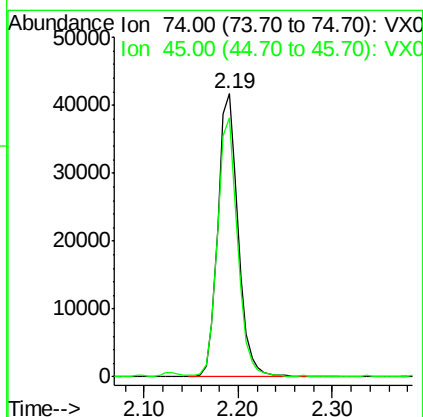
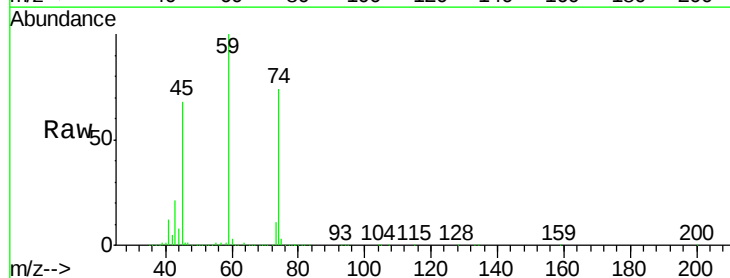
MMDadoda
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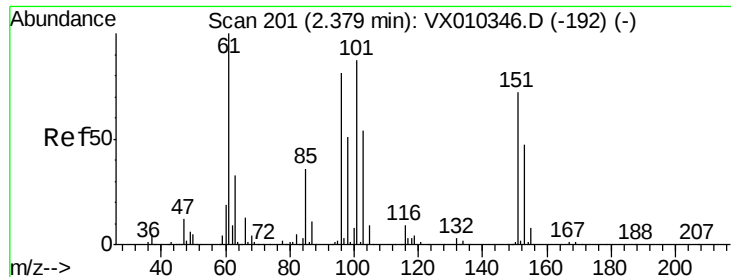


#8

Diethyl Ether
Concen: 50.266 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.6	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.765 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

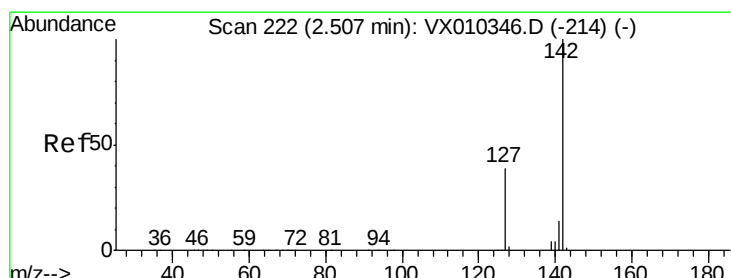
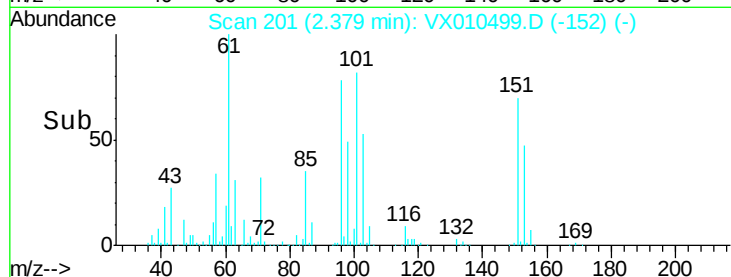
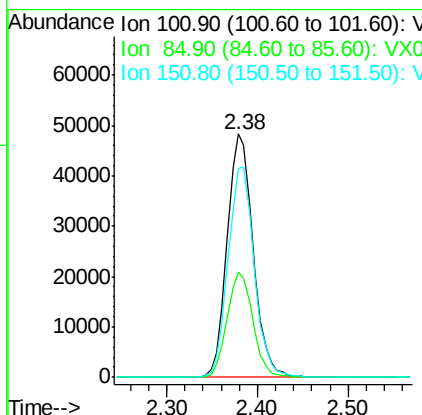
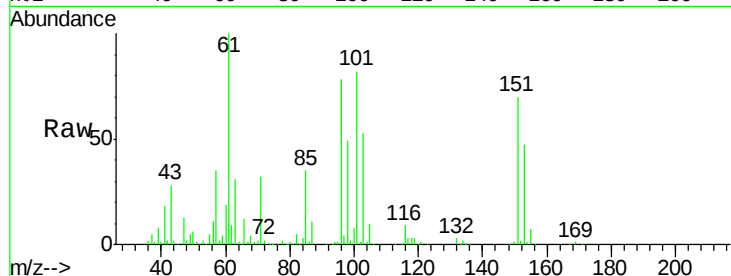
ClientSampled :

FL-0570MS

Tot Ion:	101	Resp:	95830
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.7	50.5
151	87.3	70.1	105.1

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#10

Methyl Iodide

Concen: 50.230 ug/l

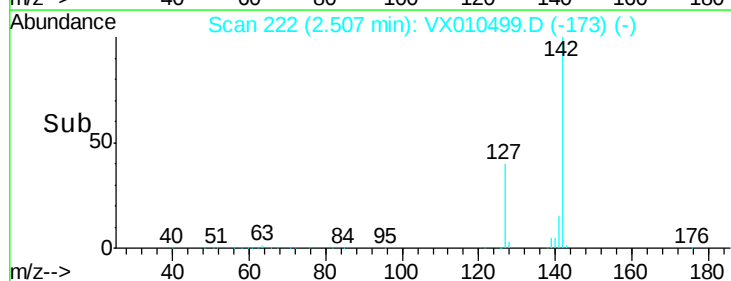
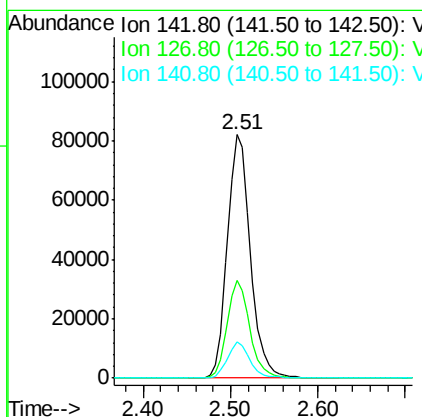
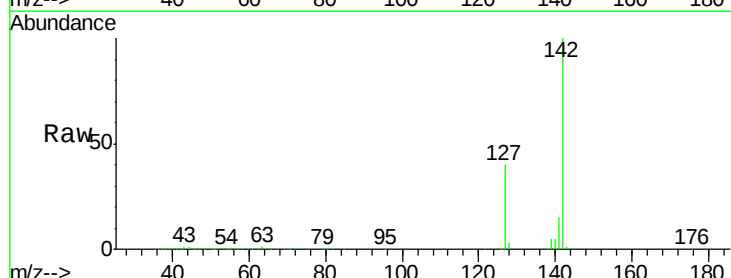
RT: 2.51 min Scan# 222

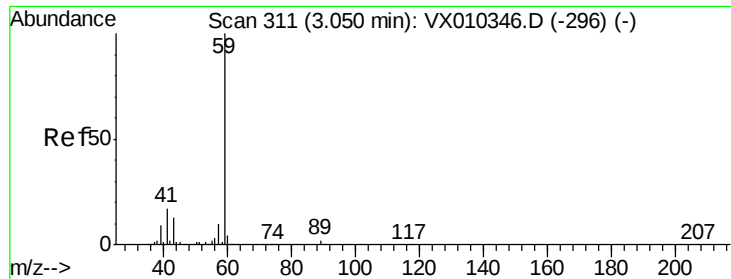
Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Tgt Ion:	142	Resp:	150108
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.1	46.7
141	14.3	11.2	16.8





#11

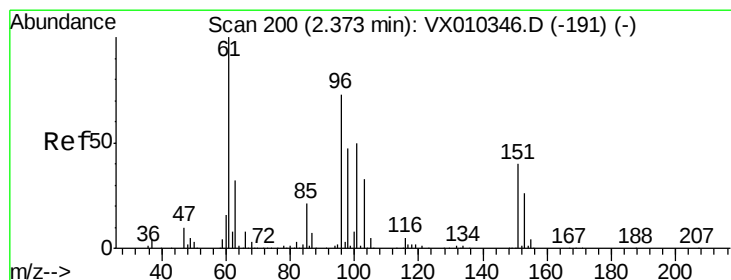
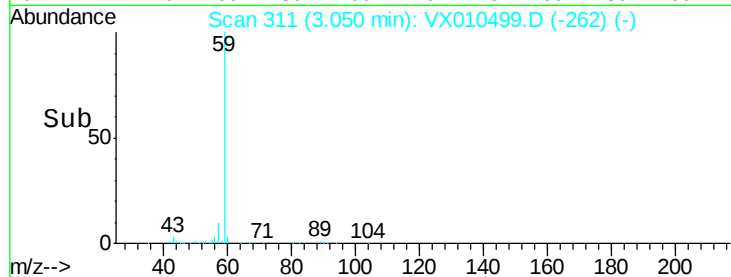
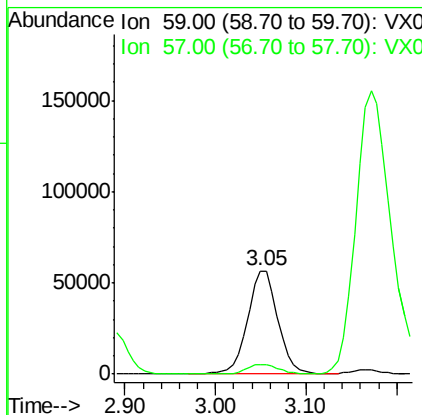
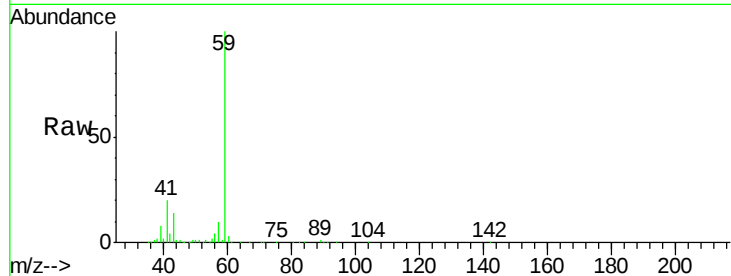
Tert butyl alcohol
Concen: 216.031 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0570MS

Tot Ion	59	Resp	130289
Ion Ratio	100	Lower	Upper
57	10.1	7.7	11.5

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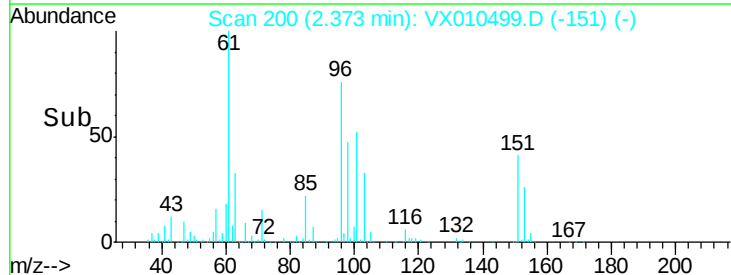
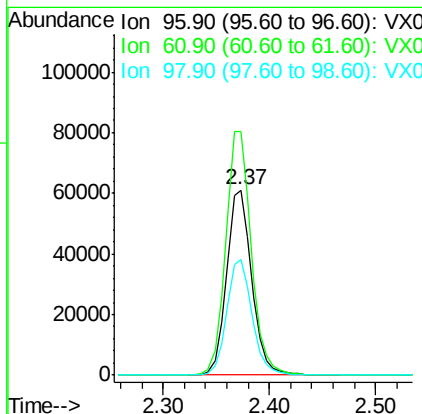
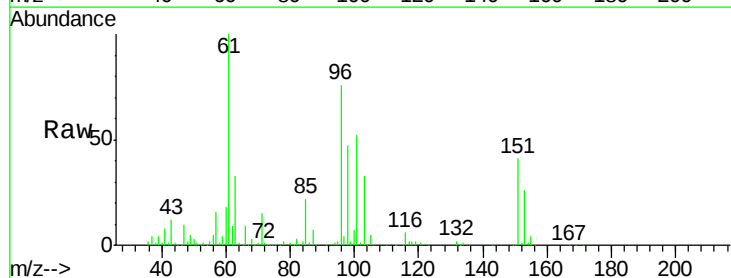
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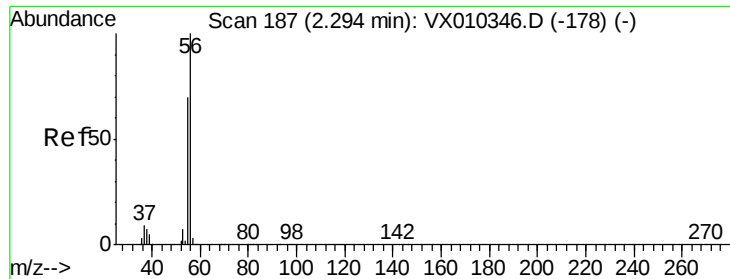


#12

1,1-Dichloroethene
Concen: 47.451 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion	96	Resp	101107
Ion Ratio	100	Lower	Upper
61	131.3	109.2	163.8
98	62.1	51.1	76.7





#13

Acrolein

Concen: 191.695 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampled :

FL-0570MS

Tot Ion: 56 Resp: 76694

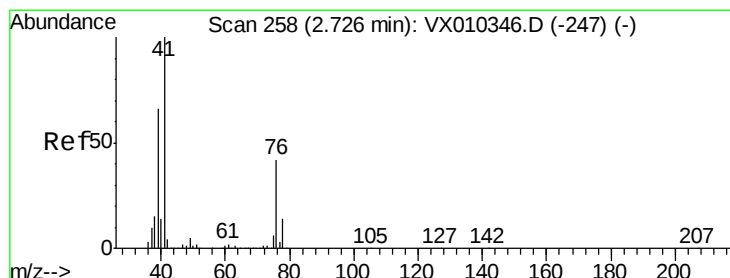
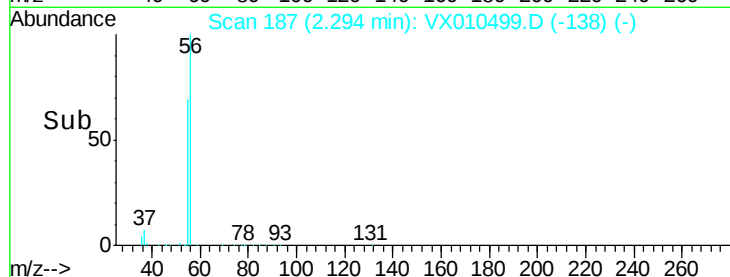
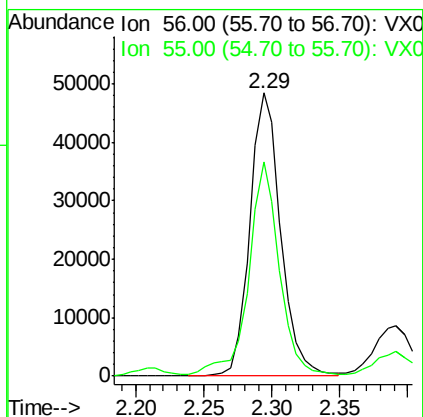
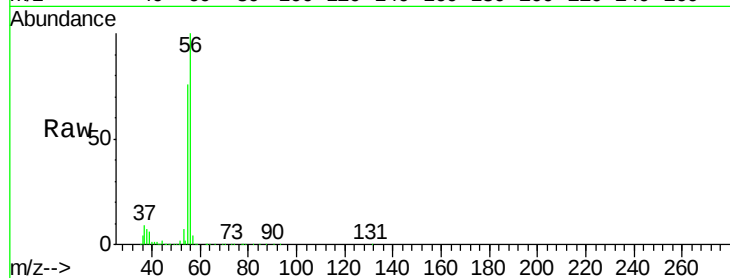
Ion Ratio Lower Upper

56 100

55 75.0 56.9 85.3

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#14

Allyl chloride

Concen: 47.568 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

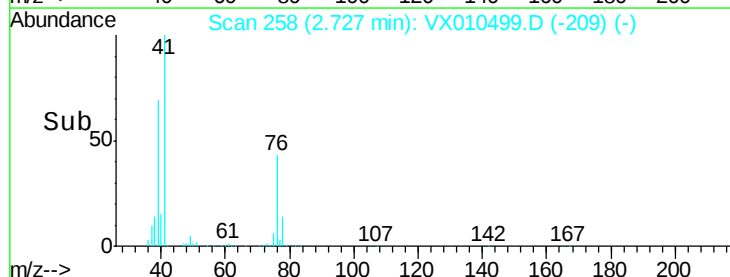
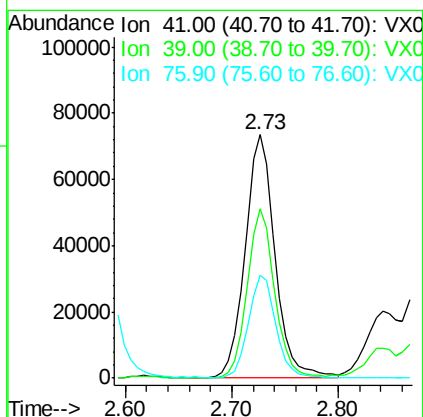
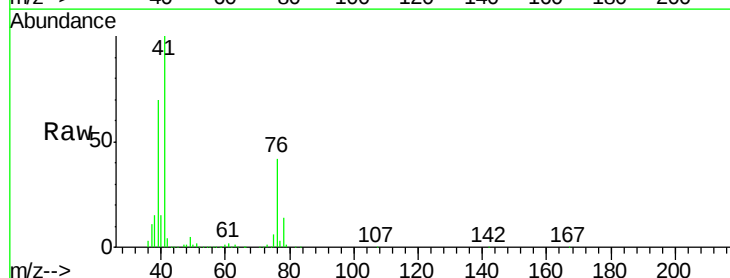
Tgt Ion: 41 Resp: 143896

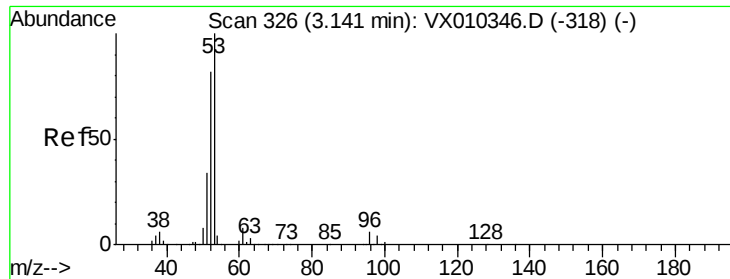
Ion Ratio Lower Upper

41 100

39 64.0 50.3 75.5

76 39.0 31.3 46.9





#15

Acrylonitrile

Concen: 262.079 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

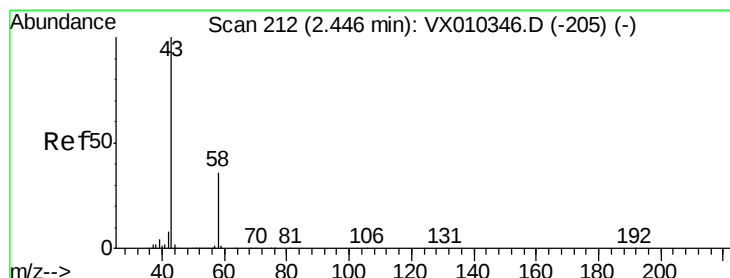
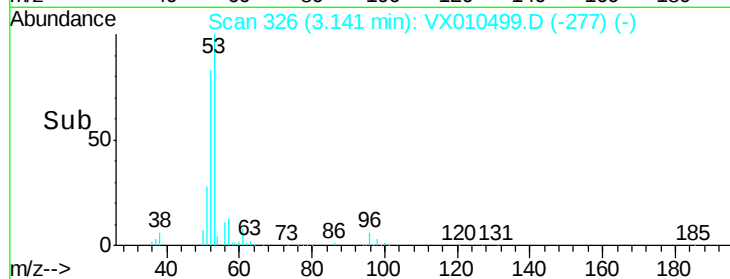
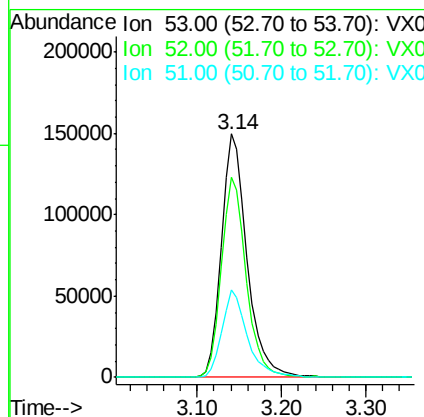
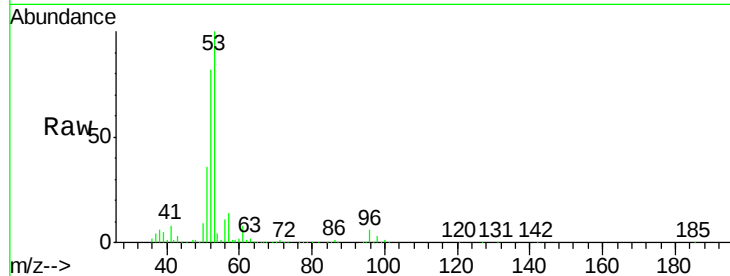
ClientSampleId :

FL-0570MS

Tot Ion:	53	Resp:	312942
Ion	Ratio	Lower	Upper
53	100		
52	79.7	65.5	98.3
51	35.6	28.2	42.4

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#16

Acetone

Concen: 205.273 ug/l

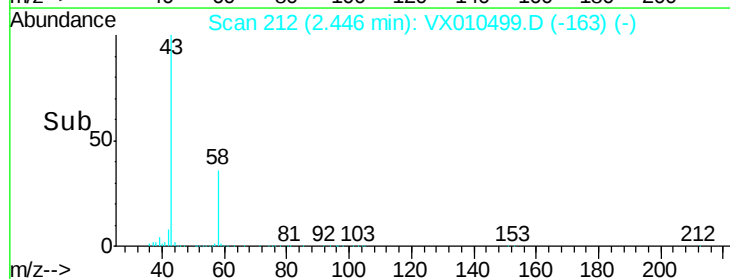
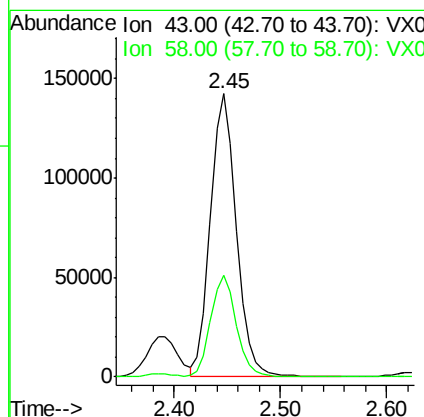
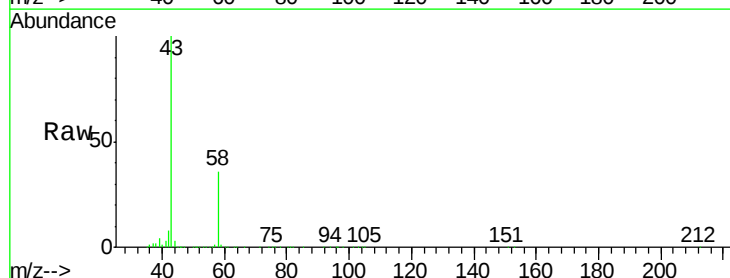
RT: 2.45 min Scan# 212

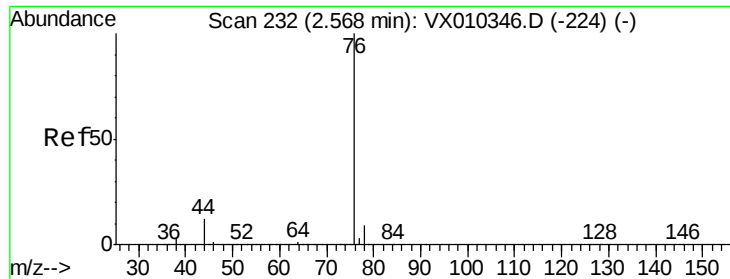
Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Tgt Ion:	43	Resp:	237115
Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.9	43.3





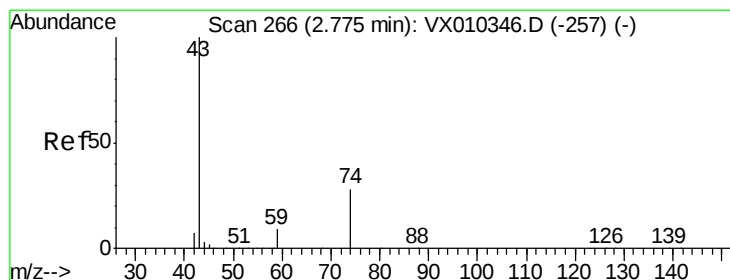
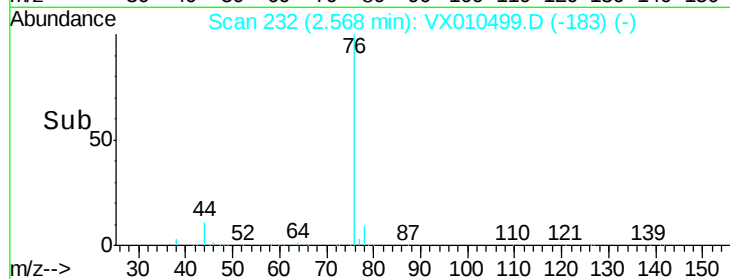
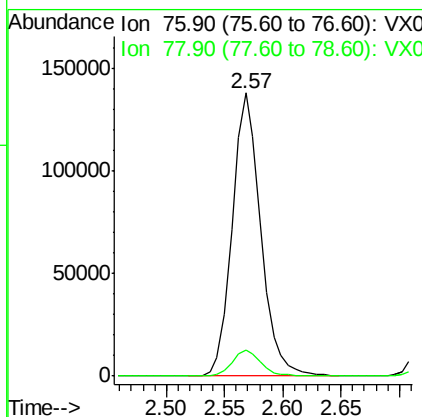
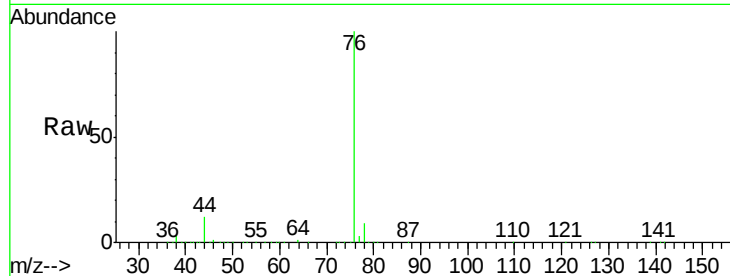
#17
Carbon Disulfide
Concen: 41.142 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0570MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

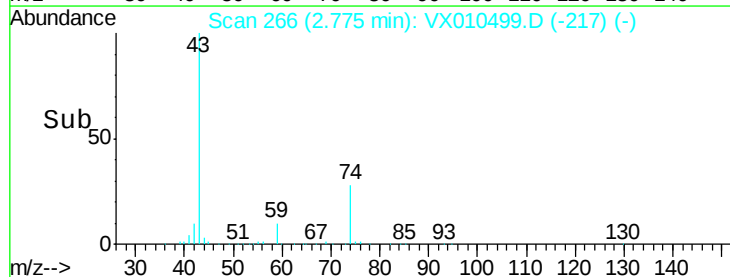
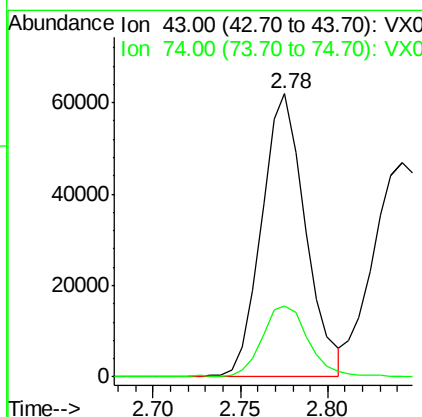
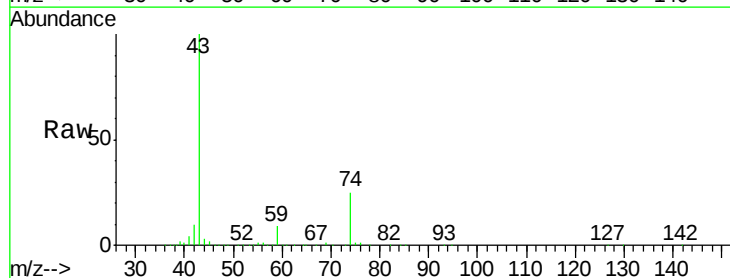
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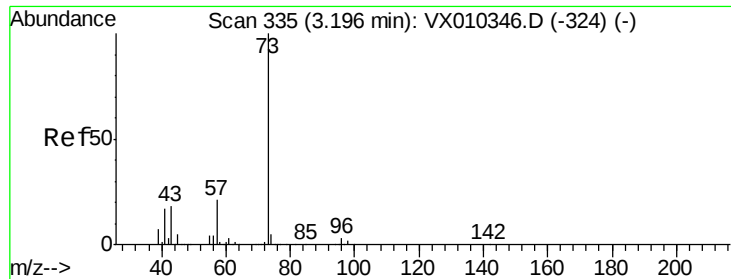
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#18
Methyl Acetate
Concen: 46.869 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.9	21.3	31.9





