

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011287.D
 Acq On : 02 Aug 2019 02:44
 Operator : JC/SP
 Sample : K4118-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:04:48 AM

Quant Time: Aug 02 04:01:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	144251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	216989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	201911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108177	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	70637	48.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.26%	
35) Dibromofluoromethane	5.49	113	67230	47.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.92%	
50) Toluene-d8	8.71	98	253073	47.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.66%	
62) 4-Bromofluorobenzene	11.13	95	91719	48.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	51245	45.996	ug/l	100
3) Chloromethane	1.32	50	60184	48.105	ug/l	99
4) Vinyl Chloride	1.40	62	65176	47.359	ug/l	99
5) Bromomethane	1.63	94	45567	46.426	ug/l	99
6) Chloroethane	1.71	64	43972	51.699	ug/l	98
7) Trichlorofluoromethane	1.92	101	117777	48.132	ug/l	98
8) Diethyl Ether	2.18	74	40578	46.441	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	60429	45.641	ug/l	99
10) Methyl Iodide	2.50	142	82886	49.655	ug/l	99
11) Tert butyl alcohol	3.04	59	67691	233.679	ug/l	100
12) 1,1-Dichloroethene	2.37	96	61910	47.171	ug/l	95
13) Acrolein	2.29	56	38970	216.417	ug/l	97
14) Allyl chloride	2.72	41	83014	47.445	ug/l	99
15) Acrylonitrile	3.14	53	174663	252.671	ug/l	100
16) Acetone	2.43	43	143843	208.031	ug/l	99
17) Carbon Disulfide	2.56	76	149443	48.522	ug/l	100
18) Methyl Acetate	2.76	43	61719	39.059	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	190678	49.300	ug/l	99
20) Methylene Chloride	2.85	84	70603	46.624	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	66763	48.088	ug/l	97
22) Diisopropyl ether	3.85	45	185827	48.323	ug/l	95
23) Vinyl Acetate	3.81	43	645136	202.270	ug/l	100
24) 1,1-Dichloroethane	3.69	63	108867	48.011	ug/l	98
25) 2-Butanone	4.67	43	233671	237.570	ug/l	97
26) 2,2-Dichloropropane	4.57	77	57769	32.773	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	77163	48.253	ug/l	94
28) Bromochloromethane	5.01	49	50512	48.863	ug/l	99
29) Tetrahydrofuran	5.12	42	150216	249.079	ug/l	99
30) Chloroform	5.21	83	119150	48.347	ug/l	96
31) Cyclohexane	5.57	56	89200	47.681	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	102850	48.717	ug/l	99
36) 1,1-Dichloropropene	5.79	75	84915	44.822	ug/l	97
37) Ethyl Acetate	4.83	43	72882	38.352	ug/l	99
38) Carbon Tetrachloride	5.78	117	89539	46.977	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95811	42.665	ug/l	97
40) Benzene	6.14	78	269025	47.587	ug/l	99
41) Methacrylonitrile	5.03	41	46771	45.066	ug/l	96
42) 1,2-Dichloroethane	6.19	62	88827	46.465	ug/l	100
43) Isopropyl Acetate	6.44	43	125722	41.380	ug/l	99
44) Trichloroethene	7.21	130	77233	45.134	ug/l	100
45) 1,2-Dichloropropane	7.51	63	67025	45.778	ug/l	96
46) Dibromomethane	7.66	93	50393	47.148	ug/l	97
47) Bromodichloromethane	7.90	83	87132	48.149	ug/l	99
48) Methyl methacrylate	7.76	41	69402	48.539	ug/l	99
49) 1,4-Dioxane	7.74	88	36869	889.443	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	485840	247.783	ug/l	99
52) Toluene	8.78	92	175524	46.959	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	87300	41.911	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	96321	45.566	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	73143	47.593	ug/l	98
56) Ethyl methacrylate	9.18	69	105272	48.068	ug/l	99
57) 1,3-Dichloropropane	9.37	76	114903	47.276	ug/l	100
59) 2-Hexanone	9.49	43	375336	247.139	ug/l	100
60) Dibromochloromethane	9.58	129	76725	48.763	ug/l	100
61) 1,2-Dibromoethane	9.67	107	78341	47.182	ug/l	100
64) Tetrachloroethene	9.34	164	76818	44.800	ug/l	95
65) Chlorobenzene	10.13	112	198548	45.862	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	72783	49.107	ug/l	100
67) Ethyl Benzene	10.25	91	342514	47.241	ug/l	100
68) m/p-Xylenes	10.35	106	266317	94.963	ug/l	99
69) o-Xylene	10.69	106	128870	46.769	ug/l	100
70) Styrene	10.71	104	222579	48.819	ug/l	100
71) Bromoform	10.85	173	57648	43.869	ug/l #	98
73) Isopropylbenzene	11.02	105	345073	46.641	ug/l	99
74) N-amyl acetate	10.90	43	107558	40.234	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	116354	47.192	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	94942m	48.193	ug/l	
77) Bromobenzene	11.25	156	96186	46.884	ug/l	99
78) n-propylbenzene	11.36	91	386577	46.985	ug/l	100
79) 2-Chlorotoluene	11.42	91	228441	46.583	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	291417	47.053	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28463	39.614	ug/l	99
82) 4-Chlorotoluene	11.51	91	268123	46.914	ug/l	99
83) tert-Butylbenzene	11.77	119	289496	47.659	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	294503	47.760	ug/l	99
85) sec-Butylbenzene	11.94	105	337683	46.271	ug/l	99
86) p-Isopropyltoluene	12.06	119	312165	46.495	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	167597	46.234	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	168654	45.120	ug/l	99
89) n-Butylbenzene	12.38	91	264090	45.657	ug/l	99
90) Hexachloroethane	12.59	117	47910	48.267	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	170147	46.715	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	23047	48.248	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	109306	45.252	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	53811	43.909	ug/l	98
95) Naphthalene	13.83	128	339660	48.085	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	114255	46.527	ug/l	98

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

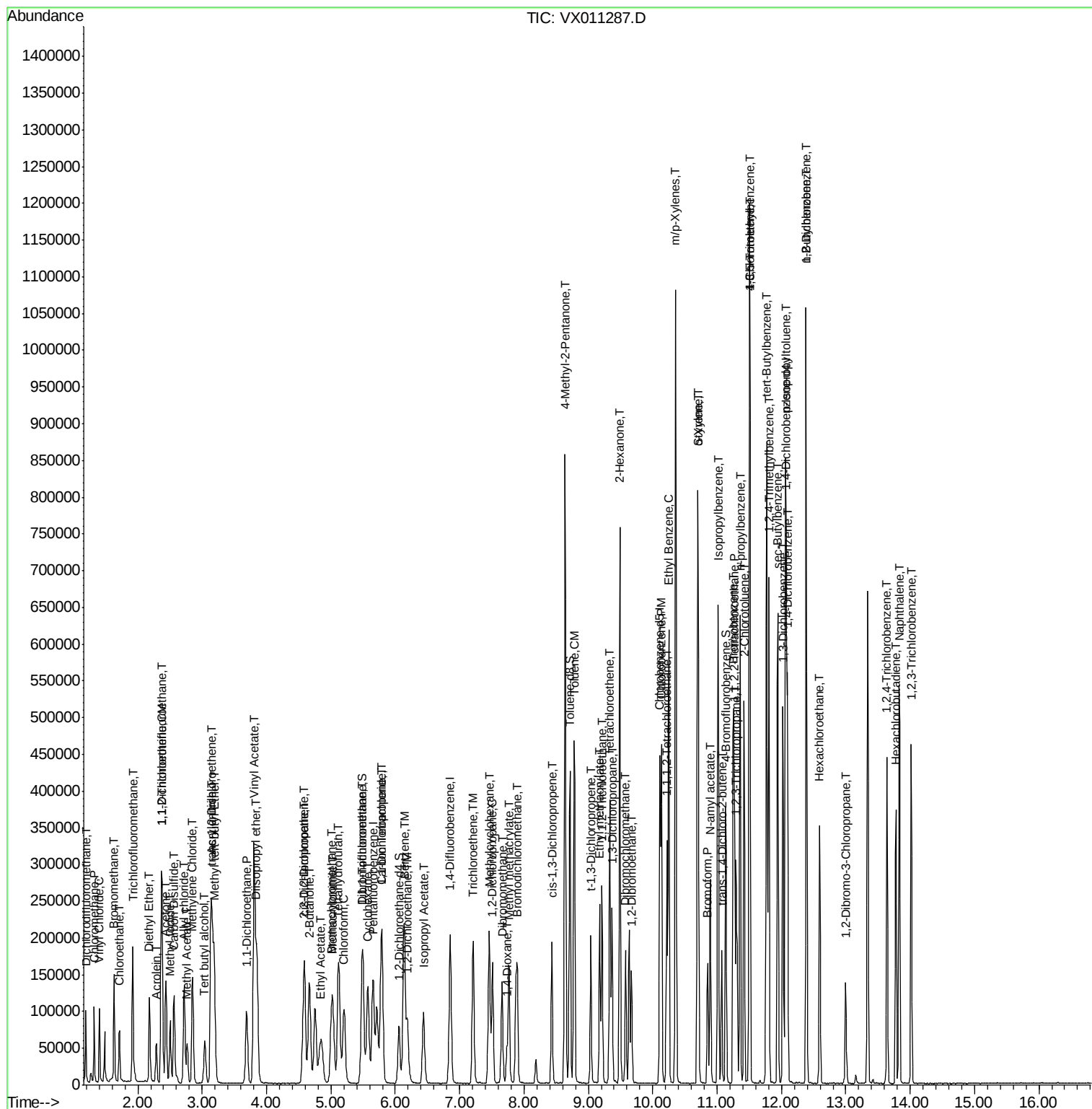
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
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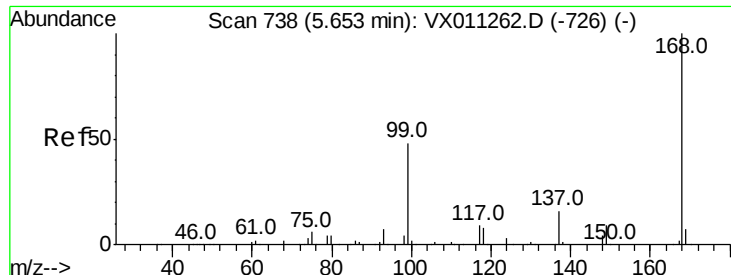
Instrument :
MSVOA_X
ClientSampleId :
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampled :

SA-MW127I-20190730MS

Tot Ion:168 Resp: 144251

Ion Ratio Lower Upper

168 100

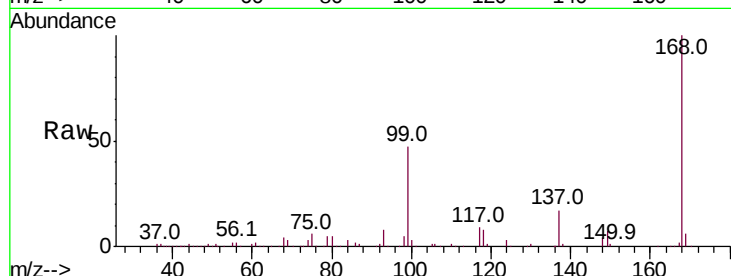
99 46.8 38.5 57.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

20000

10000

0

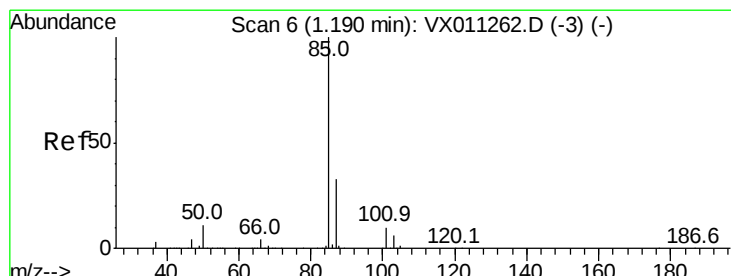
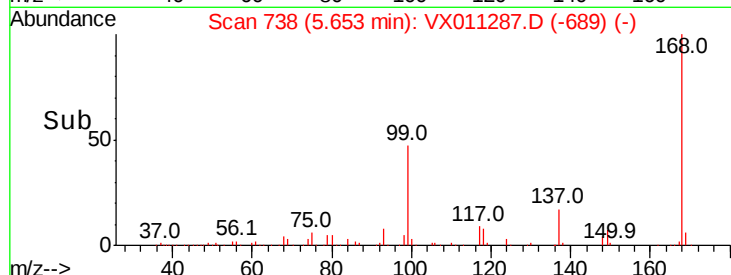
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 45.996 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011287.D

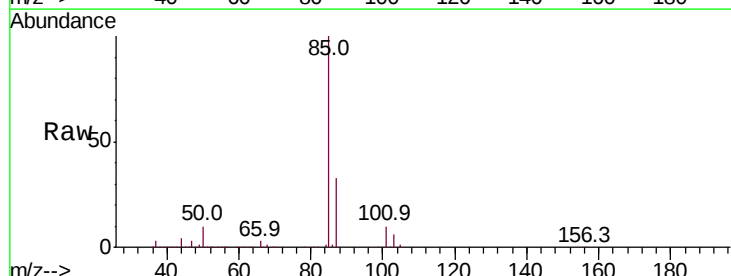
Acq: 02 Aug 2019 02:44

Tgt Ion: 85 Resp: 51245

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

50000

40000

30000

20000

10000

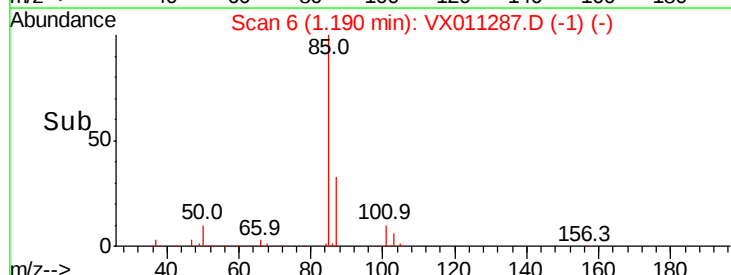
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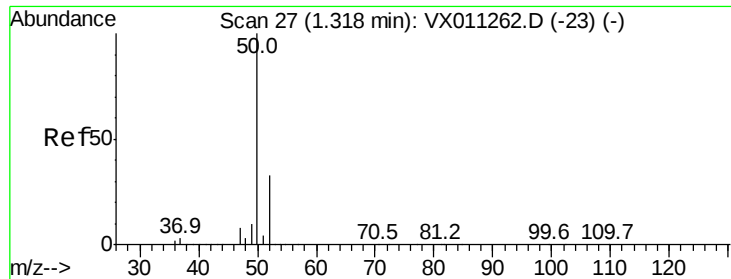
Time-->

1.15

1.20

1.25





#3

Chloromethane

Concen: 48.105 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

Tot Ion: 50 Resp: 60184

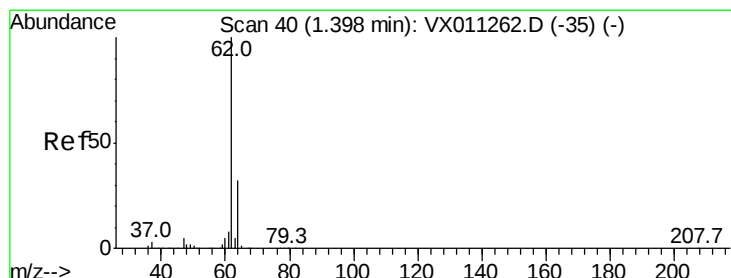
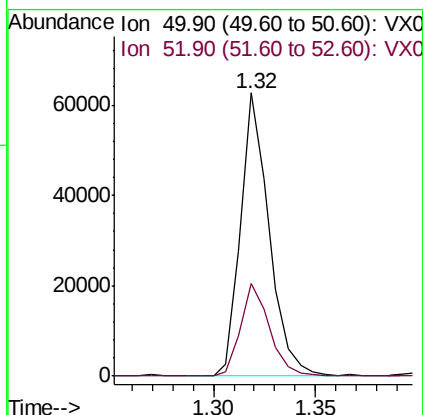
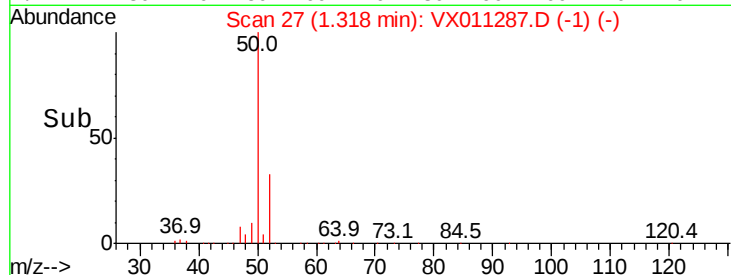
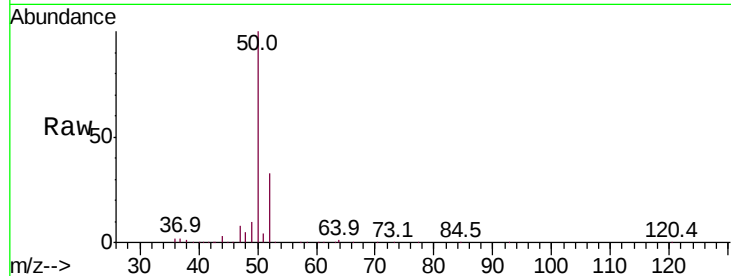
Ion Ratio Lower Upper

50 100

52 32.7 26.4 39.6

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#4

Vinyl Chloride

Concen: 47.359 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011287.D

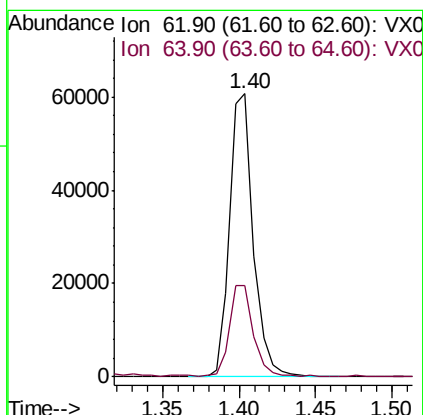
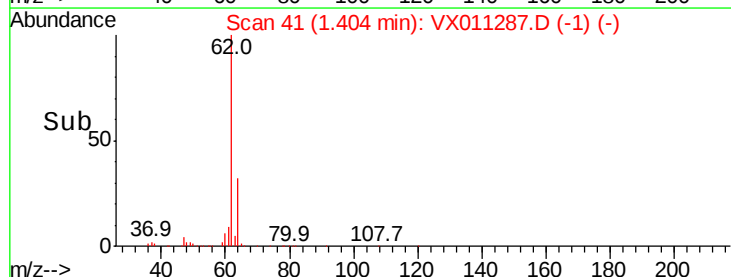
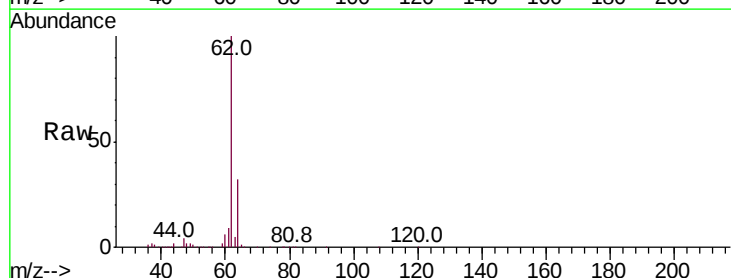
Acq: 02 Aug 2019 02:44

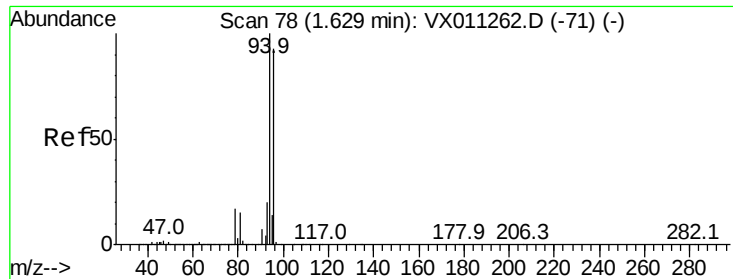
Tgt Ion: 62 Resp: 65176

Ion Ratio Lower Upper

62 100

64 32.0 26.0 39.0





#5

Bromomethane

Concen: 46.426 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

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ClientSampleId :

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Tot Ion: 94 Resp: 45567

Ion Ratio Lower Upper

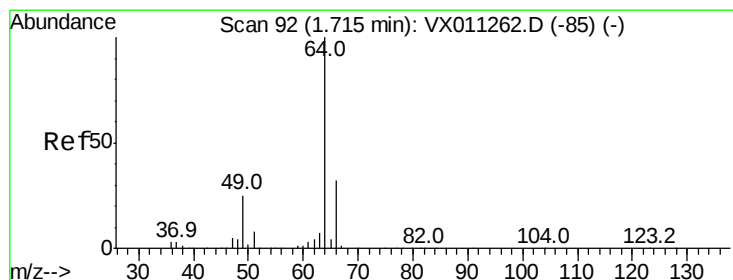
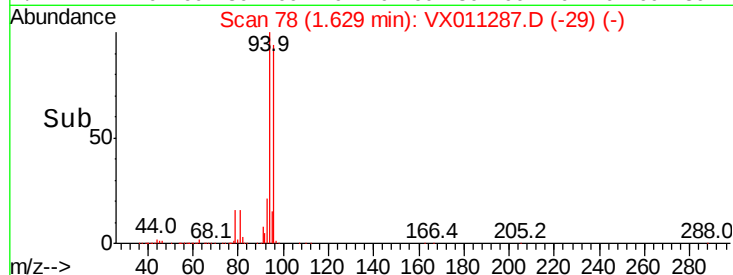
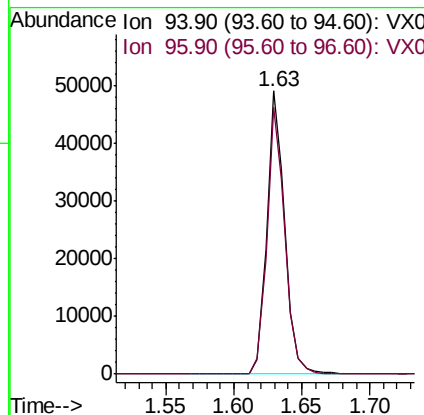
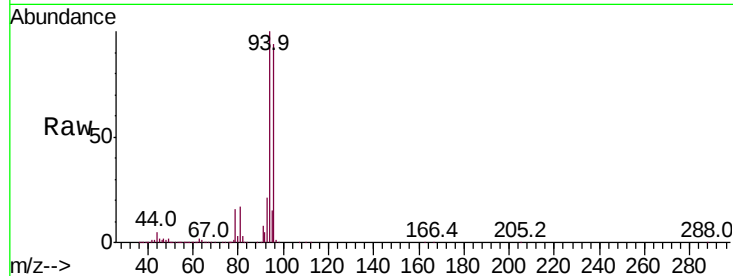
94 100

96 94.2 74.6 112.0

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#6

Chloroethane

Concen: 51.699 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011287.D

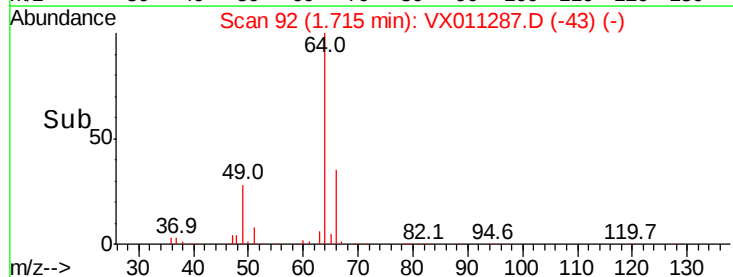
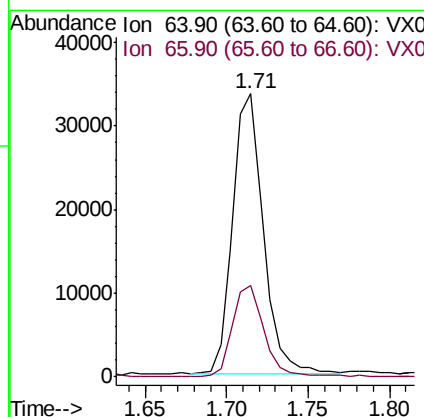
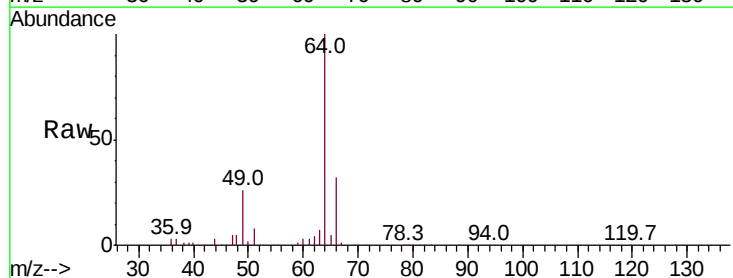
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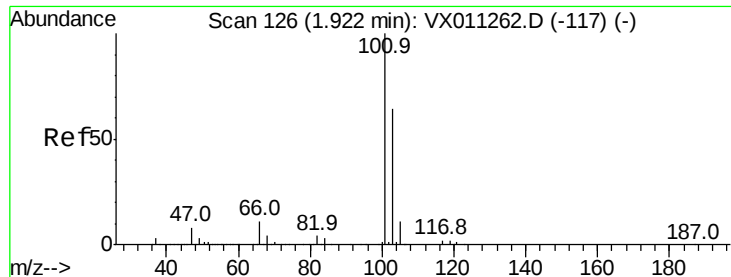
Tgt Ion: 64 Resp: 43972

Ion Ratio Lower Upper

64 100

66 32.5 25.1 37.7





#7

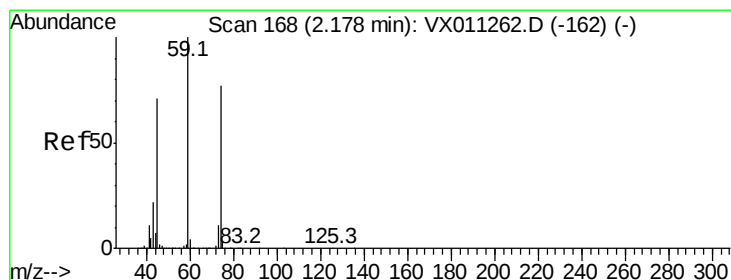
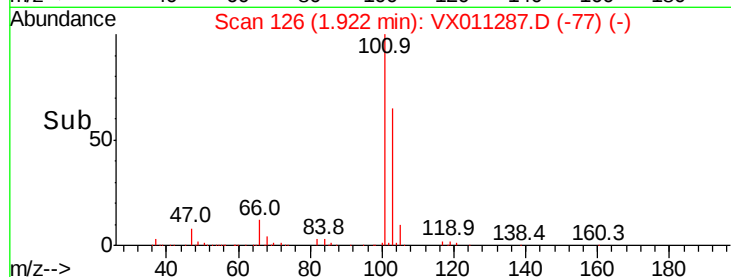
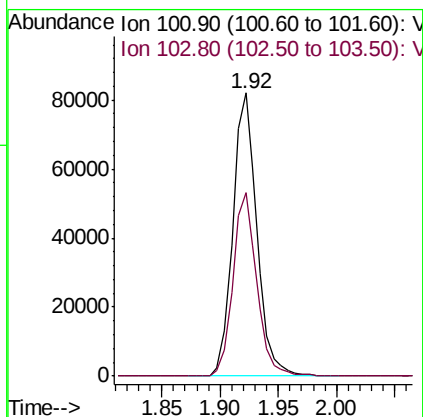
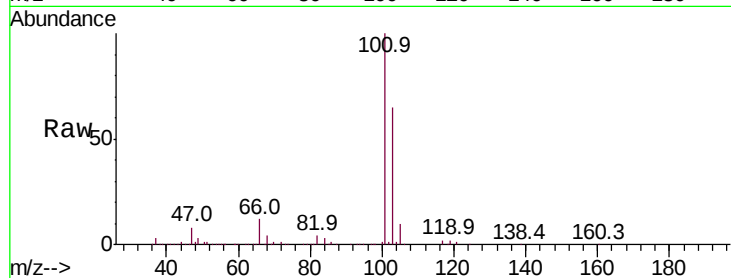
Trichlorofluoromethane
Concen: 48.132 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.9	76.3

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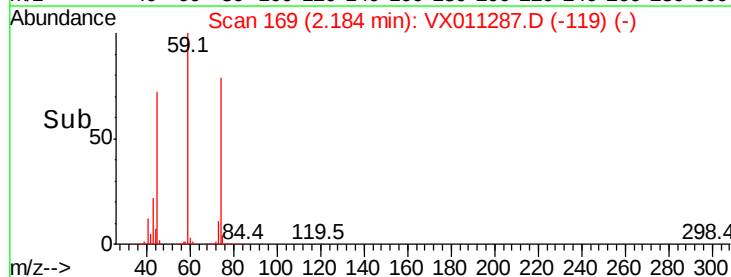
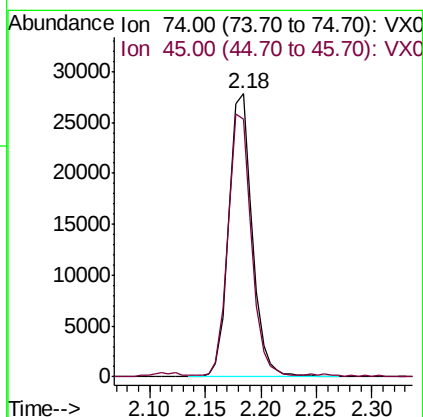
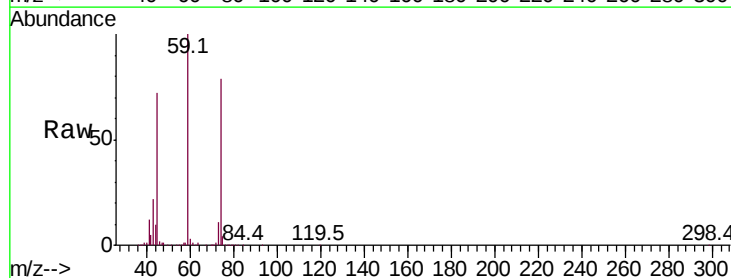
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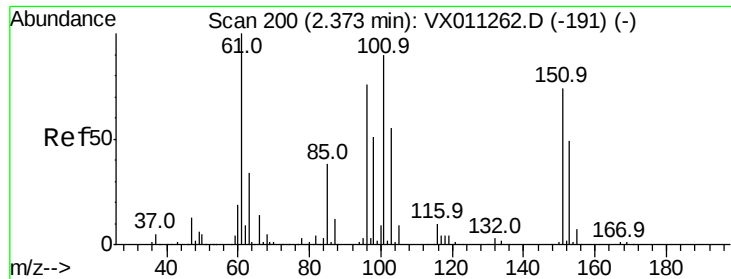


#8

Diethyl Ether
Concen: 46.441 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.9	46.1	138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.641 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

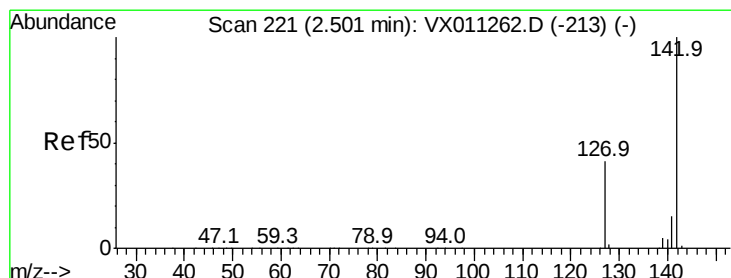
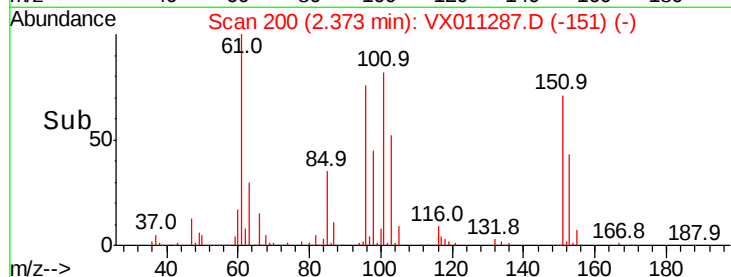
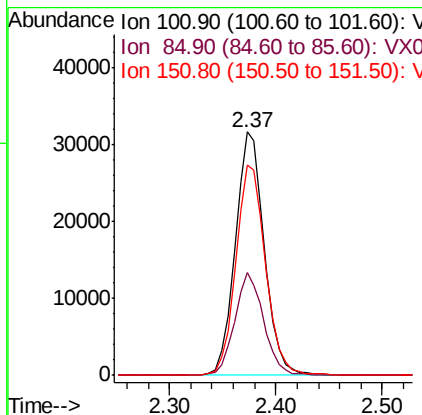
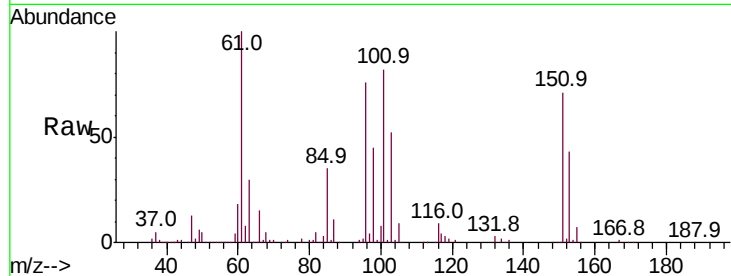
ClientSampleId :

