

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010280.D
 Acq On : 13 Jun 2019 18:09
 Operator : JC/SP
 Sample : VX0613WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2019 9:17:46 AM

Quant Time: Jun 14 04:14:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	318013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	470048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	425294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	153301	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
35) Dibromofluoromethane	5.50	113	151394	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
50) Toluene-d8	8.71	98	567532	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	11.13	95	204023	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	58879	20.122	ug/l	100
3) Chloromethane	1.33	50	52698	18.134	ug/l	97
4) Vinyl Chloride	1.40	62	58636	21.469	ug/l	100
5) Bromomethane	1.64	94	23612	22.910	ug/l	92
6) Chloroethane	1.72	64	33871	24.597	ug/l	99
7) Trichlorofluoromethane	1.93	101	94904	23.392	ug/l	99
8) Diethyl Ether	2.19	74	32944	23.559	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.38	101	55406	19.812	ug/l	92
10) Methyl Iodide	2.51	142	50413	11.635	ug/l	98
11) Tert butyl alcohol	3.04	59	87714	115.347	ug/l	98
12) 1,1-Dichloroethene	2.37	96	54823	19.193	ug/l #	79
13) Acrolein	2.29	56	10746	77.500	ug/l	94
14) Allyl chloride	2.73	41	80230	18.607	ug/l #	87
15) Acrylonitrile	3.14	53	161746	104.063	ug/l	99
16) Acetone	2.45	43	148825	101.934	ug/l #	85
17) Carbon Disulfide	2.57	76	135303	16.393	ug/l	99
18) Methyl Acetate	2.78	43	68461	21.322	ug/l #	84
19) Methyl tert-butyl Ether	3.20	73	179656	19.577	ug/l	95
20) Methylene Chloride	2.85	84	62700	19.554	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	57792	18.282	ug/l #	75
22) Diisopropyl ether	3.86	45	165885	20.123	ug/l #	81
23) Vinyl Acetate	3.82	43	730943	99.390	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	96864	19.352	ug/l #	96
25) 2-Butanone	4.68	43	226796	104.317	ug/l #	81
26) 2,2-Dichloropropane	4.59	77	84354	18.473	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	69749	19.834	ug/l	78
28) Bromochloromethane	5.02	49	42601	18.991	ug/l #	51
29) Tetrahydrofuran	5.13	42	143084	104.722	ug/l #	76
30) Chloroform	5.21	83	101782	19.580	ug/l	99
31) Cyclohexane	5.58	56	86485	19.145	ug/l #	73
32) 1,1,1-Trichloroethane	5.49	97	92250	18.877	ug/l	94
36) 1,1-Dichloropropene	5.80	75	72930	19.018	ug/l	92
37) Ethyl Acetate	4.83	43	81919	20.531	ug/l #	92
38) Carbon Tetrachloride	5.79	117	82608	19.031	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

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

39) Methylcyclohexane	7.46	83	98153	18.796	ug/l #	82
40) Benzene	6.14	78	235210	19.835	ug/l	97
41) Methacrylonitrile	5.04	41	43837	20.310	ug/l #	82
42) 1,2-Dichloroethane	6.20	62	72828	19.238	ug/l	92
43) Isopropyl Acetate	6.45	43	134390	20.144	ug/l #	90
44) Trichloroethene	7.21	130	70807	19.809	ug/l	87
45) 1,2-Dichloropropane	7.51	63	59936	20.194	ug/l	100
46) Dibromomethane	7.66	93	43130	19.397	ug/l	90
47) Bromodichloromethane	7.90	83	79218	19.066	ug/l #	99
48) Methyl methacrylate	7.77	41	61886	19.835	ug/l #	77
49) 1,4-Dioxane	7.74	88	35194	395.637	ug/l #	81
51) 4-Methyl-2-Pentanone	8.64	43	432139	108.428	ug/l	90
52) Toluene	8.79	92	154700	19.846	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	88330	18.379	ug/l	93
54) cis-1,3-Dichloropropene	8.43	75	97509	18.926	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	66574	20.854	ug/l	97
56) Ethyl methacrylate	9.18	69	99679	19.767	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	101494	20.194	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	227280	95.604	ug/l #	85
59) 2-Hexanone	9.49	43	342333	107.731	ug/l	88
60) Dibromochloromethane	9.58	129	73034	19.342	ug/l	99
61) 1,2-Dibromoethane	9.67	107	70054	19.703	ug/l	99
64) Tetrachloroethene	9.33	164	65791	20.828	ug/l	93
65) Chlorobenzene	10.13	112	176441	20.101	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	67707	20.058	ug/l	99
67) Ethyl Benzene	10.25	91	296756	19.859	ug/l	95
68) m/p-Xylenes	10.36	106	231406	40.019	ug/l	89
69) o-Xylene	10.69	106	114429	19.908	ug/l	88
70) Styrene	10.71	104	193532	19.880	ug/l	94
71) Bromoform	10.85	173	57339	18.477	ug/l #	99
73) Isopropylbenzene	11.02	105	302036	20.297	ug/l	96
74) N-amyl acetate	10.90	43	117627	19.996	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	104713	20.556	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	97547m	22.877	ug/l	
77) Bromobenzene	11.26	156	83628	20.436	ug/l	79
78) n-propylbenzene	11.36	91	327147	19.747	ug/l	93
79) 2-Chlorotoluene	11.42	91	196114	19.710	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	246952	19.703	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	34812	18.038	ug/l	85
82) 4-Chlorotoluene	11.51	91	222223	19.661	ug/l	91
83) tert-Butylbenzene	11.77	119	260306	20.519	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	250624	19.796	ug/l	96
85) sec-Butylbenzene	11.94	105	297689	20.142	ug/l	96
86) p-Isopropyltoluene	12.06	119	269922	19.977	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	144147	19.998	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	145398	20.010	ug/l	98
89) n-Butylbenzene	12.38	91	228044	19.608	ug/l	96
90) Hexachloroethane	12.60	117	48118	17.878	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	145193	20.719	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21514	17.948	ug/l	63

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

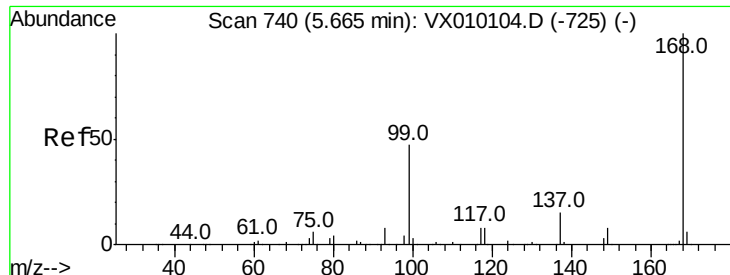
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103383	20.155	ug/l	99
94) Hexachlorobutadiene	13.78	225	47726	20.921	ug/l	99
95) Naphthalene	13.83	128	328658	20.354	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	102257	20.162	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion:168 Resp: 318013

Ion Ratio Lower Upper

168 100

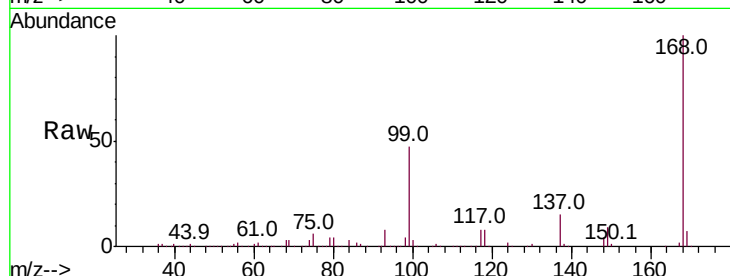
99 46.4 43.0 64.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

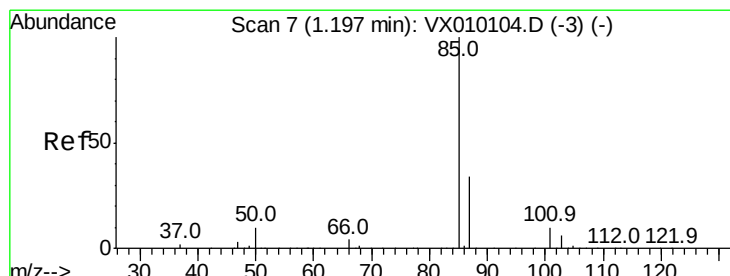
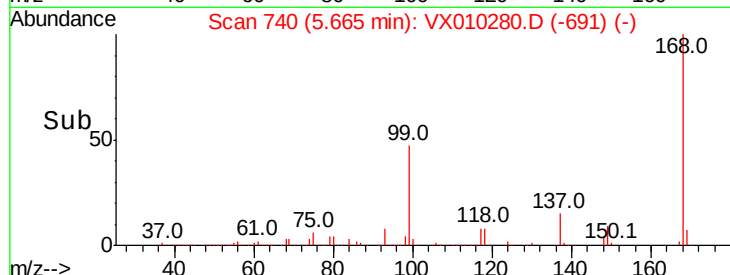
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.122 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010280.D

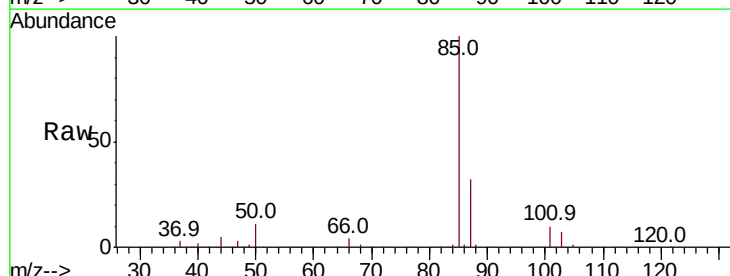
Acq: 13 Jun 2019 18:09

Tgt Ion: 85 Resp: 58879

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

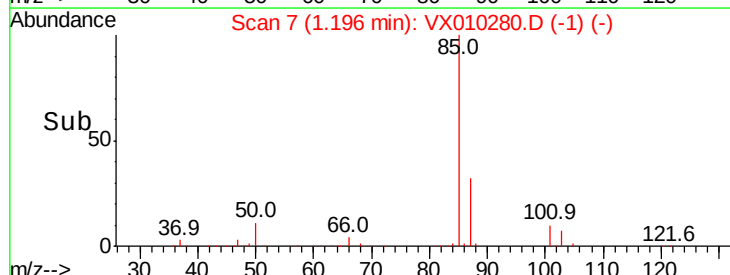
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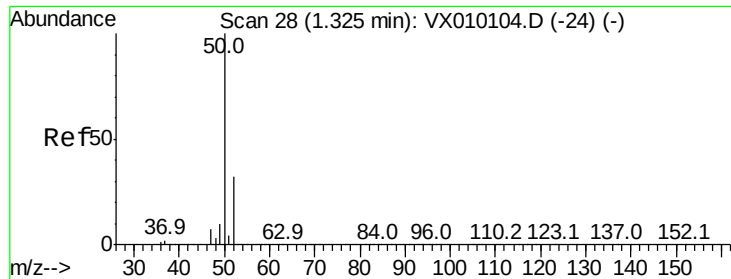
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.134 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 50 Resp: 52698

Ion Ratio Lower Upper

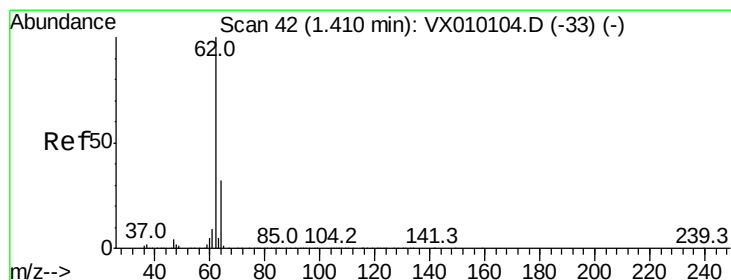
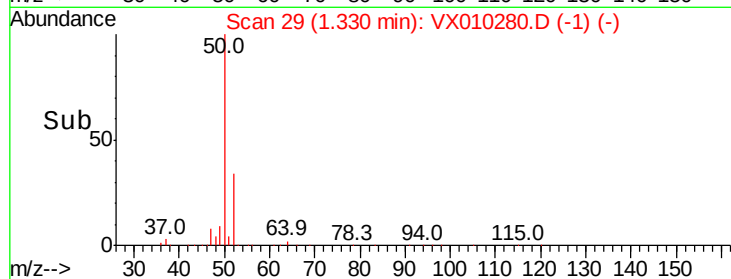
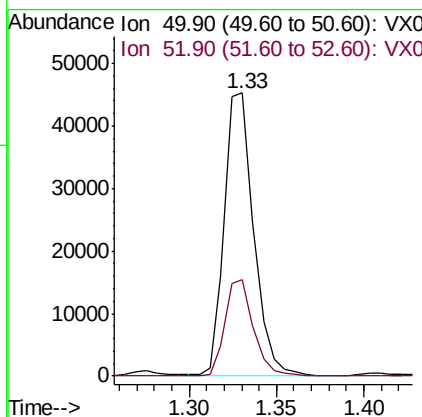
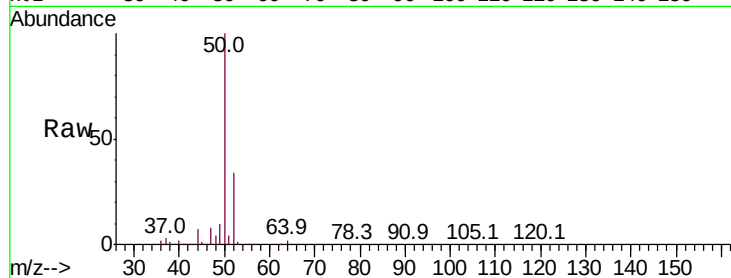
50 100

52 34.3 26.0 39.0

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#4

Vinyl Chloride

Concen: 21.469 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010280.D

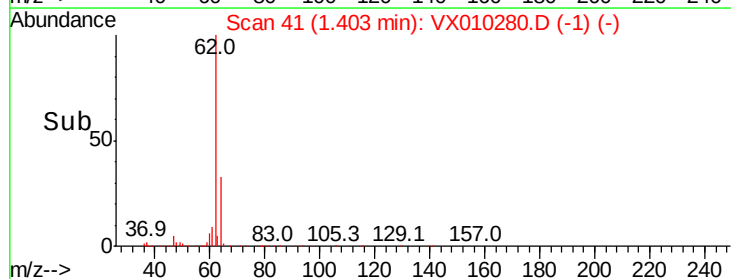
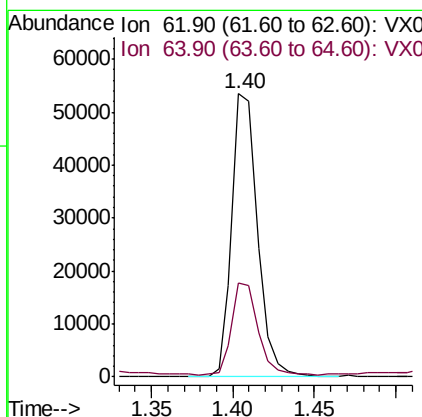
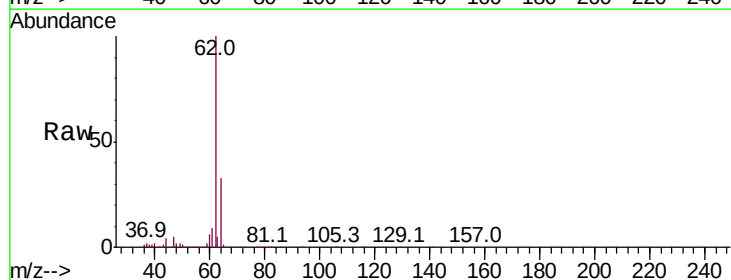
Acq: 13 Jun 2019 18:09

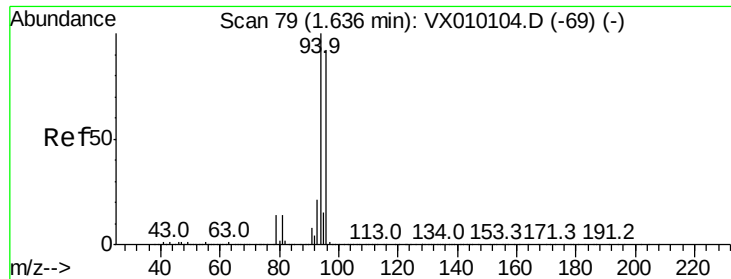
Tgt Ion: 62 Resp: 58636

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 22.910 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 94 Resp: 23612