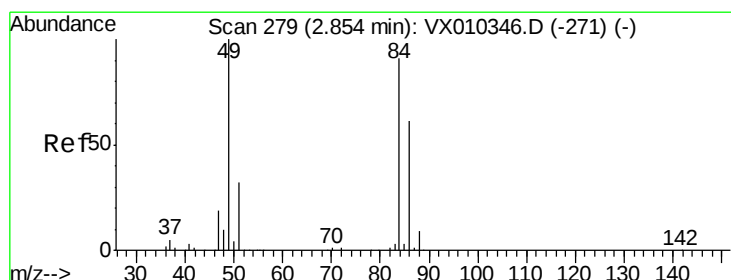
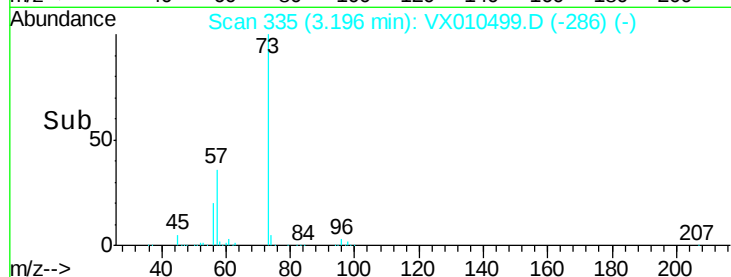
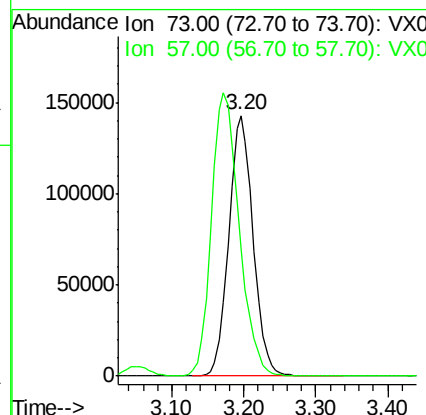
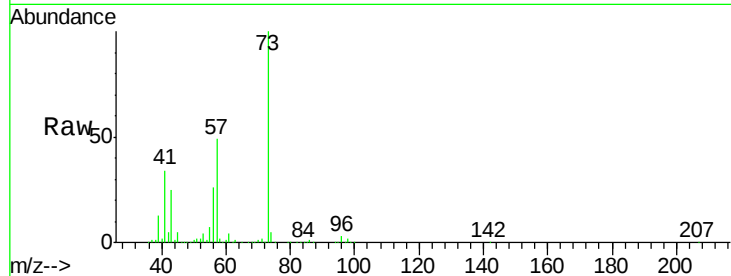
#19
Methyl tert-butyl Ether
Concen: 49.789 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0570MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	48.8	16.4	24.6#

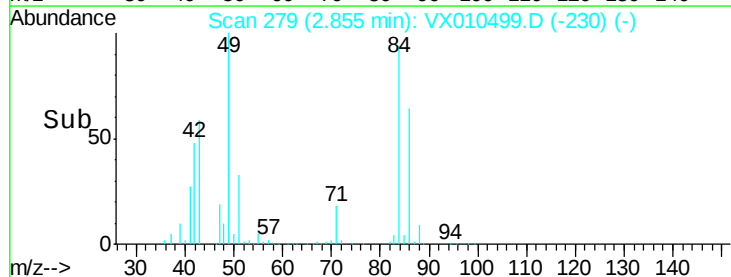
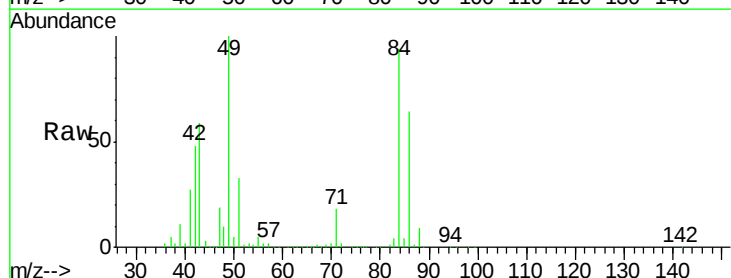
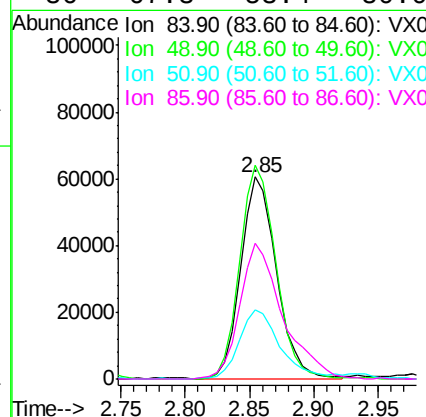
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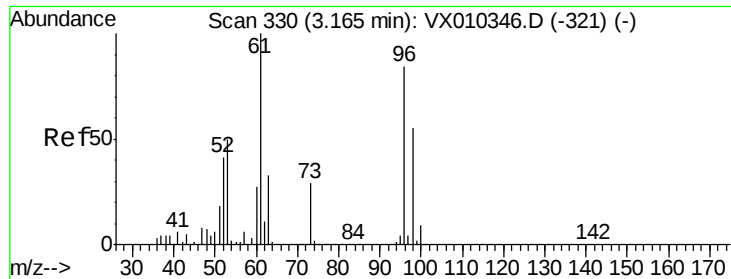
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#20
Methylene Chloride
Concen: 48.950 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.7	87.5	131.3
51	34.3	27.7	41.5
86	67.3	53.4	80.0





#21

trans-1,2-Dichloroethene

Concen: 46.580 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

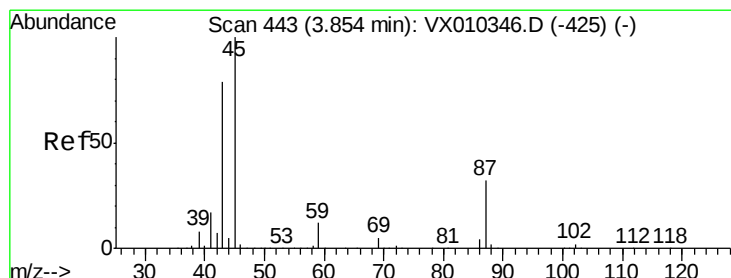
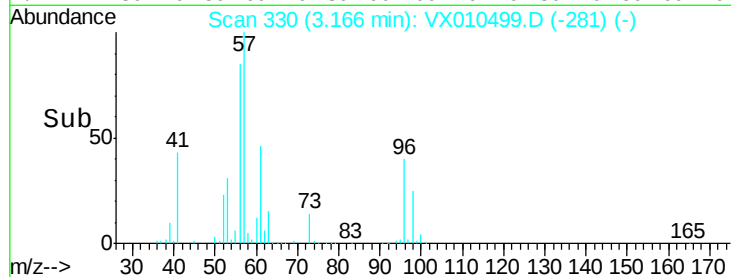
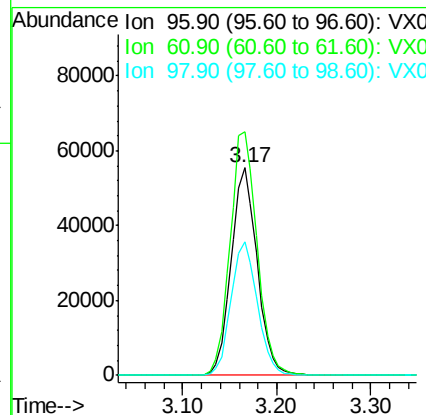
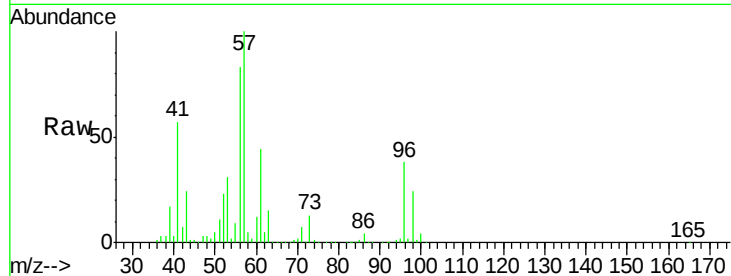
ClientSampleId :

FL-0570MS

Tot Ion:	96	Resp:	106744
Ion Ratio	Lower	Upper	
96	100		
61	117.1	95.6	143.4
98	64.1	52.5	78.7

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#22

Diisopropyl ether

Concen: 49.460 ug/l

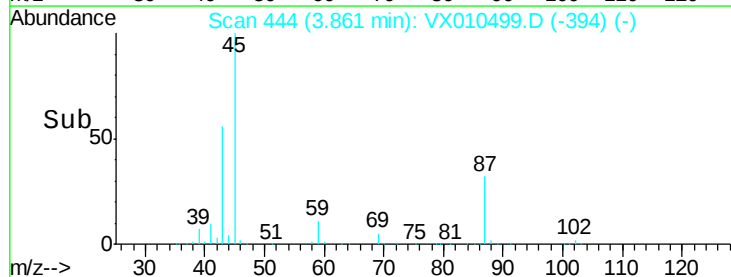
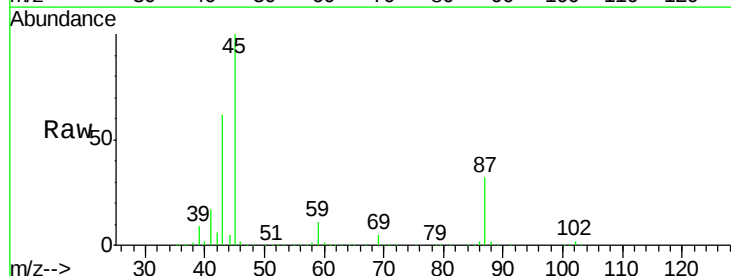
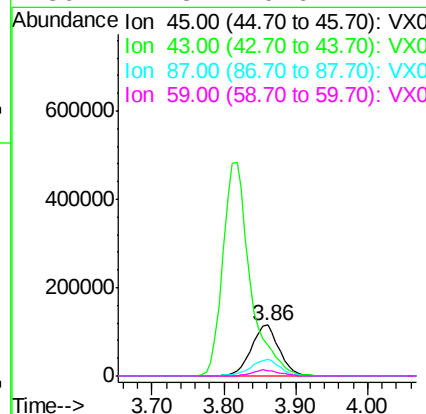
RT: 3.86 min Scan# 444

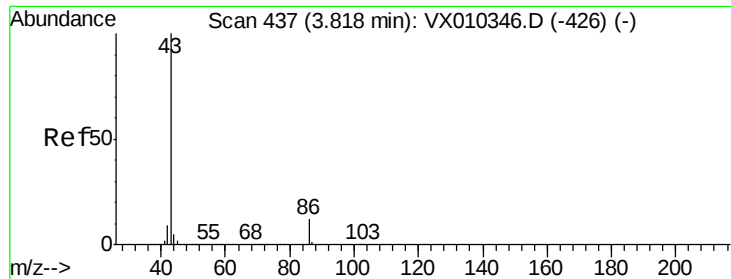
Delta R.T. 0.01 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Tgt Ion:	45	Resp:	312821
Ion Ratio	Lower	Upper	
45	100		
43	61.3	63.3	94.9#
87	32.5	25.8	38.8
59	11.3	9.6	14.4





#23

Vinyl Acetate

Concen: 232.988 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampled :

FL-0570MS

Tot Ion: 43 Resp: 1273014

Ion Ratio Lower Upper

43 100

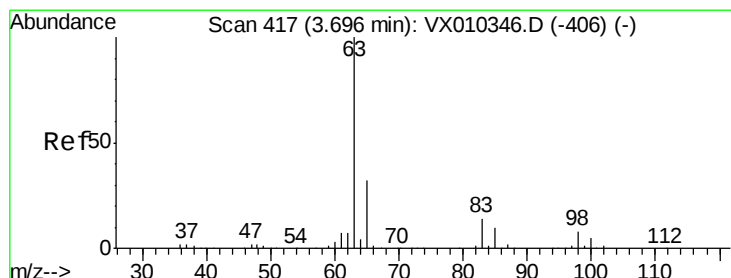
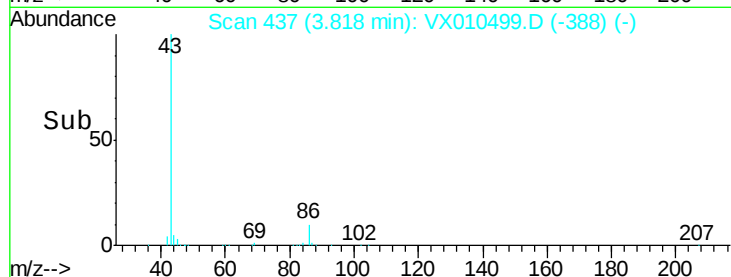
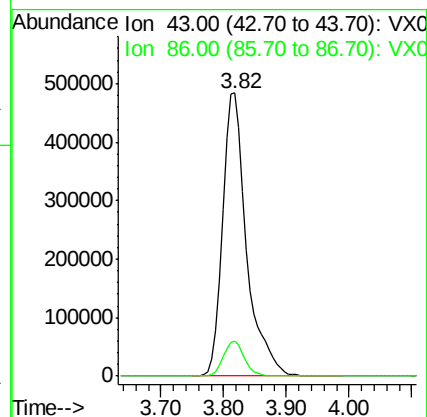
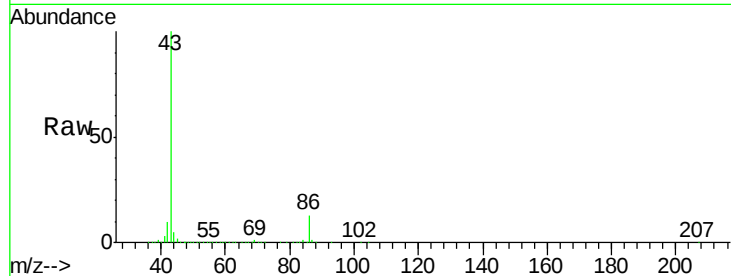
86 12.6 9.9 14.9

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#24

1,1-Dichloroethane

Concen: 49.034 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

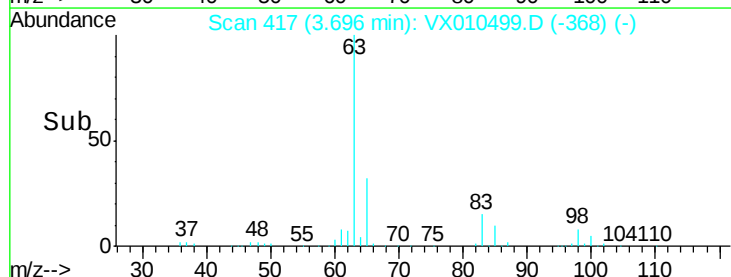
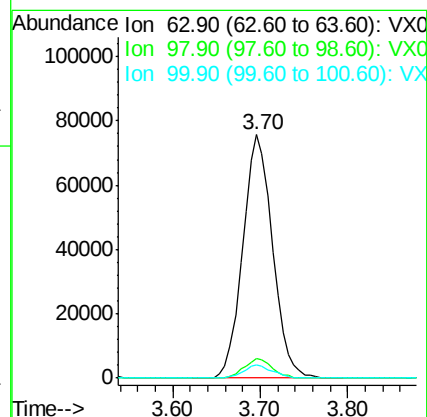
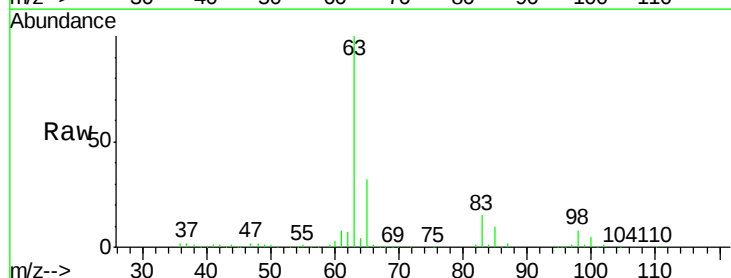
Tgt Ion: 63 Resp: 179263

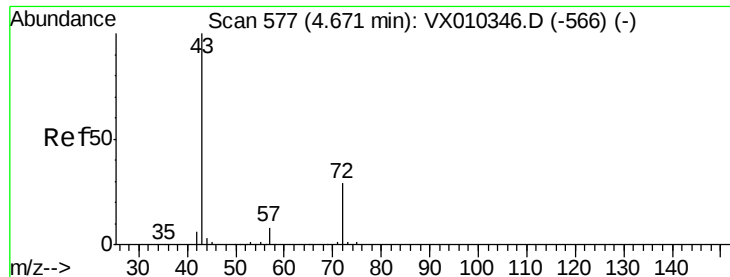
Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

100 5.4 2.4 7.1





#25

2-Butanone

Concen: 237.390 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FL-0570MS

Tot Ion: 43 Resp: 402236

Ion Ratio Lower Upper

43 100

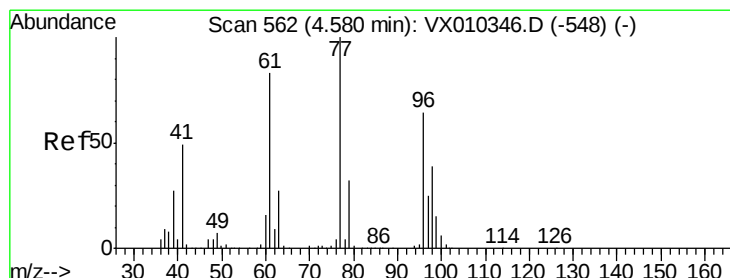
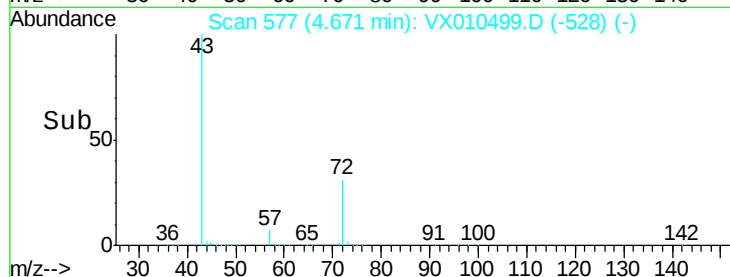
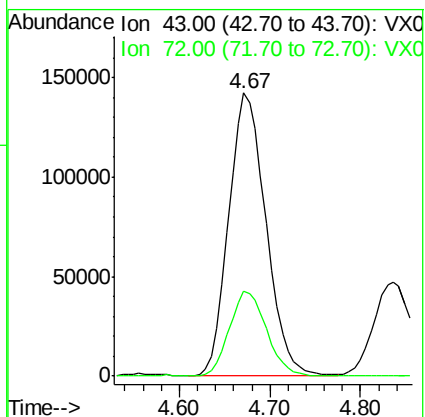
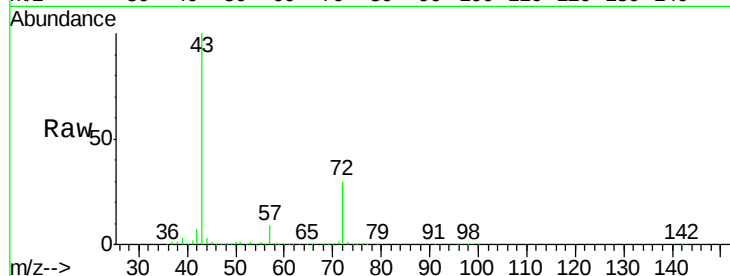
72 29.8 23.3 34.9

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#26

2,2-Dichloropropane

Concen: 40.937 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010499.D

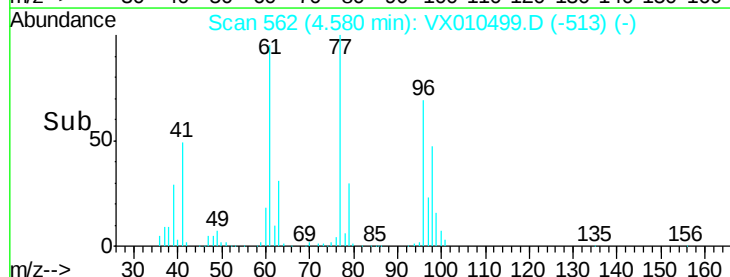
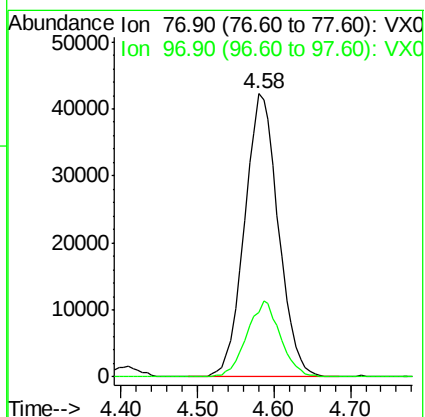
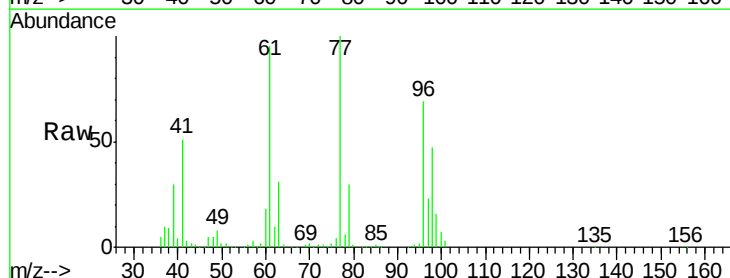
Acq: 27 Jun 2019 19:13

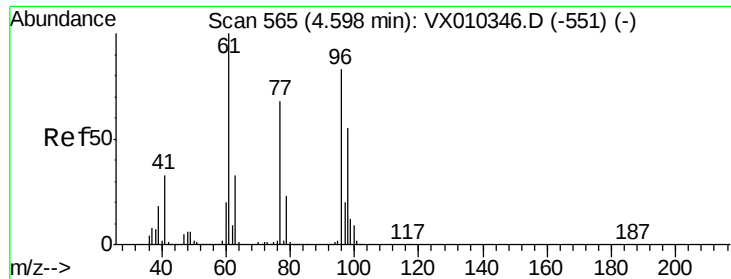
Tgt Ion: 77 Resp: 130009

Ion Ratio Lower Upper

77 100

97 26.5 13.1 39.3





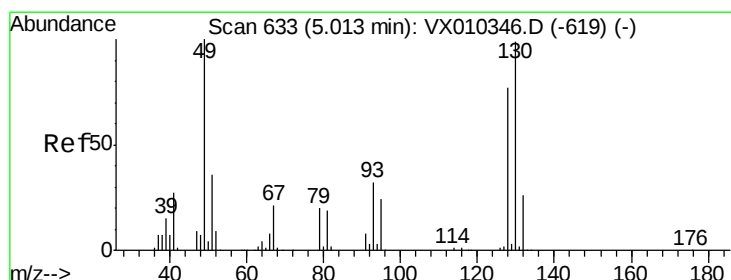
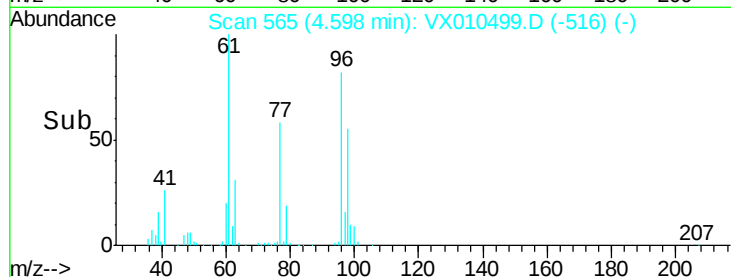
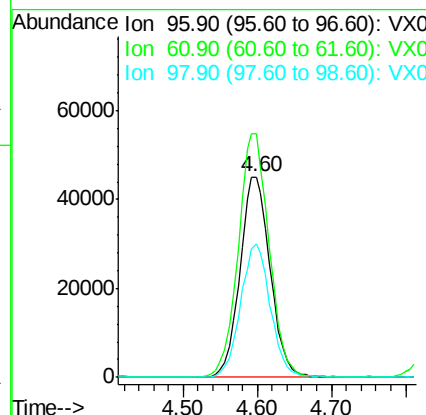
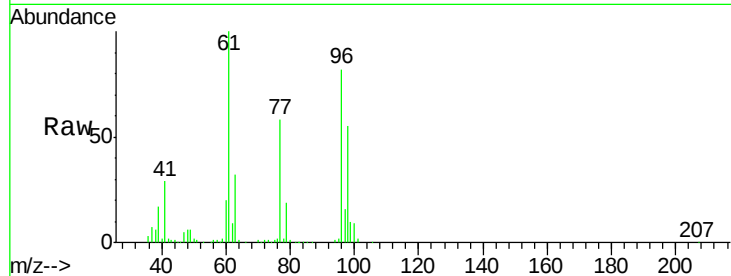
#27
 cis-1,2-Dichloroethene
 Concen: 48.324 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0570MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	127971		
61	124.8	0.0	251.8	
98	65.9	0.0	129.4	

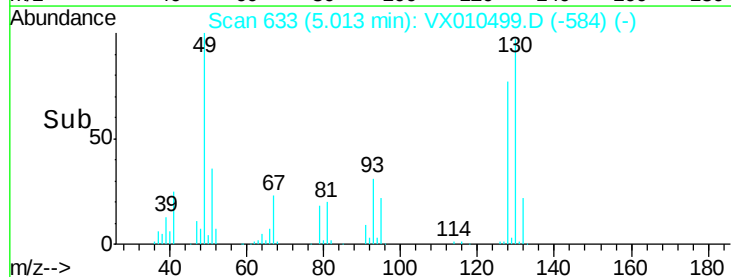
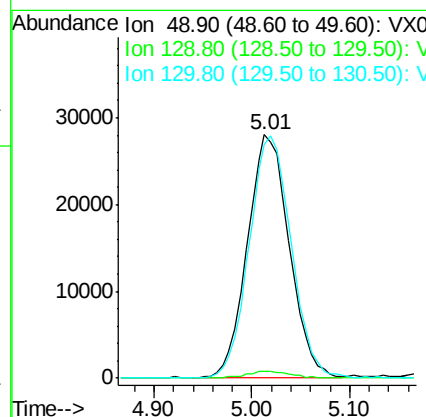
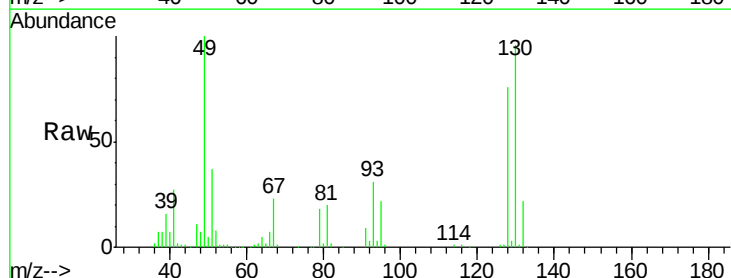
Manual Integrations
 APPROVED

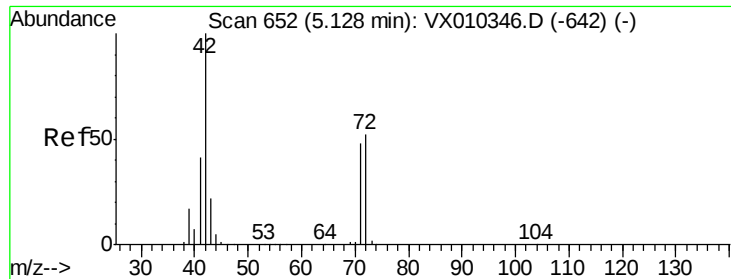
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#28
 Bromochloromethane
 Concen: 47.865 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	83666		
129	2.8	0.0	5.6	
130	99.9	81.4	122.0	





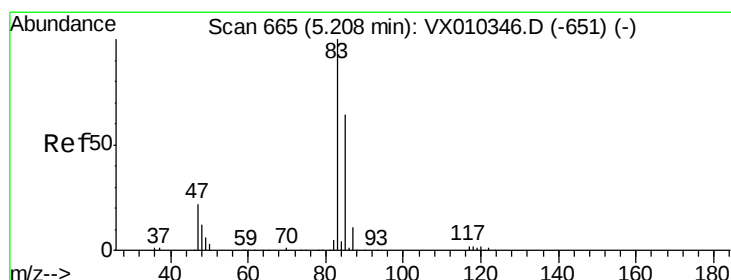
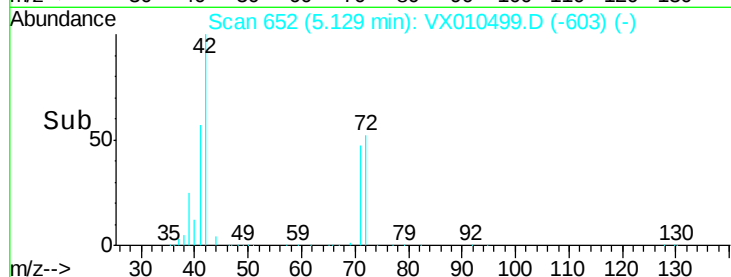
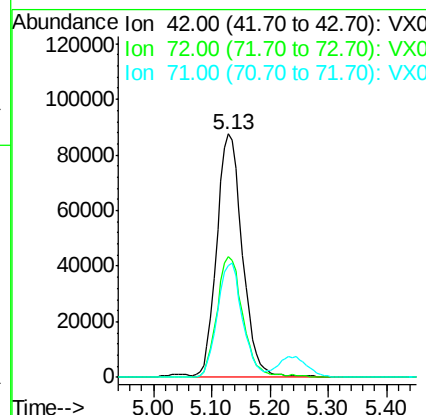
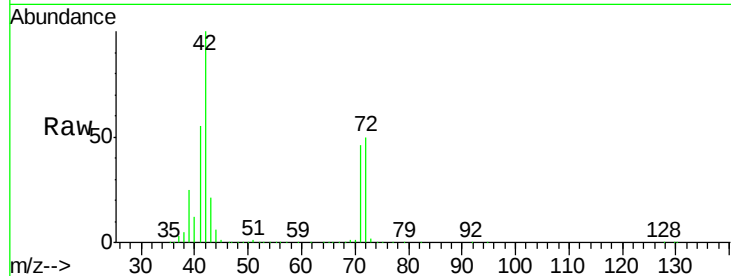
#29
Tetrahydrofuran
Concen: 253.550 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampled :
FL-0570MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.9	40.6	60.8
71	46.1	37.8	56.8