SA-MW127I-20190730MS

Tot Ion:	101	Resp:	60429
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.8	50.6
151	88.6	69.5	104.3

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#10

Methyl Iodide

Concen: 49.655 ug/l

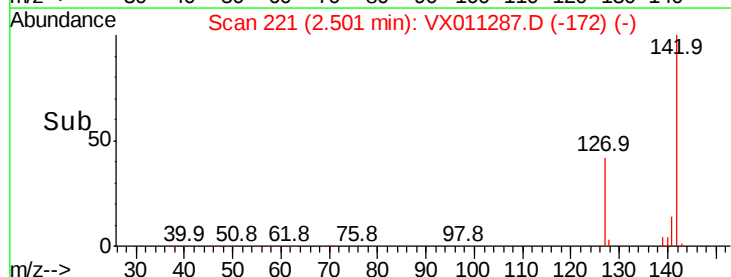
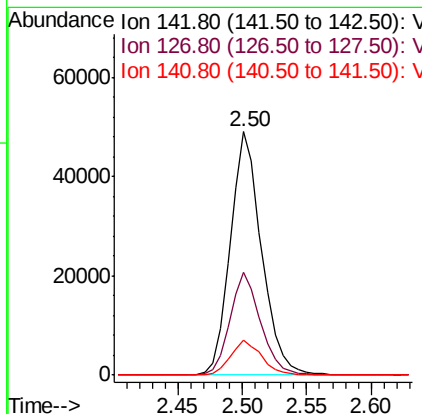
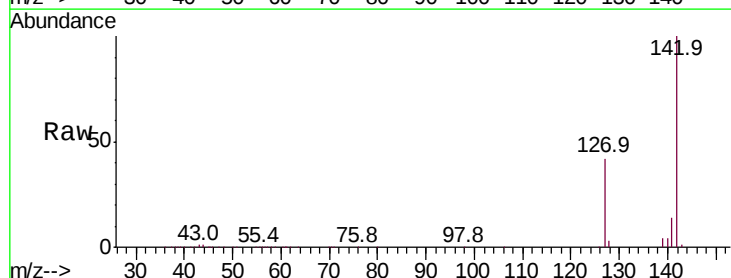
RT: 2.50 min Scan# 221

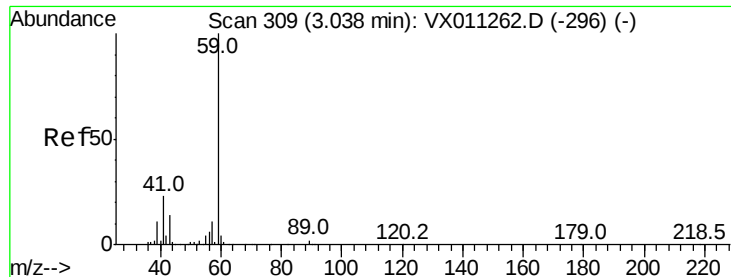
Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Tgt Ion:	142	Resp:	82886
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.8	50.8
141	14.5	11.4	17.2





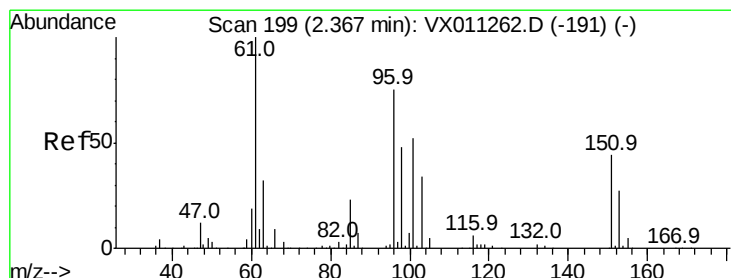
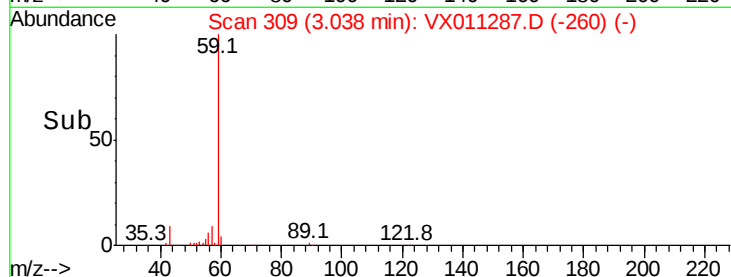
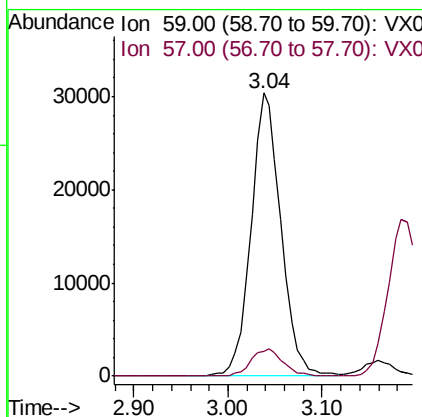
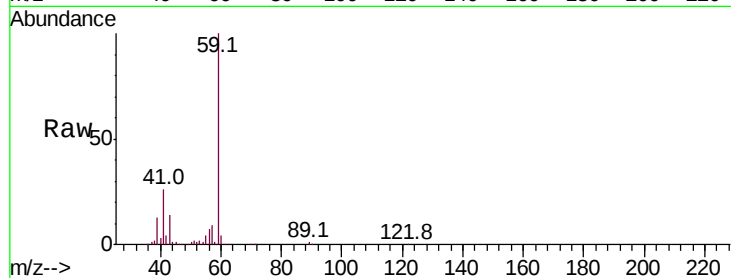
#11
Tert butyl alcohol
Concen: 233.679 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

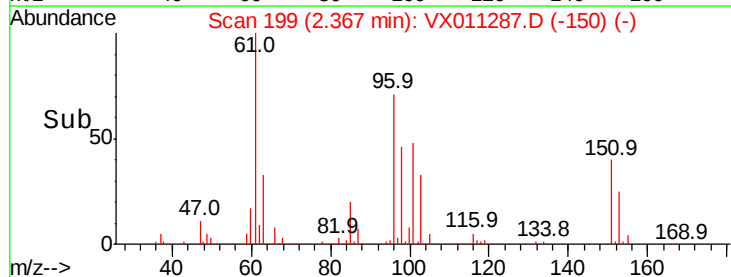
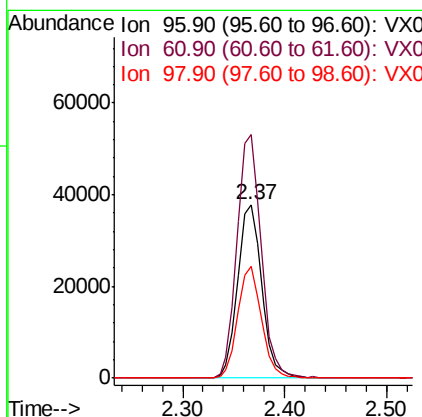
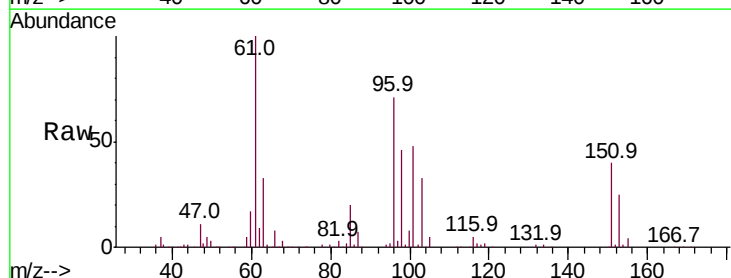
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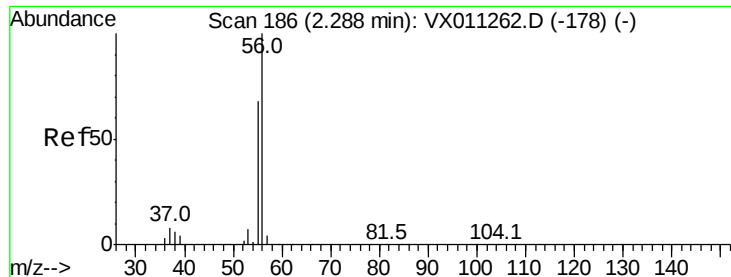
MMDadoda
8/2/2019 9:04:48 AM



#12
1,1-Dichloroethene
Concen: 47.171 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.4	106.2	159.2
98	64.7	50.6	75.8





#13

Acrolein

Concen: 216.417 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

Tot Ion: 56 Resp: 38970

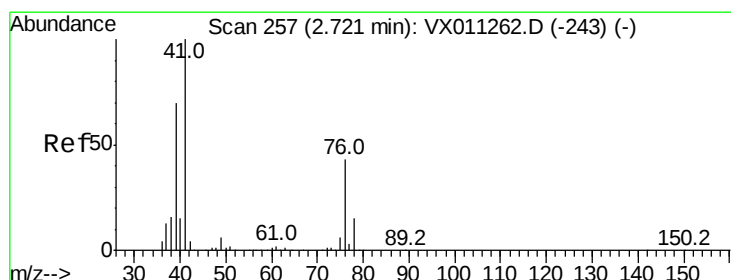
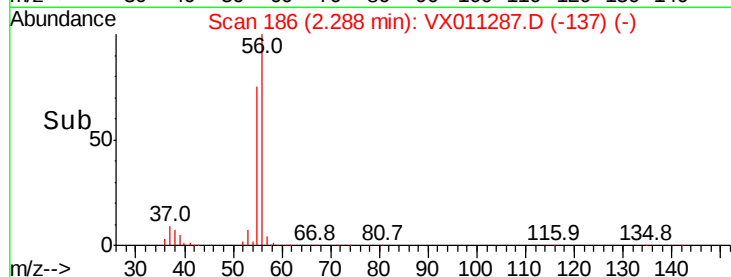
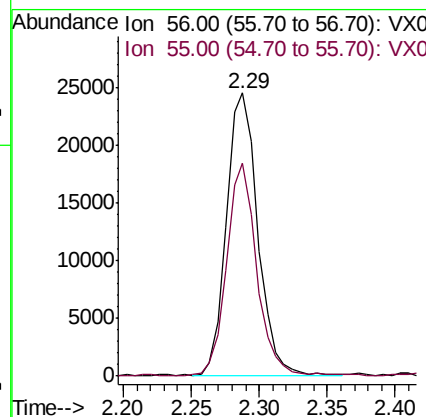
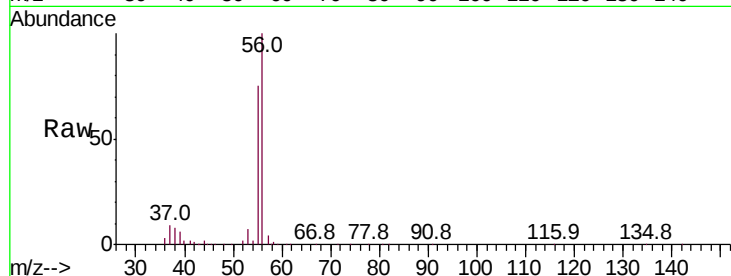
Ion Ratio Lower Upper

56 100

55 72.3 56.0 84.0

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#14

Allyl chloride

Concen: 47.445 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

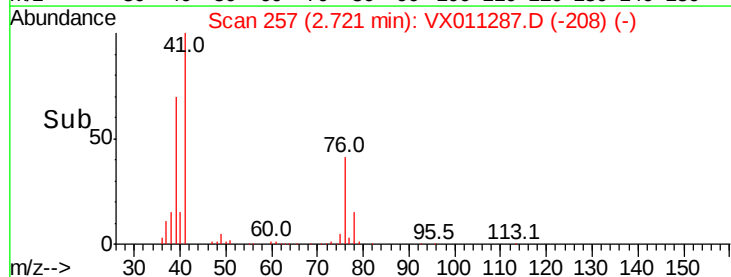
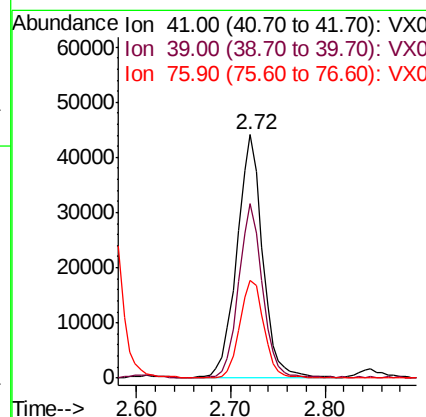
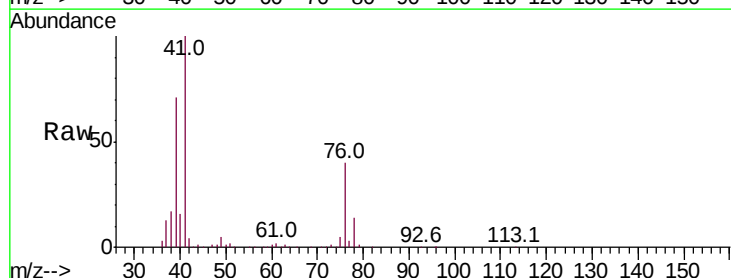
Tgt Ion: 41 Resp: 83014

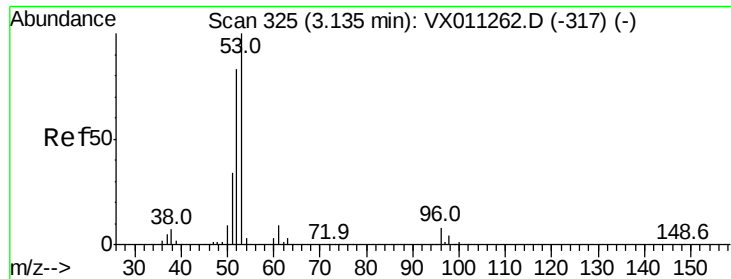
Ion Ratio Lower Upper

41 100

39 66.2 52.8 79.2

76 38.3 31.1 46.7





#15

Acrylonitrile

Concen: 252.671 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

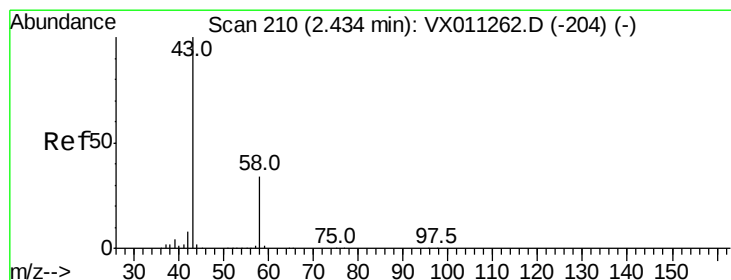
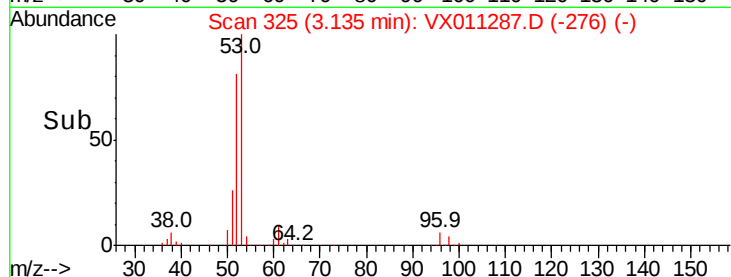
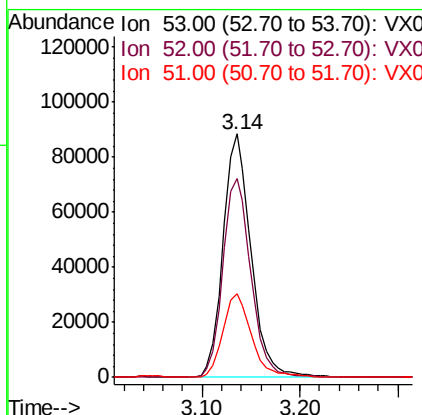
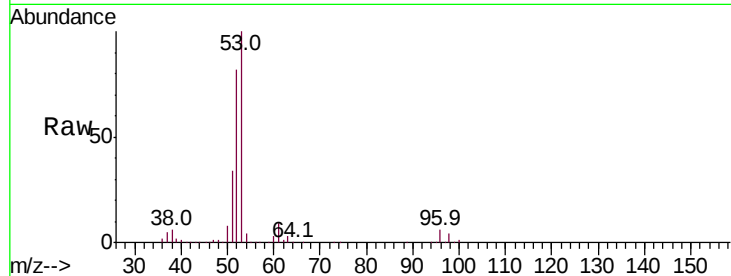
ClientSampleId :

SA-MW127I-20190730MS

Tot Ion:	53	Resp:	174663
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.5	98.3
51	35.1	27.9	41.9

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#16

Acetone

Concen: 208.031 ug/l

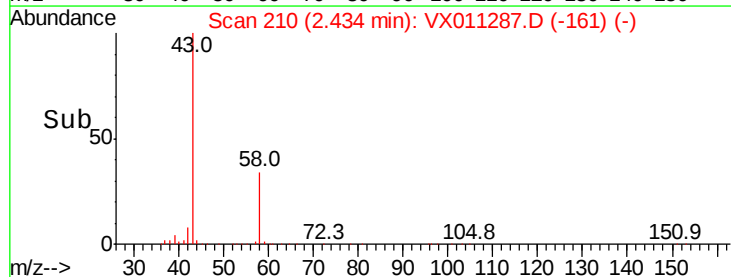
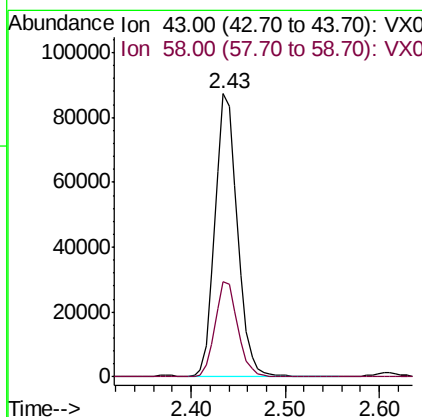
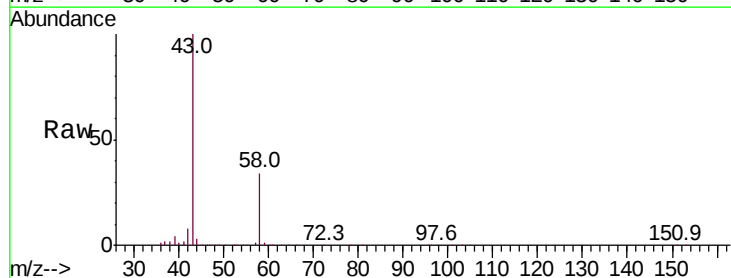
RT: 2.43 min Scan# 210

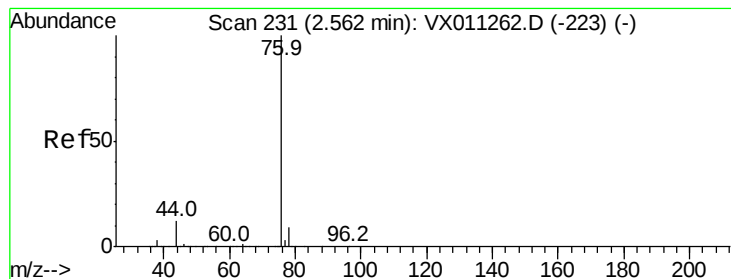
Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Tgt Ion:	43	Resp:	143843
Ion	Ratio	Lower	Upper
43	100		
58	33.7	27.4	41.0





#17

Carbon Disulfide

Concen: 48.522 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

Tot Ion: 76 Resp: 149443

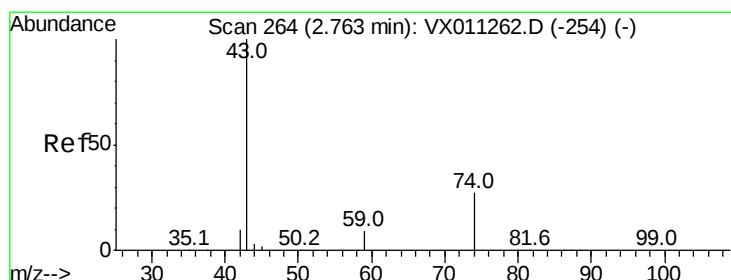
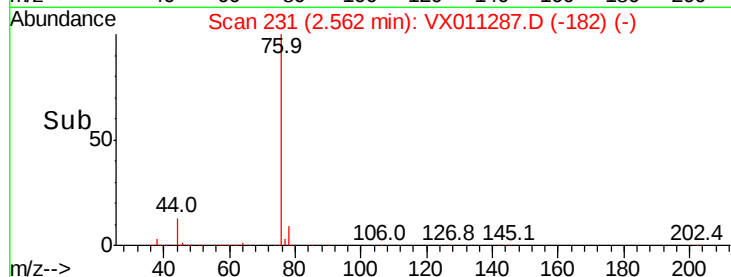
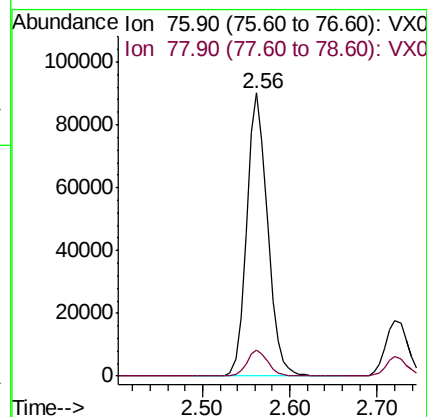
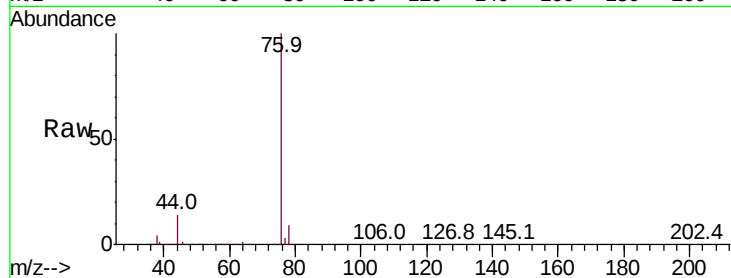
Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

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#18

Methyl Acetate

Concen: 39.059 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011287.D

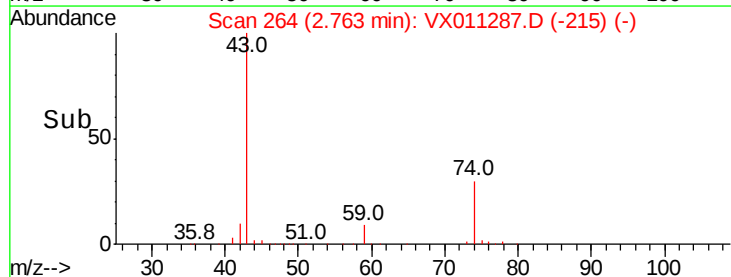
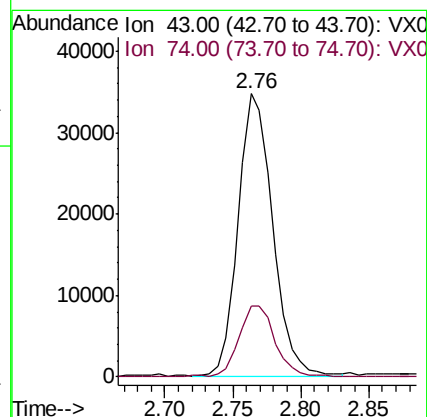
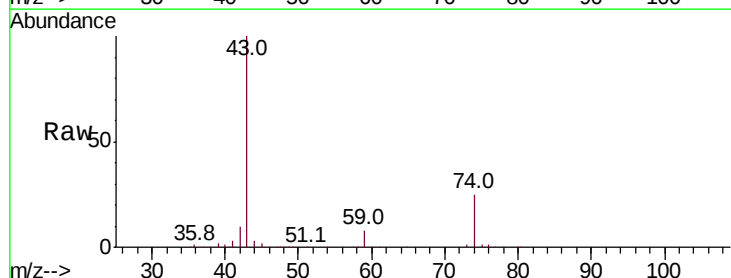
Acq: 02 Aug 2019 02:44

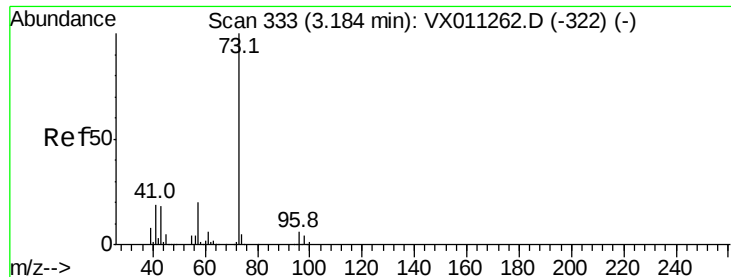
Tgt Ion: 43 Resp: 61719

Ion Ratio Lower Upper

43 100

74 26.7 21.0 31.6





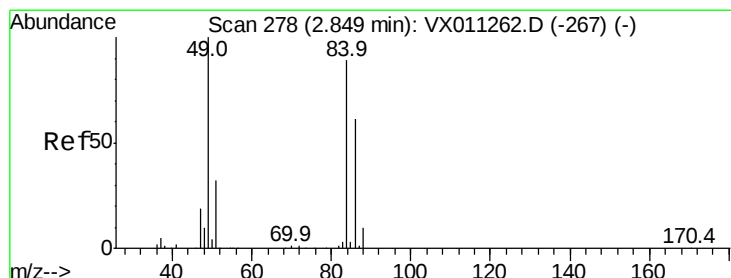
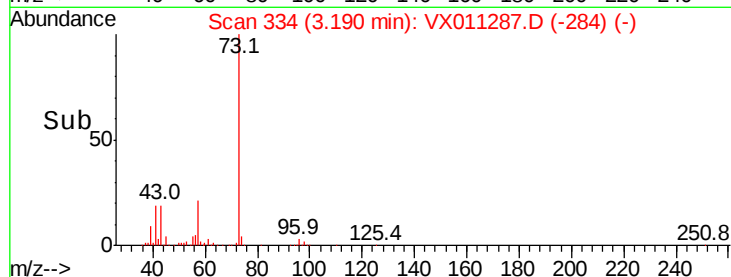
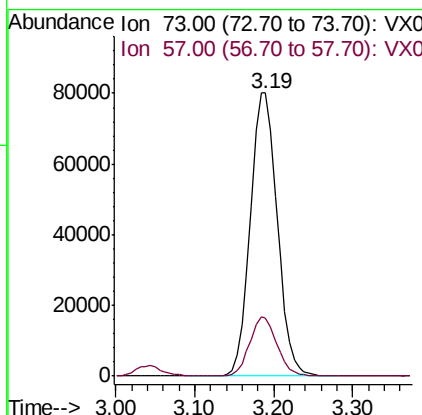
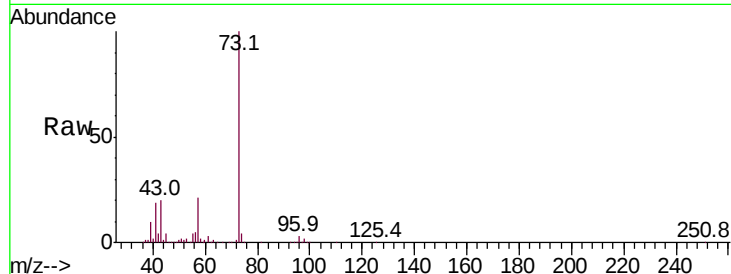
#19
Methvl tert-butvl Ether
Concen: 49.300 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

Tot Ion: 73 Resp: 190678
Ion Ratio Lower Upper
73 100
57 20.7 16.2 24.2

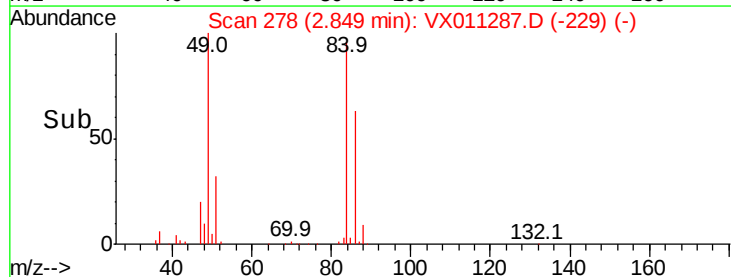
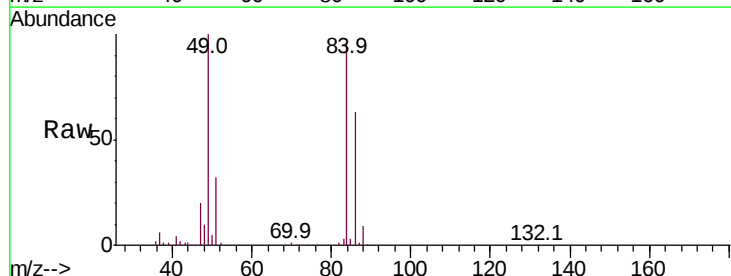
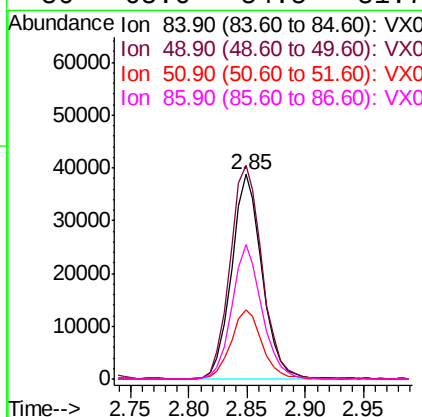
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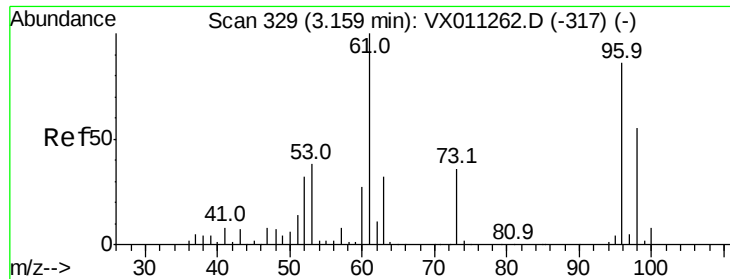
MMDadoda
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#20
Methylene Chloride
Concen: 46.624 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion: 84 Resp: 70603
Ion Ratio Lower Upper
84 100
49 104.3 89.3 133.9
51 33.6 28.3 42.5
86 65.6 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 48.088 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011287.D

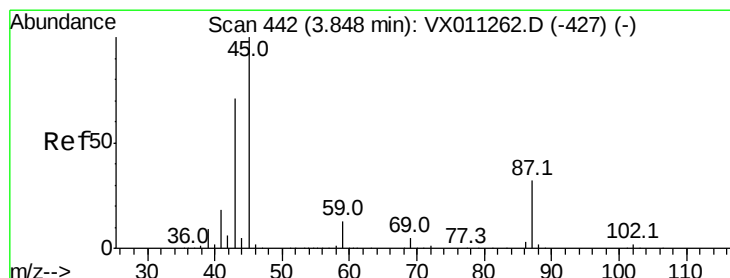
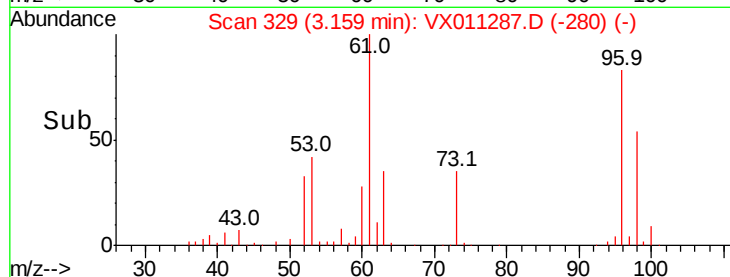
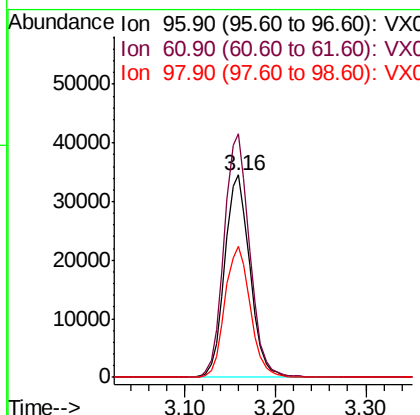
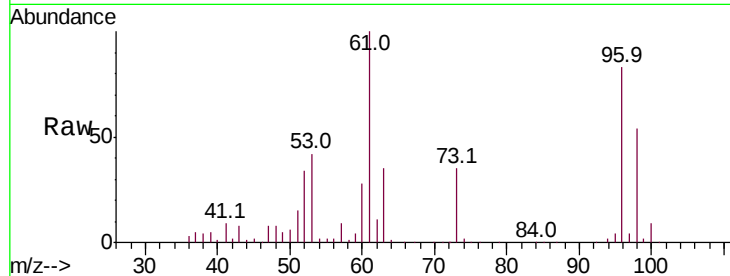
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	120.5	92.8	139.2
98	65.1	51.2	76.8