Ion Ratio Lower Upper

94 100

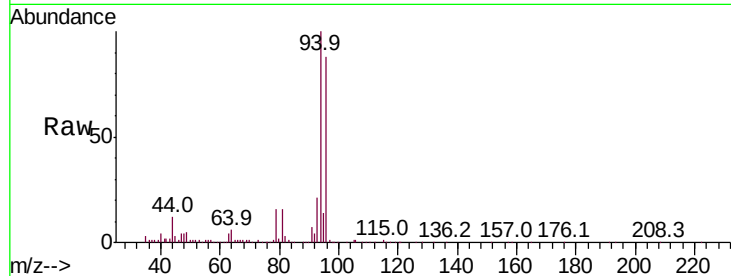
96 87.4 76.2 114.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

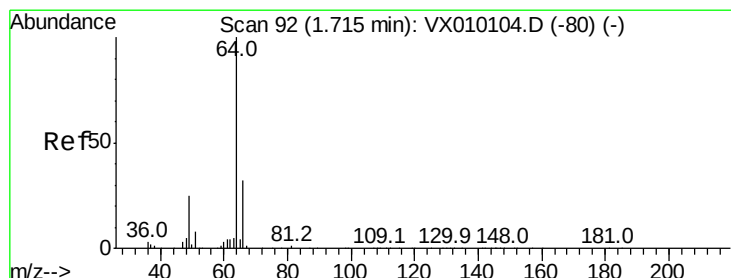
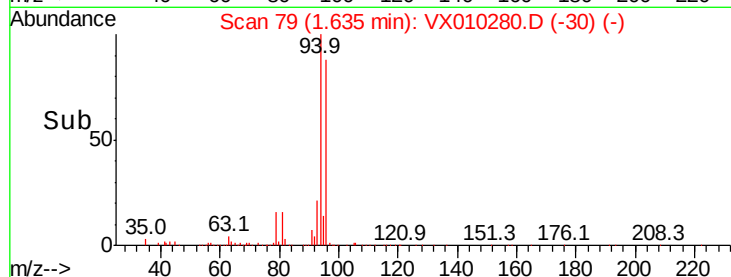
10000

5000

0

Time-->

1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 24.597 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010280.D

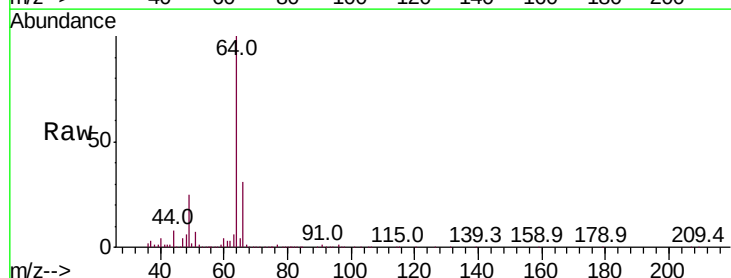
Acq: 13 Jun 2019 18:09

Tgt Ion: 64 Resp: 33871

Ion Ratio Lower Upper

64 100

66 32.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

30000

25000

20000

15000

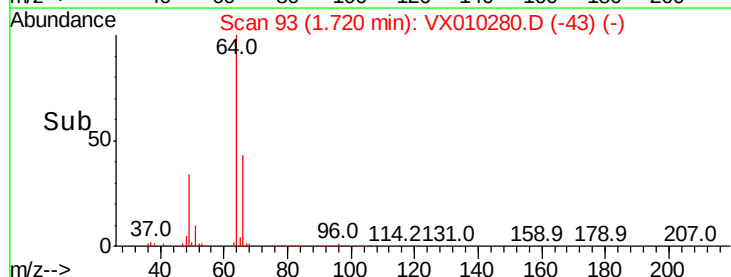
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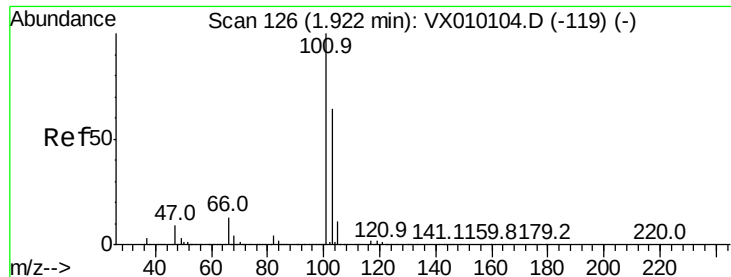
5000

0

Time-->

1.70 1.75 1.80





#7

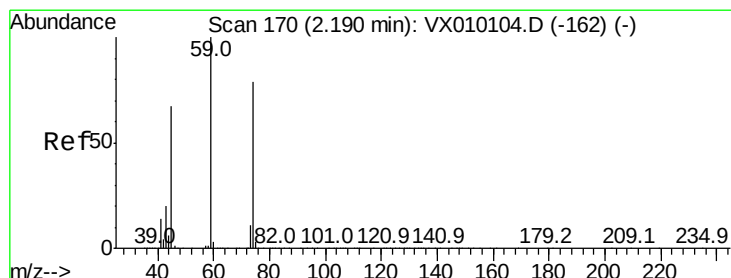
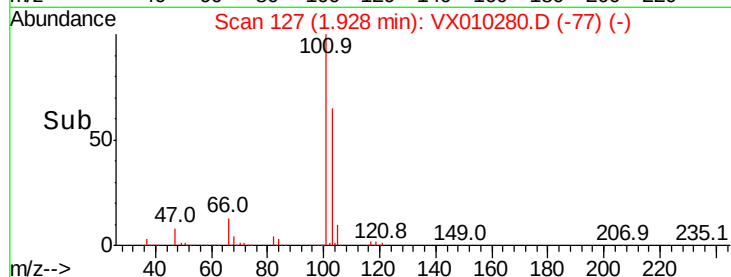
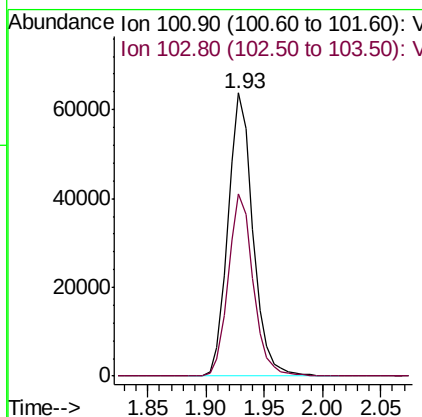
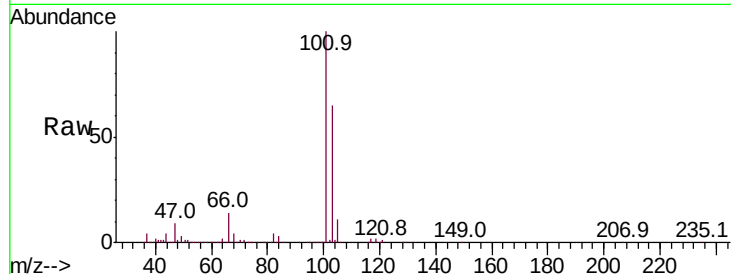
Trichlorofluoromethane
Concen: 23.392 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampled :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.2	78.4

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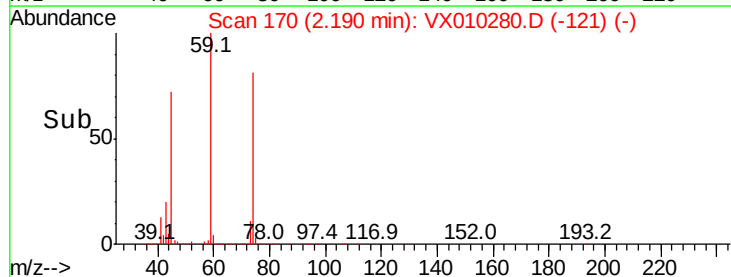
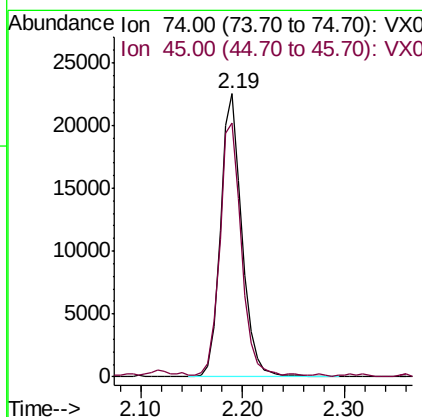
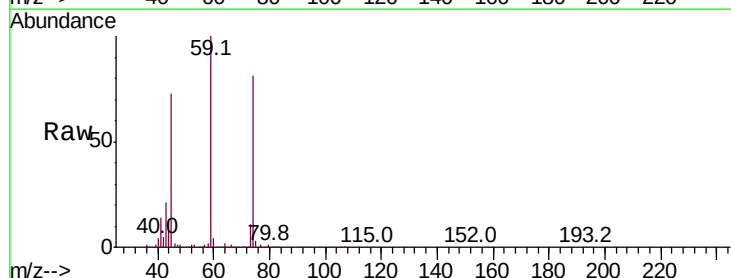
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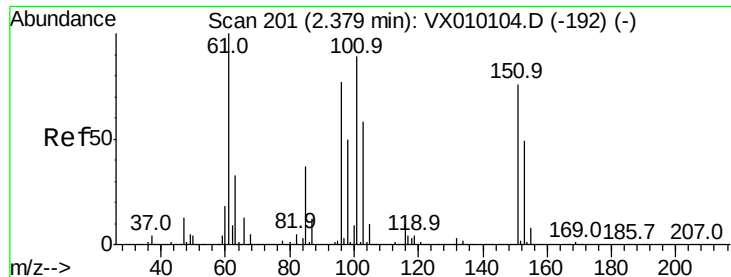


#8

Diethyl Ether
Concen: 23.559 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.7	56.1	168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.812 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

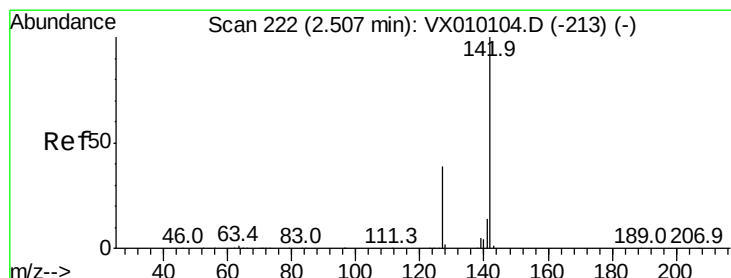
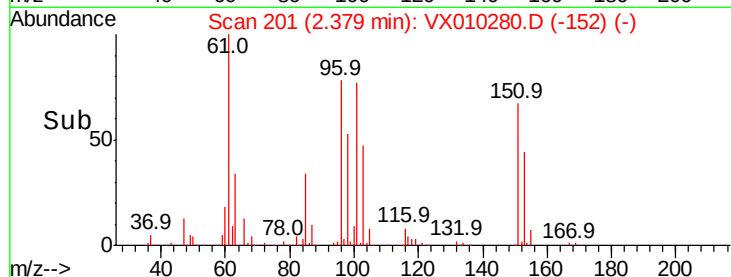
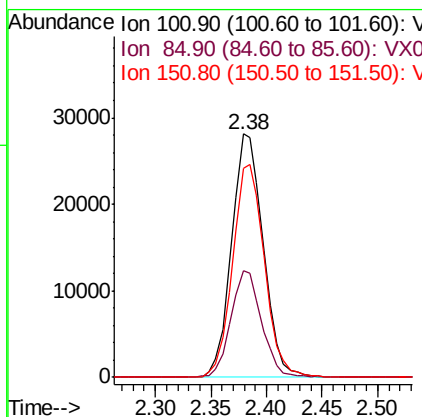
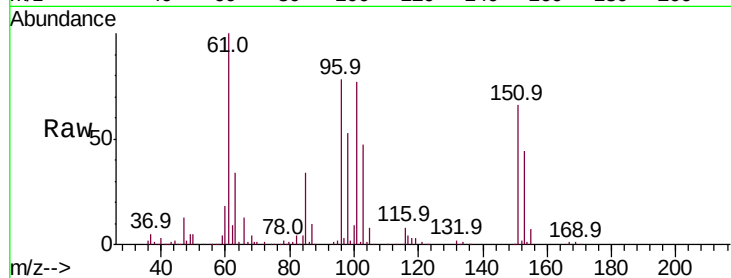
ClientSampleId :

VX0613WBSD01

Tot Ion:	101	Resp:	55406
Ion Ratio	Lower	Upper	
101	100		
85	42.6	35.2	52.8
151	87.7	61.9	92.9

Manual Integrations
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6/14/2019 9:17:46 AM



#10

Methyl Iodide

Concen: 11.635 ug/l

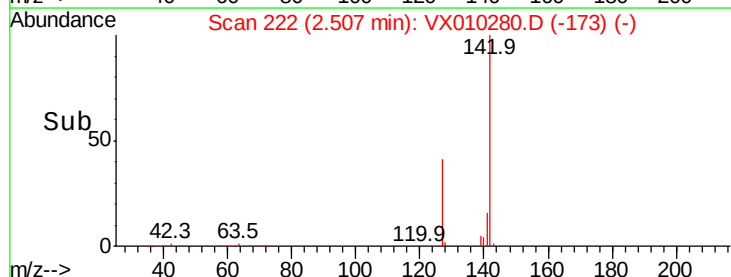
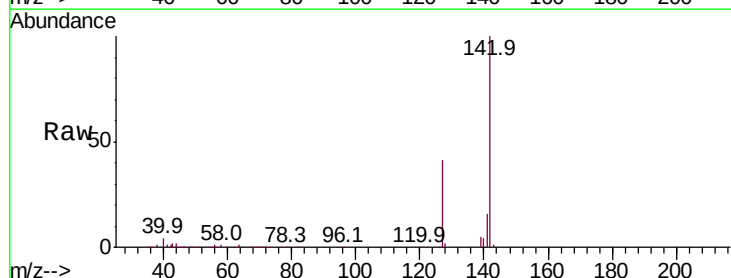
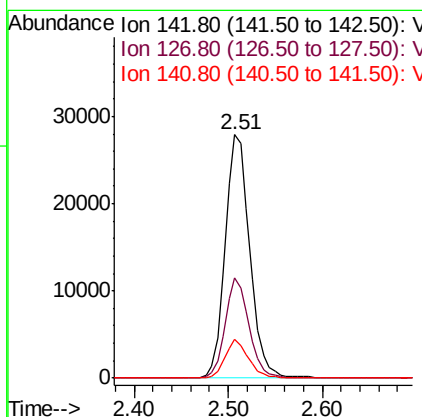
RT: 2.51 min Scan# 222

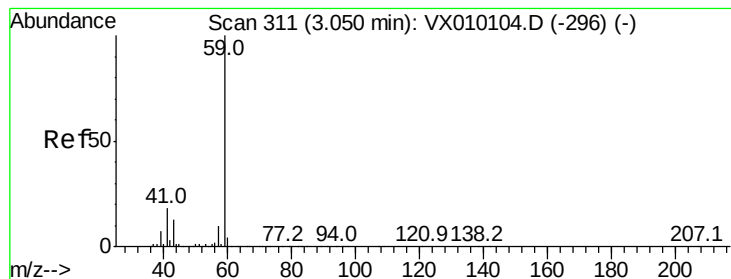
Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Tgt Ion:	142	Resp:	50413
Ion Ratio	Lower	Upper	
142	100		
127	39.7	33.0	49.4
141	14.9	11.4	17.0