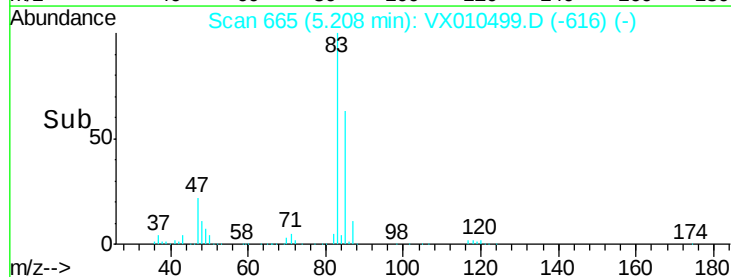
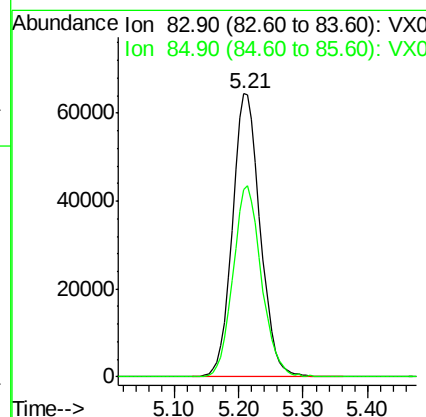
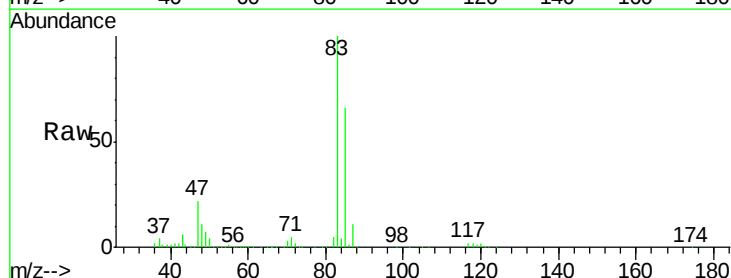
Manual Integrations
APPROVED

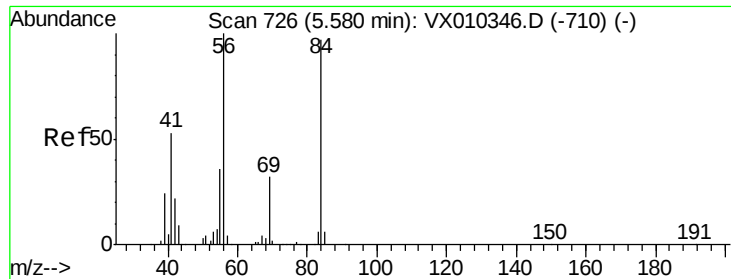
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#30
Chloroform
Concen: 49.458 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.9	76.3





#31

Cyclohexane

Concen: 134.908 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

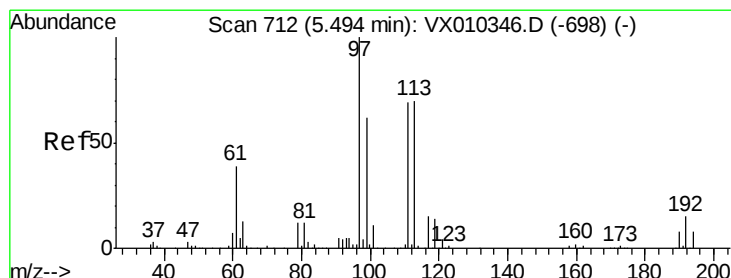
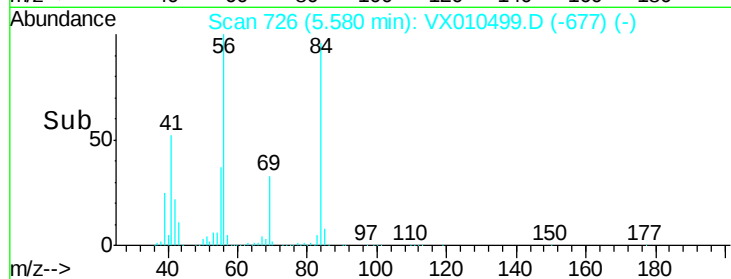
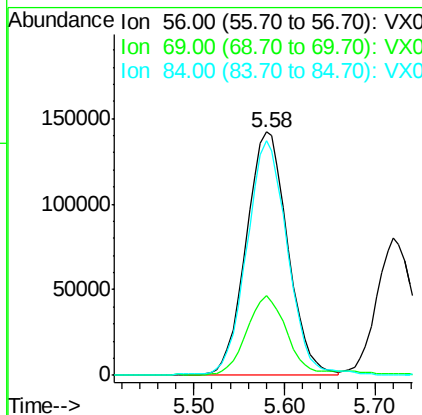
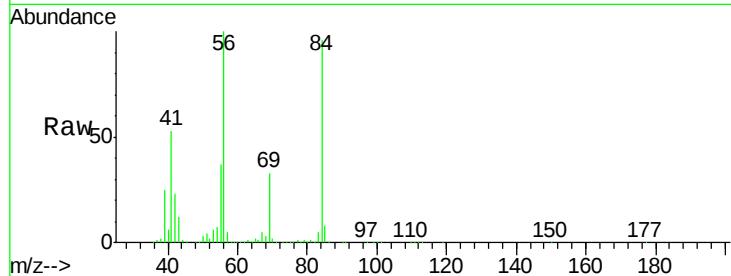
ClientSampleId :

FL-0570MS

Tot Ion	56	Resp	449136
Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.9	38.9
84	95.8	78.0	117.0

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#32

1,1,1-Trichloroethane

Concen: 49.355 ug/l

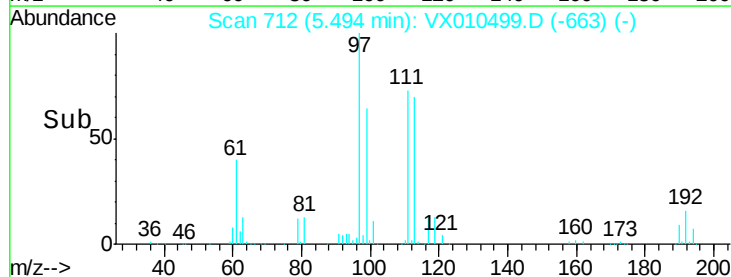
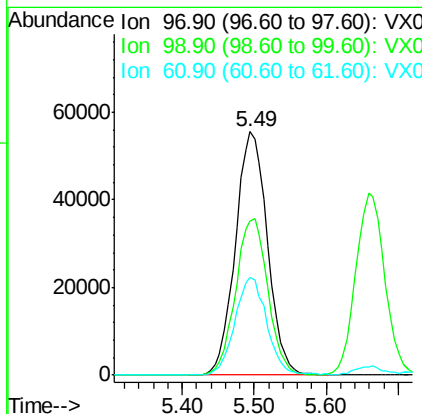
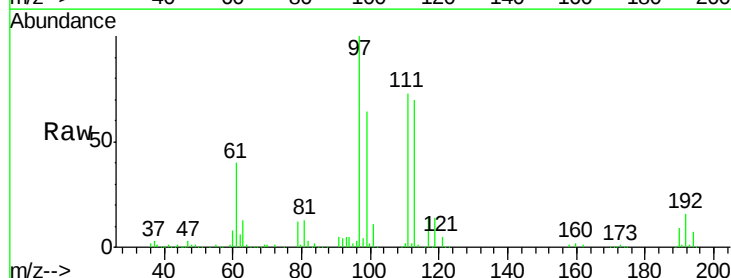
RT: 5.49 min Scan# 712

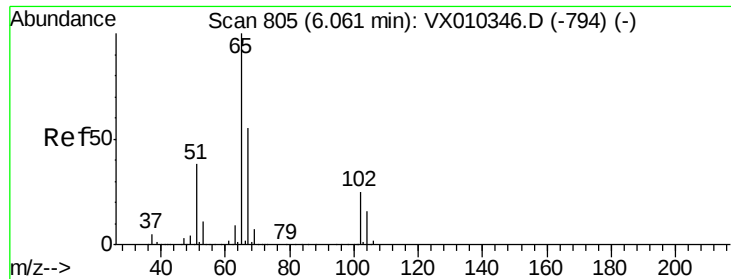
Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Tgt Ion	97	Resp	171424
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.8	77.8
61	39.7	32.1	48.1





#33

1,2-Dichloroethane-d4

Concen: 49.395 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampled :

FL-0570MS

Tot Ion: 65 Resp: 113848

Ion Ratio Lower Upper

65 100

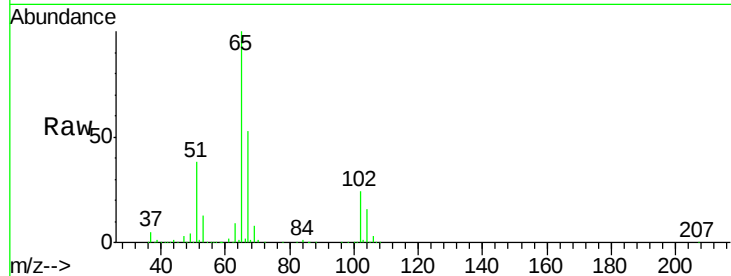
67 55.3 0.0 110.2

Manual Integrations

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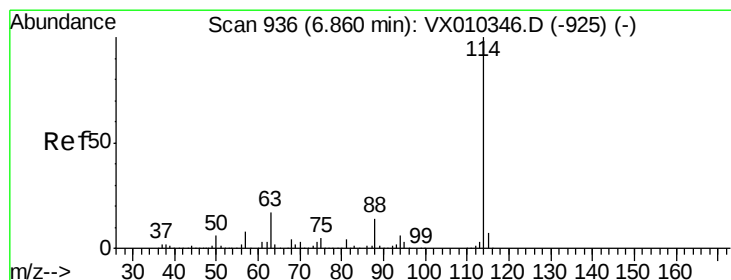
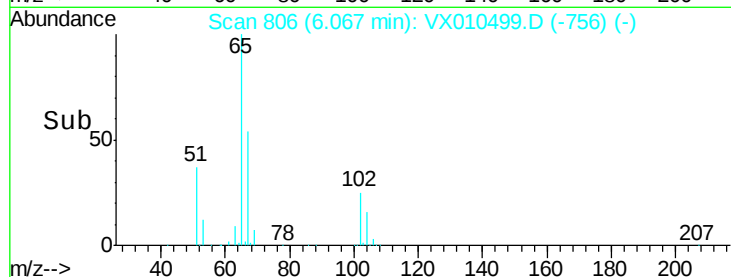
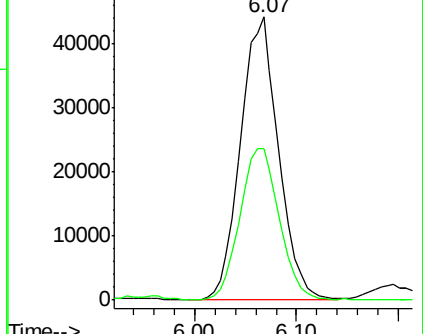
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

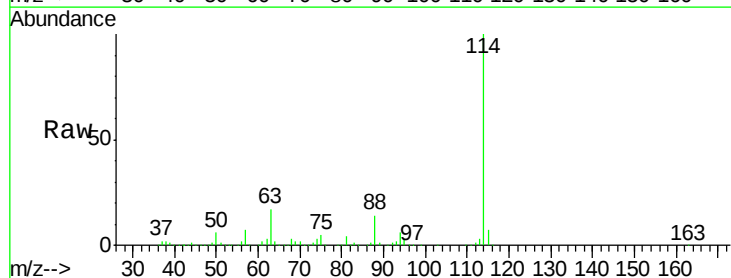
Tgt Ion: 114 Resp: 369018

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.8

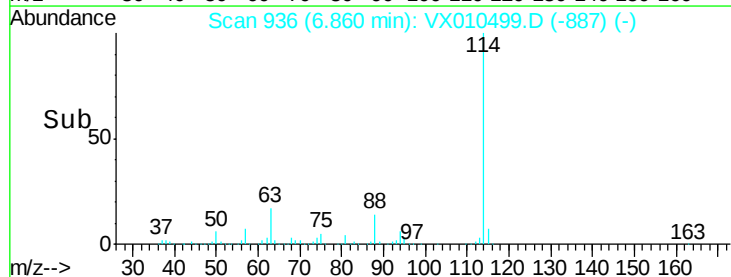
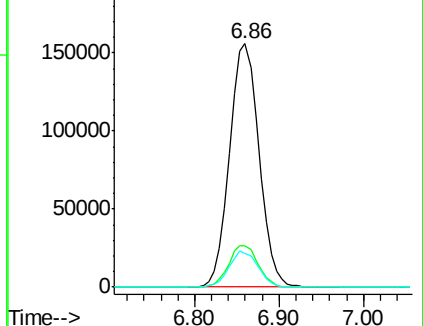
88 13.9 0.0 27.6

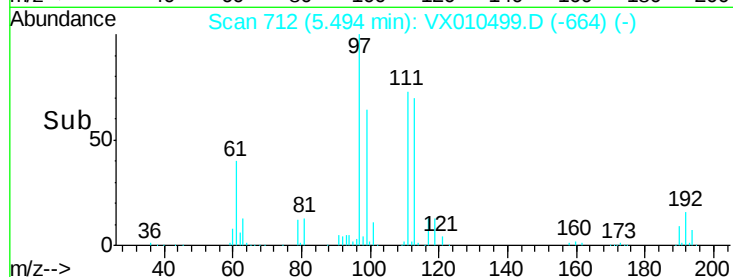
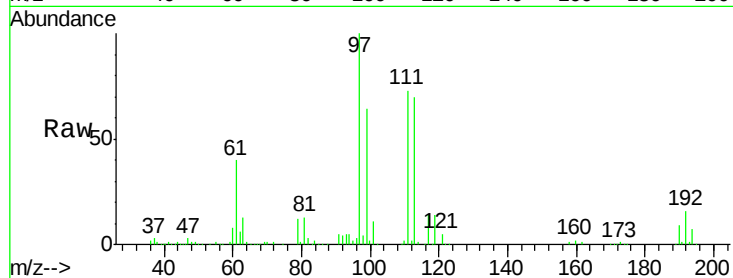
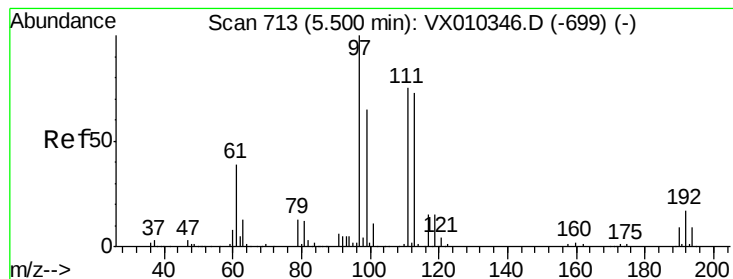


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.664 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Tot Ion:	113	Resp:	114388
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.2	121.8
192	23.1	18.6	27.8

Instrument :

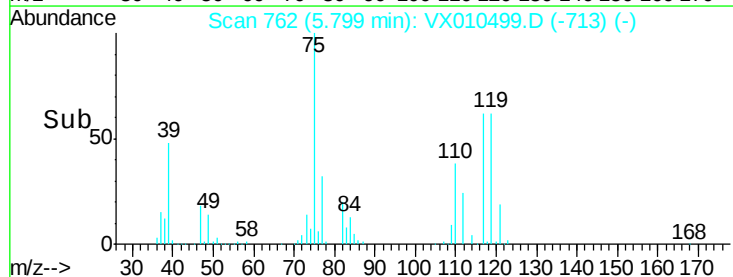
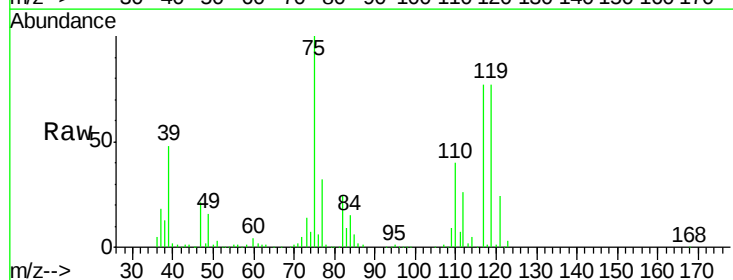
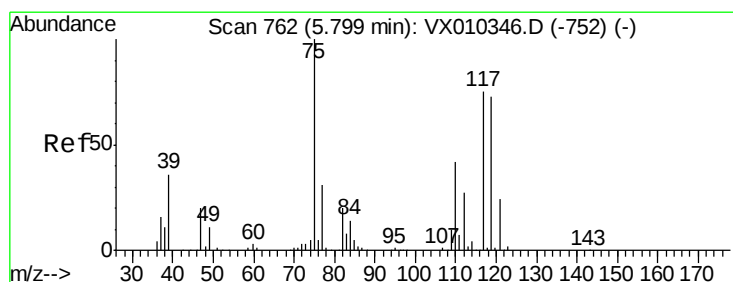
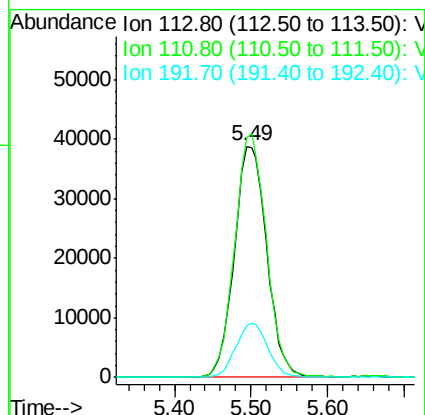
MSVOA_X

ClientSampled :

FL-0570MS

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#36

1,1-Dichloropropene

Concen: 47.499 ug/l

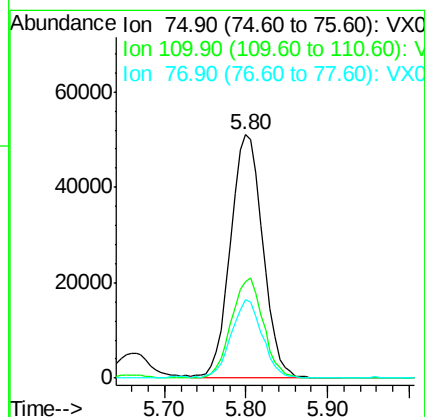
RT: 5.80 min Scan# 762

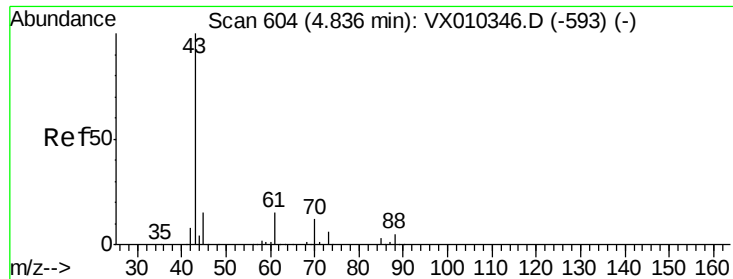
Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Tgt Ion:	75	Resp:	139287
Ion	Ratio	Lower	Upper
75	100		
110	40.7	20.8	62.2
77	30.5	25.4	38.0





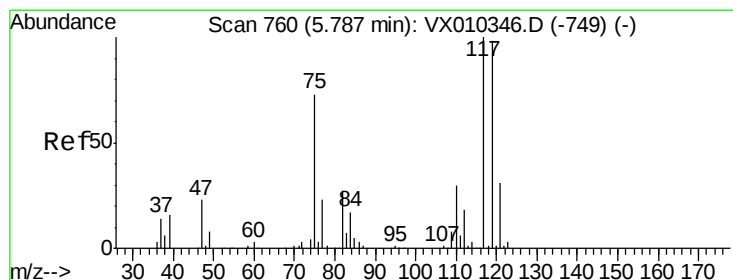
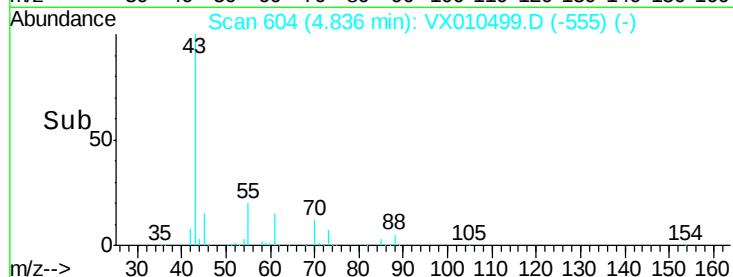
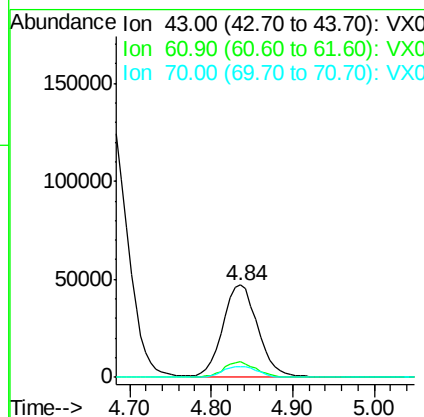
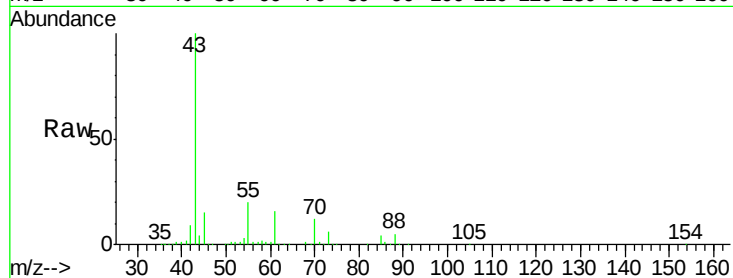
#37
Ethyl Acetate
Concen: 46.289 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0570MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.4	18.6
70	12.2	9.8	14.8

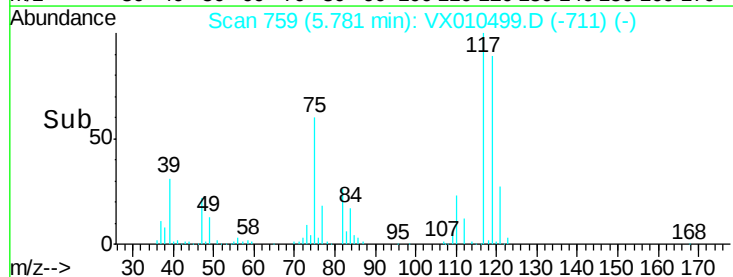
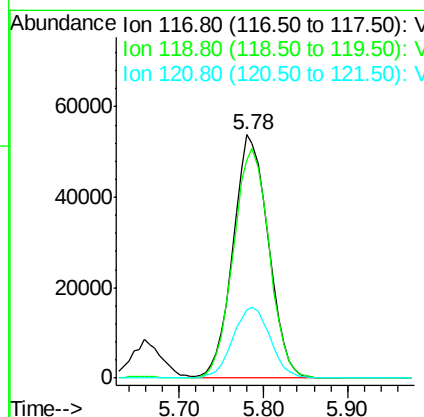
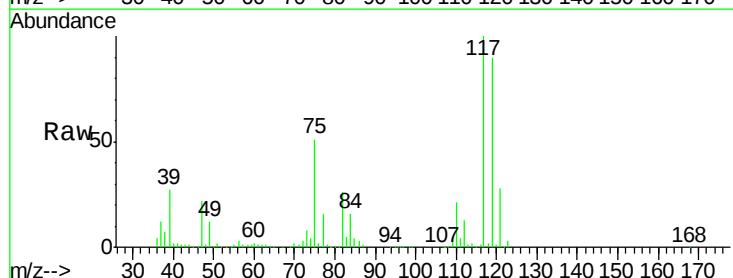
Manual Integrations
APPROVED

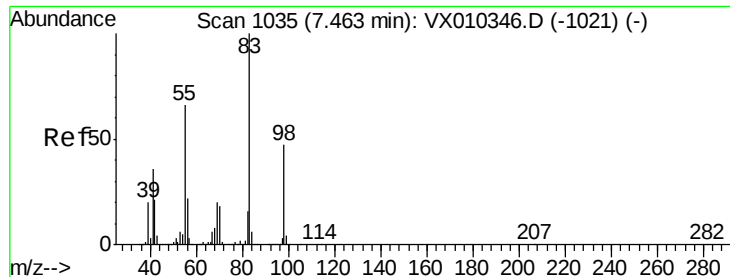
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#38
Carbon Tetrachloride
Concen: 48.001 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.5	78.2	117.4
121	28.3	24.7	37.1





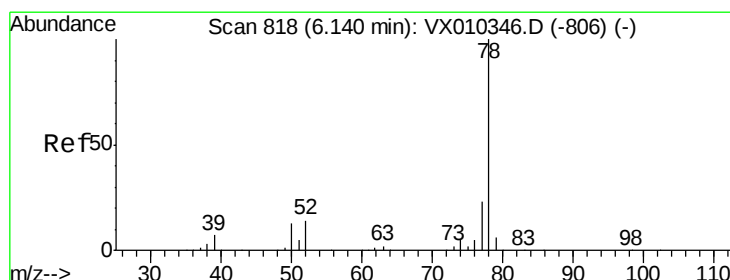
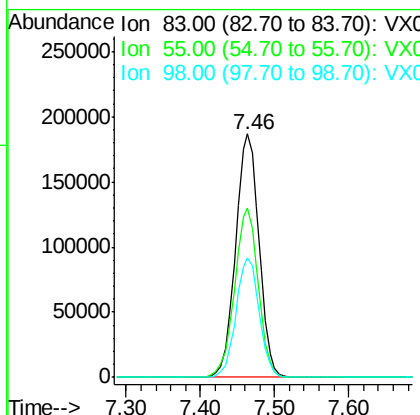
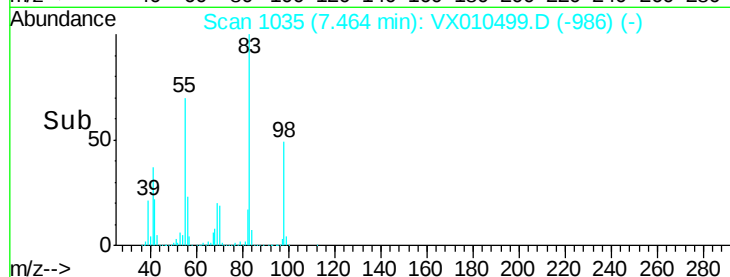
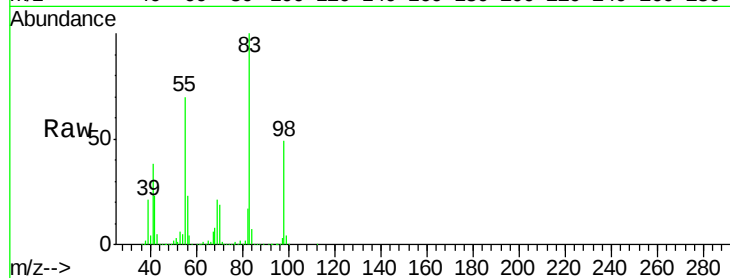
#39
Methvlcvclohexane
Concen: 106.754 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0570MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.8	53.0	79.6
98	49.2	37.8	56.8

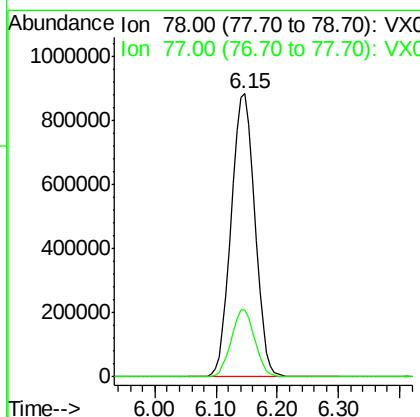
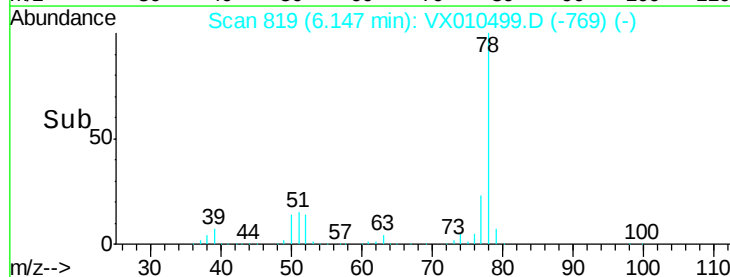
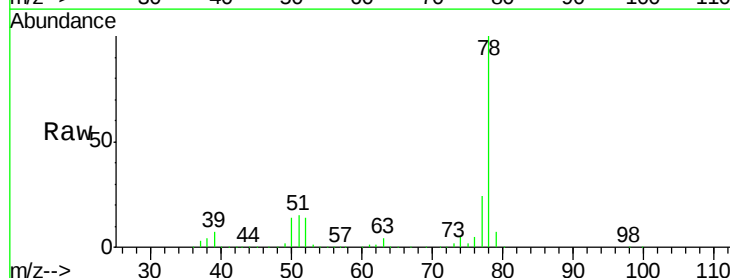
Manual Integrations
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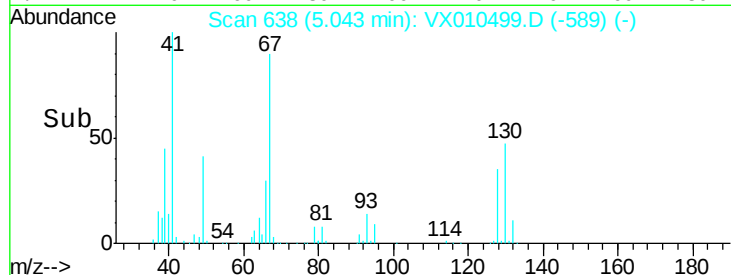
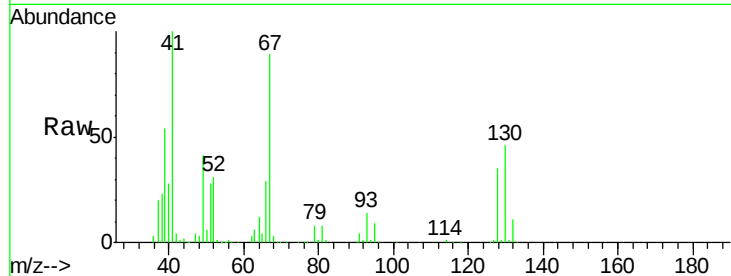
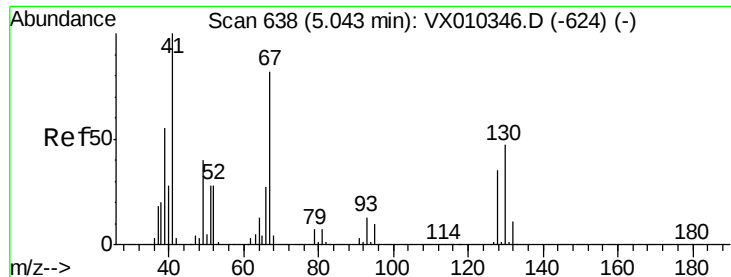
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#40
Benzene
Concen: 256.984 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.6	28.0