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#22

Diisopropyl ether

Concen: 48.323 ug/l

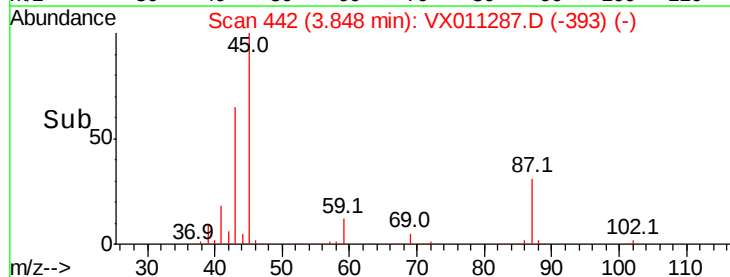
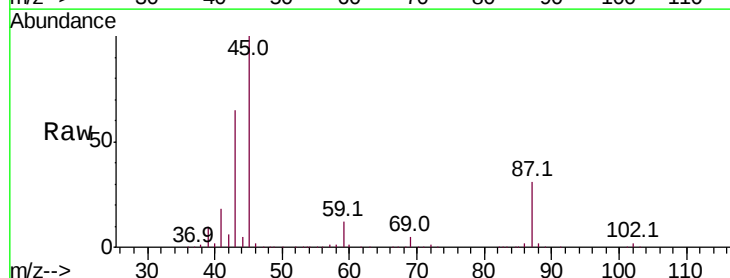
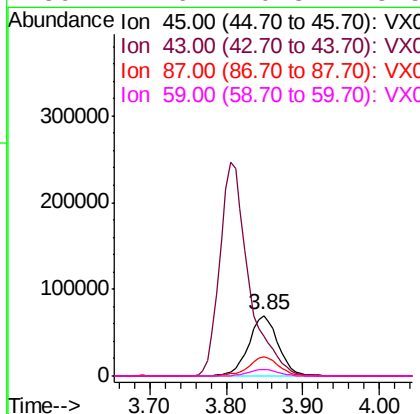
RT: 3.85 min Scan# 442

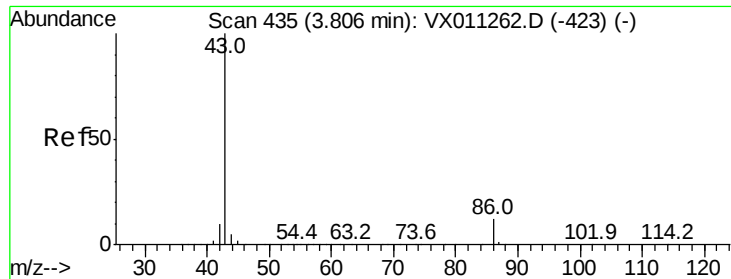
Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.4	56.8	85.2
87	31.3	25.8	38.6
59	11.6	10.3	15.5





#23

Vinyl Acetate

Concen: 202.270 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

Tot Ion: 43 Resp: 645136

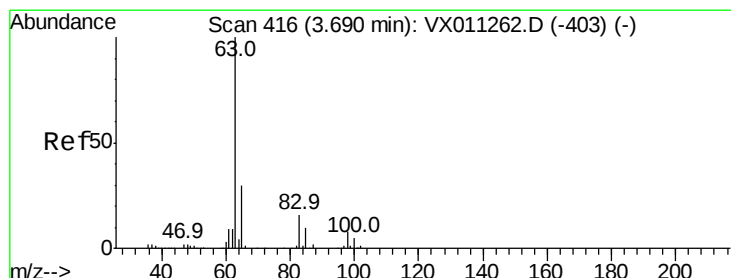
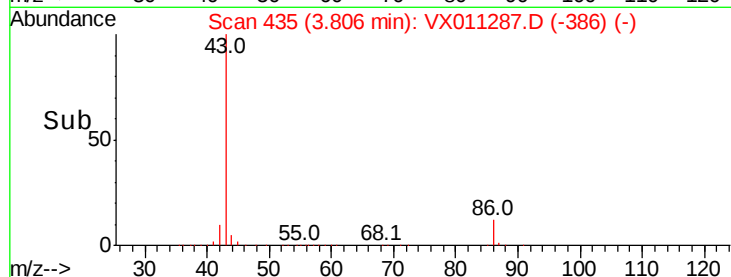
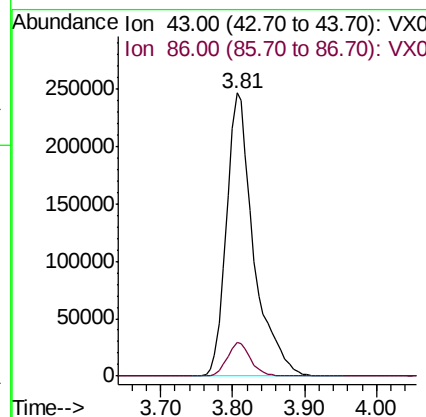
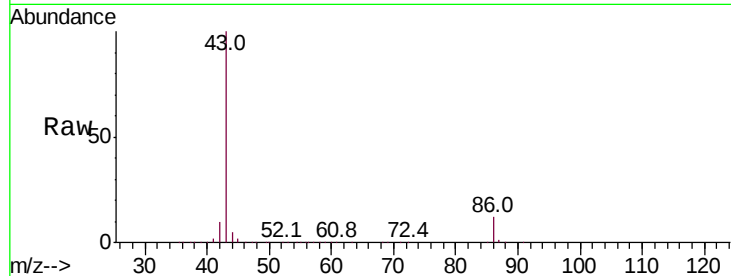
Ion Ratio Lower Upper

43 100

86 11.8 9.6 14.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 48.011 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

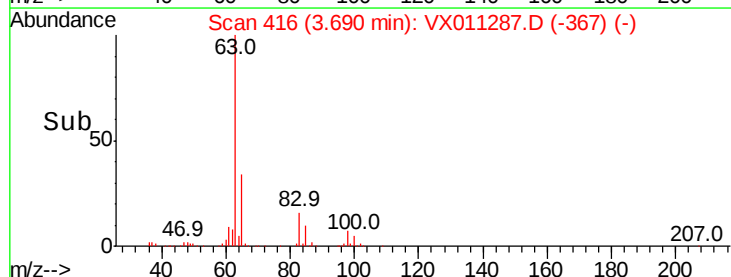
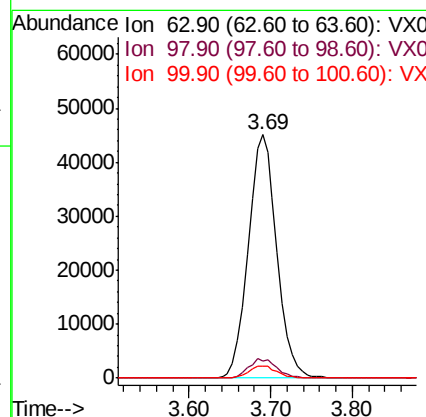
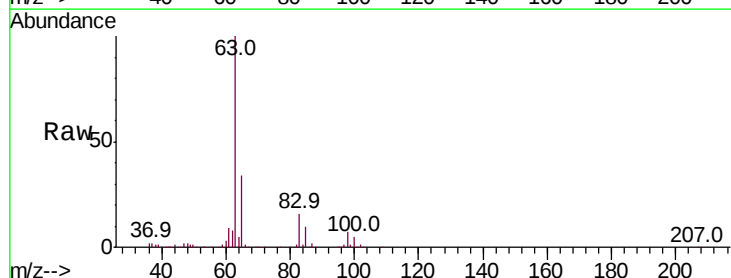
Tgt Ion: 63 Resp: 108867

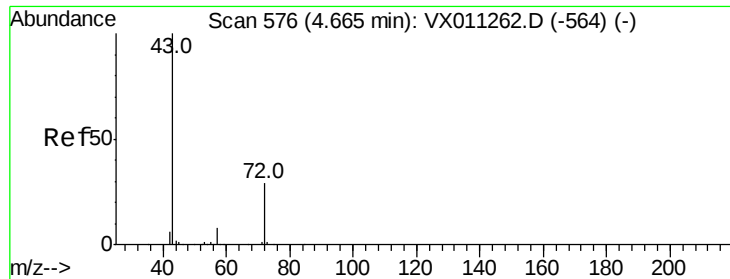
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.6 2.7 8.1





#25

2-Butanone

Concen: 237.570 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

Tot Ion: 43 Resp: 233671

Ion Ratio Lower Upper

43 100

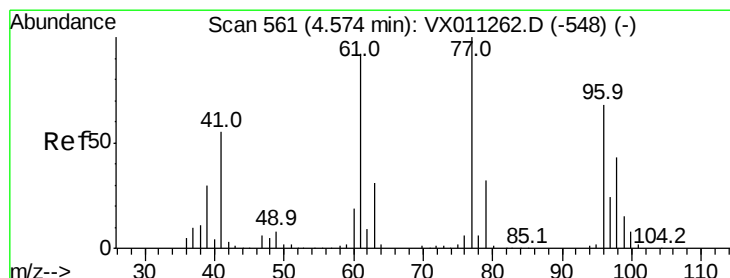
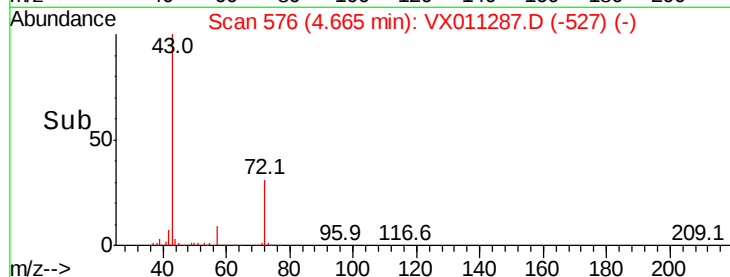
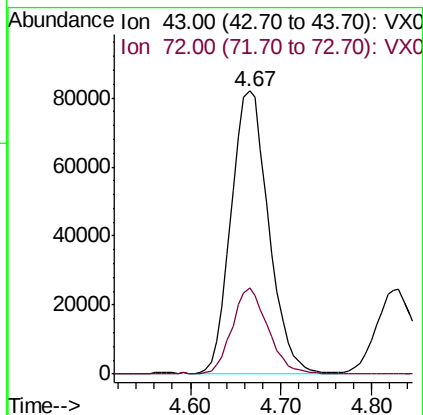
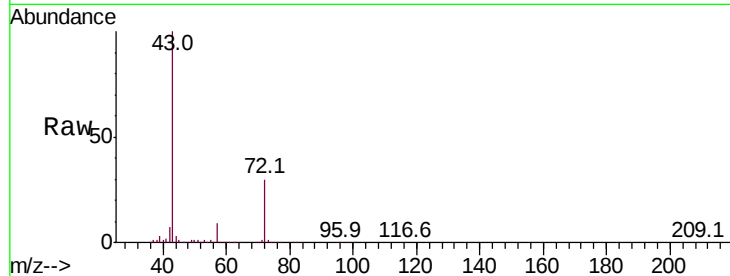
72 30.4 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 32.773 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011287.D

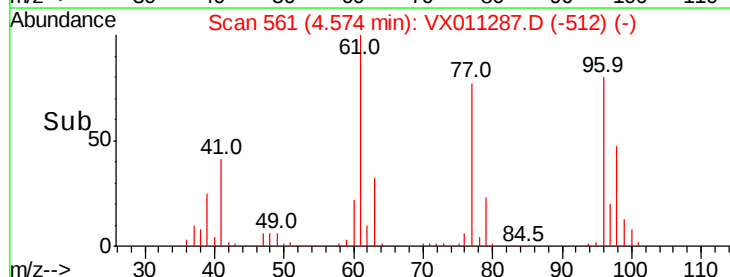
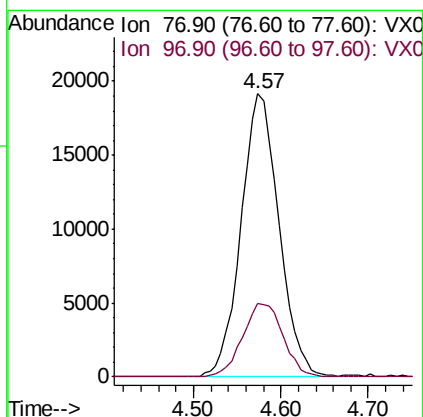
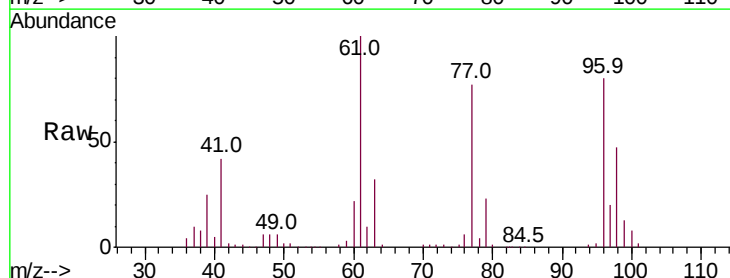
Acq: 02 Aug 2019 02:44

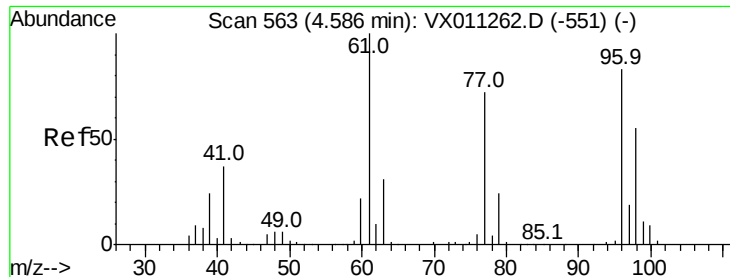
Tgt Ion: 77 Resp: 57769

Ion Ratio Lower Upper

77 100

97 27.7 12.8 38.4





#27

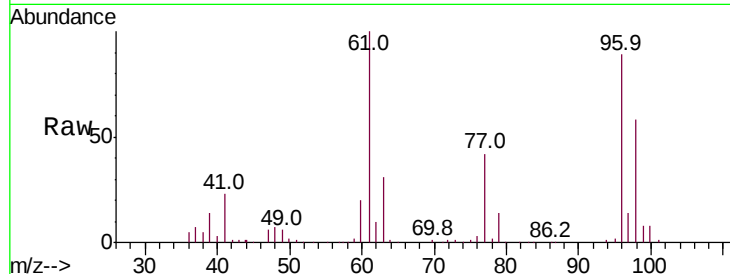
cis-1,2-Dichloroethene
Concen: 48.253 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

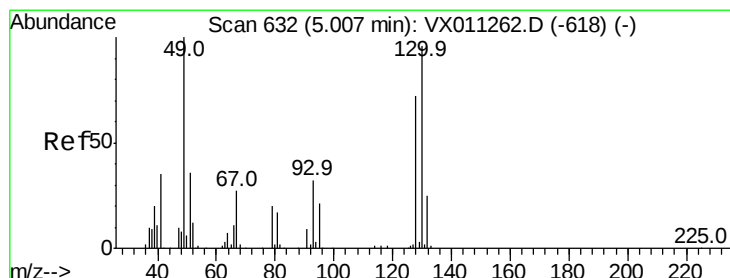
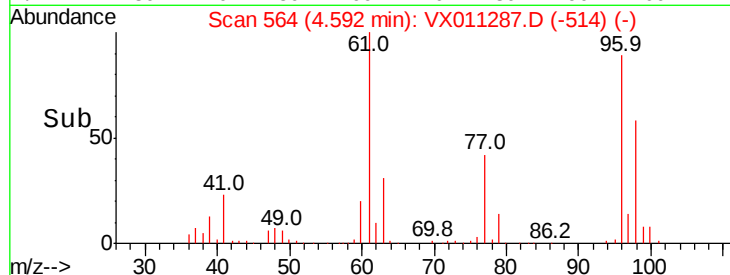
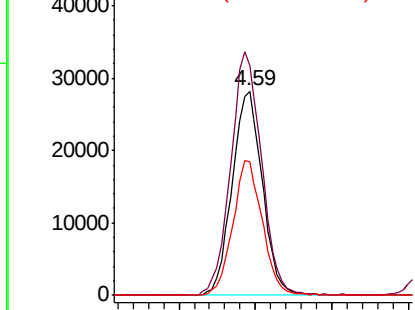
Tot Ion	Ratio	Resp	Lower	Upper
96	100	77163		
61	121.0	0.0	260.2	
98	64.6	0.0	133.2	

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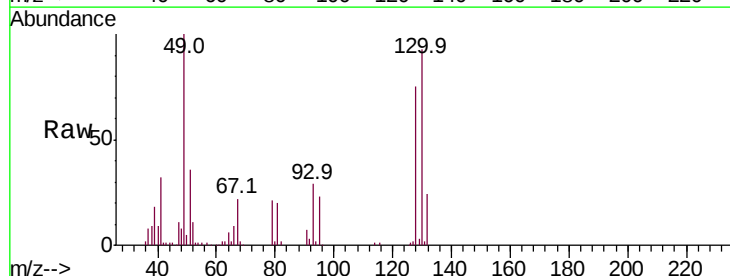
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



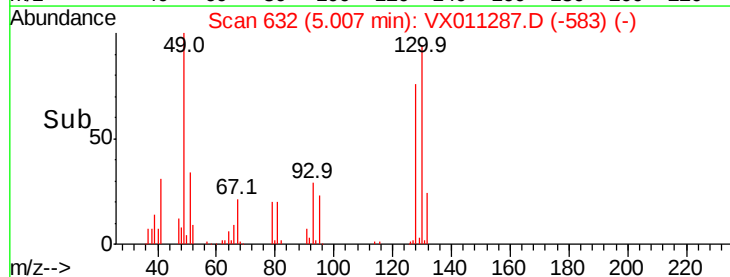
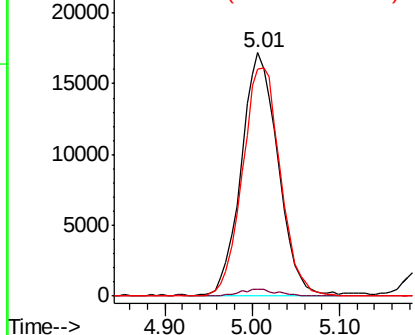
#28

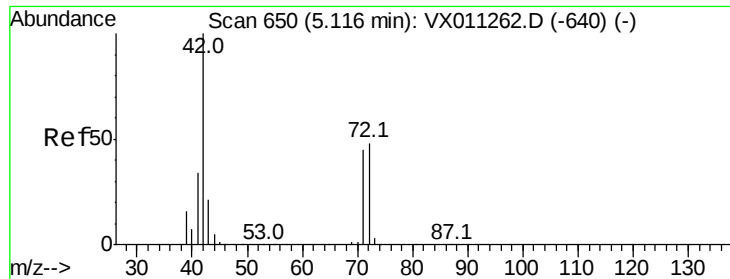
Bromochloromethane
Concen: 48.863 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	50512		
129	2.8	0.0	5.8	
130	96.5	77.9	116.9	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





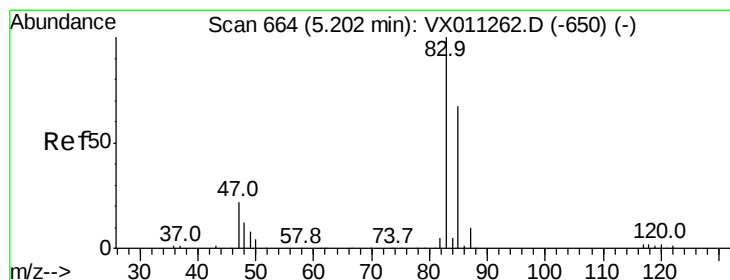
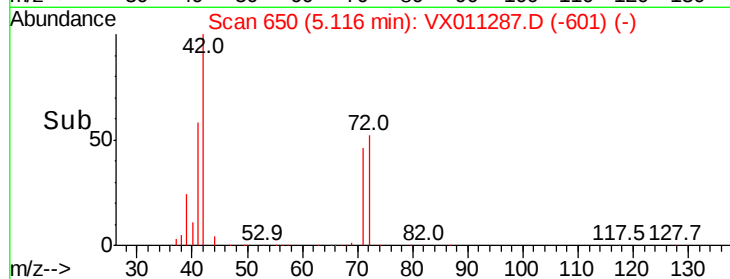
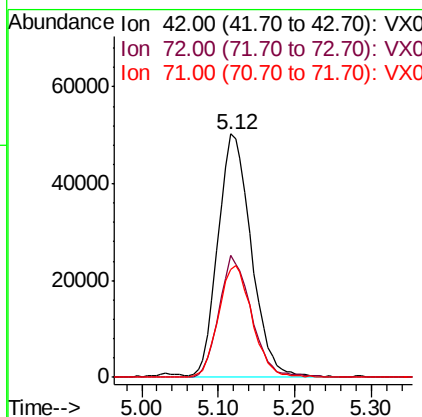
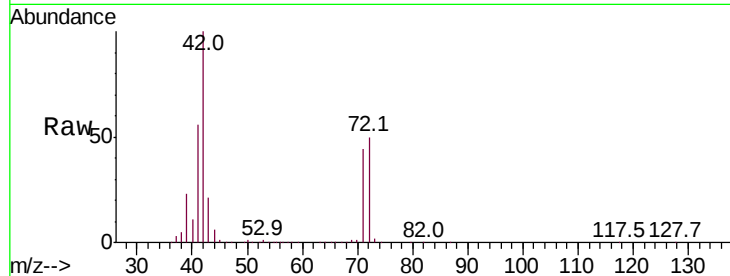
#29
Tetrahydrofuran
Concen: 249.079 ug/l
RT: 5.12 min Scan# 650
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.4	39.9	59.9
71	46.8	36.9	55.3

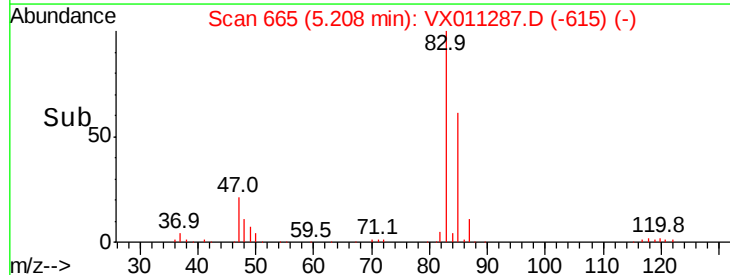
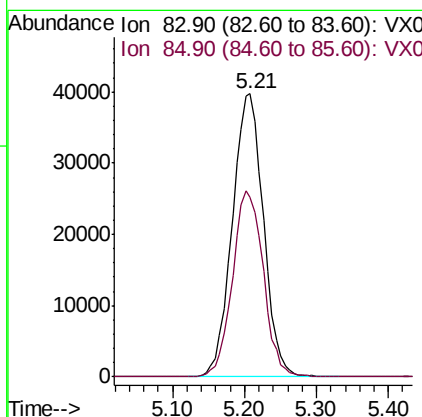
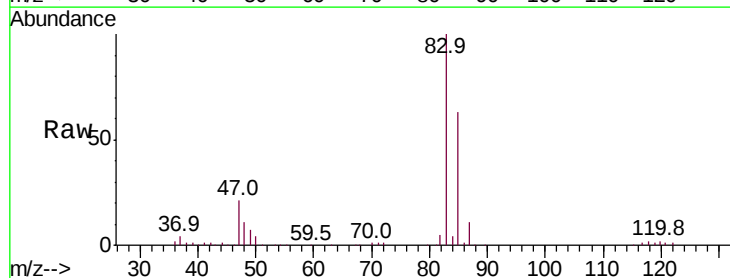
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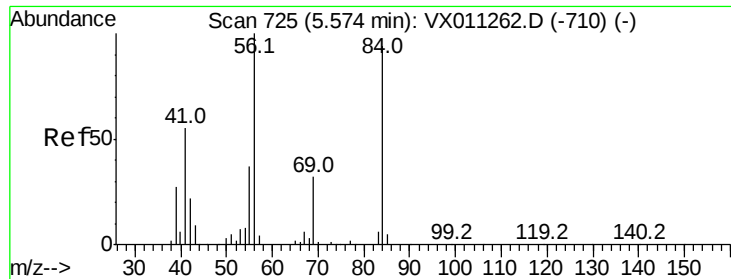
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#30
Chloroform
Concen: 48.347 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.01 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	53.4	80.0





#31

Cyclohexane

Concen: 47.681 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

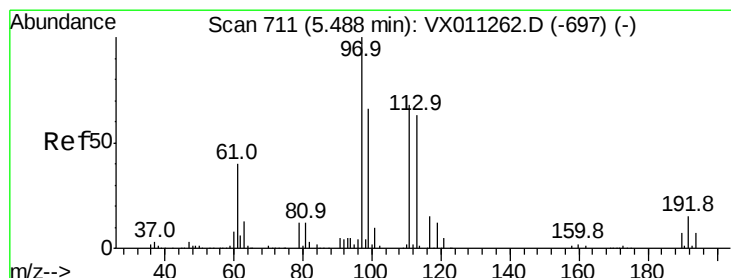
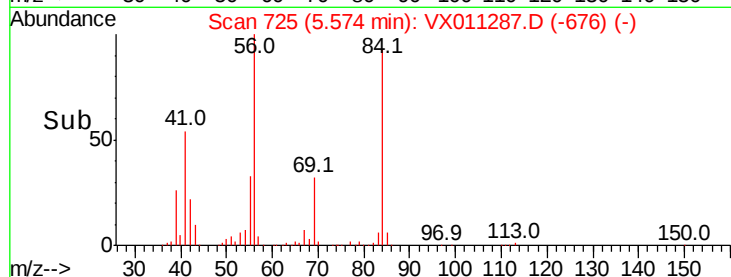
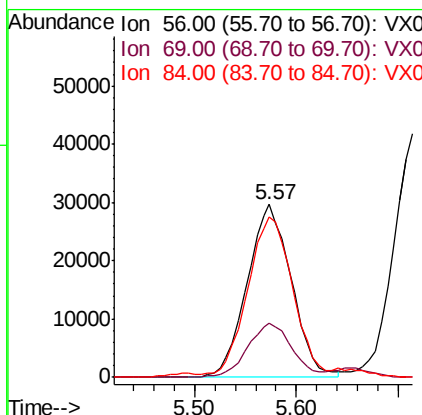
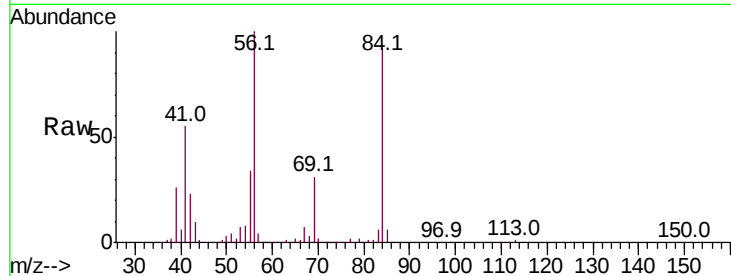
ClientSampleId :

SA-MW127I-20190730MS

Tot Ion:	56	Resp:	89200
Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.5	38.3
84	90.2	75.0	112.4

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#32

1,1,1-Trichloroethane

Concen: 48.717 ug/l

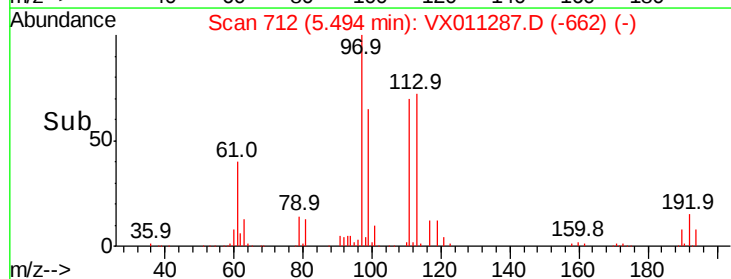
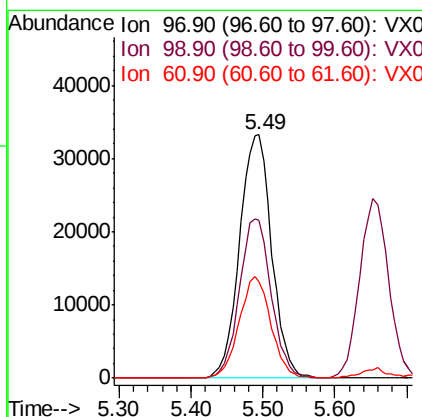
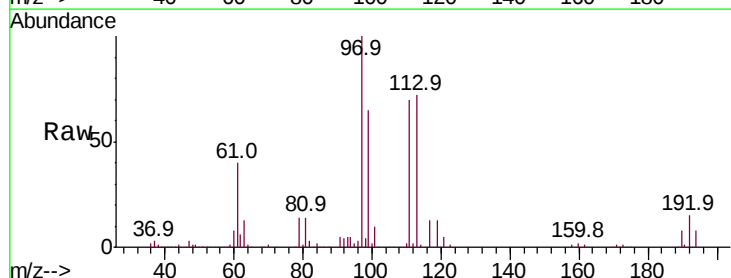
RT: 5.49 min Scan# 712

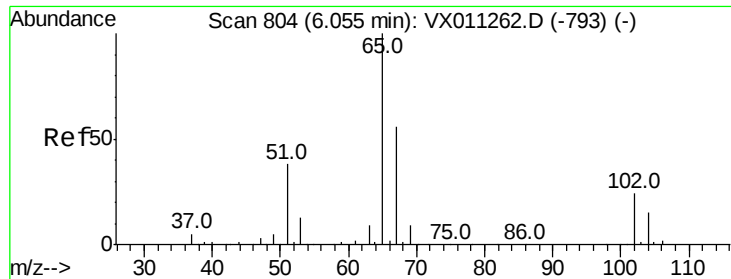
Delta R.T. 0.01 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Tgt Ion:	97	Resp:	102850
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.6	77.4
61	41.2	32.3	48.5





#33

1,2-Dichloroethane-d4

Concen: 48.625 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

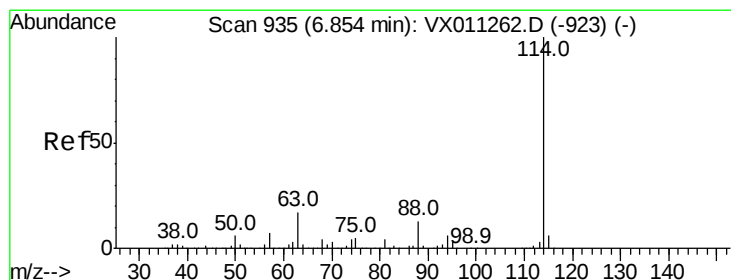
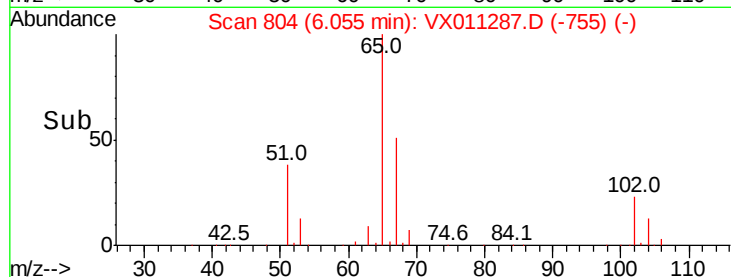
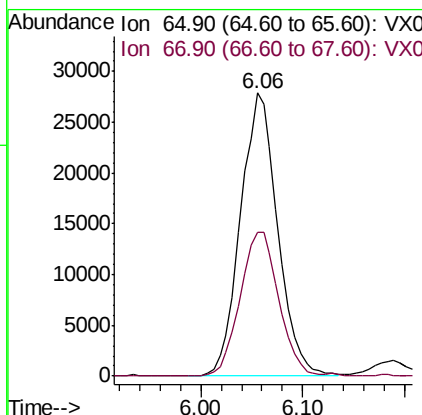
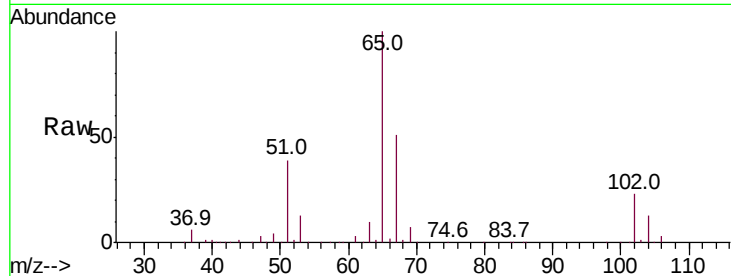
Instrument :
MSVOA_X

ClientSampleId :
SA-MW127I-20190730MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	110.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

