

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006122.D
 Acq On : 21 Nov 2018 14:20
 Operator : JC/MD
 Sample : VX1121WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 10:52:24 AM

Quant Time: Nov 22 02:59:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	325857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	473039	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	441960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235770	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	192060	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
35) Dibromofluoromethane	5.50	113	152842	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	8.71	98	583811	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	11.13	95	214785	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45221	18.675	ug/l	96
3) Chloromethane	1.32	50	62036	20.280	ug/l	98
4) Vinyl Chloride	1.41	62	60047	19.299	ug/l	99
5) Bromomethane	1.64	94	40645	19.438	ug/l	98
6) Chloroethane	1.72	64	33913	26.660	ug/l	100
7) Trichlorofluoromethane	1.93	101	79036	19.418	ug/l	99
8) Diethyl Ether	2.19	74	33144	19.263	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46018	19.066	ug/l	99
10) Methyl Iodide	2.51	142	58842	19.445	ug/l	98
11) Tert butyl alcohol	3.06	59	80552	100.285	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44545	18.932	ug/l	96
13) Acrolein	2.29	56	44581	92.753	ug/l	97
14) Allyl chloride	2.73	41	94075	19.543	ug/l	100
15) Acrylonitrile	3.15	53	172709	97.348	ug/l	99
16) Acetone	2.45	43	160625	95.865	ug/l	99
17) Carbon Disulfide	2.57	76	119234	18.767	ug/l	97
18) Methyl Acetate	2.78	43	87878	20.452	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	160960	19.791	ug/l	99
20) Methylene Chloride	2.85	84	51938	20.273	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	48023	19.507	ug/l	98
22) Diisopropyl ether	3.87	45	212649	20.635	ug/l	94
23) Vinyl Acetate	3.82	43	883090	103.293	ug/l	99
24) 1,1-Dichloroethane	3.70	63	96473	19.871	ug/l	98
25) 2-Butanone	4.70	43	306282	98.483	ug/l	98
26) 2,2-Dichloropropane	4.58	77	78566	19.635	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	65881	19.147	ug/l	95
28) Bromochloromethane	5.02	49	56496	19.966	ug/l	99
29) Tetrahydrofuran	5.15	42	199015	102.581	ug/l	100
30) Chloroform	5.21	83	113322	19.262	ug/l	97
31) Cyclohexane	5.57	56	96964	19.121	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	94543	19.902	ug/l	100
36) 1,1-Dichloropropene	5.80	75	83290	19.354	ug/l	99
37) Ethyl Acetate	4.85	43	110397	19.939	ug/l	99
38) Carbon Tetrachloride	5.78	117	78075	19.302	ug/l	97

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Quant Time: Nov 22 02:59:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91486	18.660	ug/l	99
40) Benzene	6.14	78	251769	19.857	ug/l	99
41) Methacrylonitrile	5.06	41	60994	19.990	ug/l	100
42) 1,2-Dichloroethane	6.20	62	92120	19.434	ug/l	100
43) Isopropyl Acetate	6.46	43	160253	20.042	ug/l	99
44) Trichloroethene	7.21	130	69462	19.712	ug/l	99
45) 1,2-Dichloropropane	7.52	63	65724	19.587	ug/l	98
46) Dibromomethane	7.66	93	45365	19.742	ug/l	98
47) Bromodichloromethane	7.90	83	80862	19.026	ug/l	98
48) Methyl methacrylate	7.77	41	83319	20.546	ug/l	100
49) 1,4-Dioxane	7.75	88	36628	380.712	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	580424	101.256	ug/l	100
52) Toluene	8.78	92	159379	20.323	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	84150	18.974	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	94286	19.231	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	66258	19.509	ug/l	99
56) Ethyl methacrylate	9.18	69	92268	19.311	ug/l	98
57) 1,3-Dichloropropane	9.37	76	109118	19.491	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	276760	97.962	ug/l	99
59) 2-Hexanone	9.49	43	454183	99.838	ug/l	99
60) Dibromochloromethane	9.59	129	62305	18.711	ug/l	99
61) 1,2-Dibromoethane	9.67	107	69193	19.775	ug/l	99
64) Tetrachloroethene	9.34	164	75138	20.659	ug/l	99
65) Chlorobenzene	10.14	112	182191	20.097	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	60121	19.317	ug/l	100
67) Ethyl Benzene	10.25	91	300584	20.250	ug/l	99
68) m/p-Xylenes	10.36	106	234377	40.550	ug/l	99
69) o-Xylene	10.70	106	111684	20.229	ug/l	100
70) Styrene	10.71	104	183722	20.409	ug/l	99
71) Bromoform	10.86	173	49178	17.652	ug/l #	99
73) Isopropylbenzene	11.02	105	308438	21.621	ug/l	100
74) N-amyl acetate	10.90	43	133423	19.737	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	103270	19.209	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	101706m	20.953	ug/l	
77) Bromobenzene	11.26	156	81371	20.362	ug/l	99
78) n-propylbenzene	11.36	91	353706	21.291	ug/l	100
79) 2-Chlorotoluene	11.42	91	211159	21.009	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	257522	21.411	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	26700	18.604	ug/l	93
82) 4-Chlorotoluene	11.51	91	247862	21.132	ug/l	99
83) tert-Butylbenzene	11.77	119	244632	20.834	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	265597	21.649	ug/l	99
85) sec-Butylbenzene	11.94	105	304796	21.222	ug/l	99
86) p-Isopropyltoluene	12.07	119	266701	20.828	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	149314	20.264	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	150346	19.683	ug/l	98
89) n-Butylbenzene	12.39	91	233991	20.183	ug/l	99
90) Hexachloroethane	12.60	117	37367	18.287	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	149533	19.850	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23404	18.761	ug/l	100

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	107598	20.276	ug/l	99
94) Hexachlorobutadiene	13.78	225	50665	19.590	ug/l	99
95) Naphthalene	13.83	128	336983	21.595	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	109999	20.332	ug/l	98

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

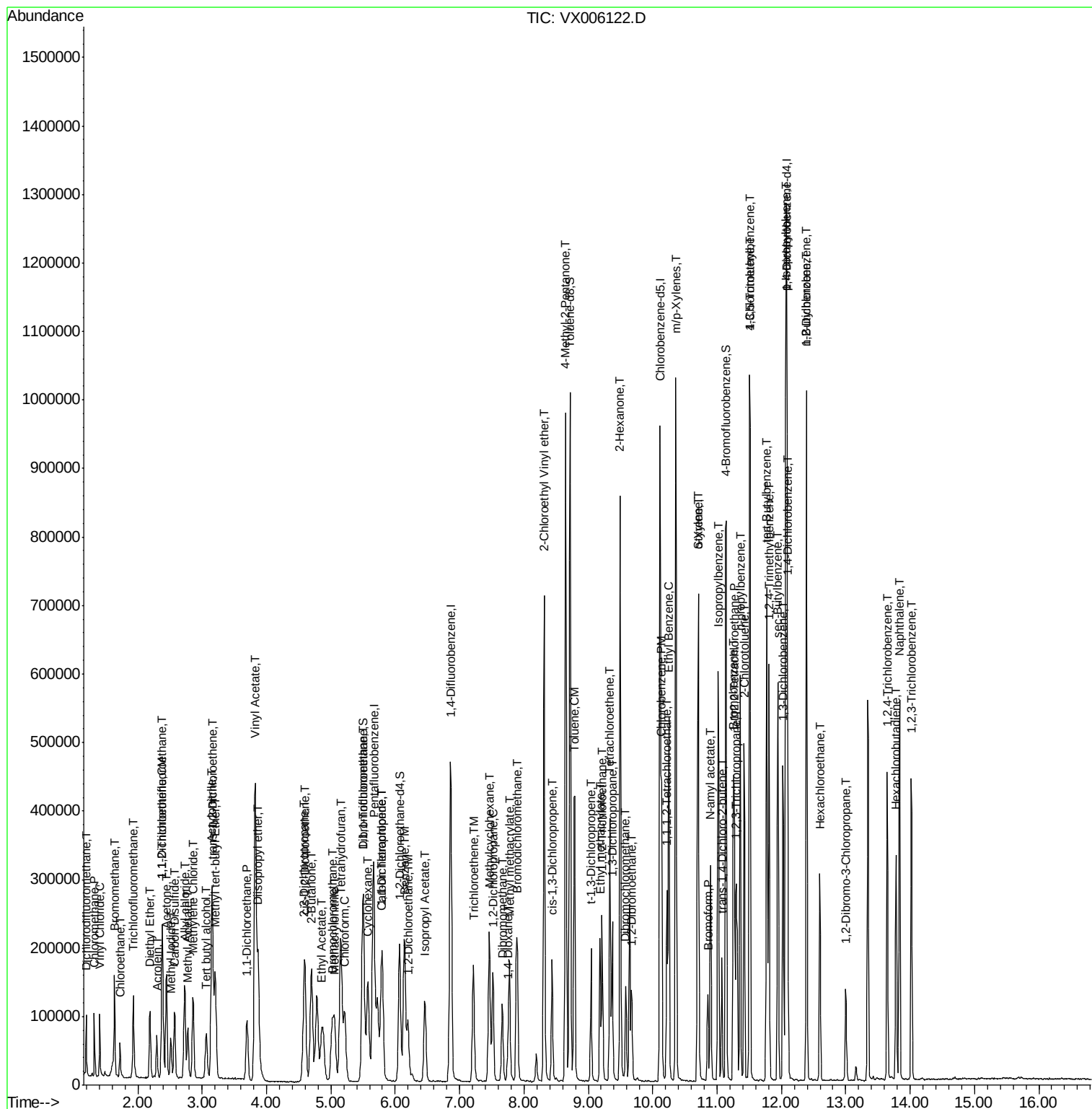
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112118\
Data File : VX006122.D
Acq On : 21 Nov 2018 14:20
Operator : JC/MD
Sample : VX1121WBS01
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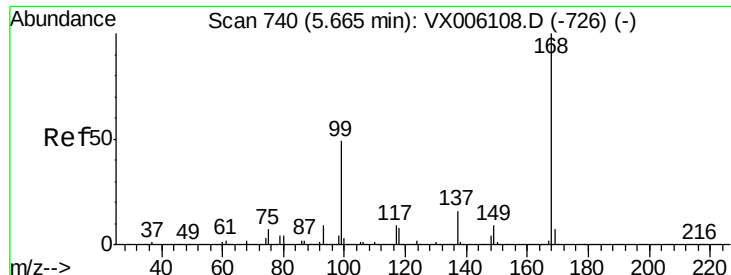
Instrument :
MSVOA_X
Client Sampled :
VX1121WBS01

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion:168 Resp: 325857

Ion Ratio Lower Upper

168 100

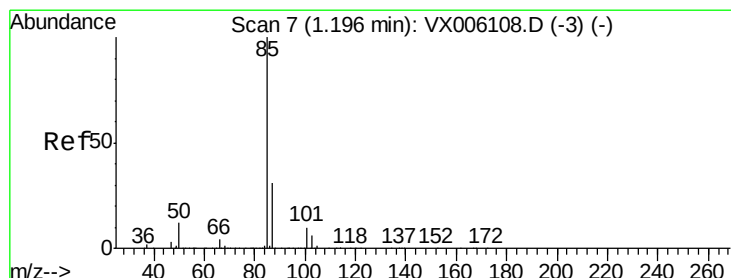
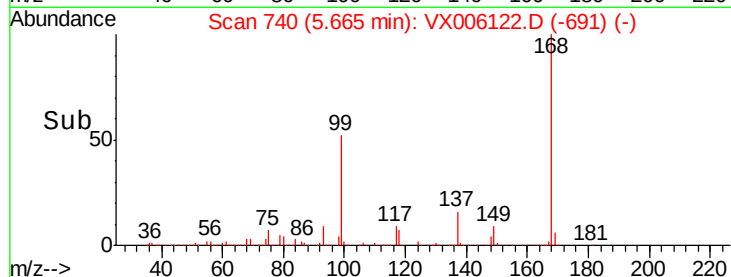
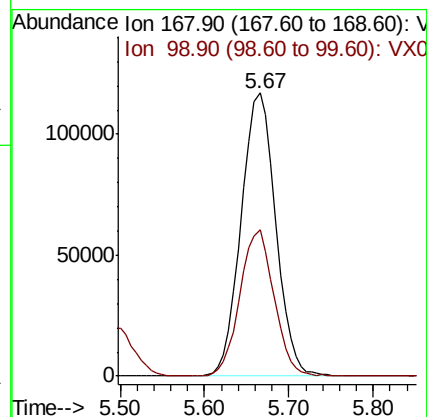
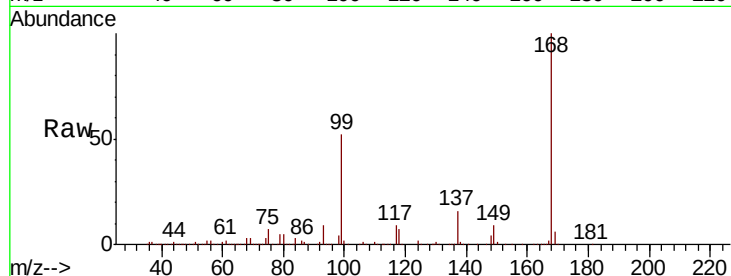
99 51.8 39.2 58.8

Manual Integrations

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11/26/2018 10:52:24 AM



#2

Dichlorodifluoromethane

Concen: 18.675 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006122.D

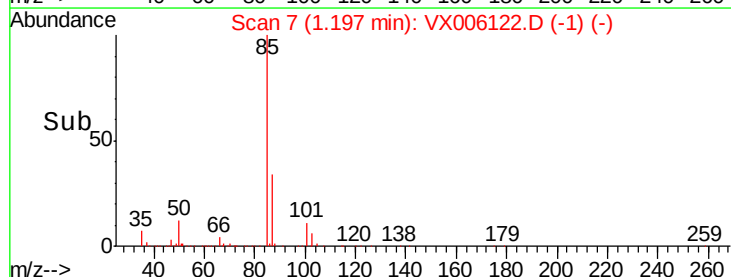
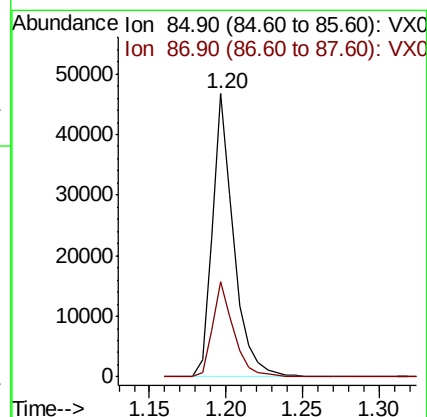
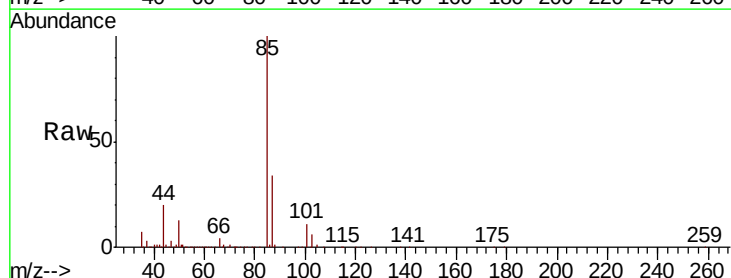
Acq: 21 Nov 2018 14:20

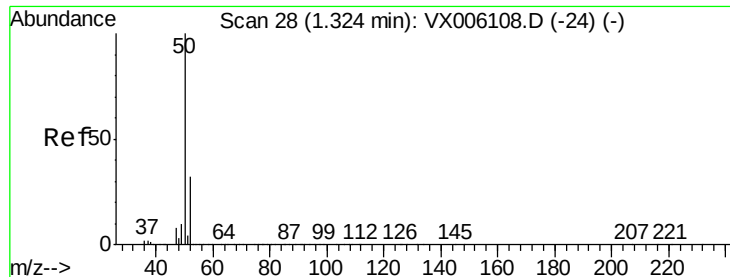
Tgt Ion: 85 Resp: 45221

Ion Ratio Lower Upper

85 100

87 33.6 15.7 47.1





#3

Chloromethane

Concen: 20.280 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion: 50 Resp: 62036

Ion Ratio Lower Upper

50 100

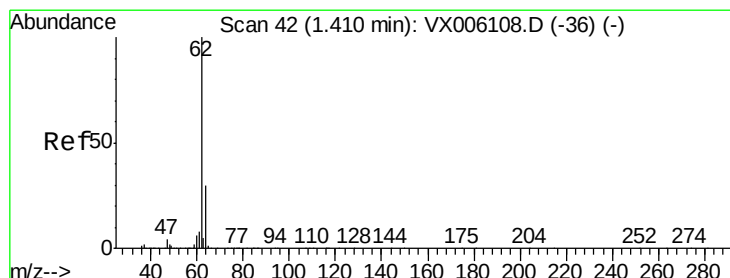
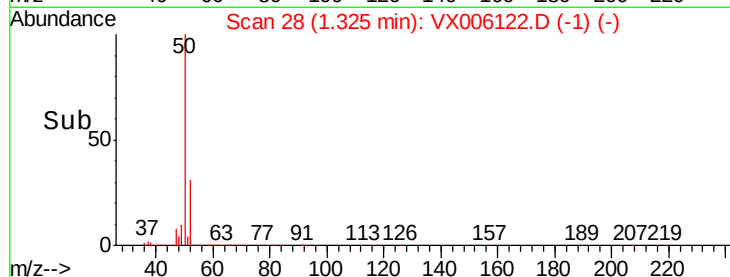
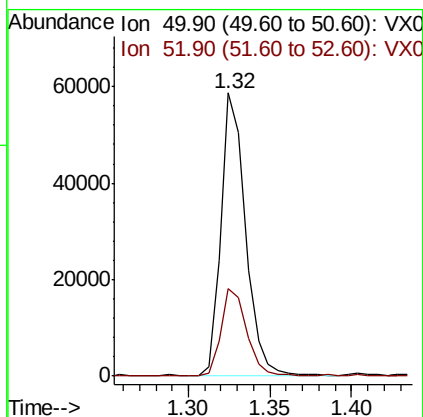
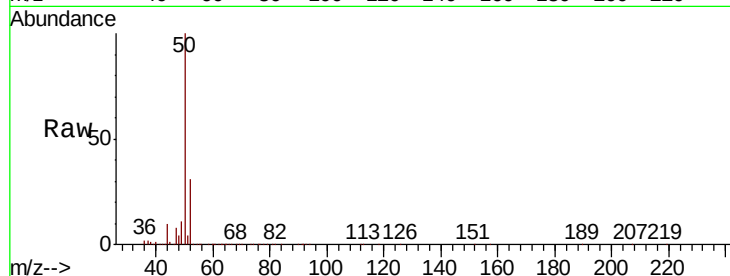
52 30.6 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.299 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006122.D

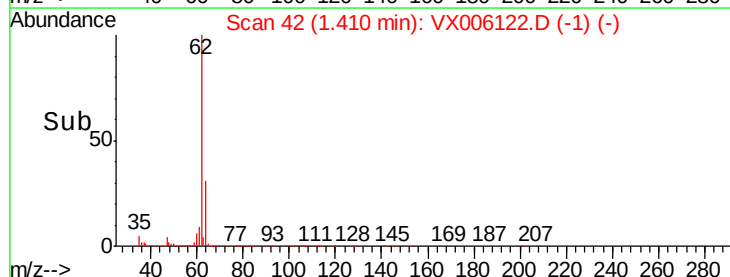
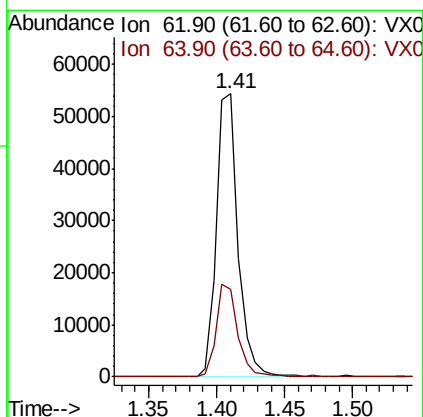
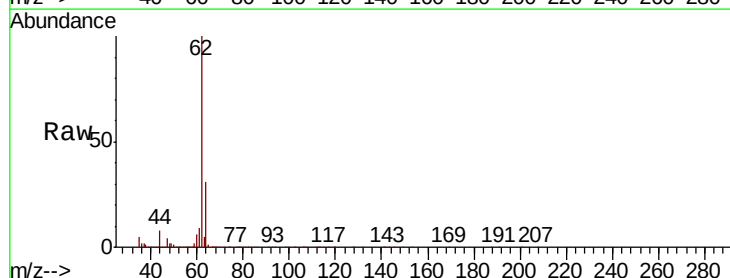
Acq: 21 Nov 2018 14:20

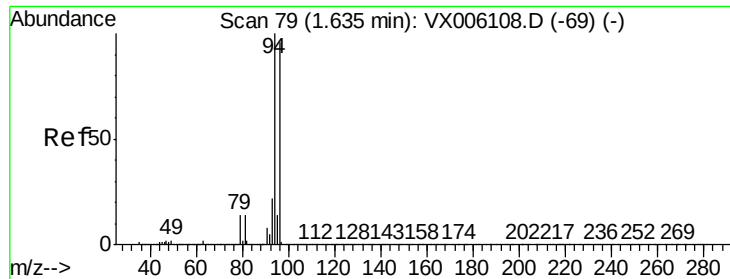
Tgt Ion: 62 Resp: 60047

Ion Ratio Lower Upper

62 100

64 30.8 24.2 36.4





#5

Bromomethane

Concen: 19.438 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion: 94 Resp: 40645

Ion Ratio Lower Upper

94 100

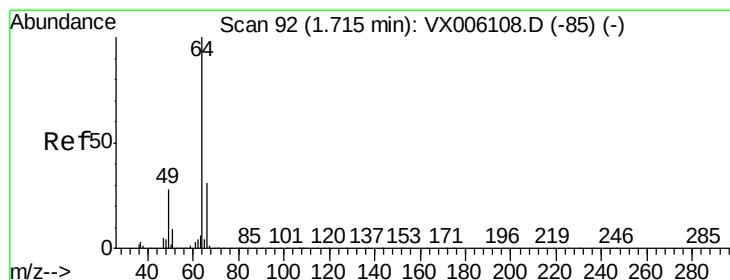
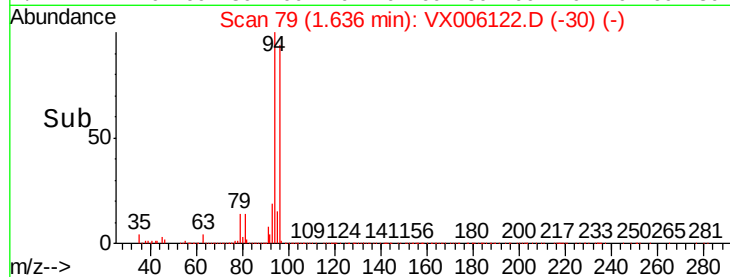
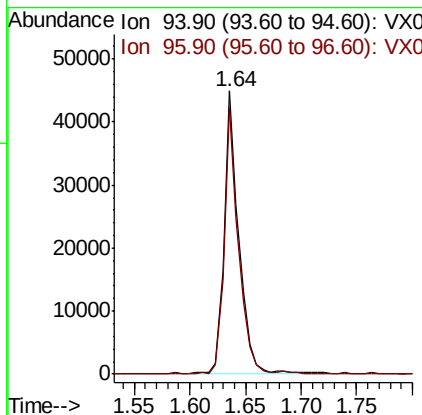
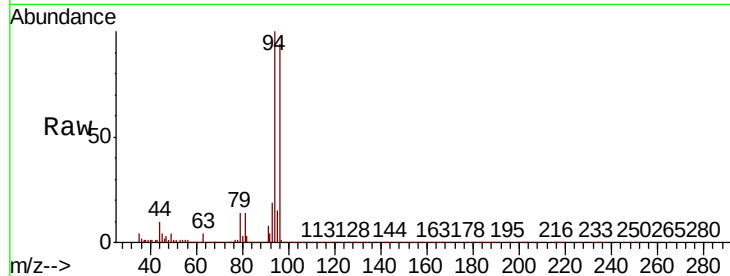
96 94.3 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 26.660 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006122.D

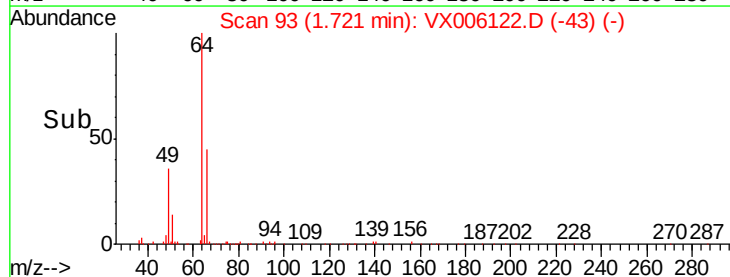
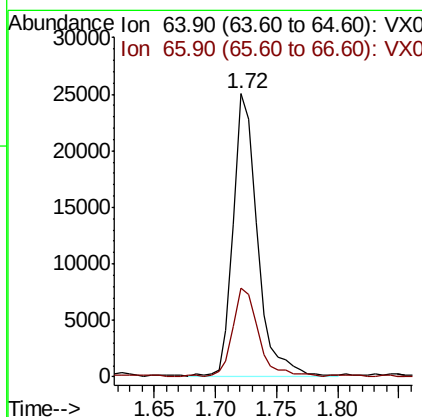
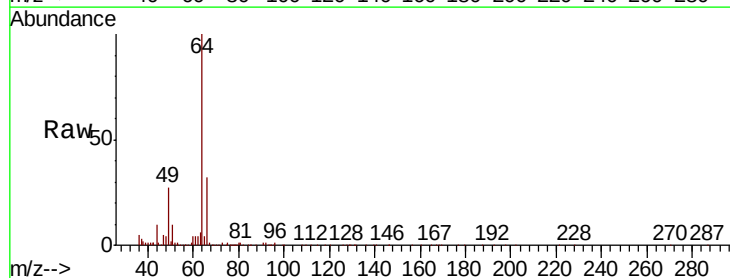
Acq: 21 Nov 2018 14:20

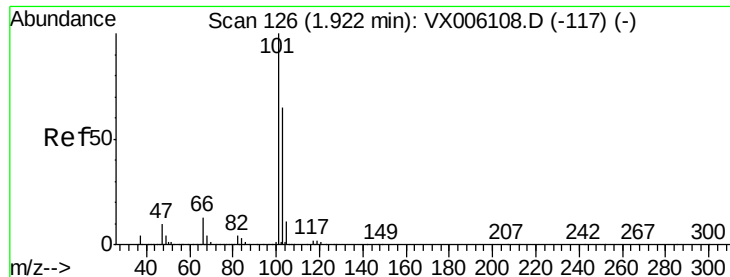
Tgt Ion: 64 Resp: 33913

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7





#7

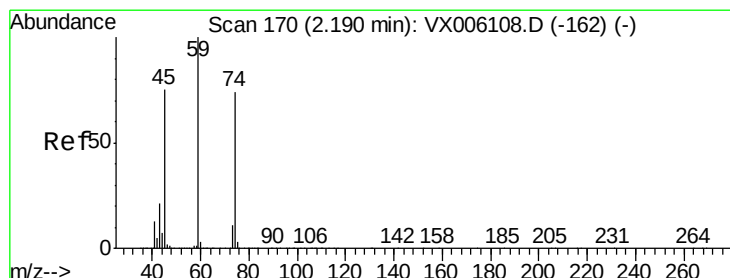
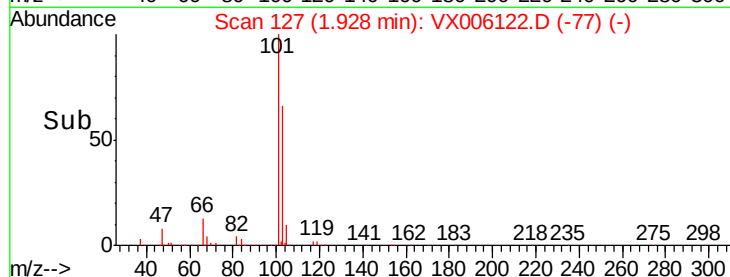
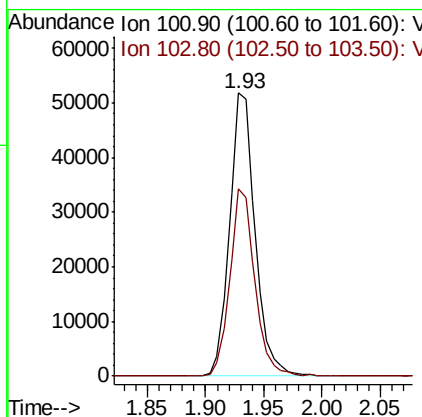
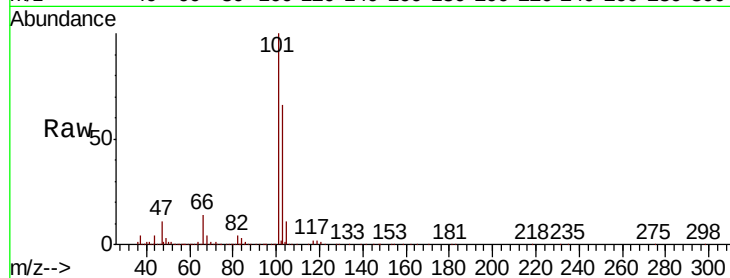
Trichlorofluoromethane
Concen: 19.418 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.1	78.1

Manual Integrations
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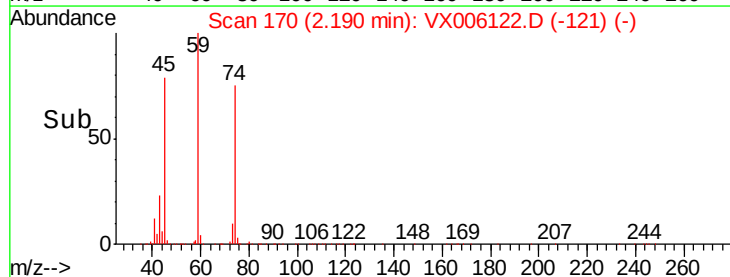
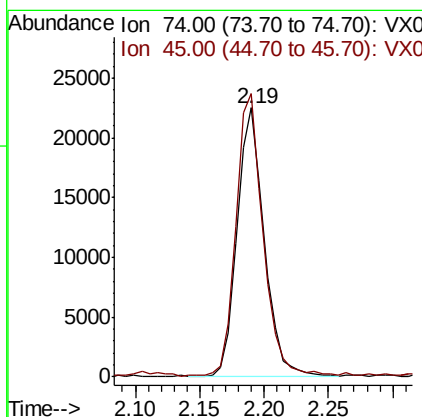
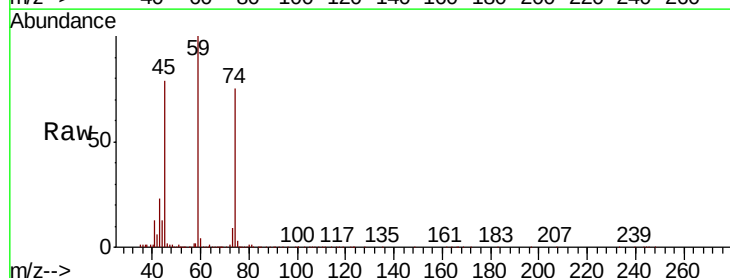
MMDadoda
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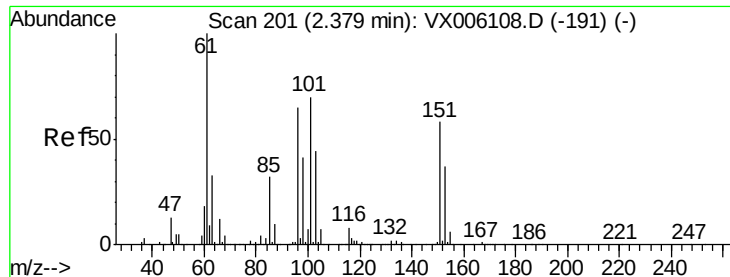


#8

Diethyl Ether
Concen: 19.263 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.8	52.2	156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.066 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

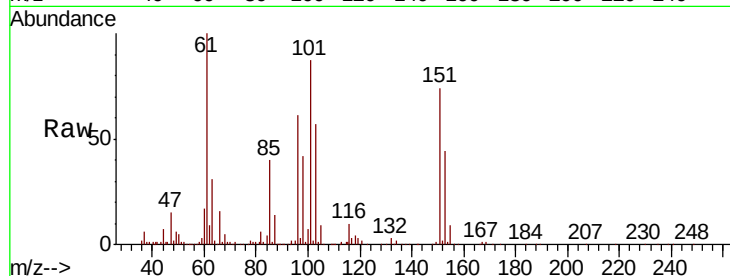
ClientSampleId :