#11

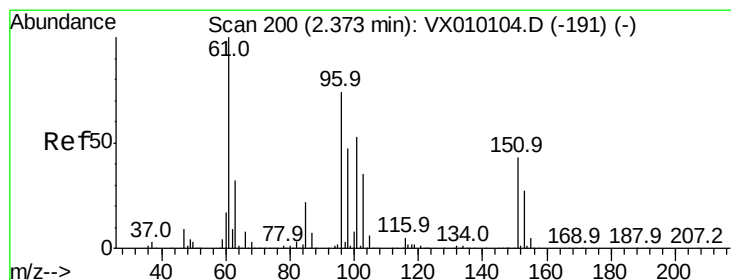
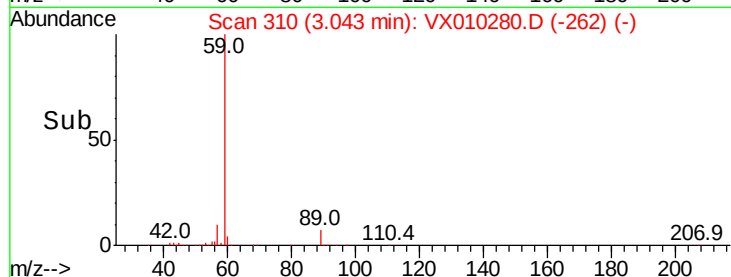
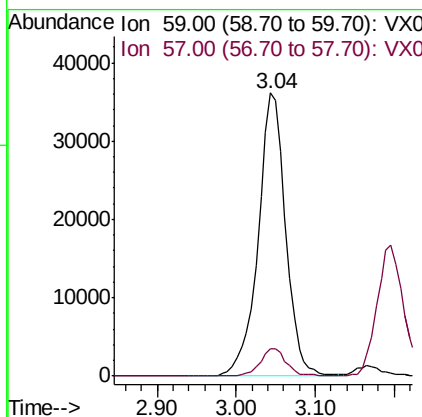
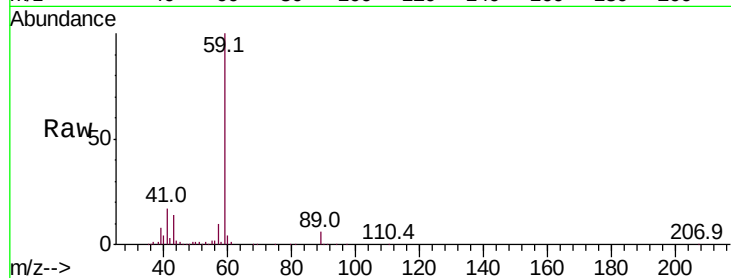
Tert butyl alcohol
Concen: 115.347 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.2	12.2

Manual Integrations
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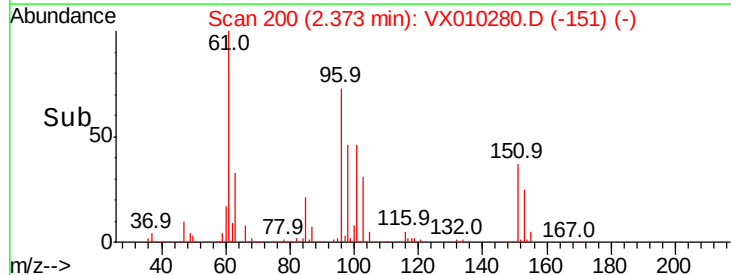
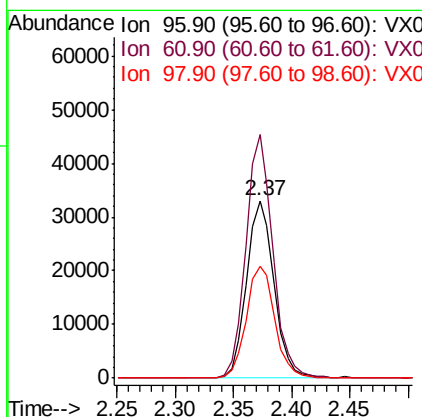
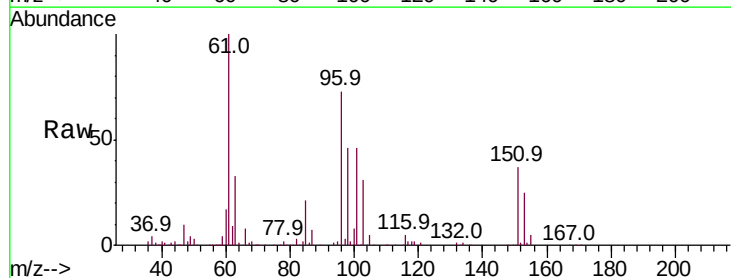
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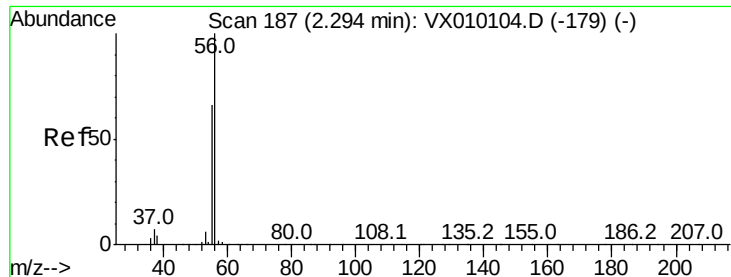


#12

1,1-Dichloroethene
Concen: 19.193 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.1	140.7	211.1#
98	63.2	50.1	75.1





#13

Acrolein

Concen: 77.500 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 56 Resp: 10746

Ion Ratio Lower Upper

56 100

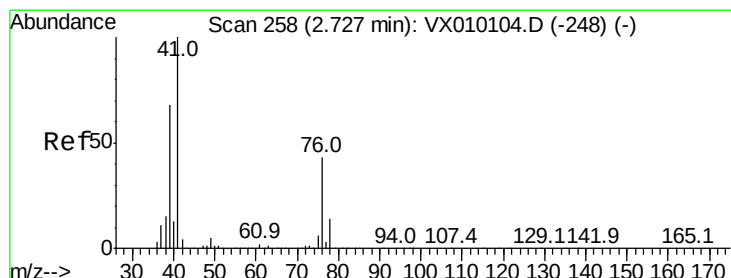
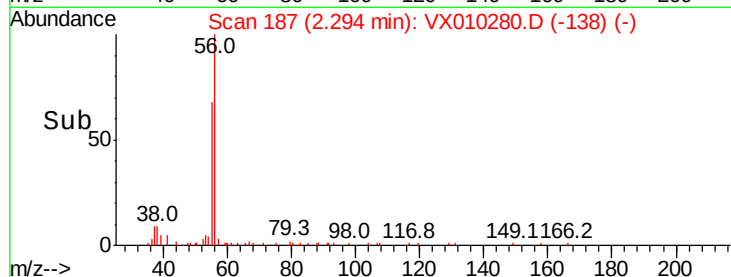
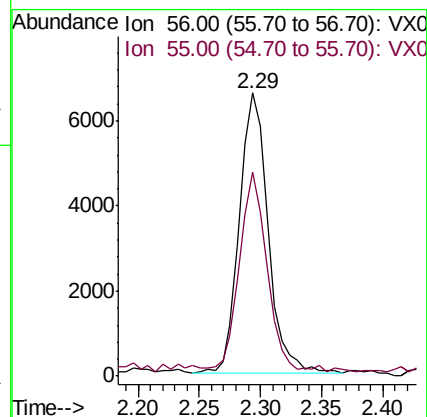
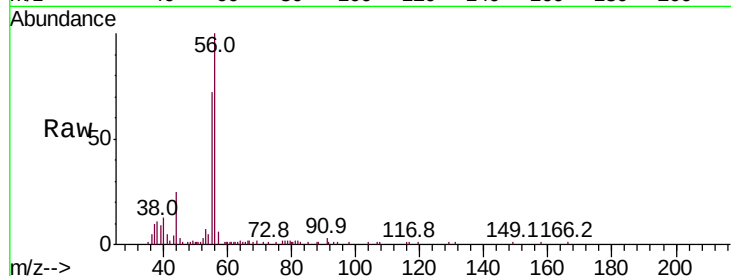
55 66.4 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 18.607 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

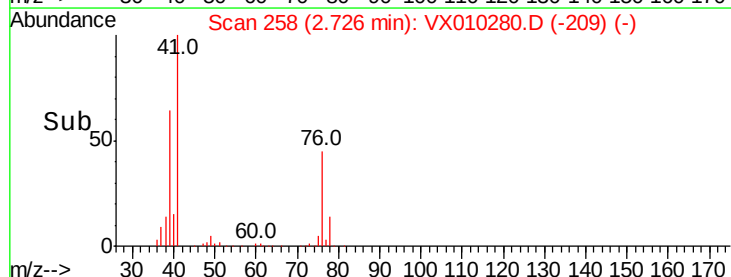
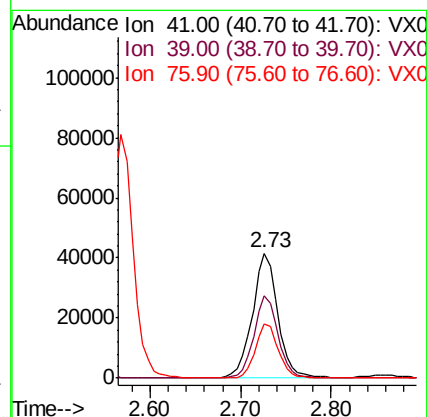
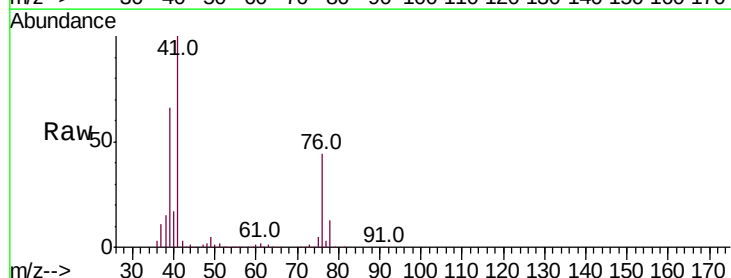
Tgt Ion: 41 Resp: 80230

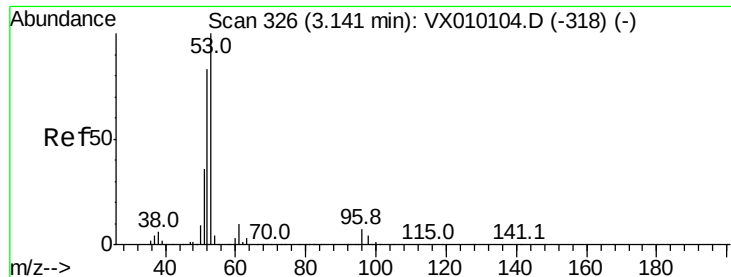
Ion Ratio Lower Upper

41 100

39 63.0 46.7 70.1

76 40.0 21.0 31.4#





#15

Acrylonitrile

Concen: 104.063 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

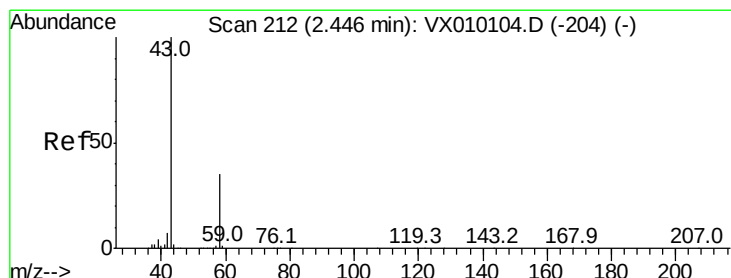
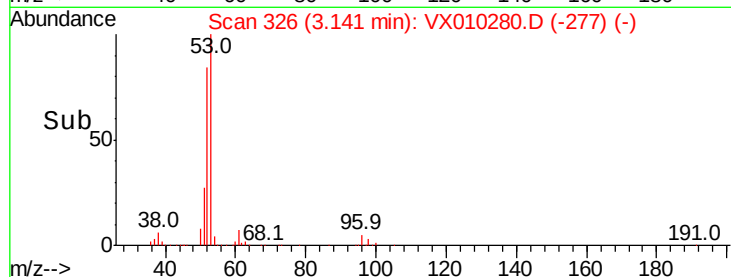
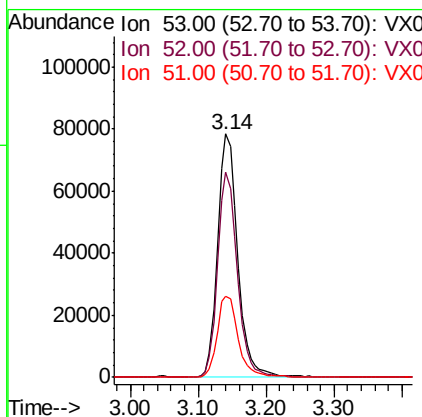
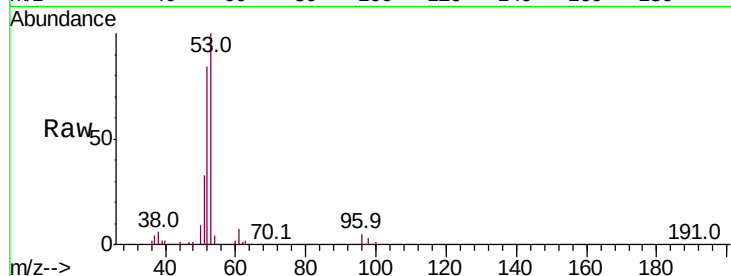
ClientSampleId :

VX0613WBSD01

Tot Ion:	53	Resp:	161746
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.7	100.1
51	34.7	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 101.934 ug/l

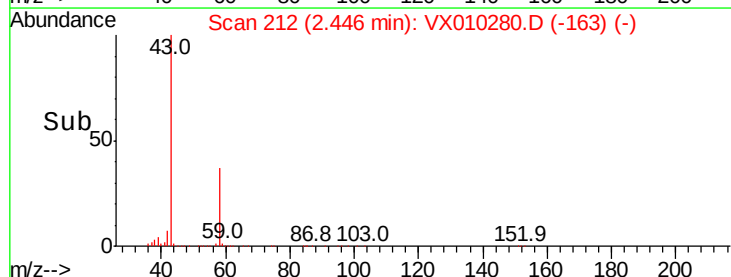
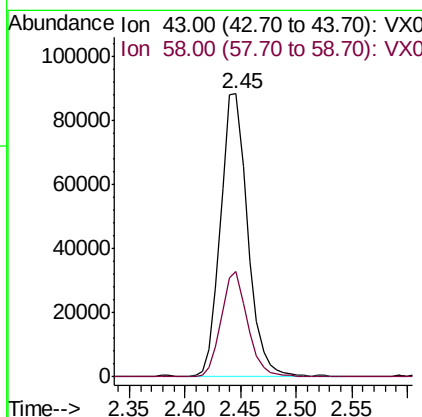
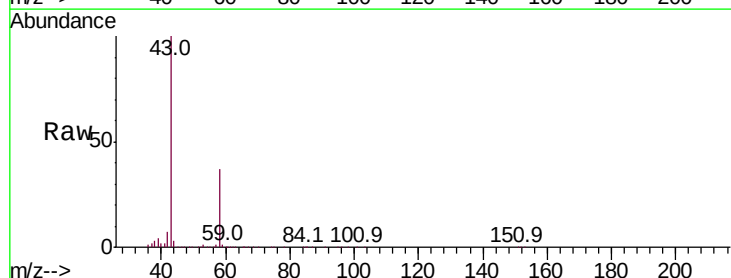
RT: 2.45 min Scan# 212

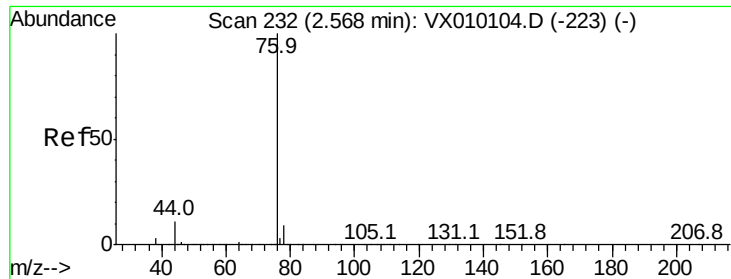
Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Tgt Ion:	43	Resp:	148825
Ion	Ratio	Lower	Upper
43	100		
58	37.3	23.2	34.8#