#41

Methacrylonitrile

Concen: 50.053 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		82849		
39	54.9	43.8	65.8		
67	84.5	66.6	100.0		
52	32.2	24.5	36.7		

Instrument :

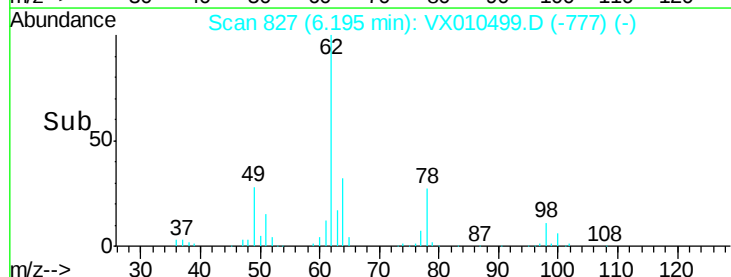
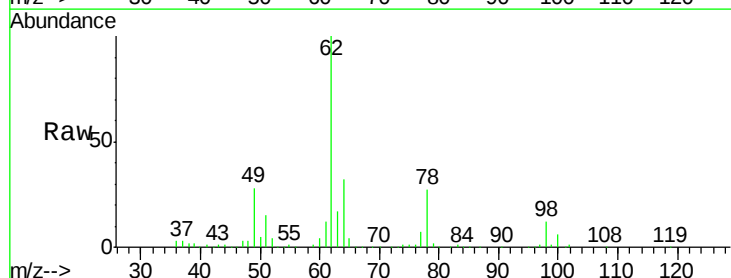
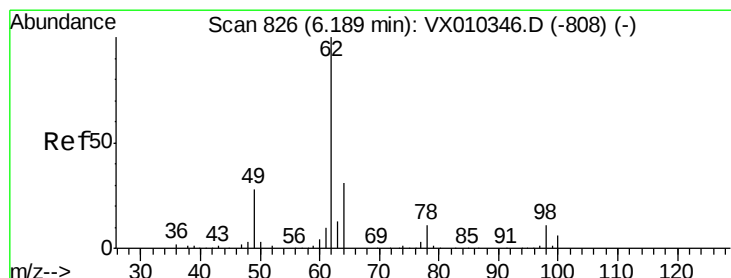
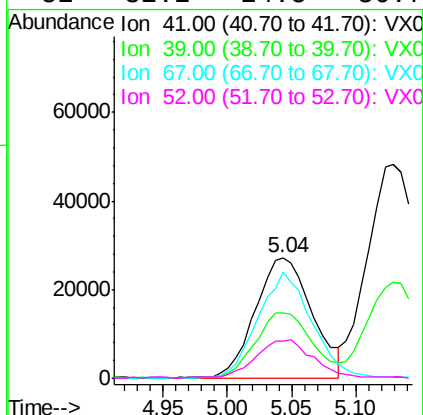
MSVOA_X

ClientSampled :

FL-0570MS

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 57.162 ug/l

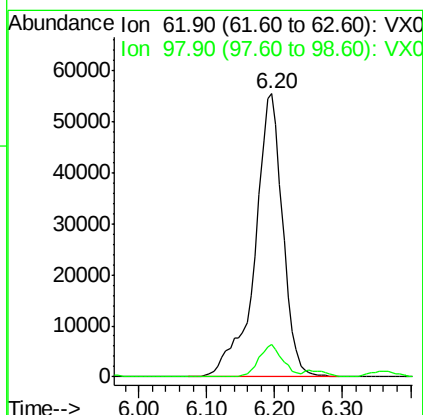
RT: 6.20 min Scan# 827

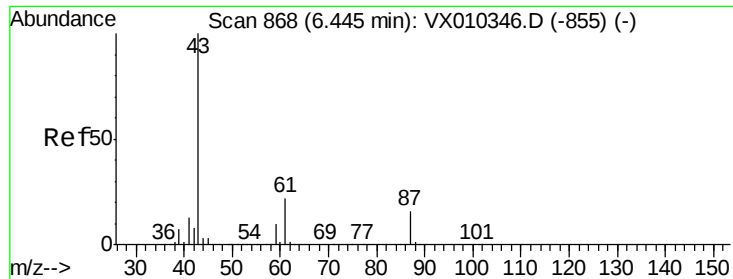
Delta R.T. 0.01 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		158965		
98	9.9	0.0	22.2		





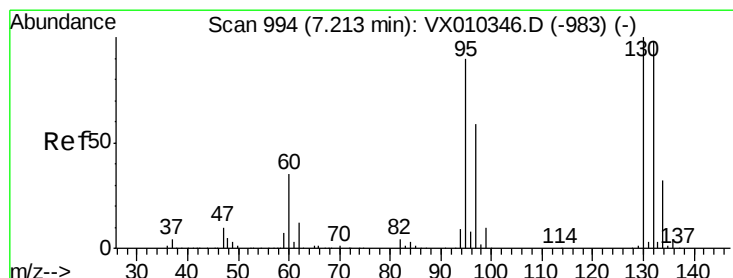
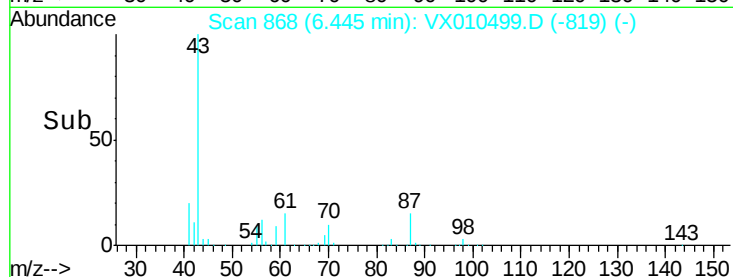
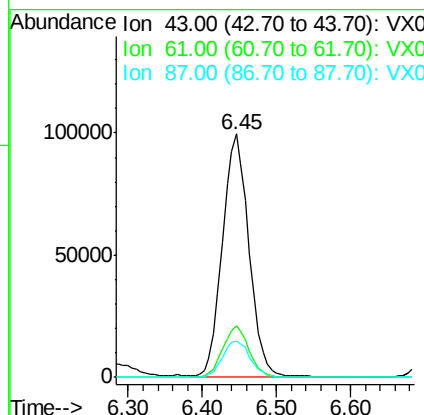
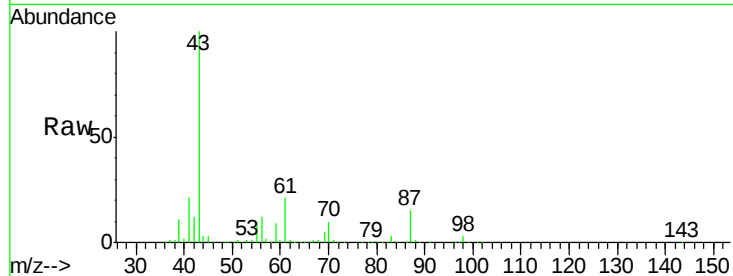
#43
Isopropyl Acetate
Concen: 49.286 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampled :
FL-0570MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	17.8	26.6
87	15.5	13.0	19.4

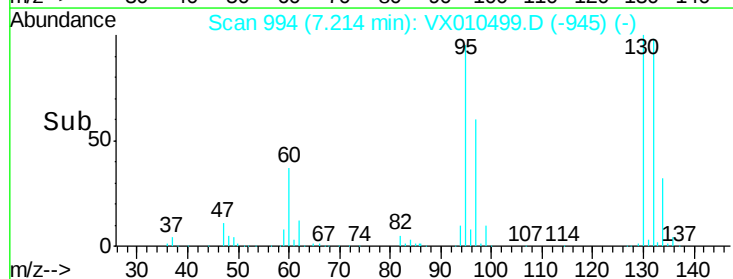
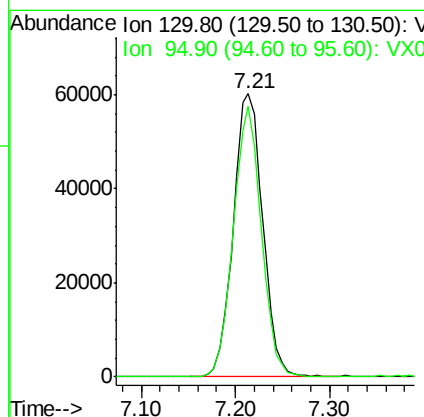
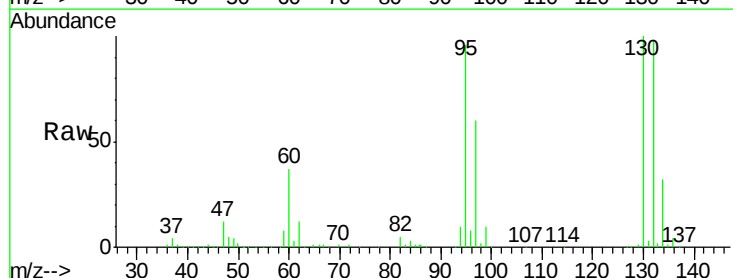
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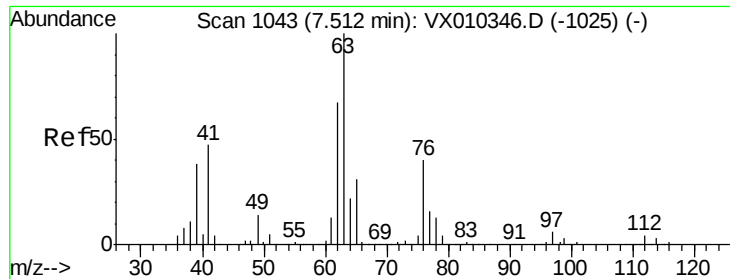
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#44
Trichloroethene
Concen: 47.821 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	180.8





#45

1,2-Dichloropropane

Concen: 50.138 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampled :

FL-0570MS

Tot Ion: 63 Resp: 115672

Ion Ratio Lower Upper

63 100

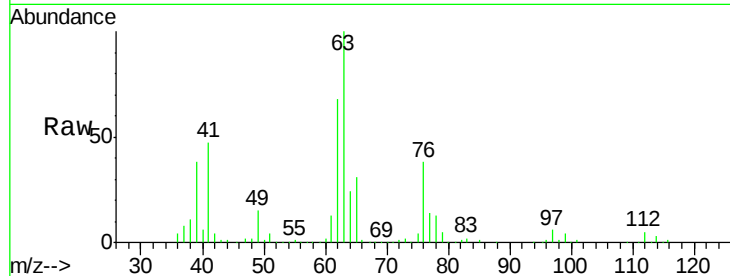
65 31.2 24.8 37.2

Manual Integrations

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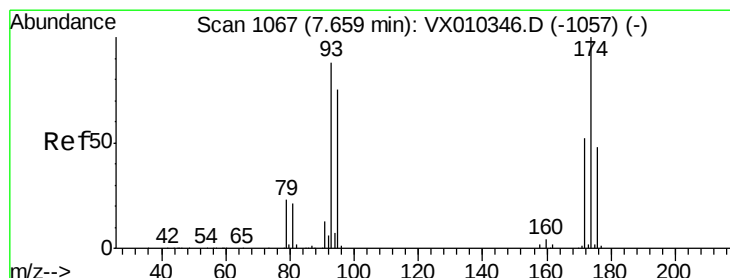
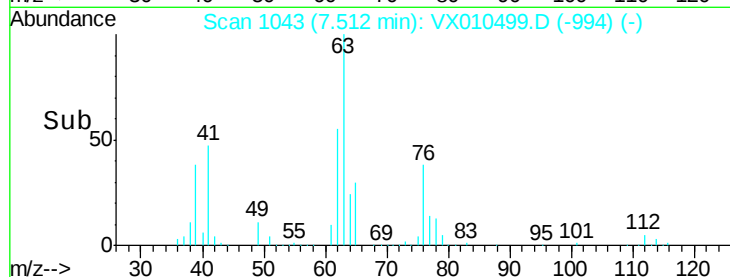
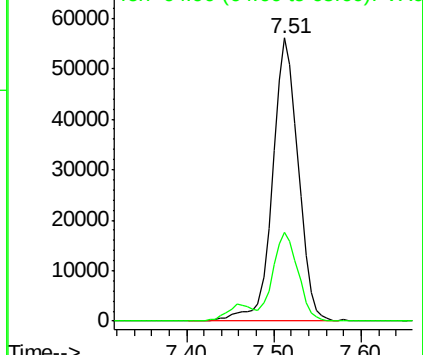
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.486 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

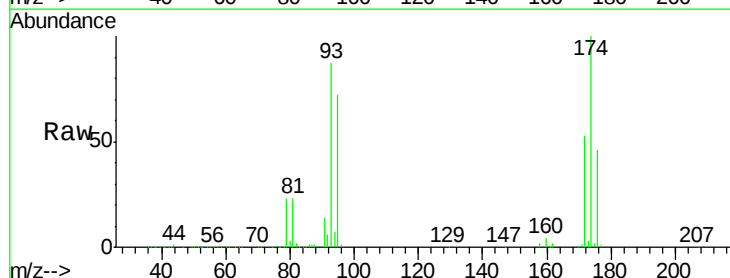
Tgt Ion: 93 Resp: 81913

Ion Ratio Lower Upper

93 100

95 84.2 67.5 101.3

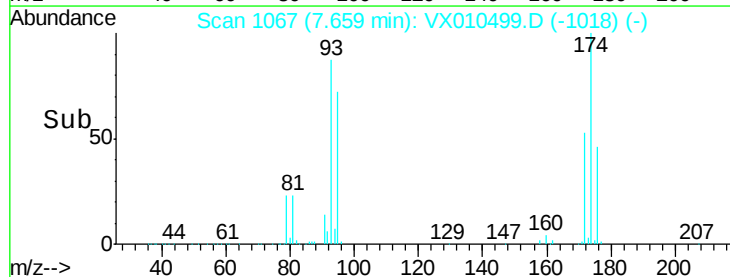
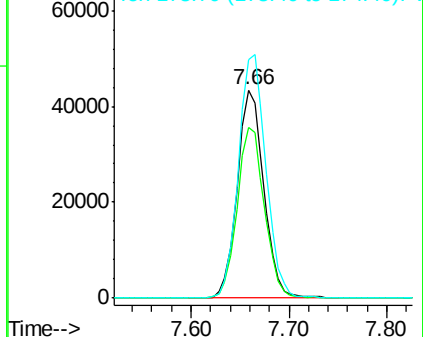
174 121.1 95.8 143.6

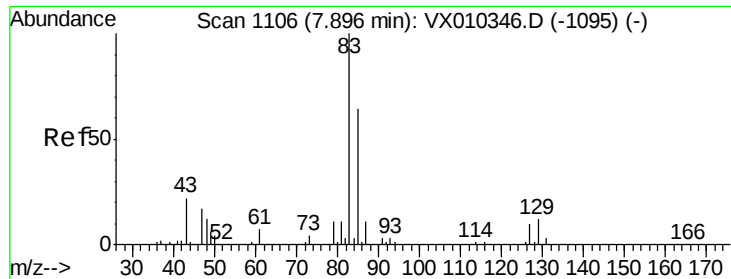


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





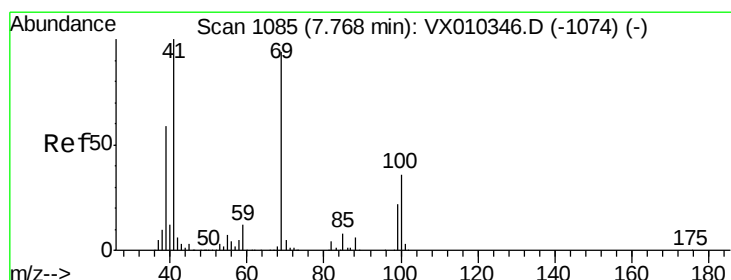
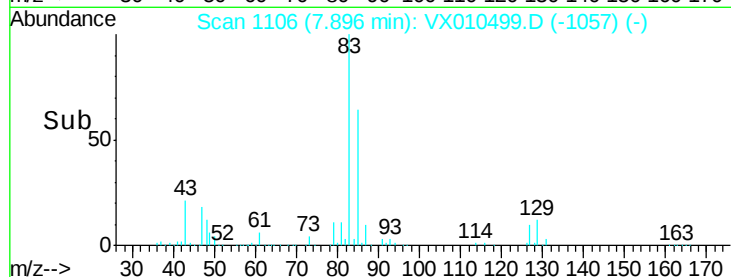
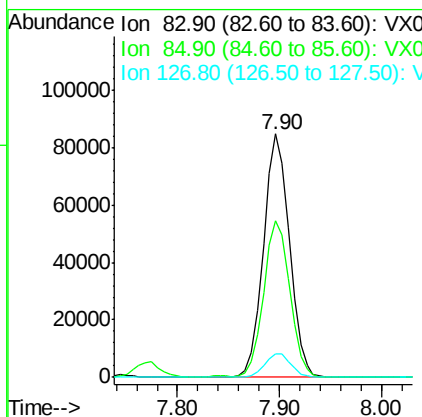
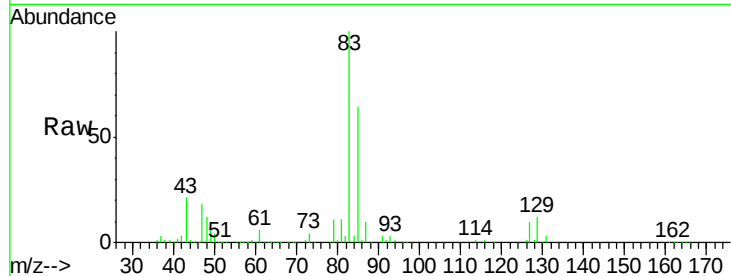
#47
Bromodichloromethane
Concen: 49.522 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampled :
FL-0570MS

Tot Ion	83	Resp	150224
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	51.5	77.3
127	9.6	7.8	11.8

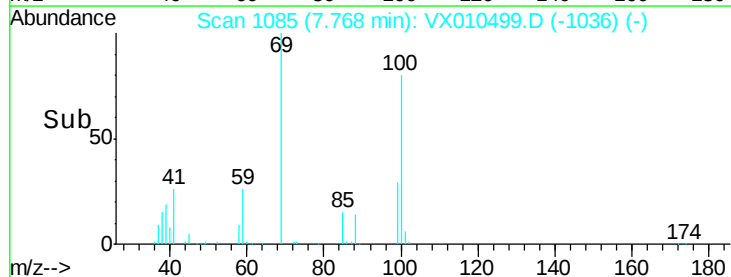
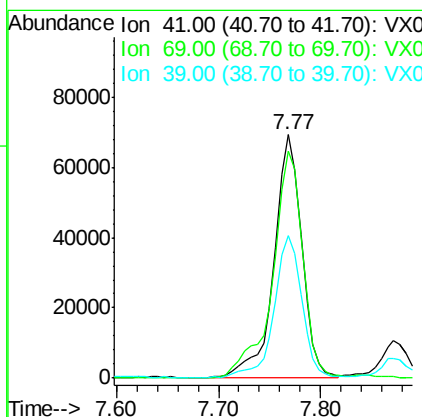
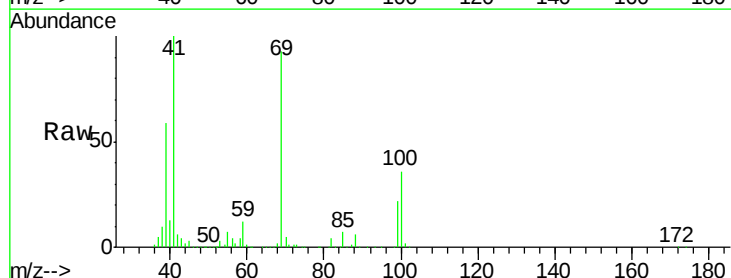
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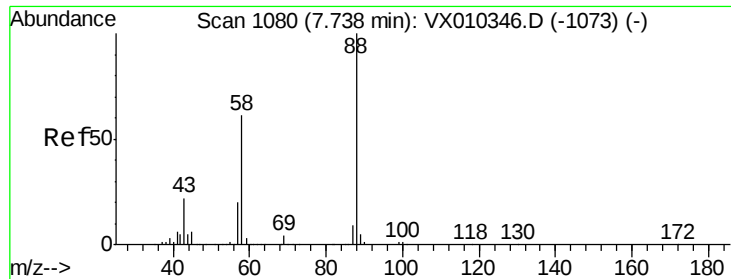
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#48
Methyl methacrylate
Concen: 55.823 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion	41	Resp	129508
Ion Ratio	100	Lower	Upper
41	100		
69	102.3	76.1	114.1
39	58.4	47.6	71.4





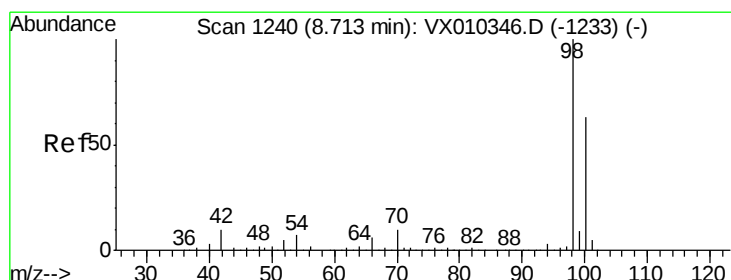
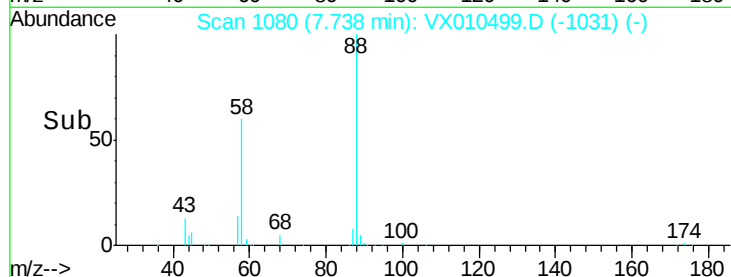
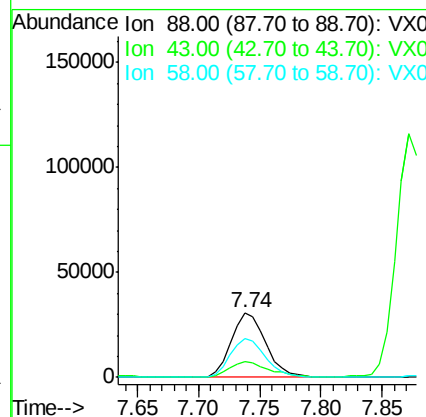
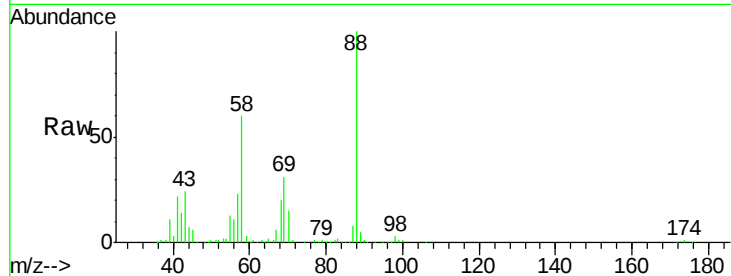
#49
1,4-Dioxane
Concen: 900.568 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0570MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.2	20.2	30.2
58	61.8	49.5	74.3

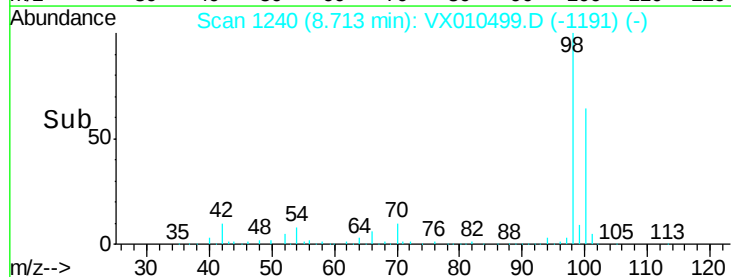
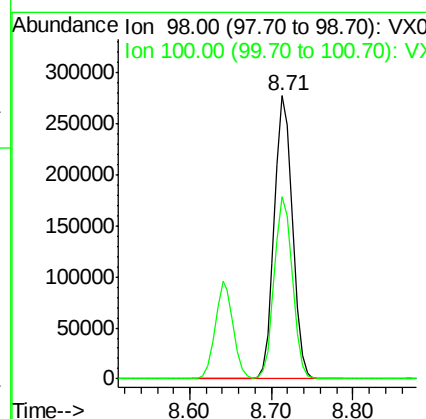
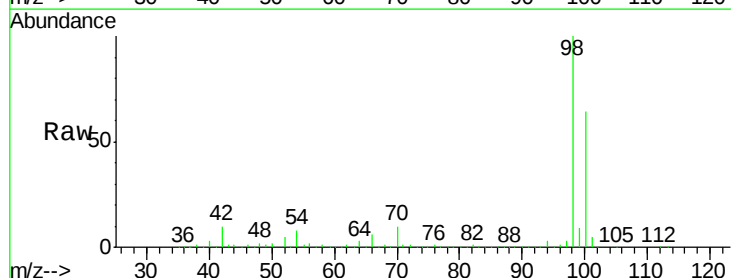
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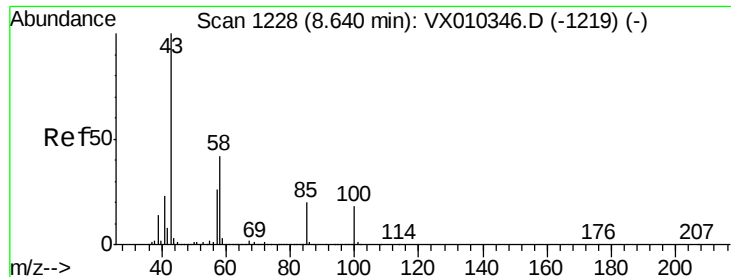
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#50
Toluene-d8
Concen: 49.717 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.6	77.4





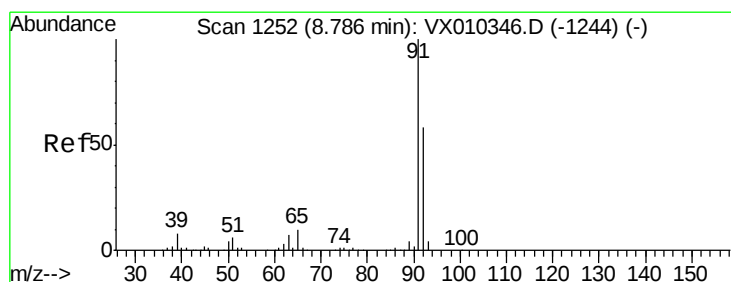
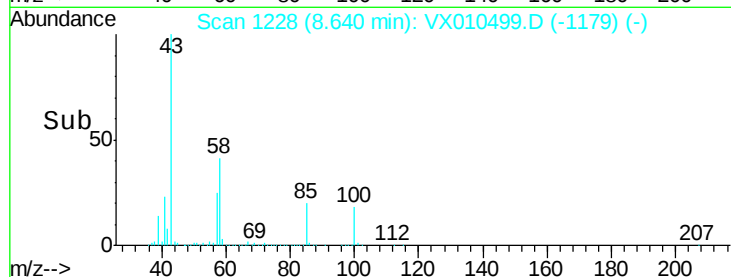
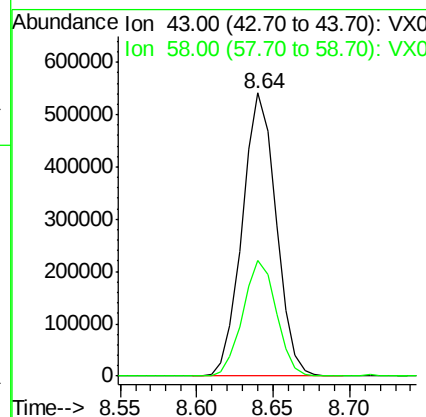
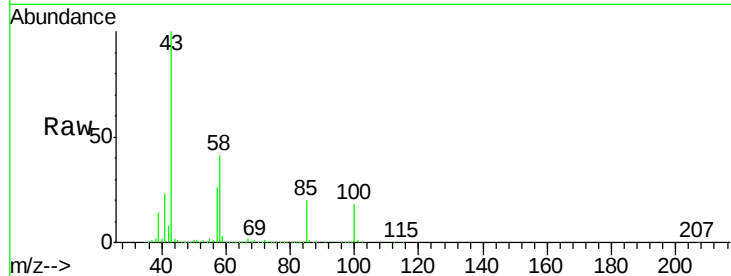
#51
4-Methyl-2-Pentanone
Concen: 260.837 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0570MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.7	33.5	50.3