VX1121WBS01

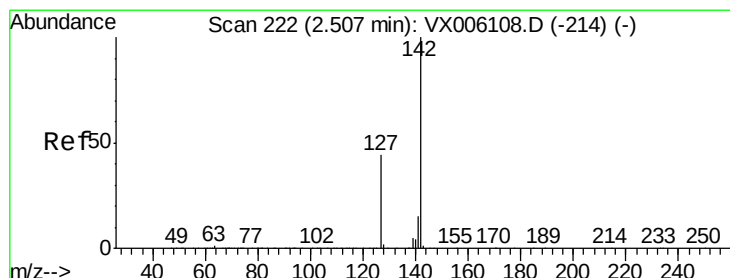
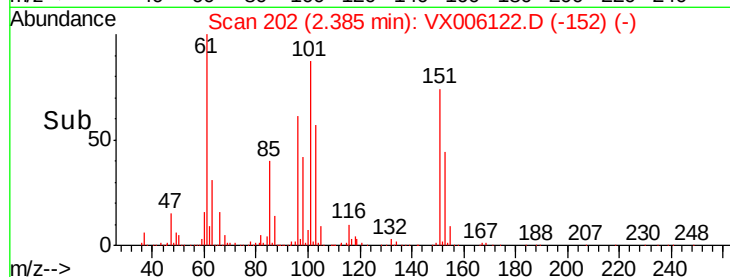
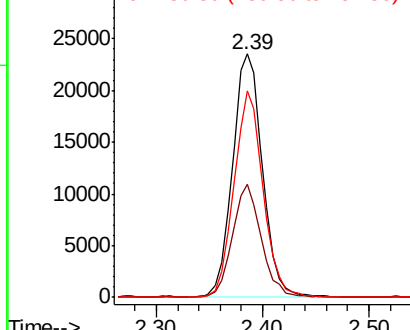
Tot Ion:	101	Resp:	46018
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.0	54.0
151	83.1	65.8	98.6

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.445 ug/l

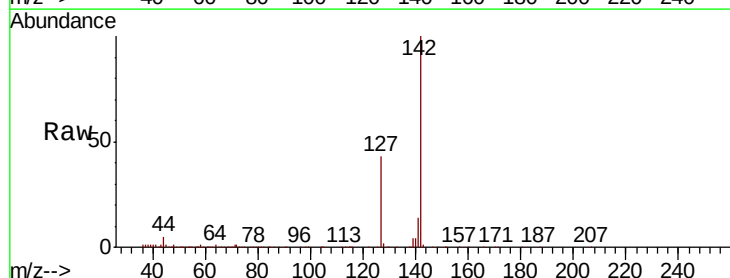
RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

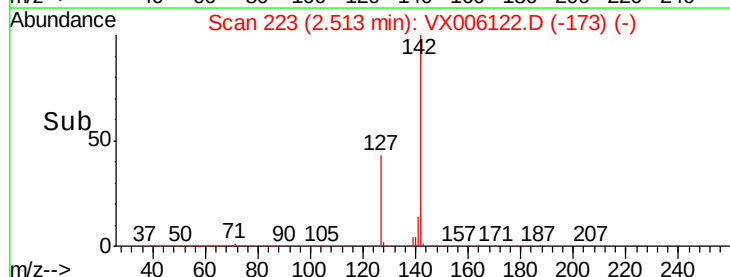
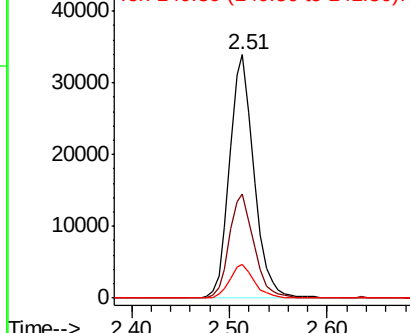
Lab File: VX006122.D

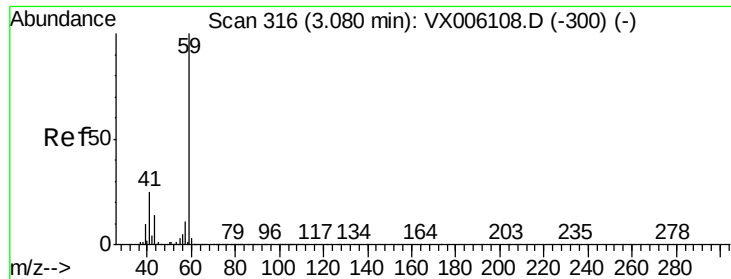
Acq: 21 Nov 2018 14:20

Tgt Ion:	142	Resp:	58842
Ion Ratio	Lower	Upper	
142	100		
127	43.5	36.0	54.0
141	14.1	11.7	17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

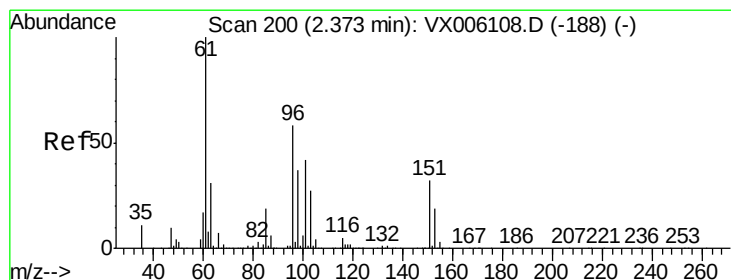
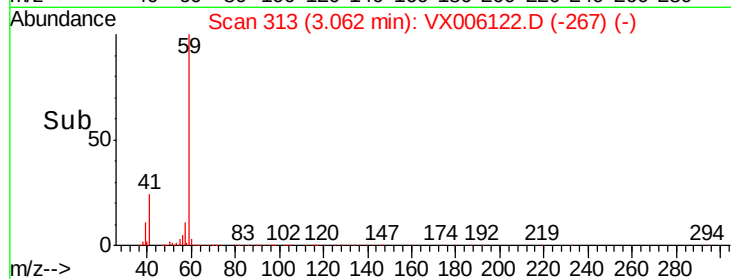
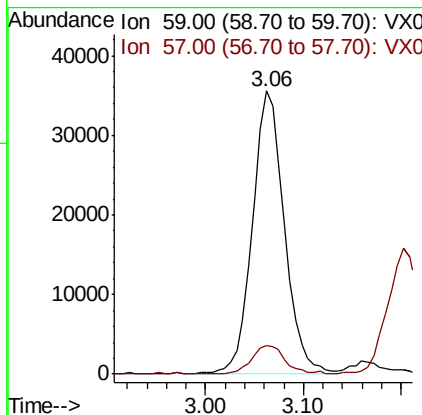
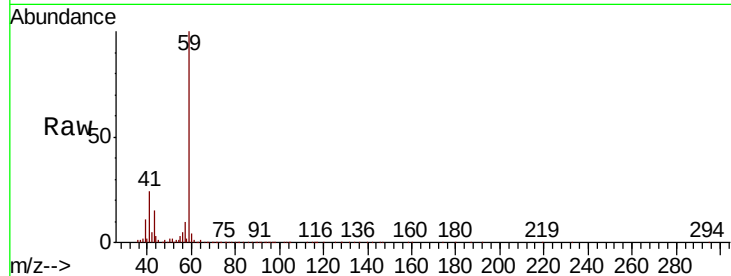
Tert butyl alcohol
Concen: 100.285 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.7	13.1

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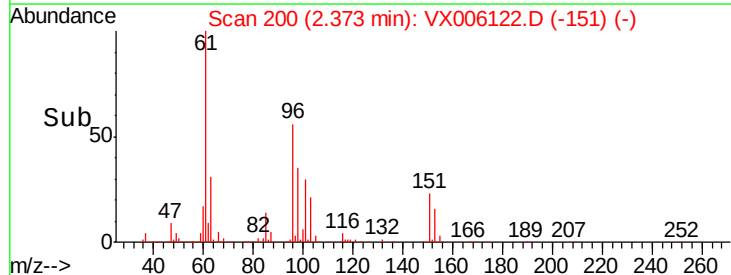
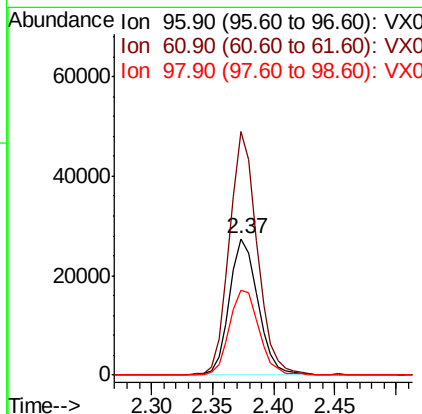
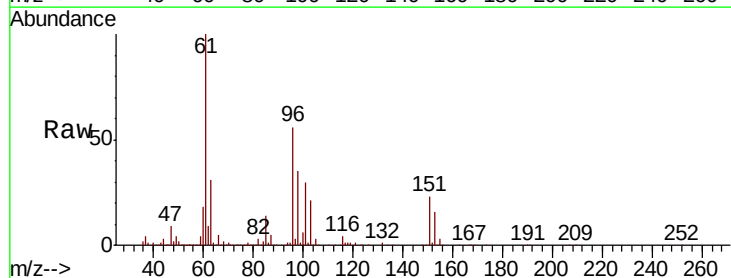
MMDadoda
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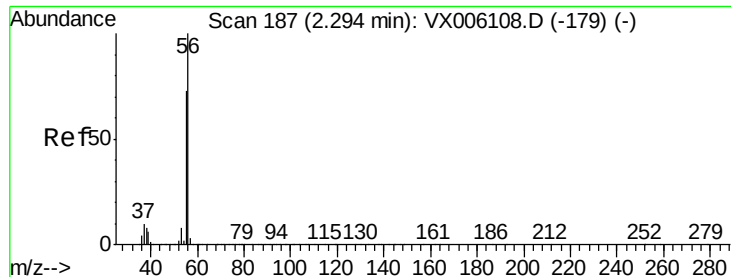


#12

1,1-Dichloroethene
Concen: 18.932 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.0	138.2	207.4
98	61.7	51.3	76.9





#13

Acrolein

Concen: 92.753 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion: 56 Resp: 44581

Ion Ratio Lower Upper

56 100

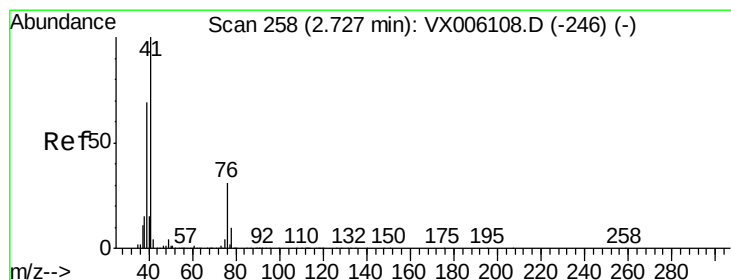
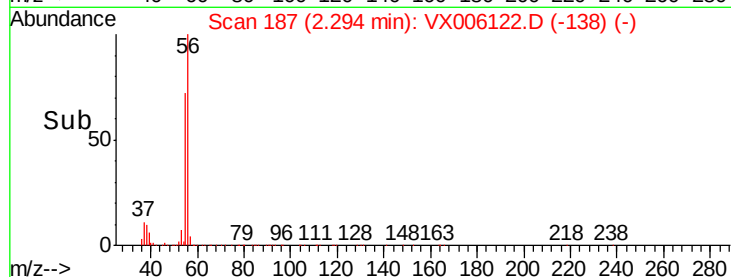
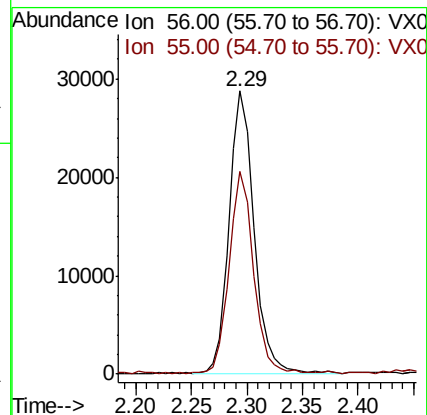
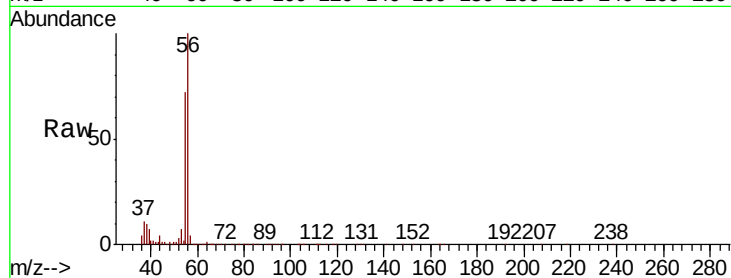
55 69.5 57.8 86.6

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#14

Allyl chloride

Concen: 19.543 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

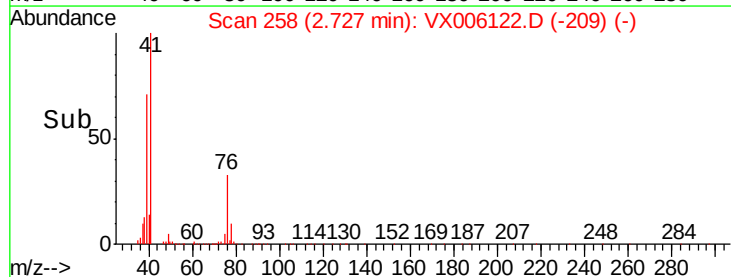
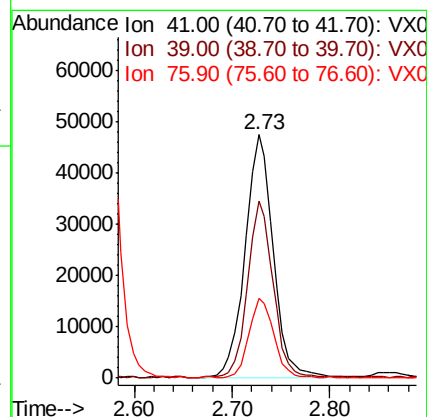
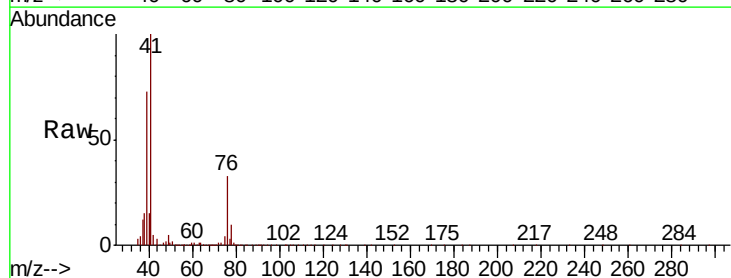
Tgt Ion: 41 Resp: 94075

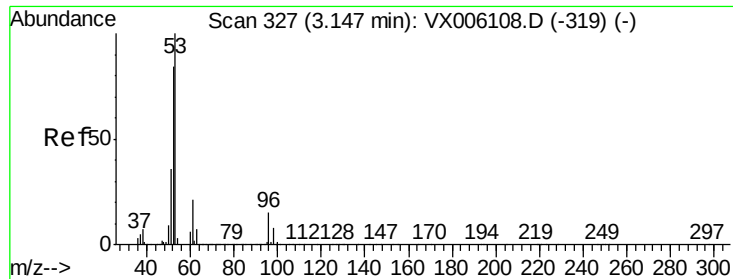
Ion Ratio Lower Upper

41 100

39 65.6 52.5 78.7

76 28.6 23.4 35.2





#15

Acrylonitrile

Concen: 97.348 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

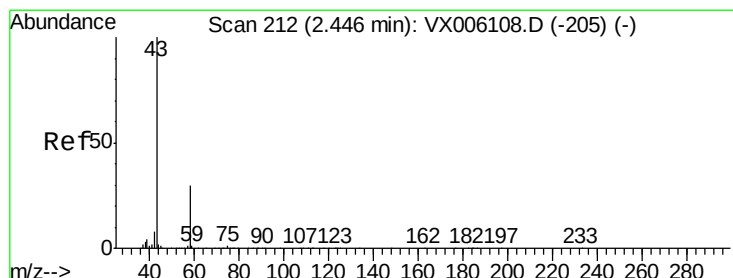
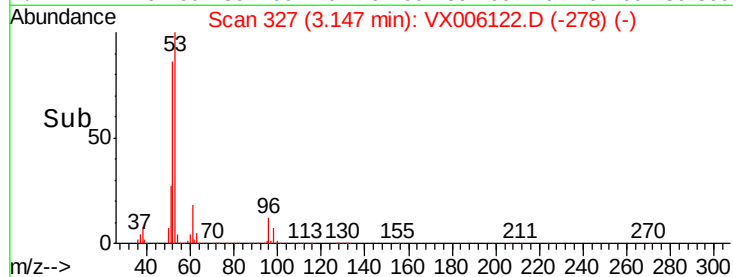
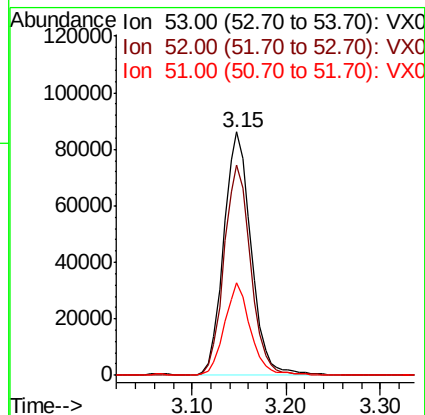
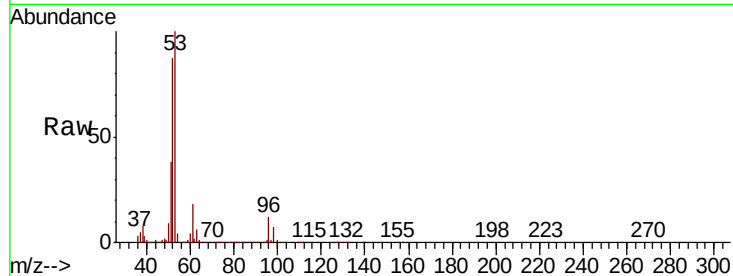
ClientSampleId :

VX1121WBS01

Tot Ion:	53	Resp:	172709
Ion	Ratio	Lower	Upper
53	100		
52	84.3	66.4	99.6
51	36.1	29.4	44.0

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#16

Acetone

Concen: 95.865 ug/l

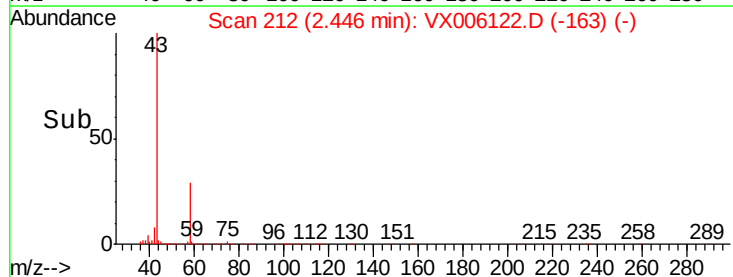
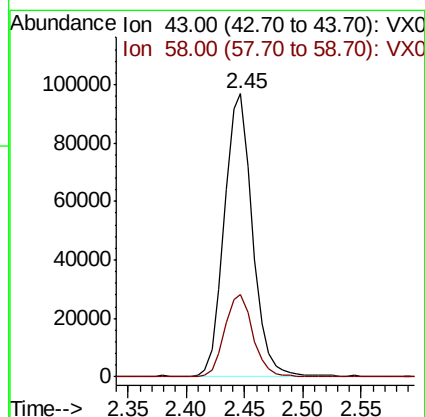
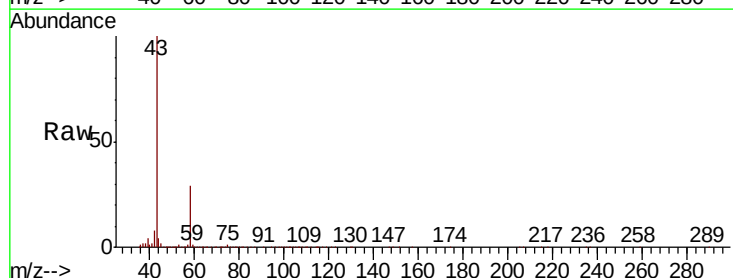
RT: 2.45 min Scan# 212

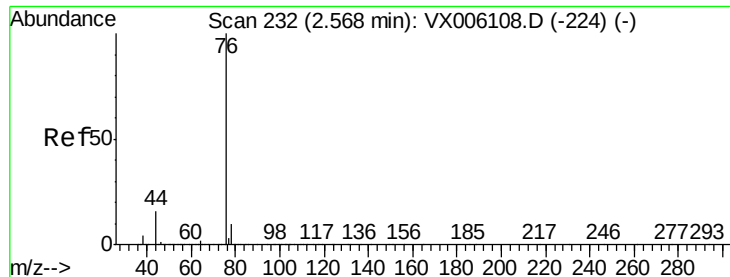
Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Tgt Ion:	43	Resp:	160625
Ion	Ratio	Lower	Upper
43	100		
58	29.0	23.8	35.8





#17

Carbon Disulfide

Concen: 18.767 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion: 76 Resp: 119234

Ion Ratio Lower Upper

76 100

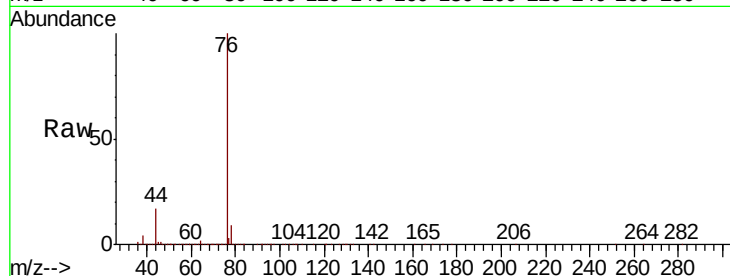
78 8.6 7.7 11.5

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

80000

60000

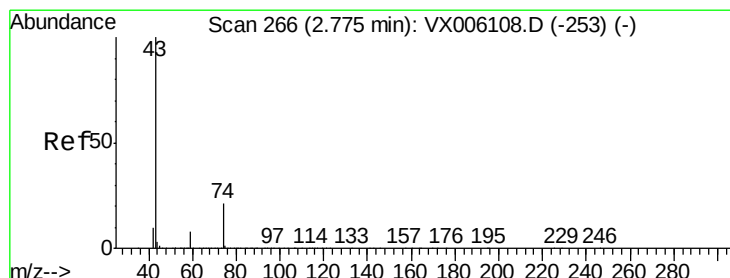
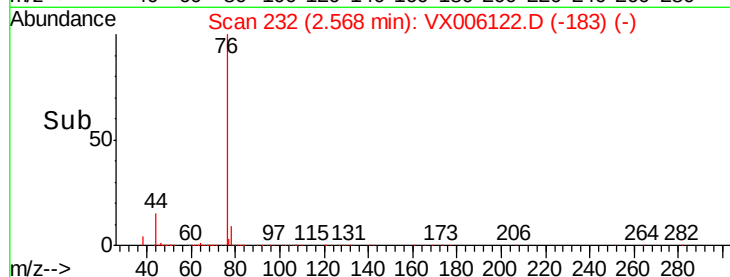
40000

20000

0

2.50 2.55 2.60 2.65 2.70

Time-->



#18

Methyl Acetate

Concen: 20.452 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006122.D

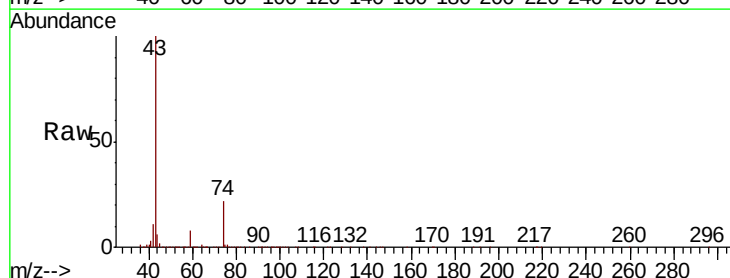
Acq: 21 Nov 2018 14:20

Tgt Ion: 43 Resp: 87878

Ion Ratio Lower Upper

43 100

74 22.0 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

50000

40000

30000

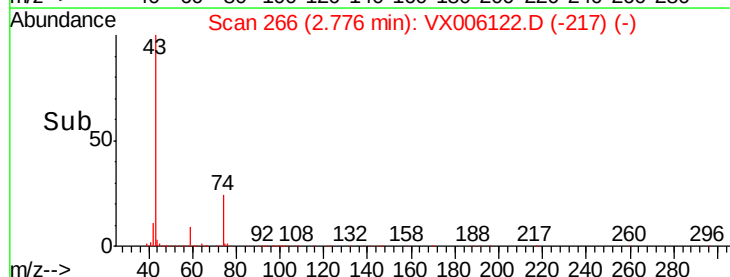
20000

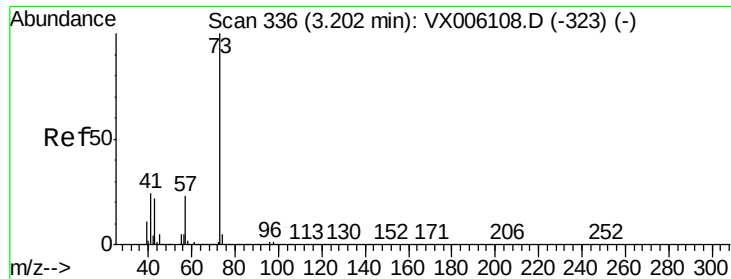
10000

0

2.70 2.75 2.80 2.85 2.90

Time-->





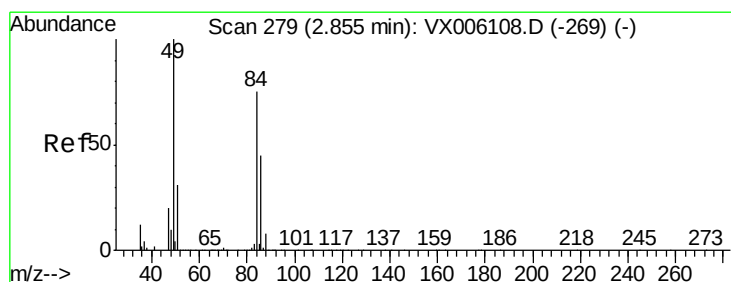
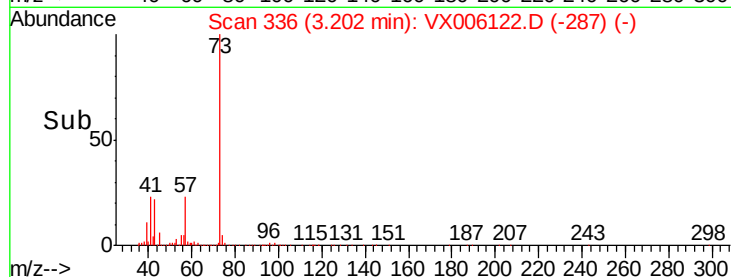
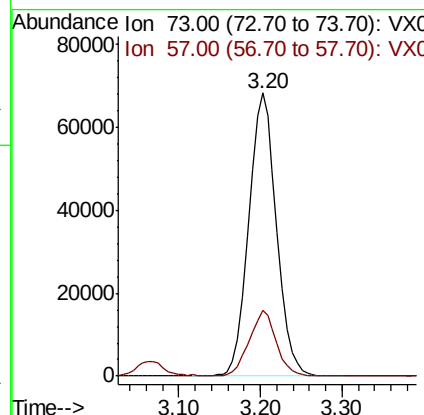
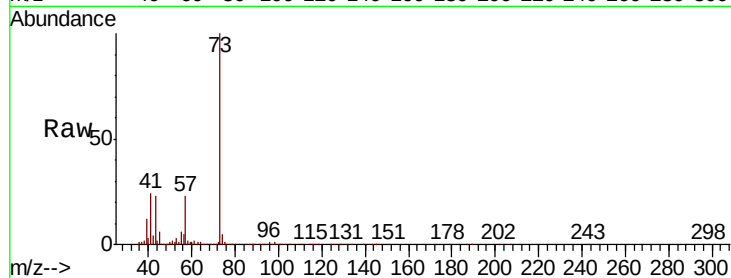
#19
Methyl tert-butyl Ether
Concen: 19.791 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.2	27.4

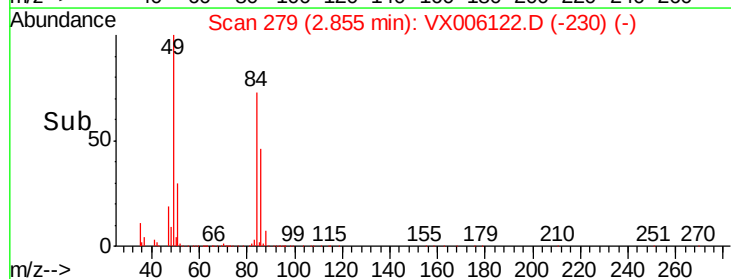
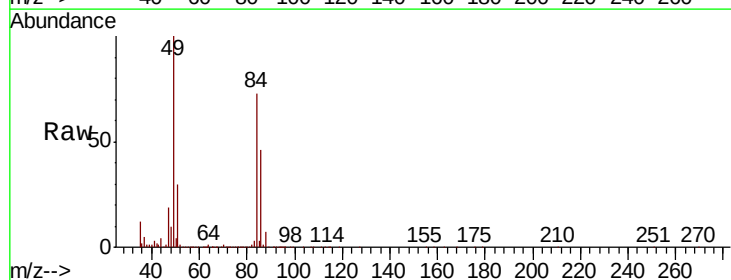
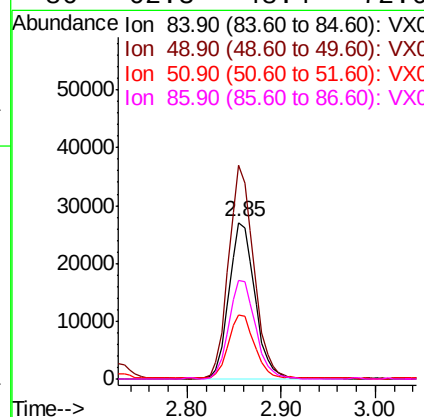
Manual Integrations
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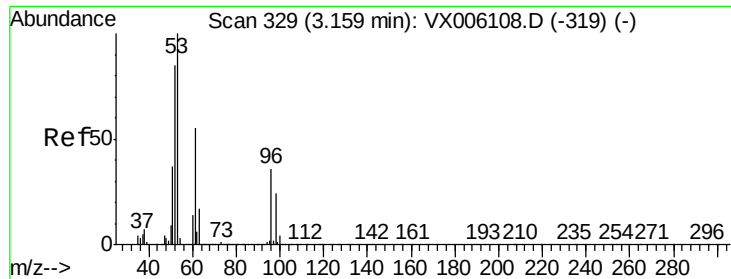
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#20
Methylene Chloride
Concen: 20.273 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.3	106.6	159.8
51	39.9	32.6	49.0
86	62.3	48.4	72.6





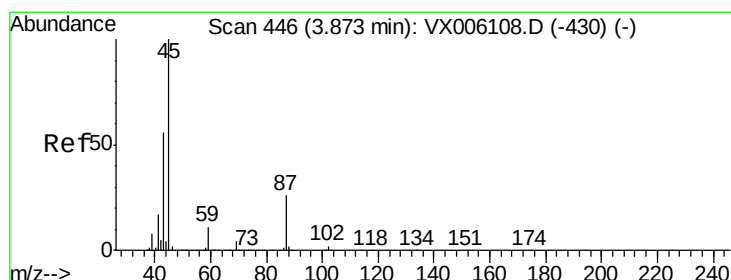
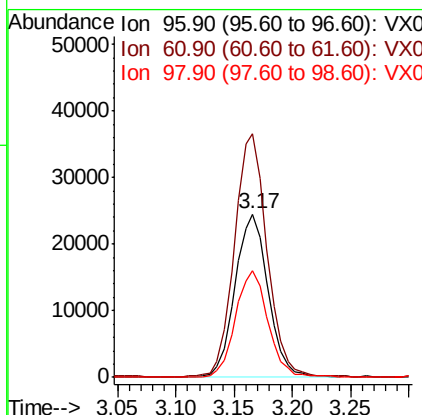
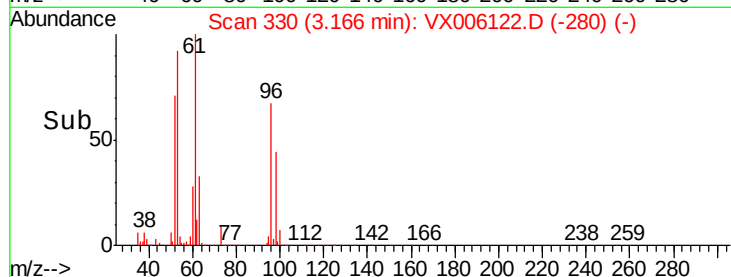
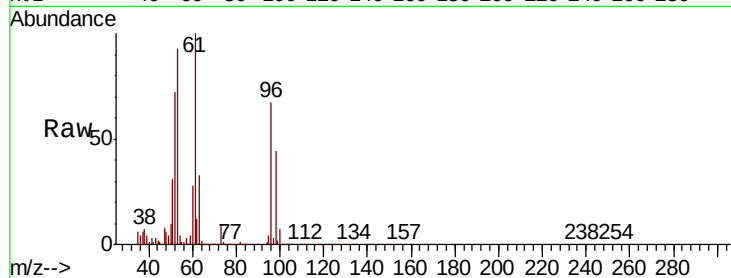
#21
trans-1,2-Dichloroethene
Concen: 19.507 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.8	122.0	183.0
98	65.5	52.7	79.1