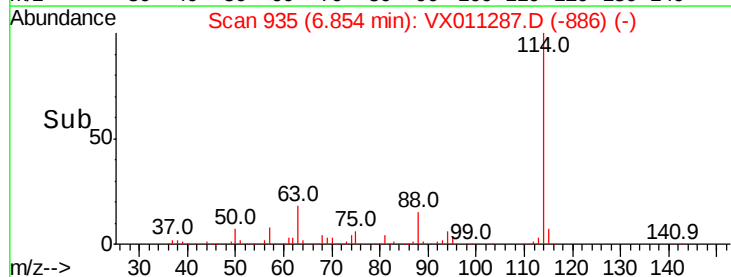
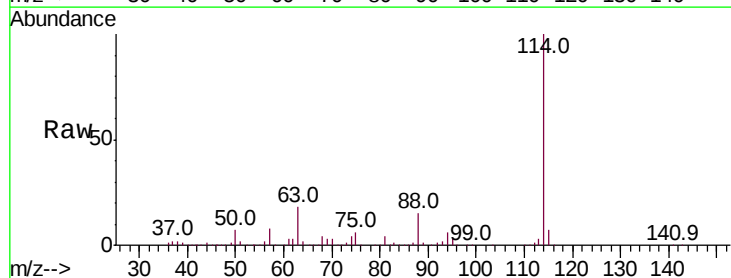
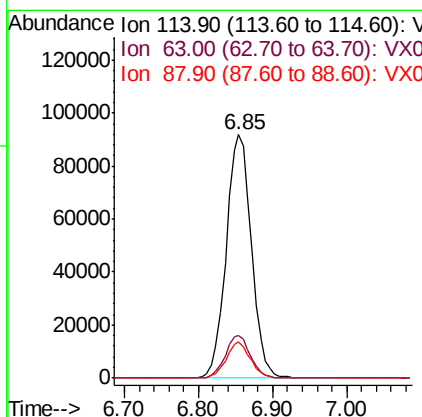
RT: 6.85 min Scan# 935

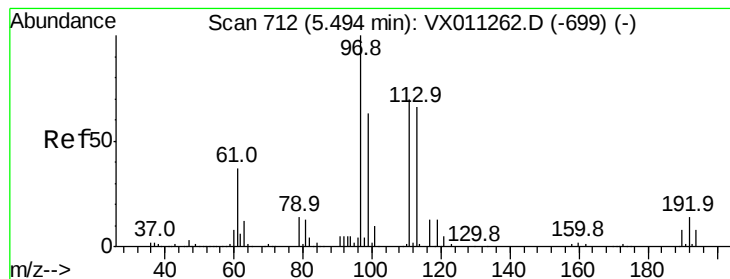
Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	34.0
88	14.7	0.0	26.4





#35

Dibromofluoromethane

Concen: 47.456 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

Tot Ion:113 Resp: 67230

Ion Ratio Lower Upper

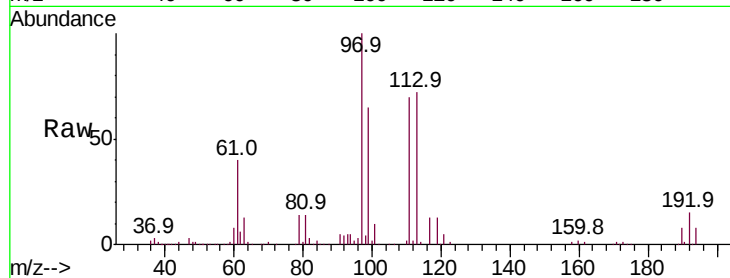
113 100

111 101.2 81.9 122.9

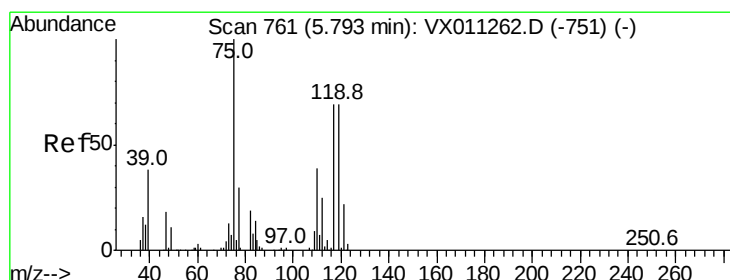
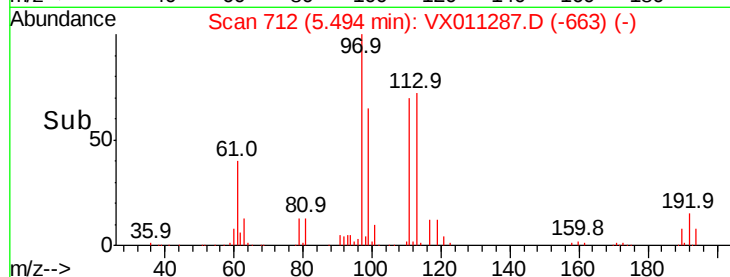
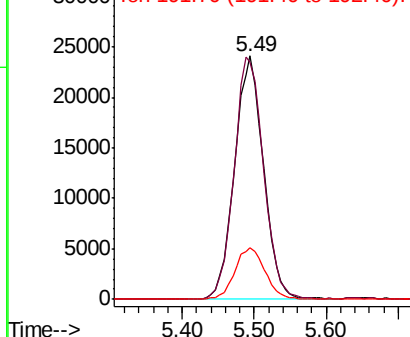
192 21.9 17.8 26.8

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 44.822 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

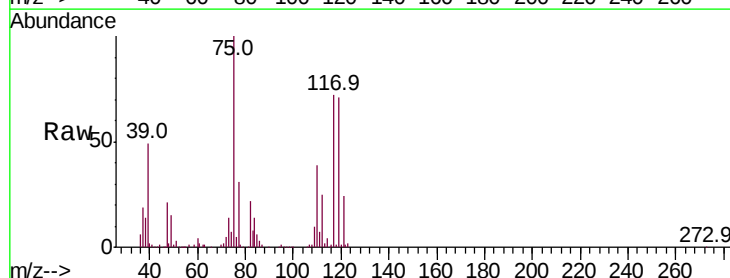
Tgt Ion: 75 Resp: 84915

Ion Ratio Lower Upper

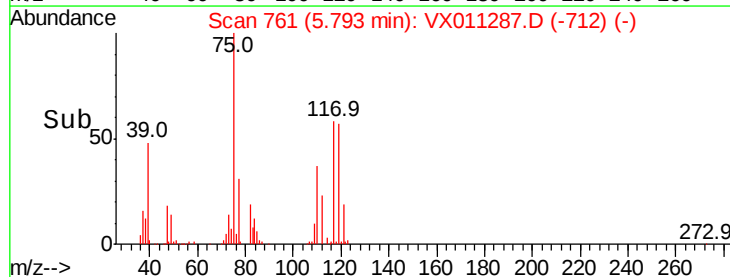
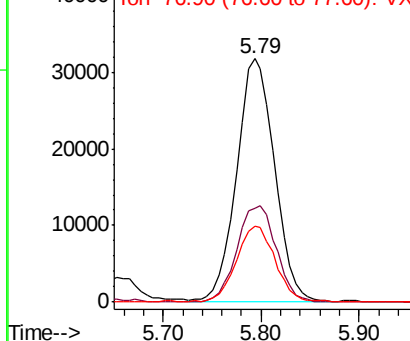
75 100

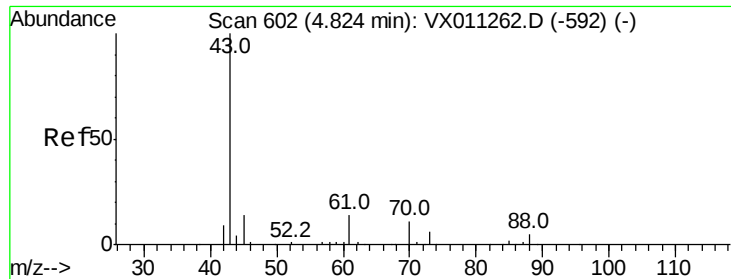
110 41.6 20.0 59.9

77 32.5 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





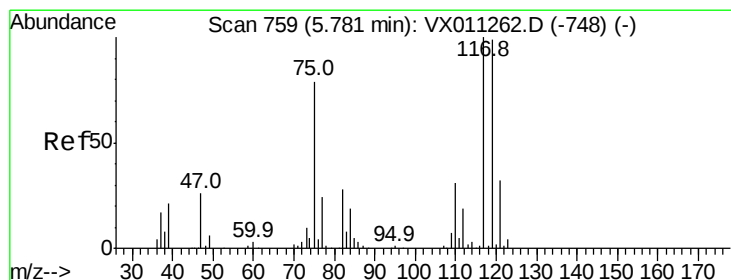
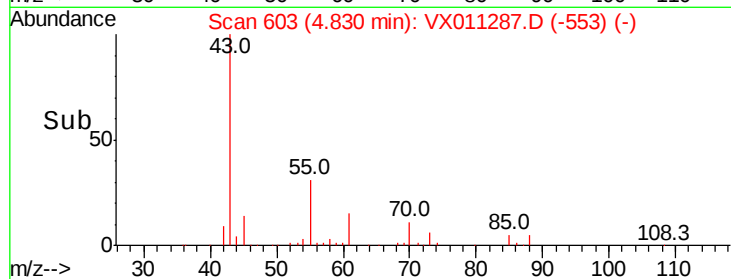
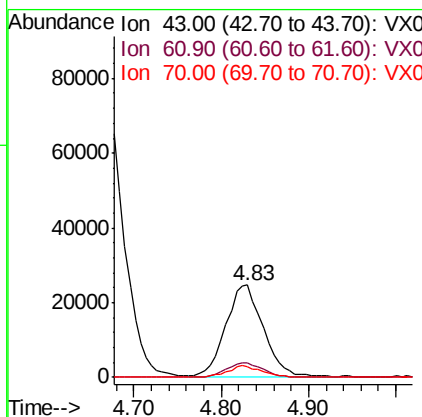
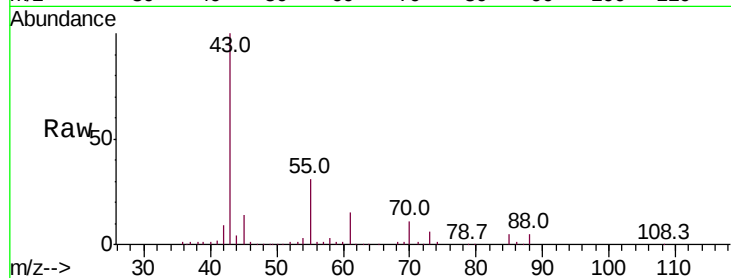
#37
Ethyl Acetate
Concen: 38.352 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.01 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.6	18.8
70	11.7	9.1	13.7

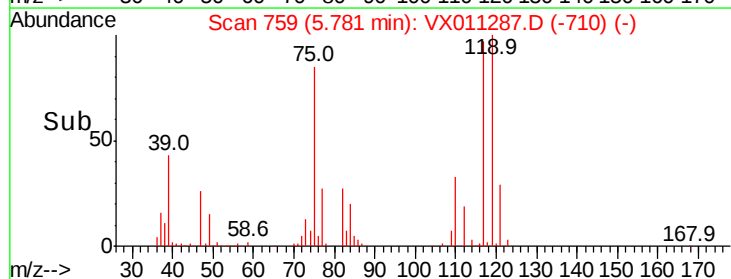
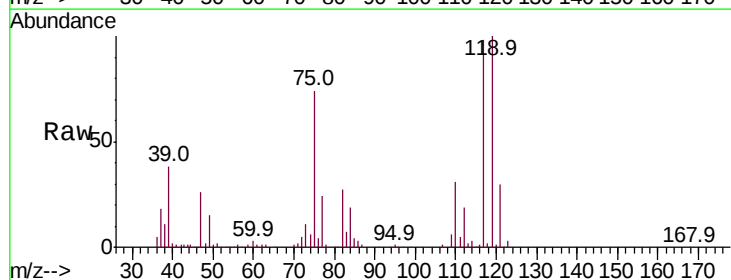
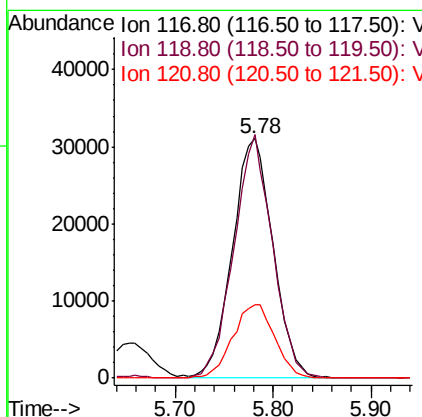
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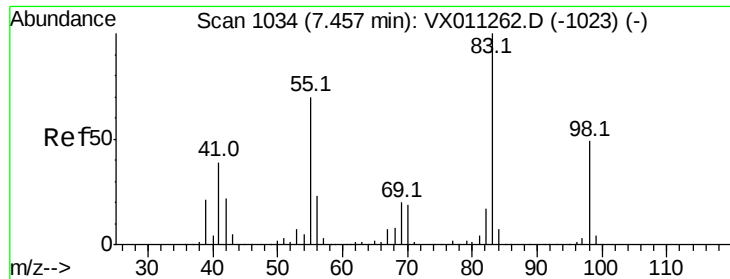
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#38
Carbon Tetrachloride
Concen: 46.977 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.5	79.0	118.4
121	30.6	25.9	38.9





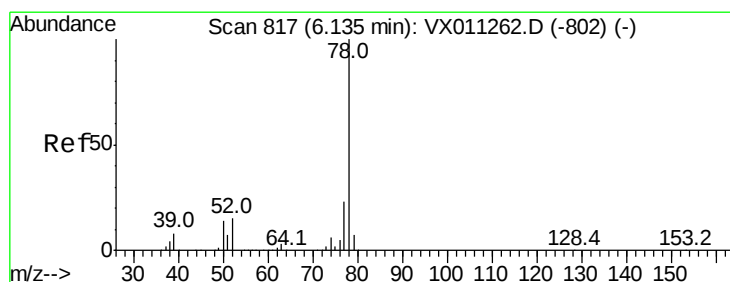
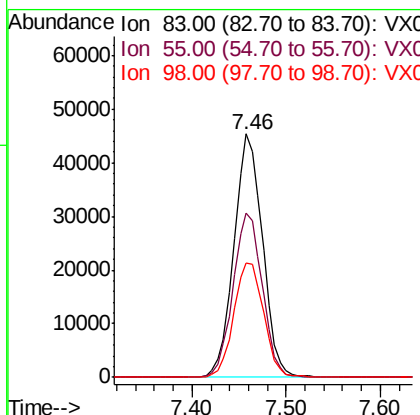
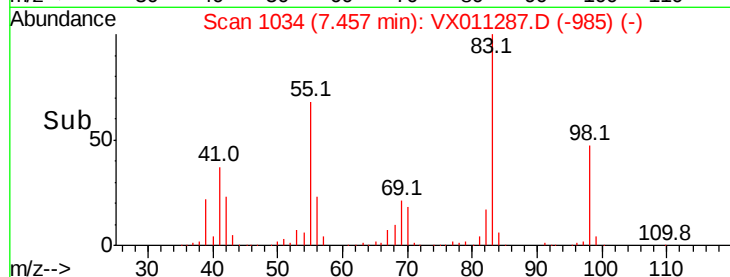
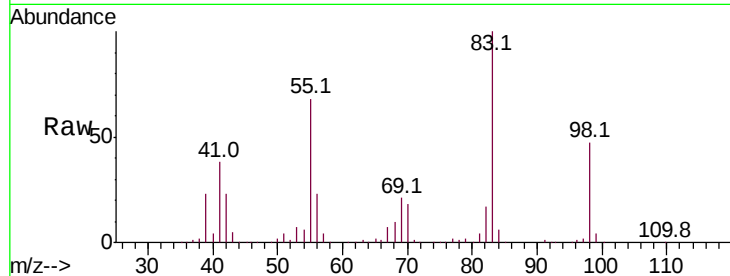
#39
Methvlcvclohexane
Concen: 42.665 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.6	56.1	84.1
98	47.2	39.0	58.4

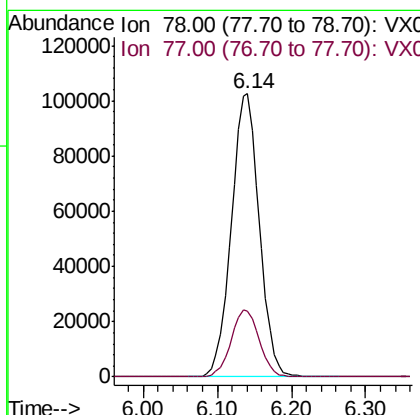
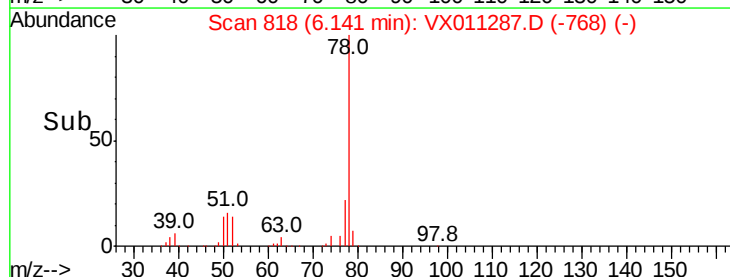
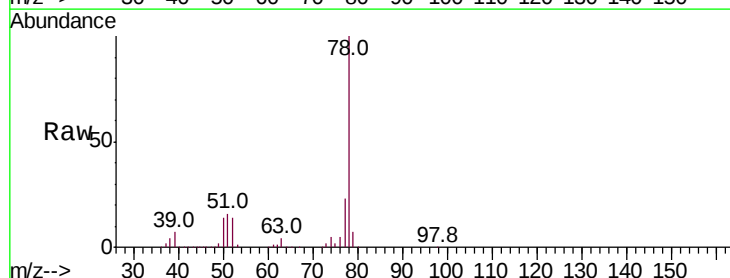
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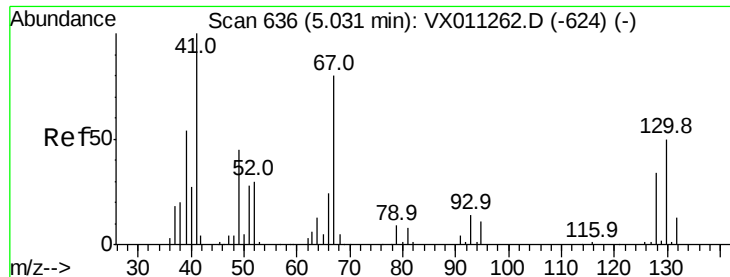
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#40
Benzene
Concen: 47.587 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.2	27.2





#41

Methacrylonitrile

Concen: 45.066 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

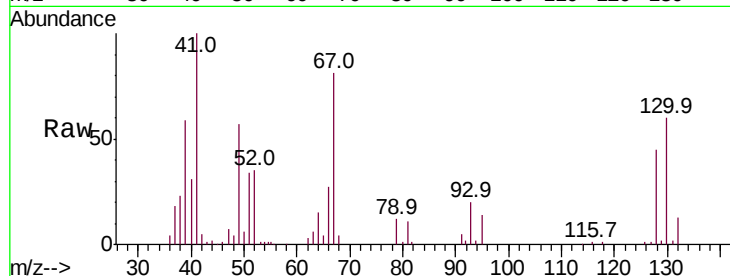
ClientSampleId :

SA-MW127I-20190730MS

Tot Ion:	41	Resp:	46771
Ion Ratio	Lower	Upper	
41	100		
39	58.2	43.0	64.6
67	84.5	65.1	97.7
52	33.3	24.8	37.2

Manual Integrations
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8/2/2019 9:04:48 AM



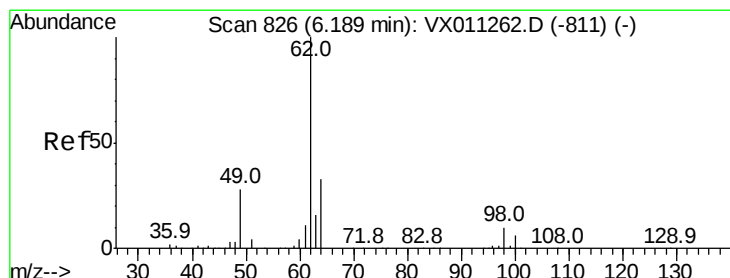
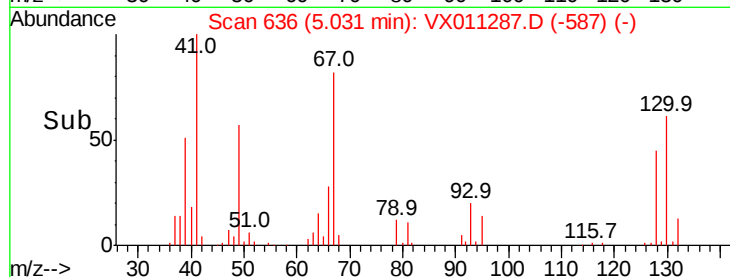
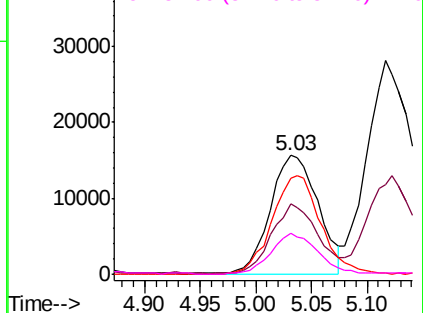
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.465 ug/l

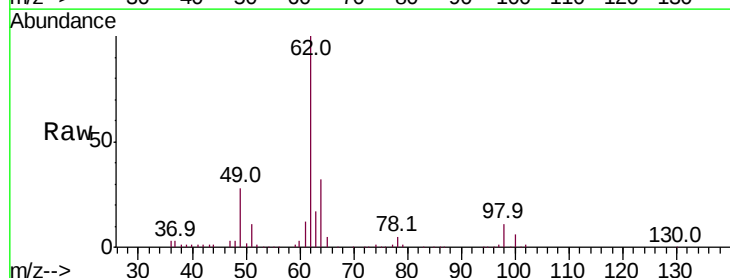
RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

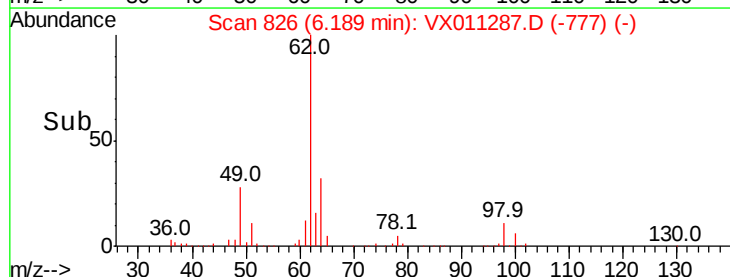
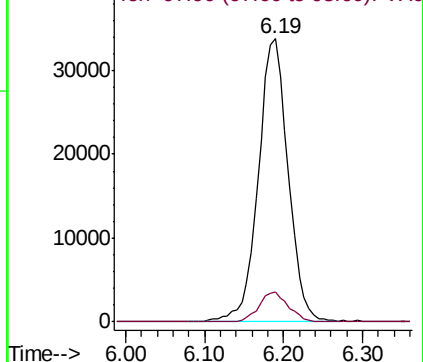
Tgt Ion:	62	Resp:	88827
Ion Ratio	Lower	Upper	
62	100		
98	10.5	0.0	20.6

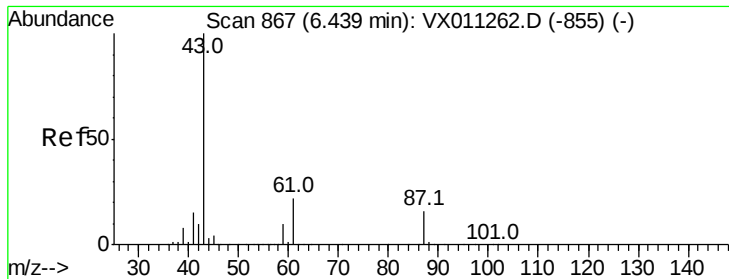


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

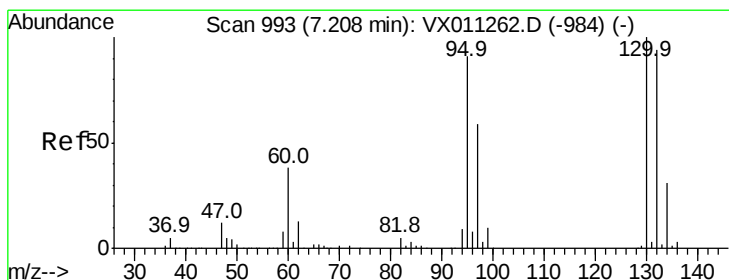
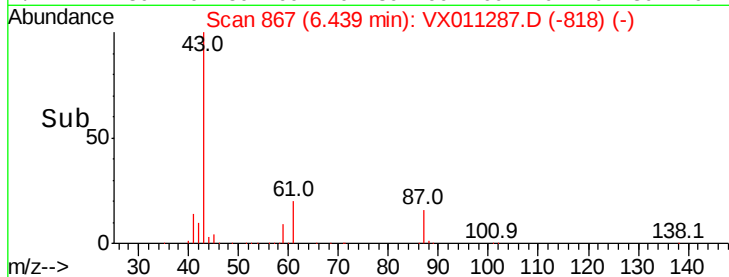
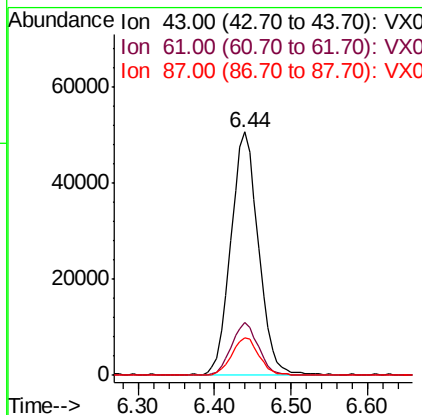
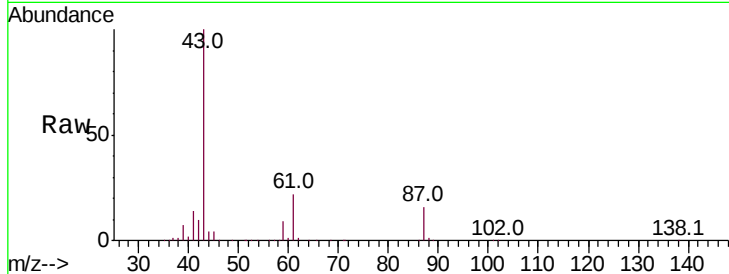
Isopropyl Acetate
 Concen: 41.380 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.5	24.7
87	15.7	12.1	18.1

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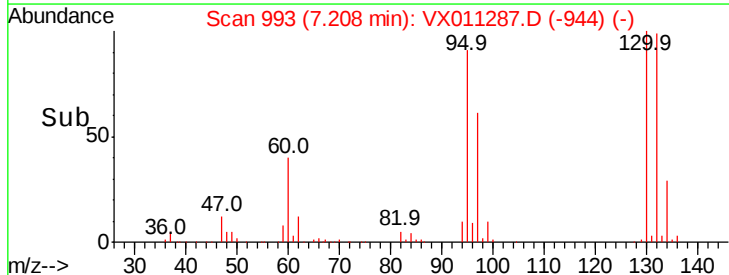
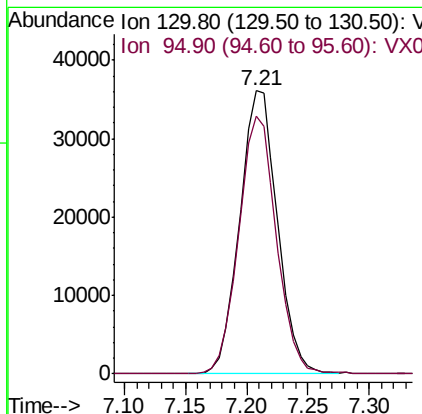
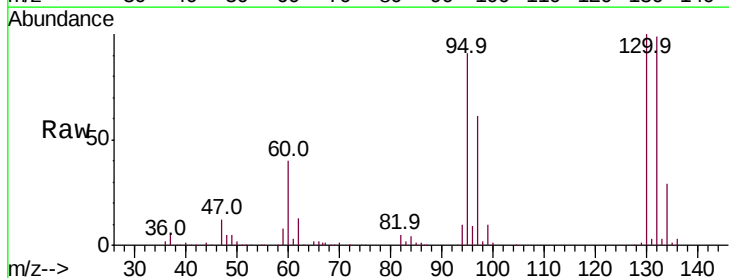
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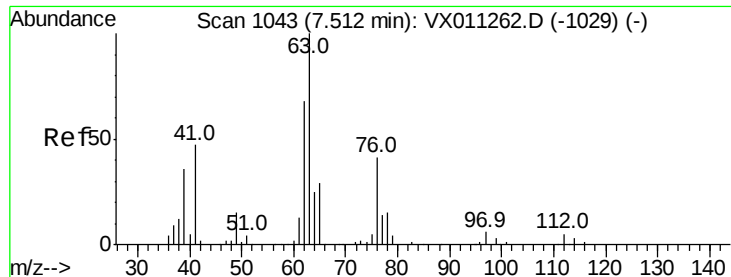


#44

Trichloroethene
 Concen: 45.134 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	182.6





#45

1,2-Dichloropropane

Concen: 45.778 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

Tot Ion: 63 Resp: 67025

Ion Ratio Lower Upper

63 100

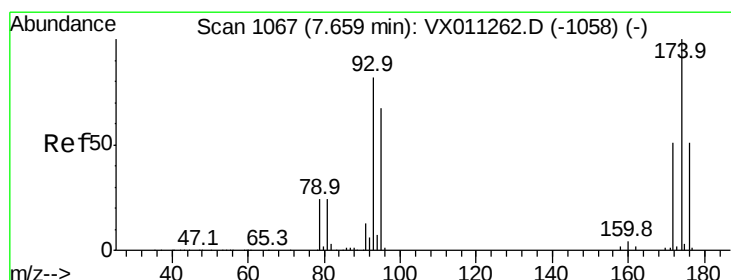
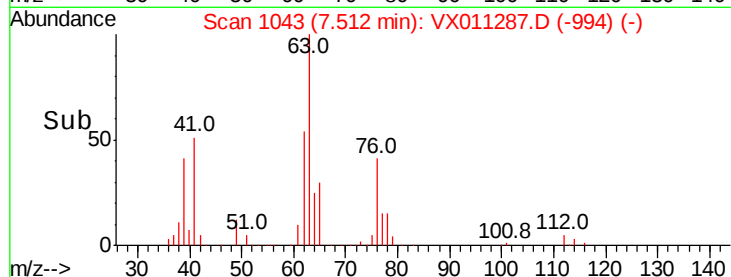
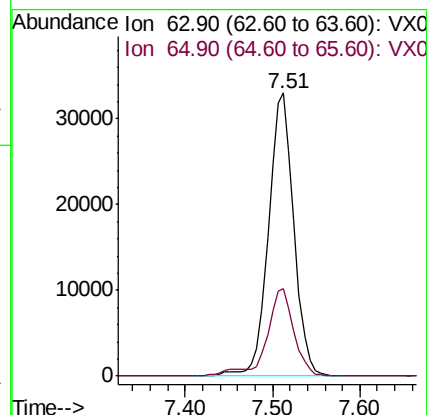
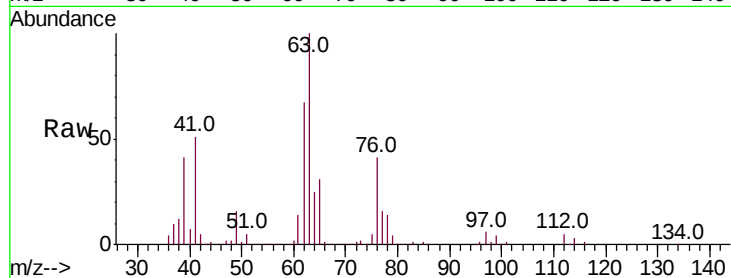
65 31.0 23.3 34.9

Manual Integrations

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#46

Dibromomethane

Concen: 47.148 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

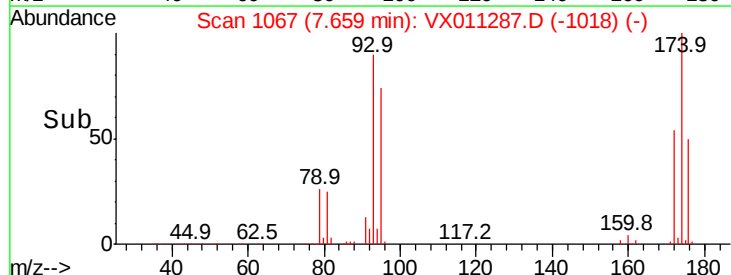
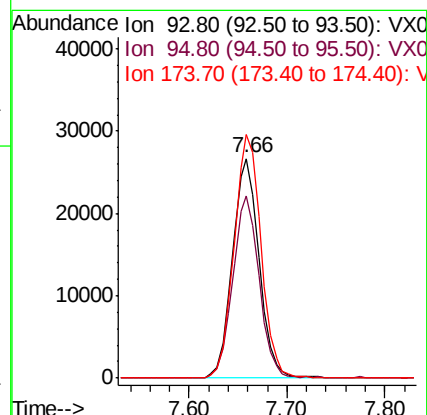
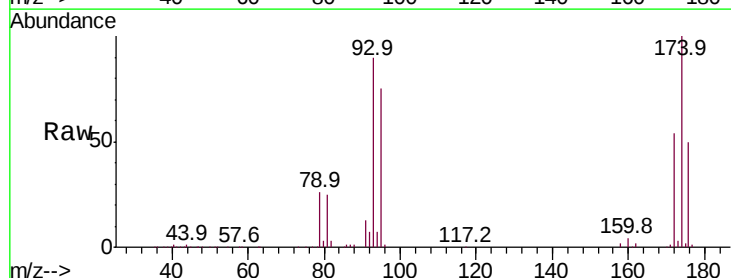
Tgt Ion: 93 Resp: 50393