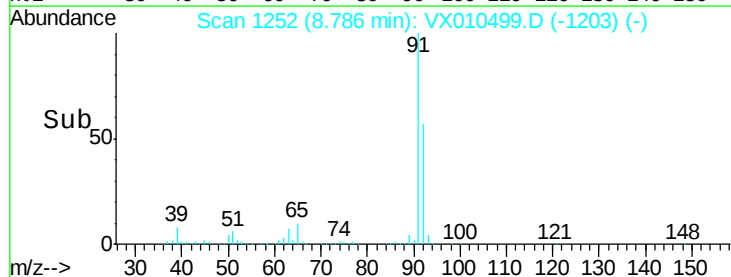
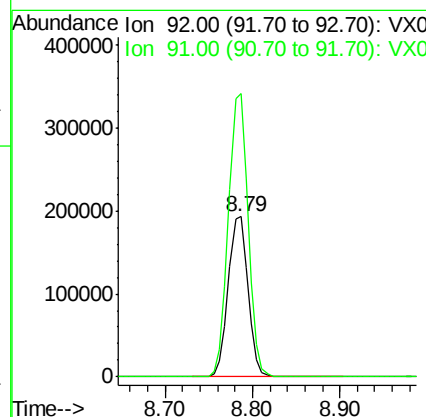
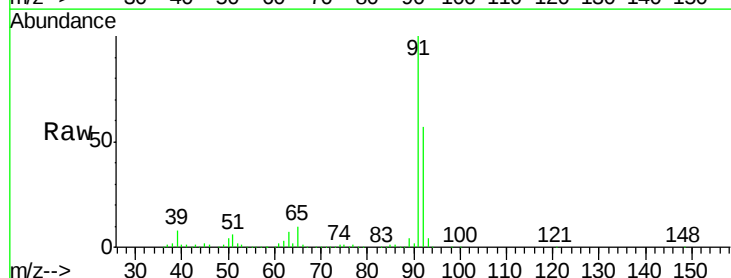
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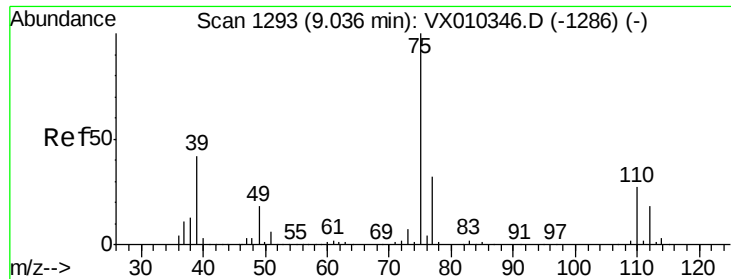
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#52
Toluene
Concen: 50.371 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.1	139.8	209.6





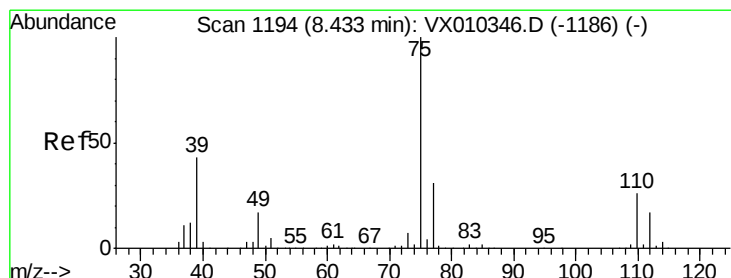
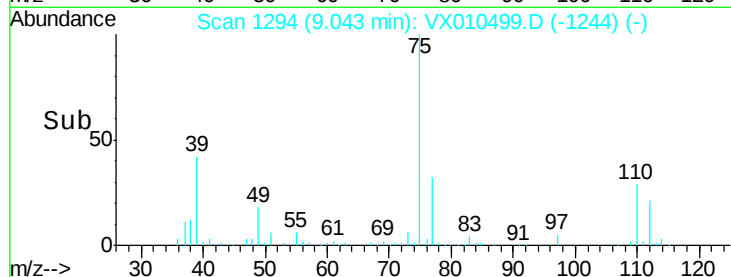
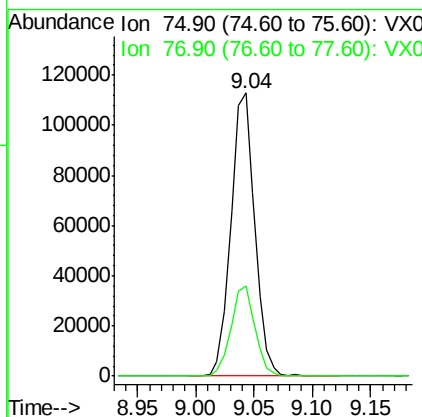
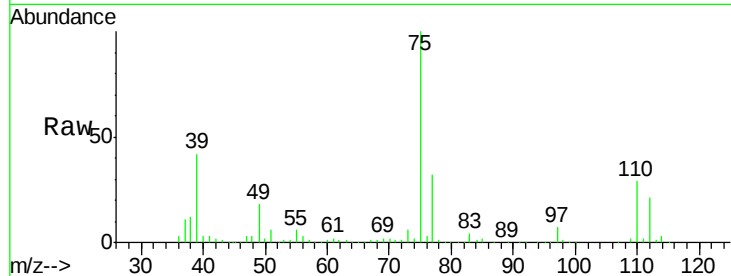
#53
t-1,3-Dichloropropene
Concen: 47.491 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0570MS

Tot Ion: 75 Resp: 161514
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

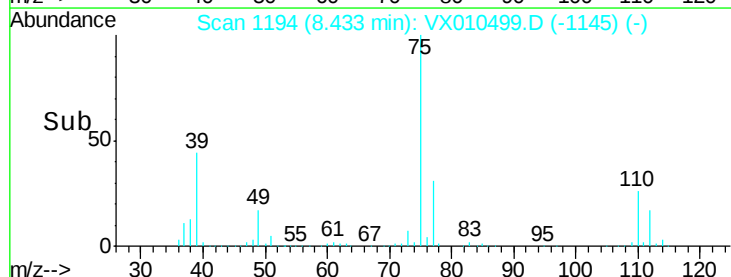
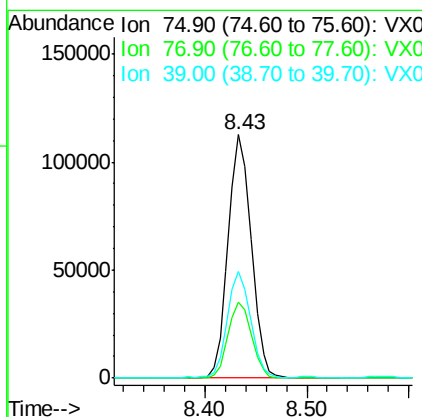
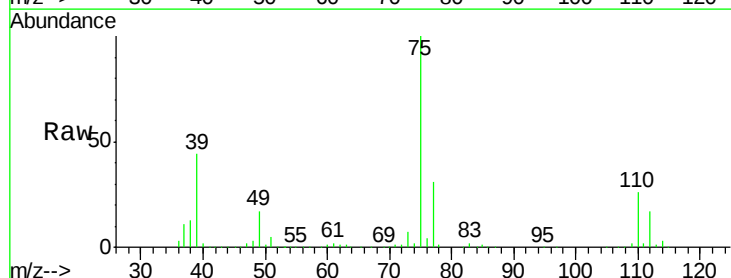
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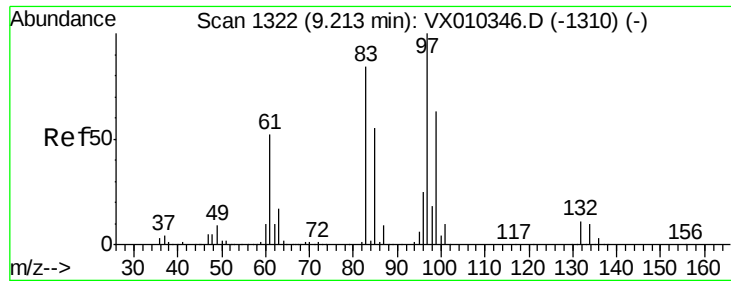
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#54
cis-1,3-Dichloropropene
Concen: 48.080 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion: 75 Resp: 177699
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
39 43.8 34.5 51.7





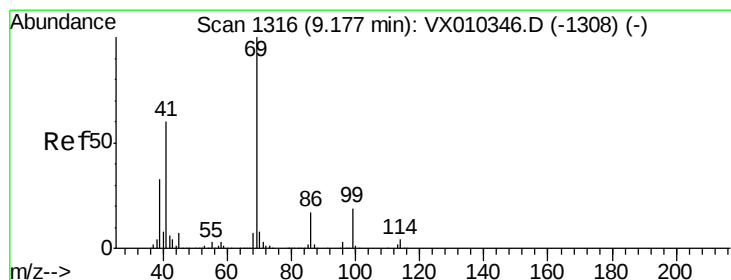
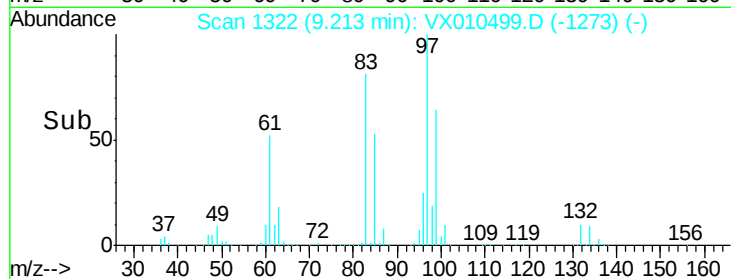
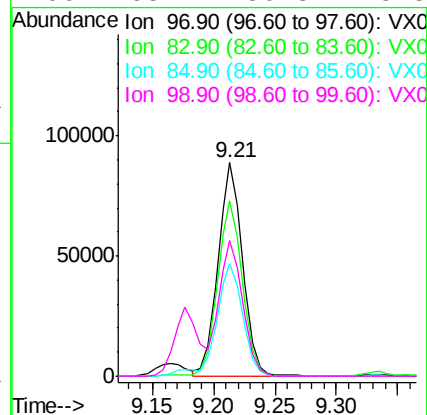
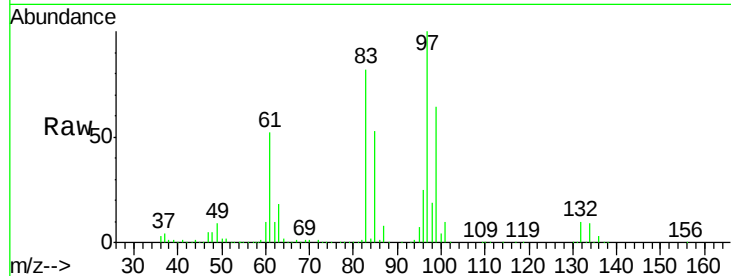
#55
 1,1,2-Trichloroethane
 Concen: 50.009 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0570MS

Tot Ion:	97	Resp:	124085
Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.4	101.0
85	52.9	43.8	65.8
99	63.4	50.3	75.5

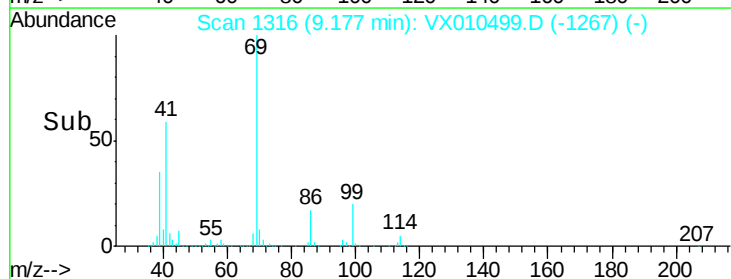
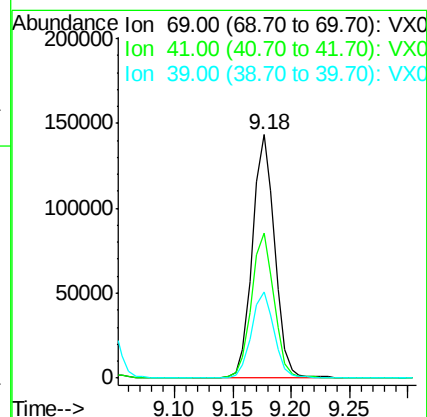
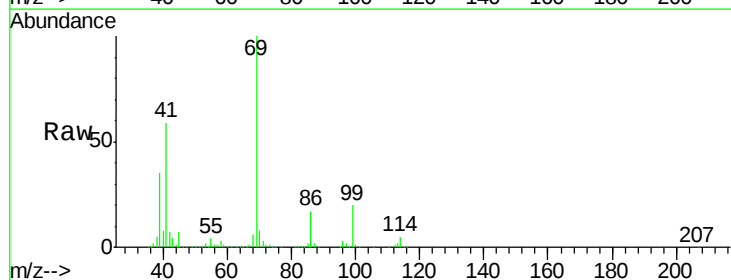
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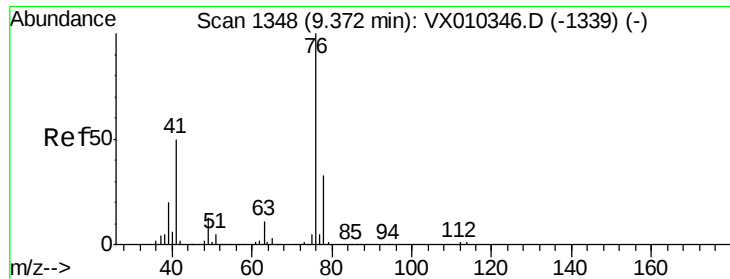
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#56
 Ethyl methacrylate
 Concen: 51.175 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Tgt Ion:	69	Resp:	192355
Ion	Ratio	Lower	Upper
69	100		
41	60.3	47.1	70.7
39	35.8	26.6	40.0





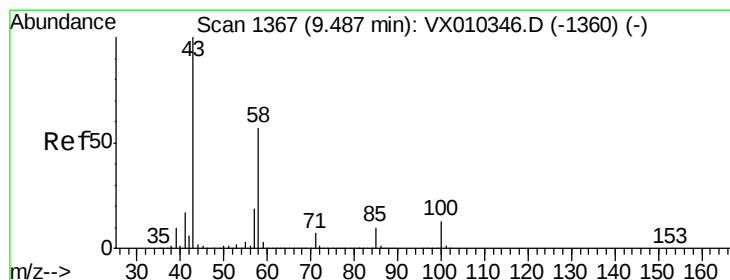
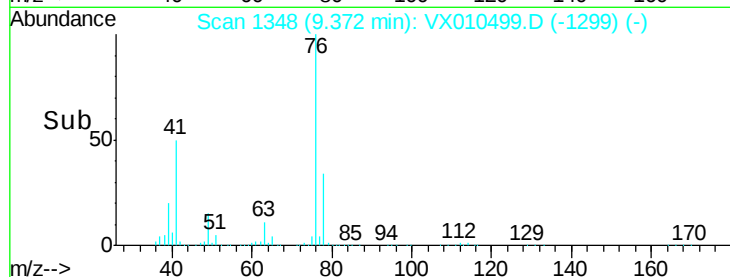
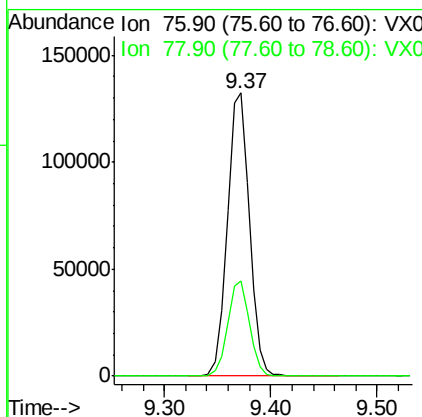
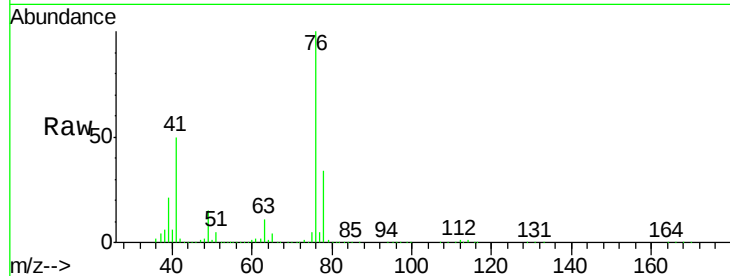
#57
 1,3-Dichloropropane
 Concen: 49.859 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0570MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.3	26.1	39.1

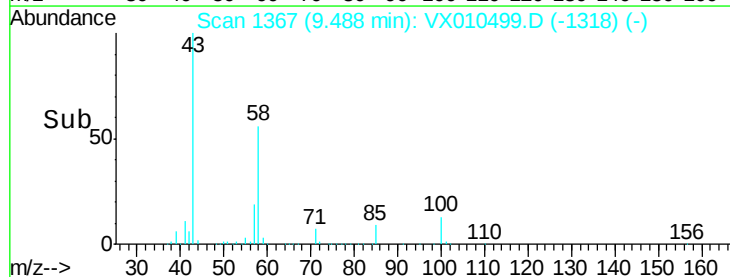
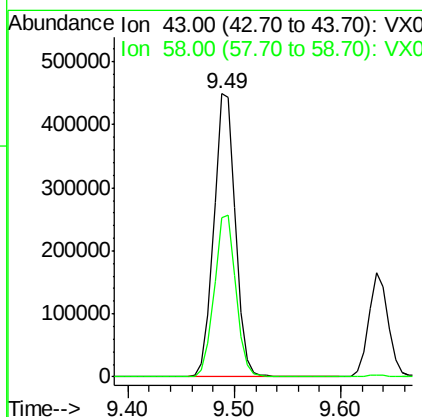
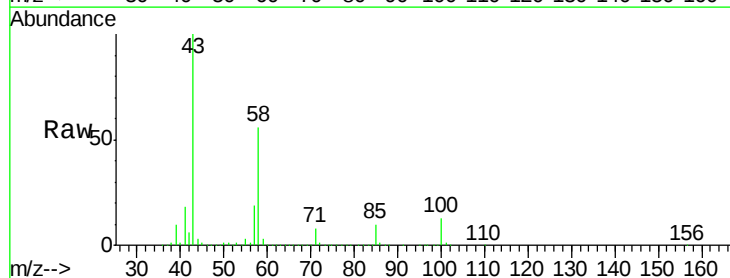
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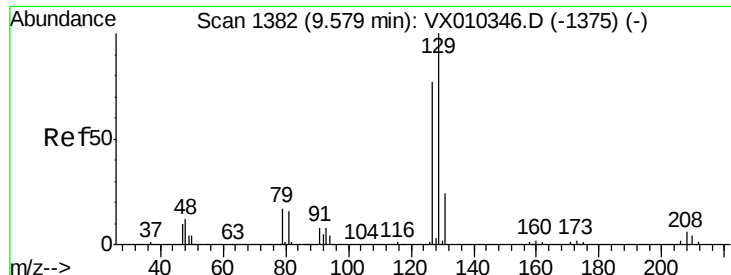
MMDadoda
 6/28/2019 10:38:25 AM



#59
 2-Hexanone
 Concen: 247.823 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	57.8	29.0	87.1





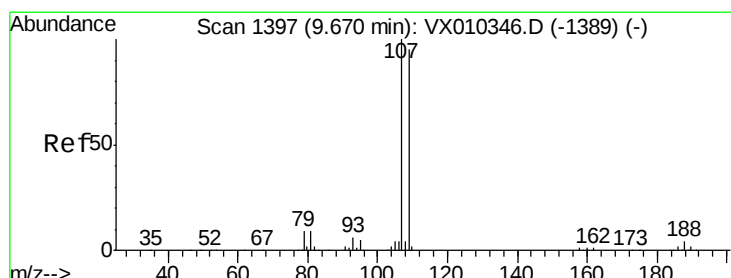
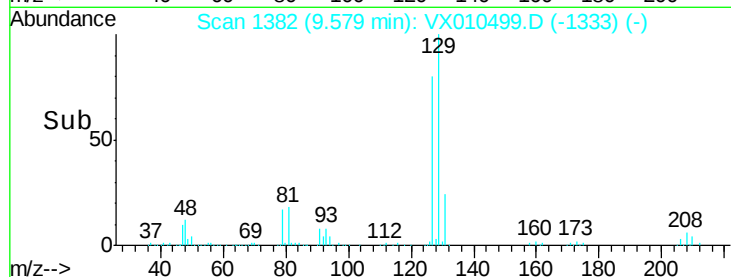
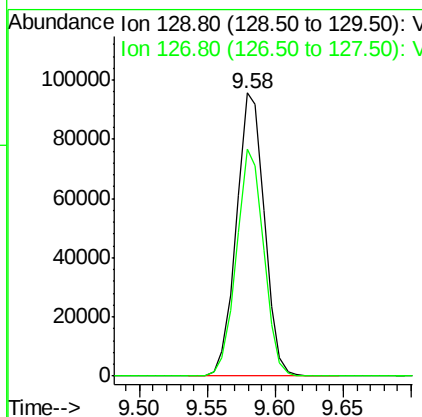
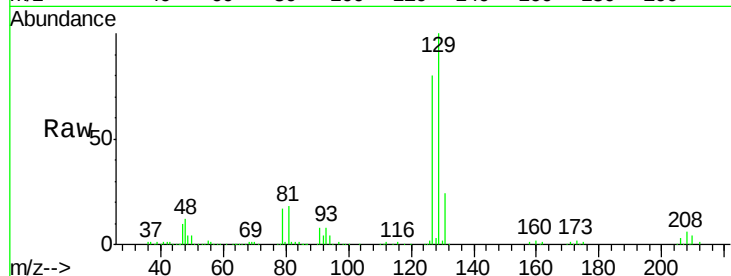
#60
Dibromochloromethane
Concen: 49.313 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0570MS

Tot Ion:129 Resp: 137000
Ion Ratio Lower Upper
129 100
127 78.2 38.4 115.1

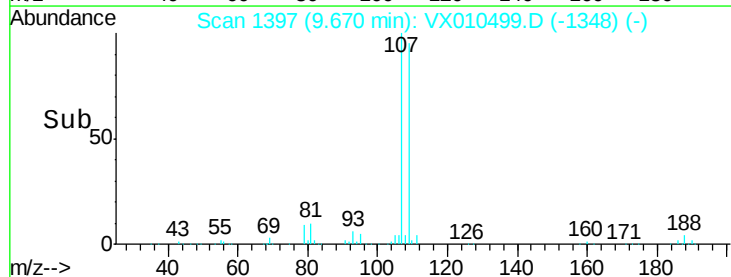
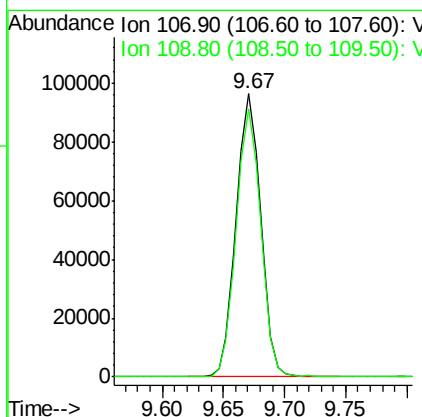
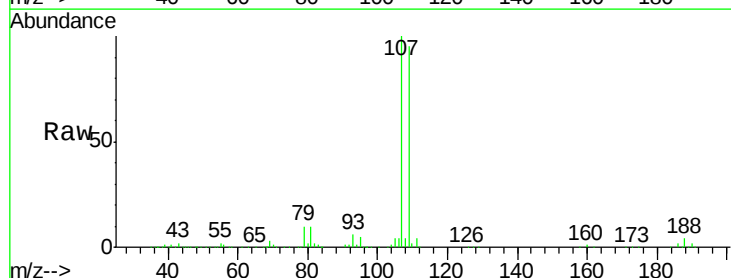
Manual Integrations
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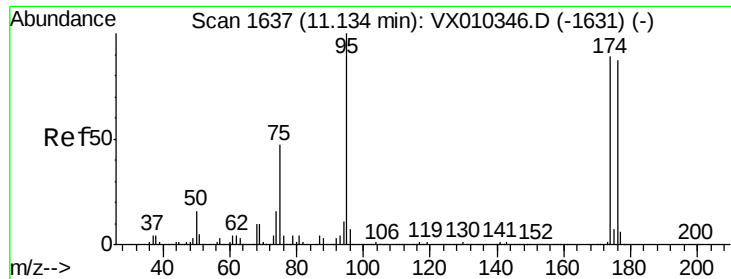
MMDadoda
6/28/2019 10:38:25 AM



#61
1,2-Dibromoethane
Concen: 50.105 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion:107 Resp: 134192
Ion Ratio Lower Upper
107 100
109 94.9 75.8 113.6





#62

4-Bromofluorobenzene

Concen: 50.669 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

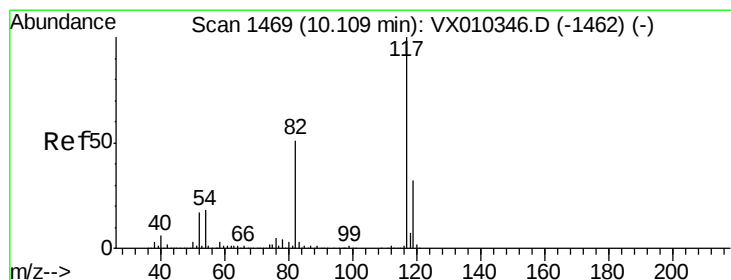
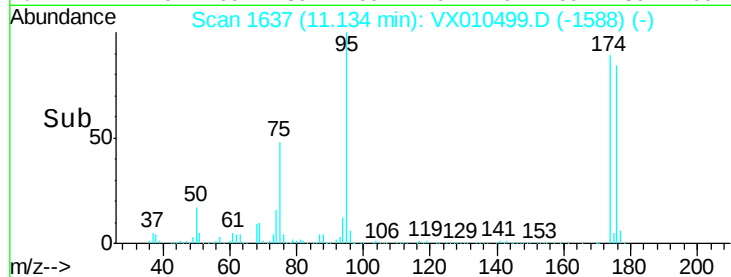
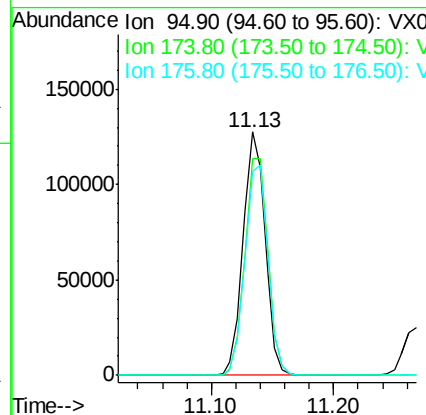
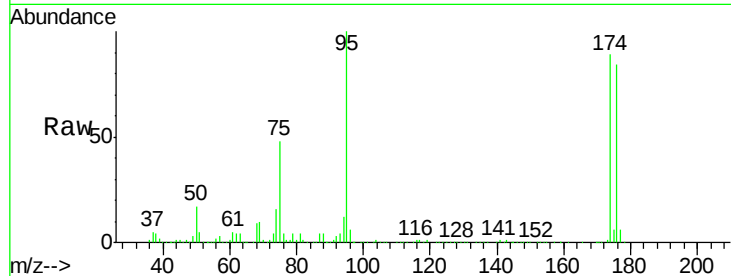
ClientSampled :

FL-0570MS

Tot Ion:	95	Resp:	158011
Ion Ratio	Lower	Upper	
95	100		
174	94.2	0.0	187.6
176	90.8	0.0	184.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

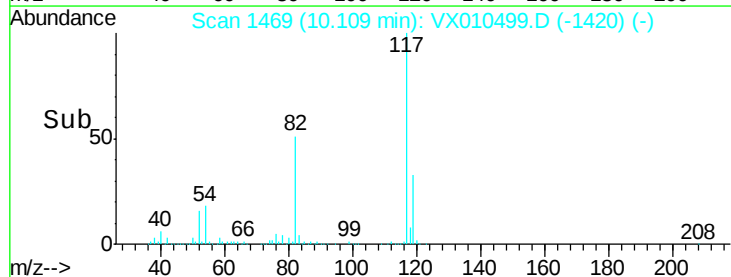
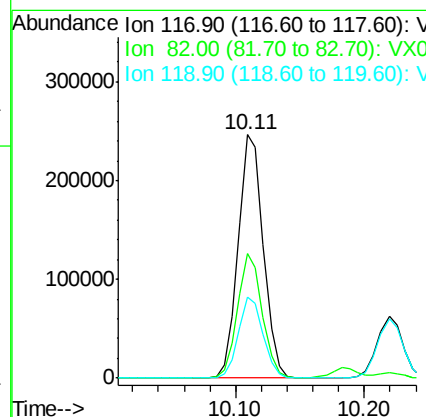
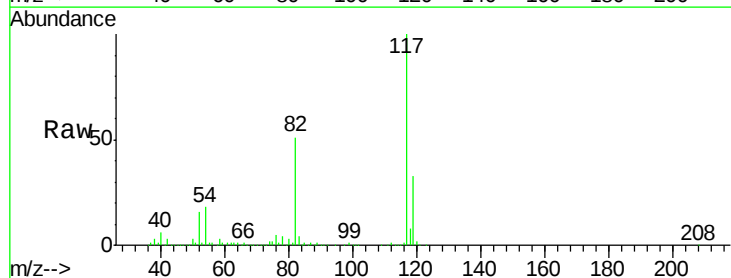
RT: 10.11 min Scan# 1469