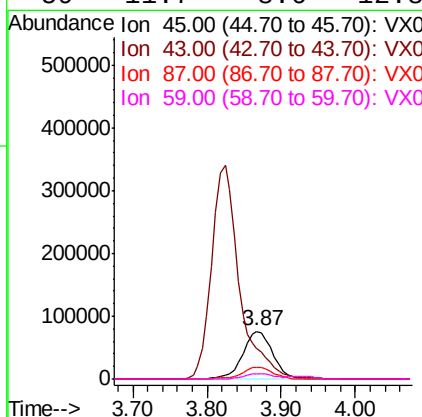
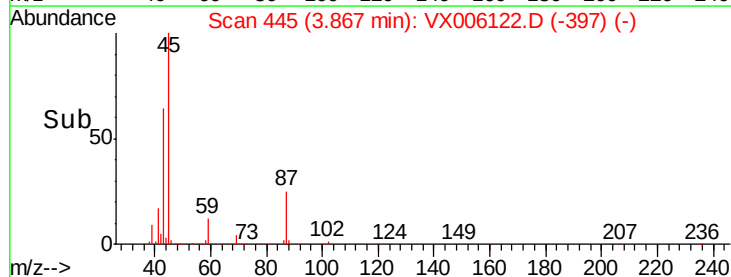
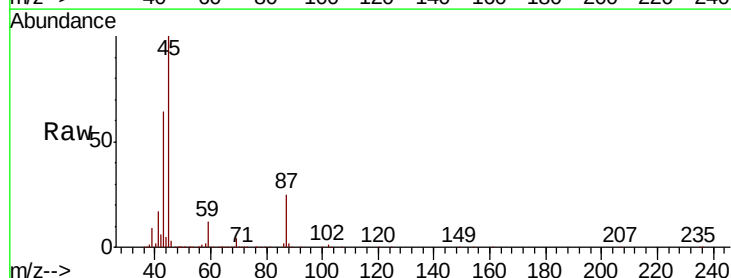
Manual Integrations
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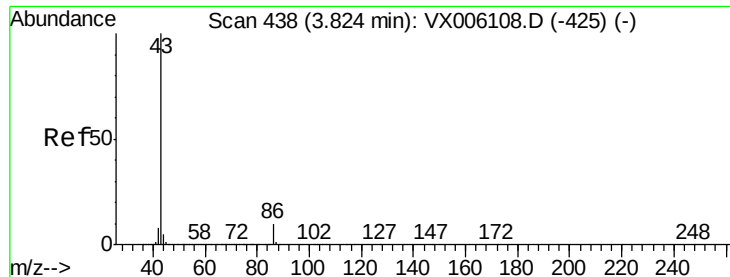
MMDadoda
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#22
Diisopropyl ether
Concen: 20.635 ug/l
RT: 3.87 min Scan# 445
Delta R.T. -0.01 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.1	45.8	68.8
87	25.0	21.0	31.4
59	11.7	8.6	12.8





#23

Vinyl Acetate

Concen: 103.293 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion: 43 Resp: 883090

Ion Ratio Lower Upper

43 100

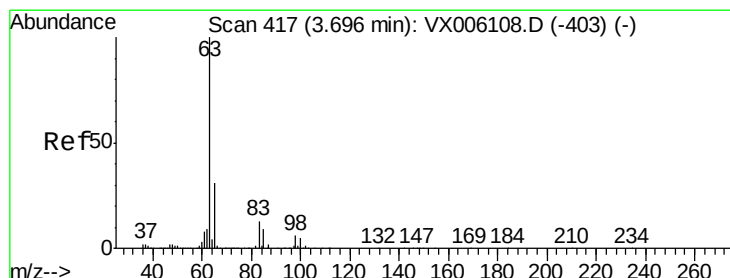
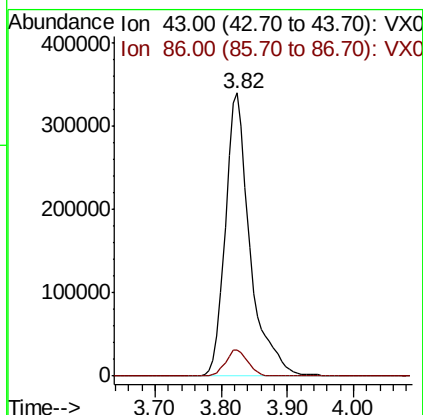
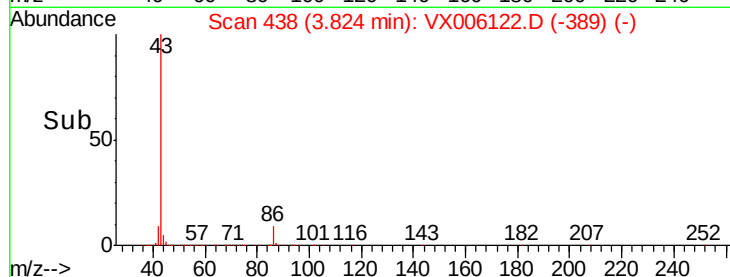
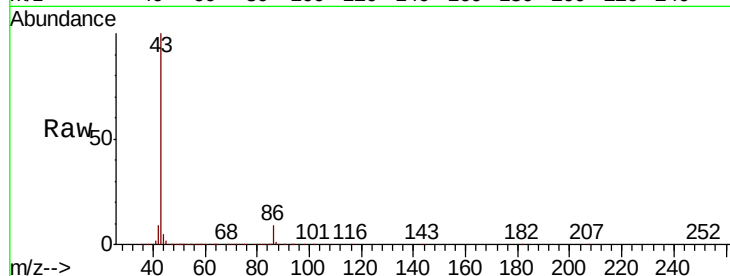
86 9.1 7.6 11.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.871 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

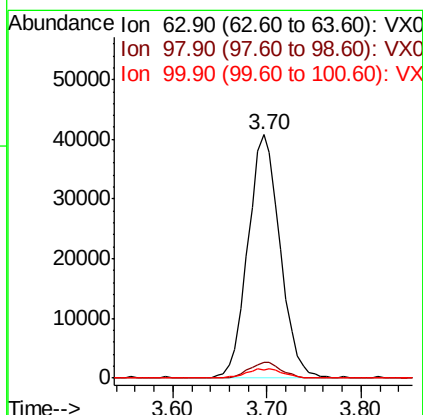
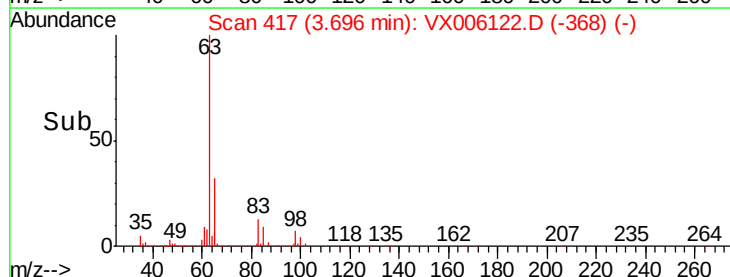
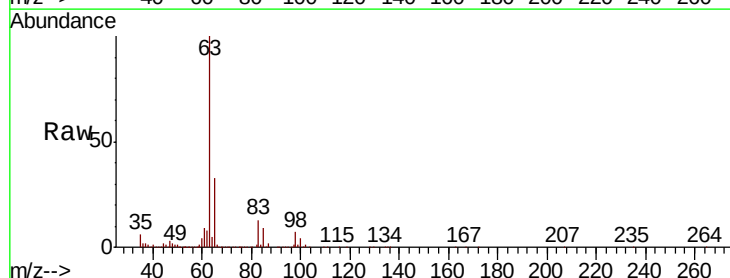
Tgt Ion: 63 Resp: 96473

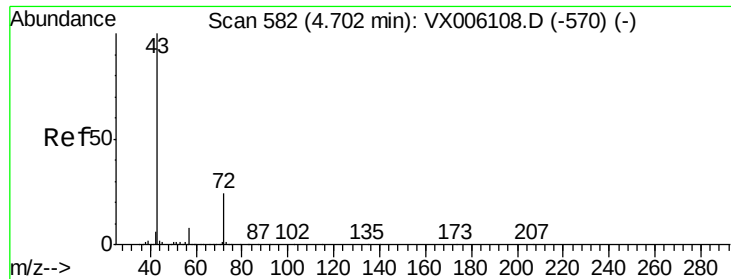
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 3.6 2.4 7.1





#25

2-Butanone

Concen: 98.483 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion: 43 Resp: 306282

Ion Ratio Lower Upper

43 100

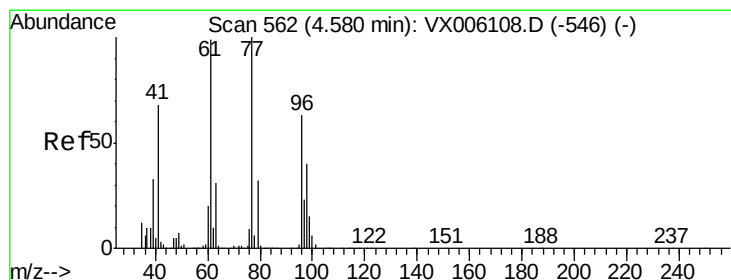
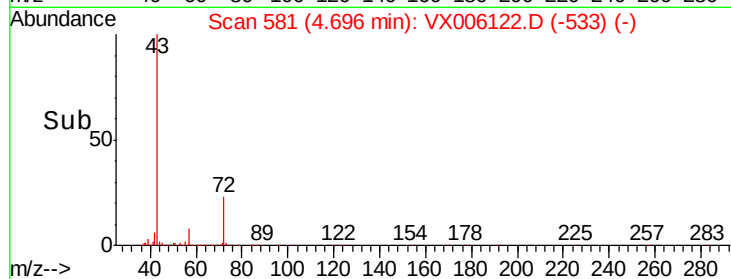
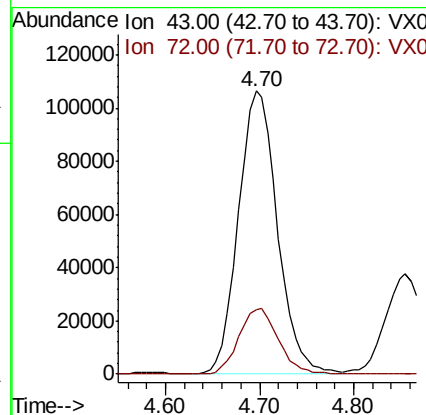
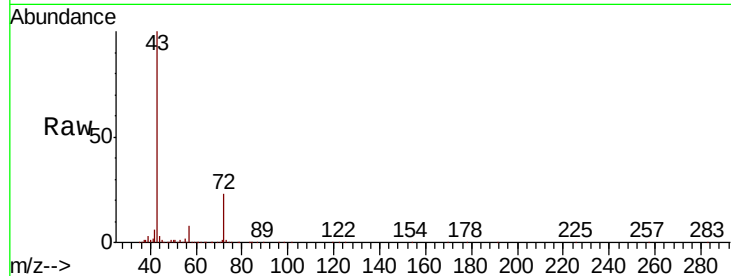
72 22.9 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.635 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX006122.D

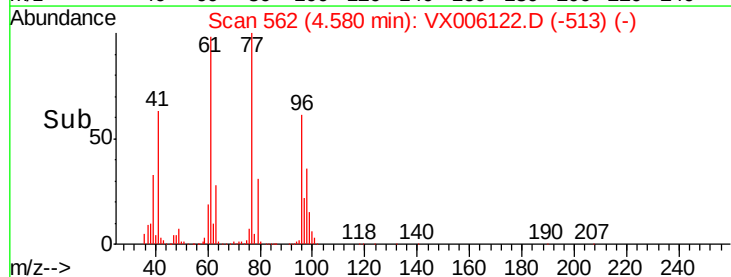
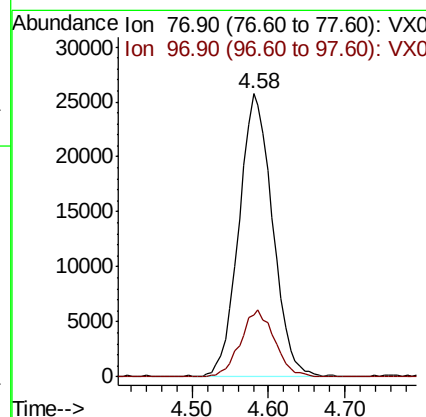
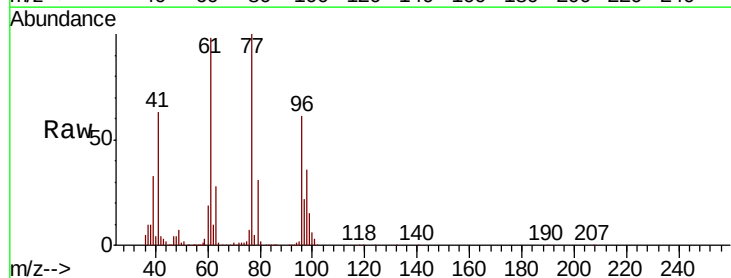
Acq: 21 Nov 2018 14:20

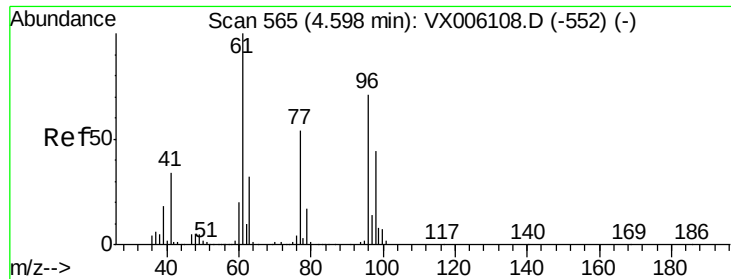
Tgt Ion: 77 Resp: 78566

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.5





#27

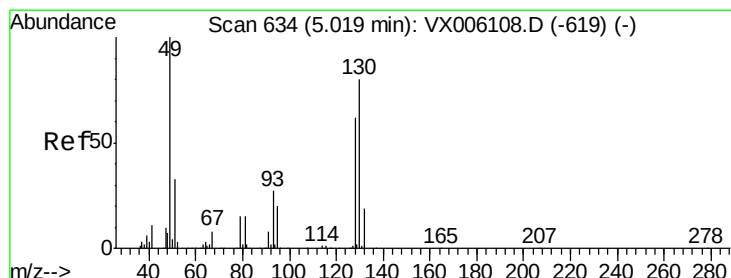
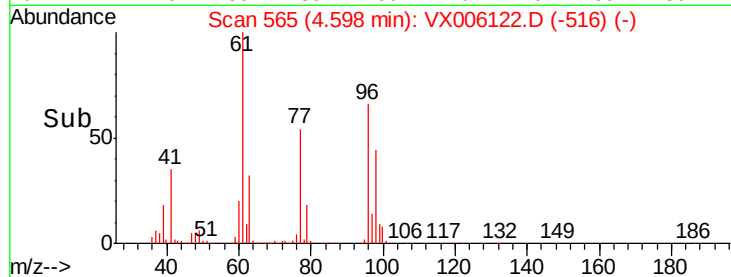
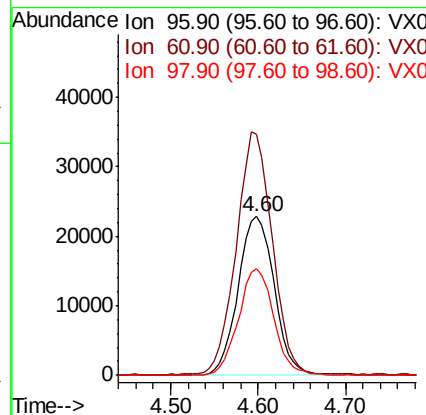
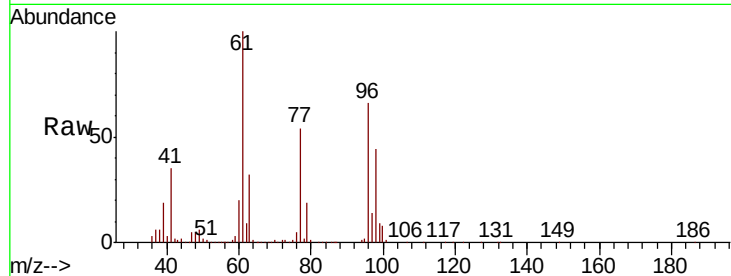
cis-1,2-Dichloroethene
Concen: 19.147 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	65881		
61	154.0	0.0	291.6	
98	65.7	0.0	128.2	

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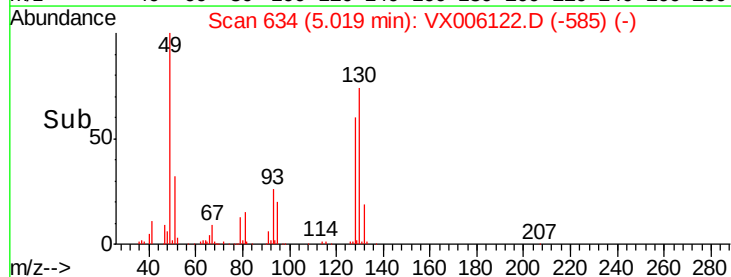
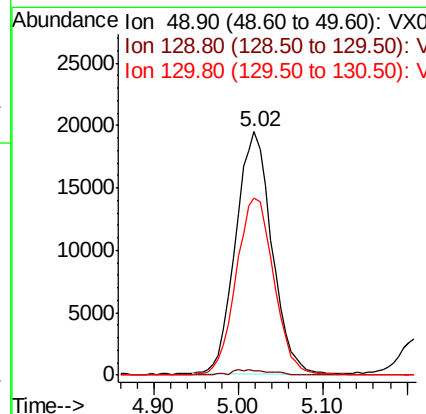
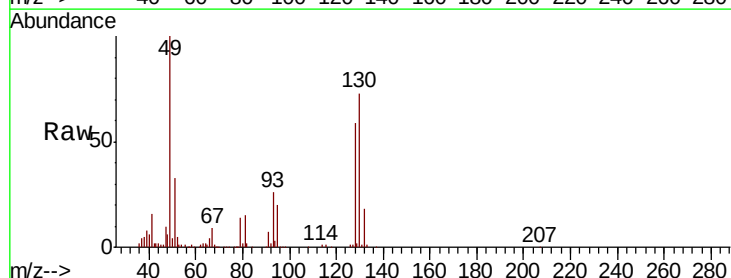
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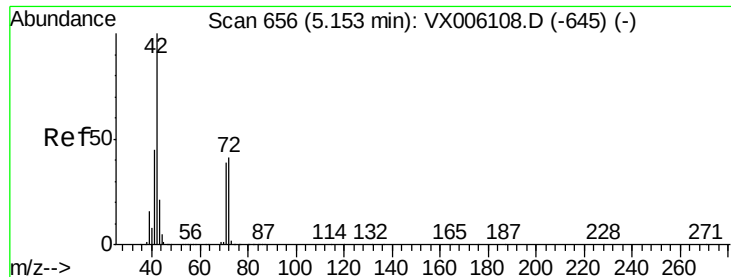


#28

Bromochloromethane
Concen: 19.966 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	56496		
129	2.4	0.0	4.4	
130	76.3	61.6	92.4	





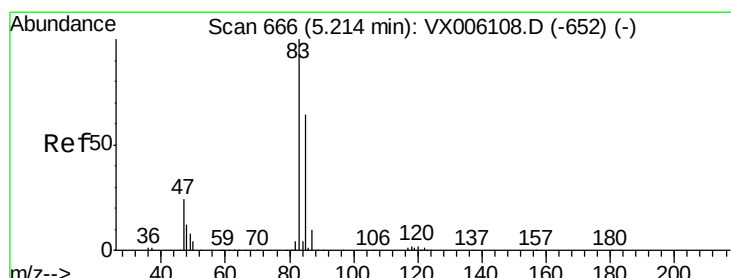
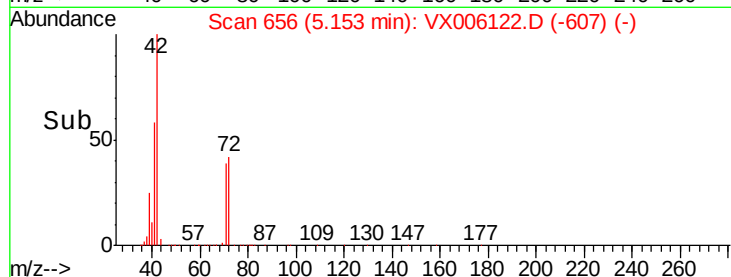
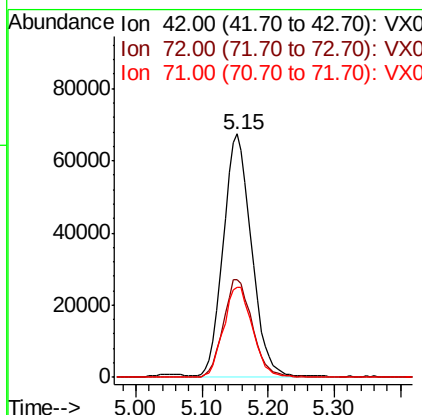
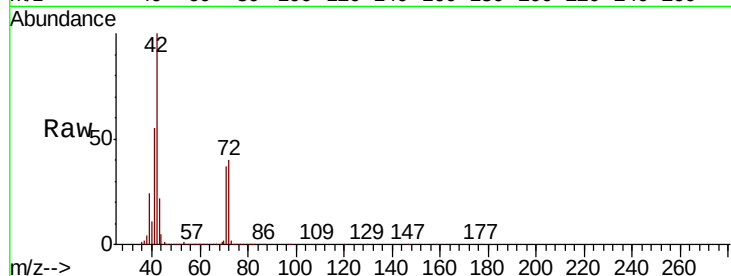
#29
Tetrahydrofuran
Concen: 102.581 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.3	33.0	49.6
71	38.2	31.0	46.4

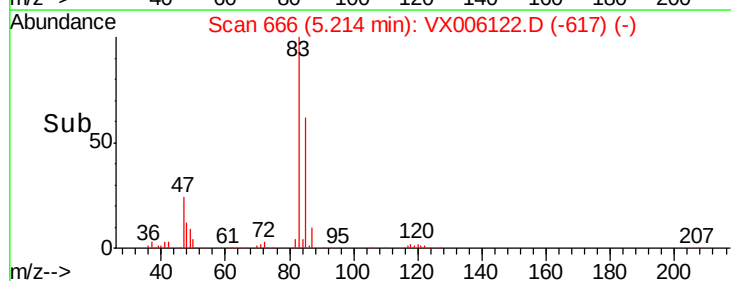
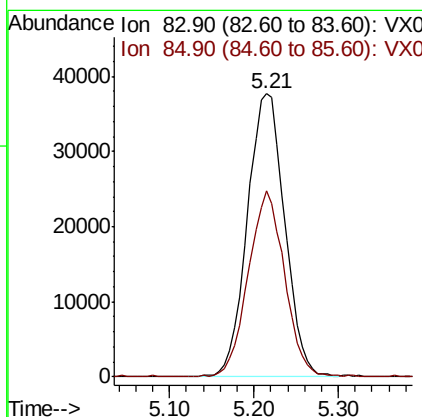
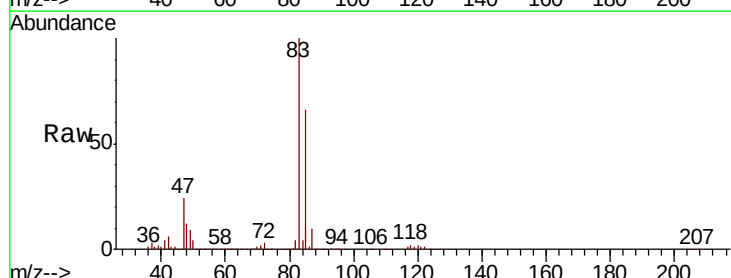
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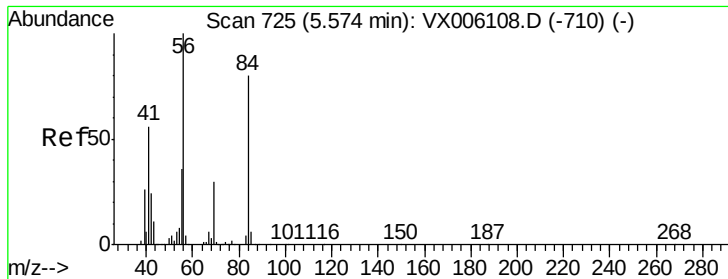
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#30
Chloroform
Concen: 19.262 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.0	76.4





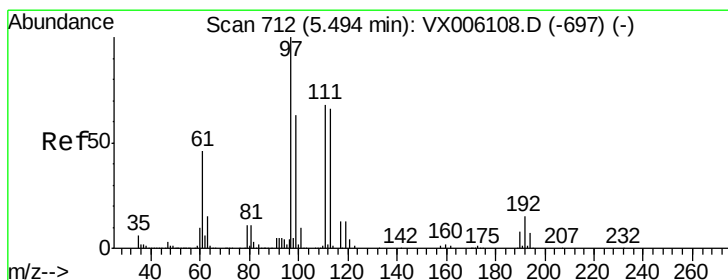
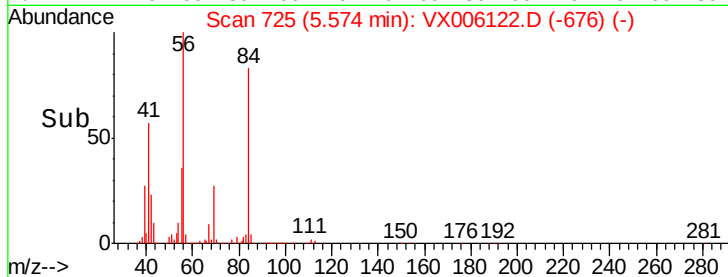
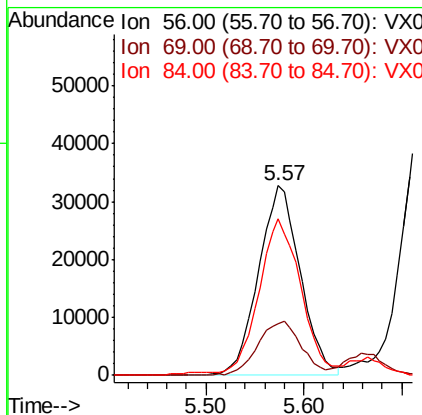
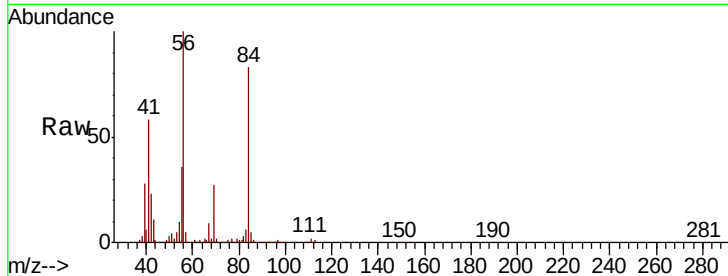
#31
Cyclohexane
Concen: 19.121 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	26.8	23.9	35.9
84	81.0	63.6	95.4

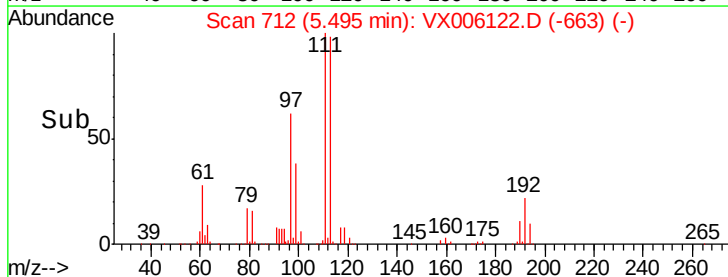
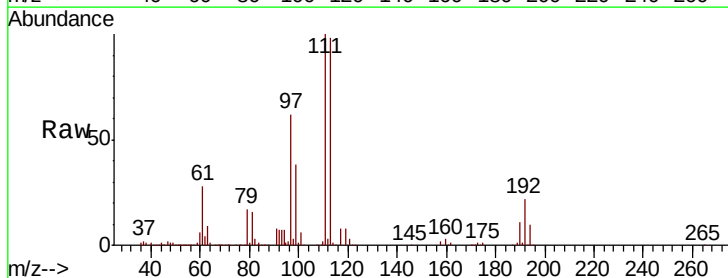
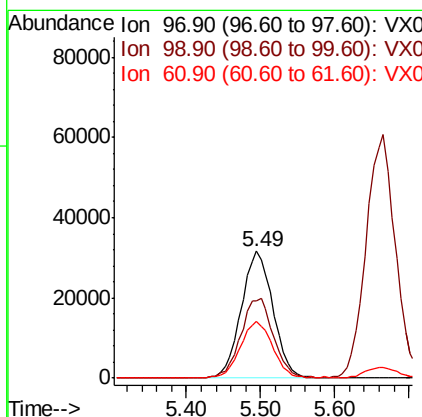
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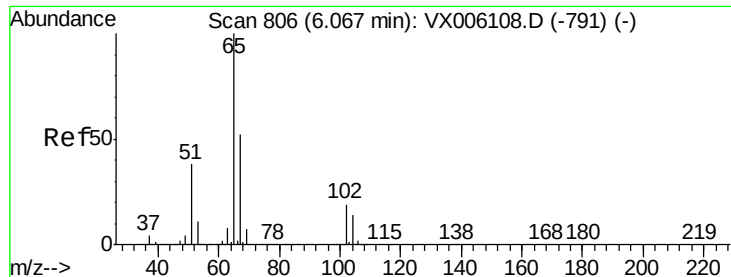
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#32
1,1,1-Trichloroethane
Concen: 19.902 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.6	77.4
61	46.0	36.6	55.0





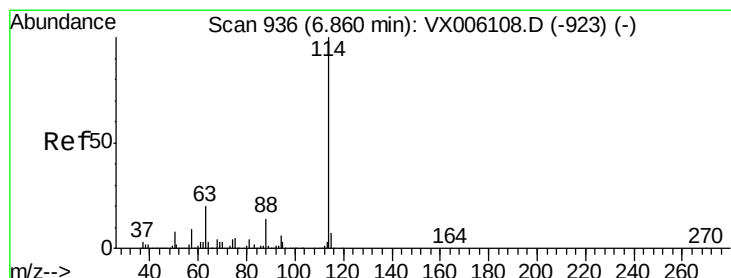
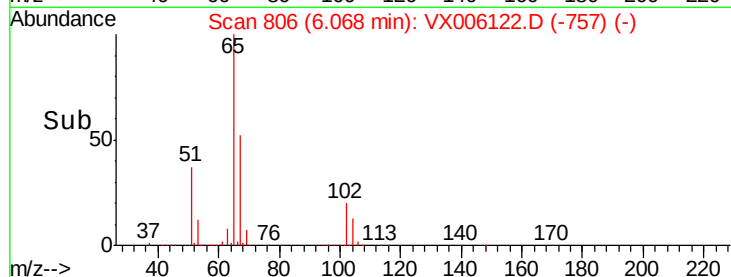
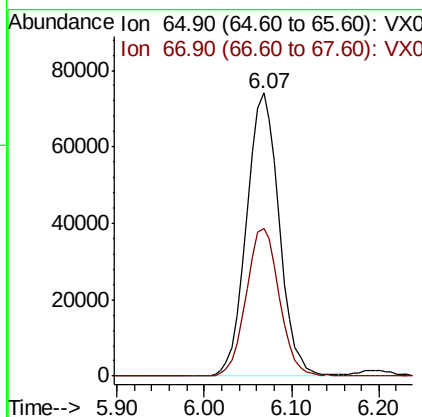
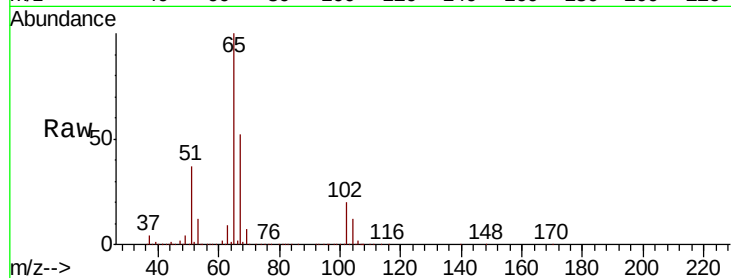
#33
 1,2-Dichloroethane-d4
 Concen: 50.865 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006122.D
 Acq: 21 Nov 2018 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	192060		
67	52.9	0.0	105.8	