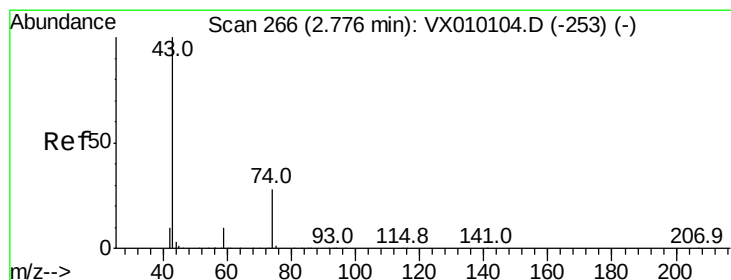
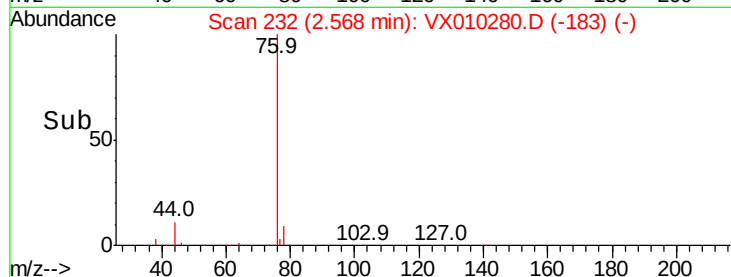
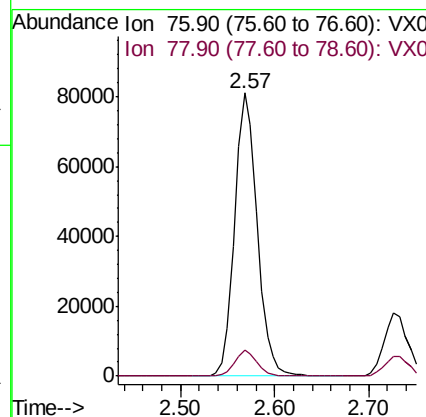
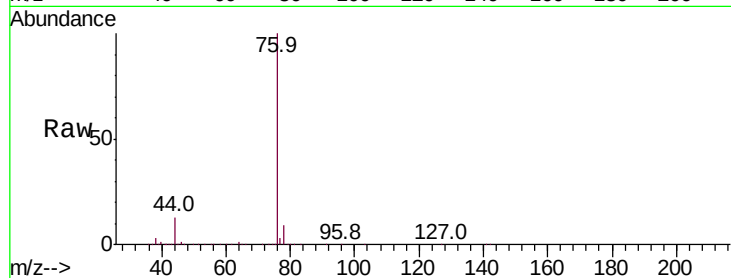
#17
Carbon Disulfide
Concen: 16.393 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

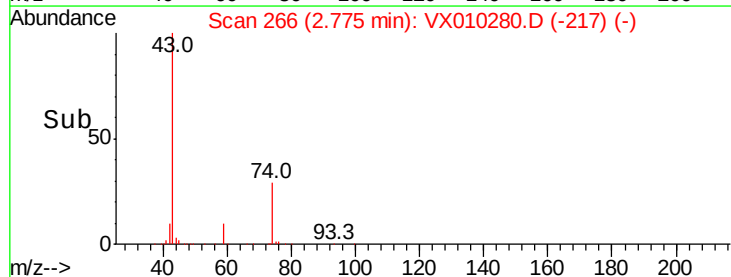
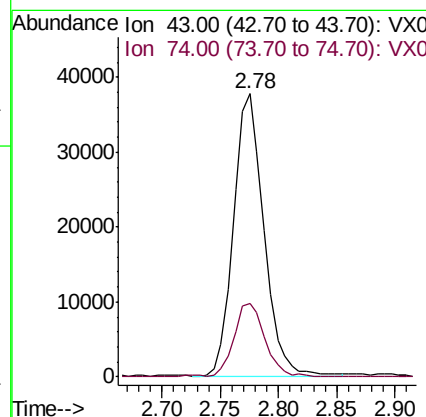
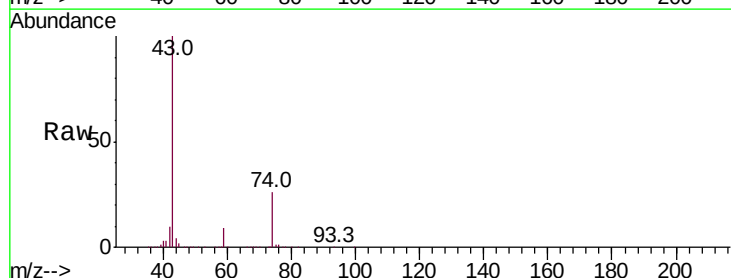
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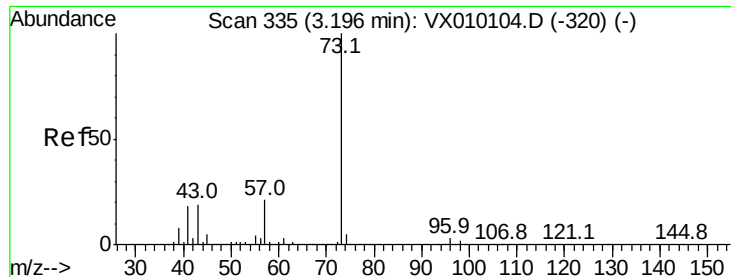
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#18
Methyl Acetate
Concen: 21.322 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.9	15.8	23.6#





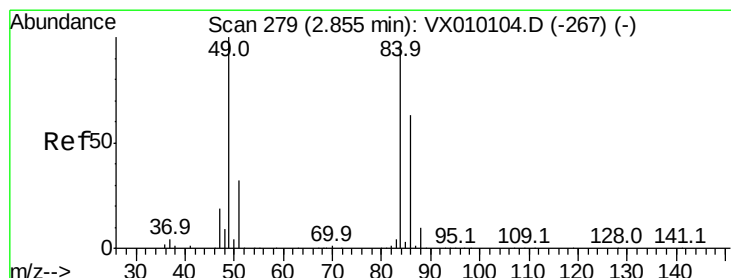
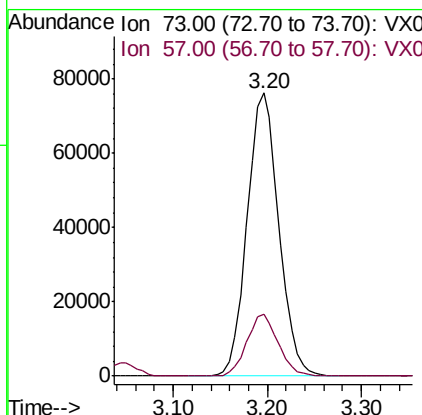
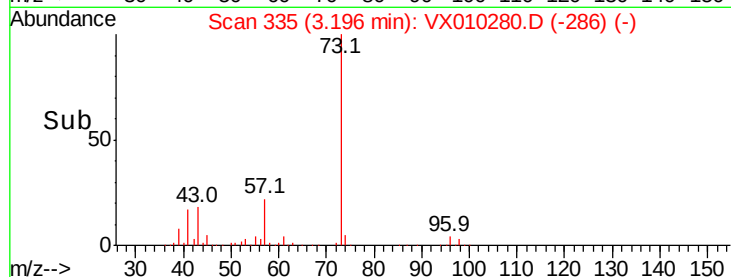
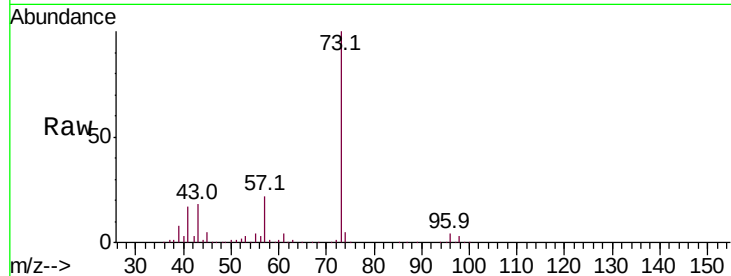
#19
Methyl tert-butyl Ether
Concen: 19.577 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	19.4	29.2

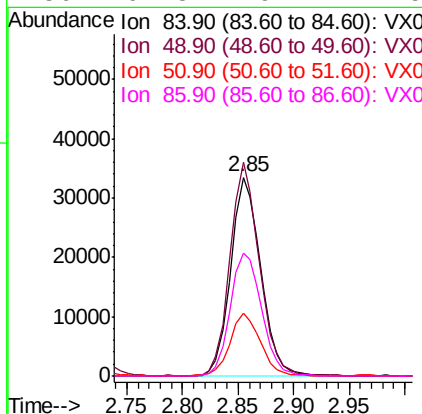
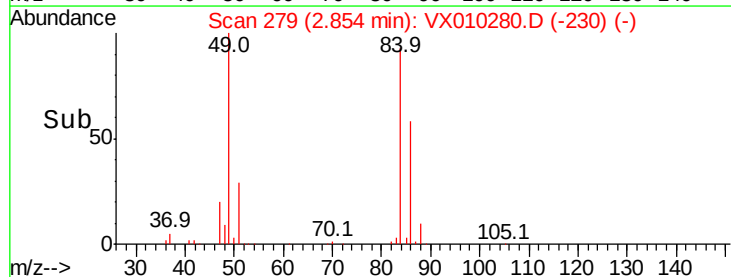
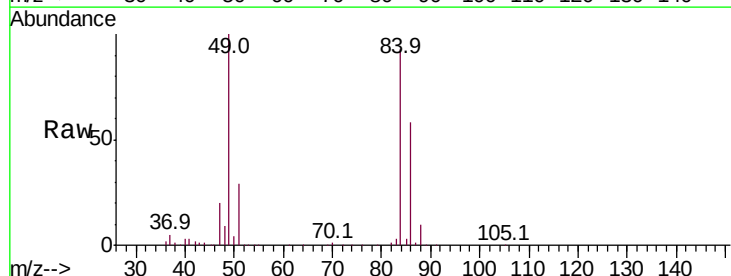
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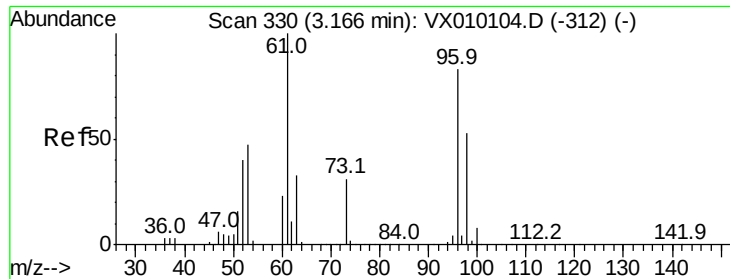
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#20
Methylene Chloride
Concen: 19.554 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.2	115.8	173.6#
51	31.3	34.4	51.6#
86	61.8	49.7	74.5





#21

trans-1,2-Dichloroethene

Concen: 18.282 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 96 Resp: 57792

Ion Ratio Lower Upper

96 100

61 113.5 125.7 188.5#

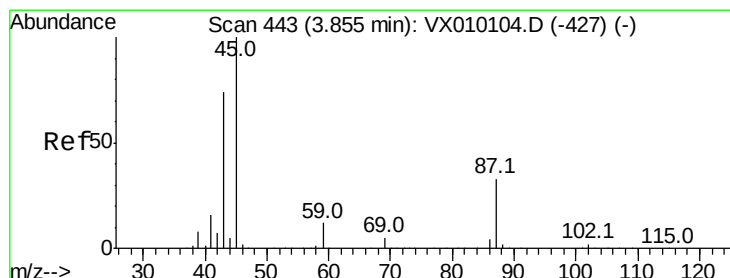
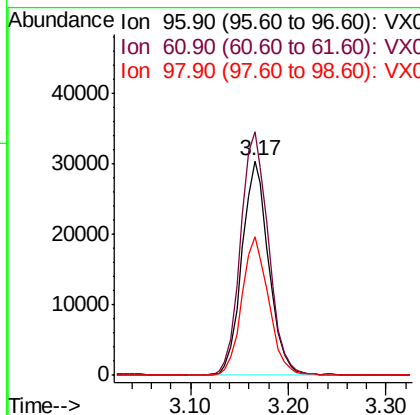
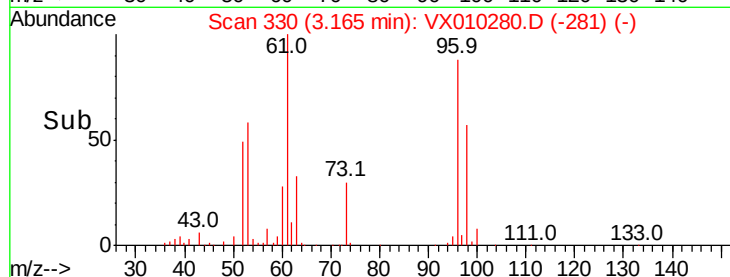
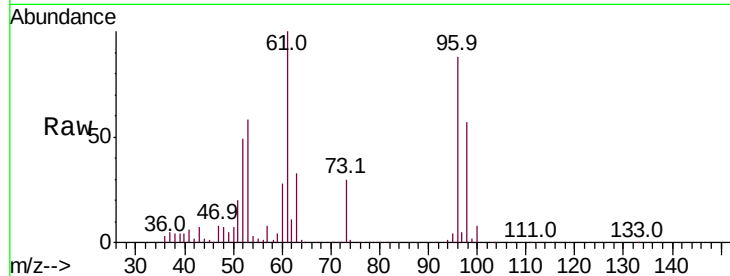
98 64.6 49.0 73.6

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#22

Diisopropyl ether

Concen: 20.123 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Tgt Ion: 45 Resp: 165885

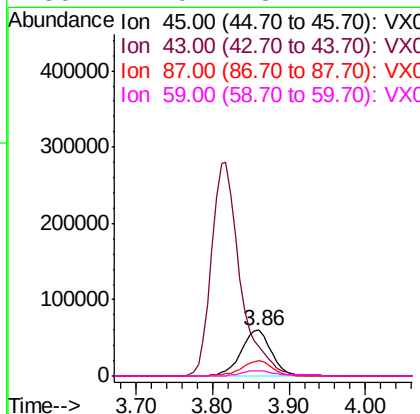
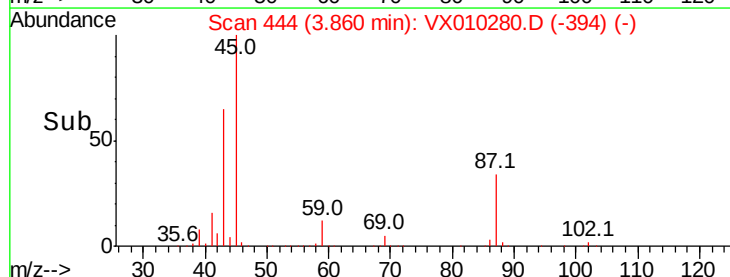
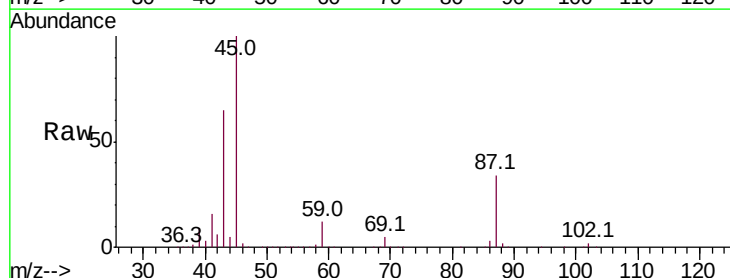
Ion Ratio Lower Upper

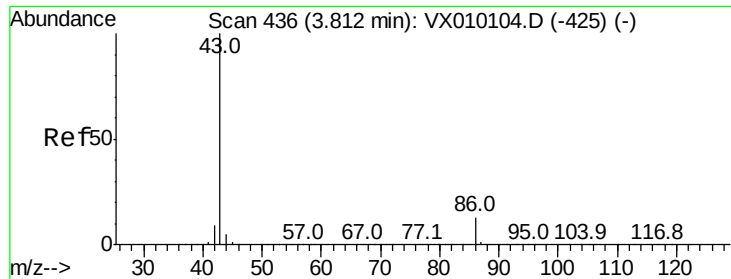
45 100

43 64.0 65.0 97.4#

87 34.2 17.3 25.9#

59 12.0 8.1 12.1





#23

Vinyl Acetate

Concen: 99.390 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 43 Resp: 730943