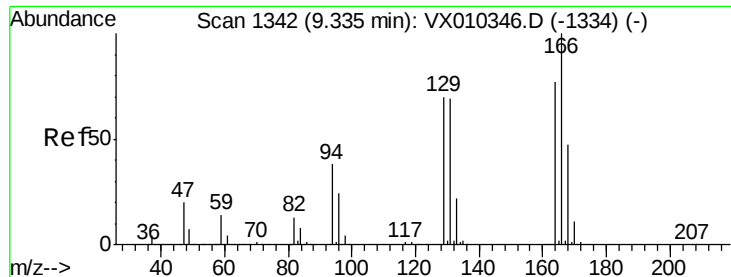
Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Tgt Ion:	117	Resp:	335925
Ion Ratio	Lower	Upper	
117	100		
82	51.0	41.2	61.8
119	33.1	25.5	38.3





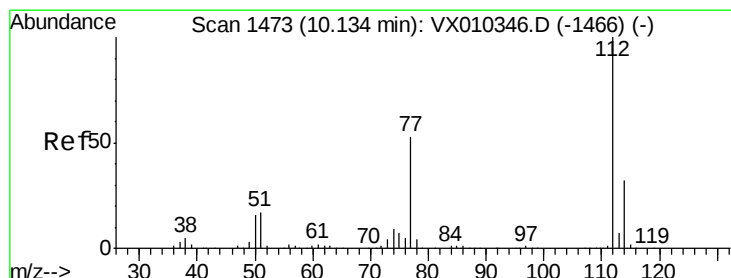
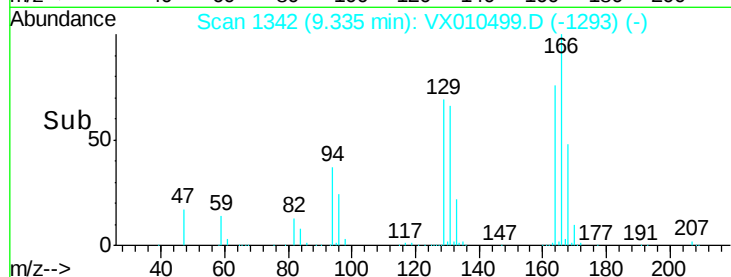
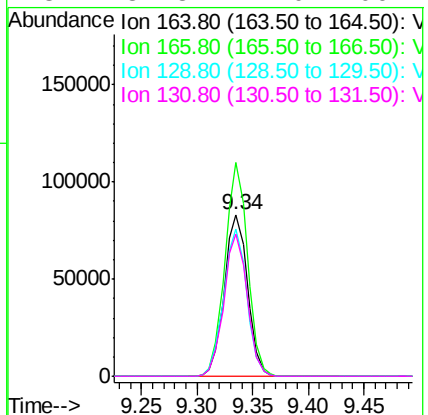
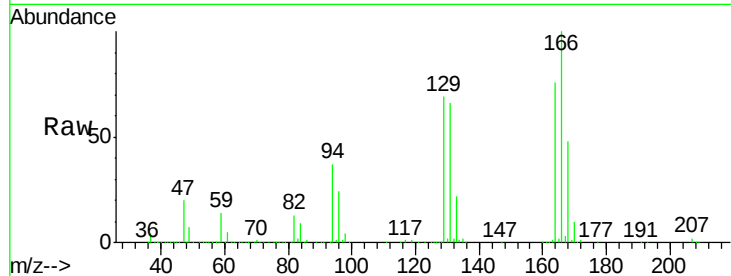
#64
Tetrachloroethene
Concen: 44.172 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0570MS

Tot Ion	164	166	129	131
Ratio	100	132.2	91.0	87.8
Lower		103.6	73.0	71.0
Upper		155.4	109.4	106.4

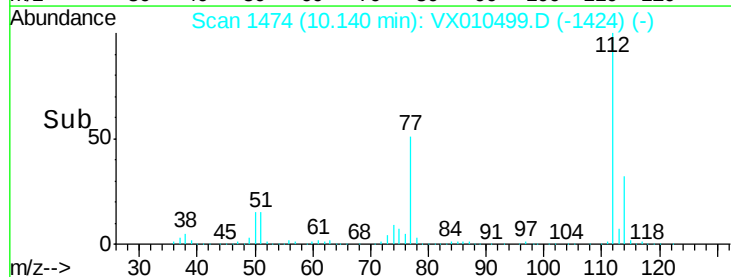
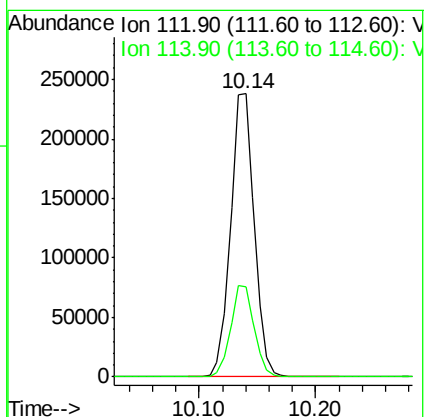
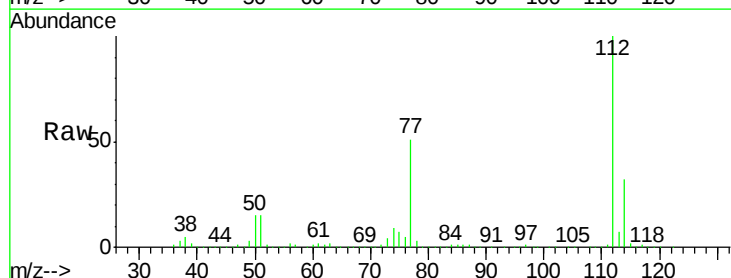
Manual Integrations
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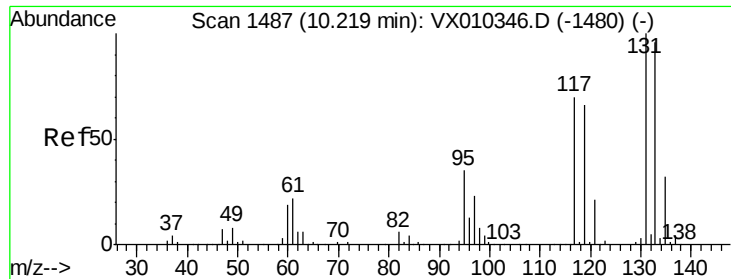
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#65
Chlorobenzene
Concen: 49.418 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion	112	114
Ratio	100	31.8
Lower		25.4
Upper		38.2





#66

1,1,1,2-Tetrachloroethane

Concen: 50.760 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

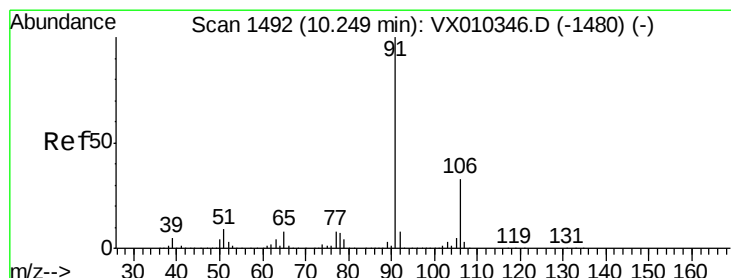
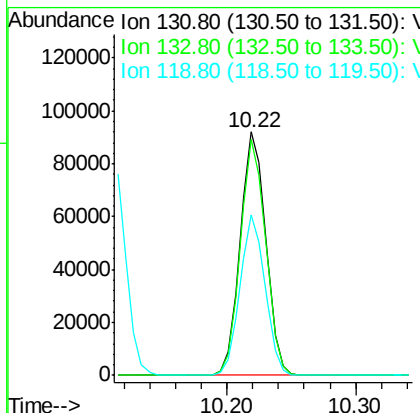
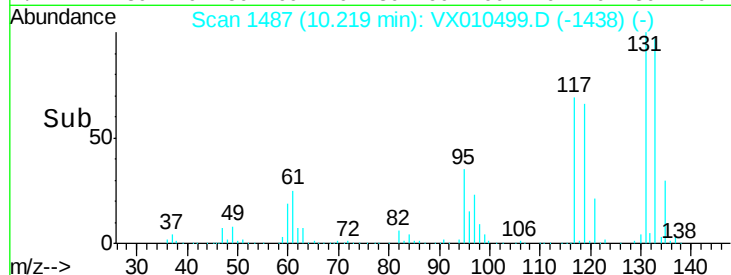
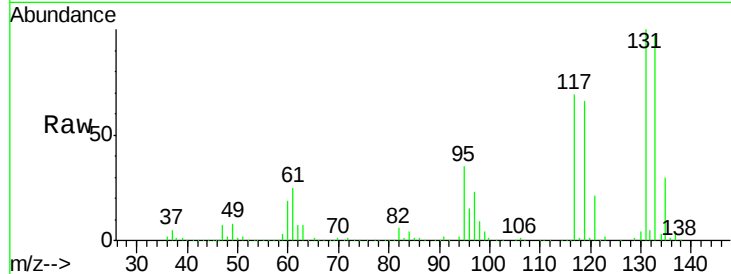
ClientSampleId :

FL-0570MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.7	143.1
119	64.9	32.6	97.7

Manual Integrations
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#67

Ethyl Benzene

Concen: 275.425 ug/l

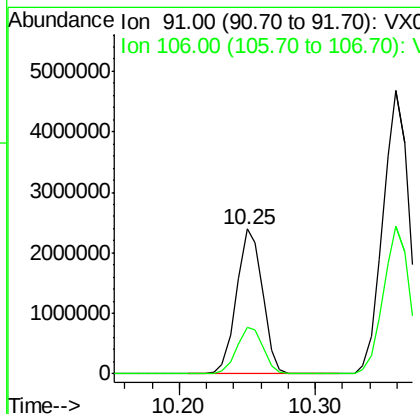
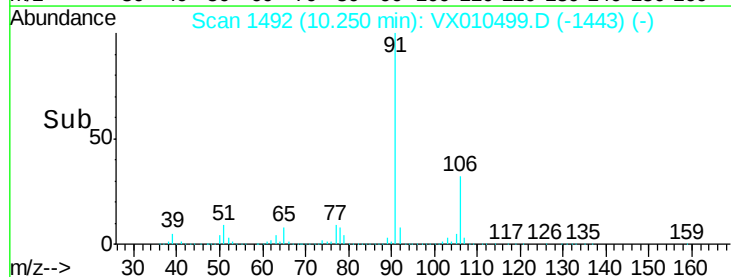
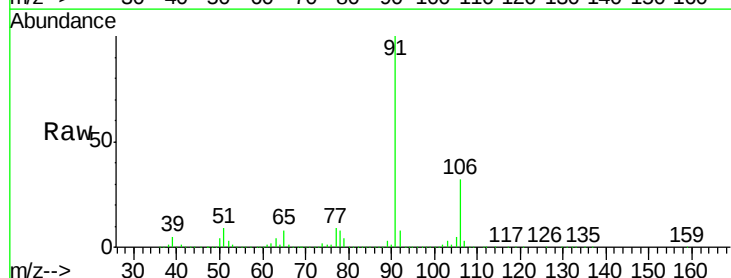
RT: 10.25 min Scan# 1492

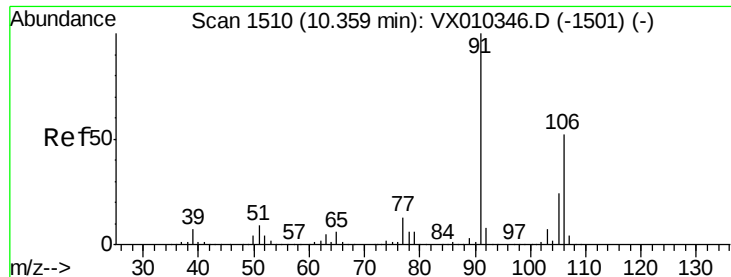
Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.4	26.2	39.2





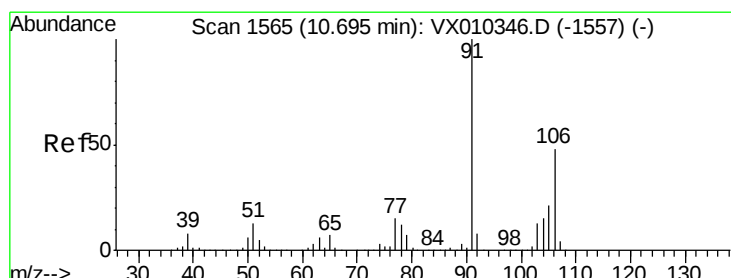
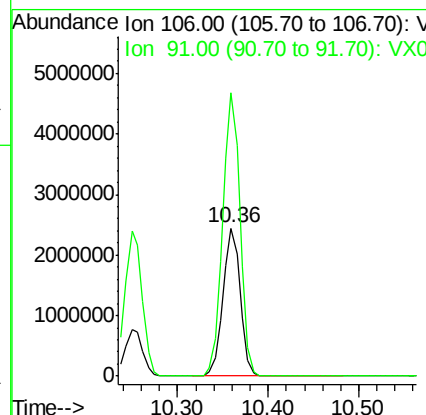
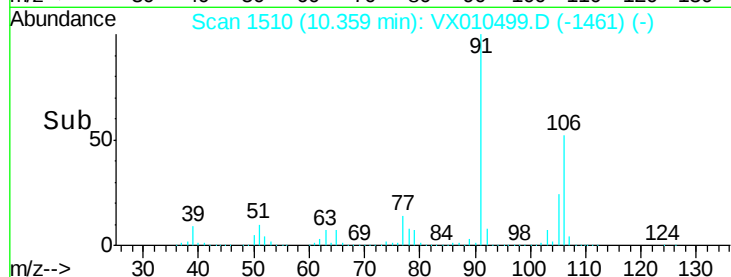
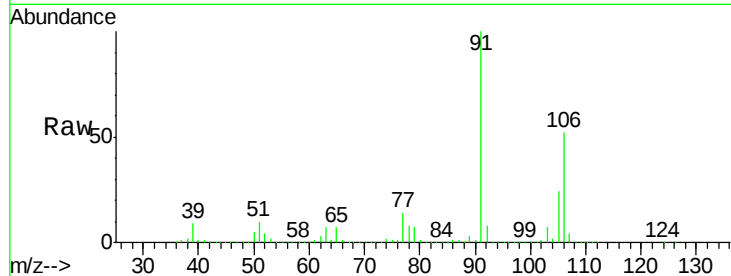
#68
m/p-Xylenes
Concen: 724.023 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampled :
FL-0570MS

Tot Ion:106 Resp: 3230013
Ion Ratio Lower Upper
106 100
91 193.8 155.3 232.9

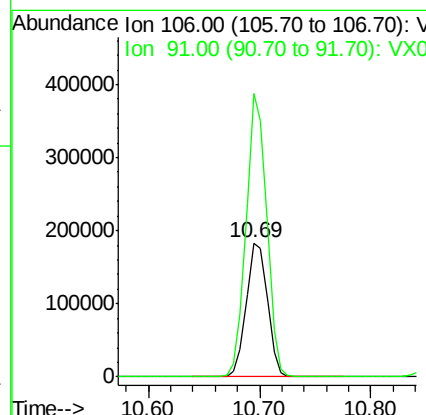
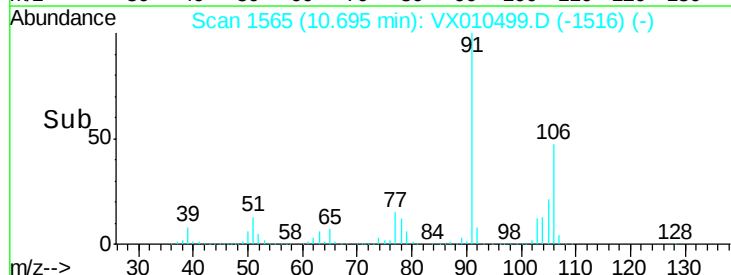
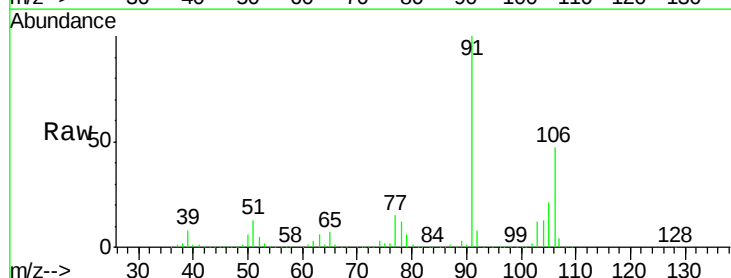
Manual Integrations
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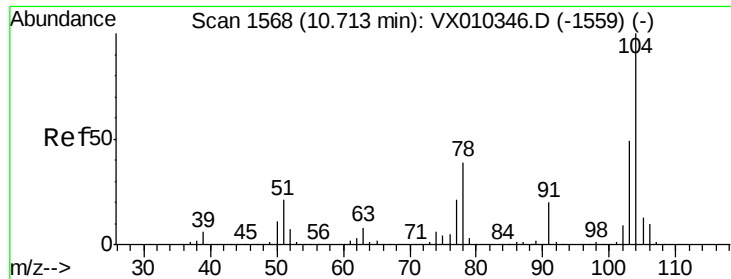
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#69
o-Xylene
Concen: 55.049 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion:106 Resp: 241508
Ion Ratio Lower Upper
106 100
91 205.5 102.7 308.1





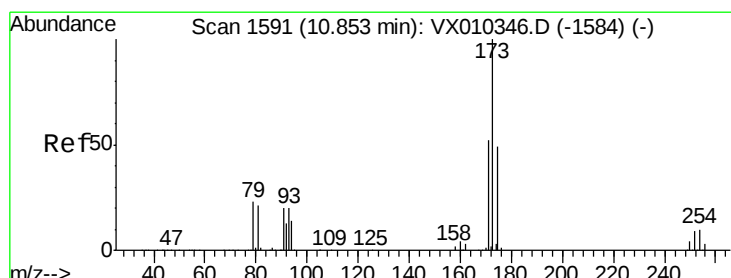
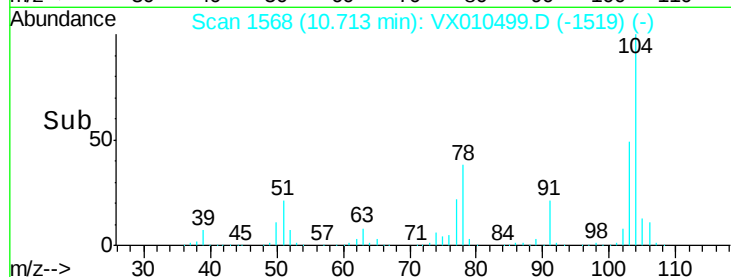
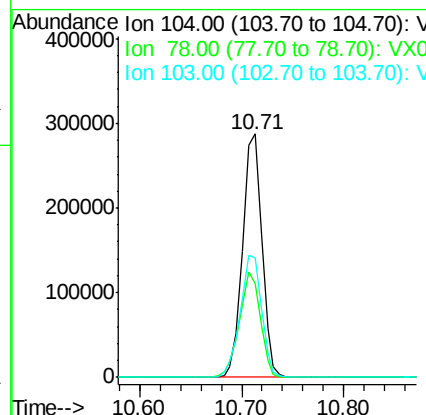
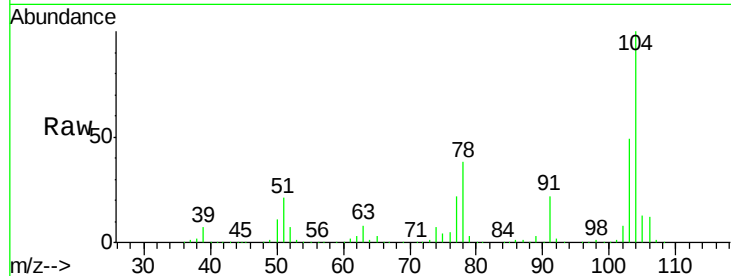
#70
Stvrene
Concen: 50.812 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0570MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	373847		
78	47.0		36.2	54.2
103	55.7		44.2	66.4

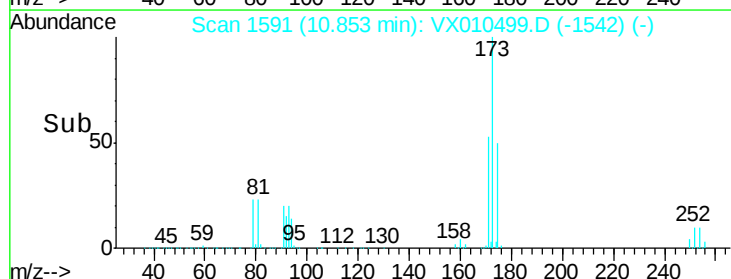
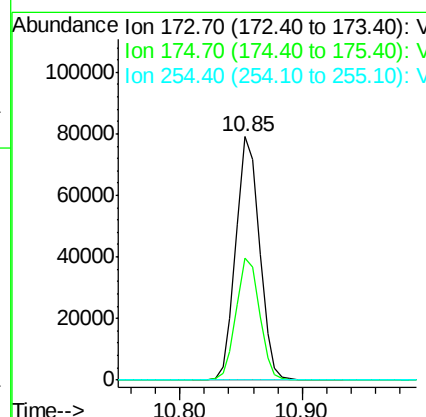
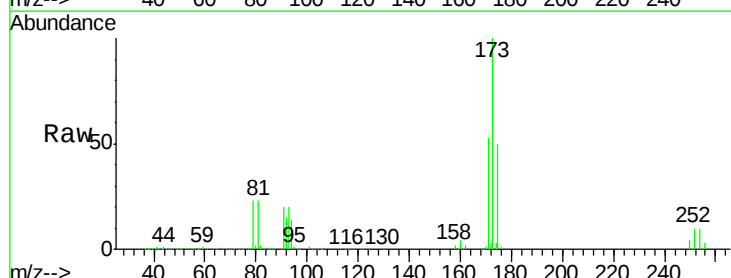
Manual Integrations
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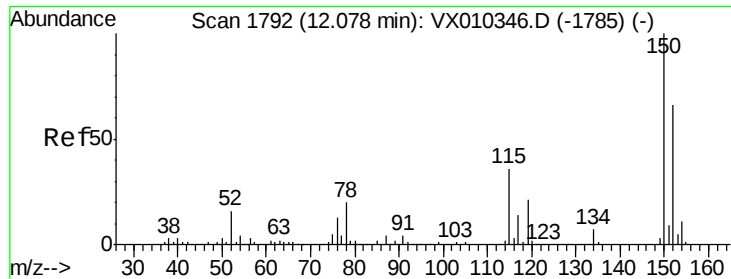
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#71
Bromoform
Concen: 48.806 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	105436		
175	49.7		24.1	72.3
254	0.2		0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FL-0570MS

Tot Ion:152 Resp: 176326

Ion Ratio Lower Upper

152 100

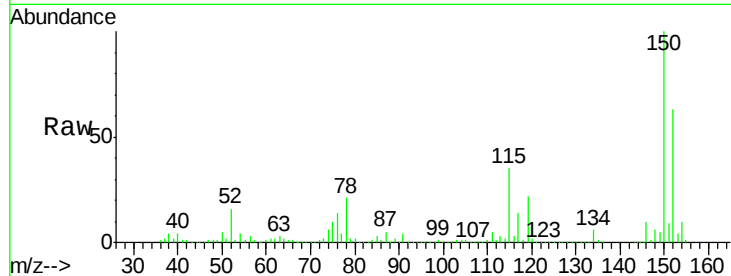
115 79.8 38.6 115.7

150 174.1 0.0 347.4

Manual Integrations
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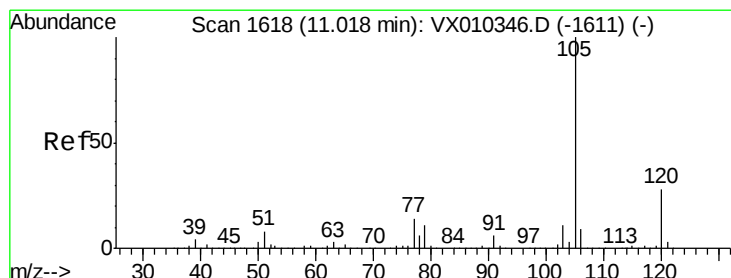
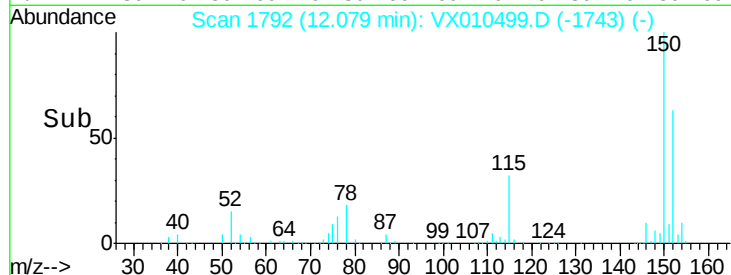
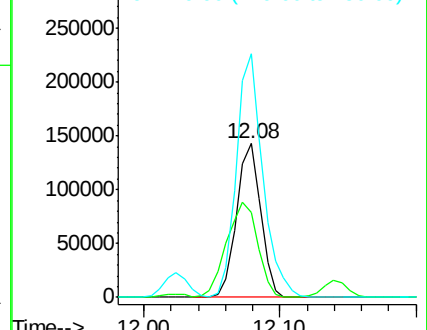
6/28/2019 10:38:25 AM



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: 68.781 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010499.D

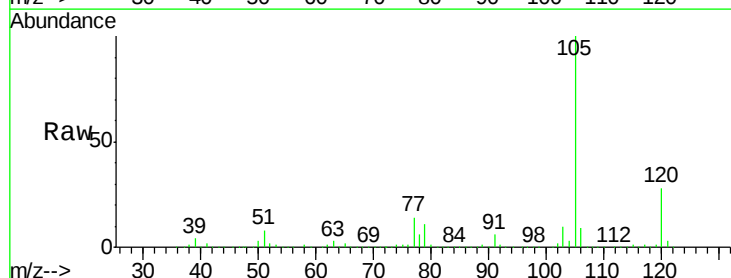
Acq: 27 Jun 2019 19:13

Tgt Ion:105 Resp: 822123

Ion Ratio Lower Upper

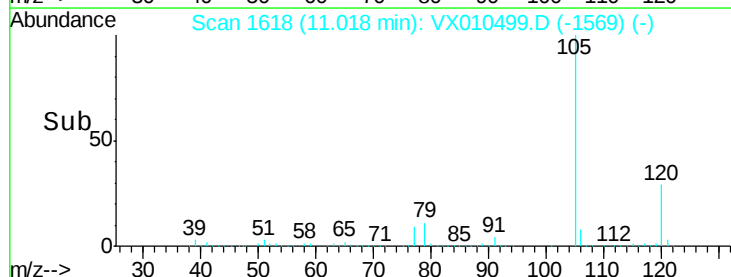
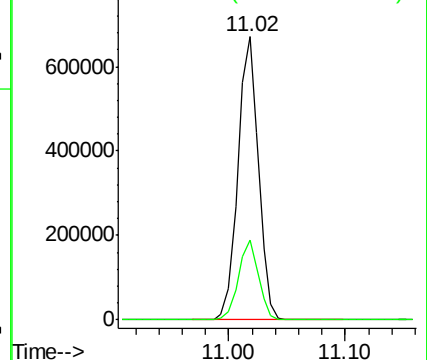
105 100

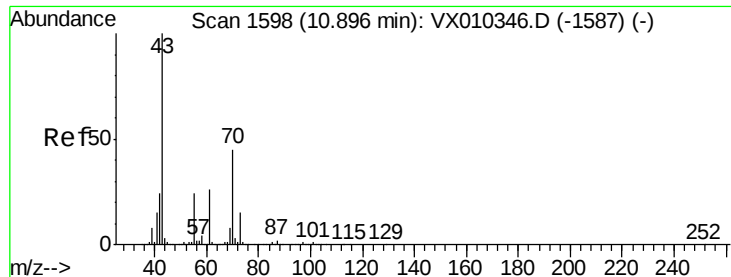
120 27.6 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.227 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

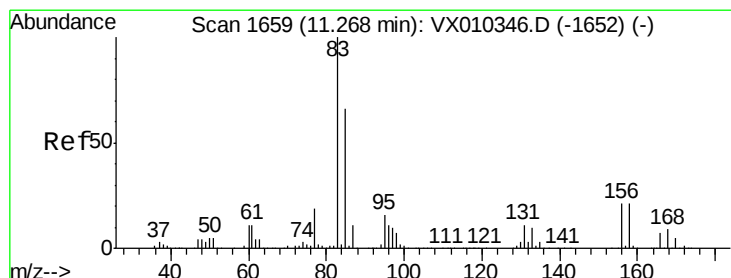
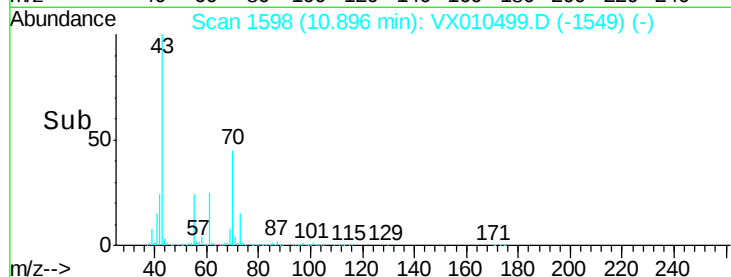
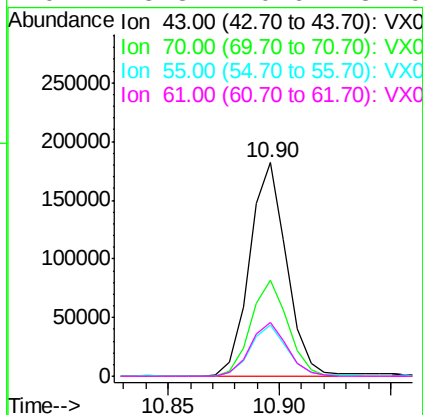
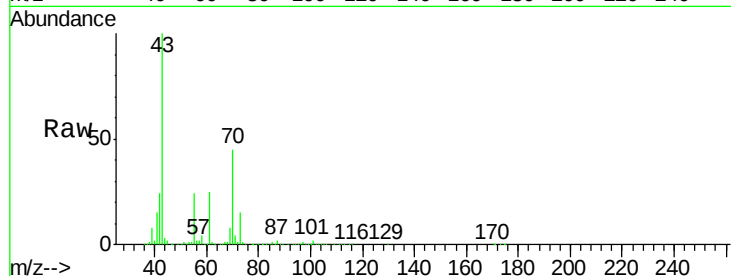
ClientSampled :