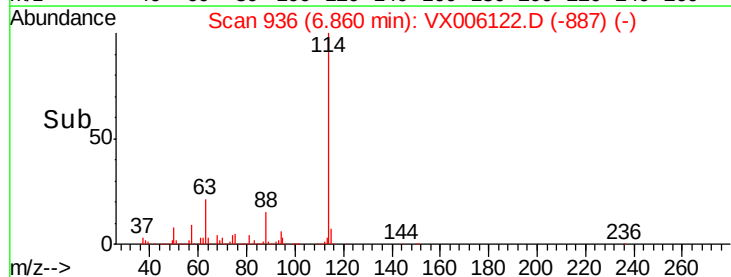
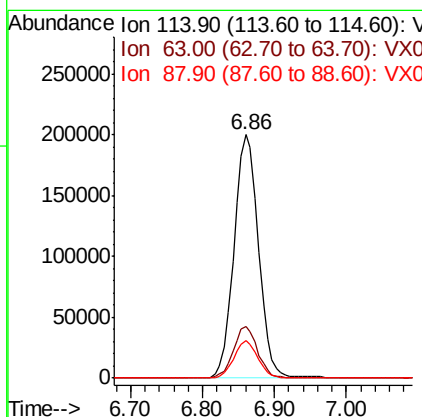
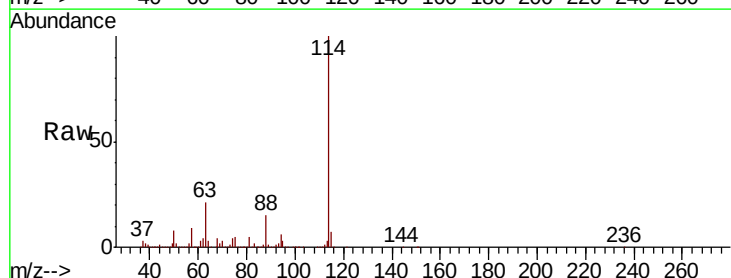
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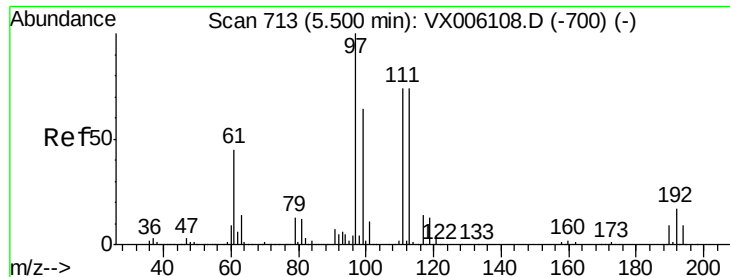
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006122.D
 Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	473039		
63	21.4	0.0	39.2	
88	15.3	0.0	28.6	





#35

Dibromofluoromethane

Concen: 50.335 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

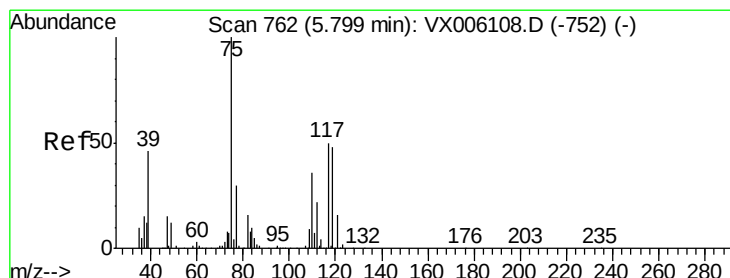
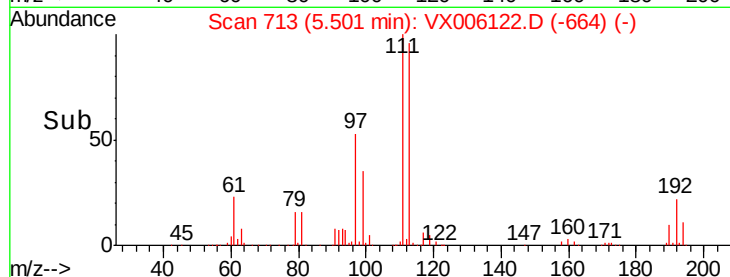
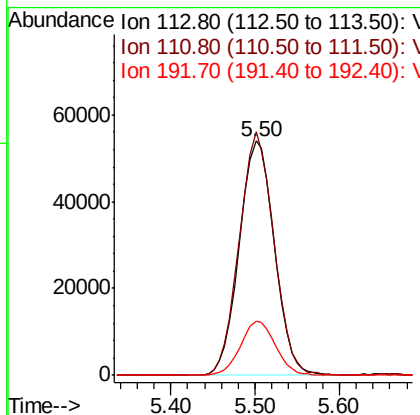
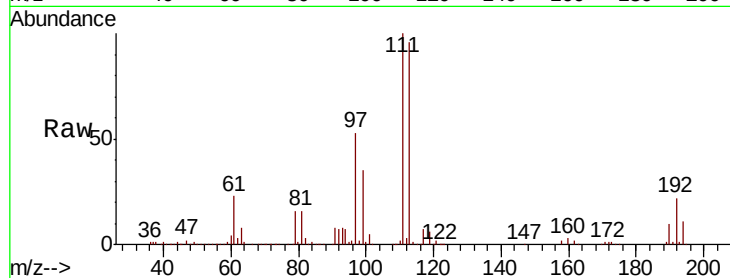
ClientSampleId :

VX1121WBS01

Tot Ion:	113	Resp:	152842
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.5	122.3
192	23.0	18.6	28.0

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#36

1,1-Dichloropropene

Concen: 19.354 ug/l

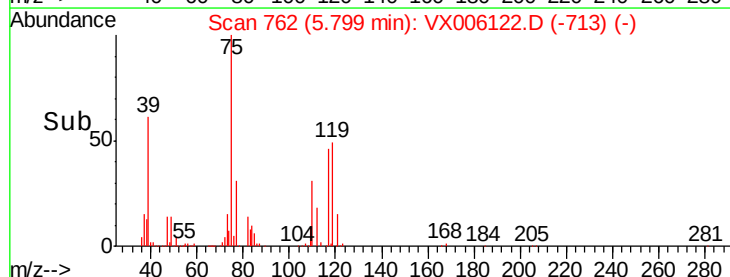
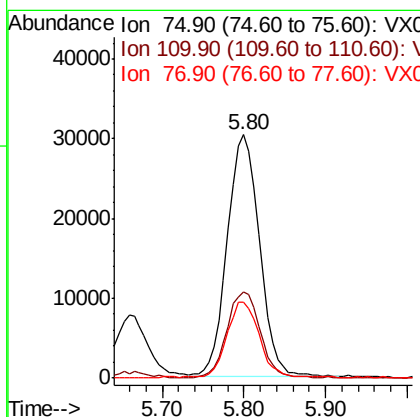
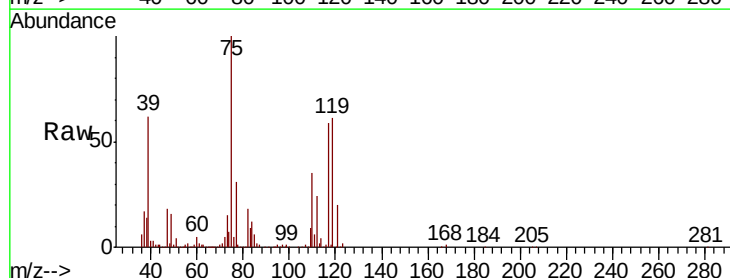
RT: 5.80 min Scan# 762

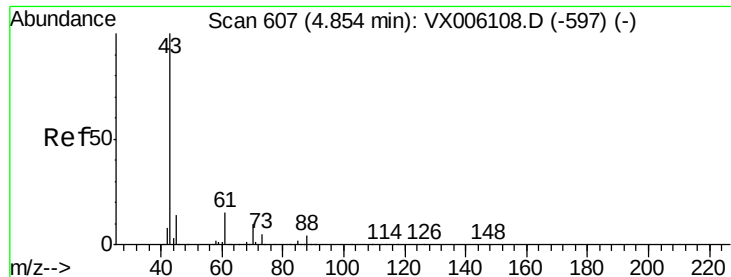
Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Tgt Ion:	75	Resp:	83290
Ion Ratio	Lower	Upper	
75	100		
110	36.8	17.8	53.3
77	30.7	24.5	36.7





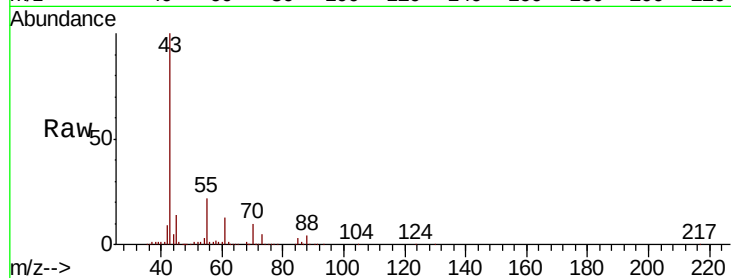
#37
Ethyl Acetate
Concen: 19.939 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

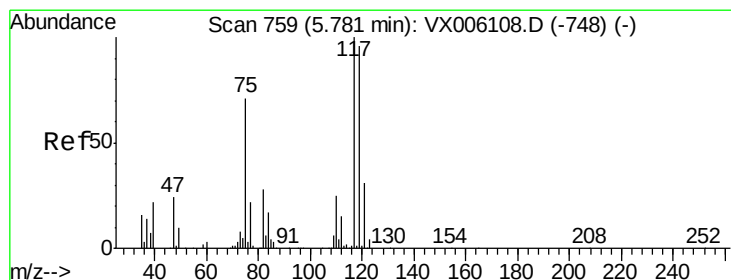
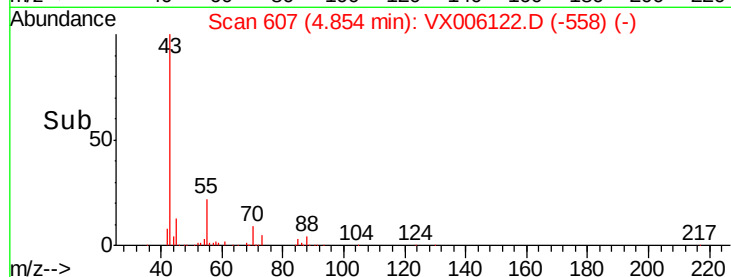
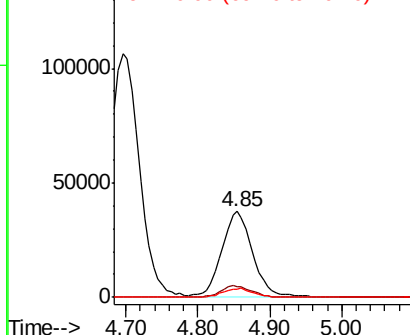
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.5	15.7
70	10.5	7.9	11.9

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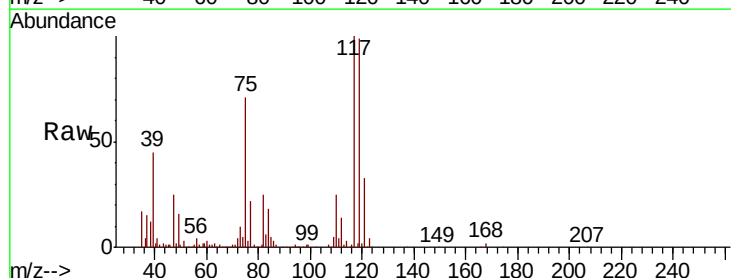


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

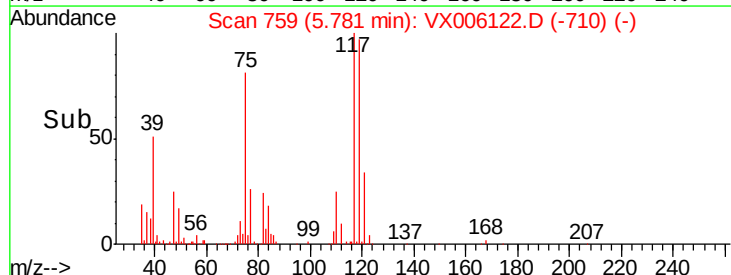
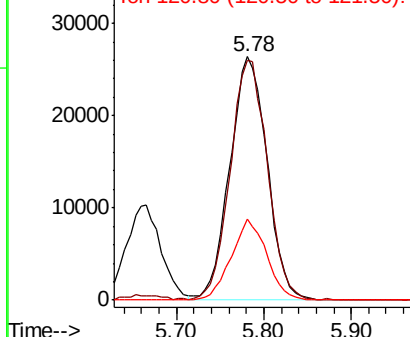


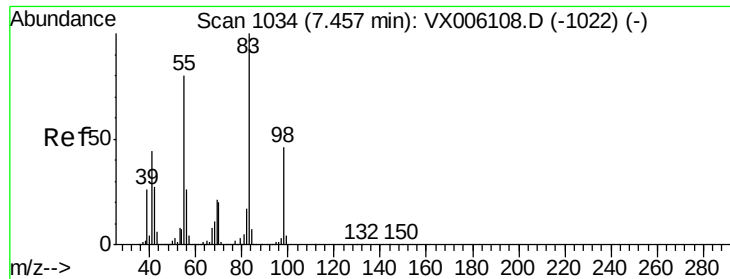
#38
Carbon Tetrachloride
Concen: 19.302 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	76.3	114.5
121	33.4	24.7	37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





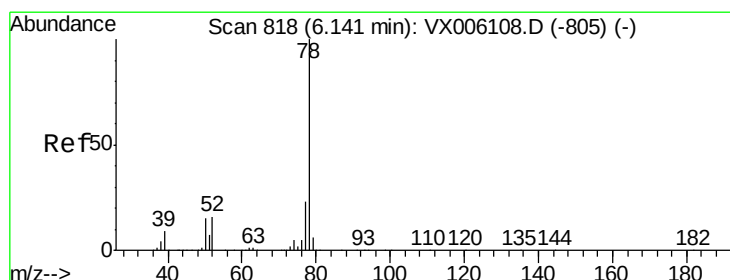
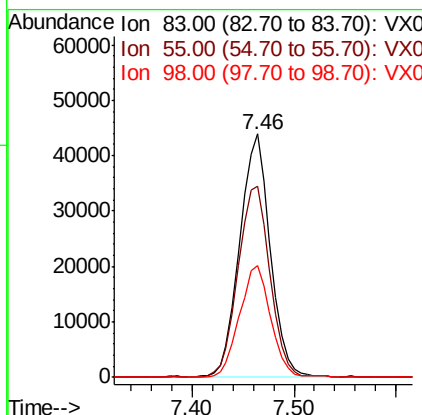
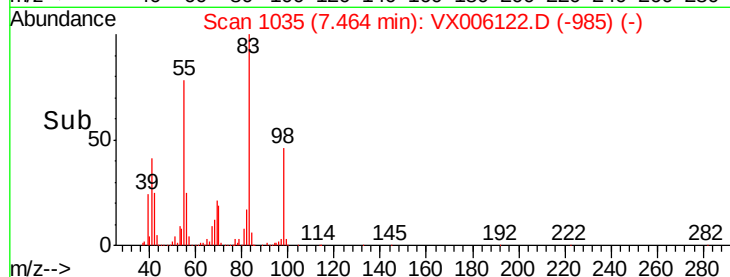
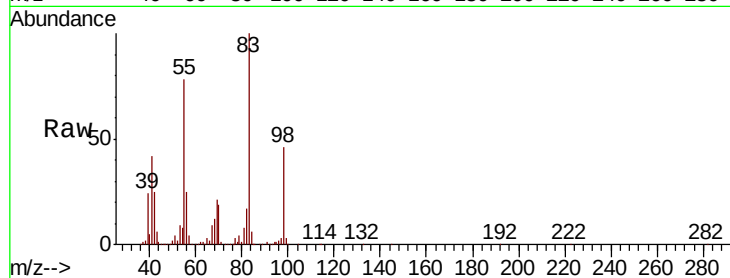
#39
Methylvlcyclohexane
Concen: 18.660 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	83	Resp	91486
Ion Ratio	Lower	Upper	
83	100		
55	78.2	63.9	95.9
98	45.8	36.8	55.2

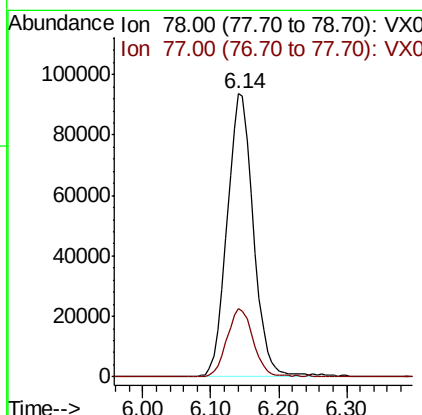
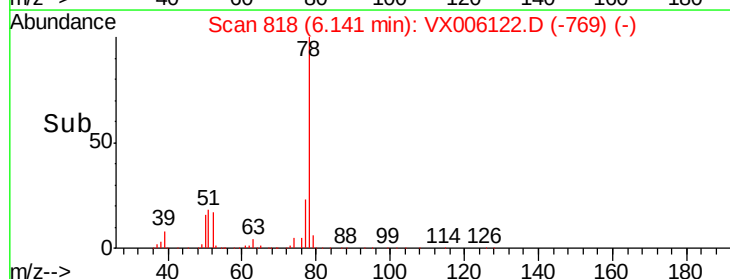
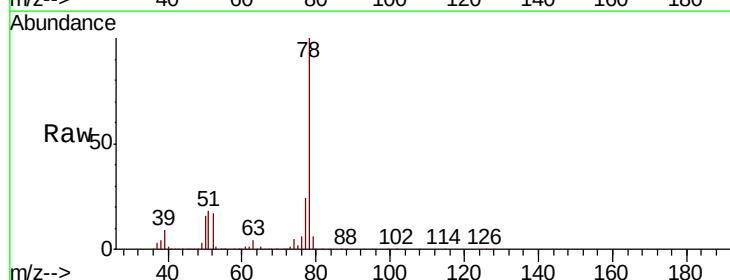
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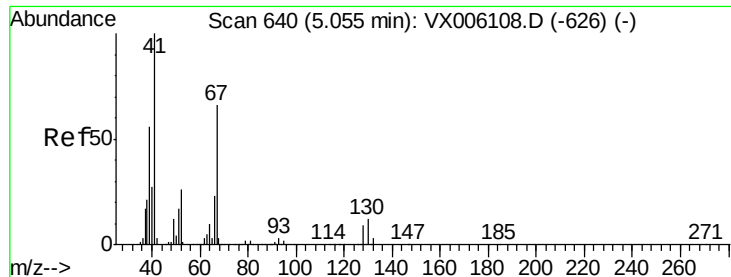
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#40
Benzene
Concen: 19.857 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	78	Resp	251769
Ion Ratio	Lower	Upper	
78	100		
77	24.0	18.8	28.2





#41

Methacrylonitrile

Concen: 19.990 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

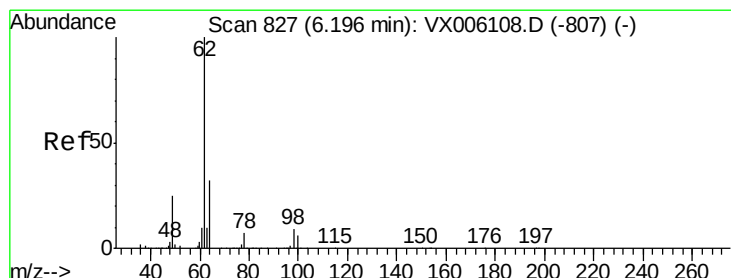
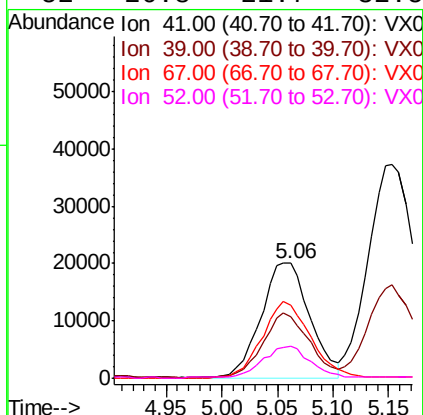
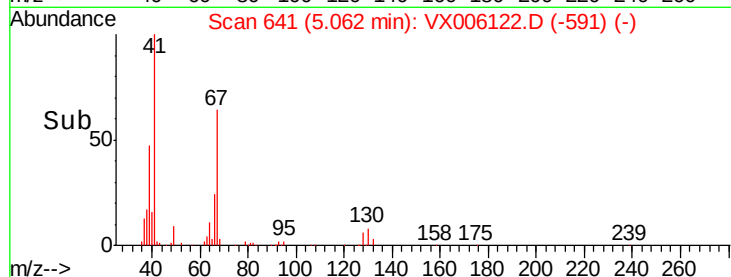
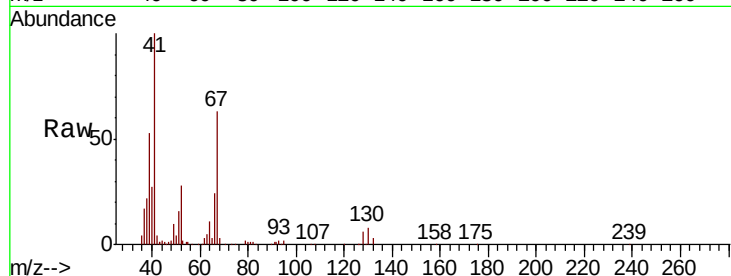
ClientSampleId :

VX1121WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	44.1	66.1	
67	67.3	54.1	81.1	
52	26.8	21.7	32.5	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.434 ug/l

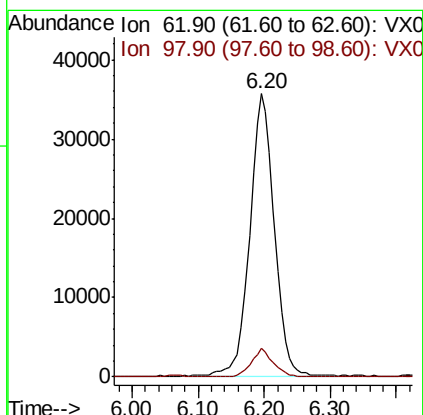
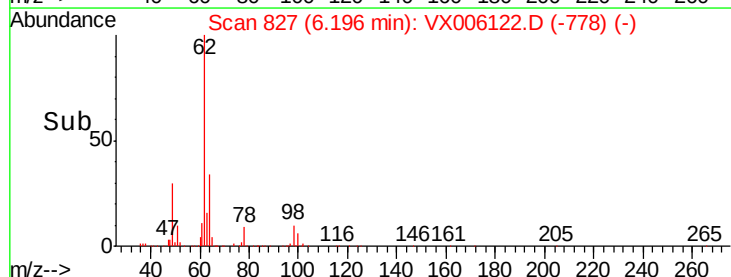
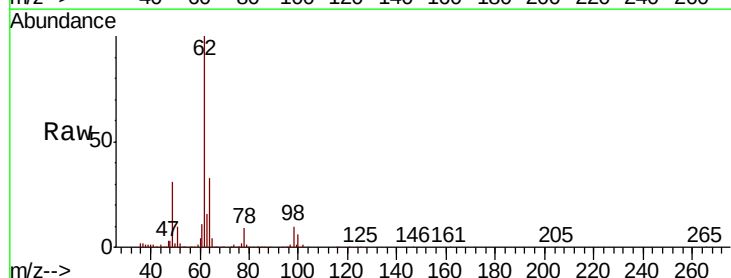
RT: 6.20 min Scan# 827

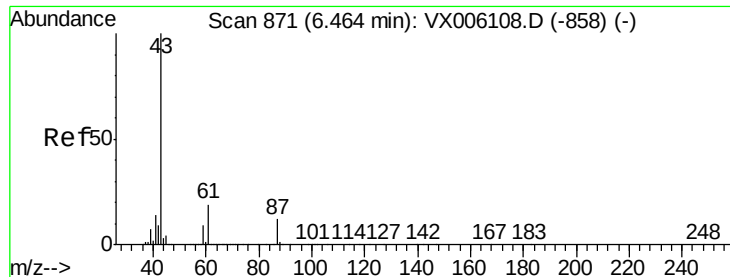
Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	17.8	





#43

Isopropyl Acetate

Concen: 20.042 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

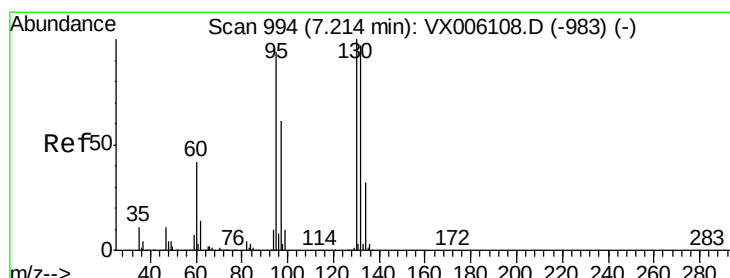
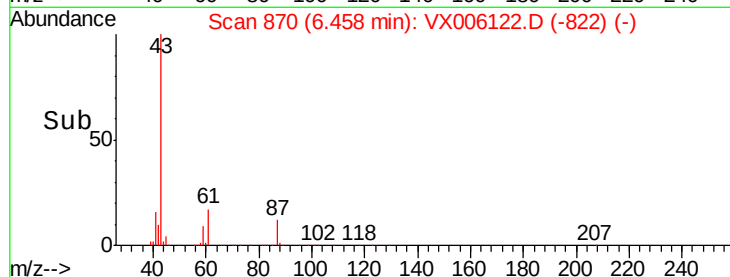
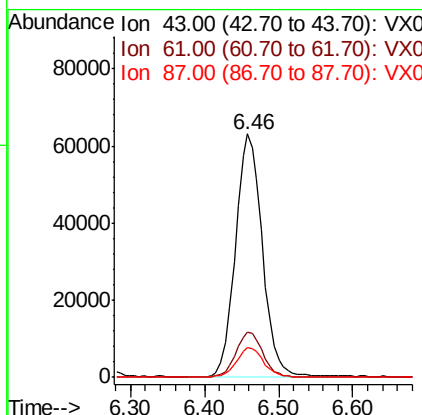
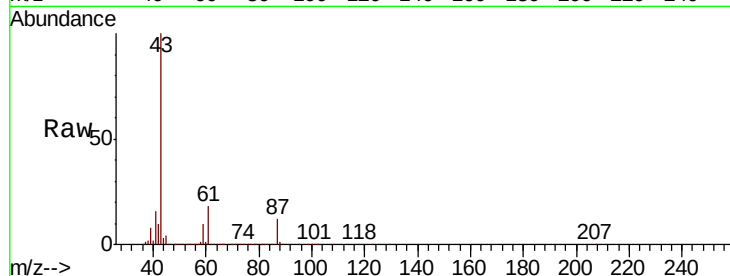
ClientSampleId :

VX1121WBS01

Tot Ion:	43	Resp:	160253
Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.2	22.8
87	12.4	9.6	14.4

Manual Integrations
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#44

Trichloroethene

Concen: 19.712 ug/l

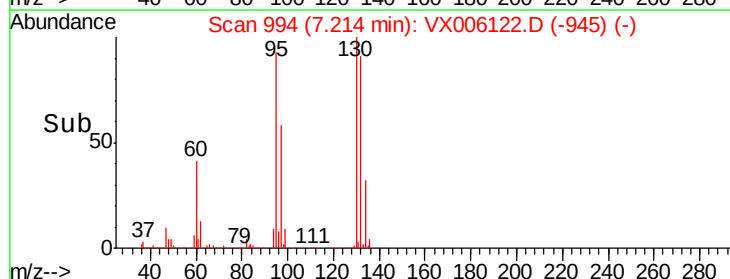
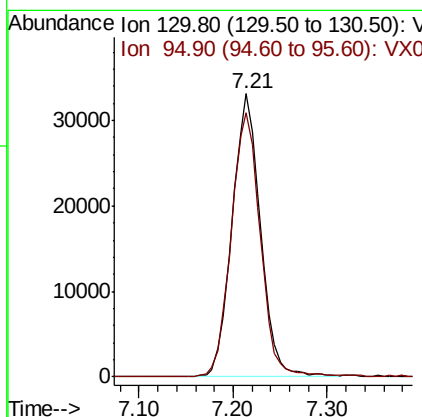
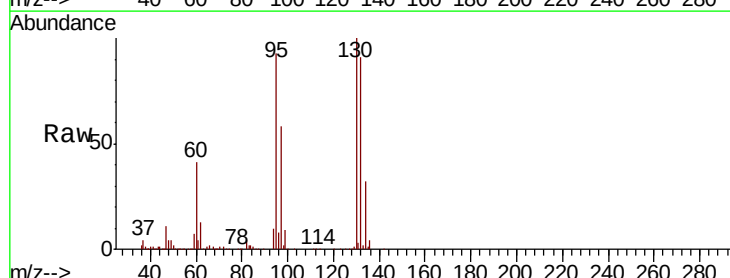
RT: 7.21 min Scan# 994

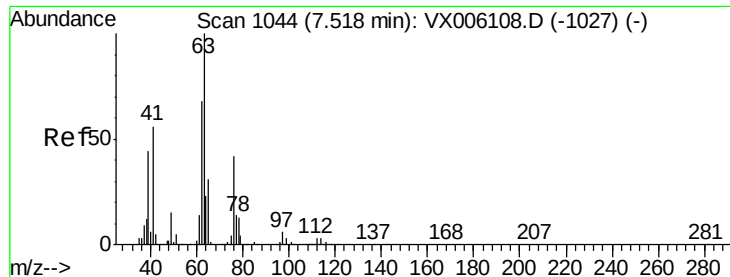
Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Tgt Ion:	130	Resp:	69462
Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	188.8





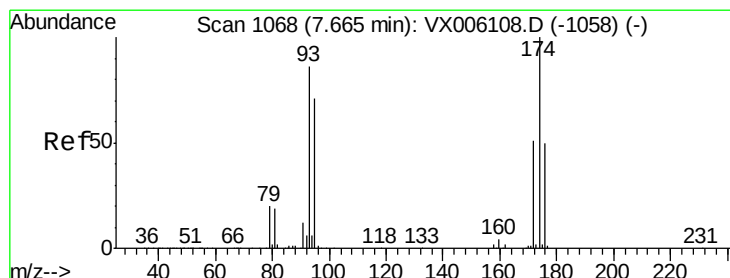
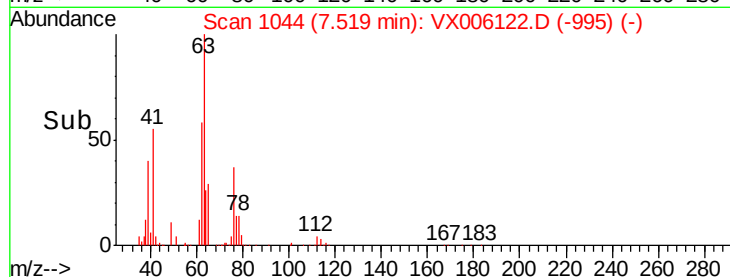
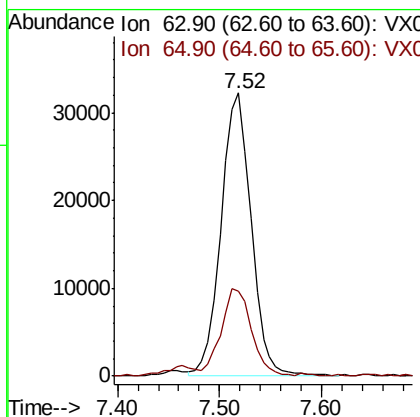
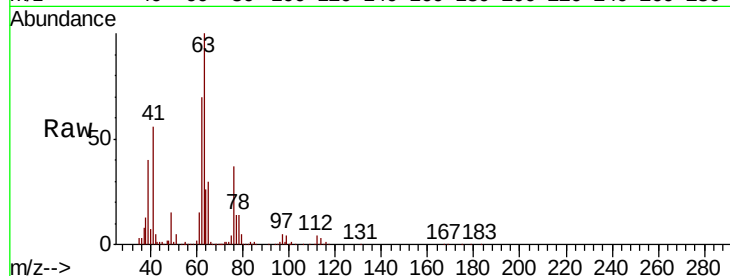
#45
 1,2-Dichloropropane
 Concen: 19.587 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006122.D
 Acq: 21 Nov 2018 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.7	24.8	37.2

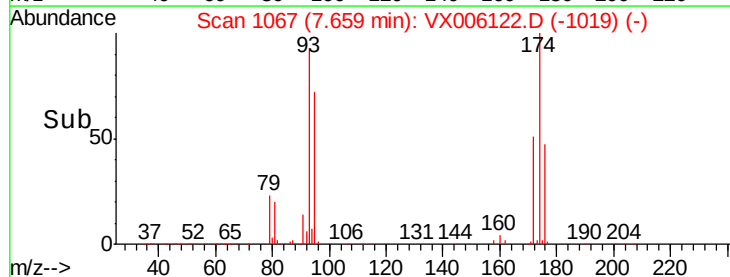
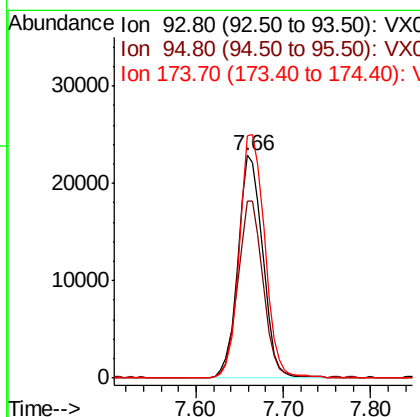
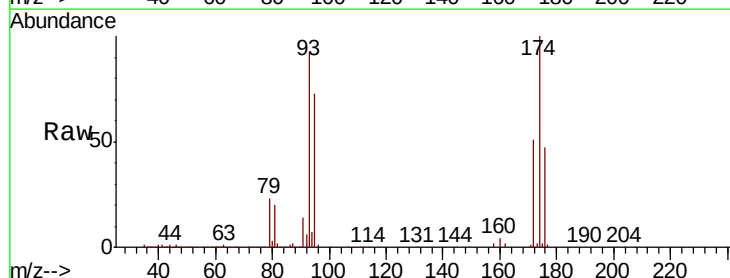
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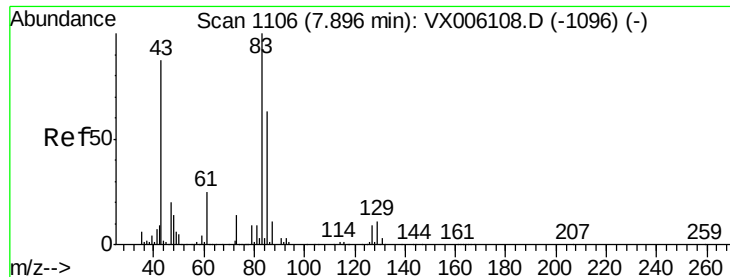
MMDadoda
 11/26/2018 10:52:24 AM