Ion Ratio Lower Upper

43 100

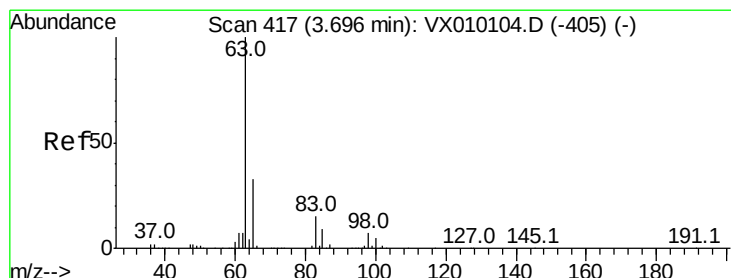
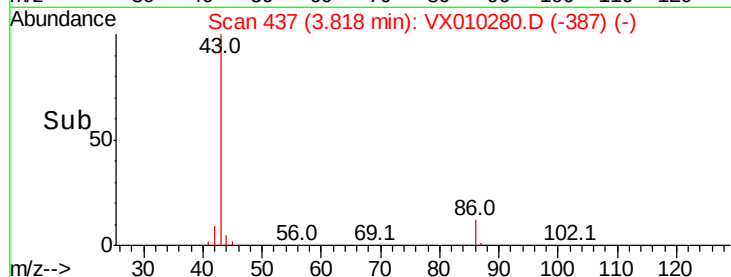
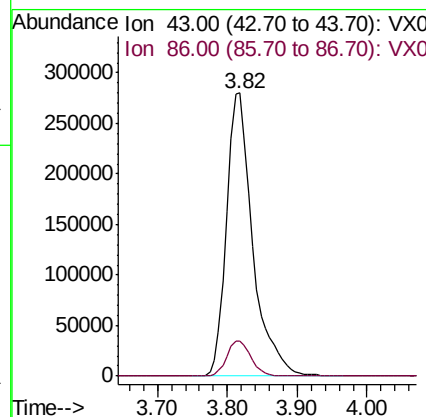
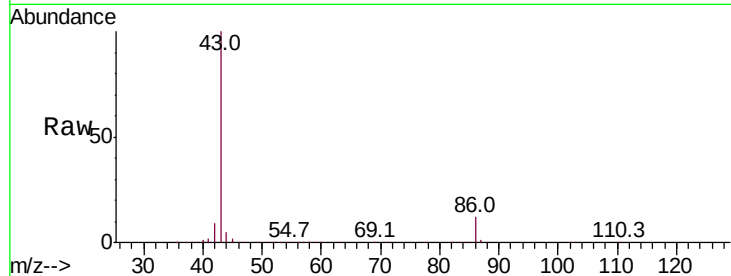
86 12.3 6.5 9.7#

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#24

1,1-Dichloroethane

Concen: 19.352 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

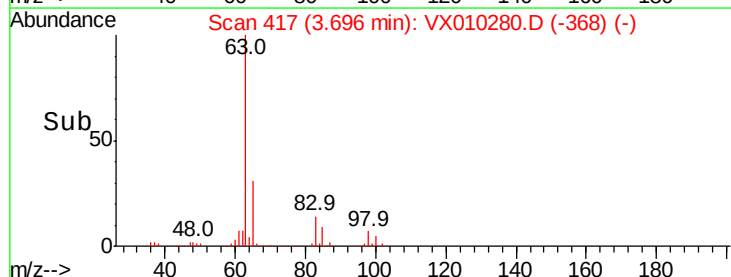
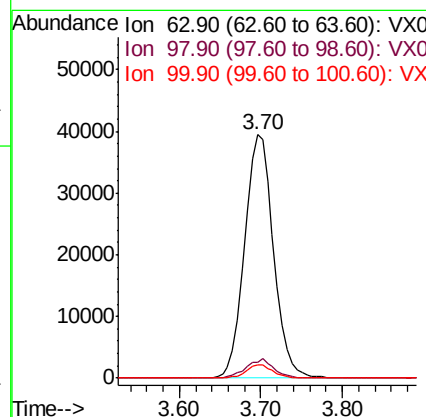
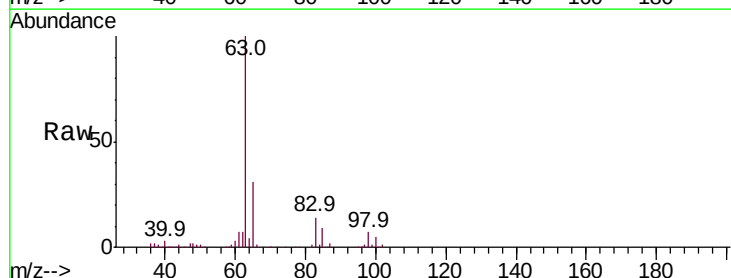
Tgt Ion: 63 Resp: 96864

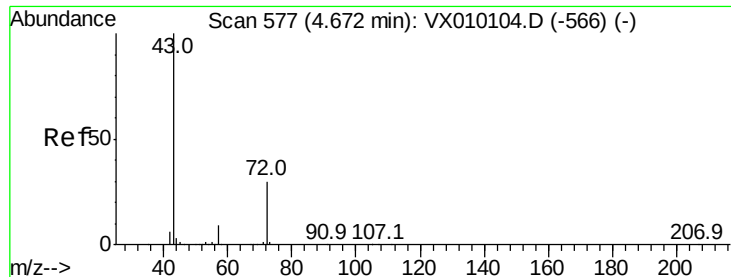
Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.8

100 5.5 1.8 5.4#





#25

2-Butanone

Concen: 104.317 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 43 Resp: 226796

Ion Ratio Lower Upper

43 100

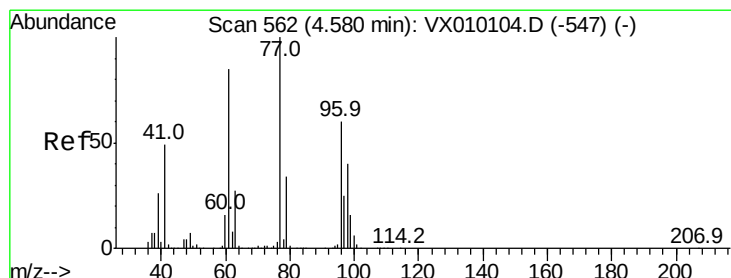
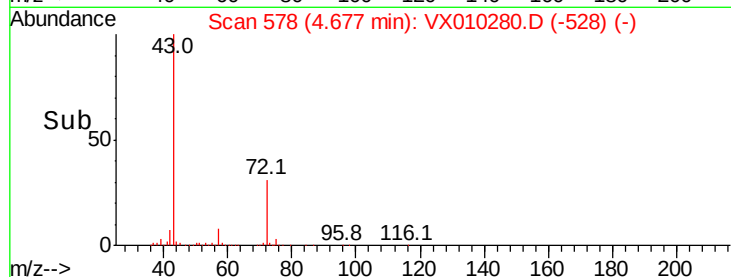
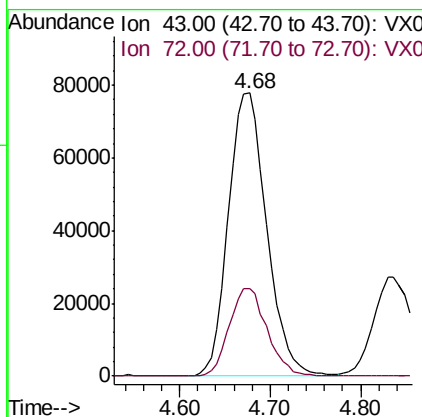
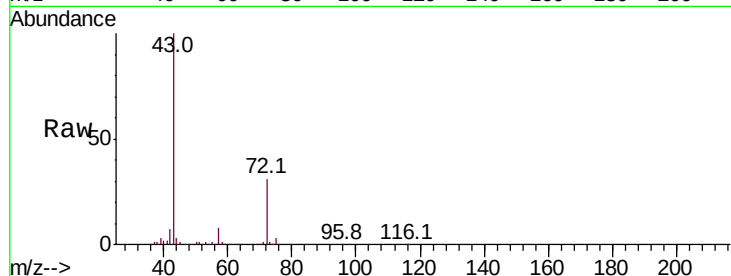
72 30.7 17.5 26.3#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.473 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010280.D

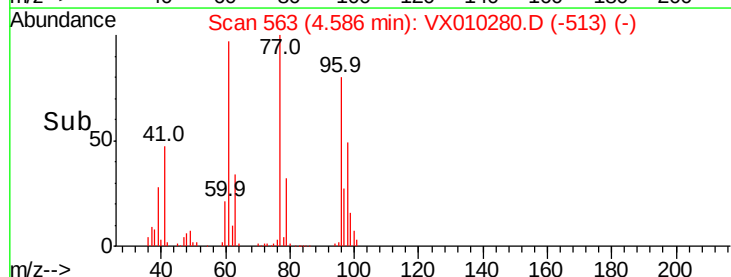
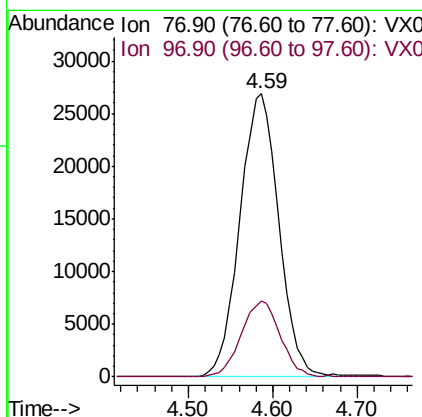
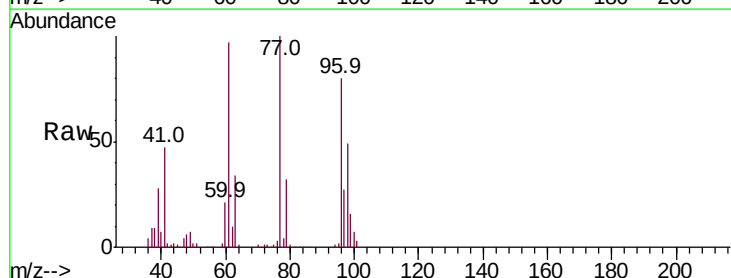
Acq: 13 Jun 2019 18:09

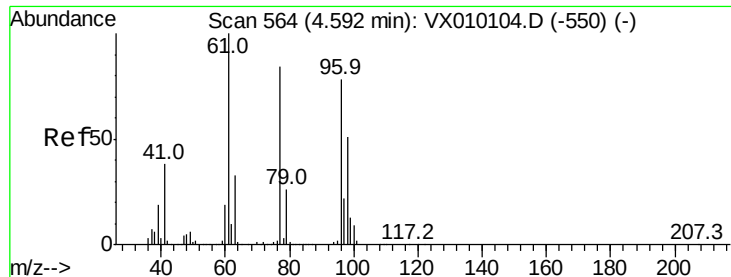
Tgt Ion: 77 Resp: 84354

Ion Ratio Lower Upper

77 100

97 26.9 11.4 34.2





#27

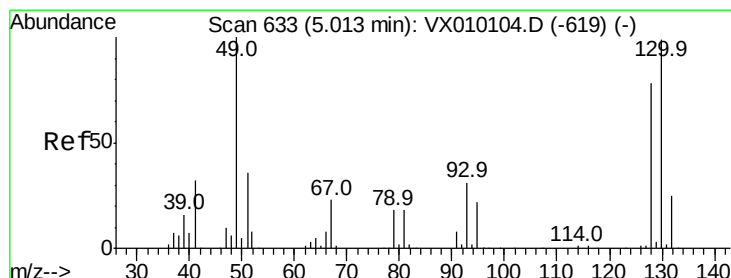
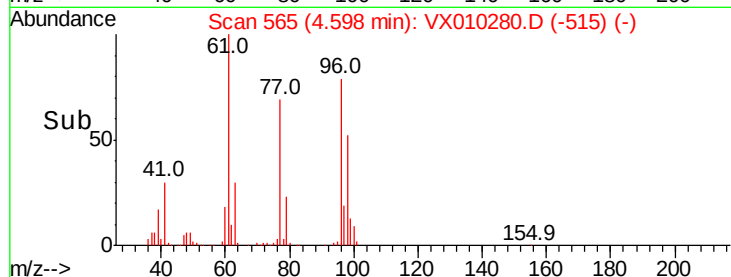
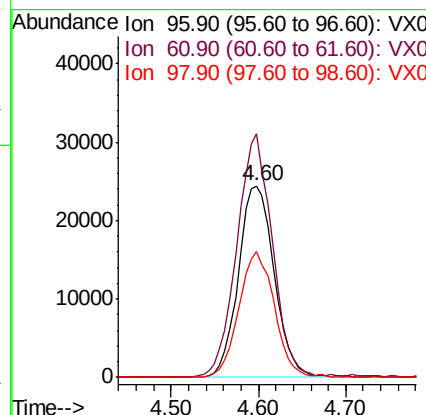
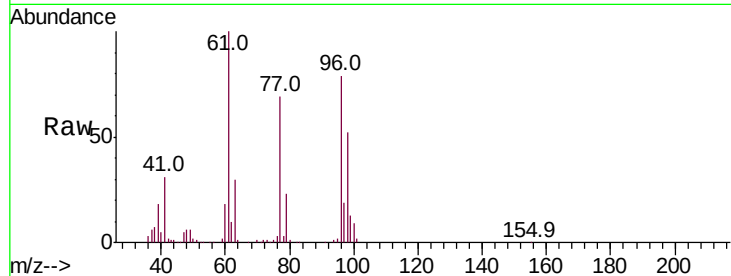
cis-1,2-Dichloroethene
Concen: 19.834 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.6	0.0	334.0
98	64.7	0.0	131.6

Manual Integrations
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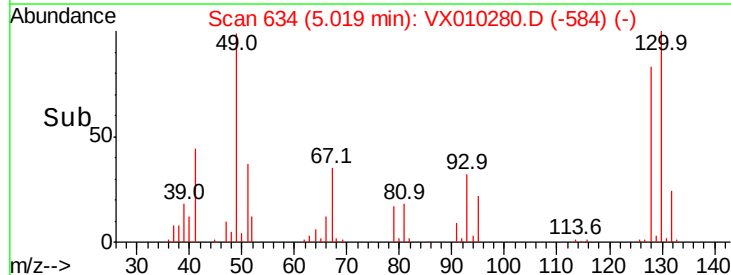
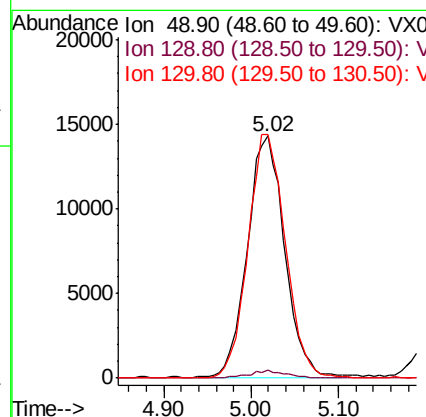
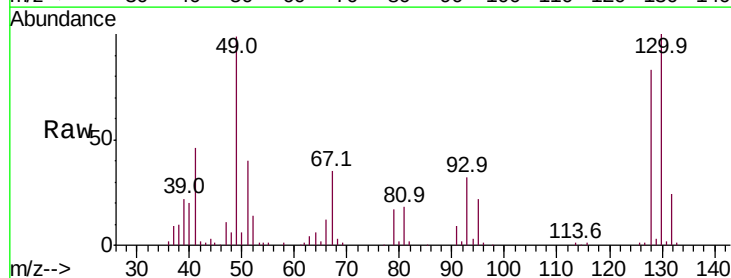
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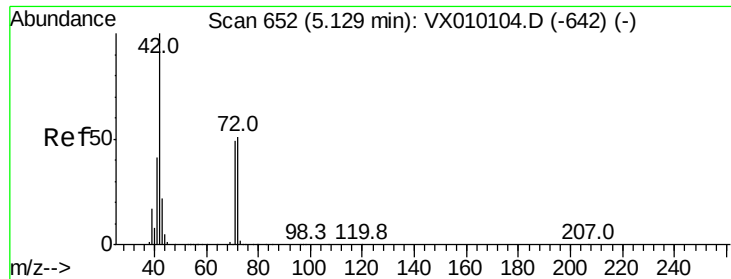


#28

Bromochloromethane
Concen: 18.991 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	3.4
130	100.6	49.4	74.2#