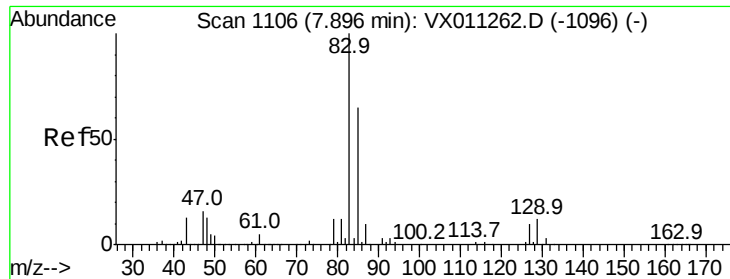
Ion Ratio Lower Upper

93 100

95 82.0 66.4 99.6

174 112.1 93.4 140.2





#47

Bromodichloromethane

Concen: 48.149 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

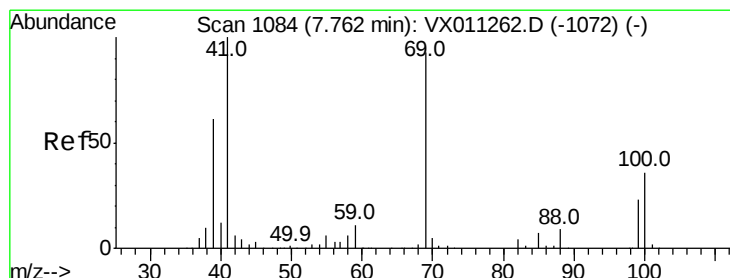
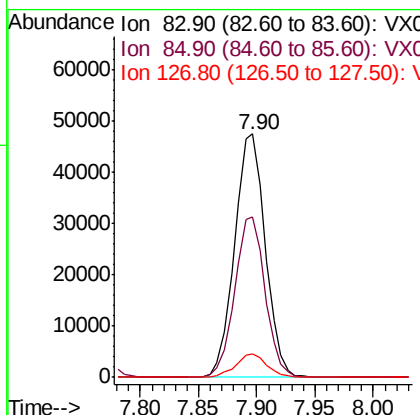
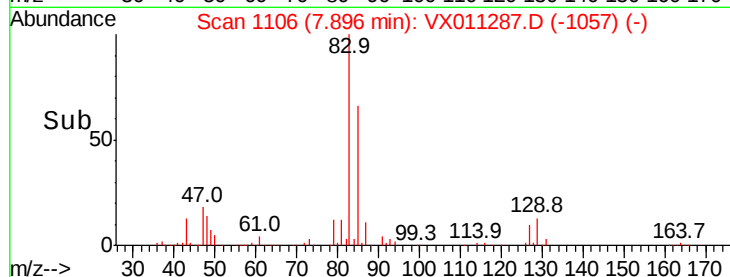
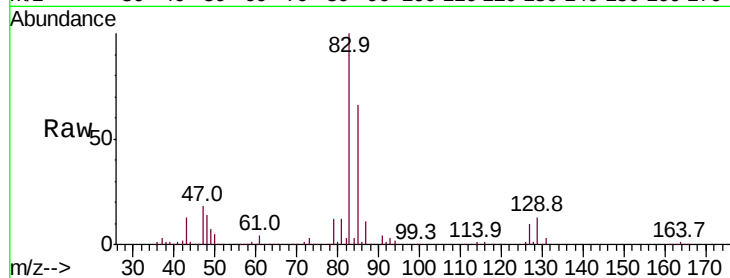
ClientSampleId :

SA-MW127I-20190730MS

Tot Ion:	83	Resp:	87132
Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.2	78.2
127	9.9	7.8	11.8

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#48

Methyl methacrylate

Concen: 48.539 ug/l

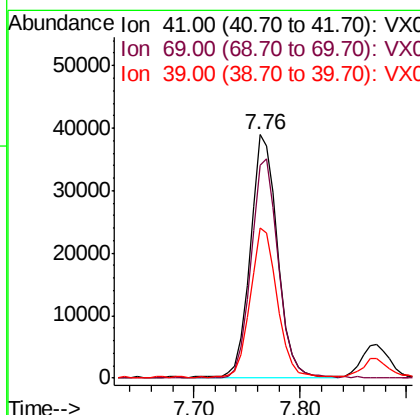
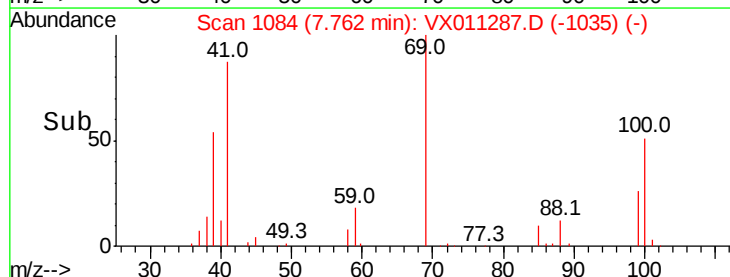
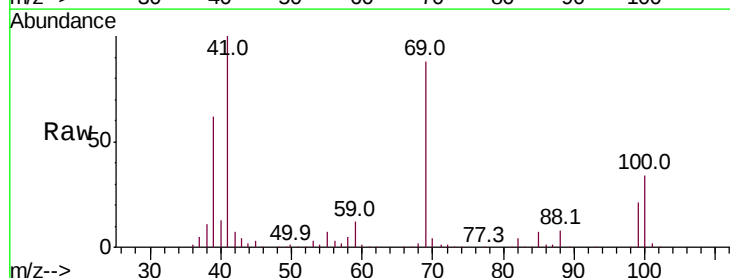
RT: 7.76 min Scan# 1084

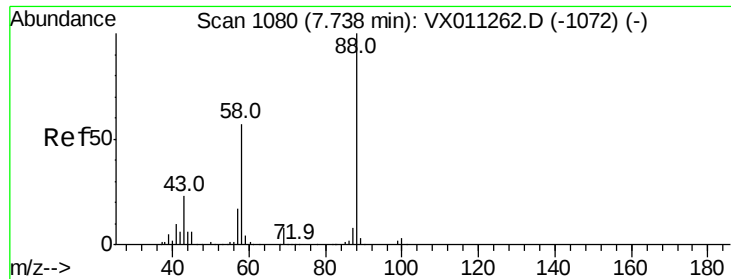
Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Tgt Ion:	41	Resp:	69402
Ion	Ratio	Lower	Upper
41	100		
69	91.0	74.5	111.7
39	60.9	48.6	72.8





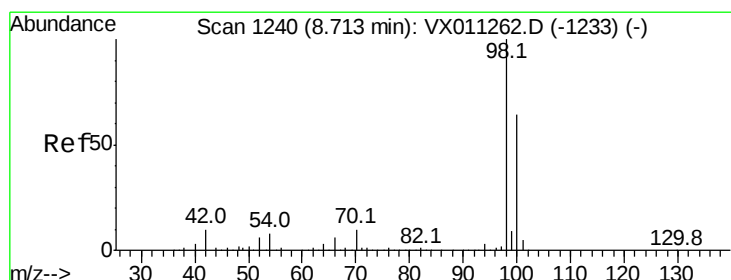
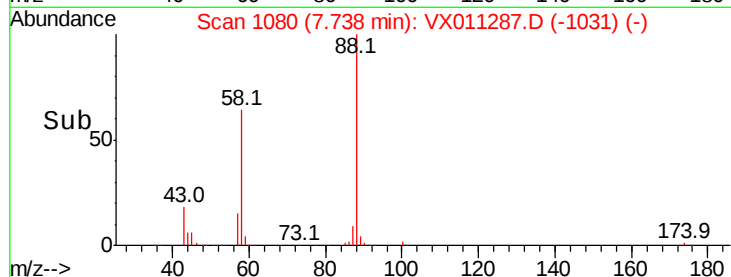
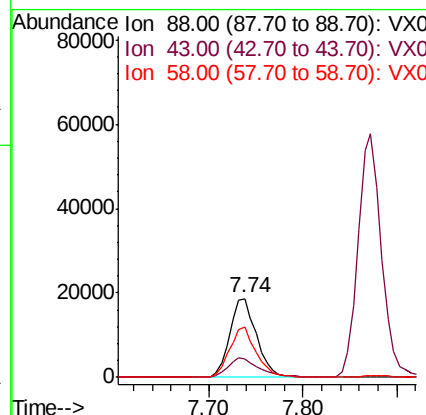
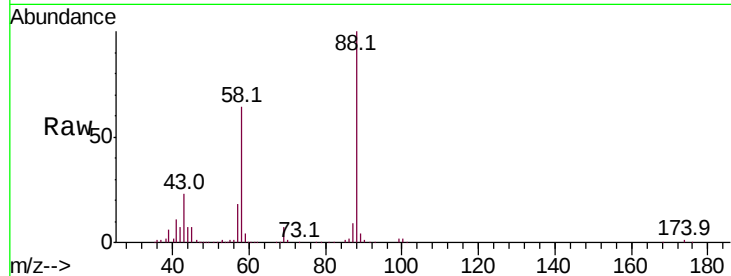
#49
1,4-Dioxane
Concen: 889.443 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.6	22.2	33.2
58	62.9	47.8	71.8

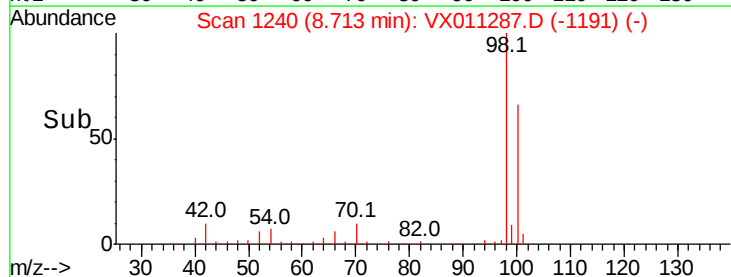
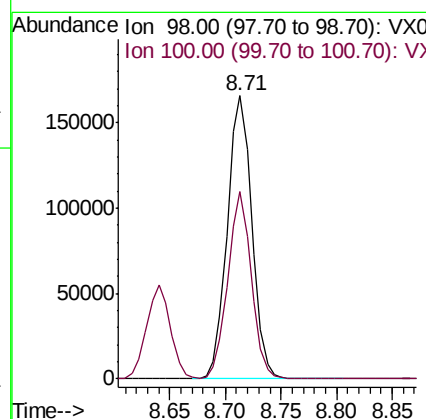
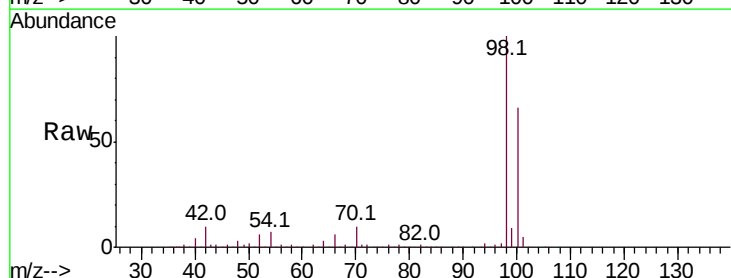
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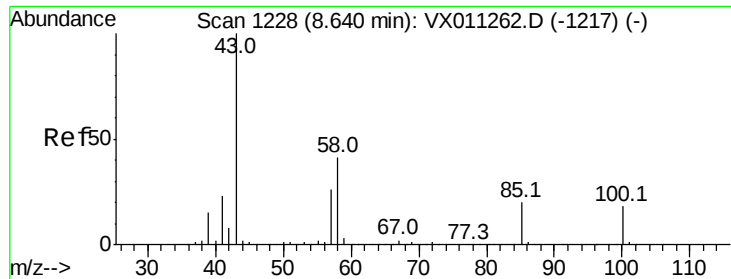
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#50
Toluene-d8
Concen: 47.325 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 247.783 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

Tot Ion: 43 Resp: 485840

Ion Ratio Lower Upper

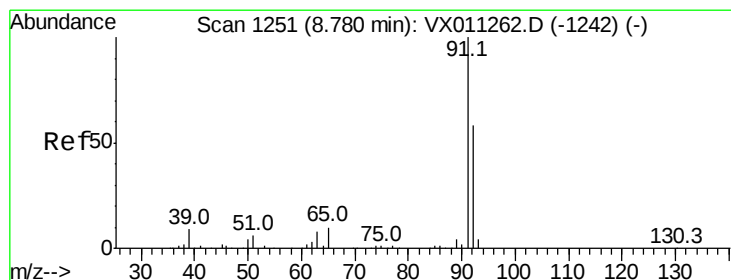
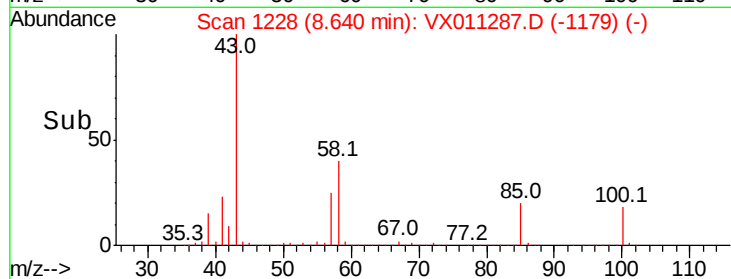
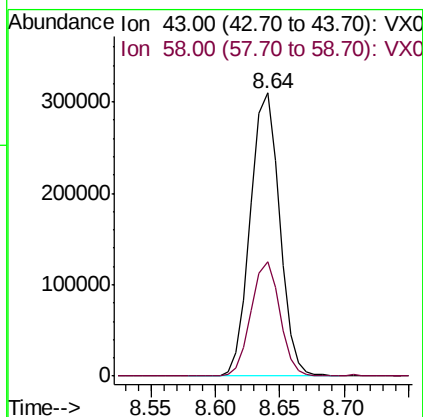
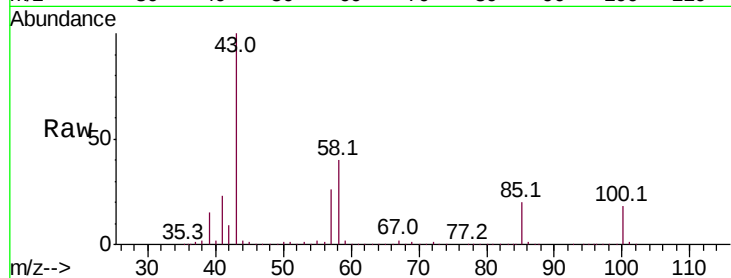
43 100

58 39.7 32.3 48.5

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#52

Toluene

Concen: 46.959 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011287.D

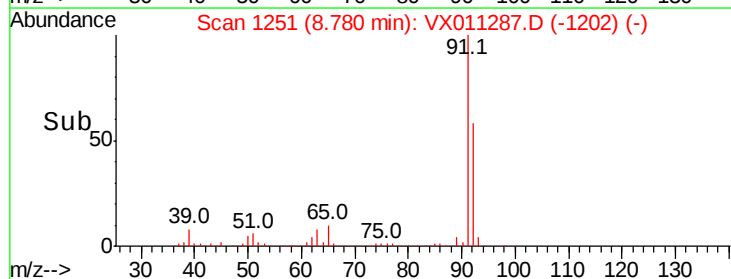
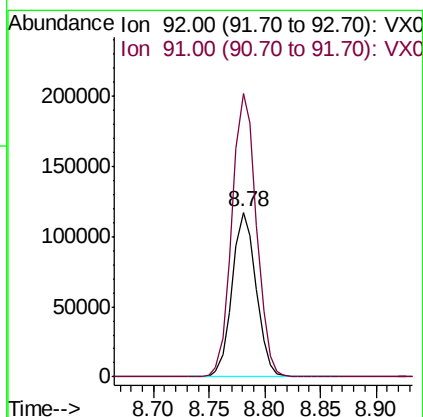
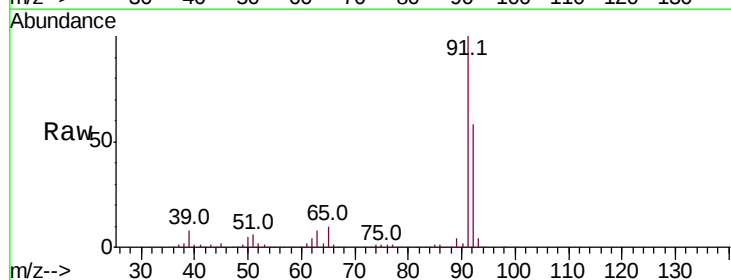
Acq: 02 Aug 2019 02:44

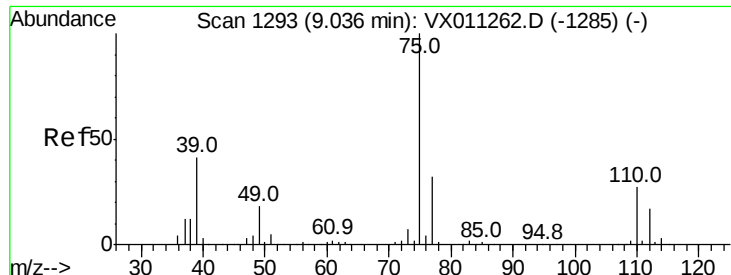
Tgt Ion: 92 Resp: 175524

Ion Ratio Lower Upper

92 100

91 175.9 139.4 209.0





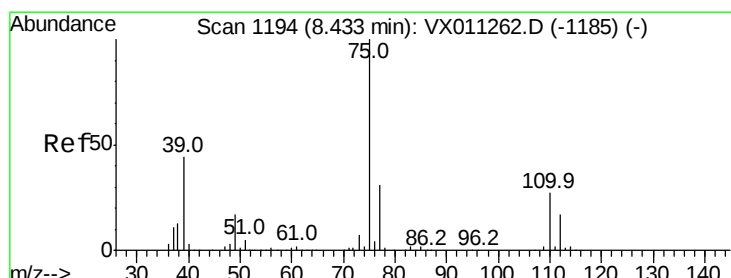
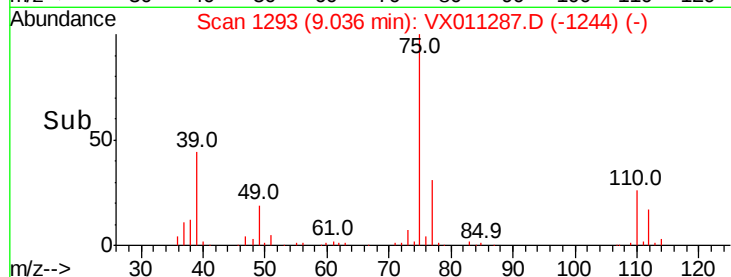
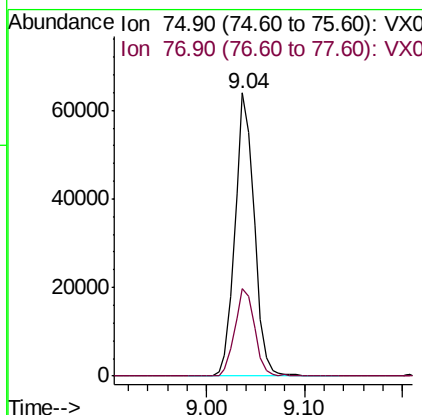
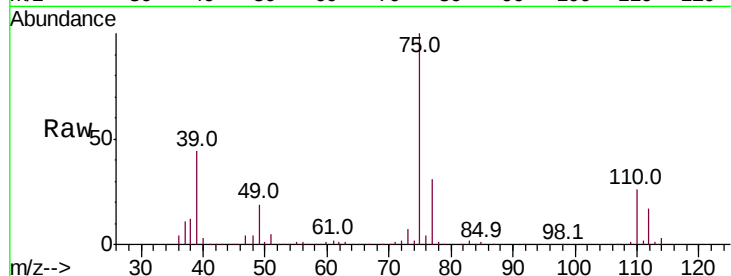
#53
t-1,3-Dichloropropene
Concen: 41.911 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

Tot Ion: 75 Resp: 87300
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0

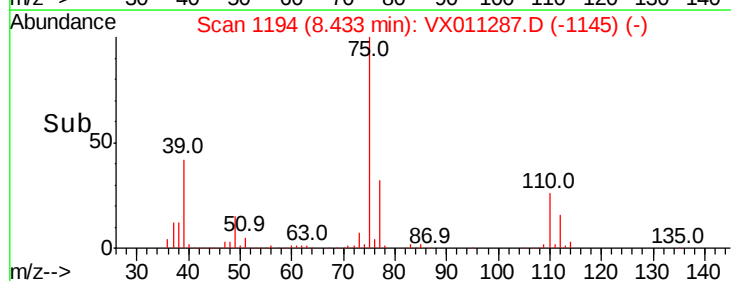
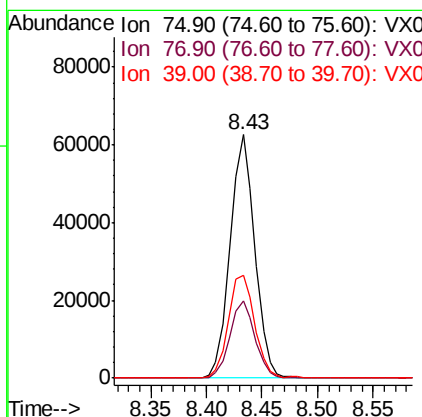
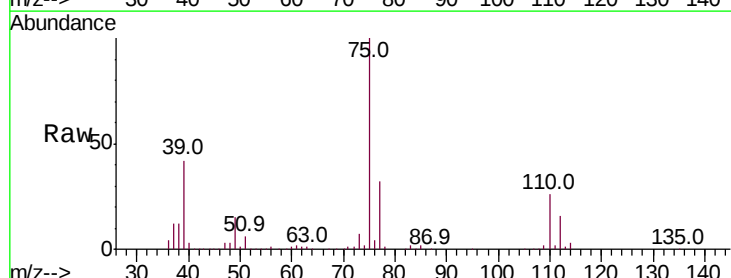
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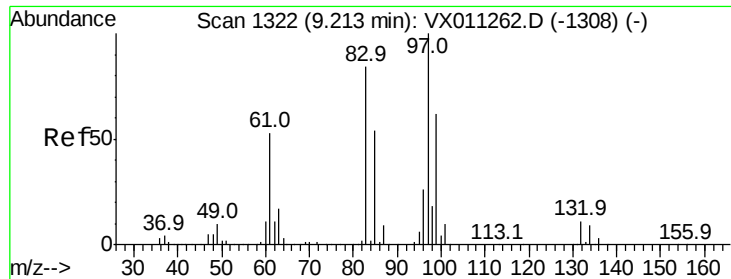
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#54
cis-1,3-Dichloropropene
Concen: 45.566 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion: 75 Resp: 96321
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6
39 42.2 35.3 52.9





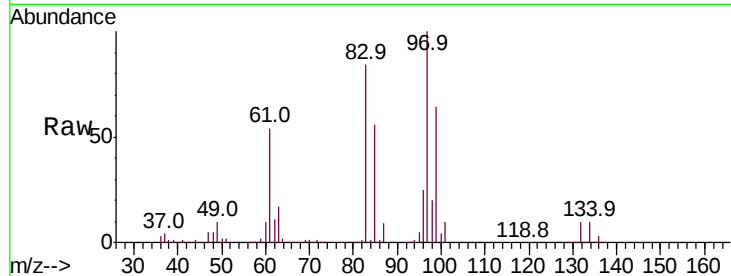
#55
1,1,2-Trichloroethane
Concen: 47.593 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

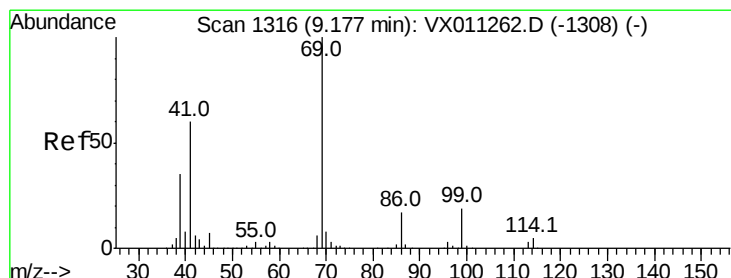
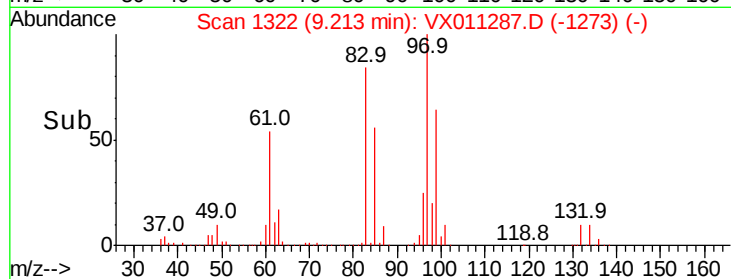
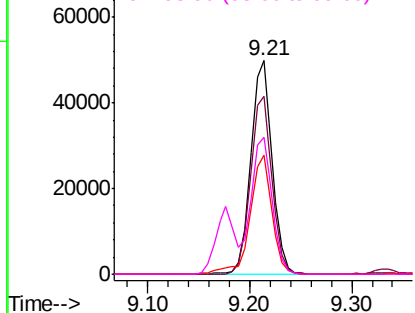
Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		73143		
83	83.6	67.6	101.4		
85	55.7	43.4	65.0		
99	64.3	49.6	74.4		

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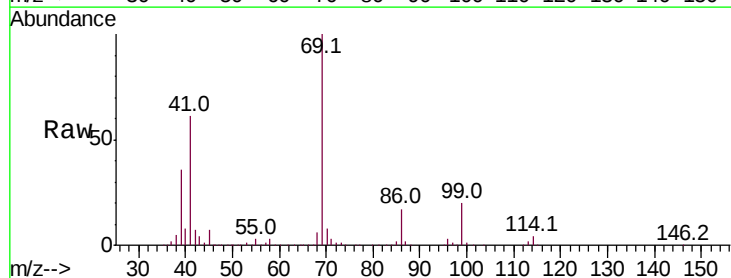


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

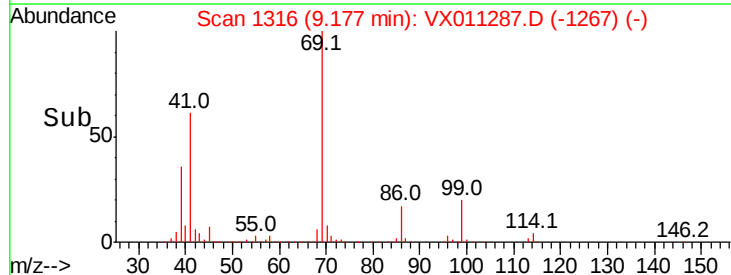
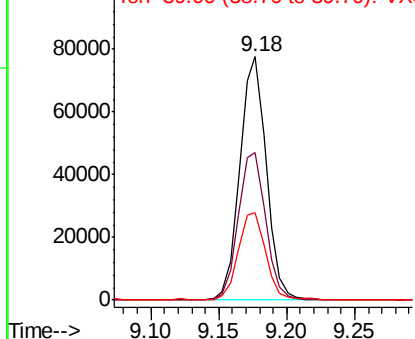


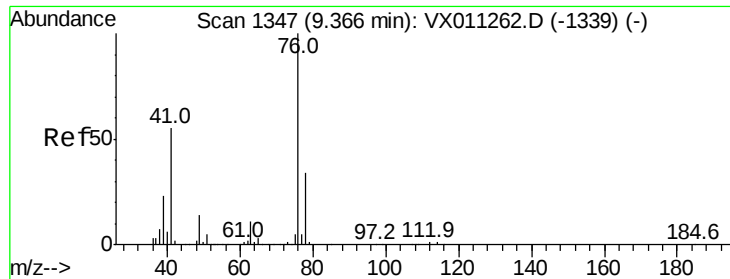
#56
Ethyl methacrylate
Concen: 48.068 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		105272		
41	62.3	48.6	73.0		
39	37.0	29.4	44.2		



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





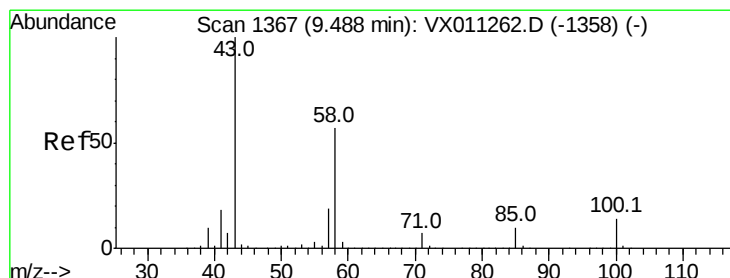
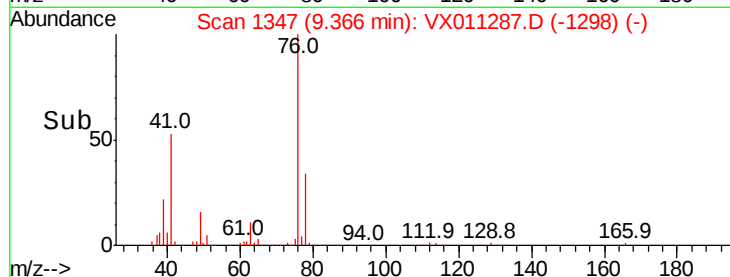
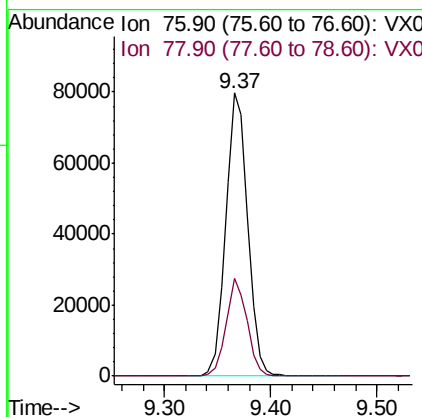
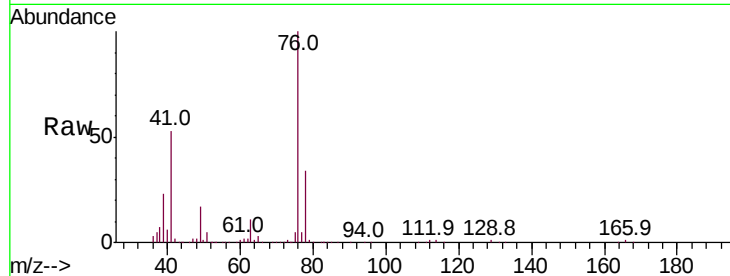
#57
 1,3-Dichloropropane
 Concen: 47.276 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

Tot Ion: 76 Resp: 114903
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.6 40.0

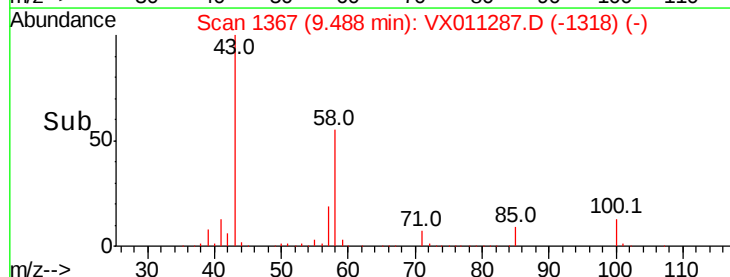
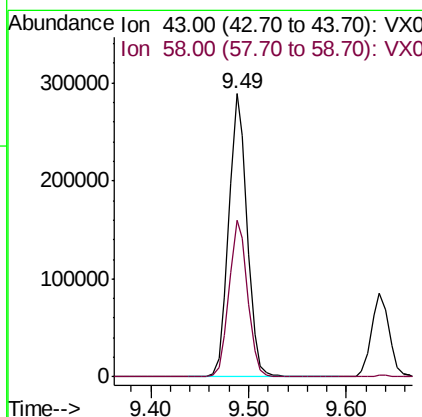
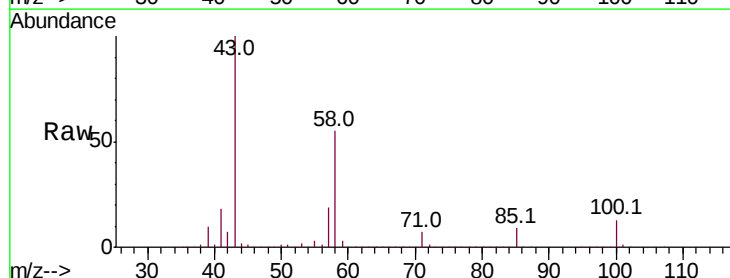
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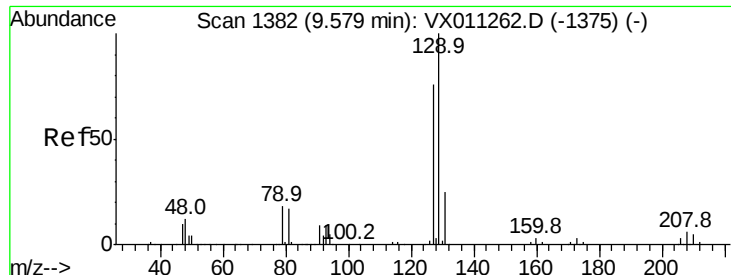
MMDadoda
 8/2/2019 9:04:48 AM