#46
 Dibromomethane
 Concen: 19.742 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX006122.D
 Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.6	66.3	99.5
174	111.2	91.0	136.6





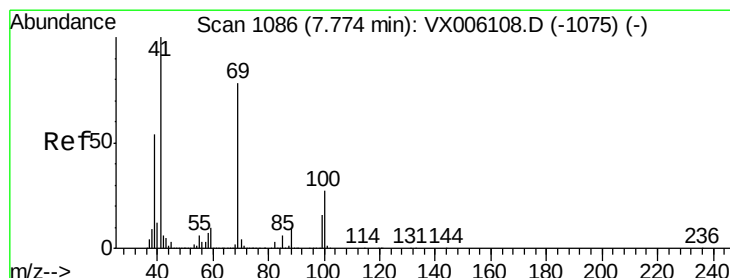
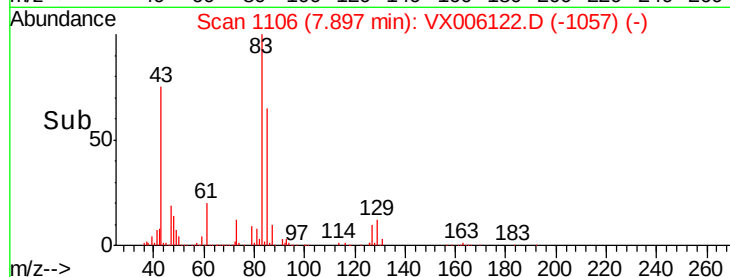
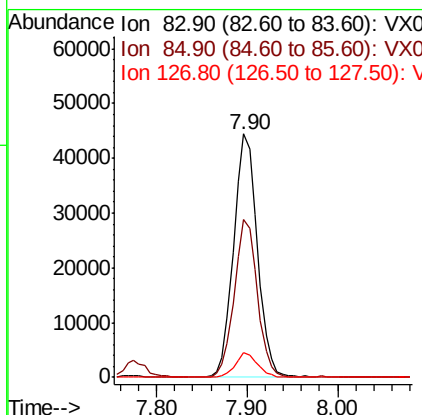
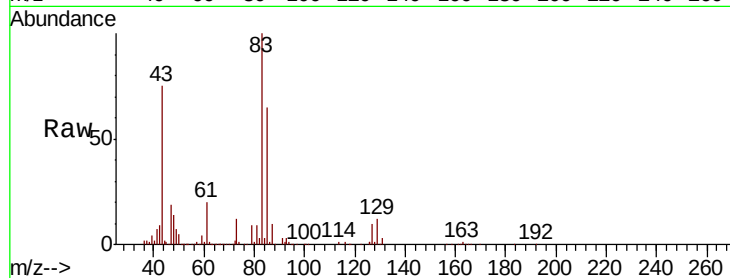
#47
Bromodichloromethane
Concen: 19.026 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.4	75.6
127	10.0	7.0	10.4

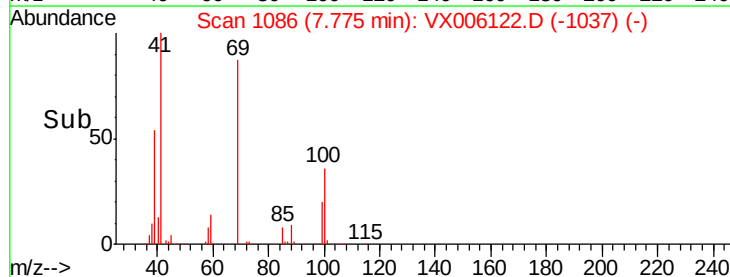
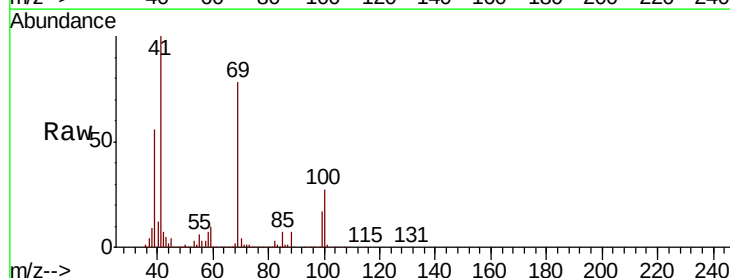
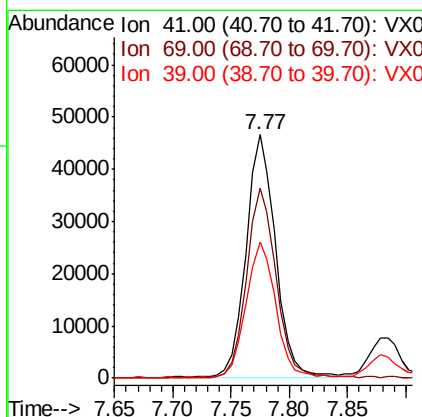
Manual Integrations
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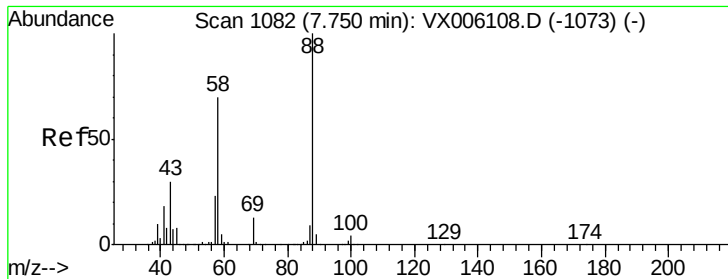
MMDadoda
11/26/2018 10:52:24 AM



#48
Methyl methacrylate
Concen: 20.546 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.3	62.8	94.2
39	55.0	43.8	65.6





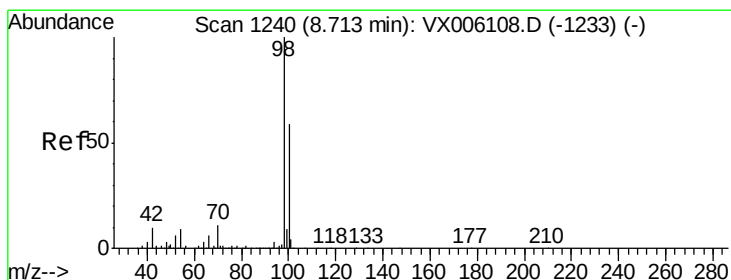
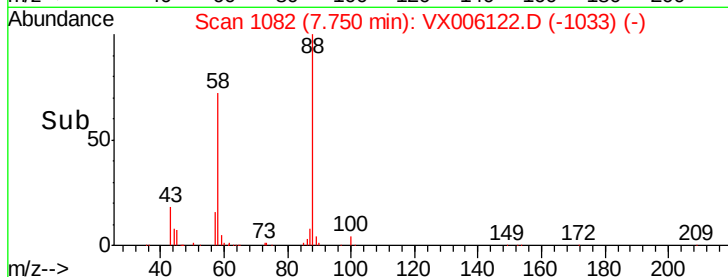
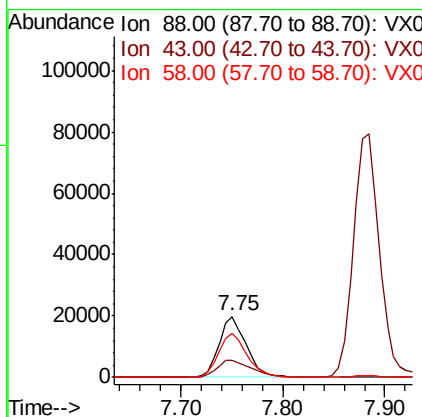
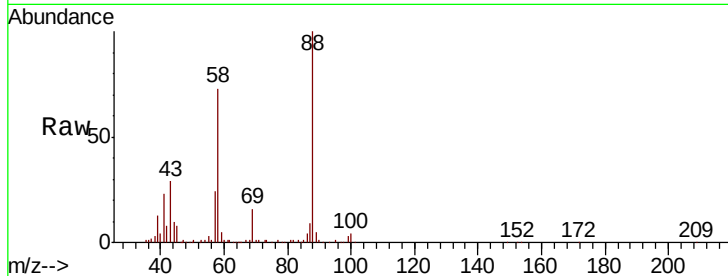
#49
1,4-Dioxane
Concen: 380.712 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.8	26.7	40.1
58	77.3	58.5	87.7

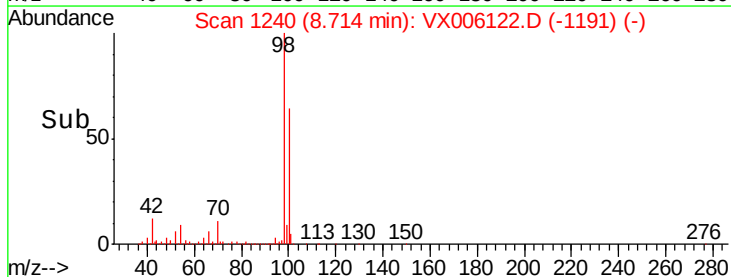
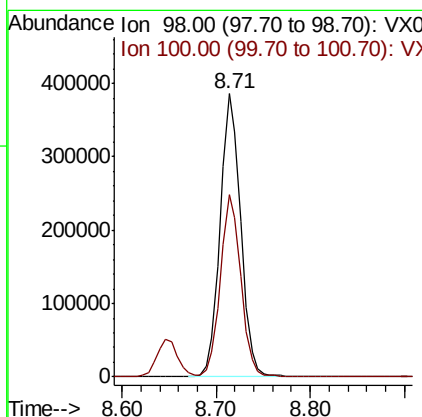
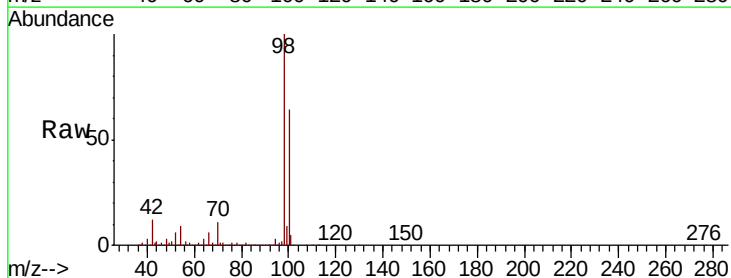
Manual Integrations
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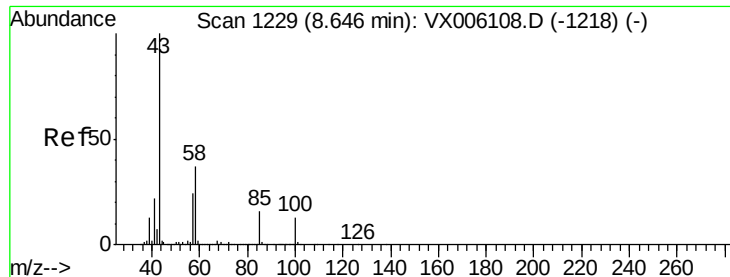
MMDadoda
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#50
Toluene-d8
Concen: 50.408 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.0	76.4





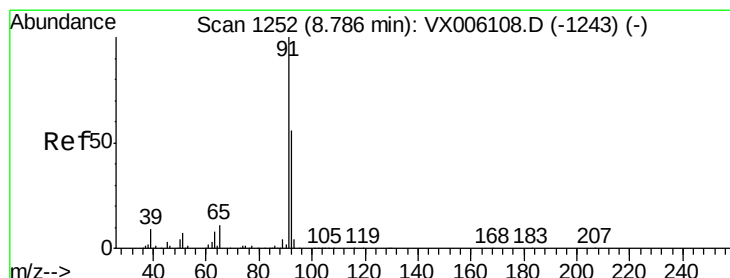
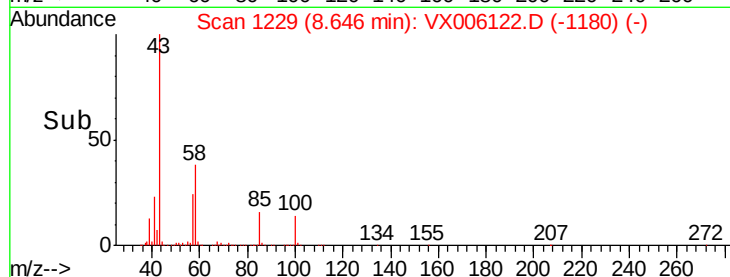
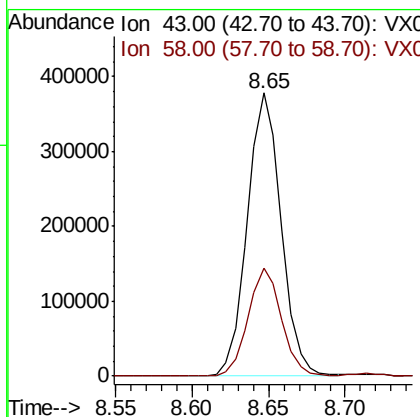
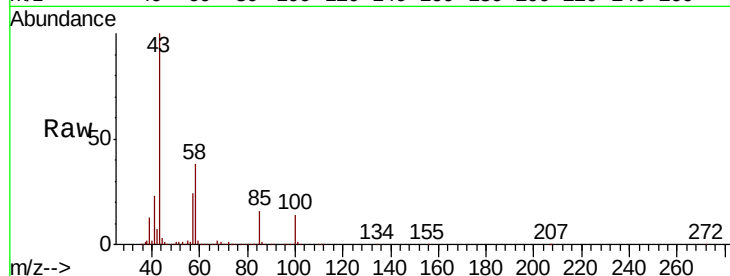
#51
 4-Methyl-2-Pentanone
 Concen: 101.256 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006122.D
 Acq: 21 Nov 2018 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.5	29.9	44.9

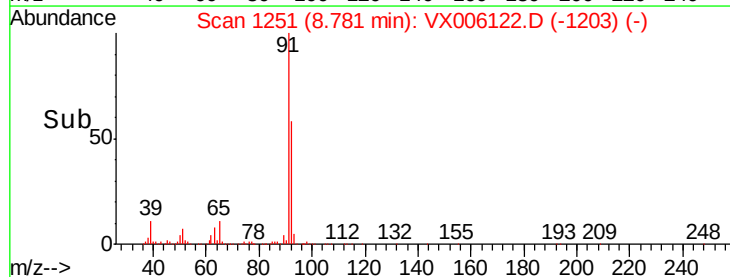
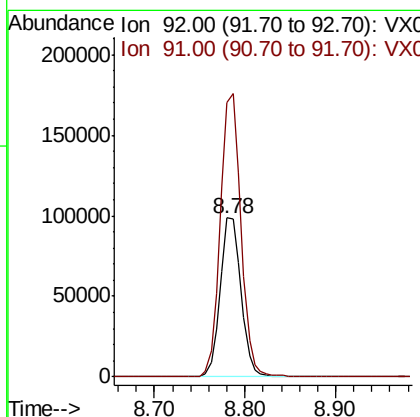
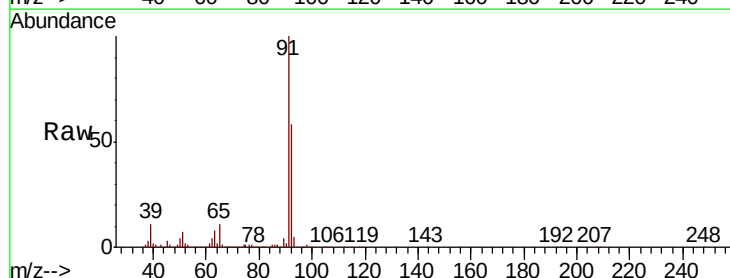
Manual Integrations
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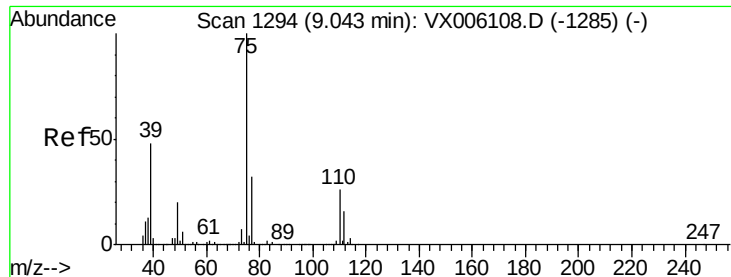
MMDadoda
 11/26/2018 10:52:24 AM



#52
 Toluene
 Concen: 20.323 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX006122.D
 Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.0	142.5	213.7





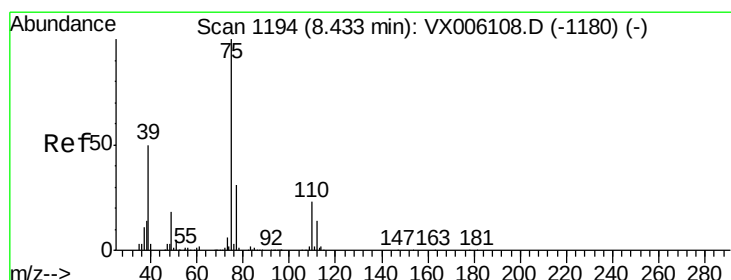
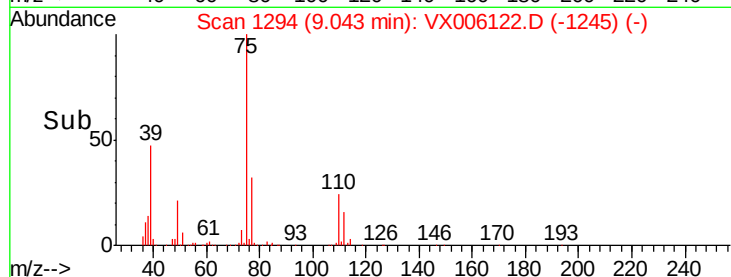
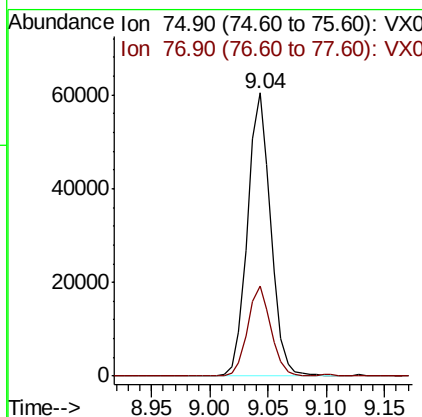
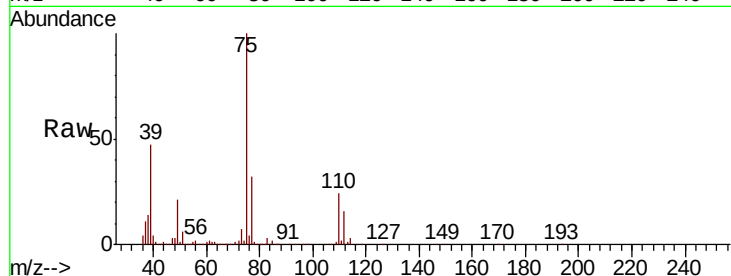
#53
t-1,3-Dichloropropene
Concen: 18.974 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.7	38.5

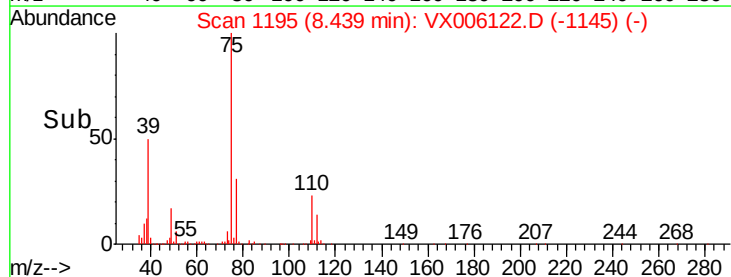
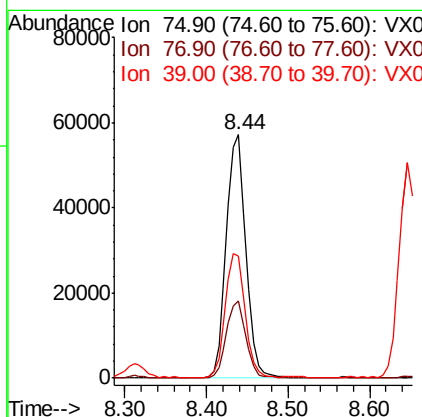
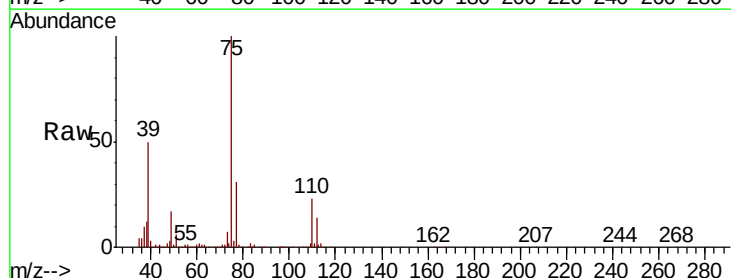
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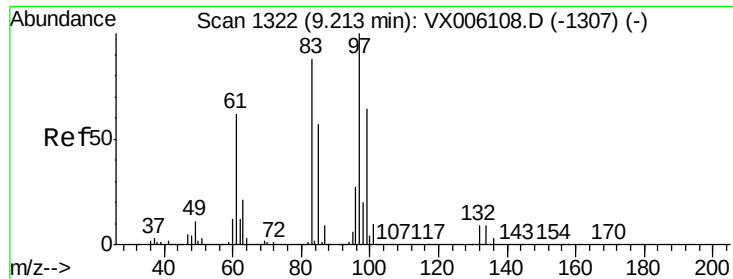
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.231 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.7	37.1
39	50.1	40.3	60.5





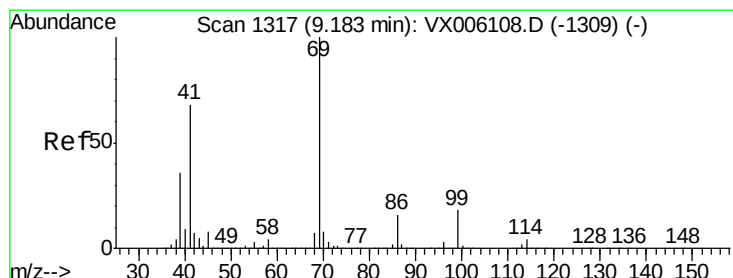
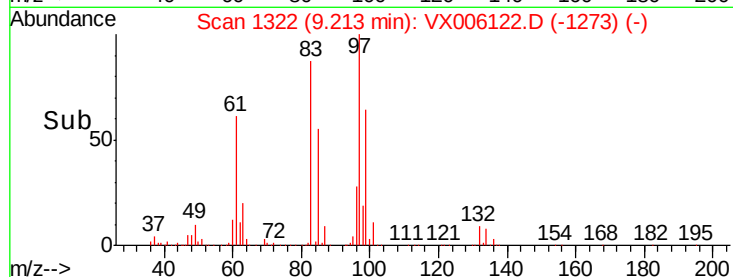
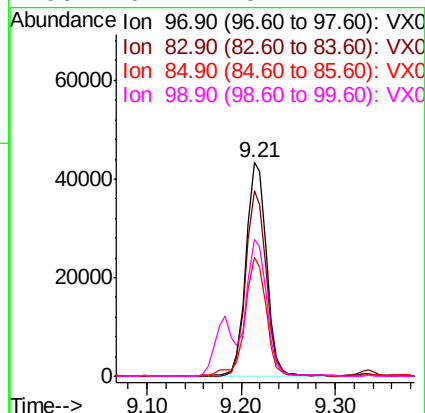
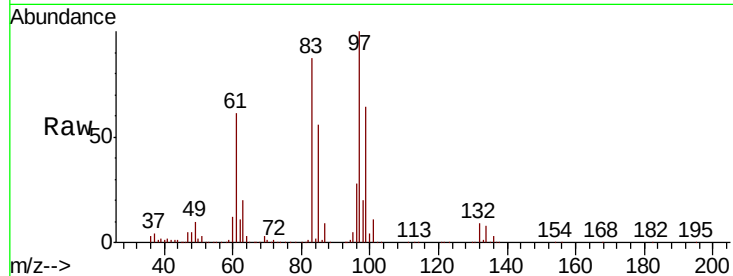
#55
 1,1,2-Trichloroethane
 Concen: 19.509 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006122.D
 Acq: 21 Nov 2018 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Tot Ion:	97	Resp:	66258
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.7	106.1
85	55.4	45.7	68.5
99	64.2	51.4	77.2

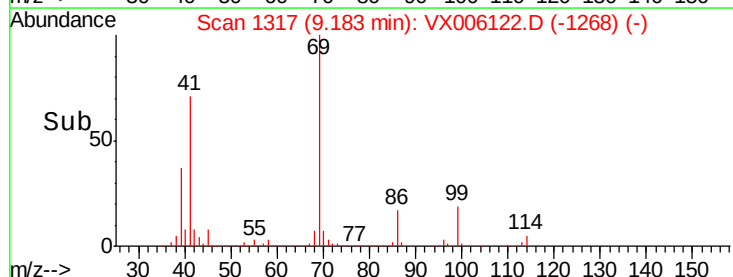
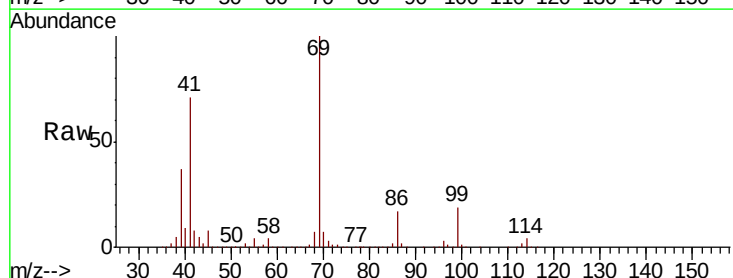
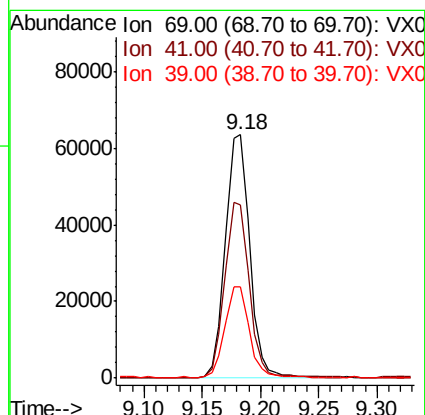
Manual Integrations
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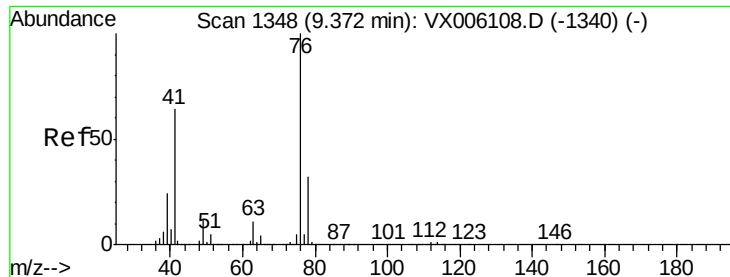
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#56
 Ethyl methacrylate
 Concen: 19.311 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006122.D
 Acq: 21 Nov 2018 14:20

Tgt Ion:	69	Resp:	92268
Ion	Ratio	Lower	Upper
69	100		
41	72.4	56.2	84.4
39	37.2	29.4	44.0





#57

1,3-Dichloropropane

Concen: 19.491 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion: 76 Resp: 109118

Ion Ratio Lower Upper

76 100

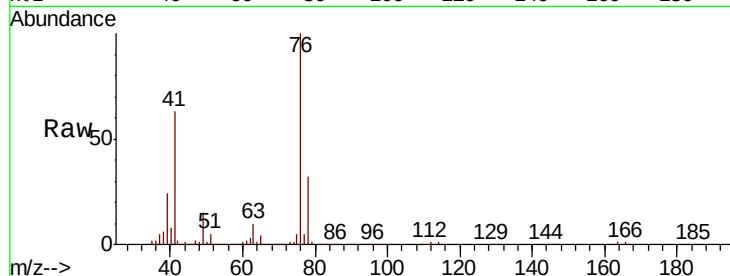
78 32.5 25.7 38.5

Manual Integrations

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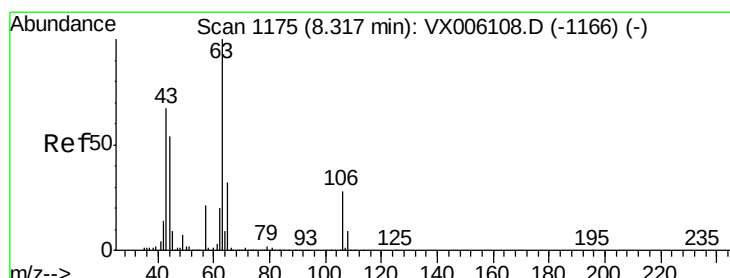
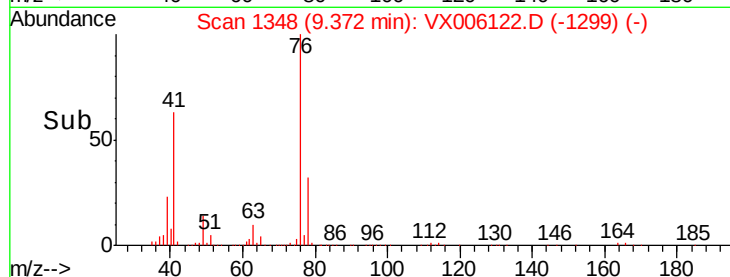
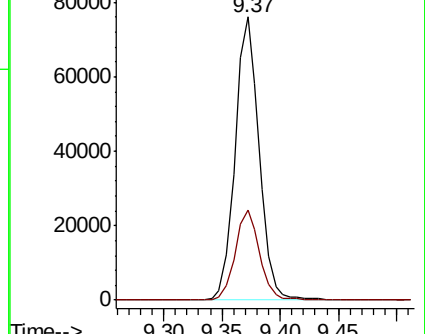
MMDadoda

11/26/2018 10:52:24 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 97.962 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX006122.D

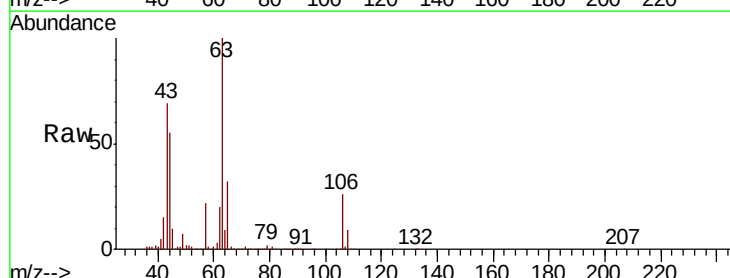
Acq: 21 Nov 2018 14:20

Tgt Ion: 63 Resp: 276760

Ion Ratio Lower Upper

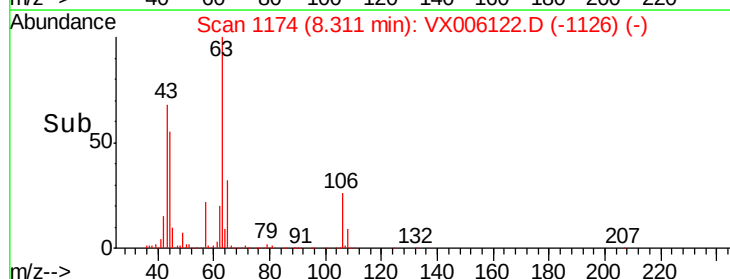
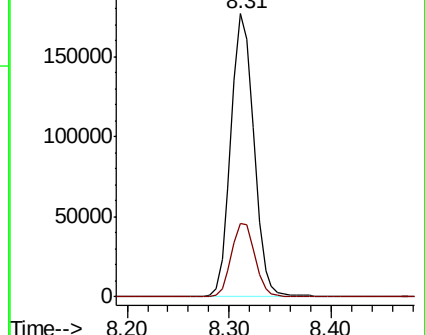
63 100

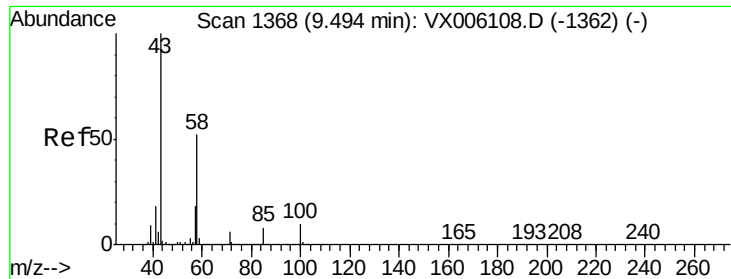
106 26.7 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