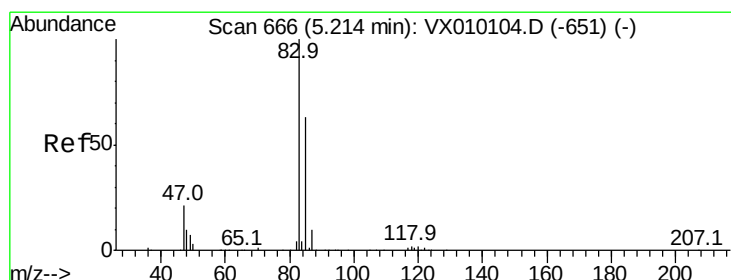
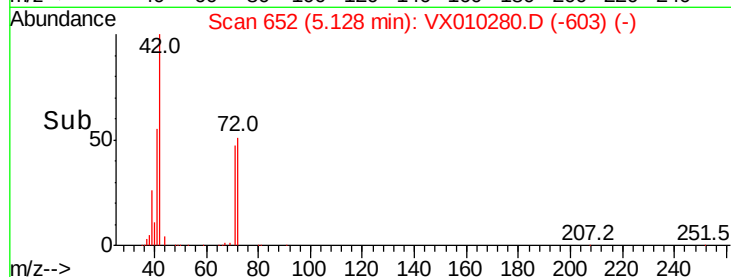
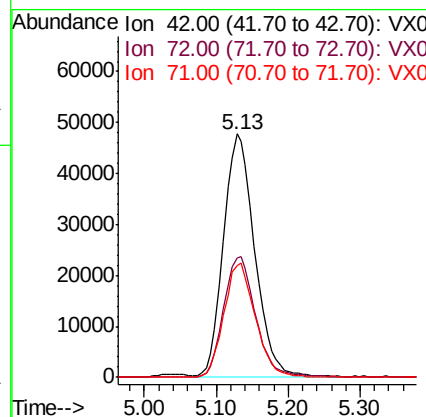
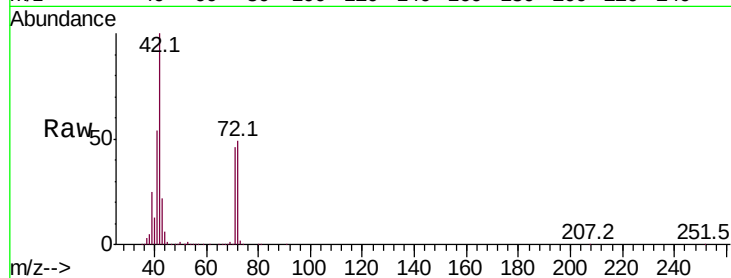
#29
Tetrahydrofuran
Concen: 104.722 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.4	29.2	43.8#
71	47.4	27.6	41.4#

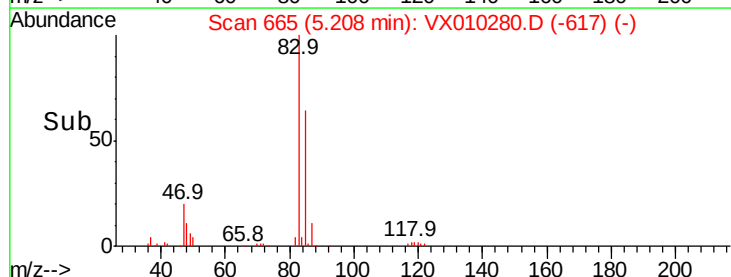
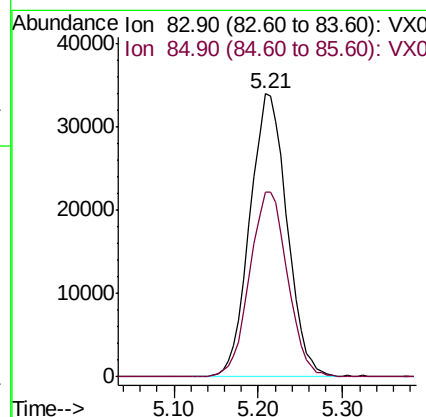
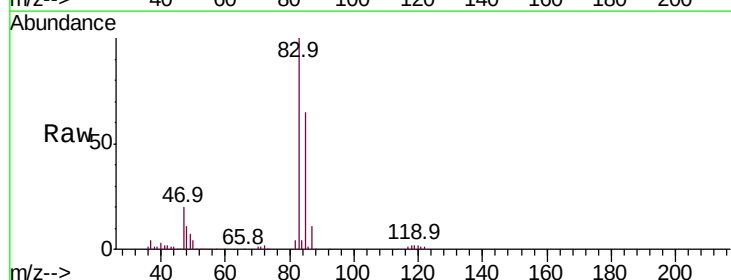
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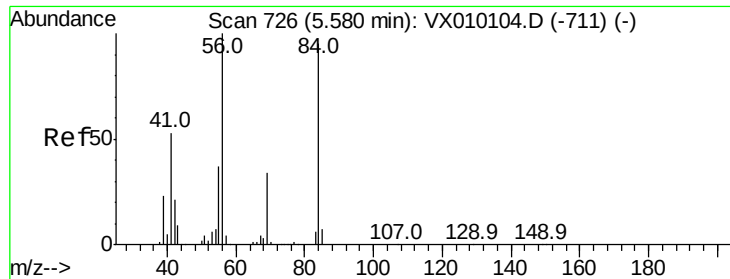
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#30
Chloroform
Concen: 19.580 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.6	78.8





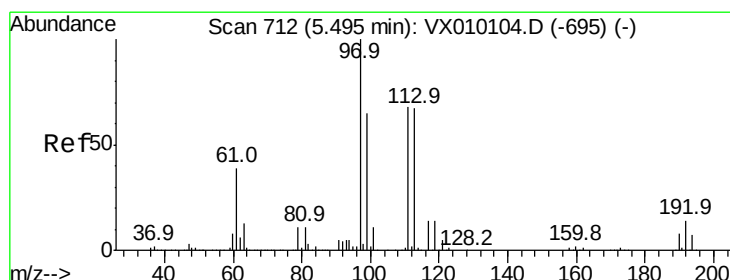
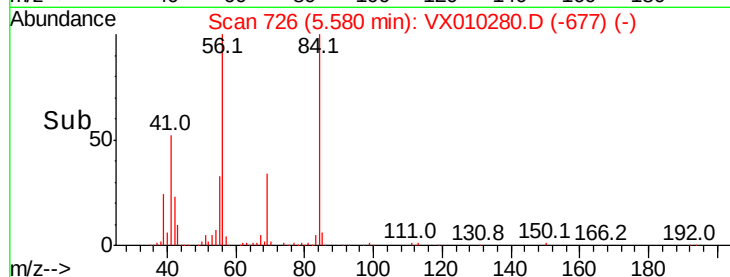
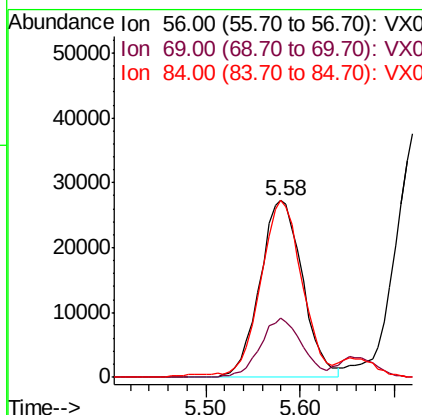
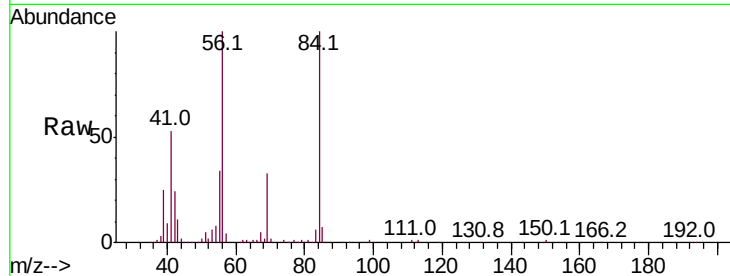
#31
Cyclohexane
Concen: 19.145 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.2	21.6	32.4#
84	97.7	56.8	85.2#

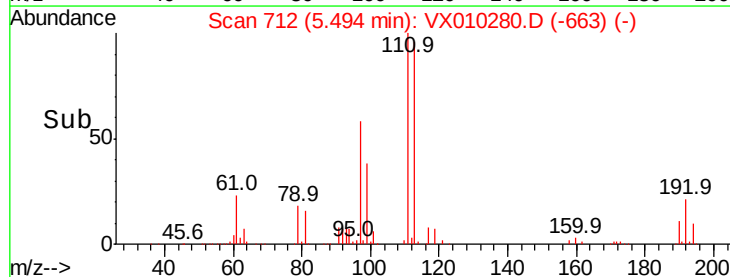
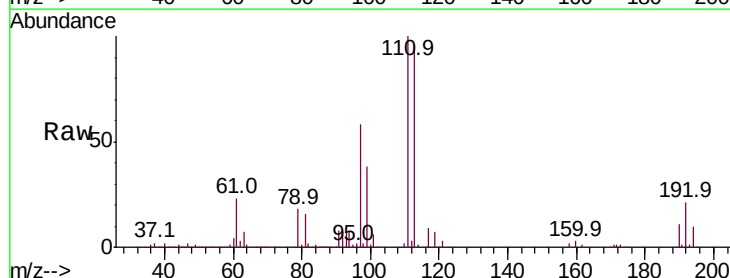
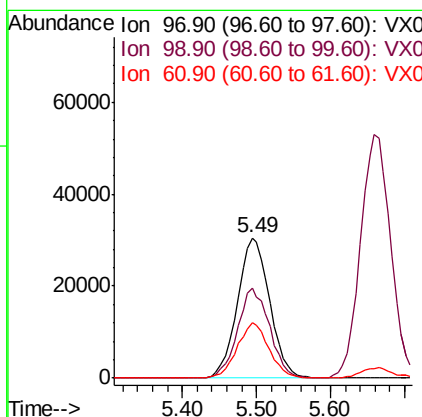
Manual Integrations
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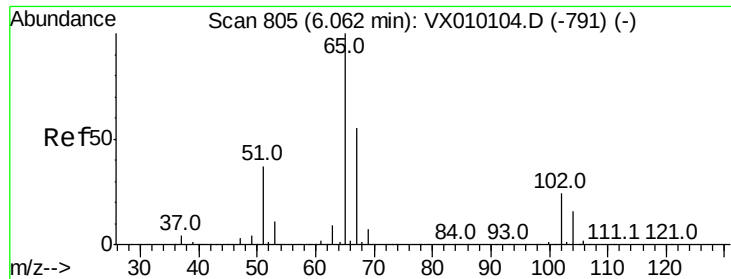
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6/14/2019 9:17:46 AM



#32
1,1,1-Trichloroethane
Concen: 18.877 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.4
61	38.9	38.7	58.1





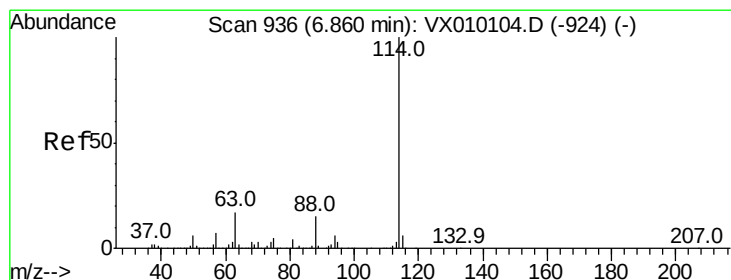
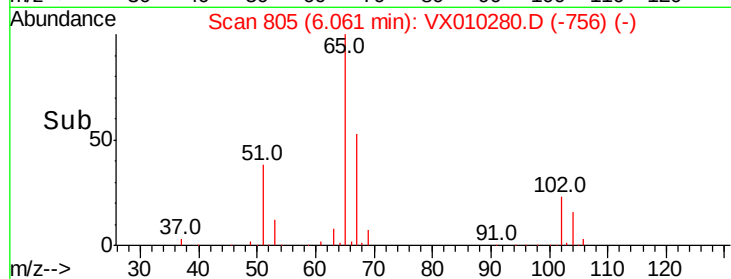
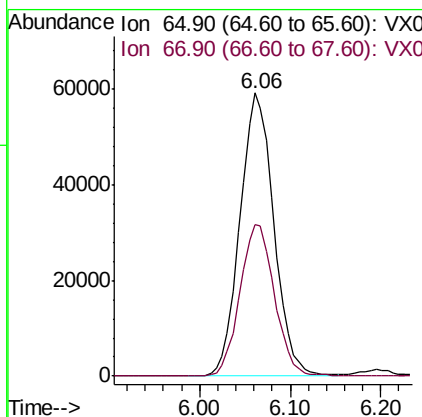
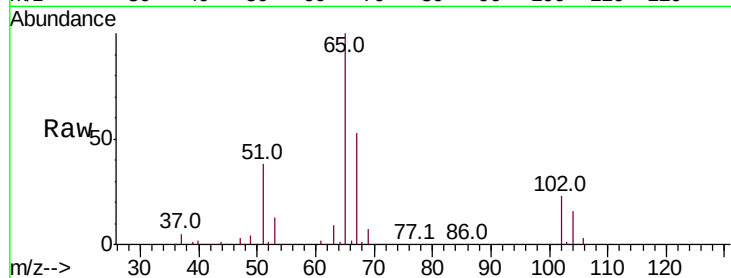
#33
 1,2-Dichloroethane-d4
 Concen: 49.386 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010280.D
 Acq: 13 Jun 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	108.4

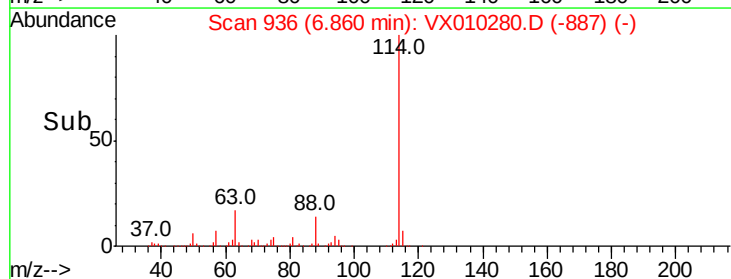
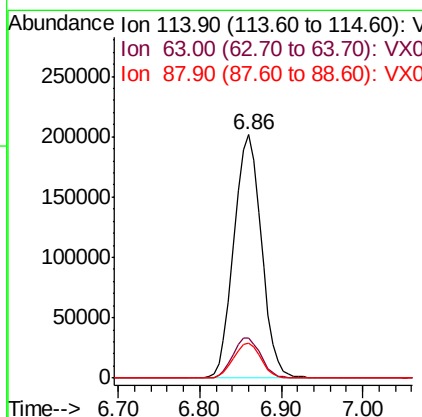
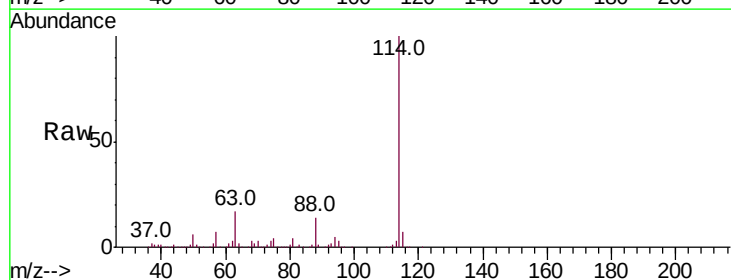
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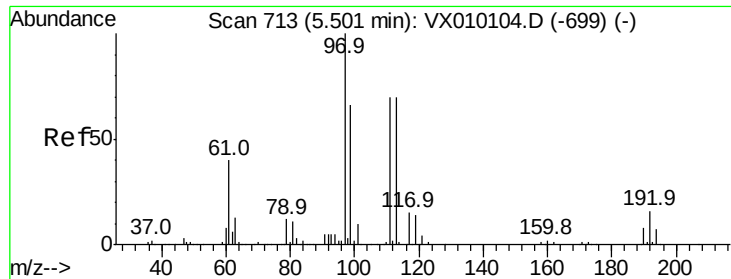
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010280.D
 Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	47.4
88	14.2	0.0	33.0