FL-0570MS

Tot Ion	43	Resp	208815
Ion Ratio	Lower	Upper	
43	100		
70	45.7	36.6	54.8
55	24.1	18.7	28.1
61	25.3	20.6	31.0

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 49.510 ug/l

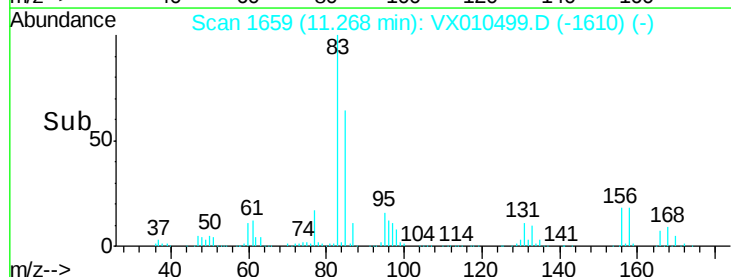
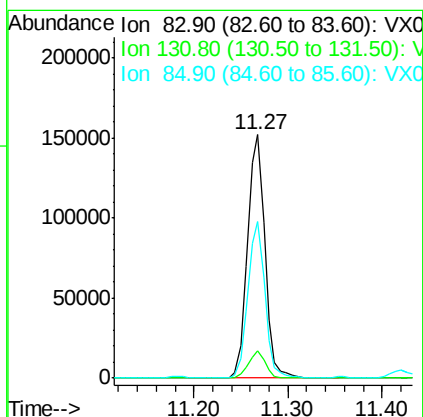
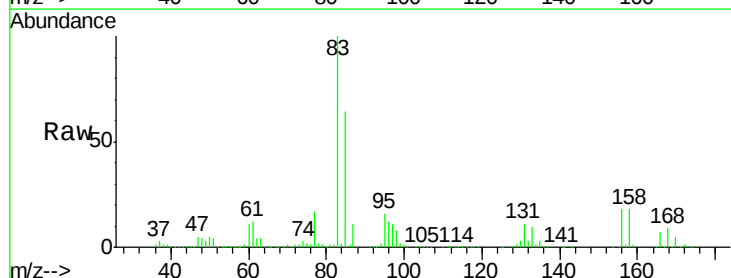
RT: 11.27 min Scan# 1659

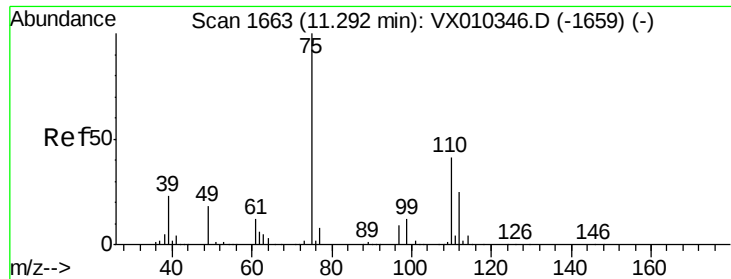
Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Tgt Ion	83	Resp	195981
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.5	16.4
85	63.6	32.3	96.8





#76

1,2,3-Trichloropropane

Concen: 48.823 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FL-0570MS

Tot Ion: 75 Resp: 156874

Ion Ratio Lower Upper

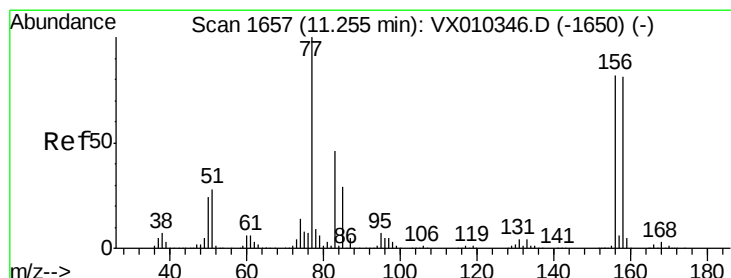
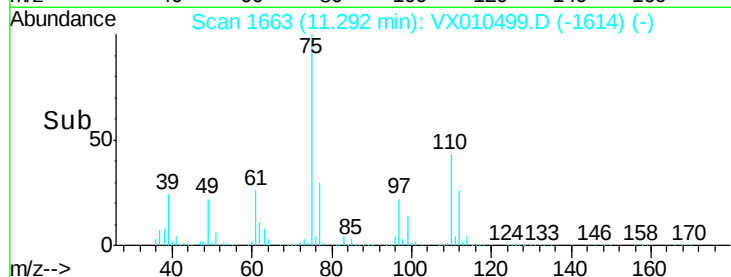
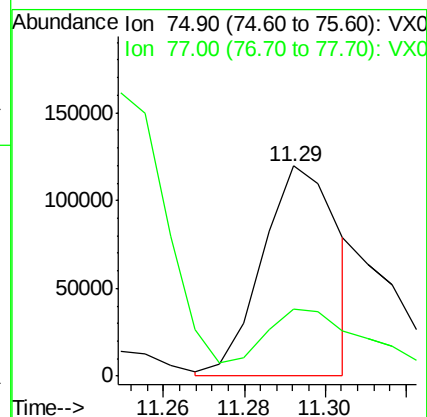
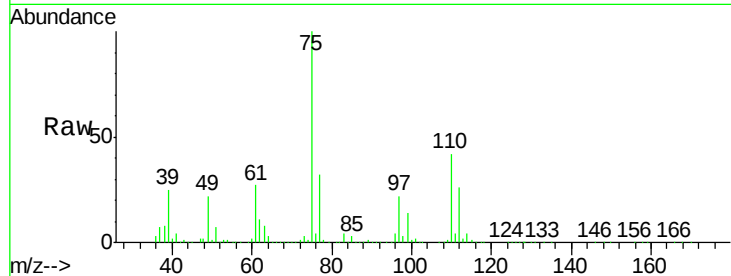
75 100

77 43.6 22.6 67.8

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#77

Bromobenzene

Concen: 47.779 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

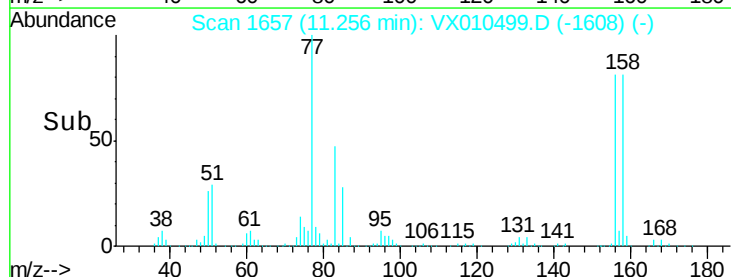
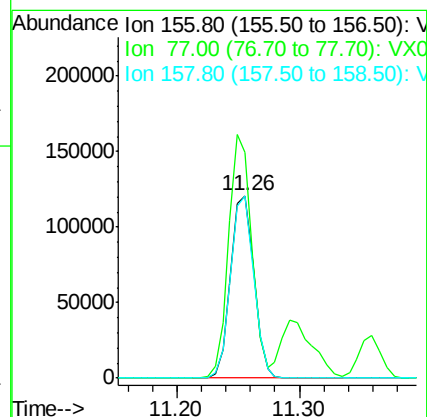
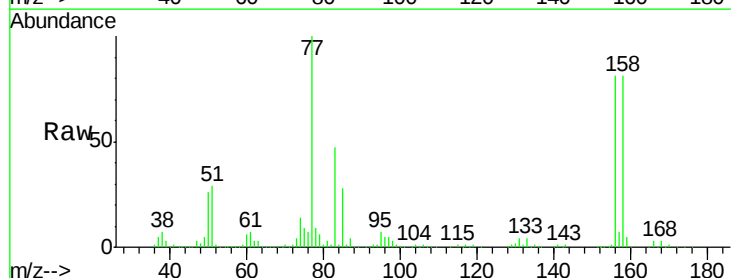
Tgt Ion: 156 Resp: 159463

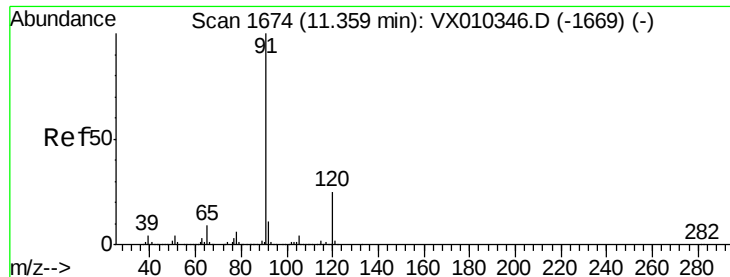
Ion Ratio Lower Upper

156 100

77 131.5 66.3 198.7

158 99.0 48.9 146.7





#78

n-propylbenzene

Concen: 72.737 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampled :

FL-0570MS

Tot Ion: 91 Resp: 95513

Ion Ratio Lower Upper

91 100

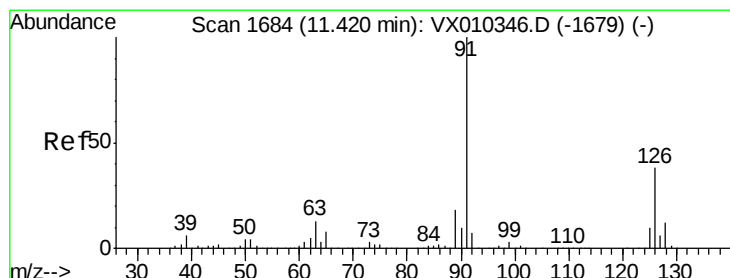
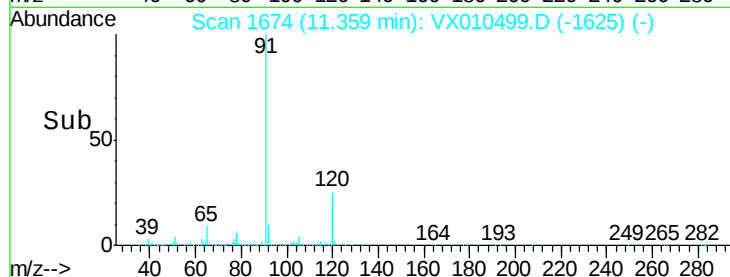
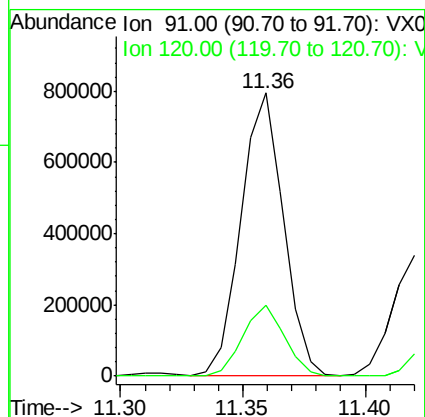
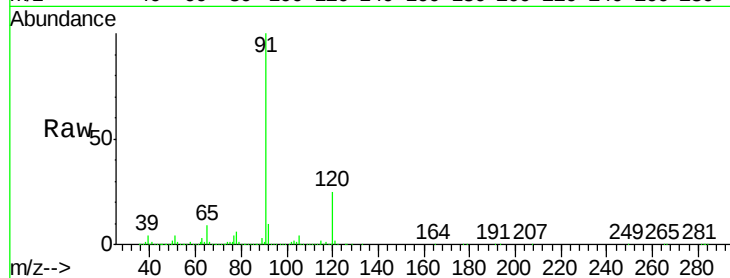
120 24.7 12.4 37.4

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#79

2-Chlorotoluene

Concen: 64.714 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010499.D

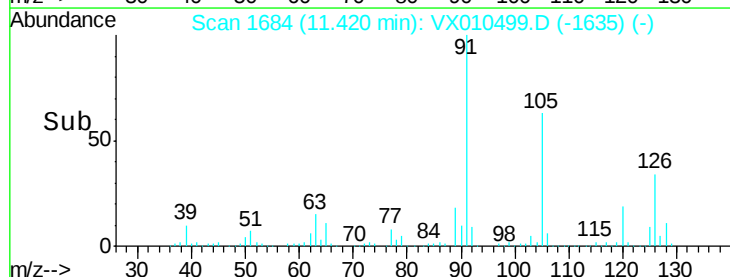
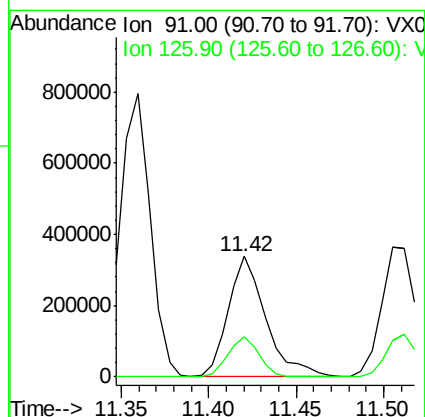
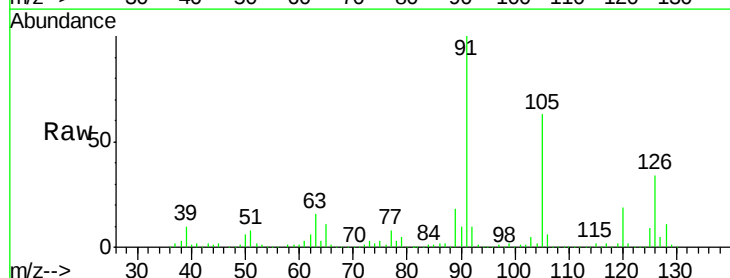
Acq: 27 Jun 2019 19:13

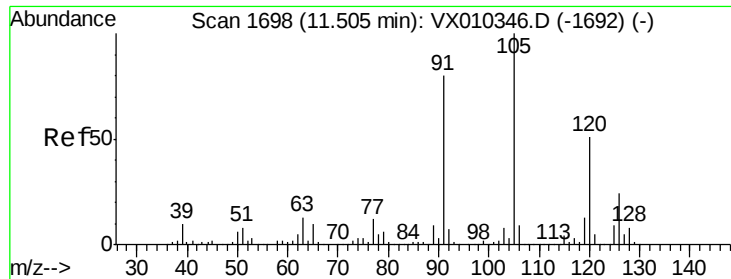
Tgt Ion: 91 Resp: 506225

Ion Ratio Lower Upper

91 100

126 27.6 18.7 56.1





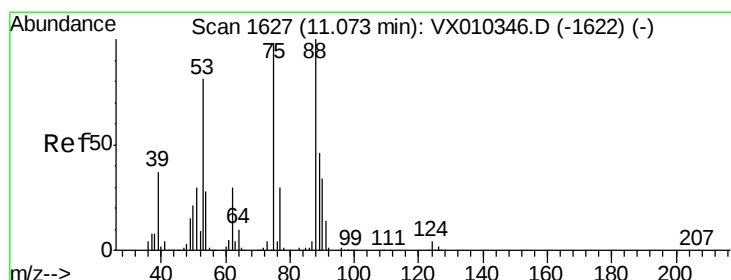
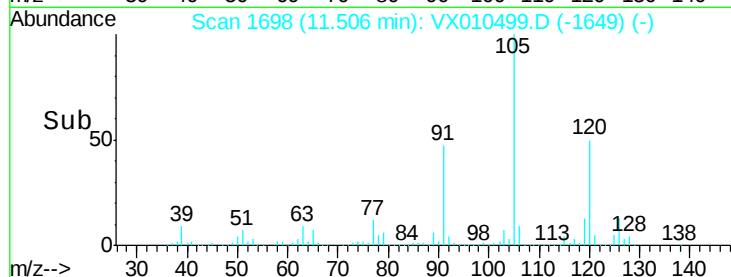
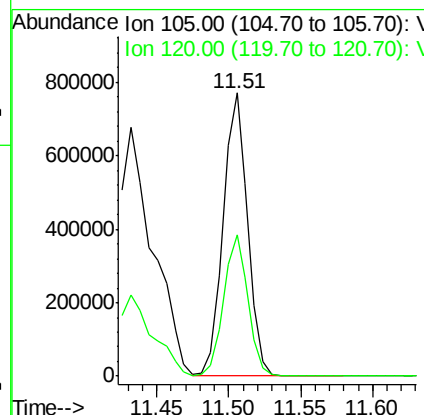
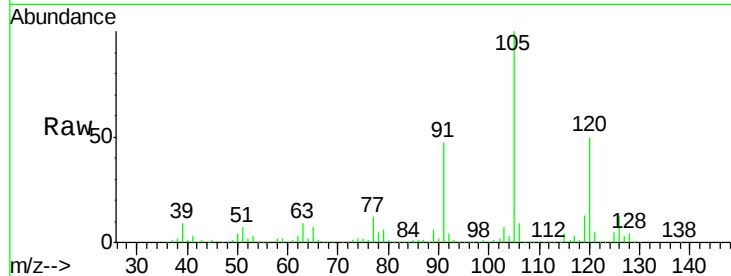
#80
 1,3,5-Trimethylbenzene
 Concen: 92.937 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0570MS

Tot Ion:105 Resp: 915759
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.2 75.6

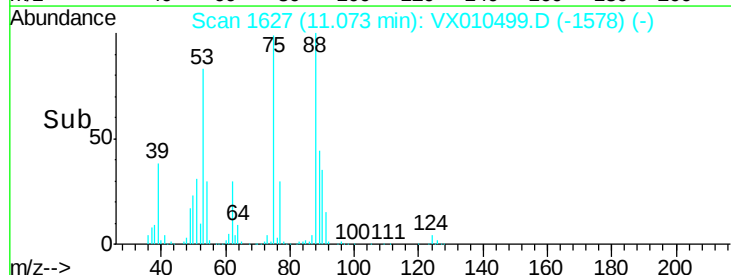
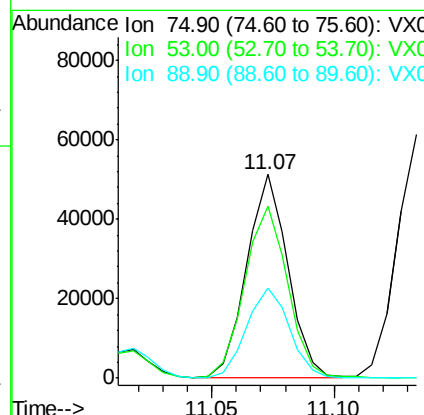
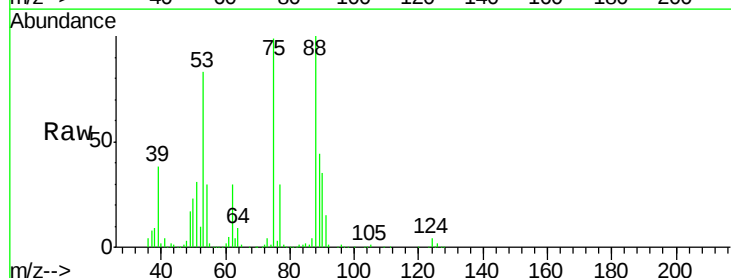
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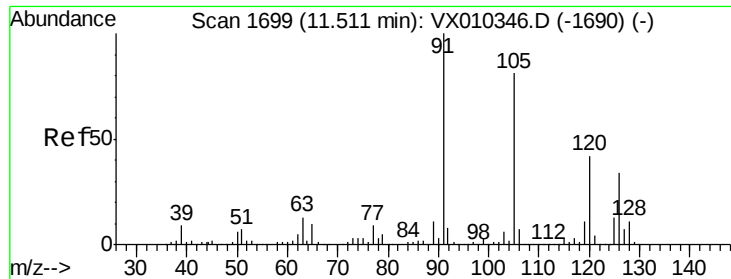
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.075 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Tgt Ion: 75 Resp: 59327
 Ion Ratio Lower Upper
 75 100
 53 88.6 66.1 99.1
 89 46.4 37.8 56.6





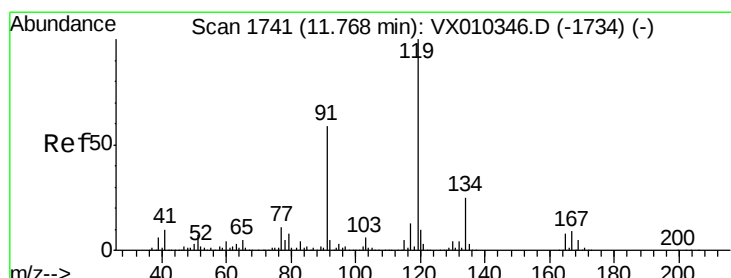
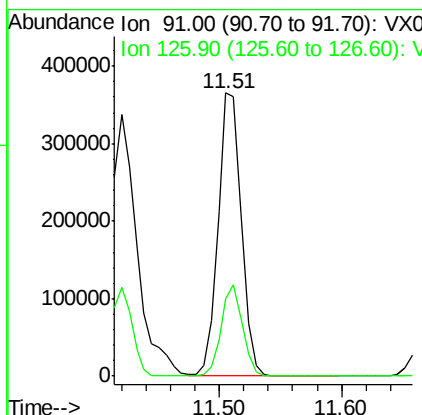
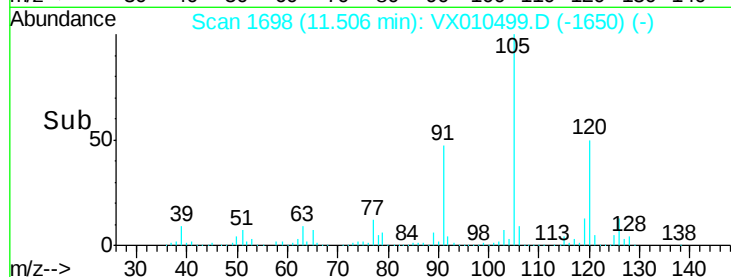
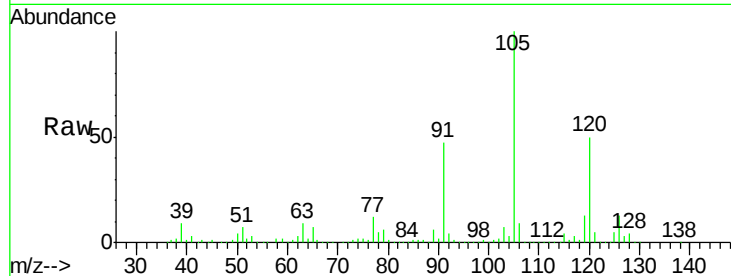
#82
4-Chlorotoluene
Concen: 54.343 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0570MS

Tot Ion: 91 Resp: 483719
Ion Ratio Lower Upper
91 100
126 29.7 16.2 48.6

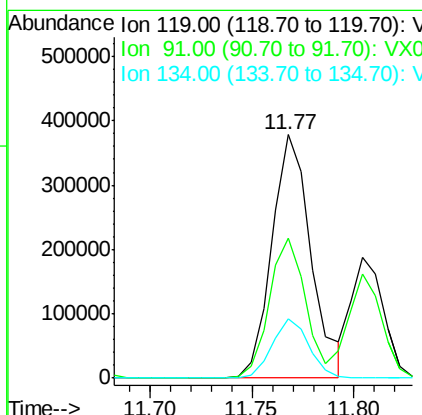
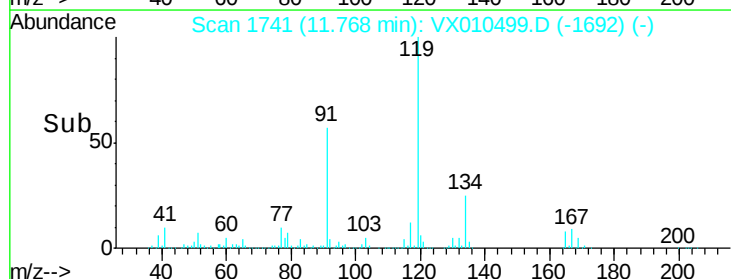
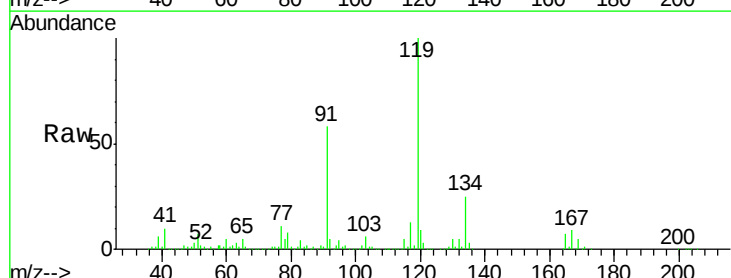
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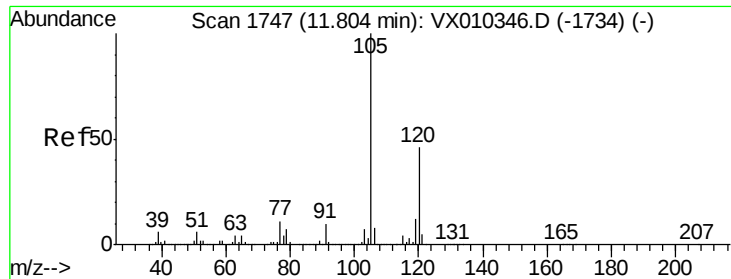
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#83
tert-Butylbenzene
Concen: 51.341 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion: 119 Resp: 507762
Ion Ratio Lower Upper
119 100
91 53.1 27.6 82.7
134 22.9 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 183.327 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FL-0570MS

Tot Ion:105 Resp: 1814902

Ion Ratio Lower Upper

105 100

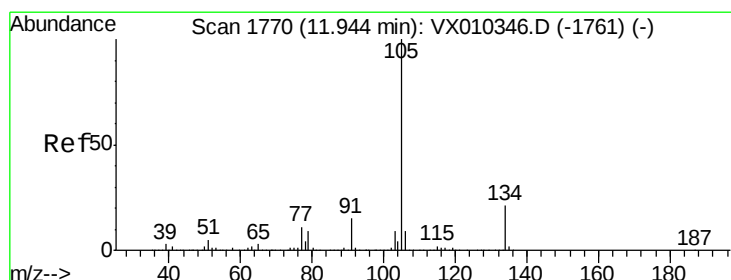
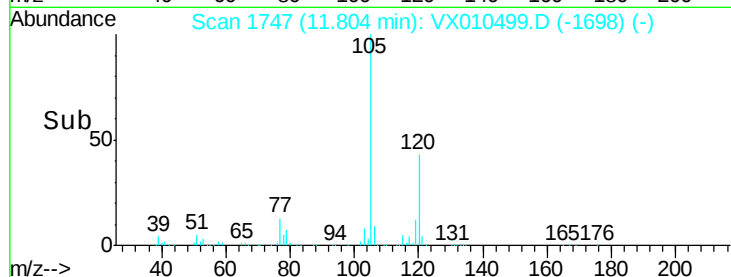
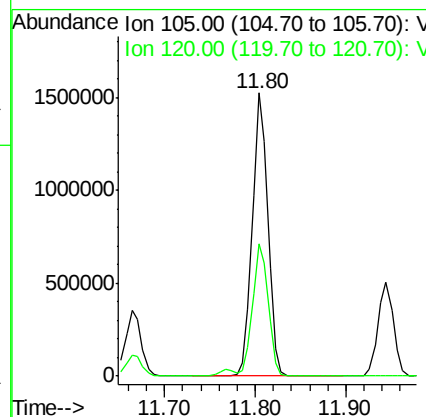
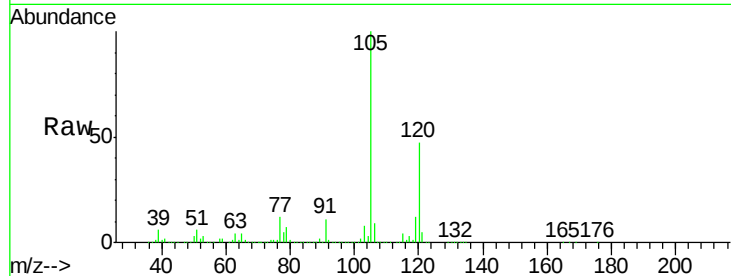
120 46.8 23.1 69.2