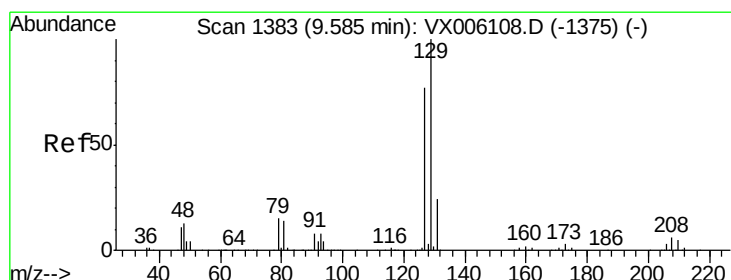
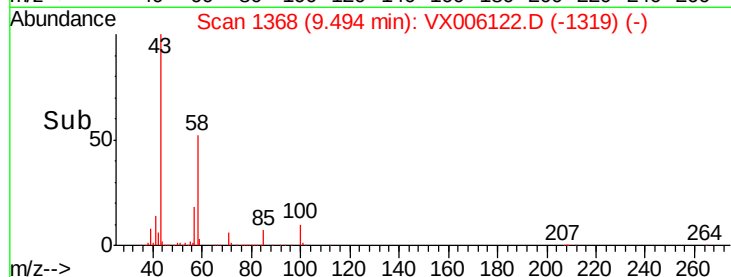
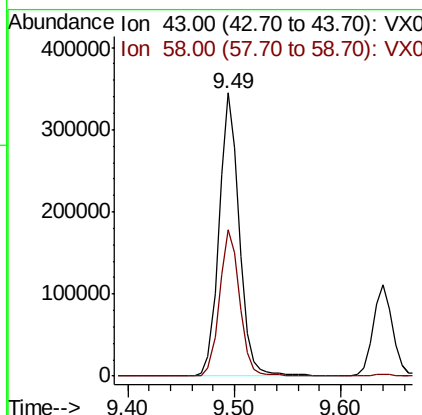
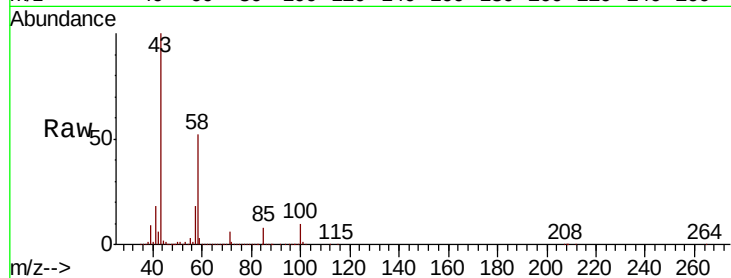
#59
2-Hexanone
Concen: 99.838 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion: 43 Resp: 454183
Ion Ratio Lower Upper
43 100
58 51.9 26.3 78.9

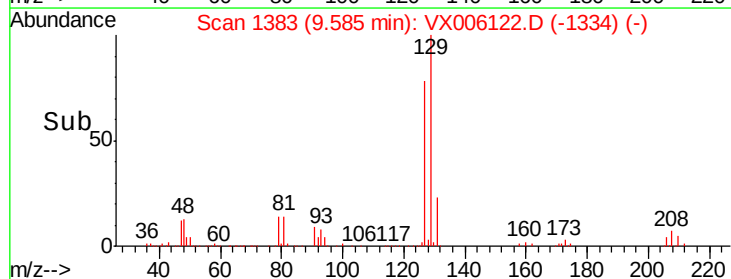
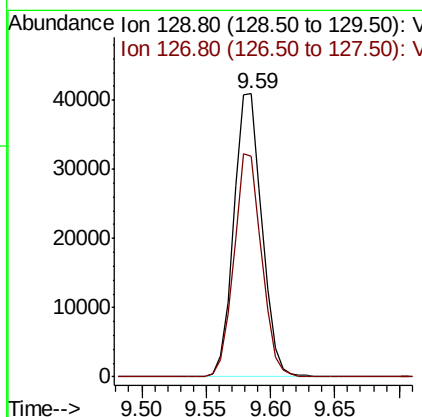
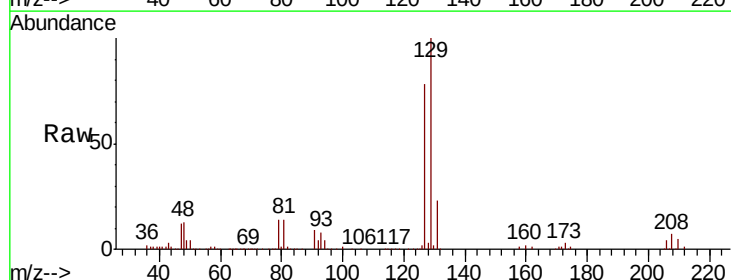
Manual Integrations
APPROVED

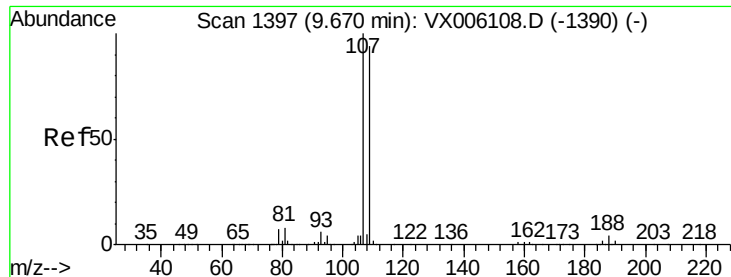
MMDadoda
11/26/2018 10:52:24 AM



#60
Dibromochloromethane
Concen: 18.711 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion: 129 Resp: 62305
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.5





#61

1,2-Dibromoethane

Concen: 19.775 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion: 107 Resp: 69193

Ion Ratio Lower Upper

107 100

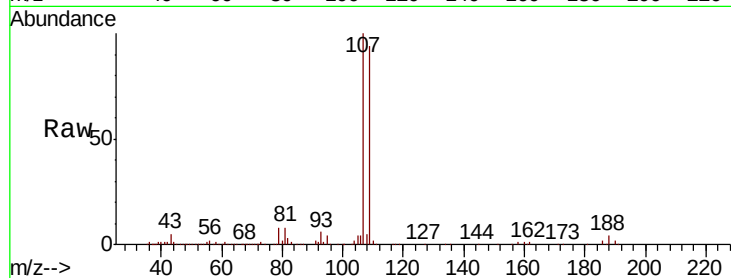
109 96.0 75.7 113.5

Manual Integrations

APPROVED

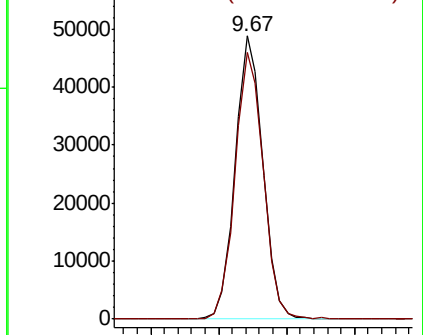
MMDadoda

11/26/2018 10:52:24 AM

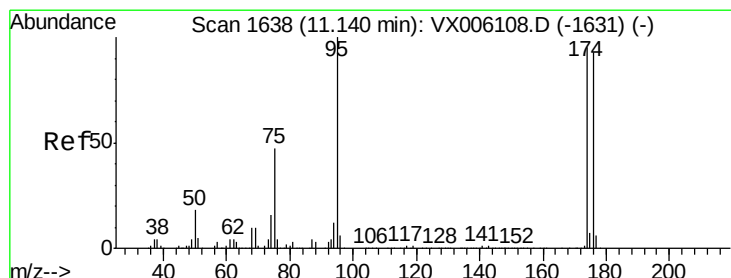
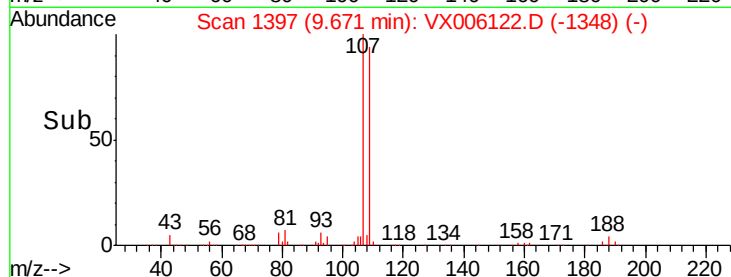


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 49.427 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

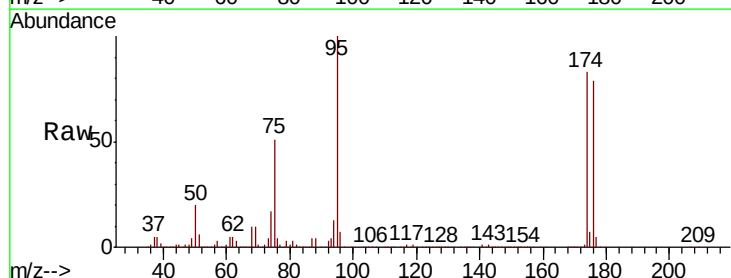
Tgt Ion: 95 Resp: 214785

Ion Ratio Lower Upper

95 100

174 90.4 0.0 184.4

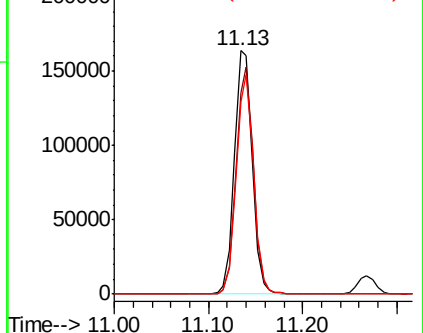
176 87.6 0.0 179.0



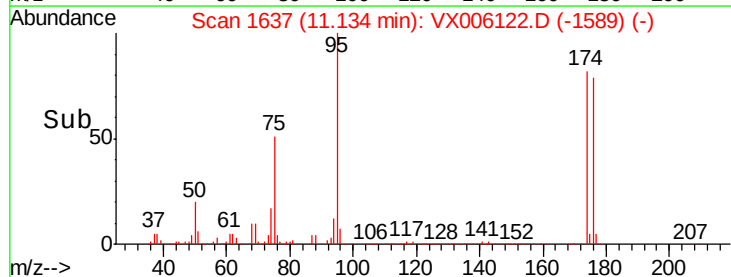
Abundance Ion 94.90 (94.60 to 95.60): VX0

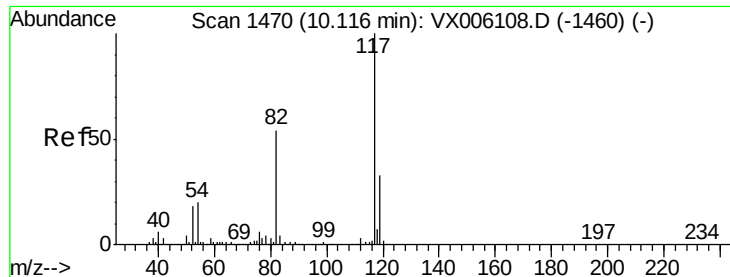
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





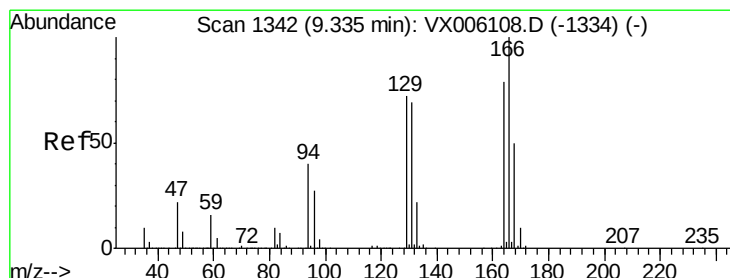
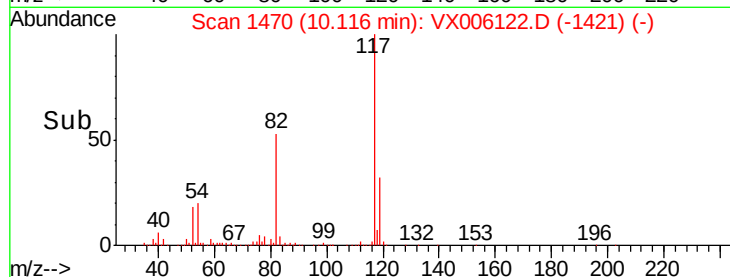
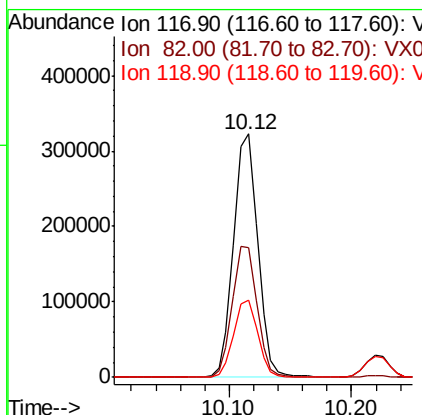
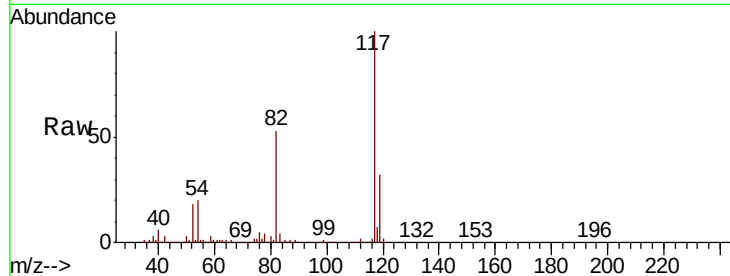
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.0	64.4
119	31.9	26.1	39.1

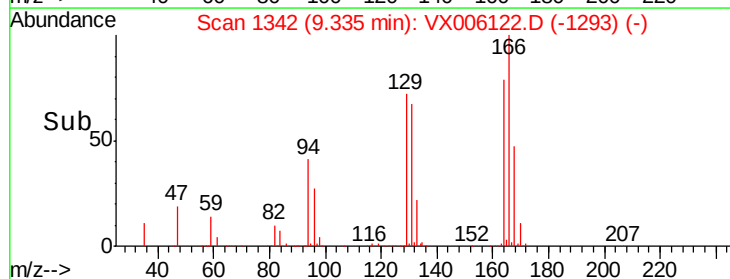
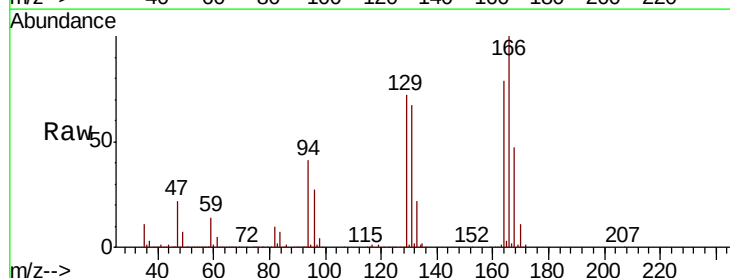
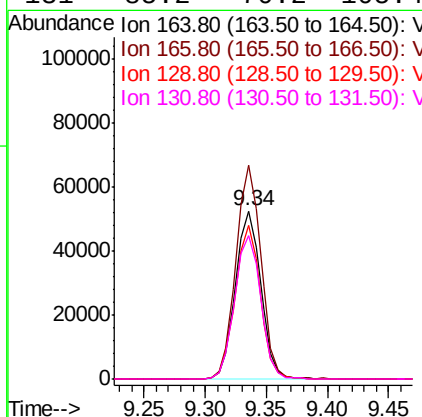
Manual Integrations
APPROVED

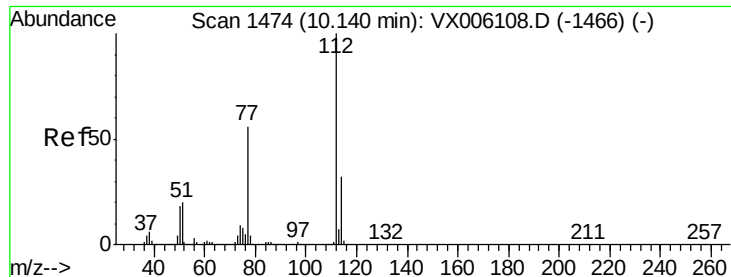
MMDadoda
11/26/2018 10:52:24 AM



#64
Tetrachloroethene
Concen: 20.659 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	101.5	152.3
129	91.1	73.4	110.0
131	85.2	70.2	105.4





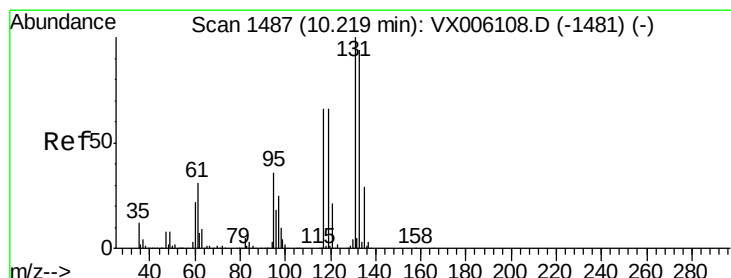
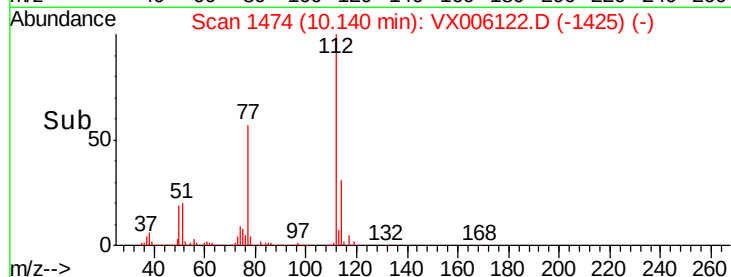
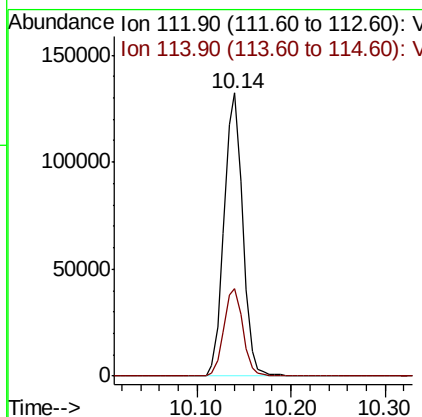
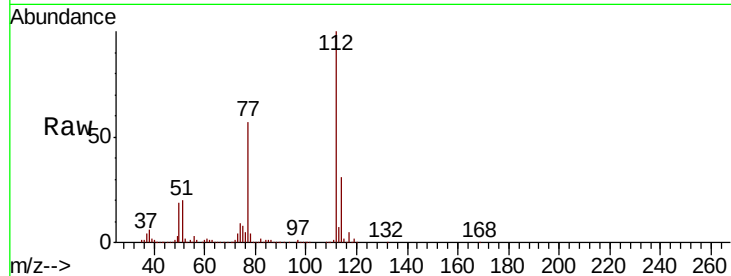
#65
Chlorobenzene
Concen: 20.097 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	182191		
114	30.8	25.6	38.4	

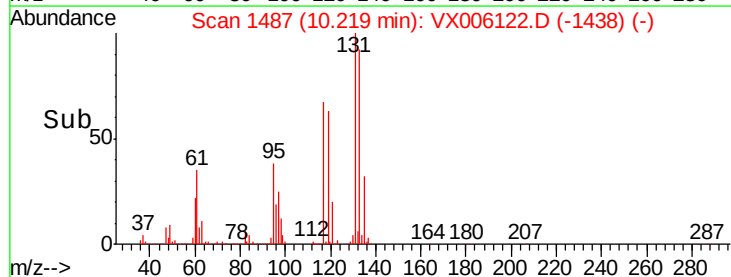
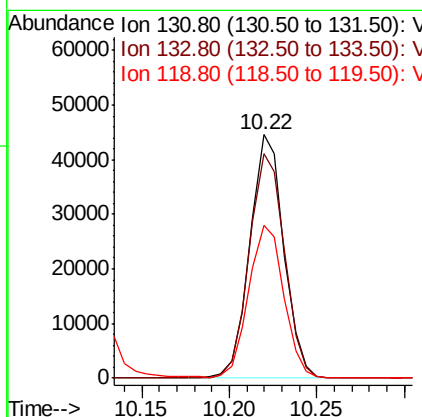
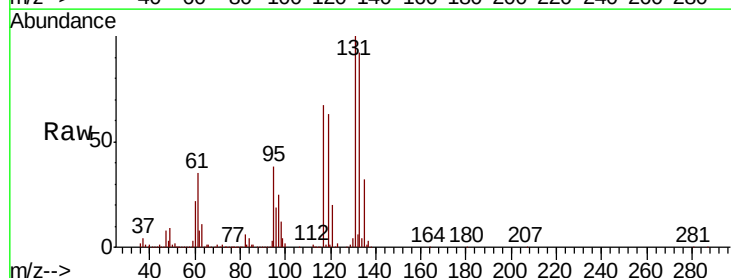
Manual Integrations
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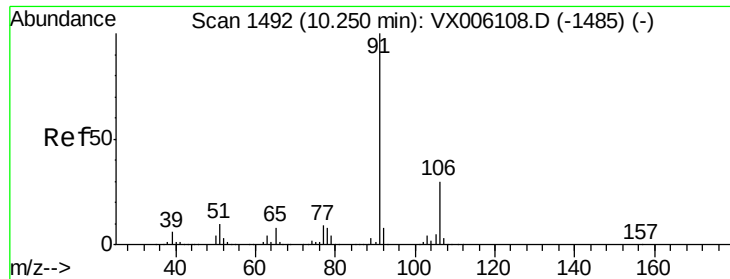
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.317 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	60121		
133	96.0	48.0	144.2	
119	65.2	32.6	97.8	





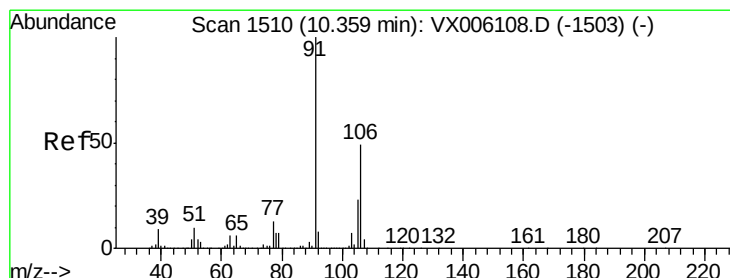
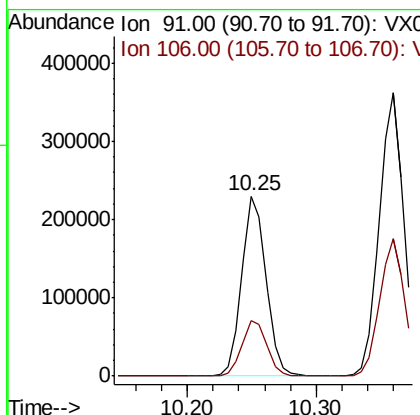
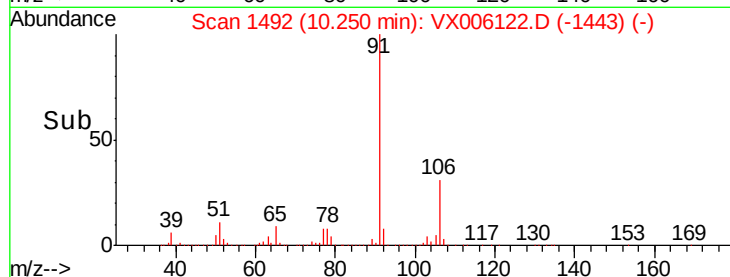
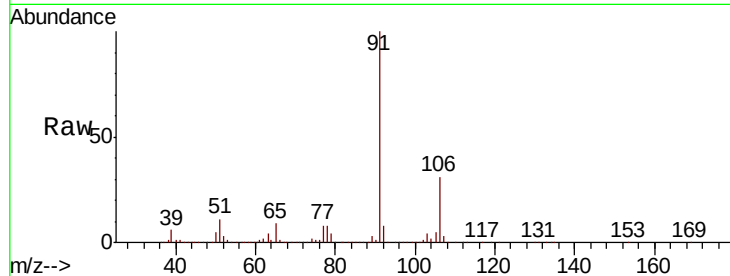
#67
Ethyl Benzene
Concen: 20.250 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.4	36.6

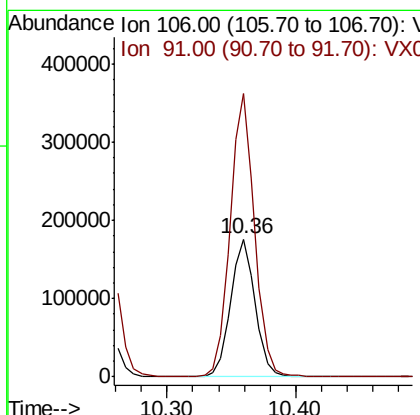
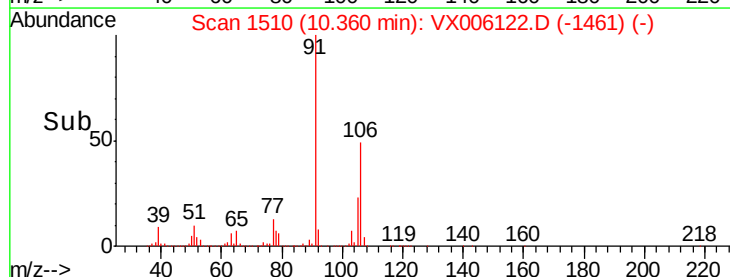
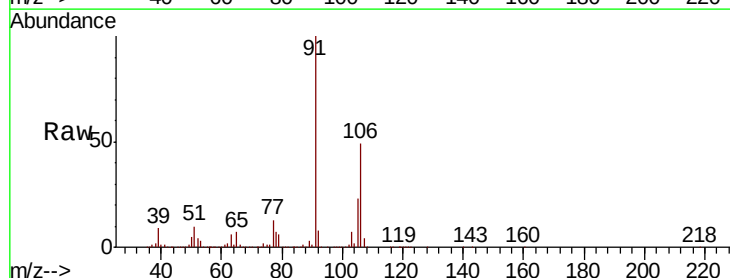
Manual Integrations
APPROVED

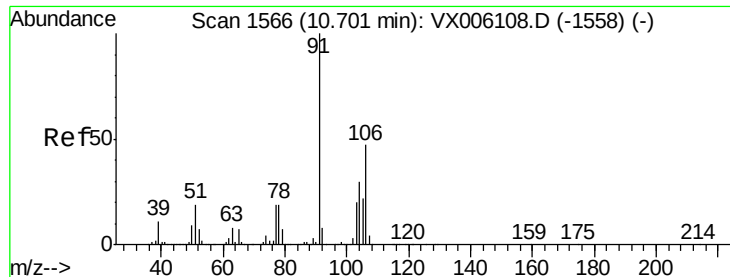
MMDadoda
11/26/2018 10:52:24 AM



#68
m/p-Xylenes
Concen: 40.550 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Lower	Upper
106	100		
91	203.9	162.0	243.0





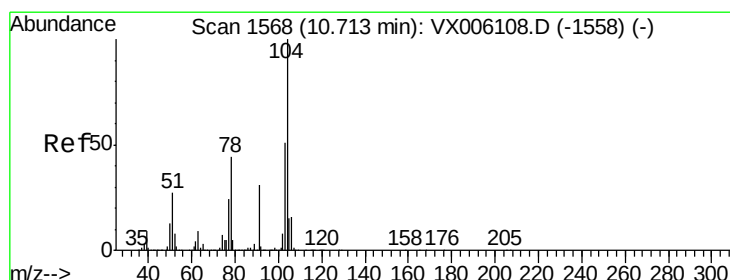
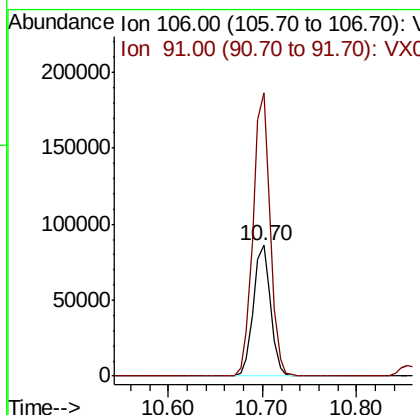
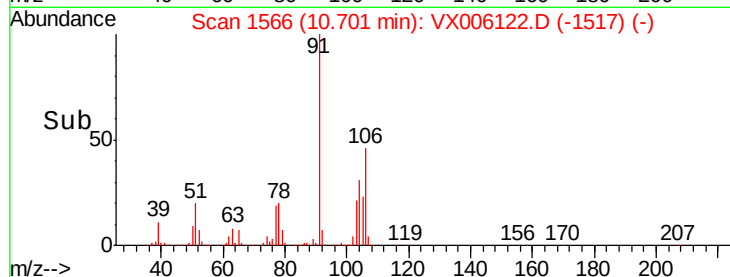
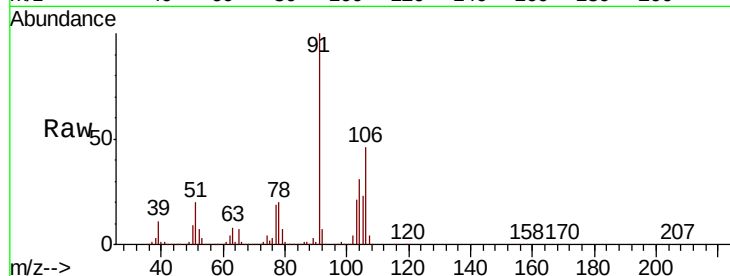
#69
o-Xylene
Concen: 20.229 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.7	107.4	322.2	

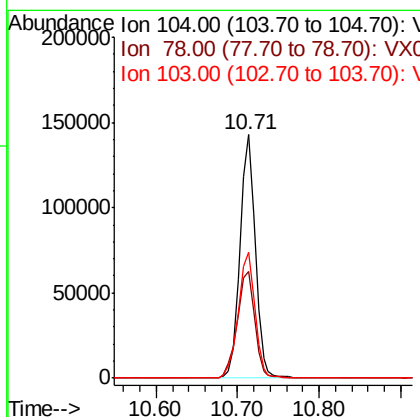
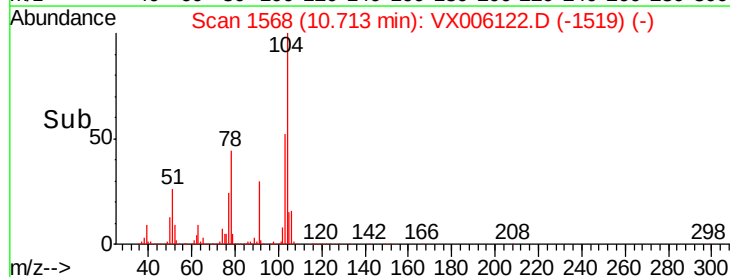
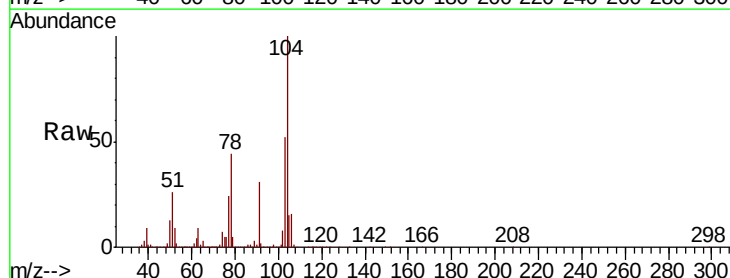
Manual Integrations
APPROVED

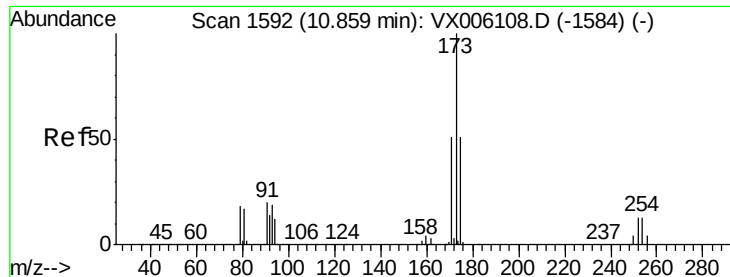
MMDadoda
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#70
Styrene
Concen: 20.409 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	50.2	39.4	59.2	
103	56.6	44.6	67.0	





#71

Bromoform

Concen: 17.652 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion:173 Resp: 49178