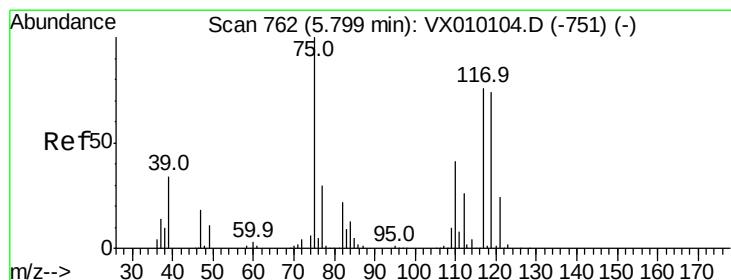
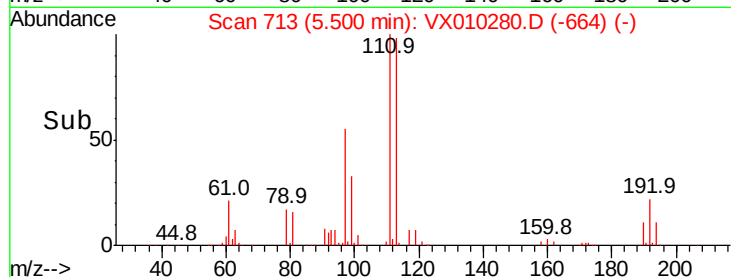
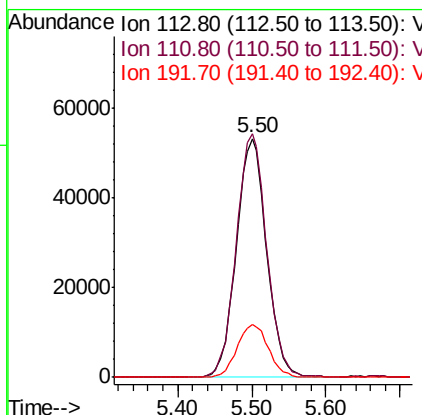
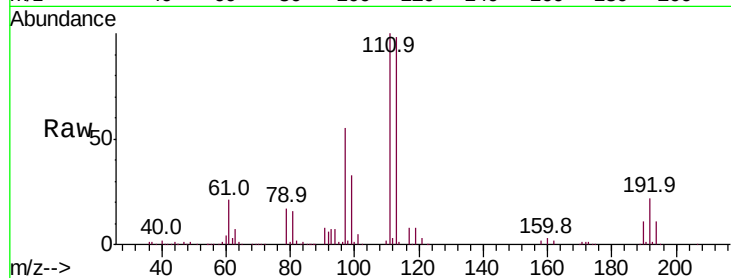
#35
Dibromofluoromethane
Concen: 52.216 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	151394		
111	102.6	82.2	123.2	
192	22.9	17.1	25.7	

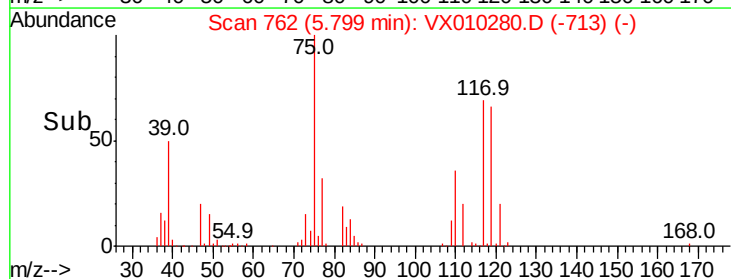
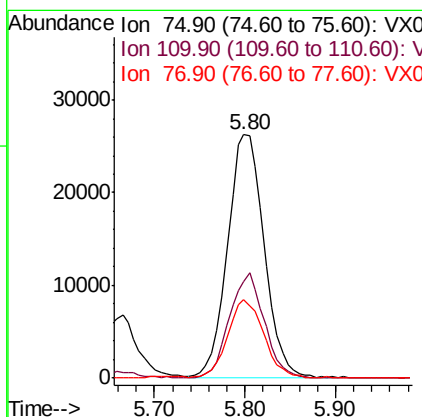
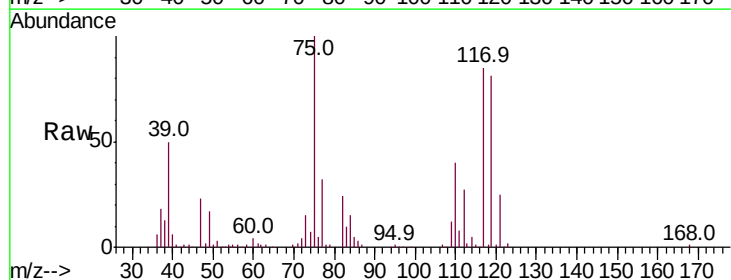
Manual Integrations
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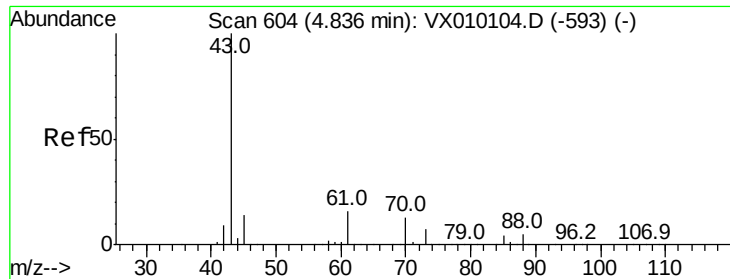
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#36
1,1-Dichloropropene
Concen: 19.018 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	72930		
110	41.5	16.7	50.1	
77	31.6	25.0	37.4	





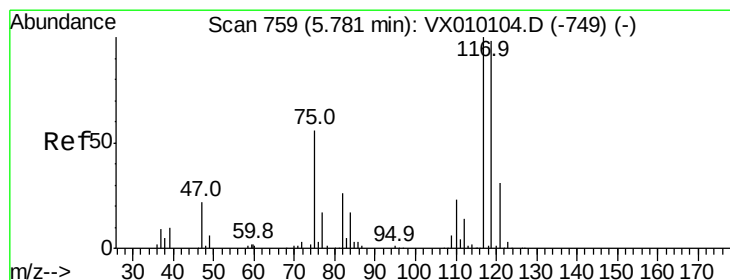
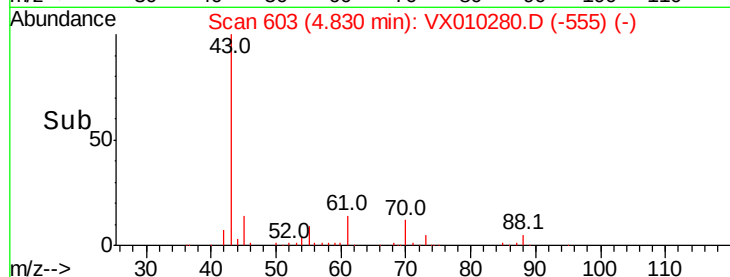
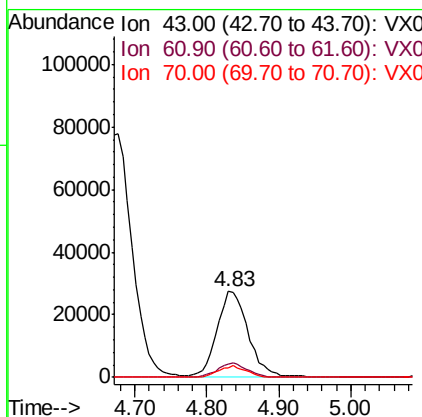
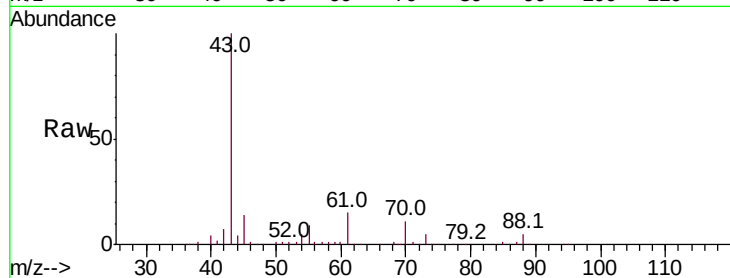
#37
Ethyl Acetate
Concen: 20.531 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	10.2	15.2#
70	12.5	7.4	11.2#

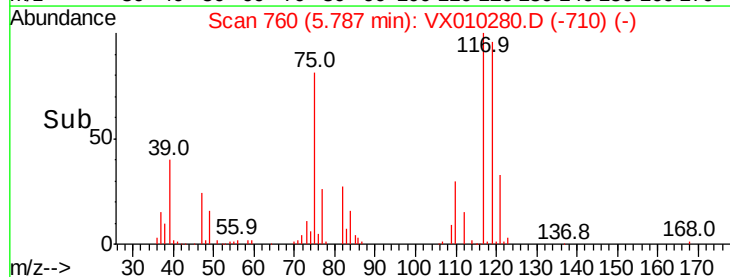
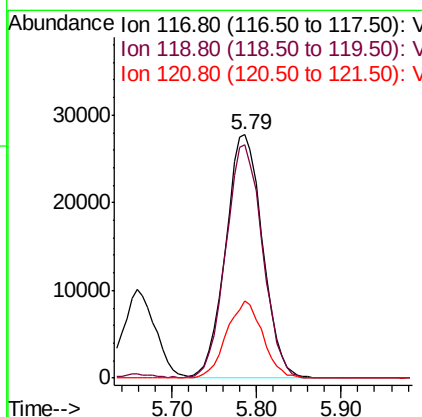
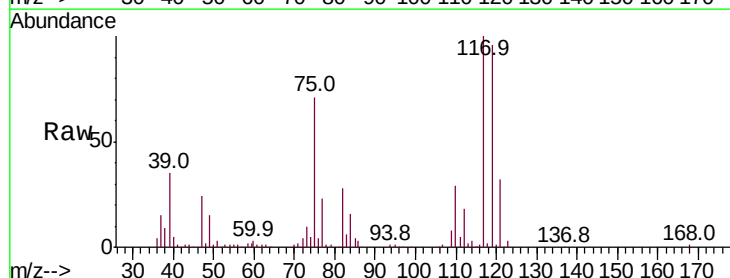
Manual Integrations
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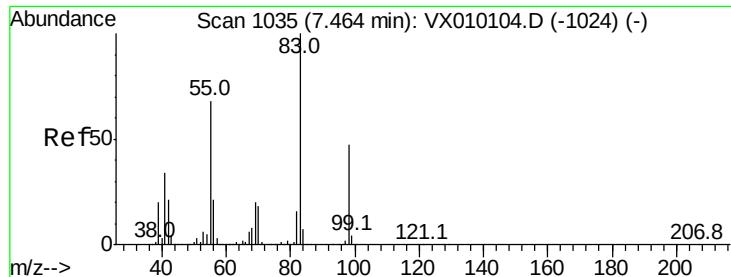
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#38
Carbon Tetrachloride
Concen: 19.031 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.3	115.9
121	32.0	25.4	38.0





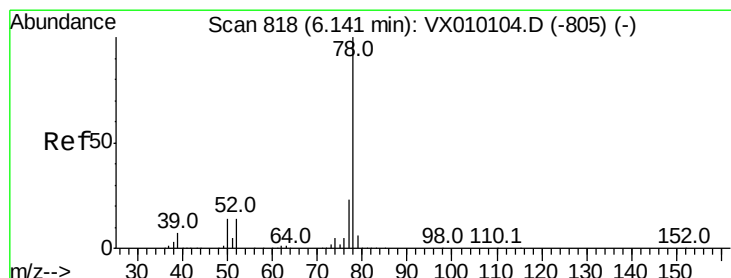
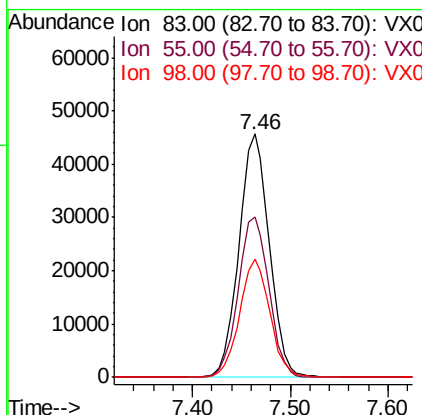
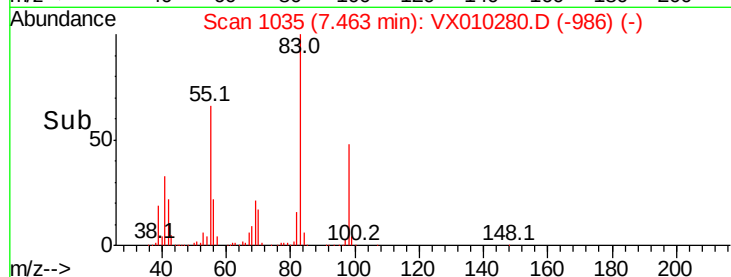
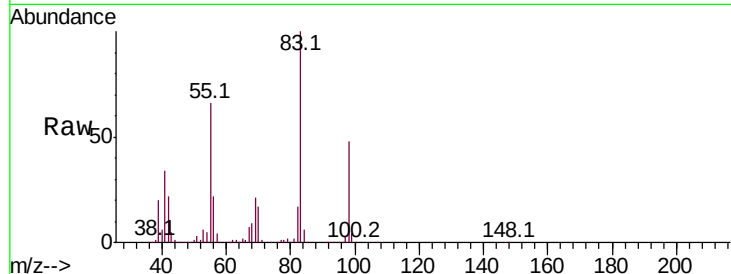
#39
Methylvlcyclohexane
Concen: 18.796 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.7	69.9	104.9#
98	48.4	35.1	52.7

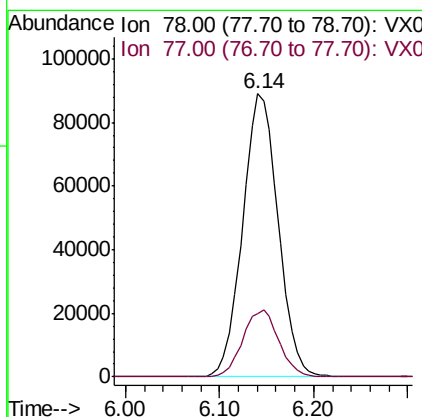
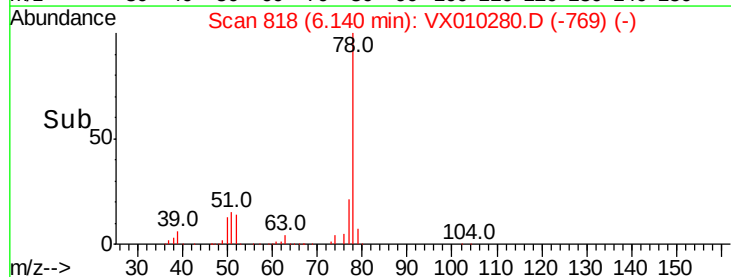
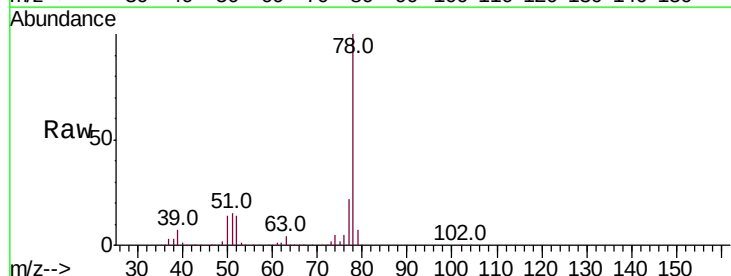
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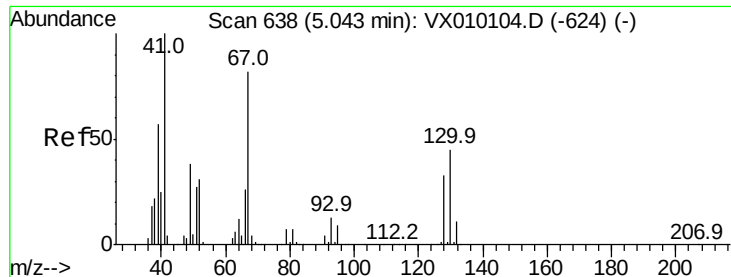
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#40
Benzene
Concen: 19.835 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.2	28.8