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#85

sec-Butylbenzene

Concen: 51.500 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010499.D

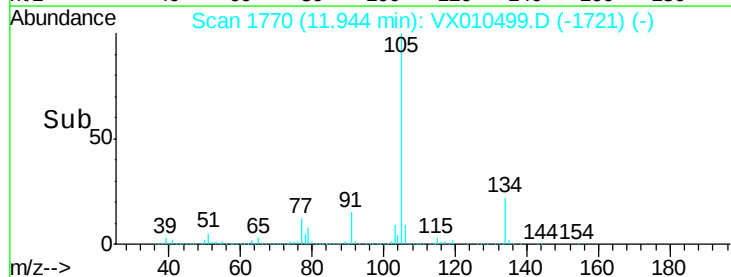
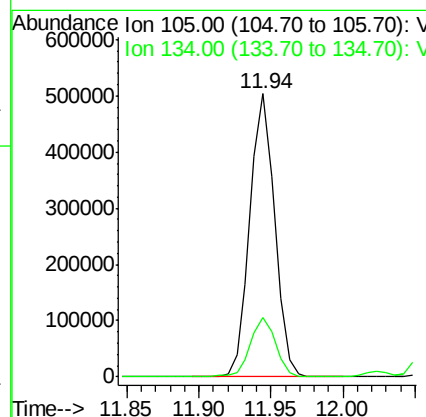
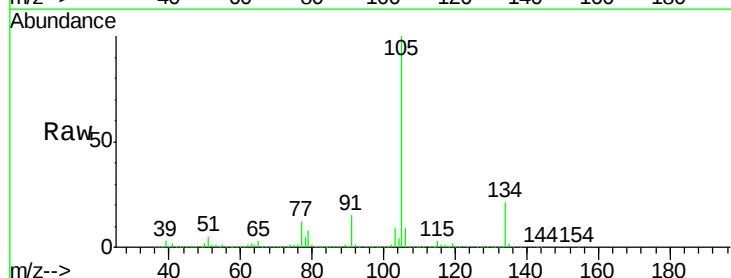
Acq: 27 Jun 2019 19:13

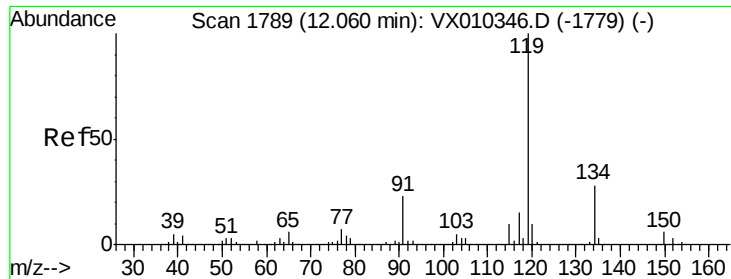
Tgt Ion:105 Resp: 598022

Ion Ratio Lower Upper

105 100

134 21.6 10.7 31.9





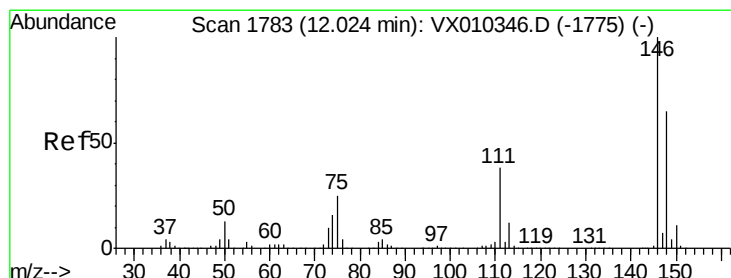
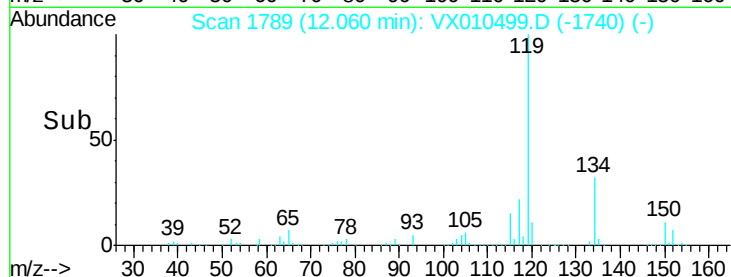
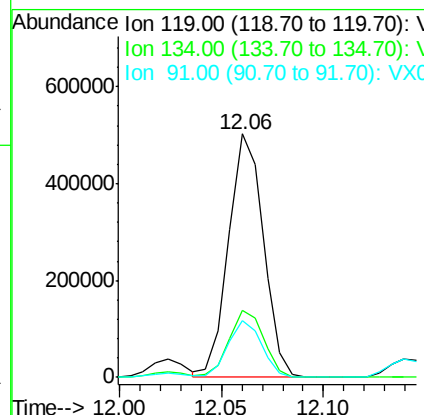
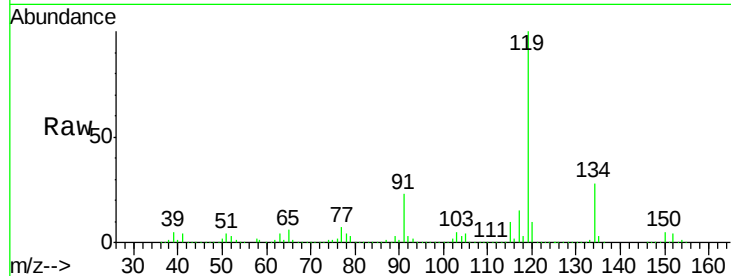
#86
p-Isopropyltoluene
Concen: 55.421 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0570MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	595268		
134	27.5	13.7	41.1	
91	22.6	11.3	33.8	

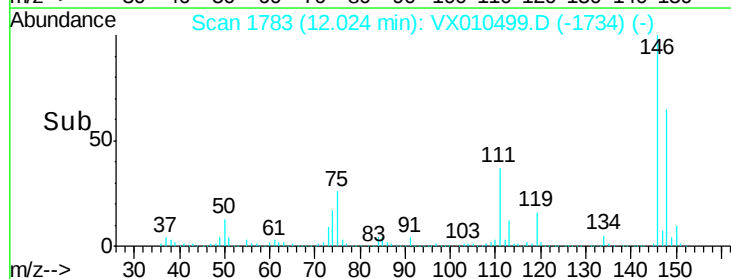
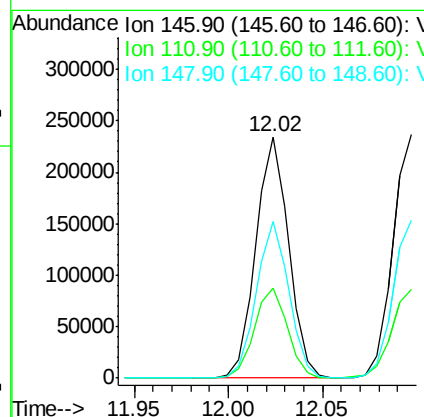
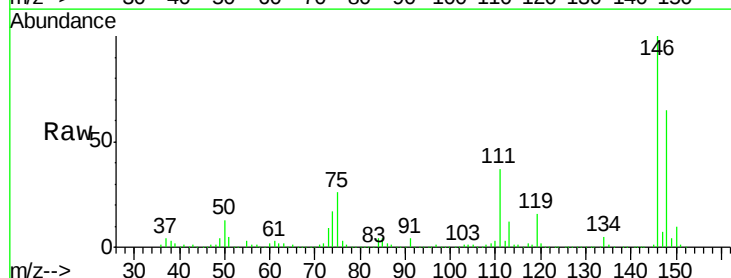
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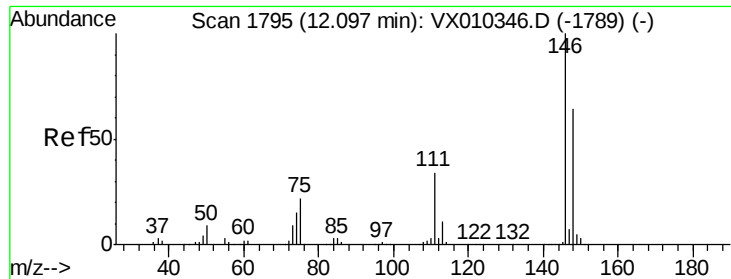
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#87
1,3-Dichlorobenzene
Concen: 48.303 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	281408		
111	37.6	19.1	57.1	
148	64.6	32.5	97.4	





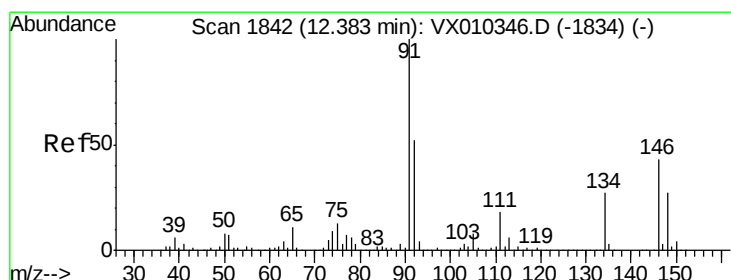
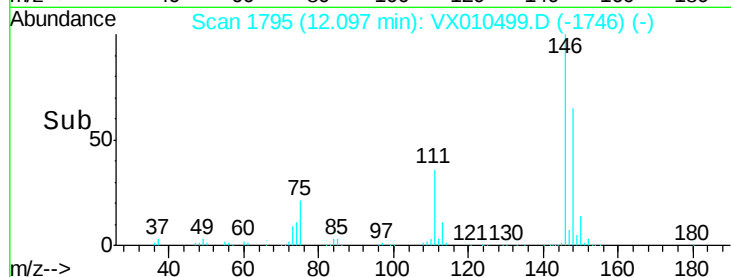
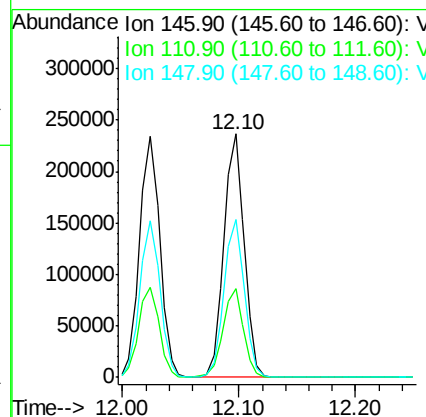
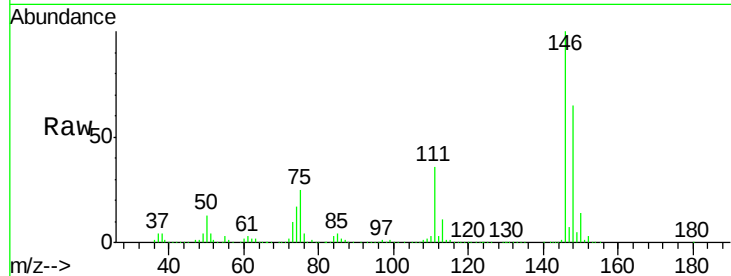
#88
 1,4-Dichlorobenzene
 Concen: 47.587 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0570MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.3
148	65.1	32.1	96.3

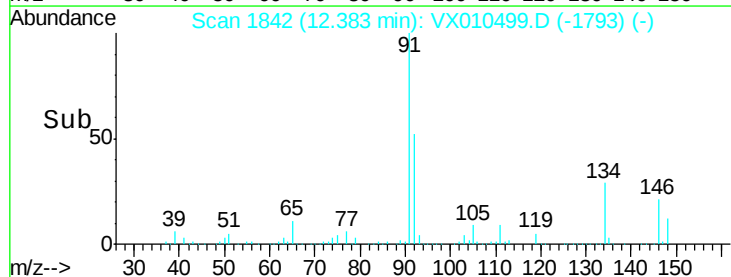
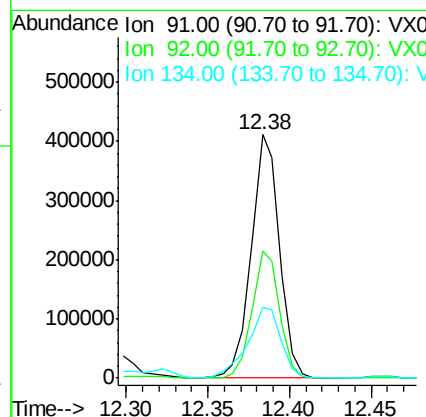
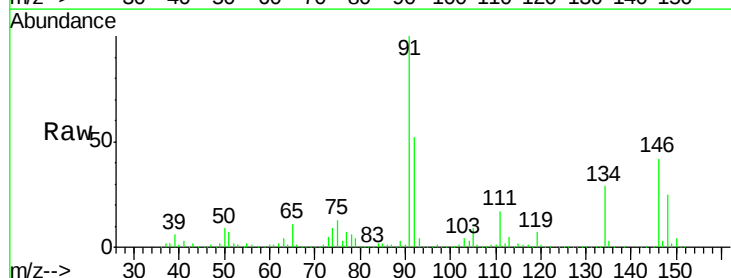
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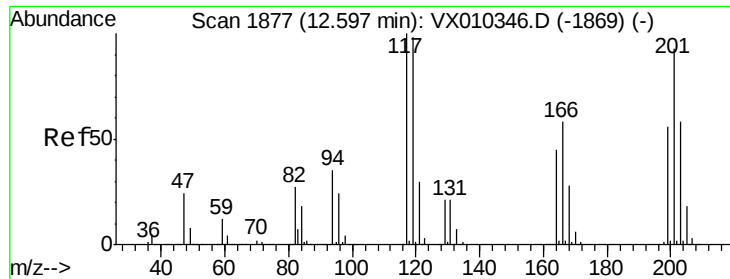
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#89
 n-Butylbenzene
 Concen: 54.156 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.2	78.5
134	34.3	14.1	42.4





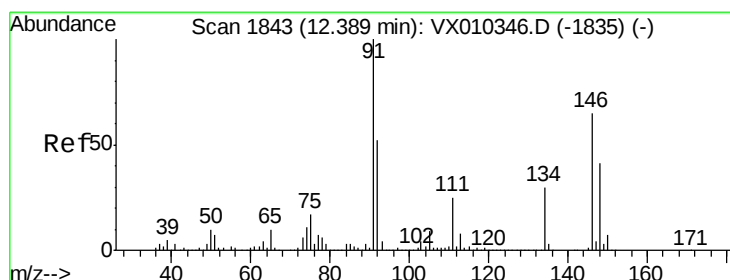
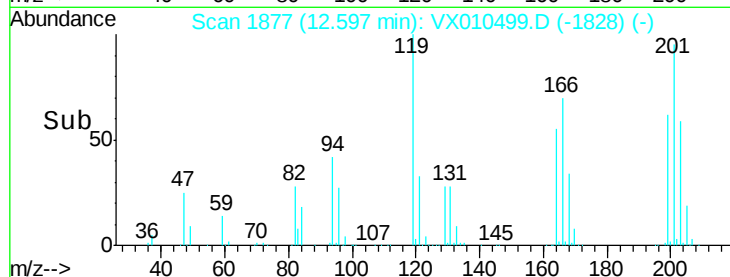
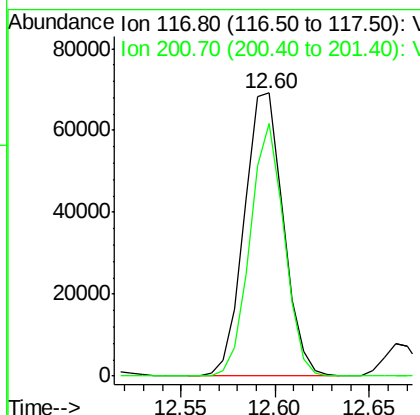
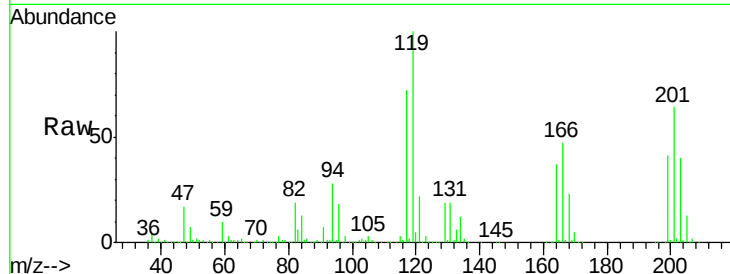
#90
Hexachloroethane
Concen: 53.573 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Instrument :
MSVOA_X
ClientSampled :
FL-0570MS

Tot Ion:117 Resp: 99498
Ion Ratio Lower Upper
117 100
201 78.0 44.0 131.8

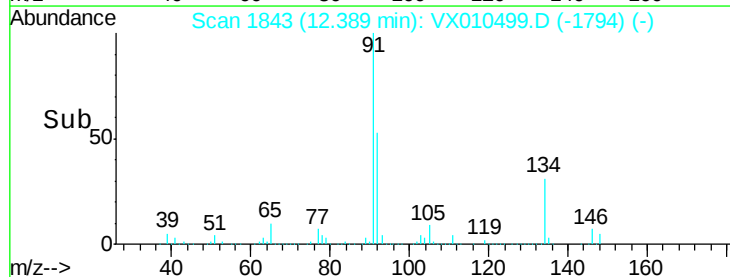
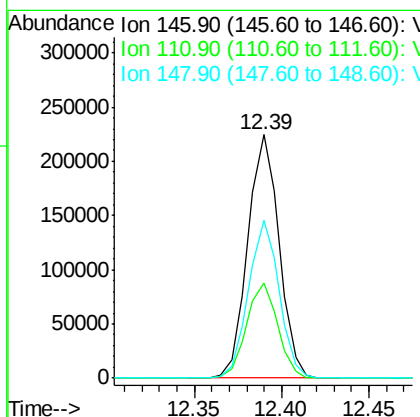
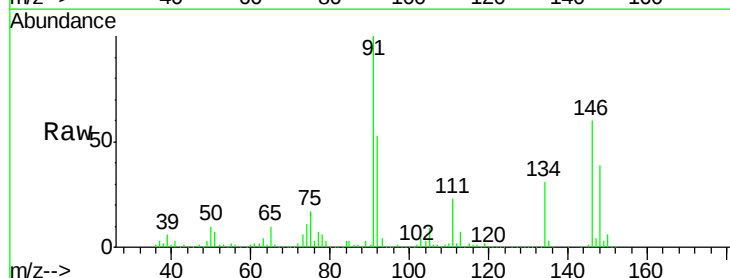
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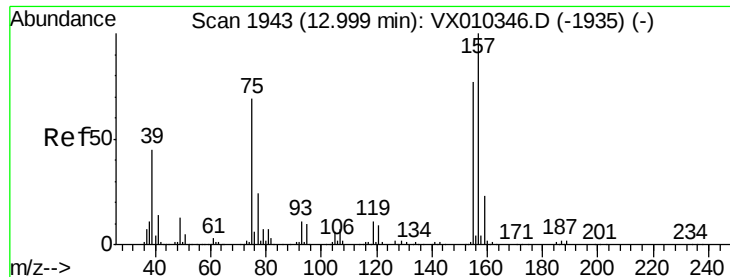
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#91
1,2-Dichlorobenzene
Concen: 48.192 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010499.D
Acq: 27 Jun 2019 19:13

Tgt Ion:146 Resp: 279044
Ion Ratio Lower Upper
146 100
111 39.1 19.2 57.6
148 63.7 32.0 96.0





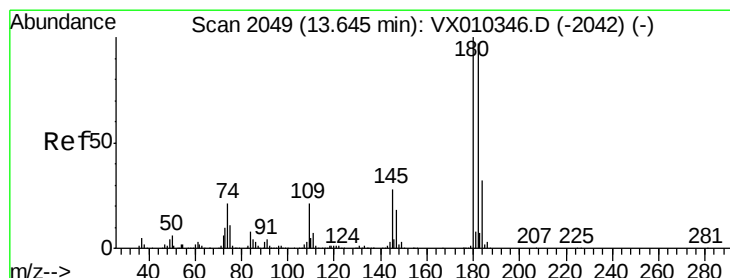
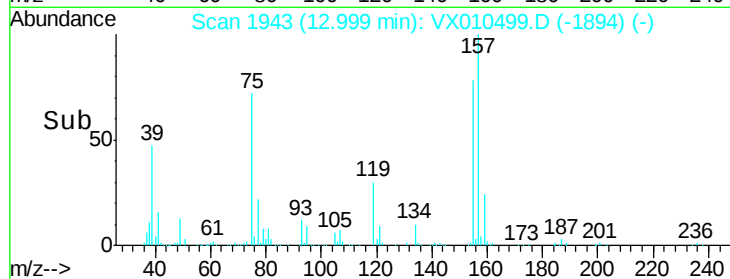
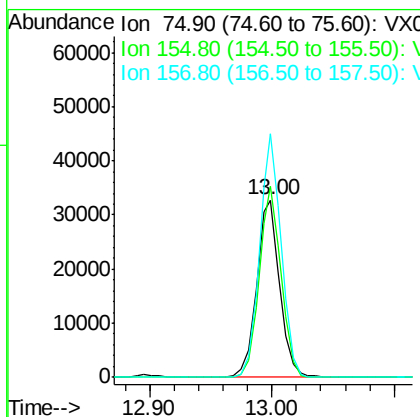
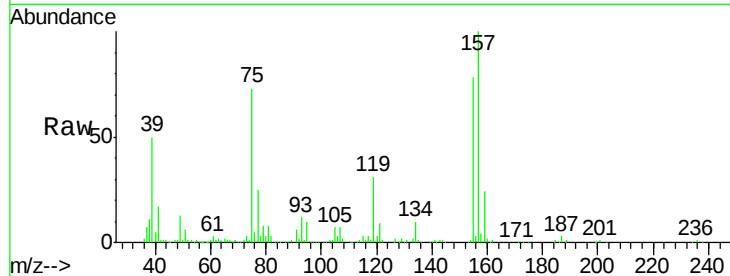
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.447 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0570MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	101.7	54.4	163.1
157	128.1	69.5	208.3

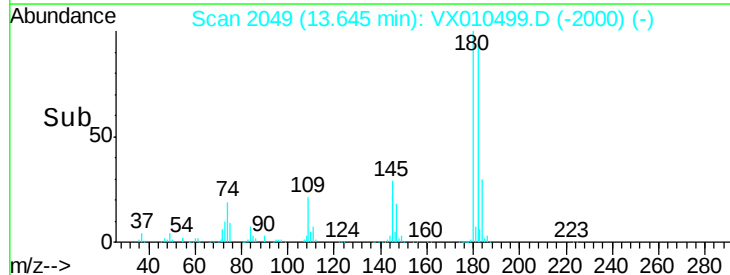
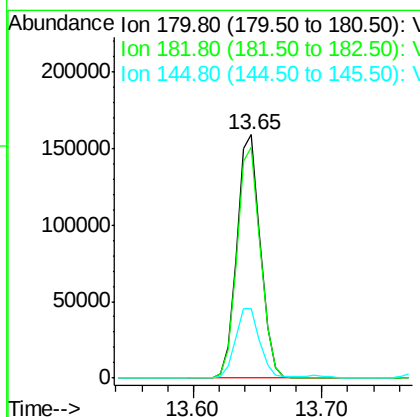
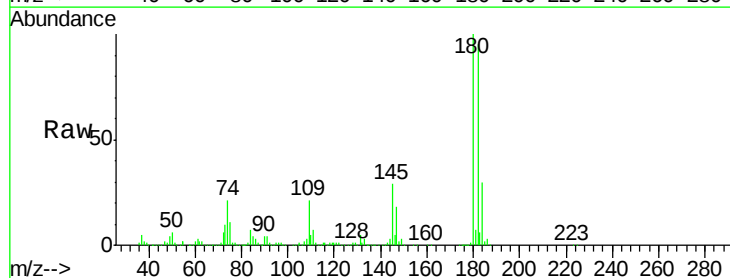
Manual Integrations
 APPROVED

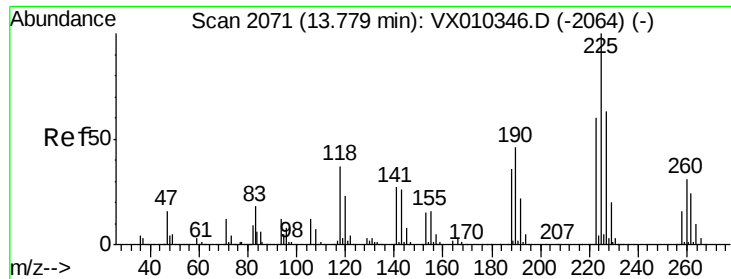
MMDadoda
 6/28/2019 10:38:25 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 49.885 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.0	144.0
145	29.9	14.4	43.4





#94

Hexachlorobutadiene

Concen: 48.144 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Instrument :

MSVOA_X

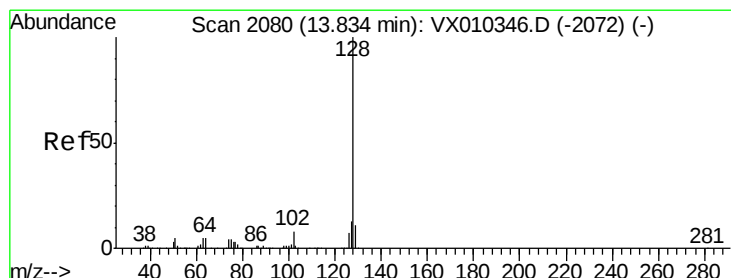
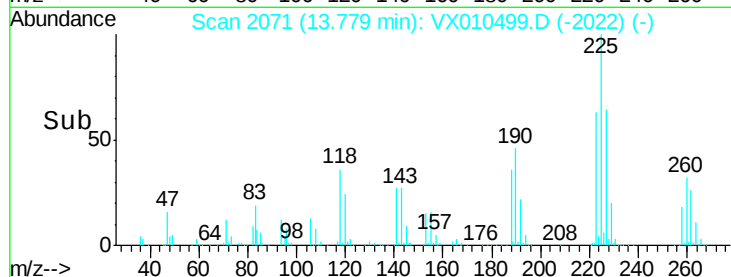
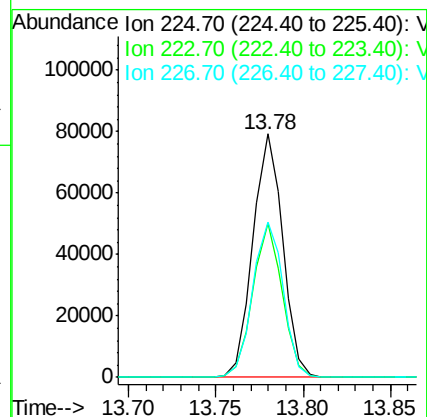
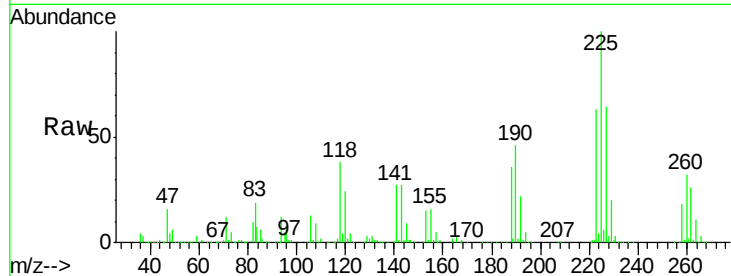
ClientSampled :

FL-0570MS

Tot Ion:	225	Resp:	94482
Ion Ratio		Lower	Upper
225	100		
223	62.3	30.9	92.7
227	65.1	31.9	95.5

Manual Integrations
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6/28/2019 10:38:25 AM



#95

Naphthalene

Concen: 69.051 ug/l

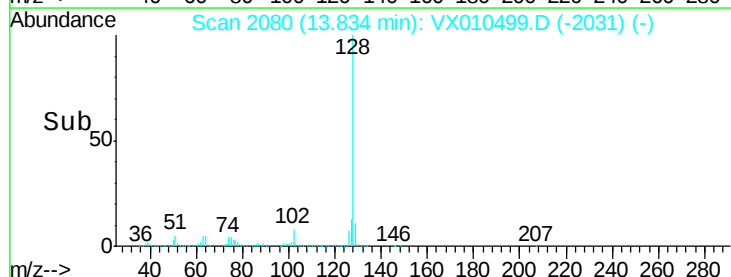
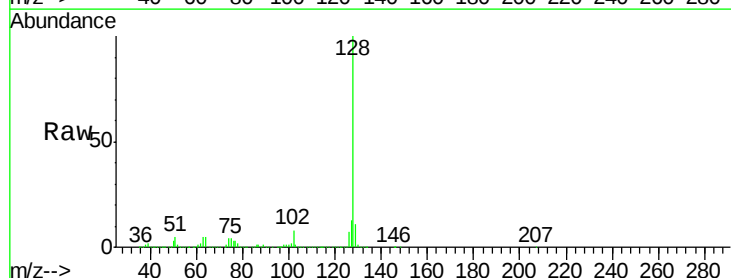
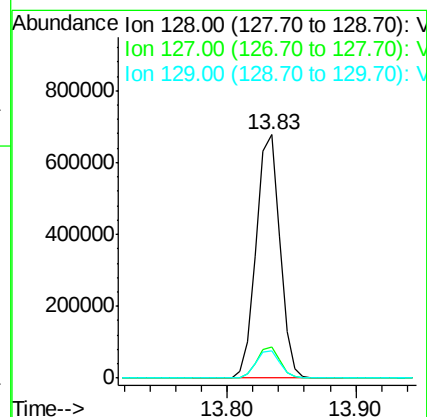
RT: 13.83 min Scan# 2080

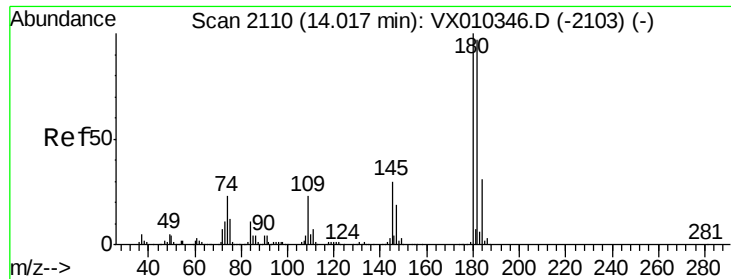
Delta R.T. 0.00 min

Lab File: VX010499.D

Acq: 27 Jun 2019 19:13

Tgt Ion:	128	Resp:	852063
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.2	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 50.111 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010499.D
 Acq: 27 Jun 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0570MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.2	47.8	143.3
145	31.5	15.2	45.6

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:38:25 AM