Ion Ratio Lower Upper

173 100

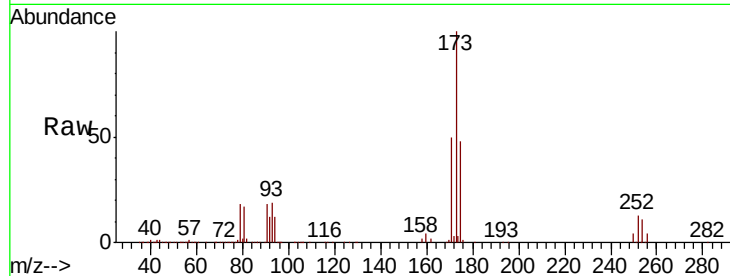
175 49.3 24.9 74.6

254 0.4 0.2 0.2#

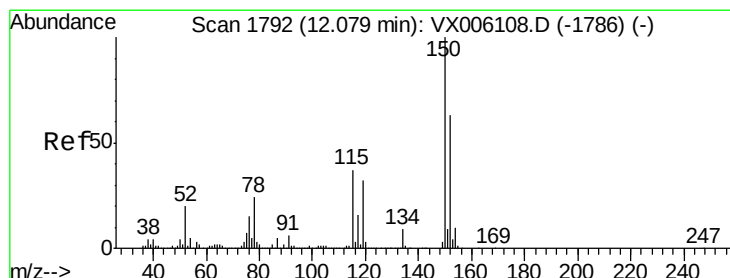
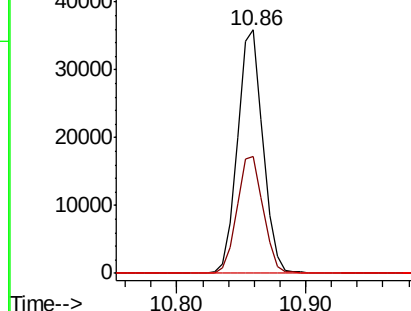
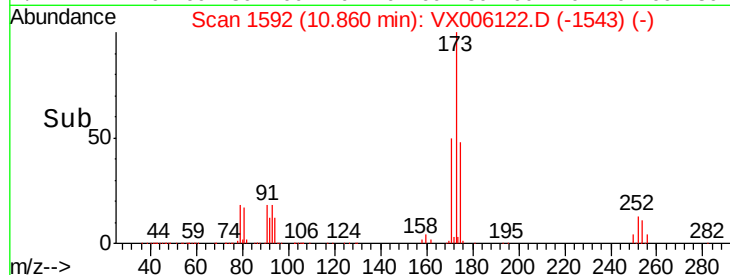
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

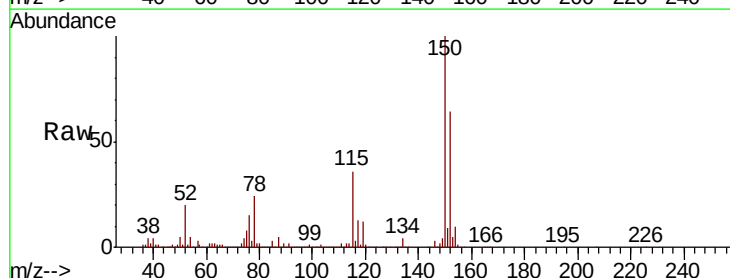
Tgt Ion:152 Resp: 235770

Ion Ratio Lower Upper

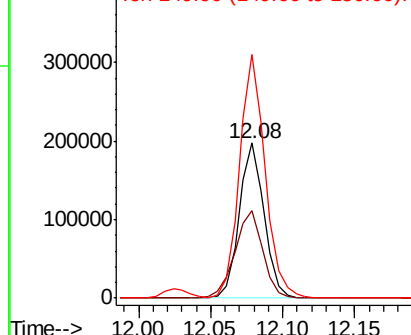
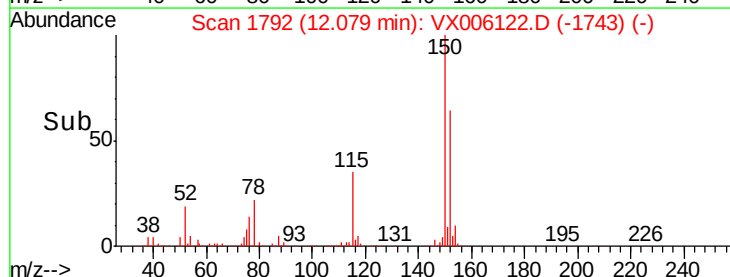
152 100

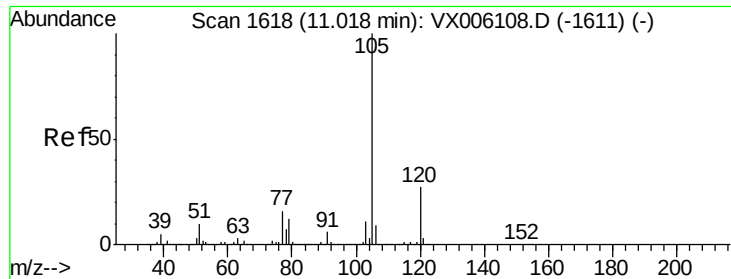
115 63.7 39.0 116.9

150 162.2 0.0 346.6



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





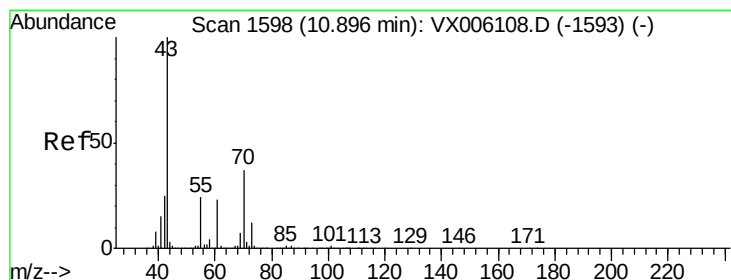
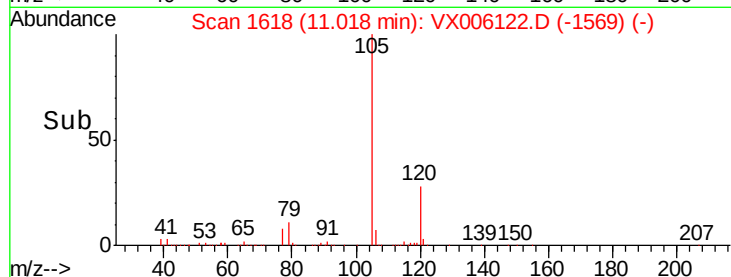
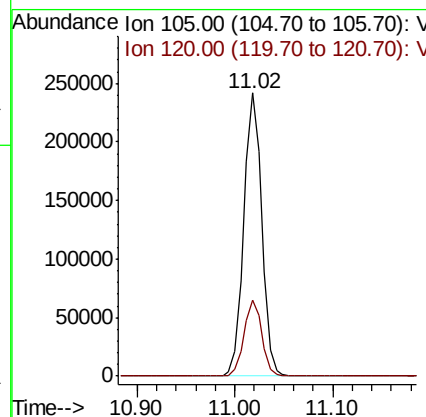
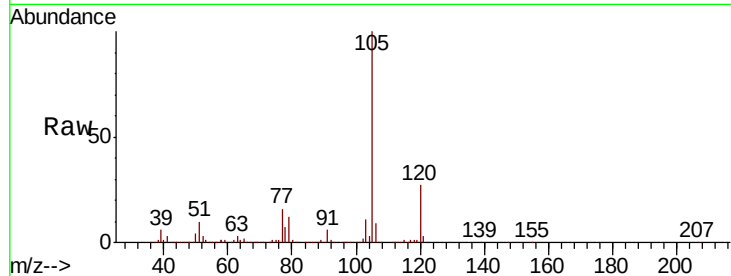
#73
Isopropylbenzene
Concen: 21.621 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.3	39.8

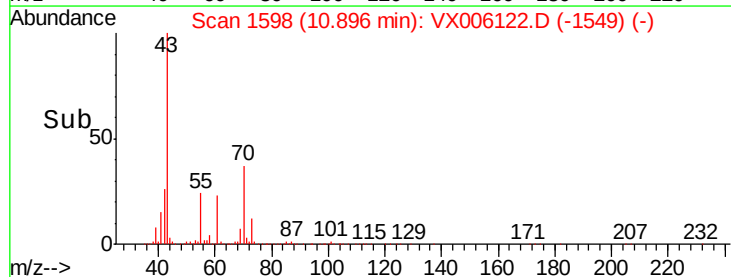
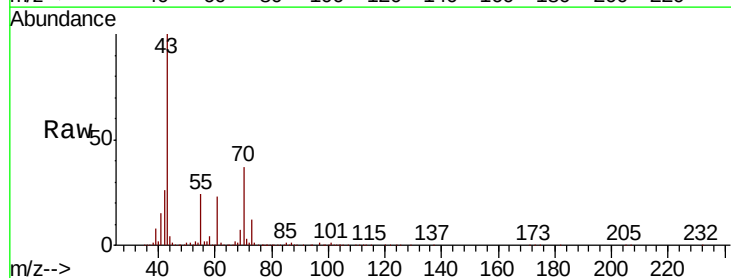
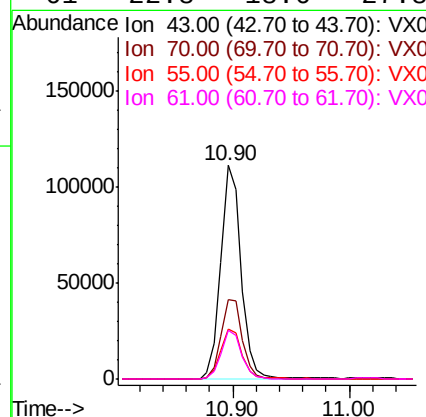
Manual Integrations
APPROVED

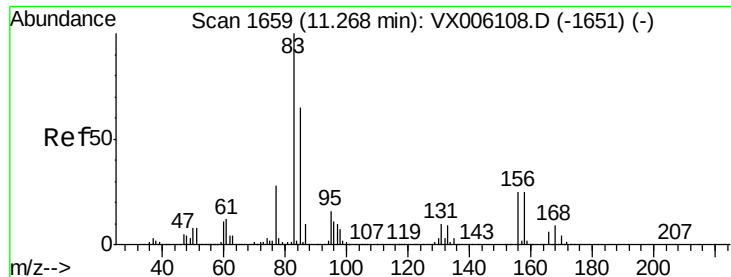
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#74
N-ethyl acetate
Concen: 19.737 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.7	31.8	47.6
55	24.3	19.5	29.3
61	22.8	18.6	27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.209 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion: 83 Resp: 103270

Ion Ratio Lower Upper

83 100

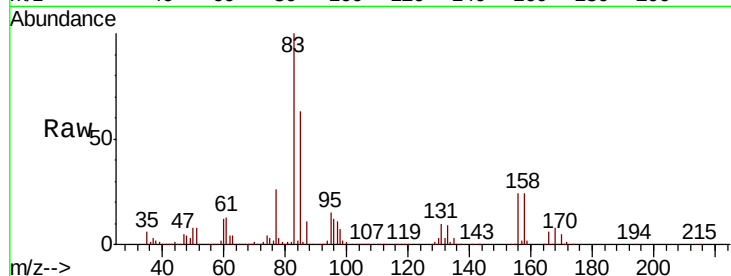
131 10.5 5.2 15.6

85 64.7 32.6 97.8

Manual Integrations
APPROVED

MMDadoda

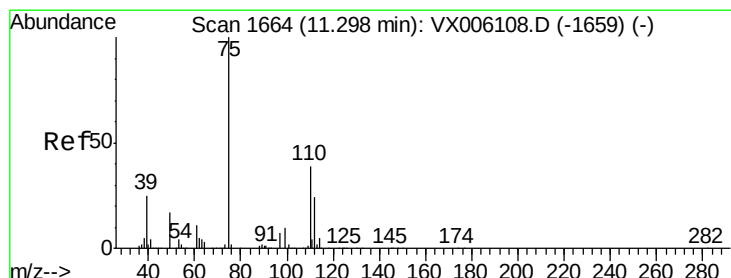
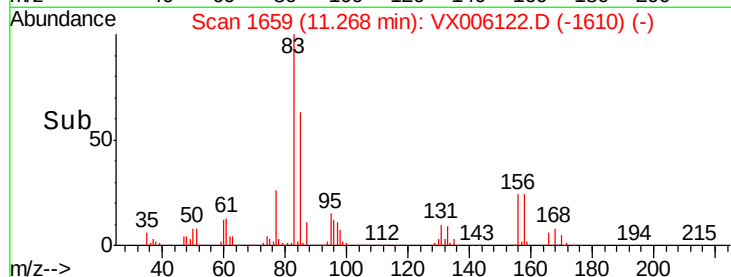
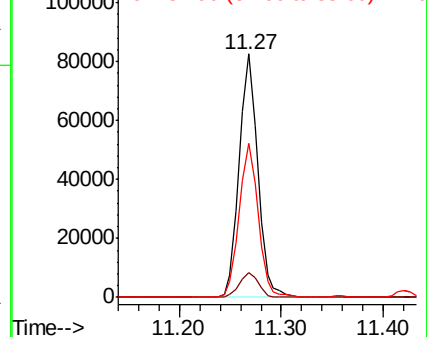
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.953 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006122.D

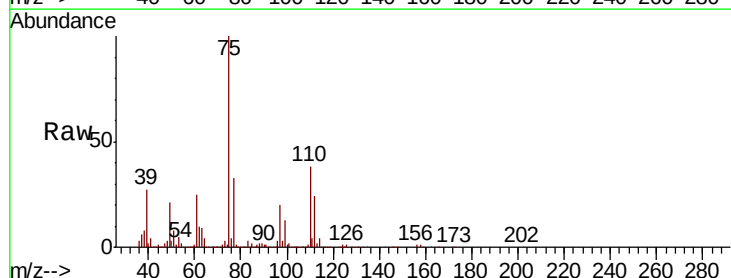
Acq: 21 Nov 2018 14:20

Tgt Ion: 75 Resp: 101706

Ion Ratio Lower Upper

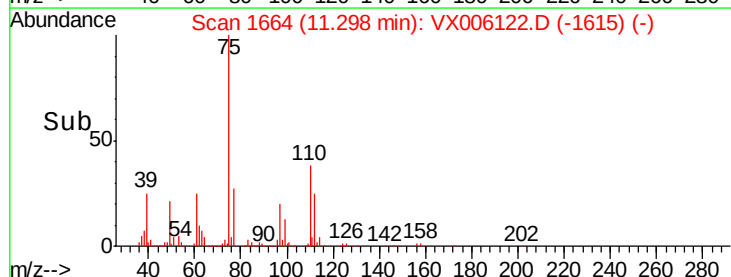
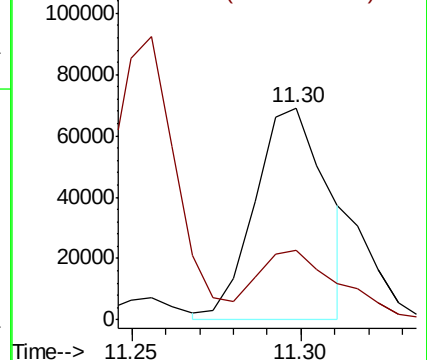
75 100

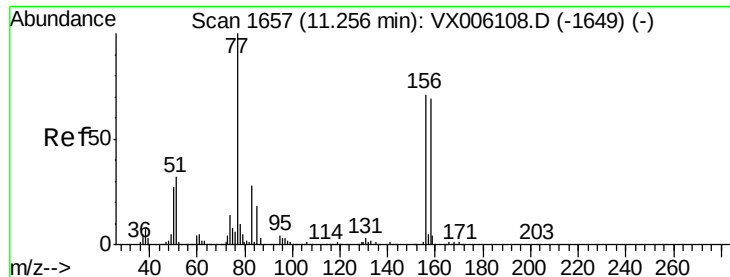
77 37.7 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.362 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion:156 Resp: 81371

Ion Ratio Lower Upper

156 100

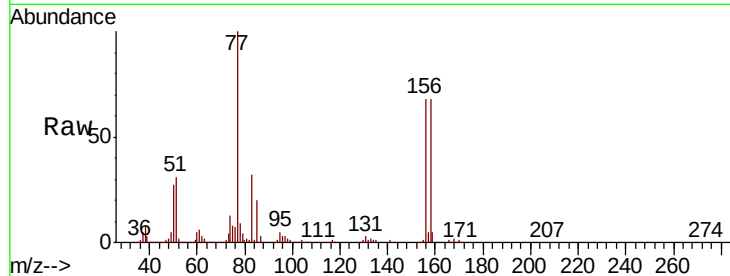
77 149.8 74.3 222.8

158 97.9 49.0 147.0

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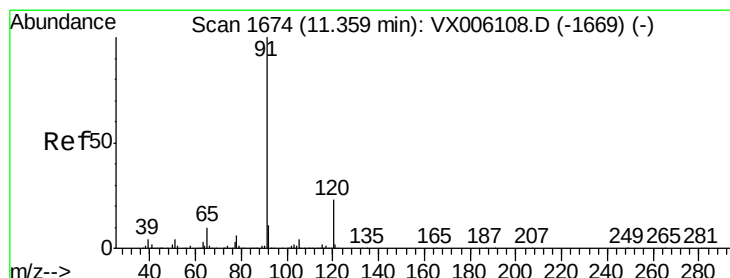
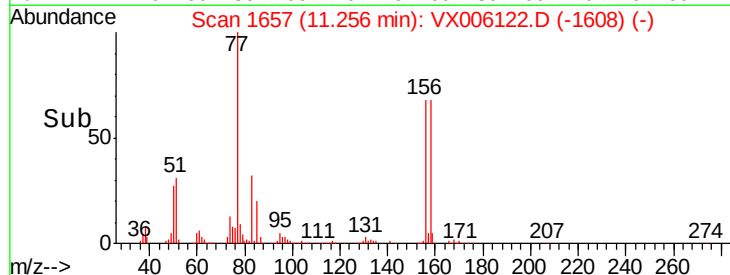
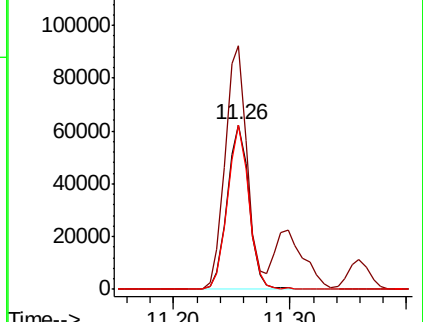
11/26/2018 10:52:24 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.291 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006122.D

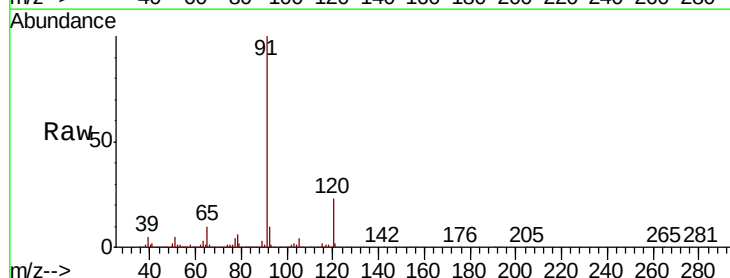
Acq: 21 Nov 2018 14:20

Tgt Ion: 91 Resp: 353706

Ion Ratio Lower Upper

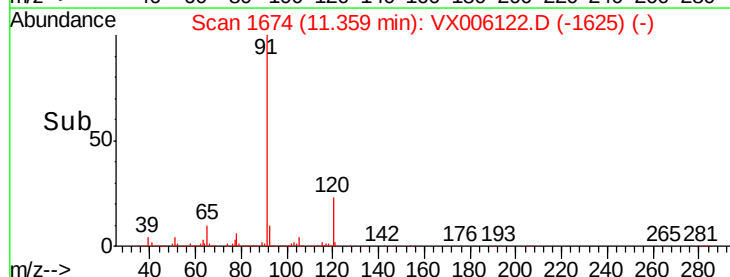
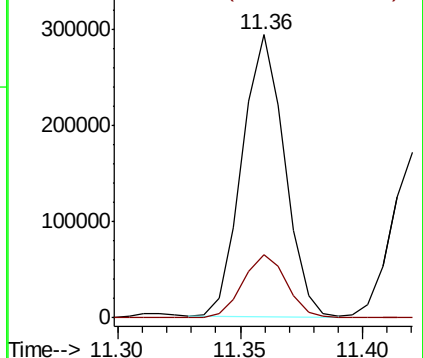
91 100

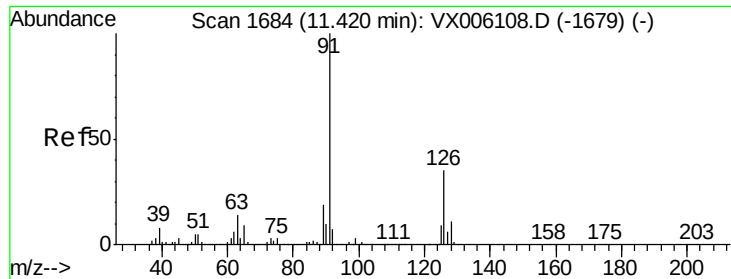
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





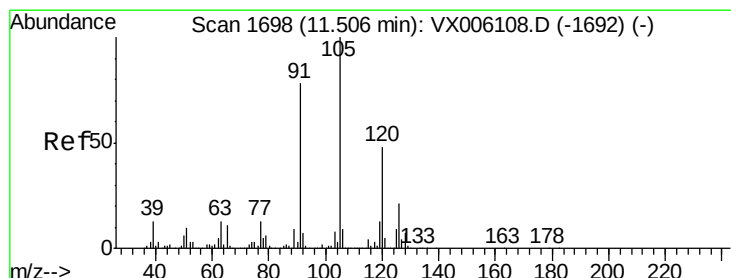
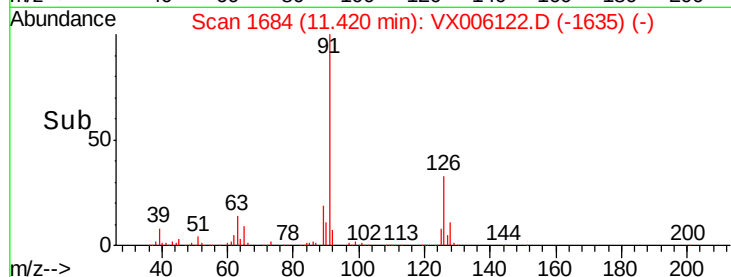
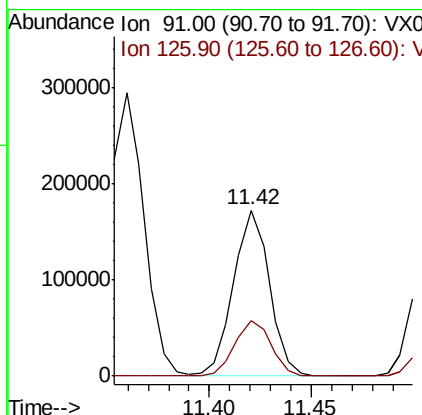
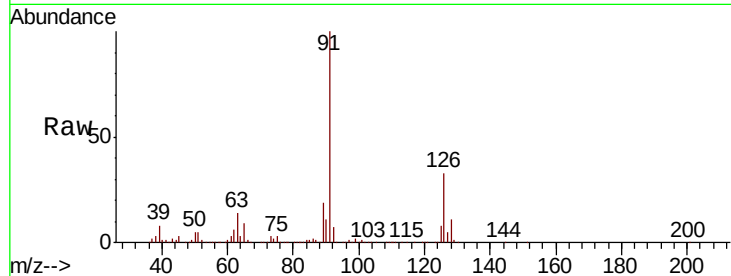
#79
 2-Chlorotoluene
 Concen: 21.009 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX006122.D
 Acq: 21 Nov 2018 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Tot Ion: 91 Resp: 211159
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.6 52.9

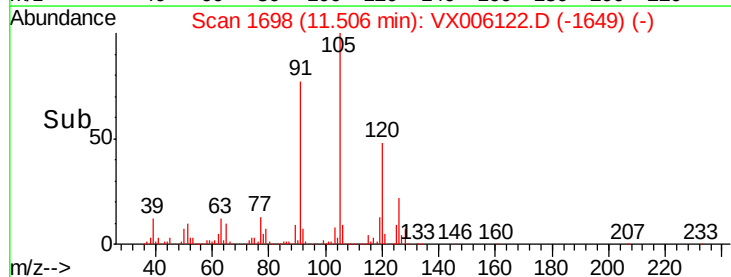
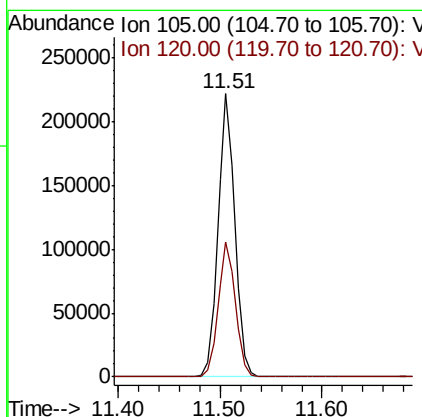
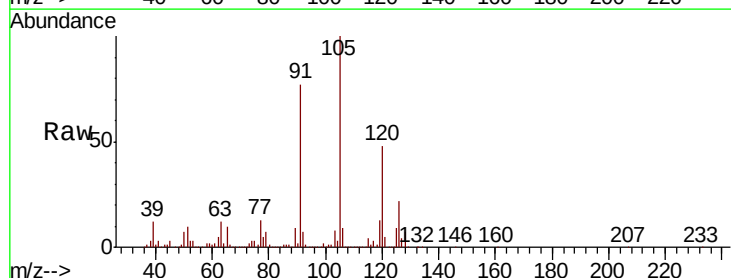
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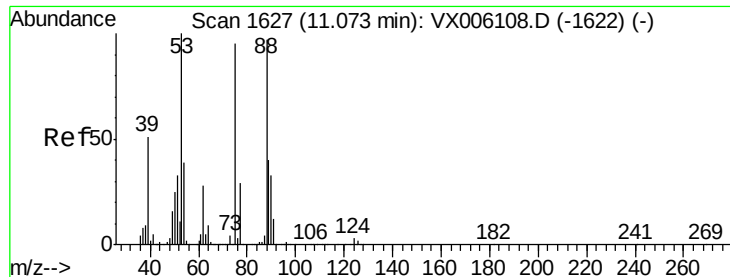
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.411 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006122.D
 Acq: 21 Nov 2018 14:20

Tgt Ion: 105 Resp: 257522
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 73.0





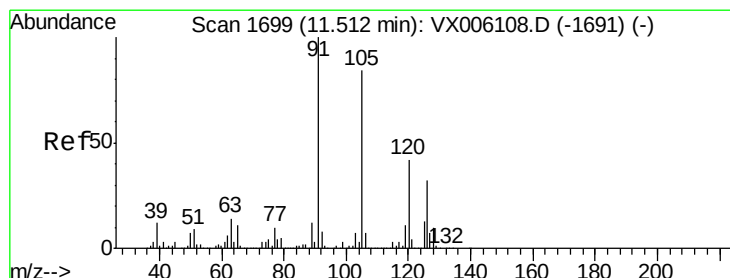
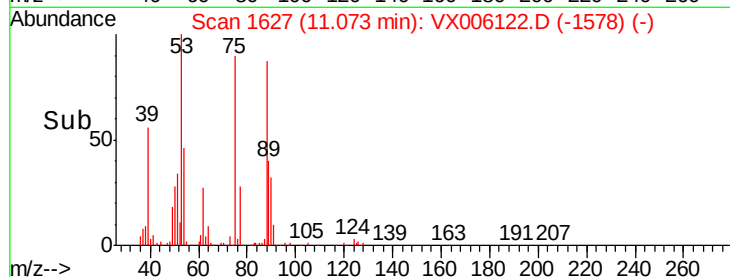
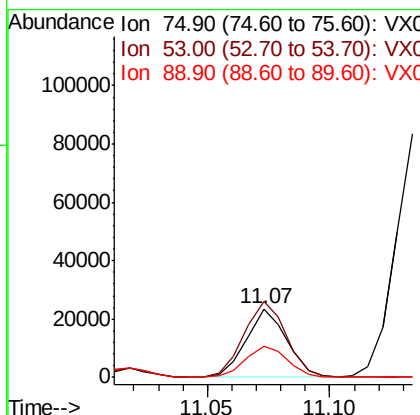
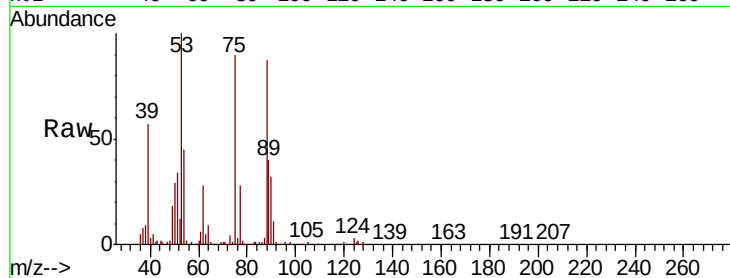
#81
trans-1,4-Dichloro-2-butene
Concen: 18.604 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.9	85.3	127.9
89	47.8	37.2	55.8

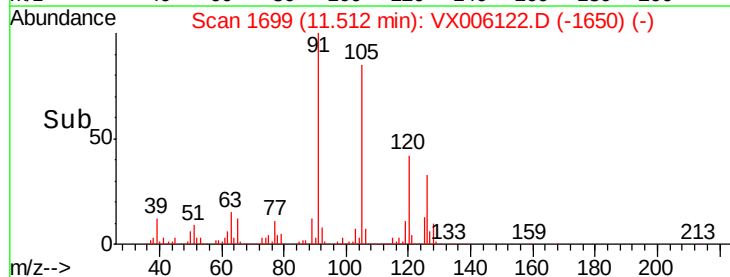
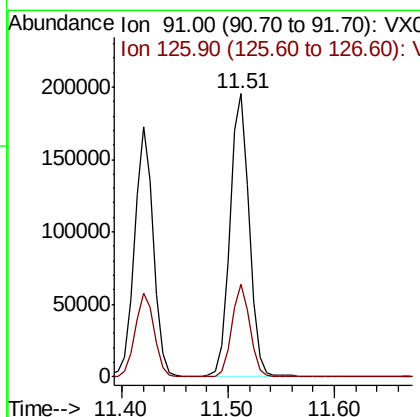
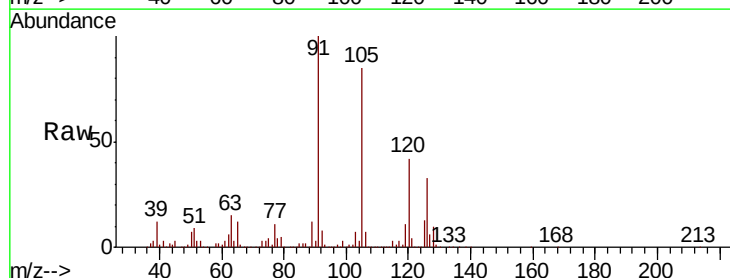
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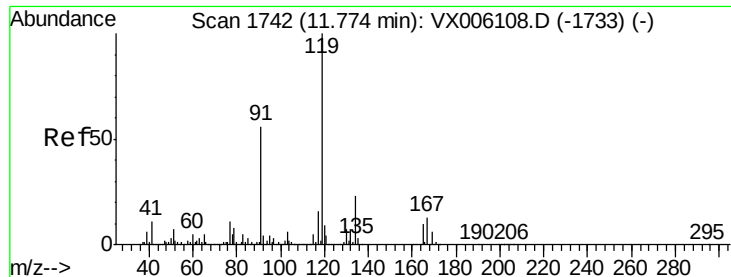
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#82
4-Chlorotoluene
Concen: 21.132 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.3	45.9





#83

tert-Butylbenzene

Concen: 20.834 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

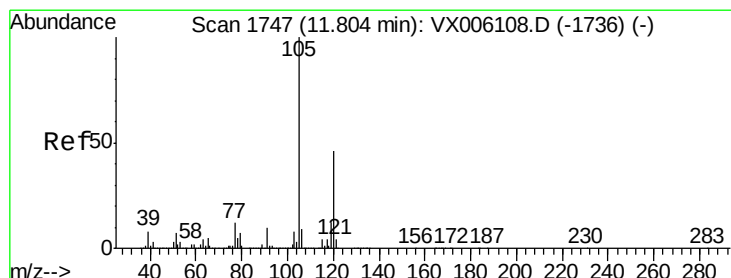
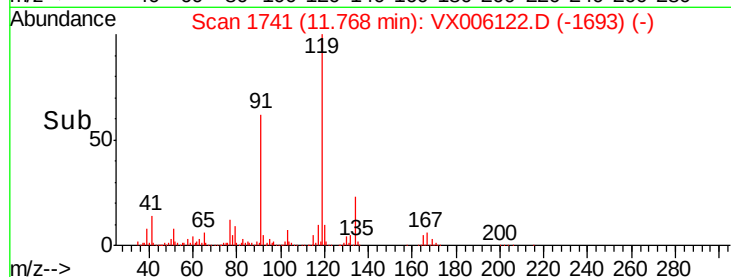
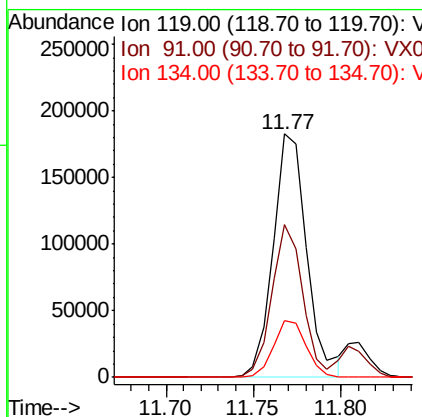
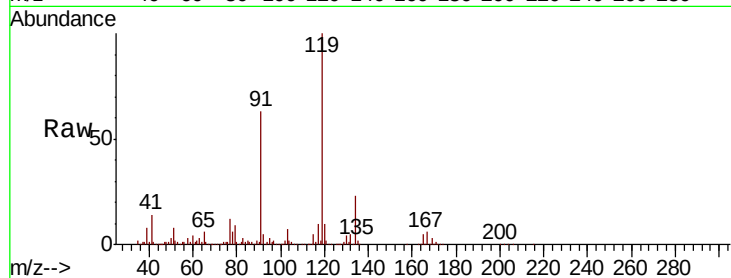
ClientSampleId :