#59
 2-Hexanone
 Concen: 247.139 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Tgt Ion: 43 Resp: 375336
 Ion Ratio Lower Upper
 43 100
 58 56.1 28.2 84.6





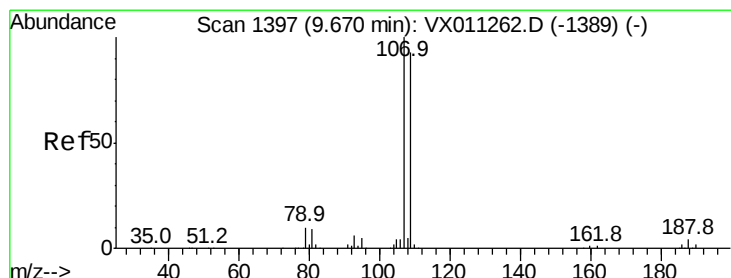
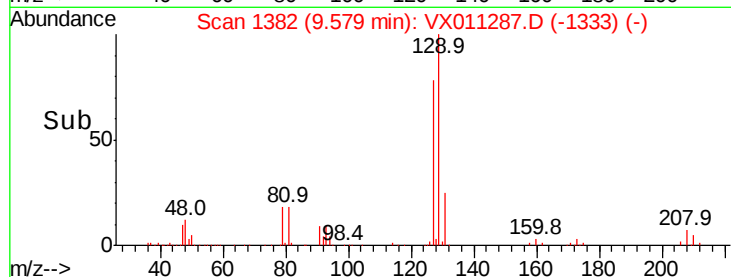
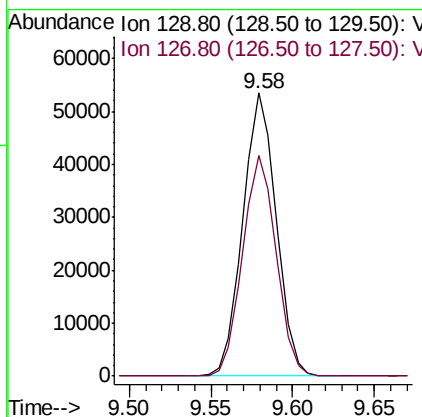
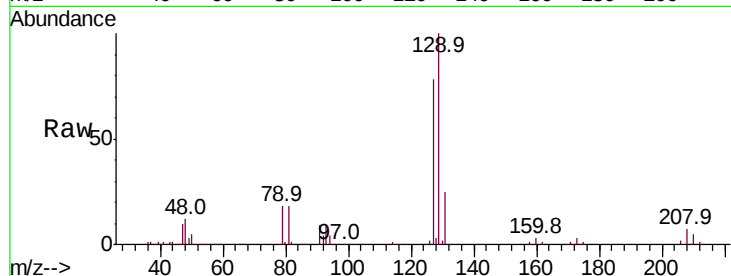
#60
 Dibromochloromethane
 Concen: 48.763 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

Tot Ion:129 Resp: 76725
 Ion Ratio Lower Upper
 129 100
 127 78.3 39.2 117.6

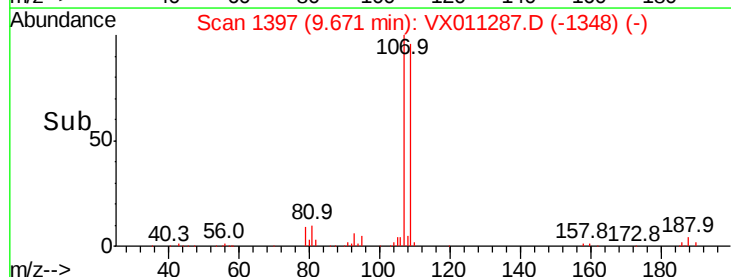
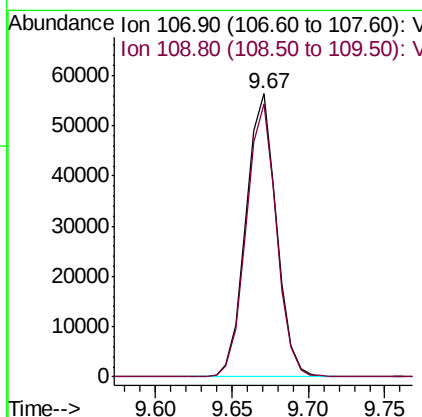
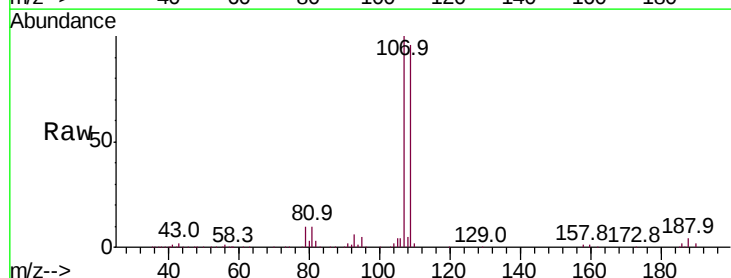
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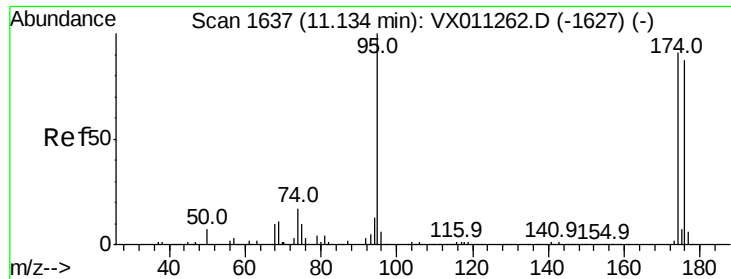
MMDadoda
 8/2/2019 9:04:48 AM



#61
 1,2-Dibromoethane
 Concen: 47.182 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Tgt Ion:107 Resp: 78341
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.6 114.8





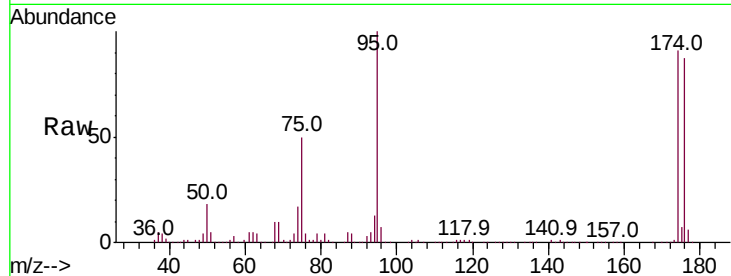
#62
4-Bromofluorobenzene
Concen: 48.040 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100			
174	94.3	0.0	191.2	
176	90.8	0.0	184.8	

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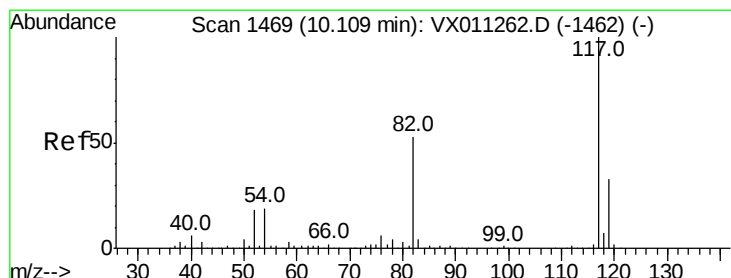
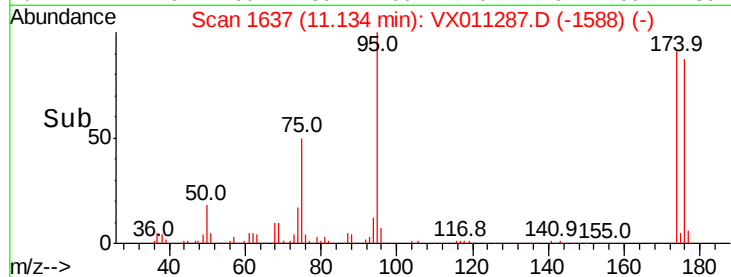
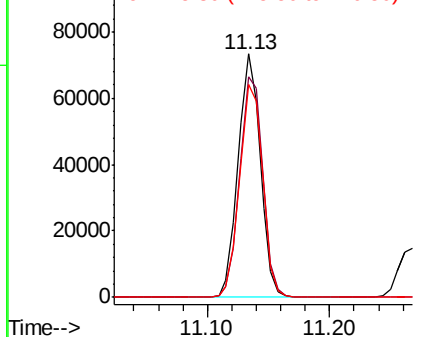


Abundance

Ion 94.90 (94.60 to 95.60): VX011262.D (-1627) (-)

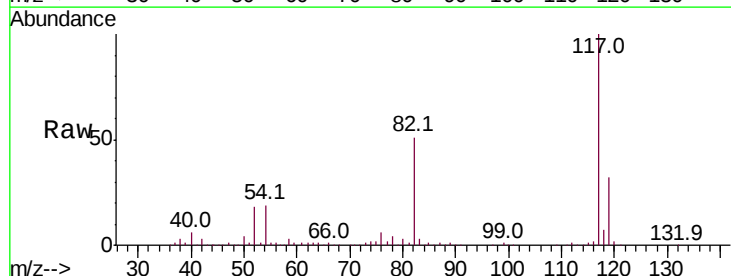
Ion 173.80 (173.50 to 174.50): VX011262.D (-1627) (-)

Ion 175.80 (175.50 to 176.50): VX011262.D (-1627) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
82	50.8	42.2	63.2	
119	31.6	26.6	39.8	

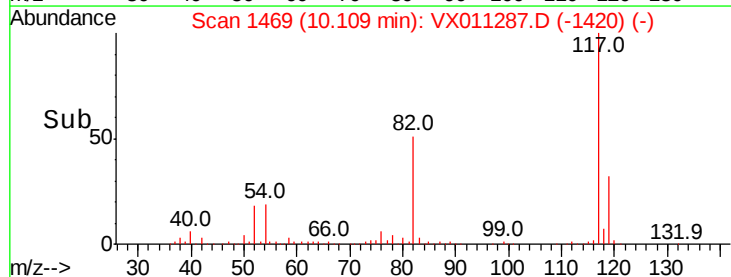
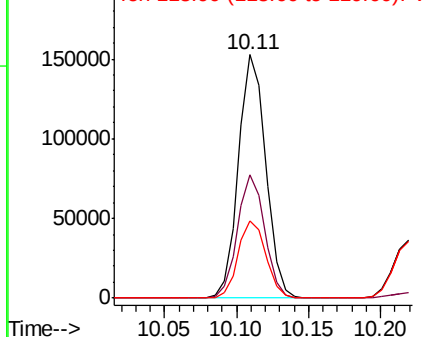


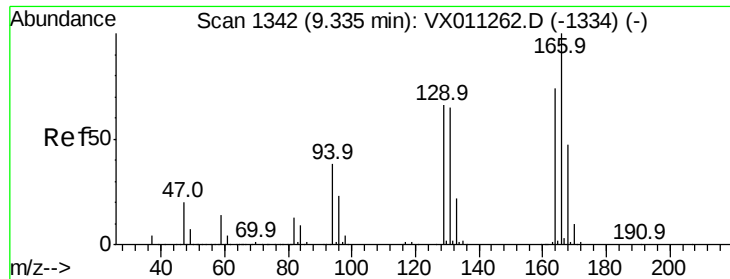
Abundance

Ion 116.90 (116.60 to 117.60): VX011262.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX011262.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX011262.D (-1462) (-)





#64

Tetrachloroethene

Concen: 44.800 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

Tot Ion:164 Resp: 76818

Ion Ratio Lower Upper

164 100

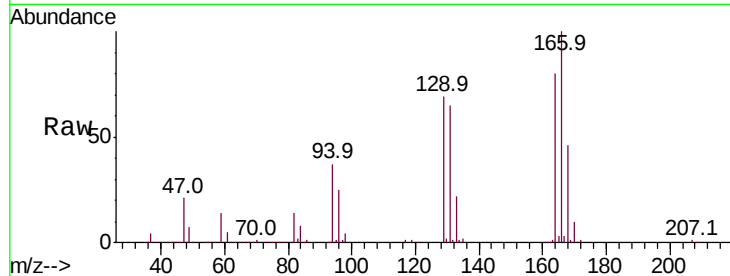
166 125.6 107.5 161.3

129 86.7 71.0 106.4

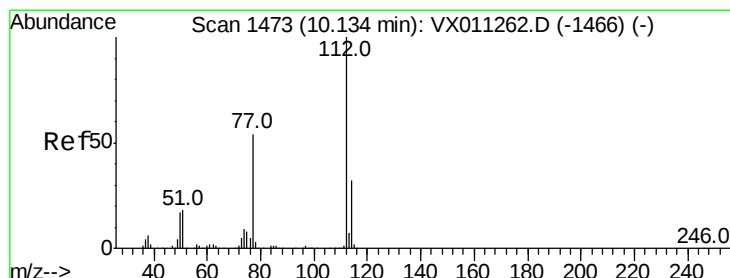
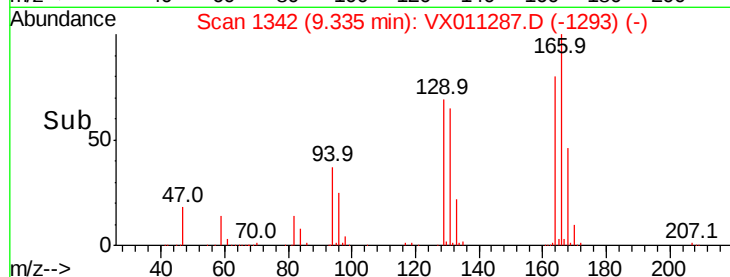
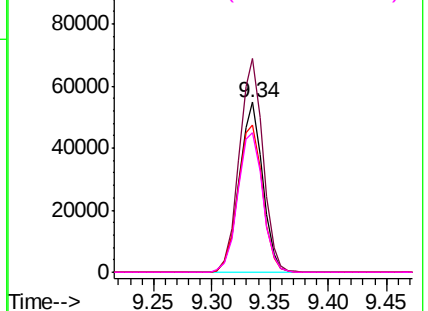
131 81.8 69.8 104.6

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Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 45.862 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011287.D

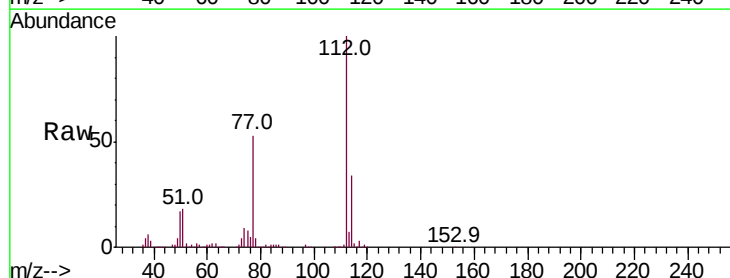
Acq: 02 Aug 2019 02:44

Tgt Ion:112 Resp: 198548

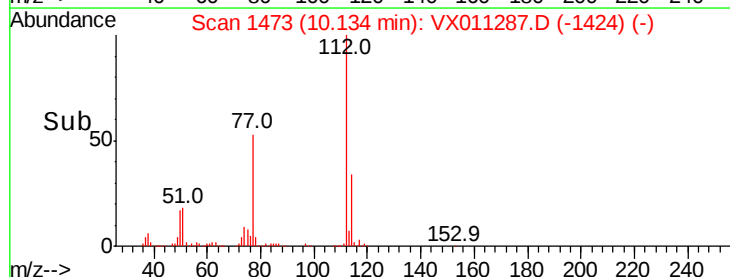
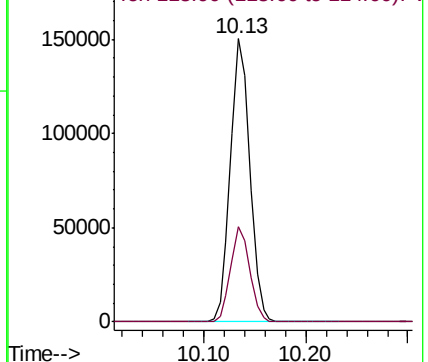
Ion Ratio Lower Upper

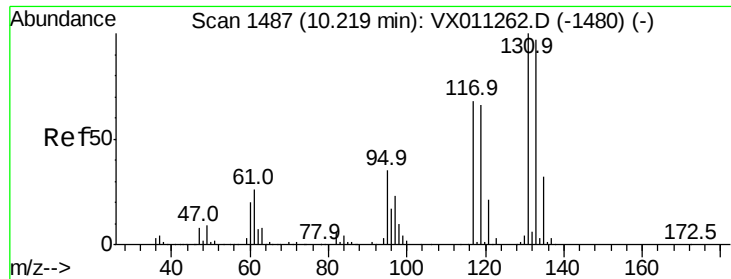
112 100

114 33.5 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





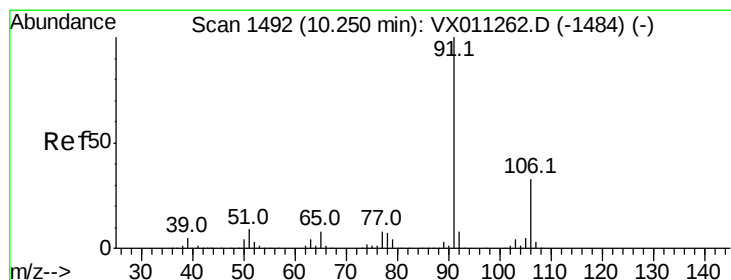
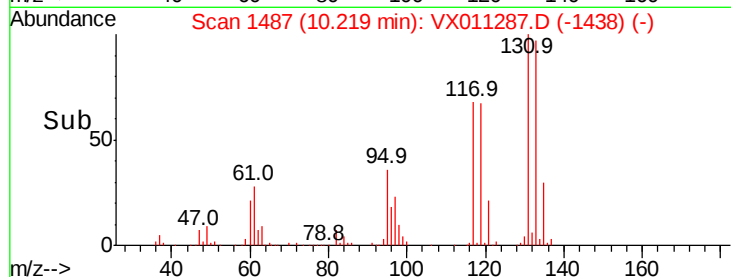
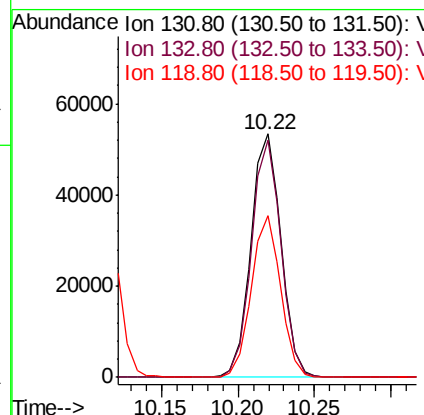
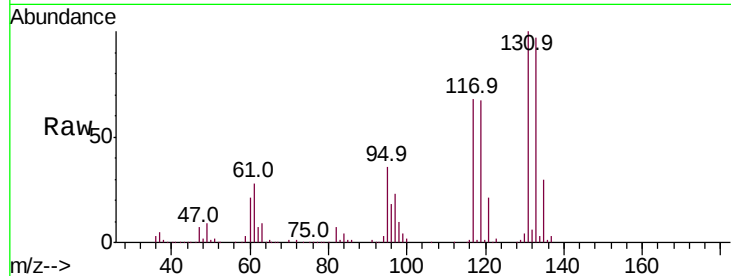
#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.107 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.7	143.1
119	64.8	32.8	98.3

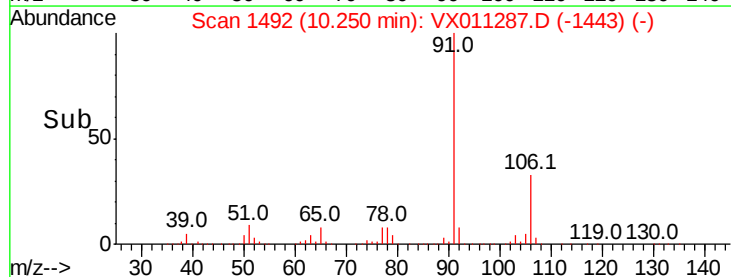
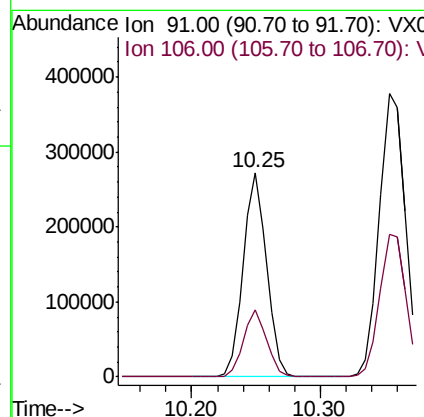
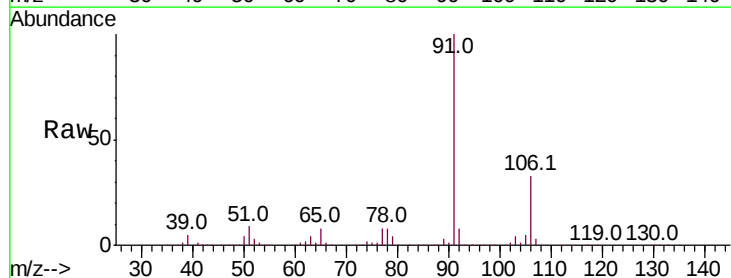
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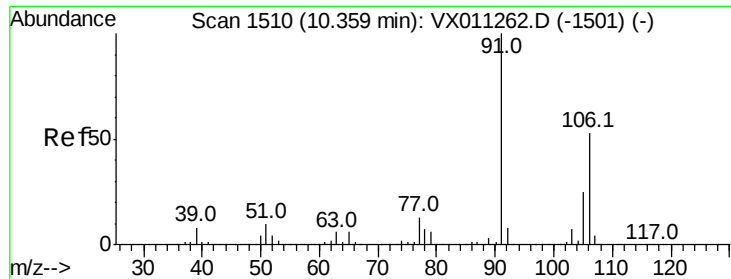
MMDadoda
 8/2/2019 9:04:48 AM



#67
 Ethyl Benzene
 Concen: 47.241 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.8	26.2	39.4





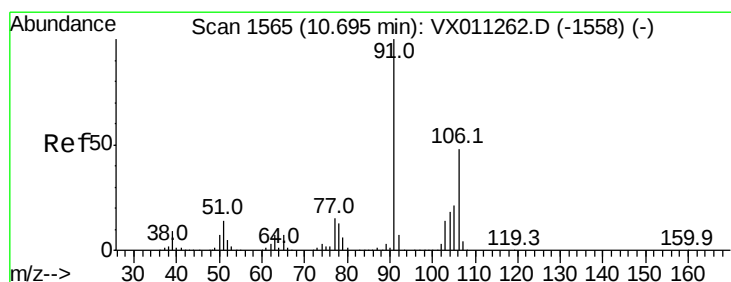
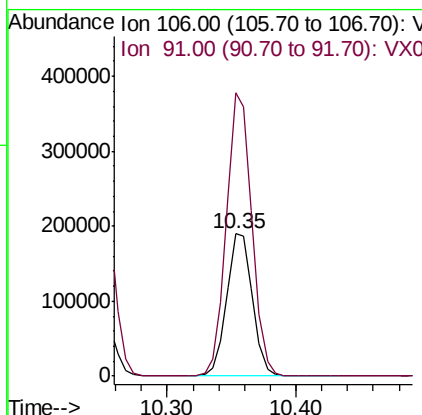
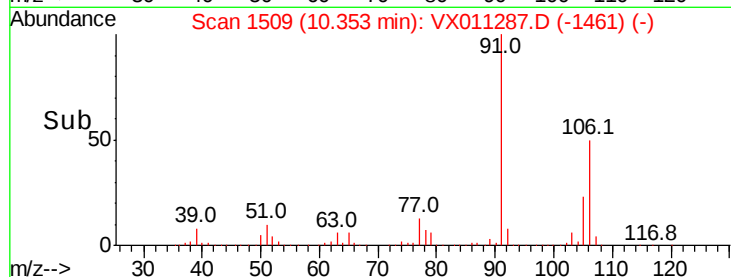
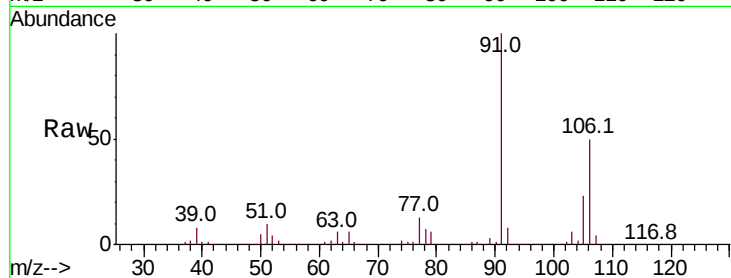
#68
m/p-Xylenes
Concen: 94.963 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

Tot Ion:106 Resp: 266317
Ion Ratio Lower Upper
106 100
91 197.1 155.9 233.9

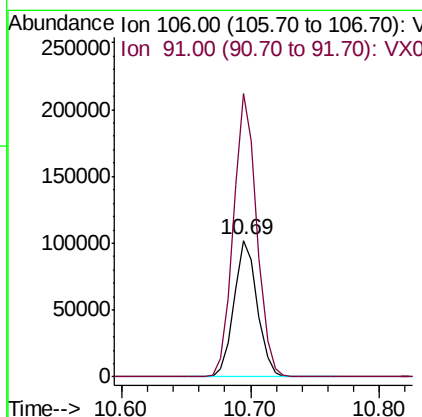
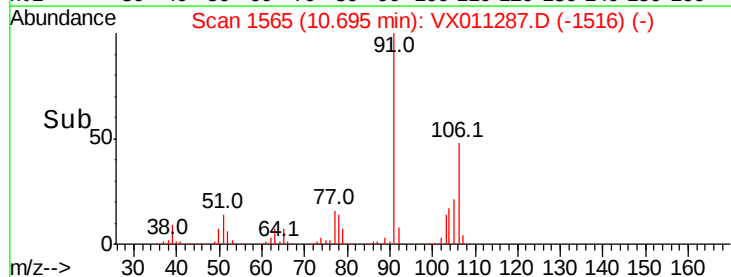
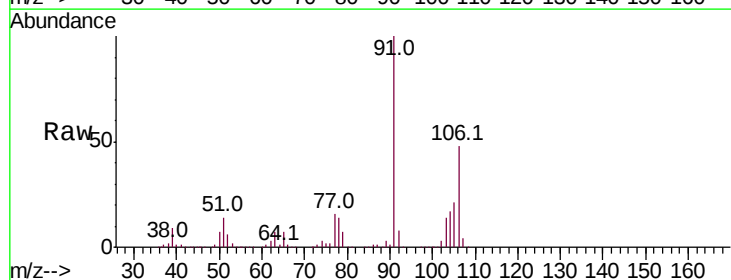
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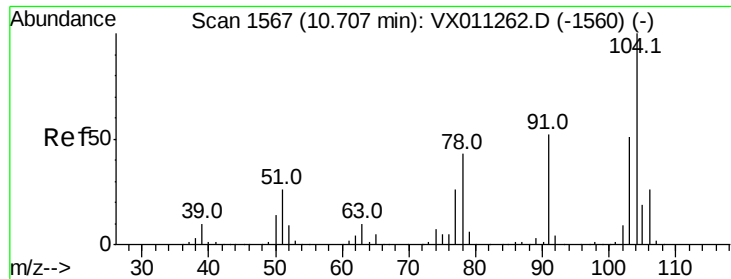
MMDadoda
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#69
o-Xylene
Concen: 46.769 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion:106 Resp: 128870
Ion Ratio Lower Upper
106 100
91 207.9 103.8 311.3





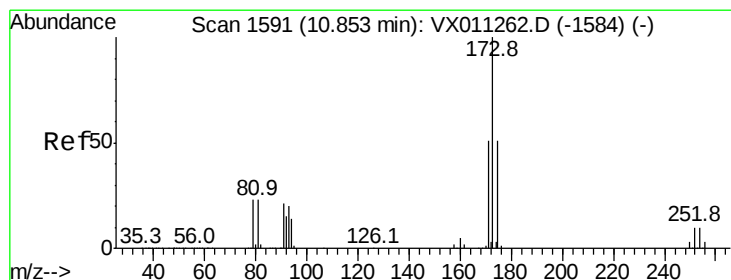
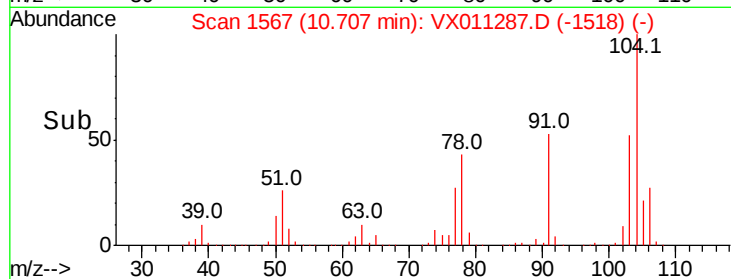
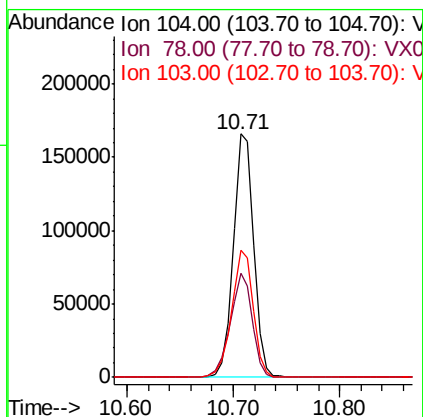
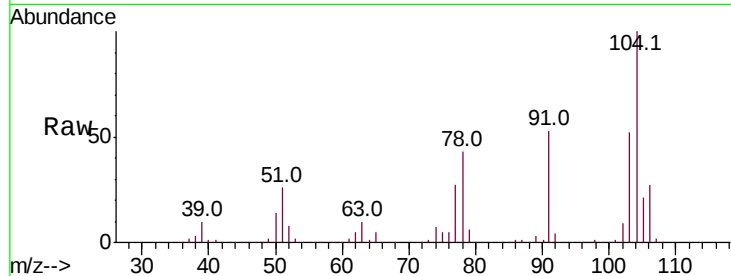
#70
Stvrene
Concen: 48.819 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.0	36.9	55.3
103	55.3	44.4	66.6

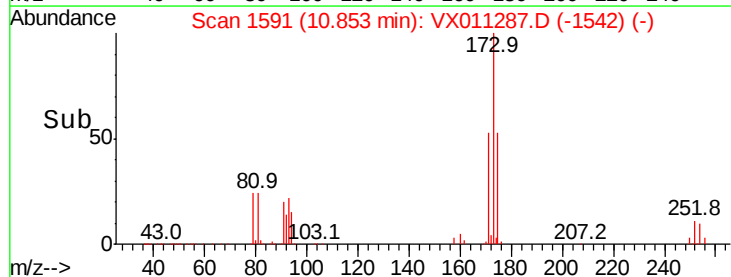
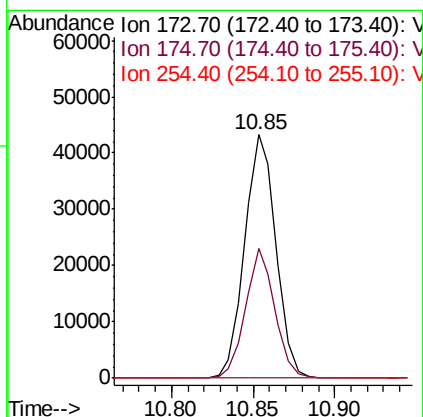
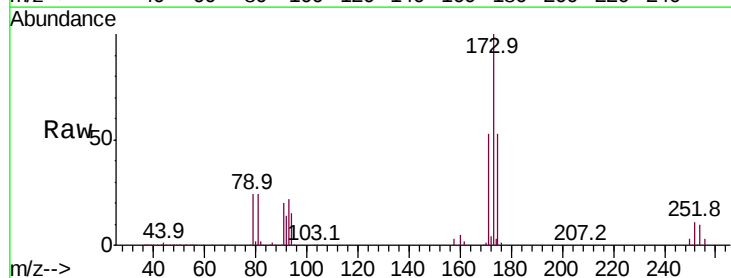
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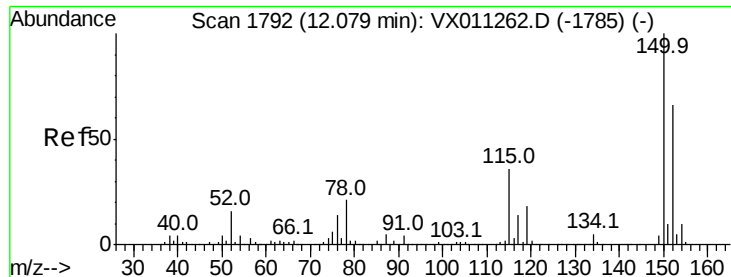
MMDadoda
8/2/2019 9:04:48 AM



#71
Bromoform
Concen: 43.869 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.4	73.4
254	0.0	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

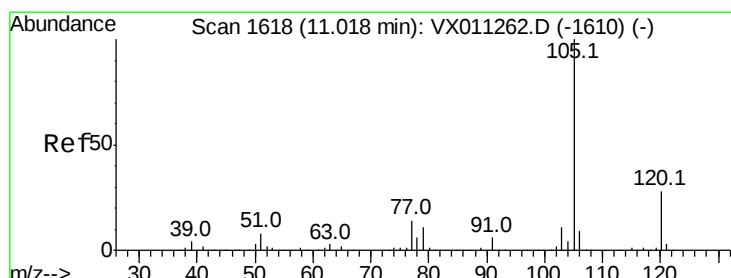
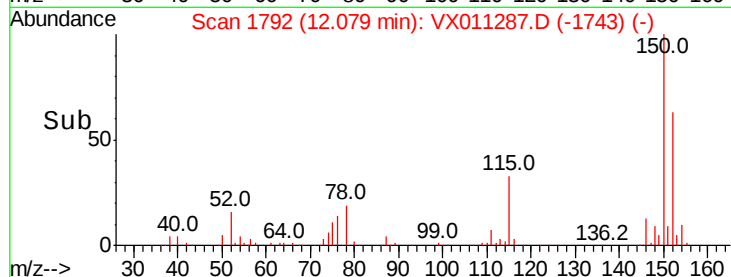
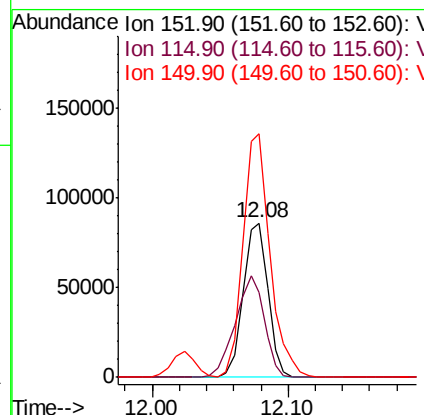
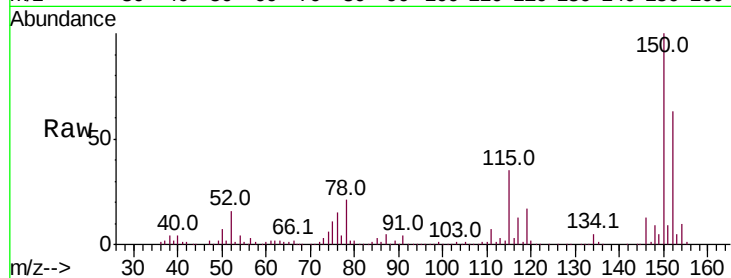
ClientSampleId :

SA-MW127I-20190730MS

Tot Ion:	152	Resp:	108177
Ion Ratio	Lower	Upper	
152	100		
115	77.5	40.0	119.9
150	173.2	0.0	350.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 46.641 ug/l

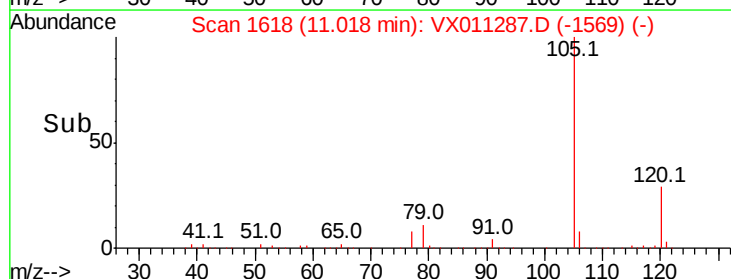
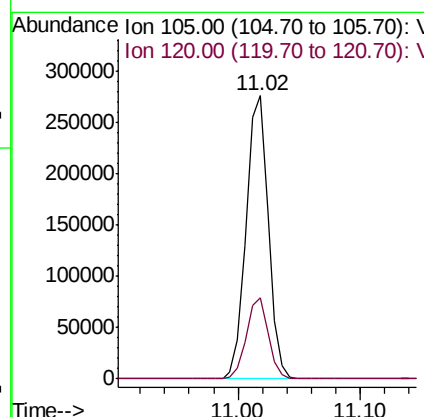
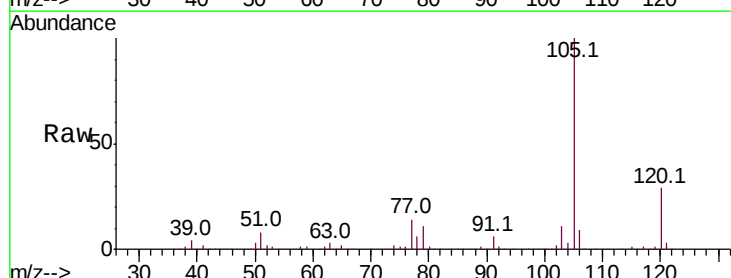
RT: 11.02 min Scan# 1618

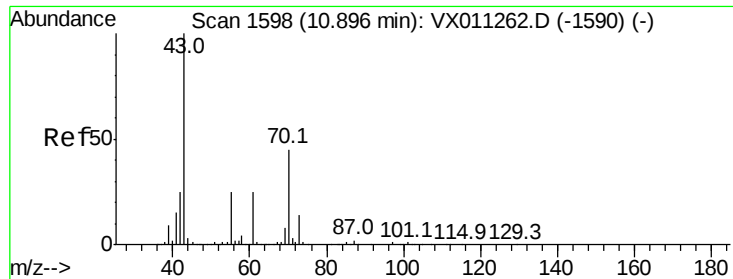
Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Tgt Ion:	105	Resp:	345073
Ion Ratio	Lower	Upper	
105	100		
120	28.1	13.7	41.1





#74

N-amvl acetate

Concen: 40.234 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

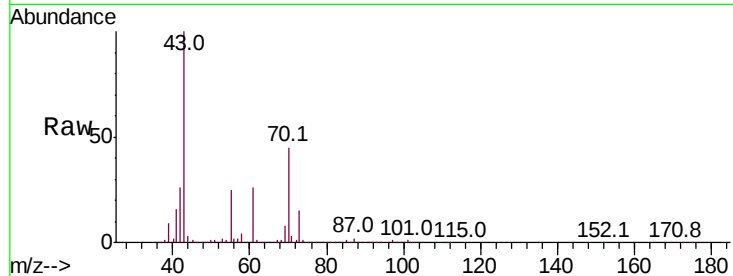
ClientSampleId :

SA-MW127I-20190730MS

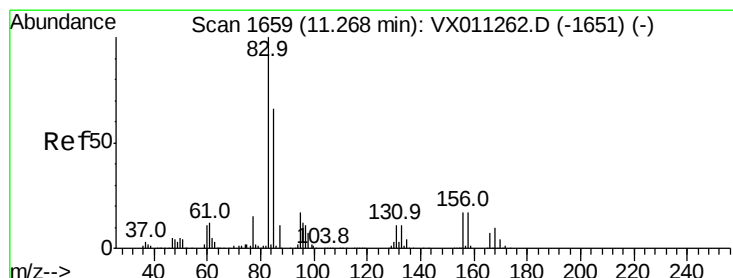
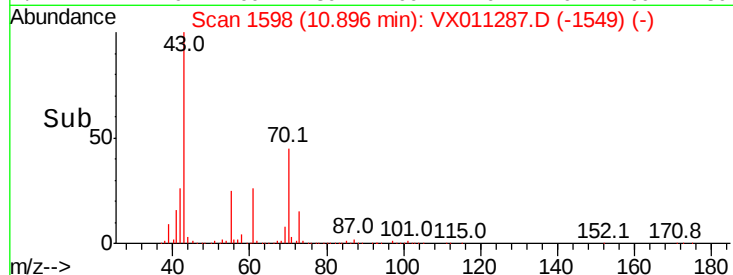
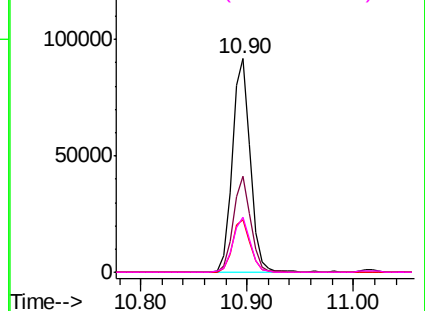
Tot Ion	43	Resp	107558
Ion	Ratio	Lower	Upper
43	100		
70	43.8	35.9	53.9
55	24.9	19.8	29.6
61	25.1	19.7	29.5

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 47.192 ug/l

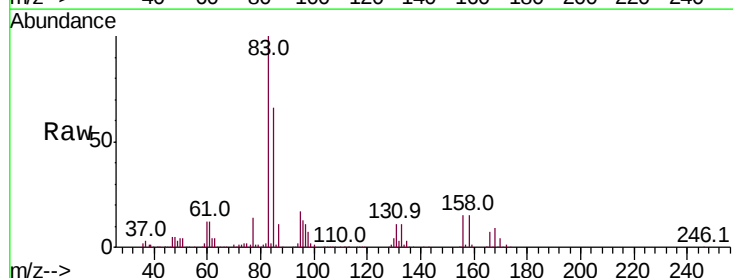
RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

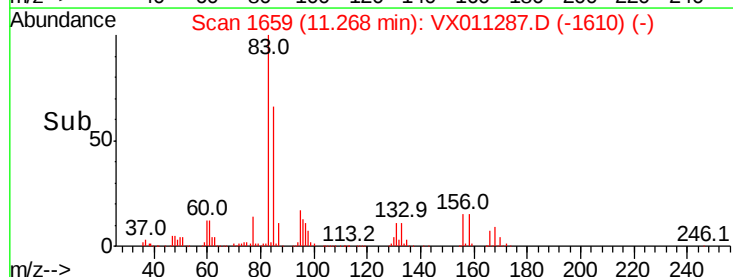
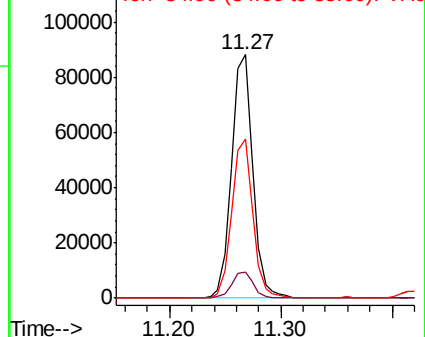
Lab File: VX011287.D

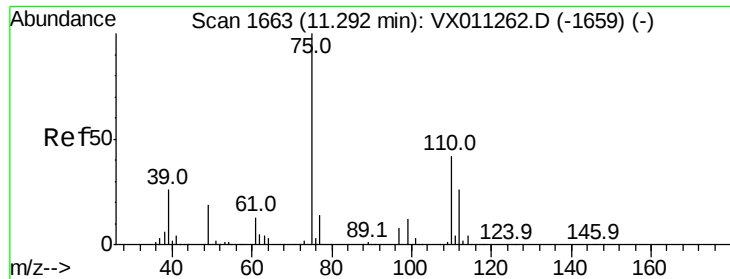
Acq: 02 Aug 2019 02:44

Tgt Ion	83	Resp	116354
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.6	16.8
85	65.1	32.1	96.5



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: 48.193 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

Tot Ion: 75 Resp: 94942

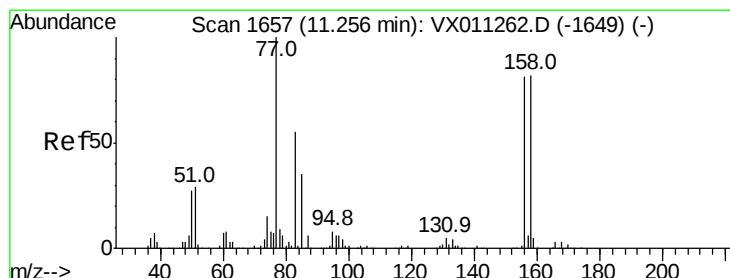
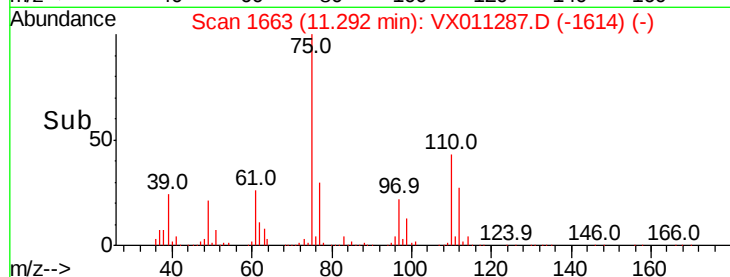
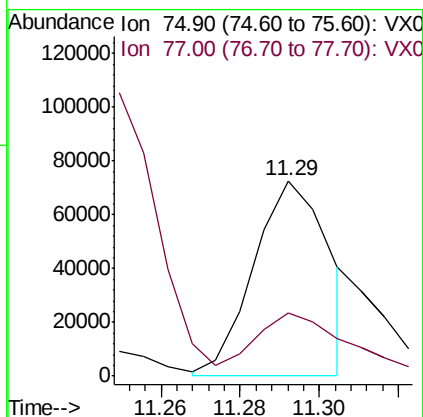
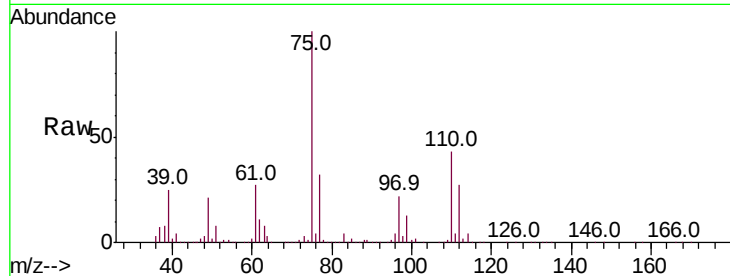
Ion Ratio Lower Upper

75 100

77 40.6 21.1 63.4

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#77

Bromobenzene

Concen: 46.884 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

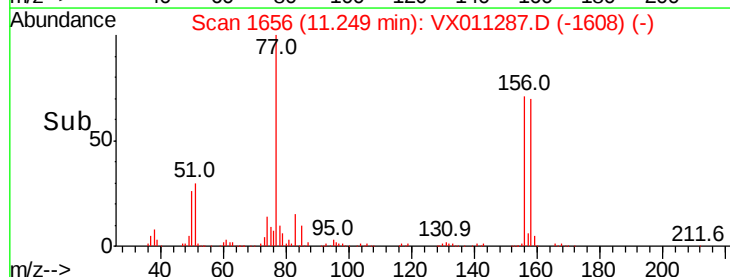
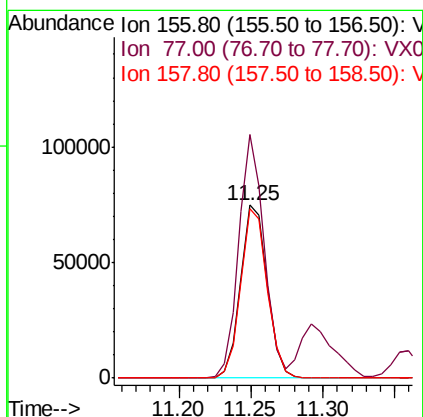
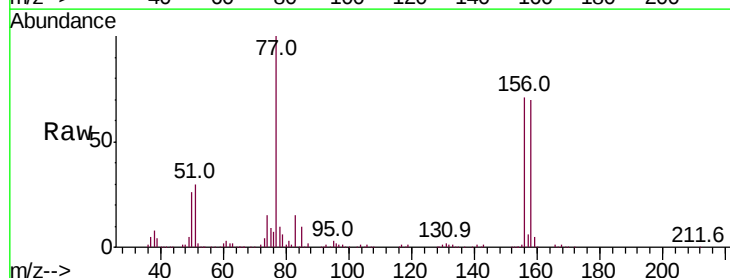
Tgt Ion: 156 Resp: 96186

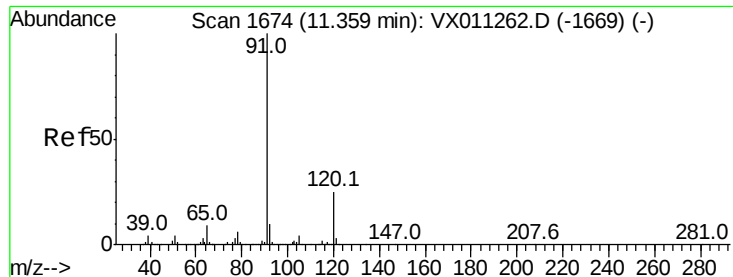
Ion Ratio Lower Upper

156 100

77 134.2 66.2 198.6

158 97.2 49.1 147.3





#78

n-propylbenzene

Concen: 46.985 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

Tot Ion: 91 Resp: 386577

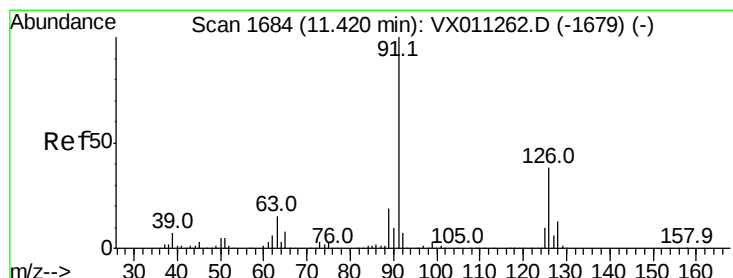
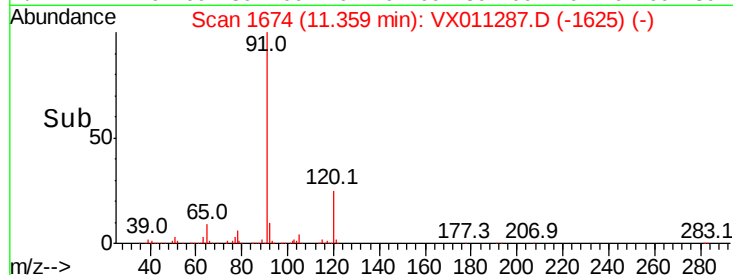
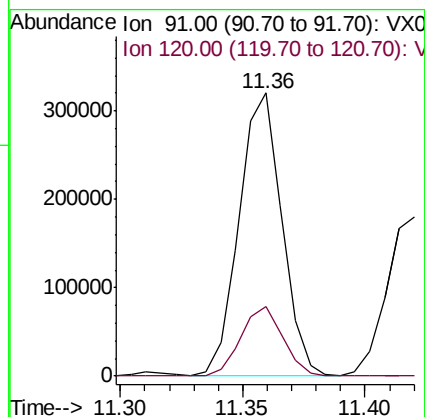
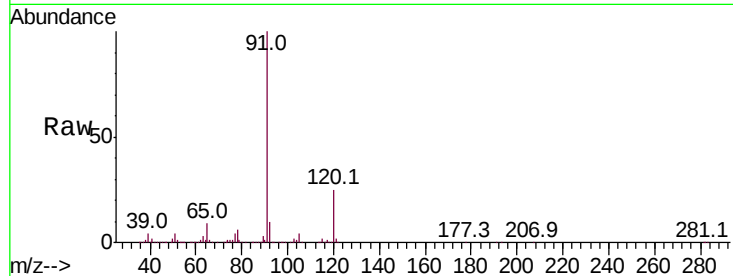
Ion Ratio Lower Upper

91 100

120 24.5 12.4 37.0

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#79

2-Chlorotoluene

Concen: 46.583 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011287.D

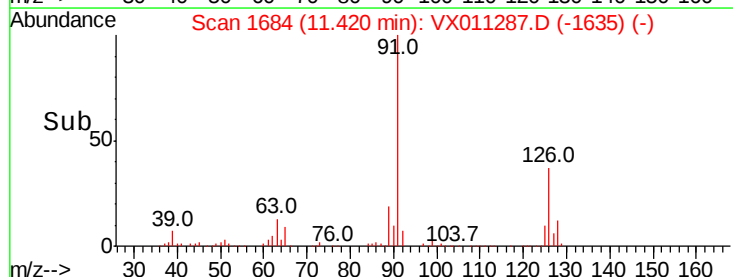
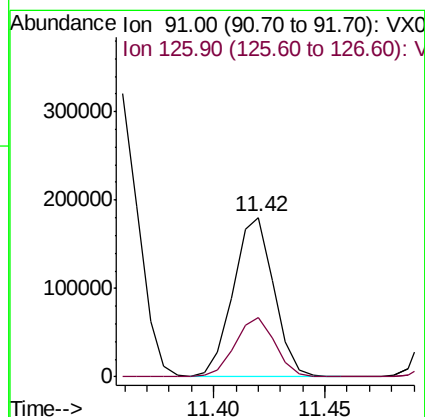
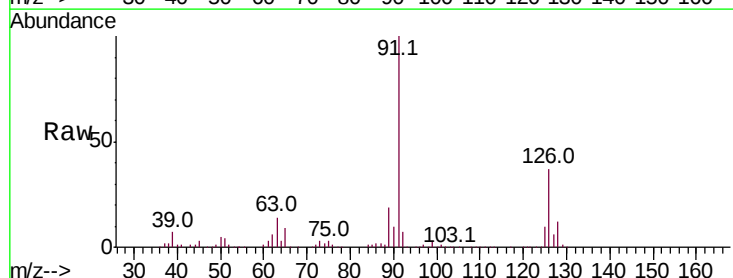
Acq: 02 Aug 2019 02:44

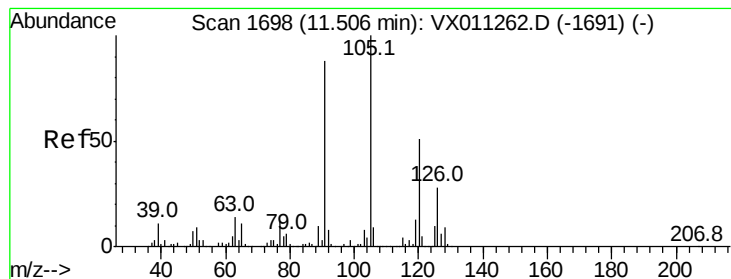
Tgt Ion: 91 Resp: 228441

Ion Ratio Lower Upper

91 100

126 36.7 18.5 55.5





#80

1,3,5-Trimethylbenzene

Concen: 47.053 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

Tot Ion:105 Resp: 291417

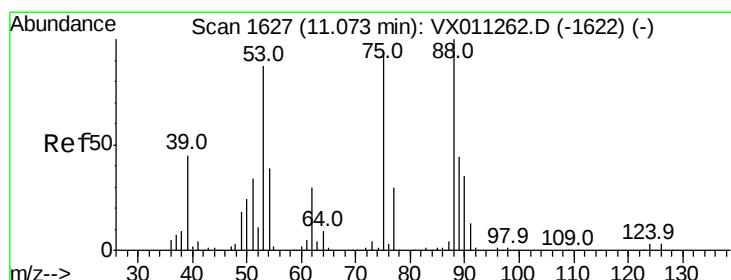
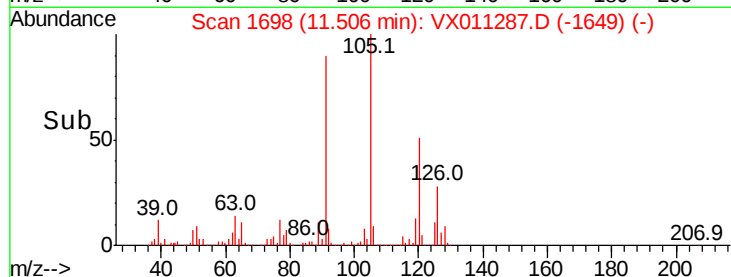
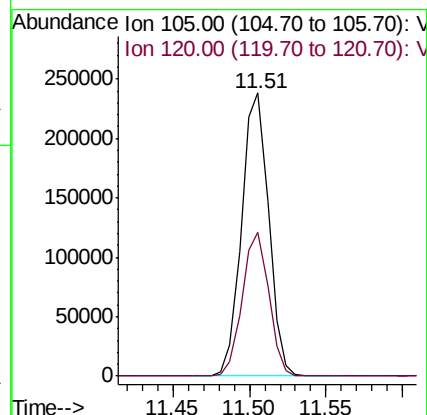
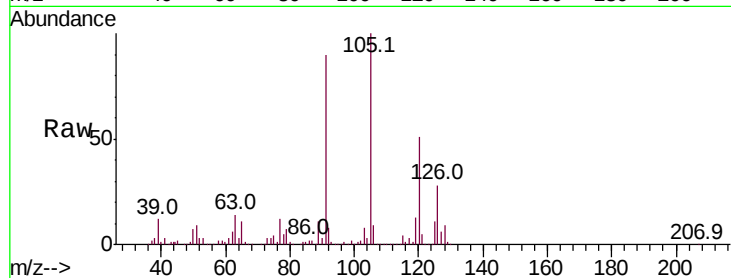
Ion Ratio Lower Upper

105 100

120 50.2 25.1 75.2

Manual Integrations
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#81

trans-1,4-Dichloro-2-butene

Concen: 39.614 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

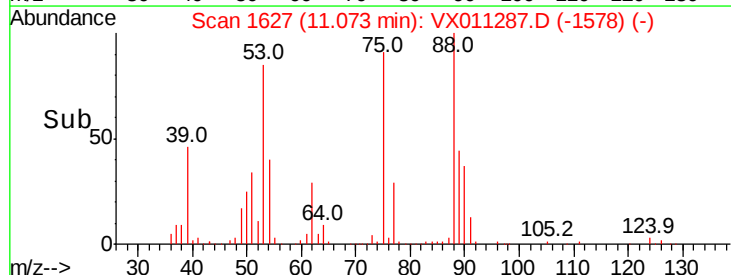
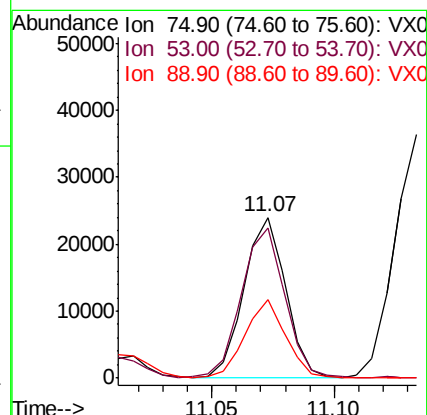
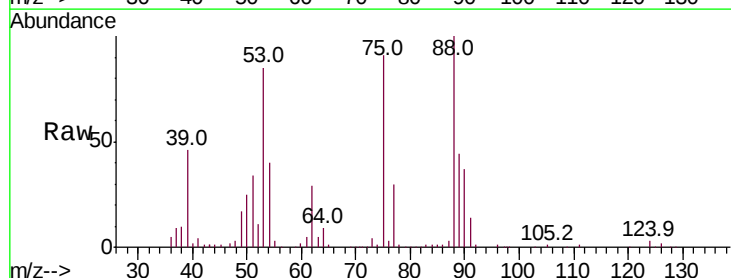
Tgt Ion: 75 Resp: 28463

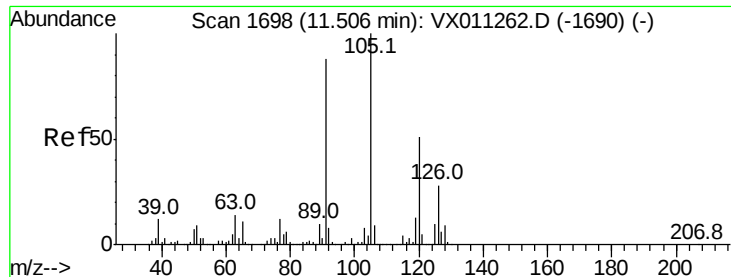
Ion Ratio Lower Upper

75 100

53 97.2 78.2 117.4

89 48.2 37.9 56.9





#82

4-Chlorotoluene

Concen: 46.914 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

Tot Ion: 91 Resp: 268123

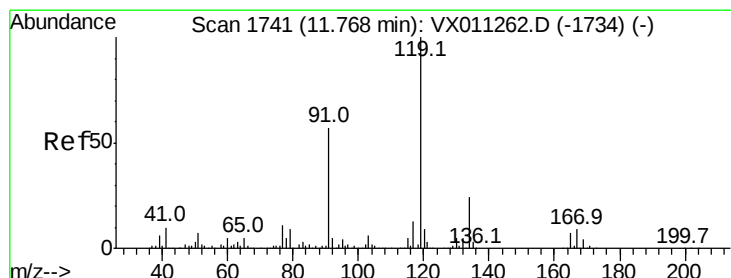
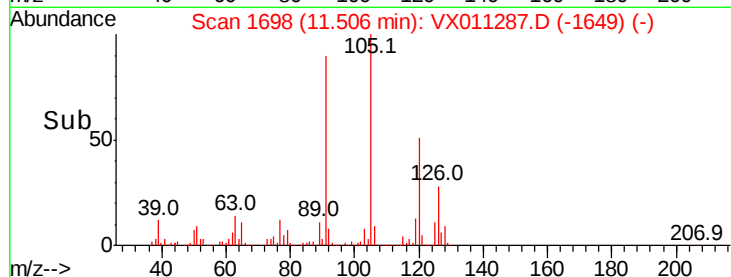
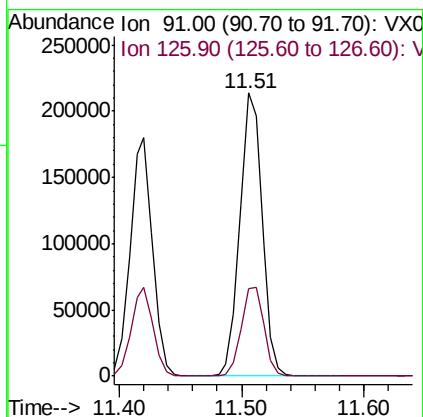
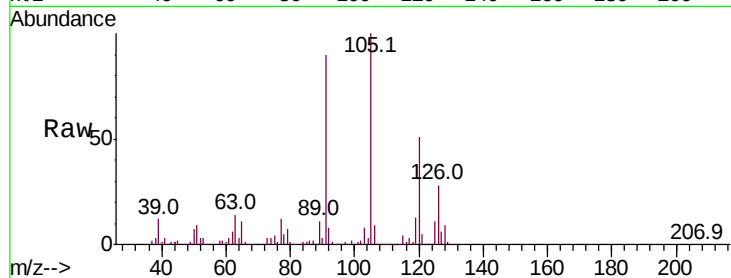
Ion Ratio Lower Upper

91 100

126 32.1 16.4 49.2

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#83

tert-Butylbenzene

Concen: 47.659 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

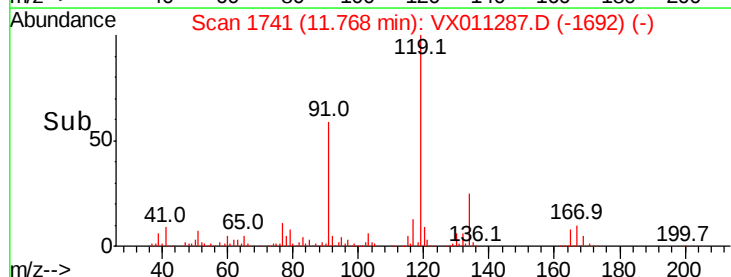
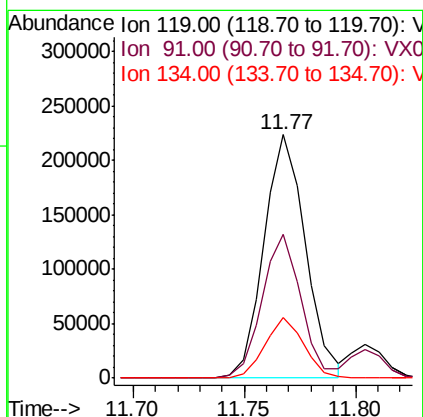
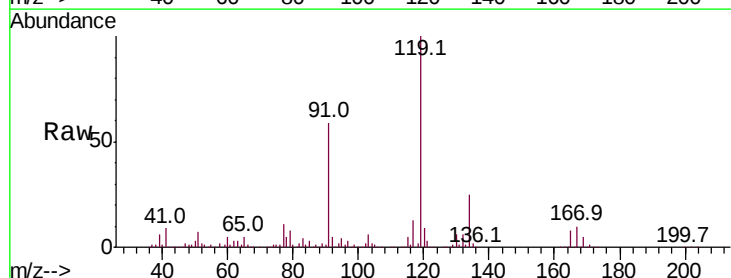
Tgt Ion: 119 Resp: 289496

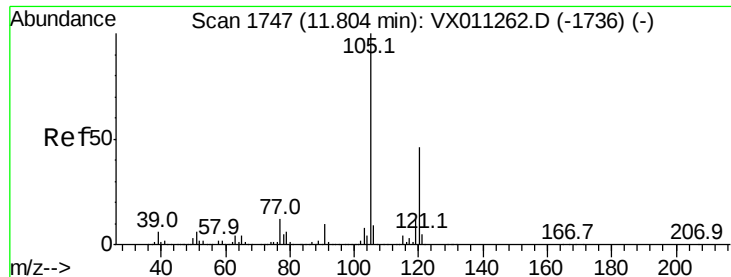
Ion Ratio Lower Upper

119 100

91 55.9 28.0 84.0

134 23.2 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 47.760 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