VX1121WBS01

Tot Ion:	119	Resp:	244632
Ion Ratio	Lower	Upper	
119	100		
91	57.5	28.2	84.6
134	23.0	11.5	34.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.649 ug/l

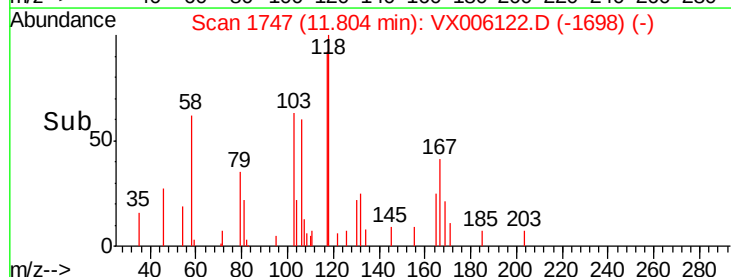
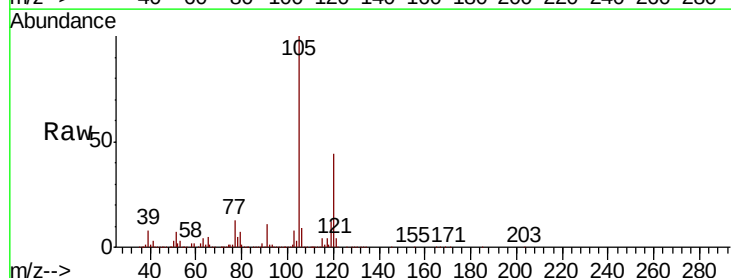
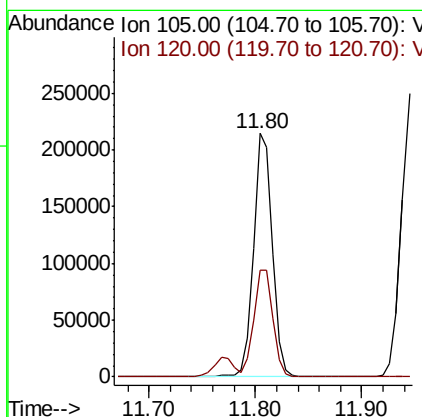
RT: 11.80 min Scan# 1747

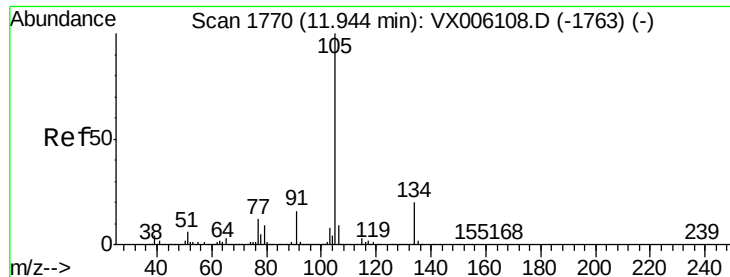
Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Tgt Ion:	105	Resp:	265597
Ion Ratio	Lower	Upper	
105	100		
120	44.7	22.7	68.0





#85

sec-Butylbenzene

Concen: 21.222 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tot Ion:105 Resp: 304796

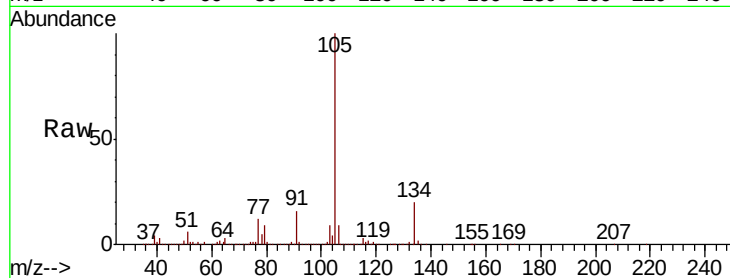
Ion Ratio Lower Upper

105 100

134 20.1 10.4 31.1

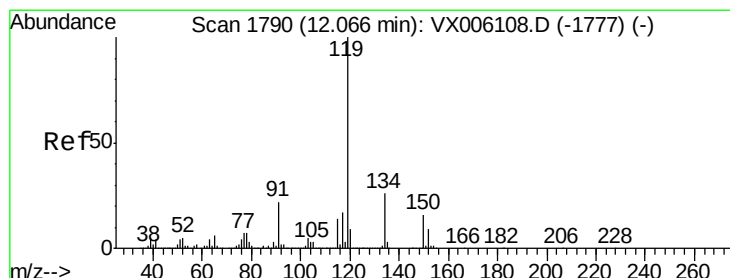
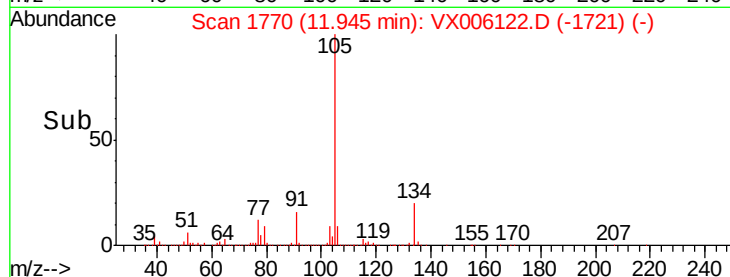
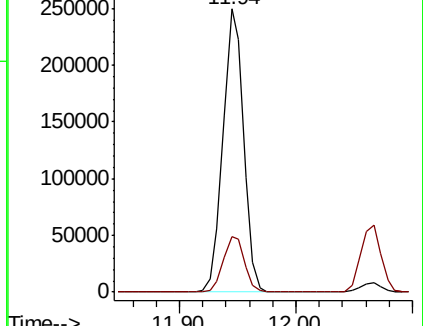
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.828 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

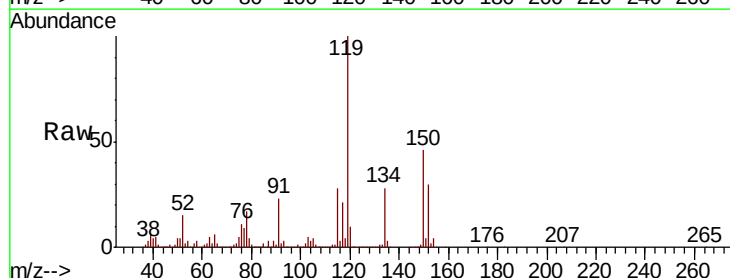
Tgt Ion:119 Resp: 266701

Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

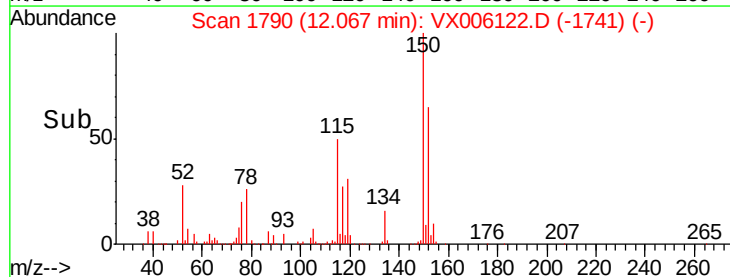
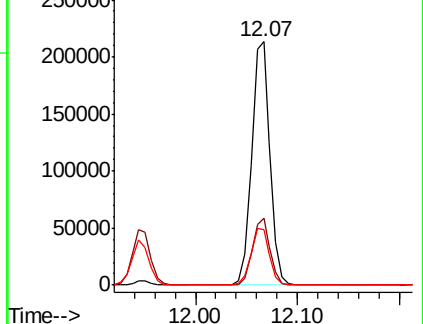
91 23.4 11.3 33.9

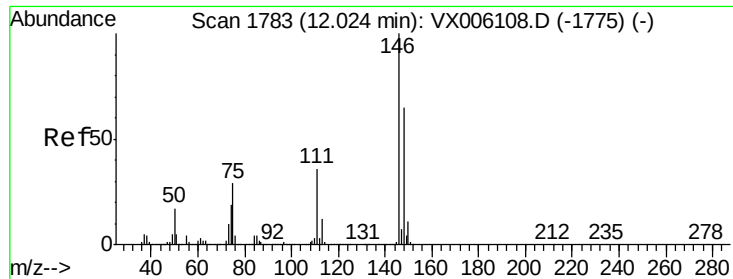


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 20.264 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

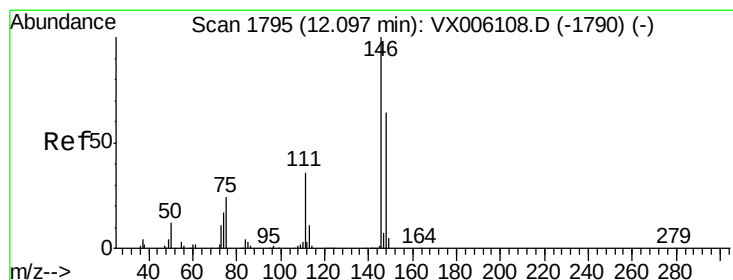
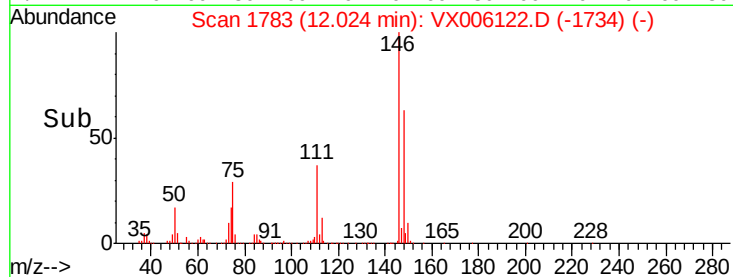
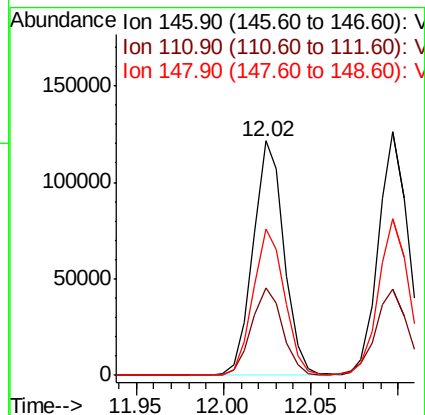
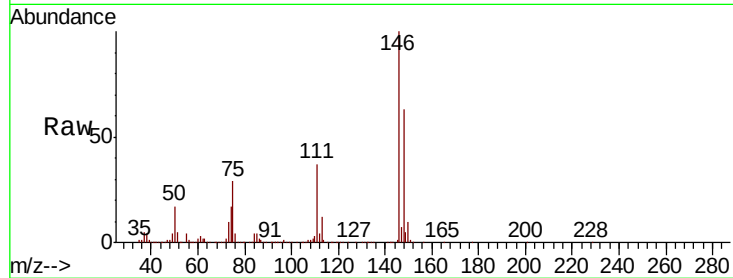
ClientSampleId :

VX1121WBS01

Tot Ion:	146	Resp:	149314
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.8	56.3
148	63.6	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.683 ug/l

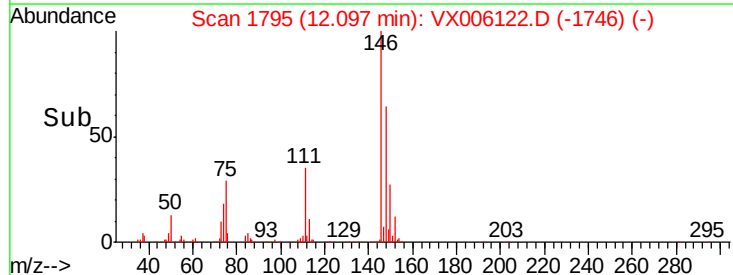
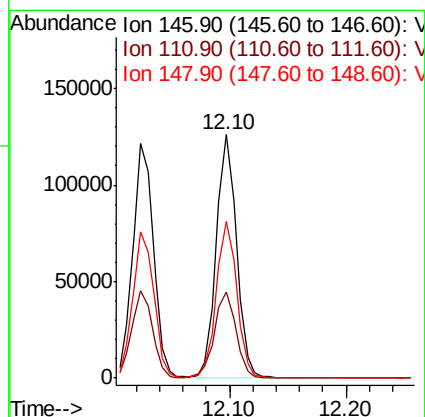
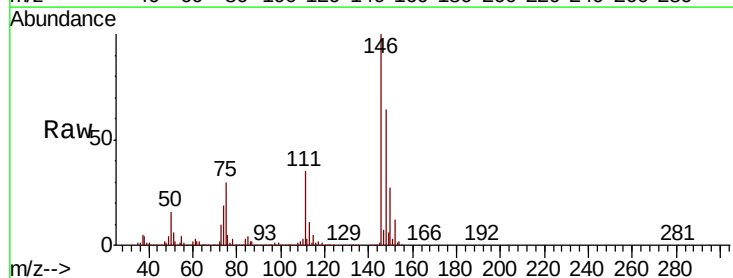
RT: 12.10 min Scan# 1795

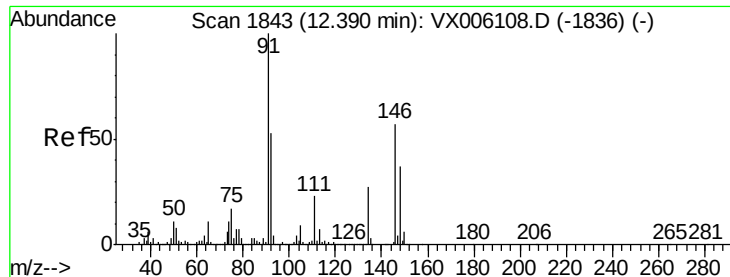
Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Tgt Ion:	146	Resp:	150346
Ion Ratio	Lower	Upper	
146	100		
111	38.3	18.3	54.9
148	65.7	32.2	96.6





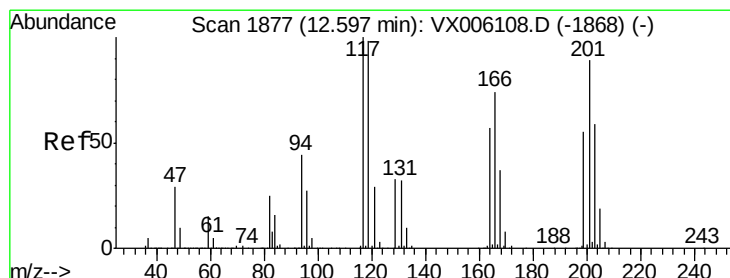
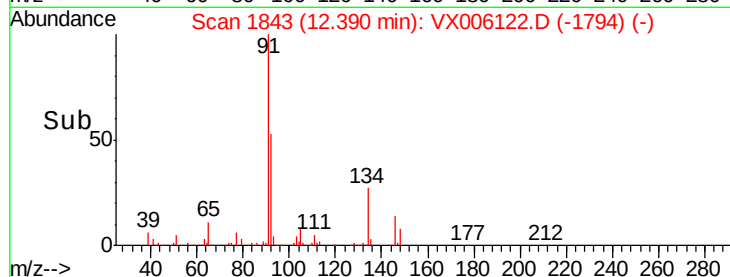
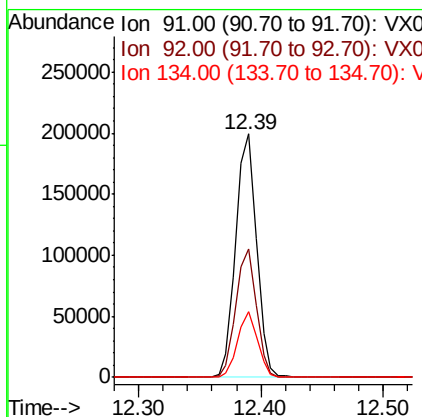
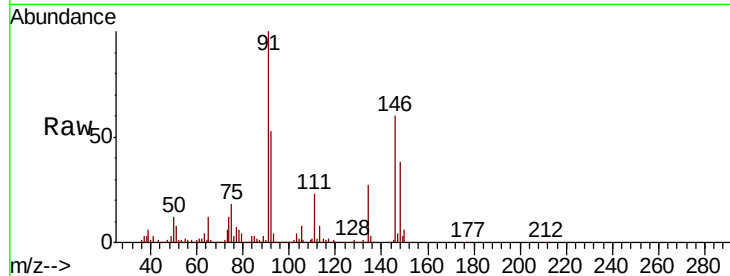
#89
n-Butylbenzene
Concen: 20.183 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.6	79.7
134	25.9	13.1	39.3

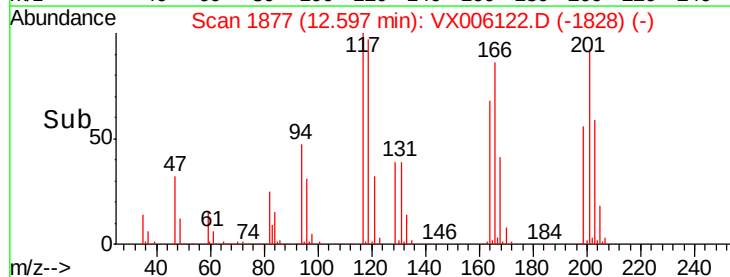
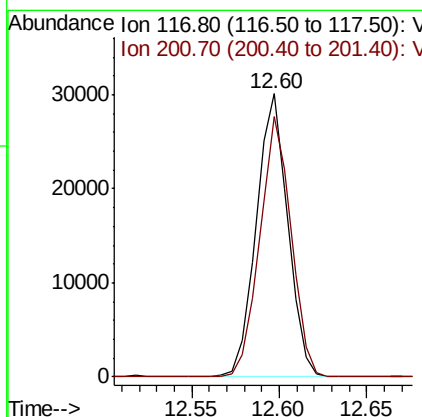
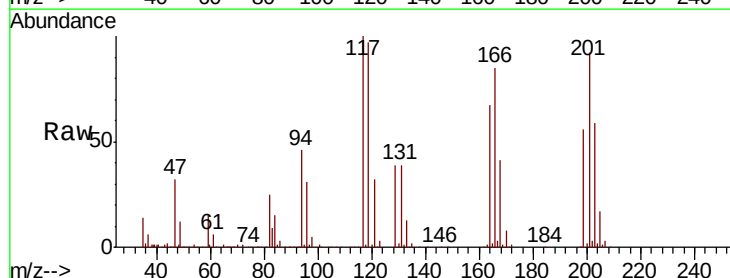
Manual Integrations
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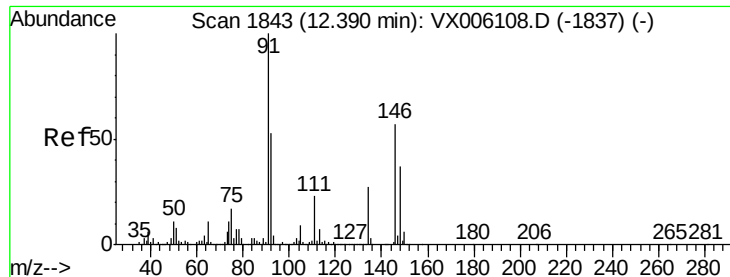
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#90
Hexachloroethane
Concen: 18.287 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.2	46.1	138.2





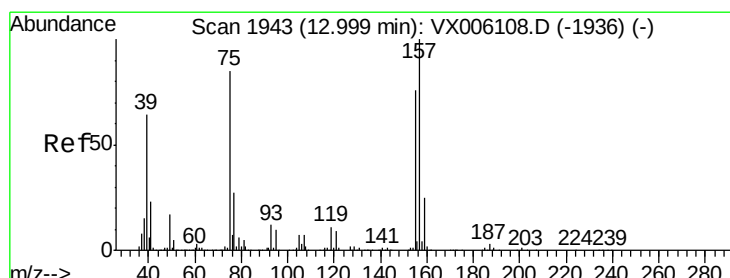
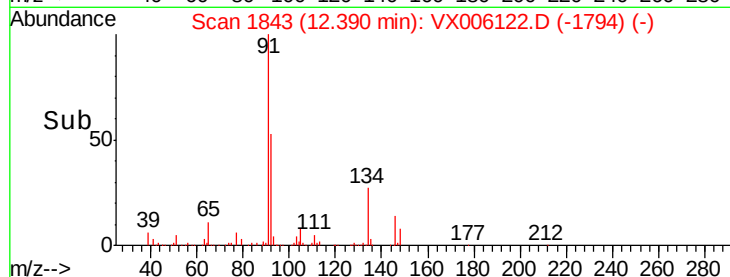
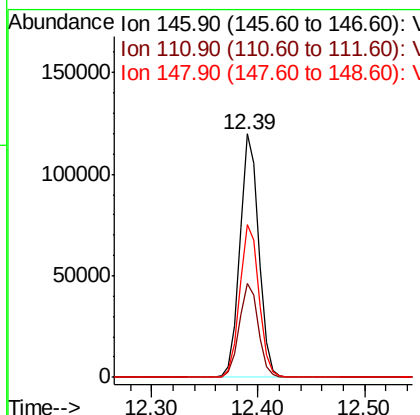
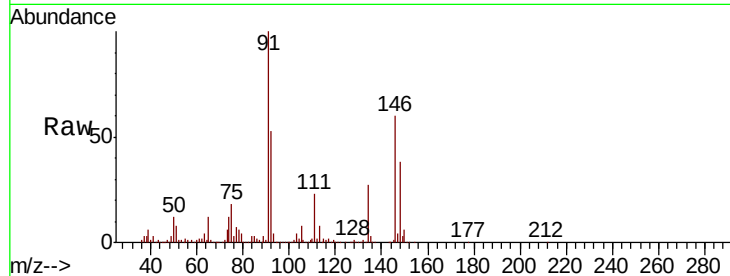
#91
 1,2-Dichlorobenzene
 Concen: 19.850 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006122.D
 Acq: 21 Nov 2018 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.8
148	63.8	32.0	96.0

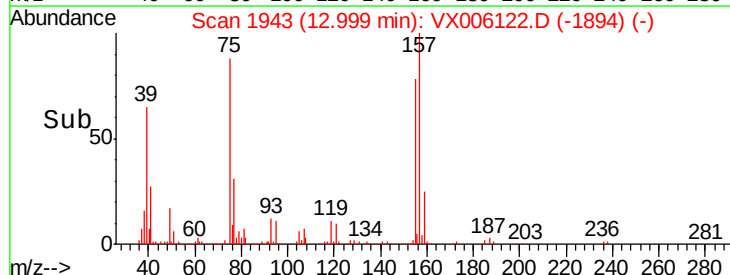
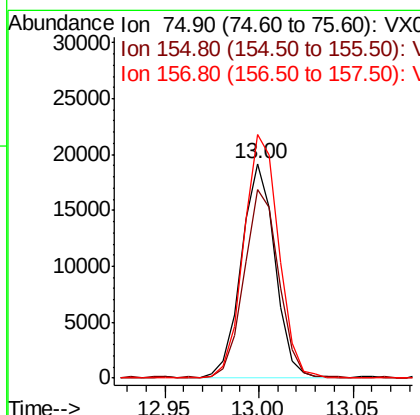
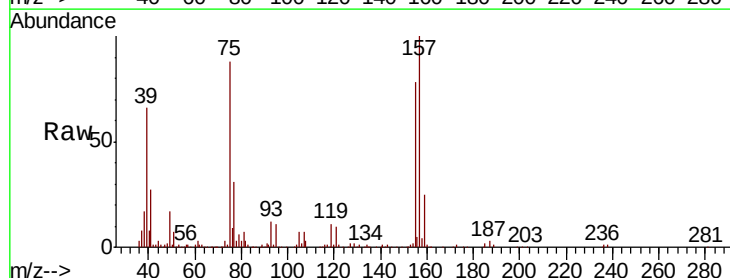
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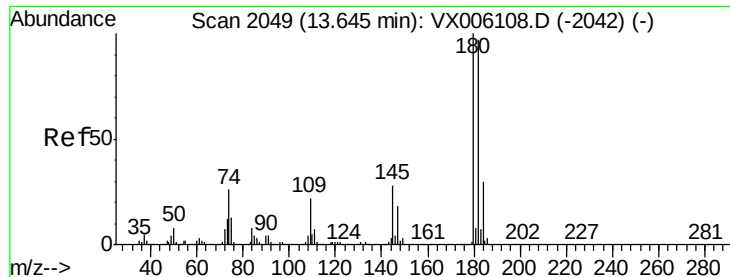
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 11/26/2018 10:52:24 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.761 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006122.D
 Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.5	46.1	138.3
157	119.5	59.8	179.3





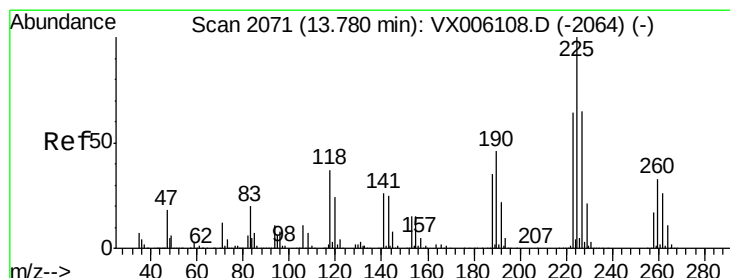
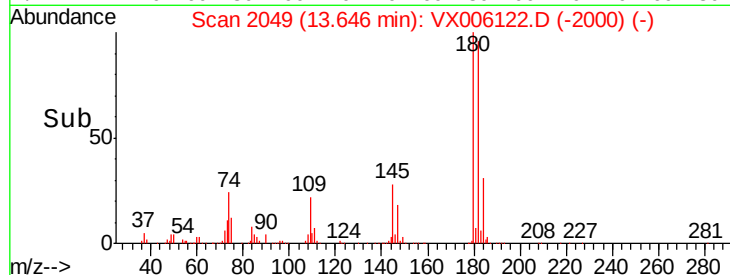
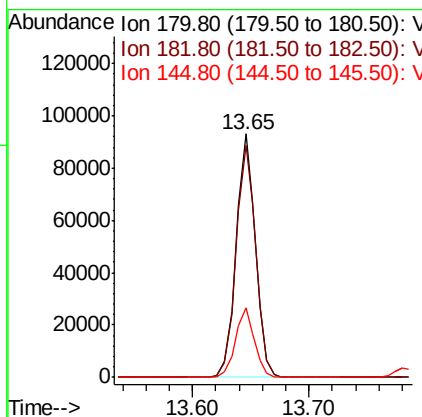
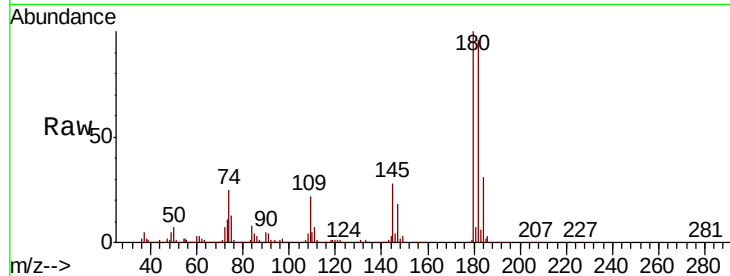
#93
1,2,4-Trichlorobenzene
Concen: 20.276 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	107598		
182	97.0	48.2	144.6	
145	27.8	14.1	42.2	

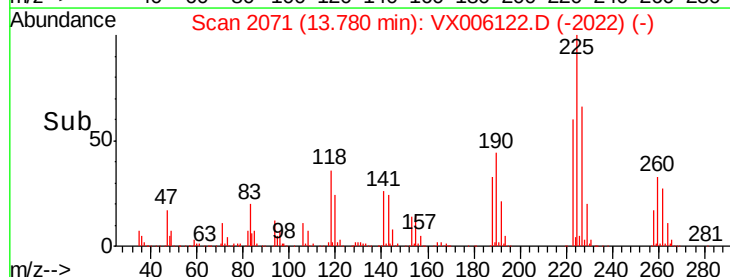
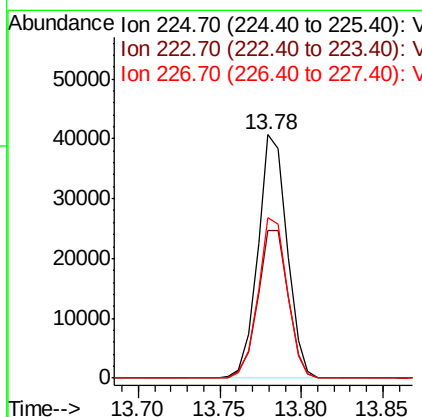
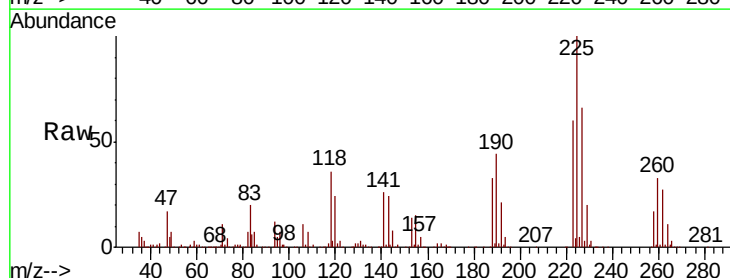
Manual Integrations
APPROVED

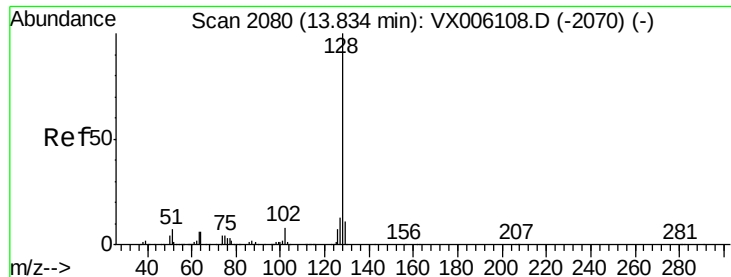
MMDadoda
11/26/2018 10:52:24 AM



#94
Hexachlorobutadiene
Concen: 19.590 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX006122.D
Acq: 21 Nov 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	50665		
223	63.1	31.2	93.6	
227	65.9	32.4	97.2	





#95

Naphthalene

Concen: 21.595 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Instrument :

MSVOA_X

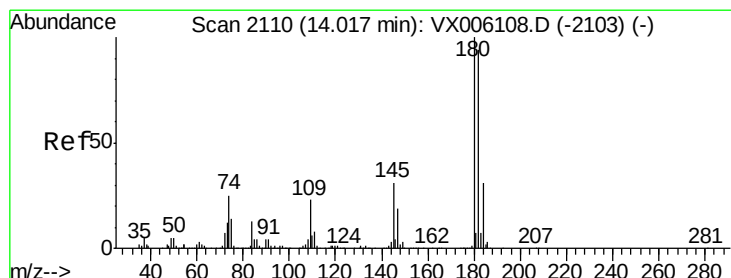
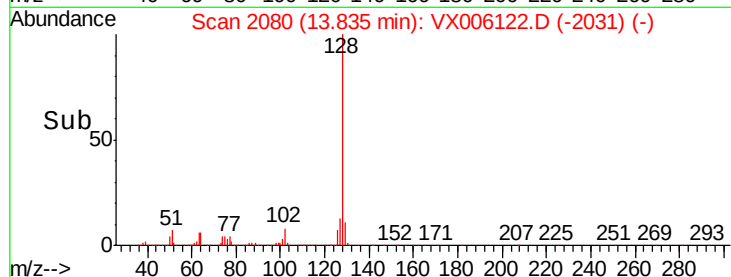
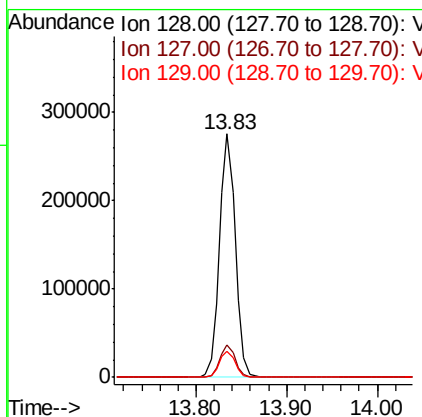
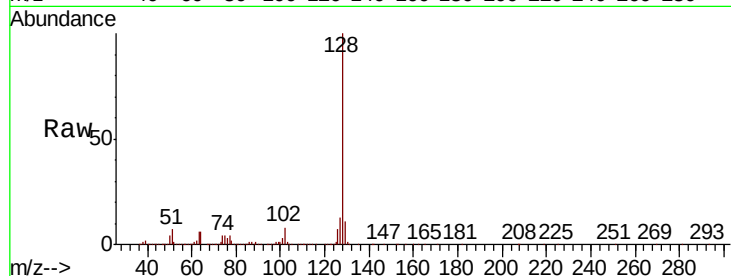
ClientSampleId :

VX1121WBS01

Tot Ion:	128	Resp:	336983
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
11/26/2018 10:52:24 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.332 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX006122.D

Acq: 21 Nov 2018 14:20

Tgt Ion:	180	Resp:	109999
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.5	142.5
145	30.6	15.0	45.0