Tot Ion:105 Resp: 294503

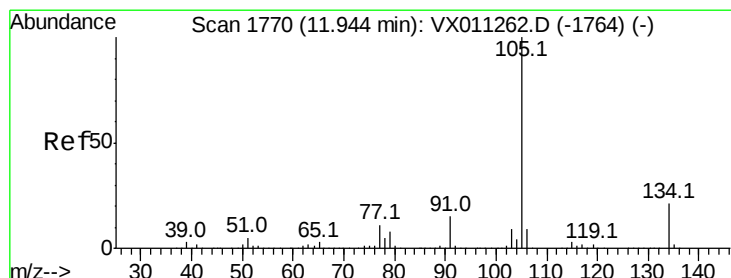
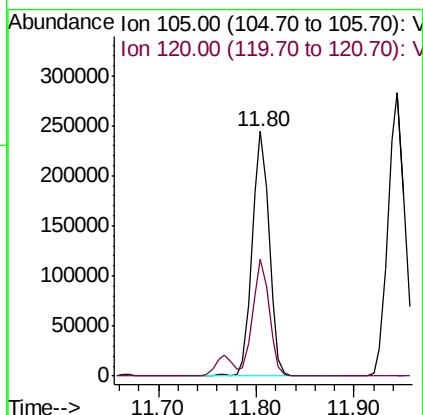
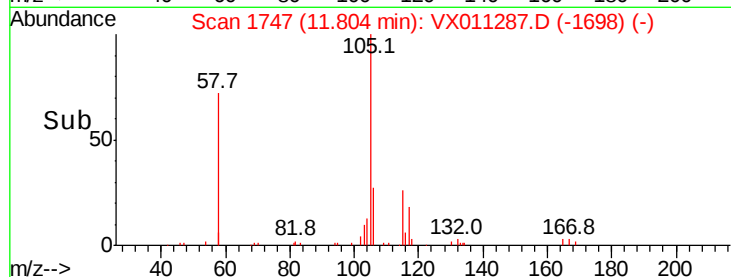
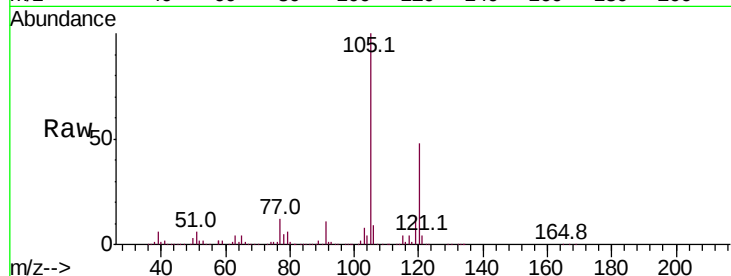
Ion Ratio Lower Upper

105 100

120 46.8 23.0 69.0

Manual Integrations
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#85

sec-Butylbenzene

Concen: 46.271 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011287.D

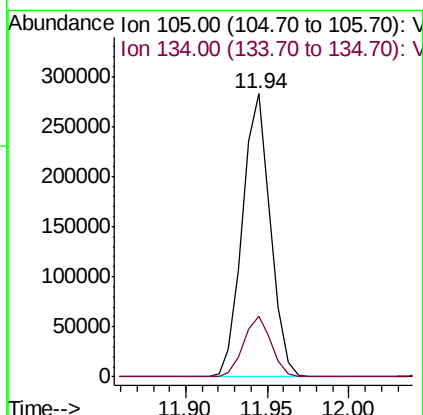
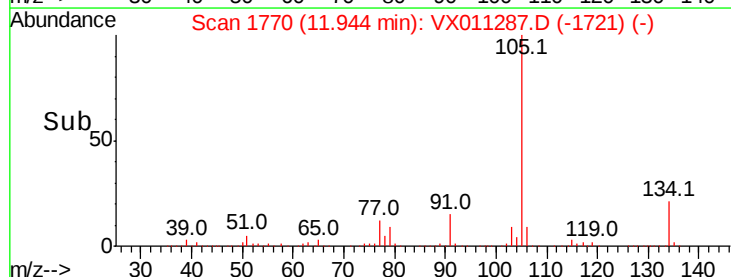
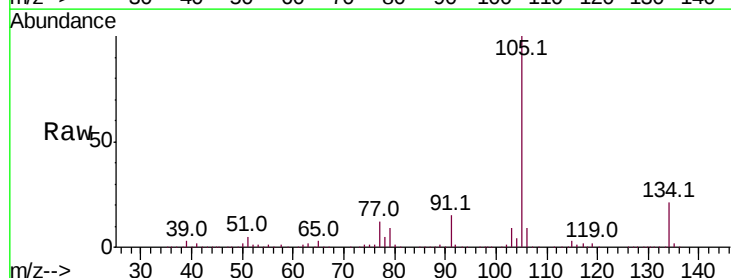
Acq: 02 Aug 2019 02:44

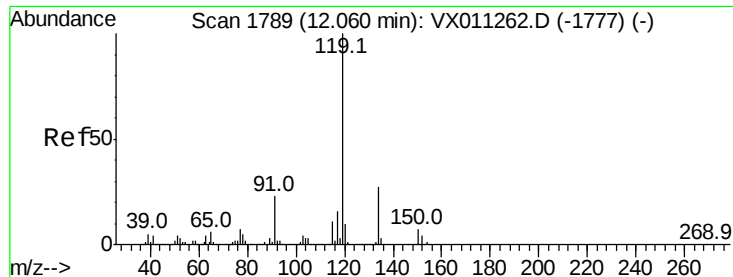
Tgt Ion:105 Resp: 337683

Ion Ratio Lower Upper

105 100

134 21.3 10.4 31.4





#86

p-Isopropyltoluene

Concen: 46.495 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

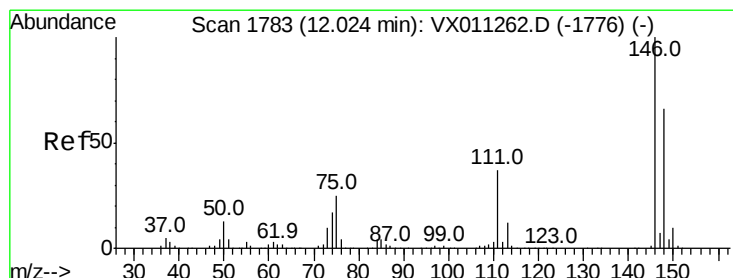
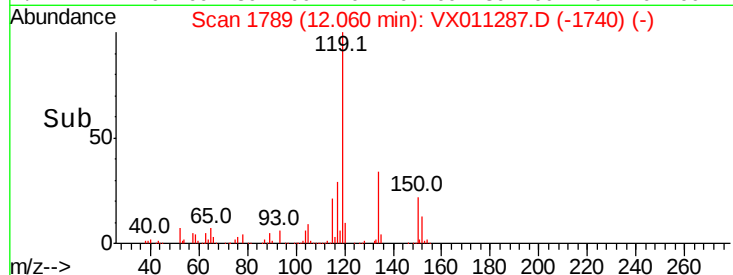
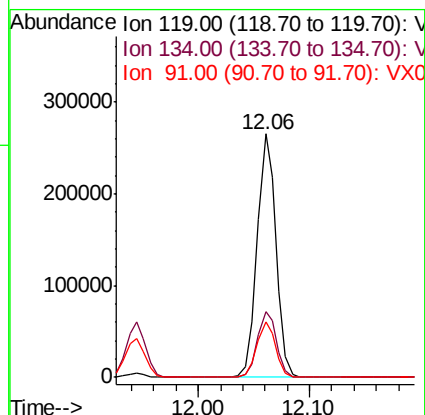
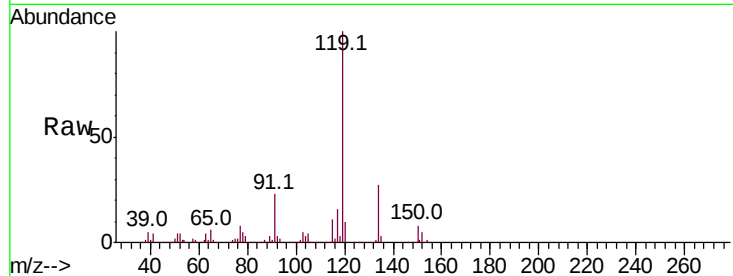
ClientSampleId :

SA-MW127I-20190730MS

Tot Ion:	119	Resp:	312165
Ion Ratio	Lower	Upper	
119	100		
134	27.4	13.7	41.0
91	22.9	11.4	34.2

Manual Integrations
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#87

1,3-Dichlorobenzene

Concen: 46.234 ug/l

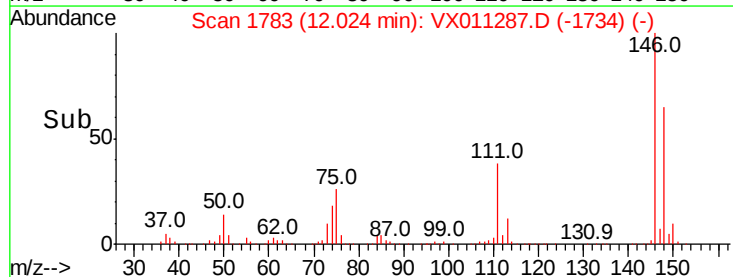
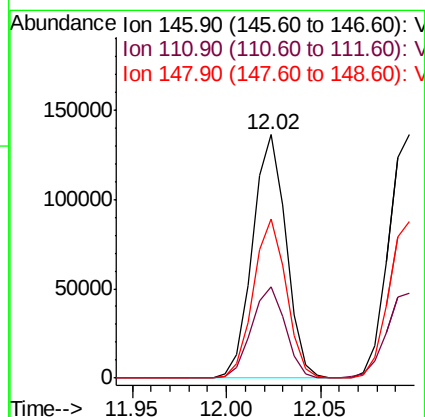
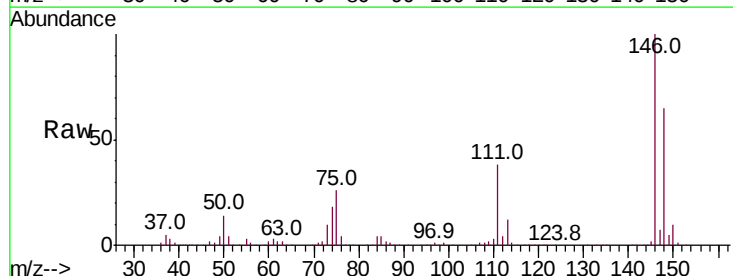
RT: 12.02 min Scan# 1783

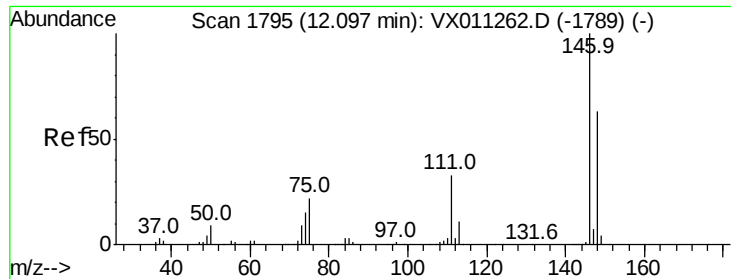
Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Tgt Ion:	146	Resp:	167597
Ion Ratio	Lower	Upper	
146	100		
111	37.8	18.6	55.8
148	64.2	32.5	97.5





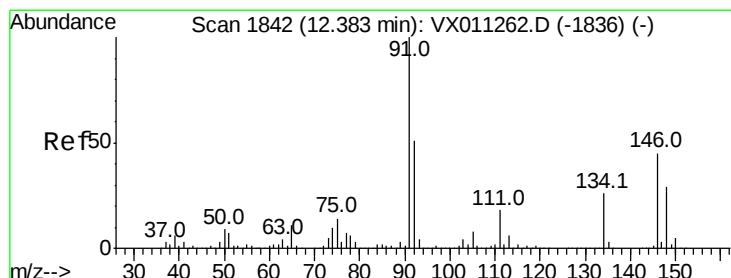
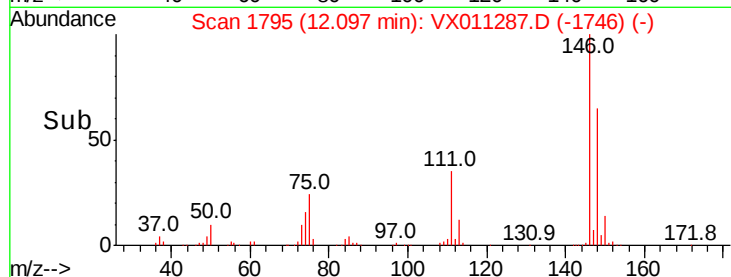
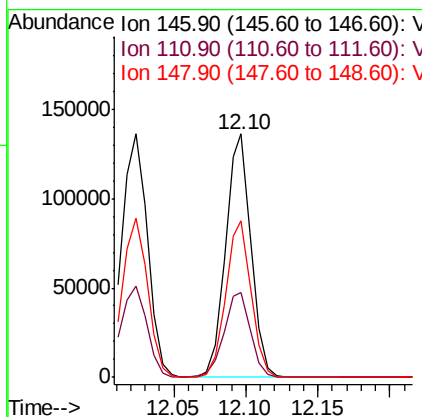
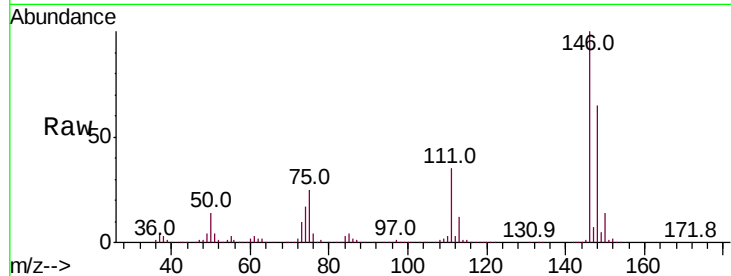
#88
 1,4-Dichlorobenzene
 Concen: 45.120 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	168654		
111	36.6	17.8	53.4	
148	64.4	31.8	95.3	

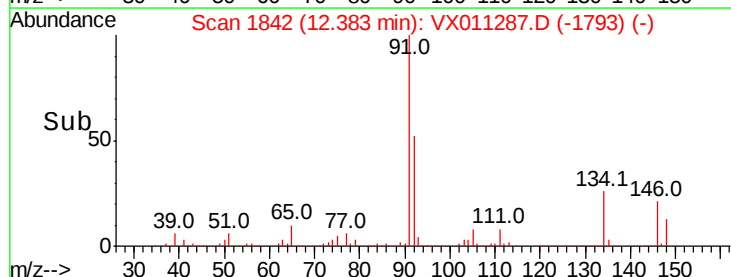
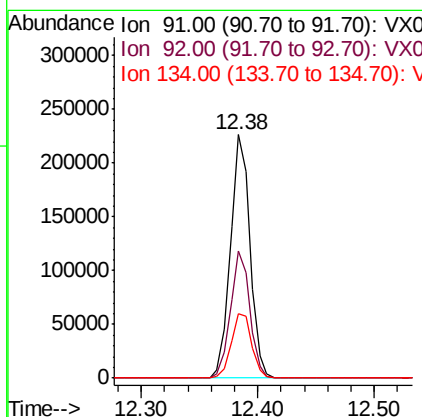
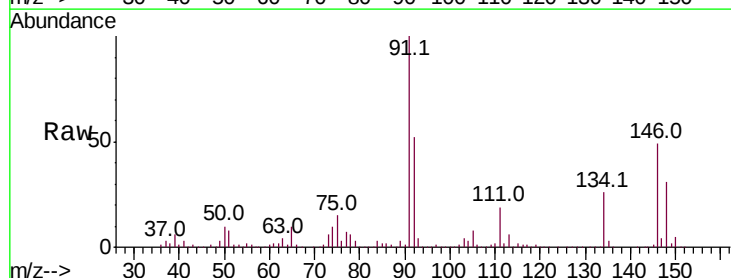
Manual Integrations
 APPROVED

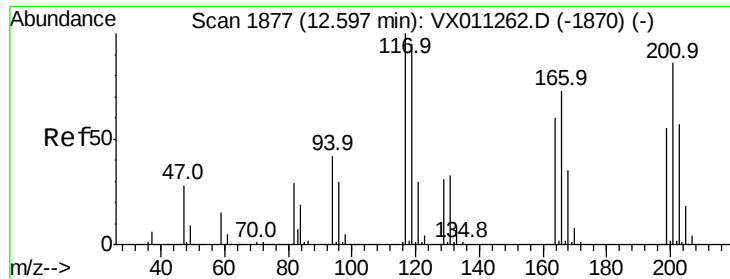
MMDadoda
 8/2/2019 9:04:48 AM



#89
 n-Butylbenzene
 Concen: 45.657 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	264090		
92	51.8	25.8	77.3	
134	27.6	13.7	41.0	





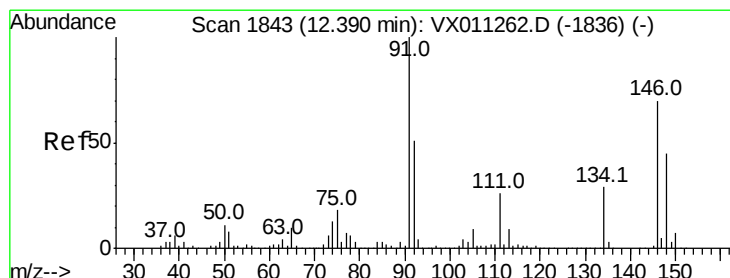
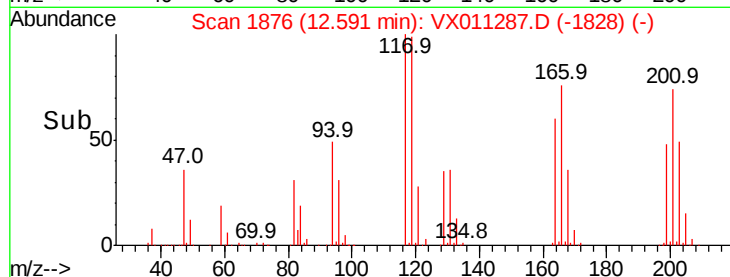
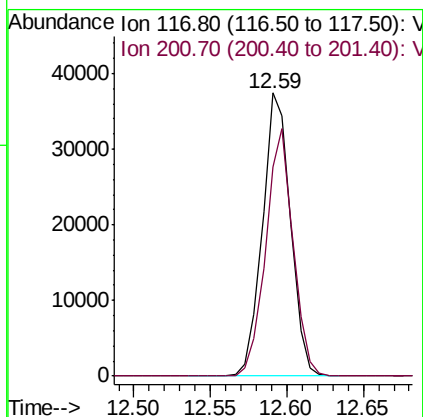
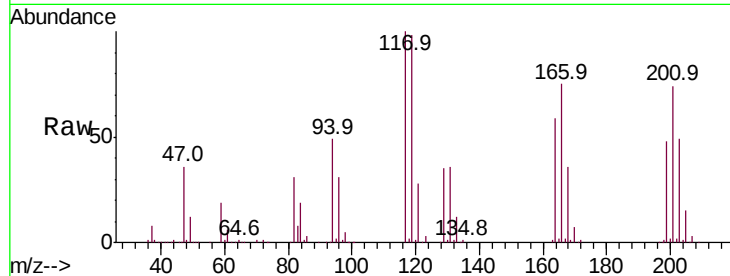
#90
Hexachloroethane
Concen: 48.267 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

Tot Ion:117 Resp: 47910
Ion Ratio Lower Upper
117 100
201 84.8 41.8 125.4

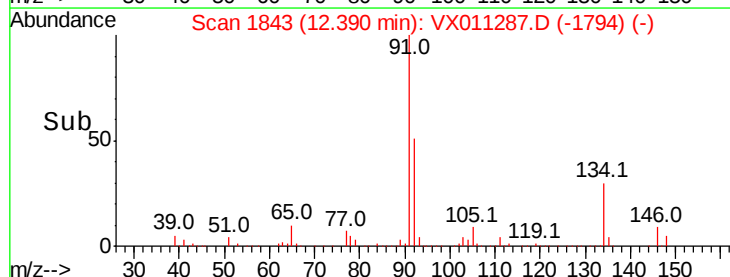
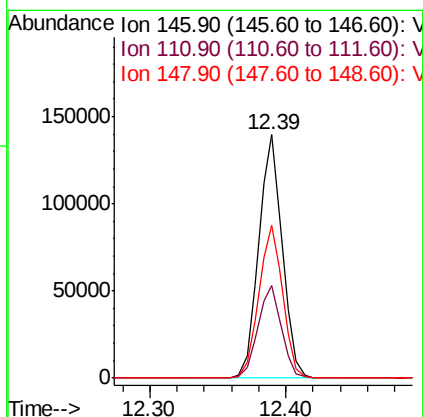
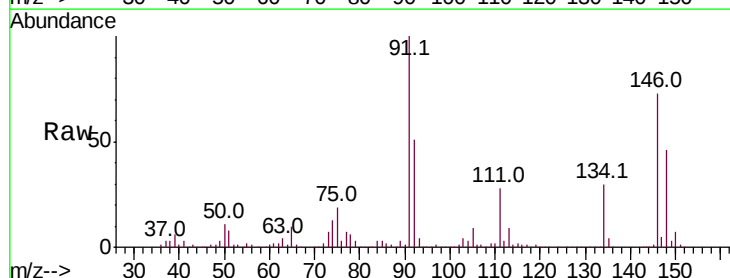
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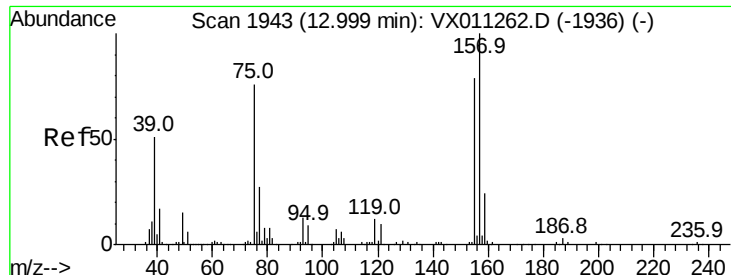
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#91
1,2-Dichlorobenzene
Concen: 46.715 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion:146 Resp: 170147
Ion Ratio Lower Upper
146 100
111 38.1 19.1 57.1
148 63.6 32.3 96.8





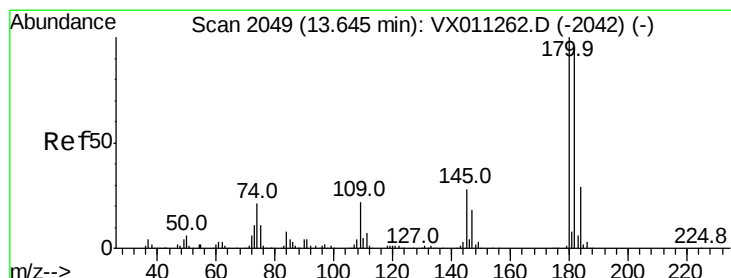
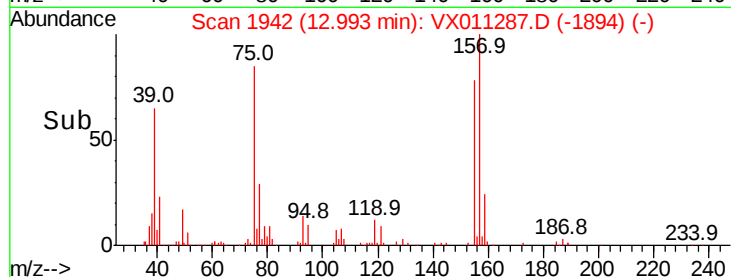
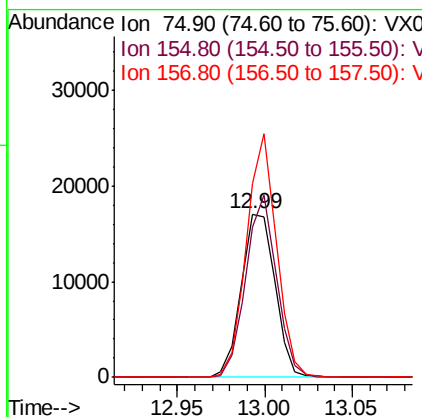
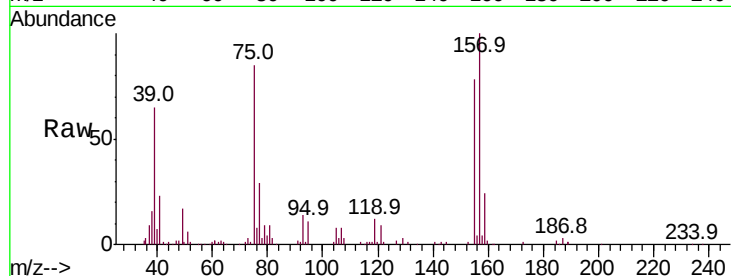
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.248 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

Tot Ion: 75 Resp: 23047
 Ion Ratio Lower Upper
 75 100
 155 101.7 51.9 155.8
 157 132.1 64.3 192.7

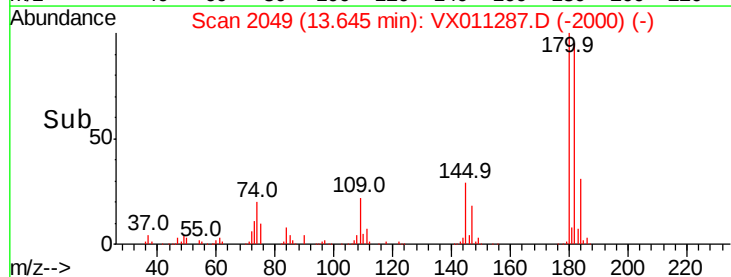
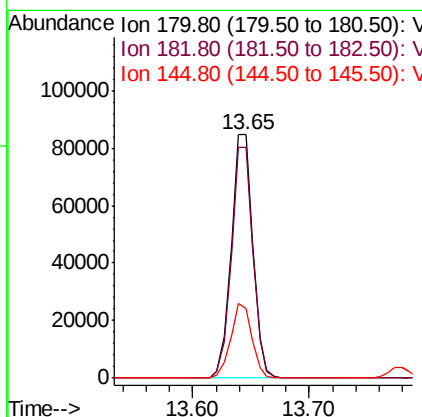
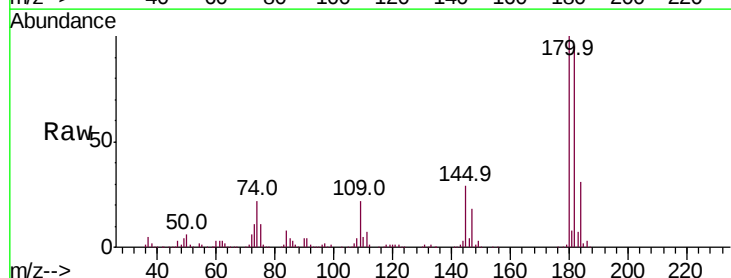
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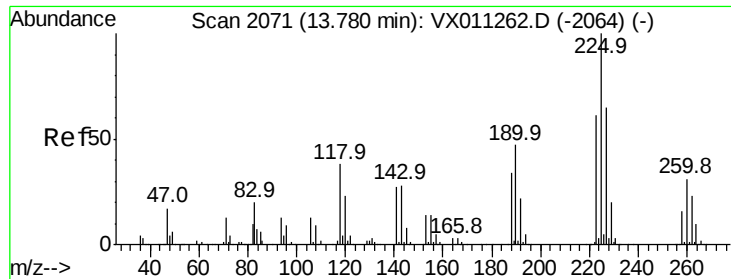
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#93
 1,2,4-Trichlorobenzene
 Concen: 45.252 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Tgt Ion:180 Resp: 109306
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.8 143.4
 145 29.9 14.8 44.3





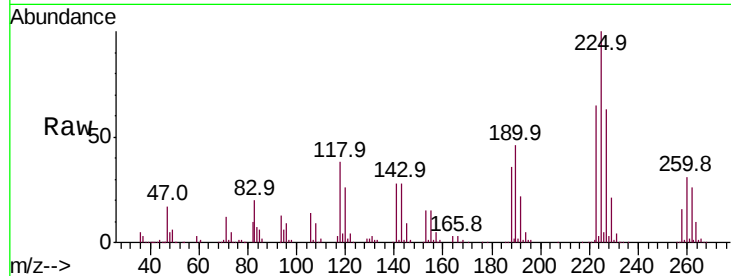
#94
Hexachlorobutadiene
Concen: 43.909 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

Tot Ion	Ratio	Resp	Lower	Upper
225	100	53811		
223	63.2		31.0	93.0
227	62.3		32.2	96.6

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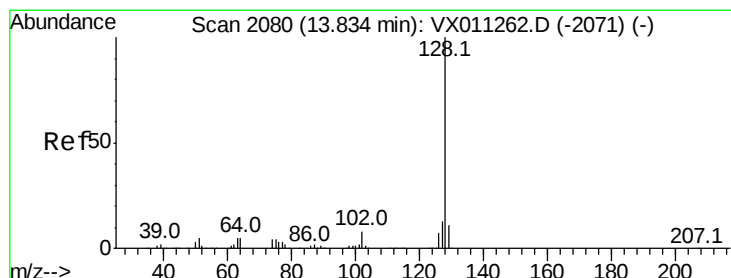
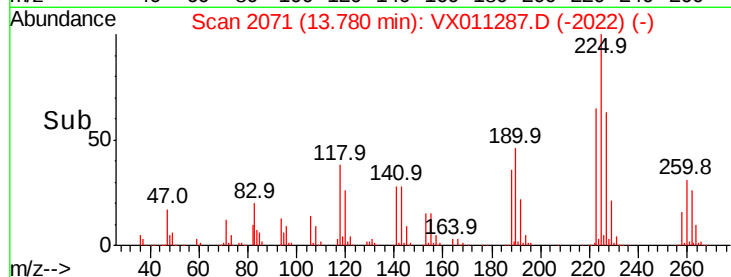
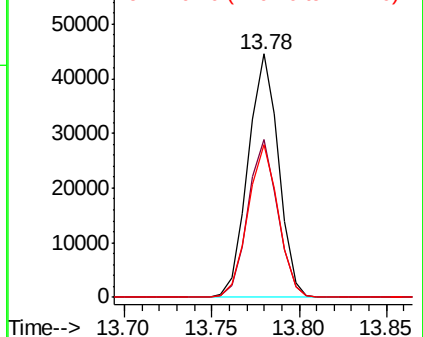


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95
Naphthalene
Concen: 48.085 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

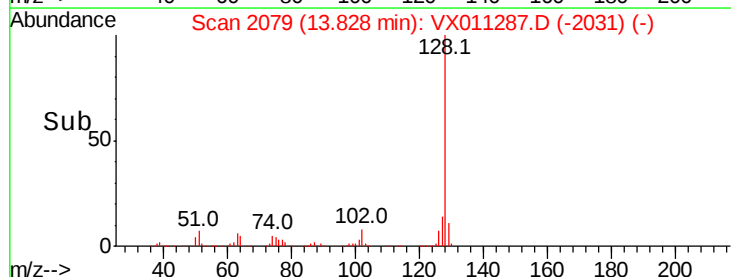
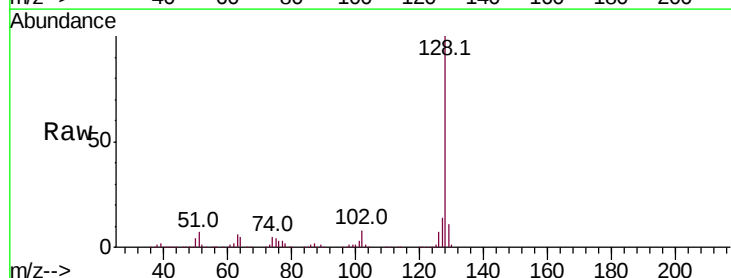
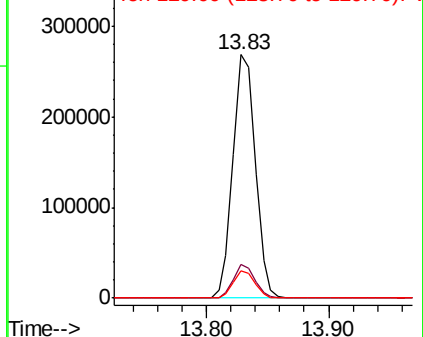
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	339660		
127	13.2		10.4	15.6
129	10.9		8.9	13.3

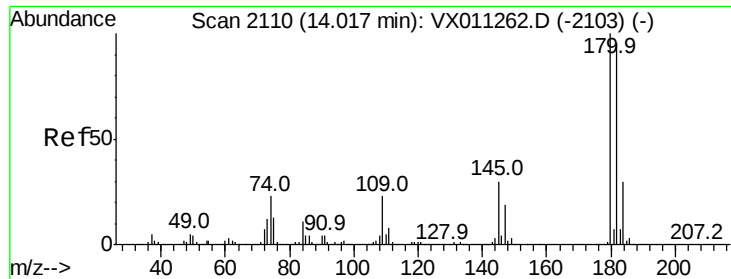
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 46.527 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.9	47.4	142.3	
145	30.2	15.2	45.6	

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