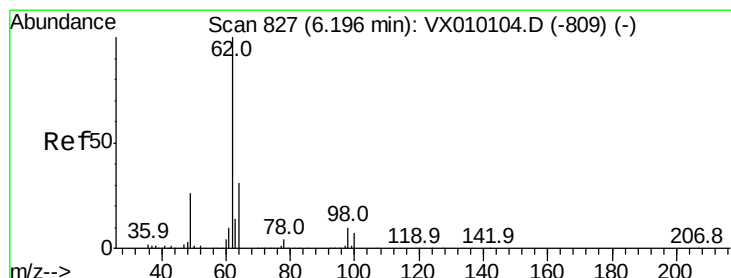
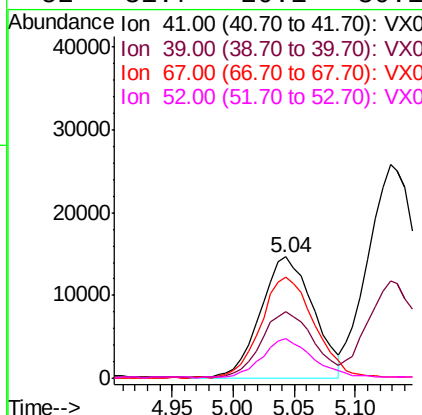
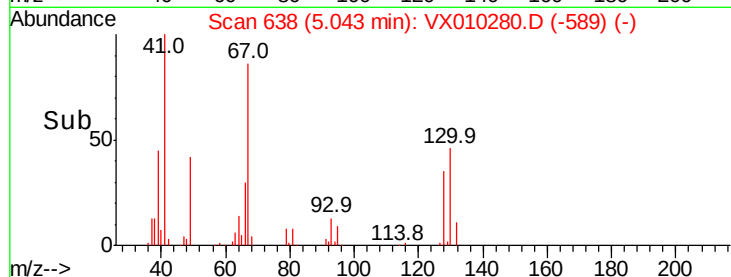
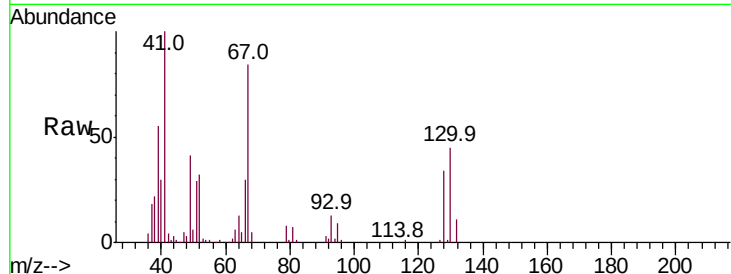
#41
Methacrylonitrile
Concen: 20.310 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.1	42.2	63.4	
67	86.7	48.9	73.3	
52	31.7	20.1	30.1	

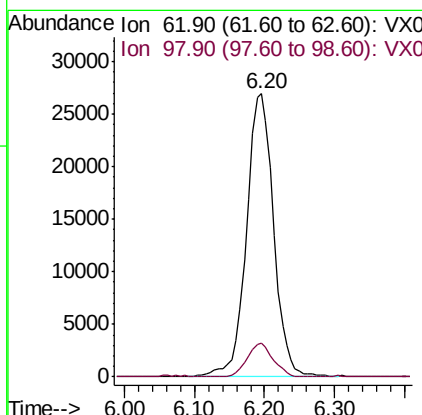
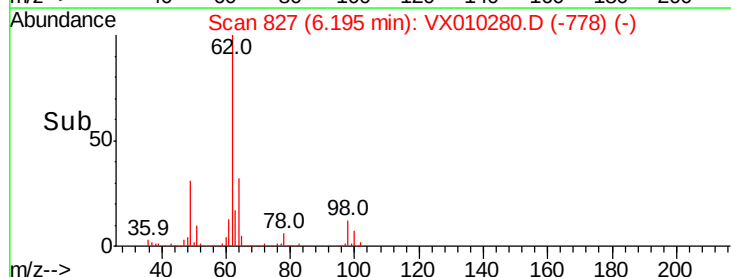
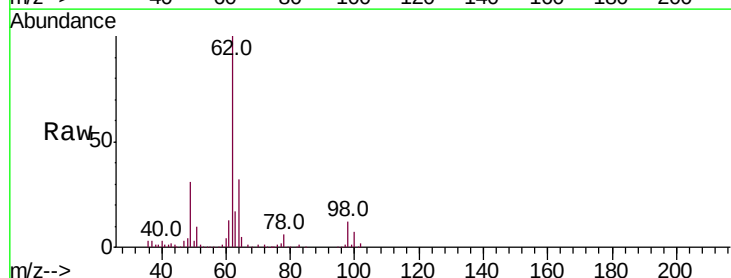
Manual Integrations
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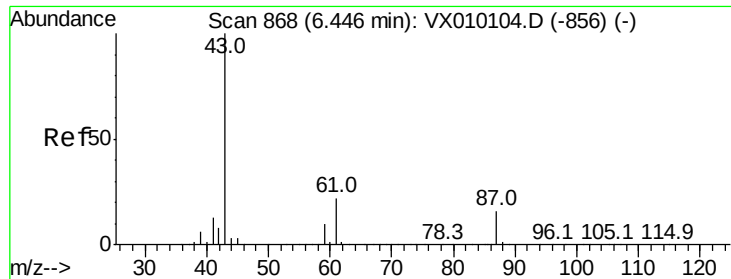
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#42
1,2-Dichloroethane
Concen: 19.238 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.4	0.0	17.2	





#43

Isopropyl Acetate

Concen: 20.144 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

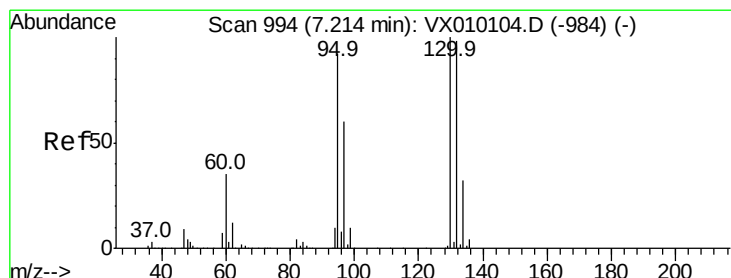
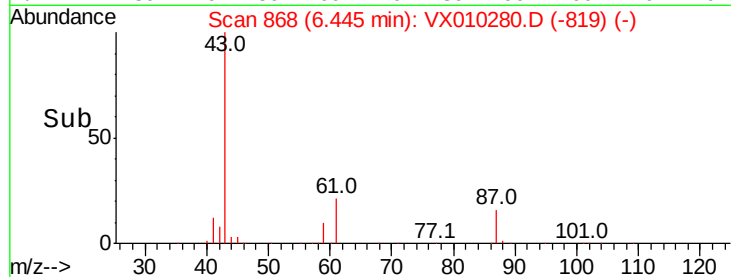
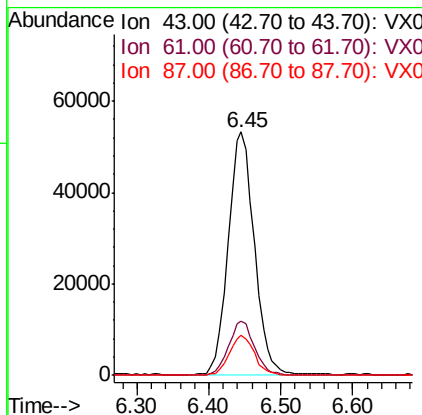
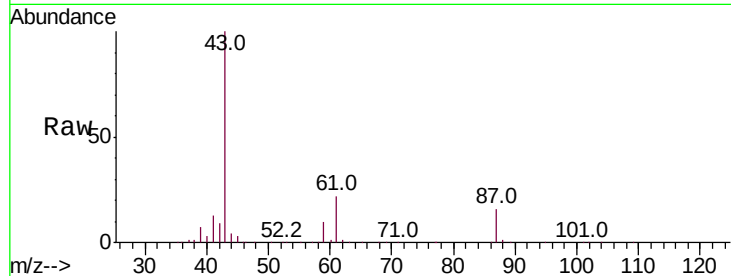
ClientSampleId :

VX0613WBSD01

Tot Ion:	43	Resp:	134390
Ion	Ratio	Lower	Upper
43	100		
61	21.9	14.6	21.8#
87	16.0	8.7	13.1#

Manual Integrations
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#44

Trichloroethene

Concen: 19.809 ug/l

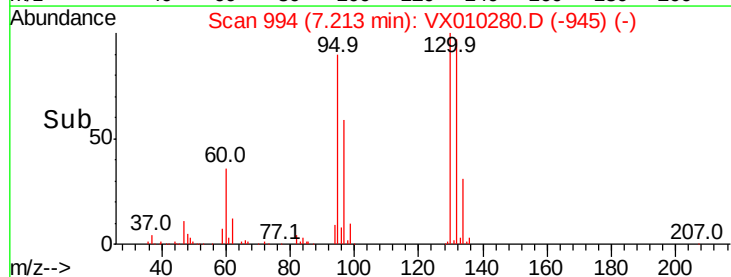
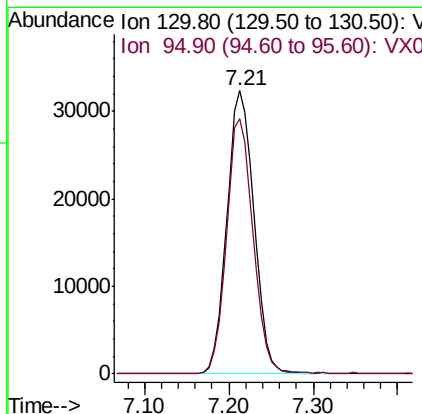
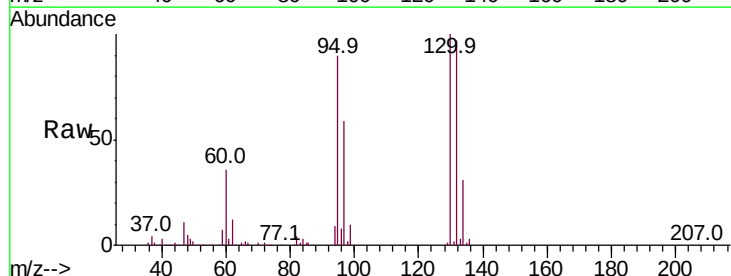
RT: 7.21 min Scan# 994

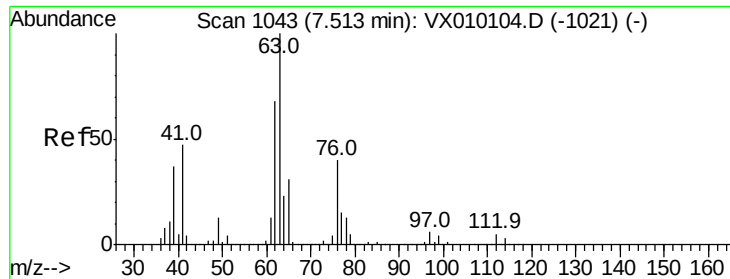
Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Tgt Ion:	130	Resp:	70807
Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	207.4





#45

1,2-Dichloropropane

Concen: 20.194 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 63 Resp: 59936

Ion Ratio Lower Upper

63 100

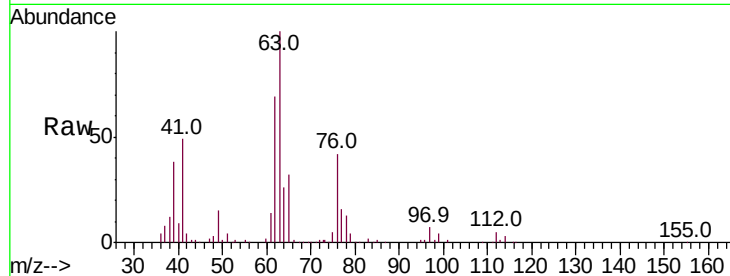
65 32.1 25.7 38.5

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

30000

25000

20000

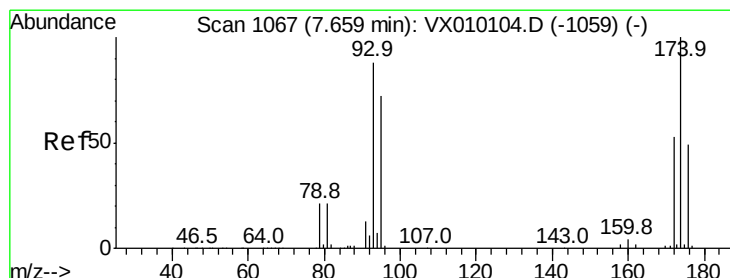
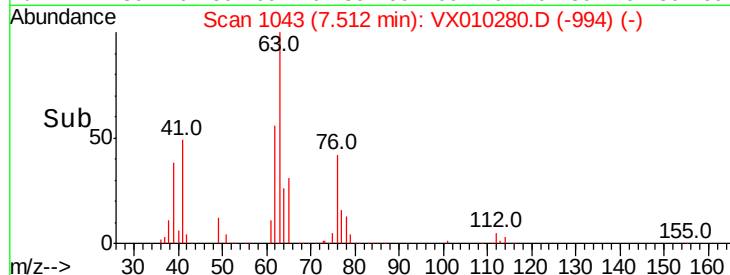
15000

10000

5000

0

Time-->



#46

Dibromomethane

Concen: 19.397 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

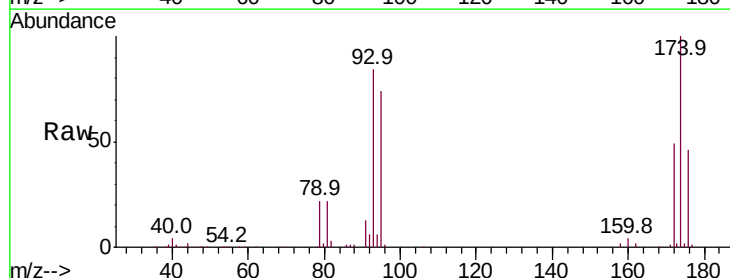
Tgt Ion: 93 Resp: 43130

Ion Ratio Lower Upper

93 100

95 84.4 66.8 100.2

174 119.9 81.9 122.9



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

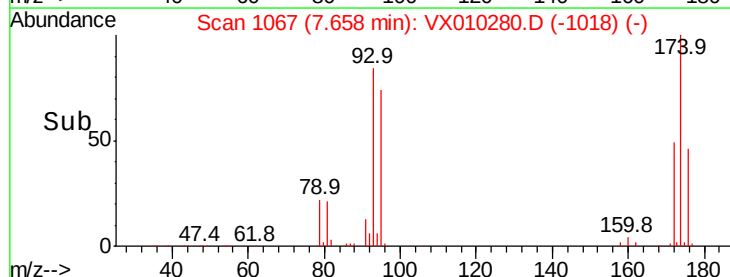
30000

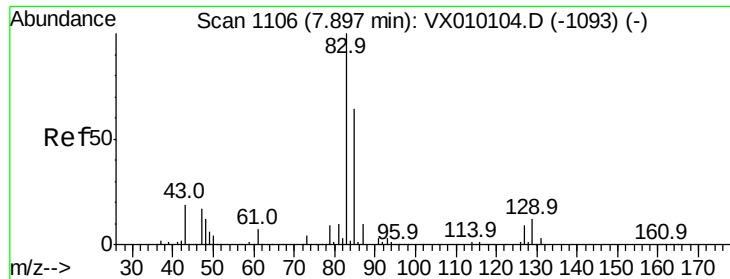
20000

10000

0

Time-->





#47

Bromodichloromethane

Concen: 19.066 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

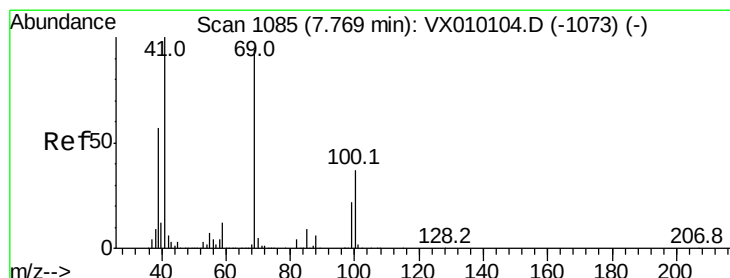
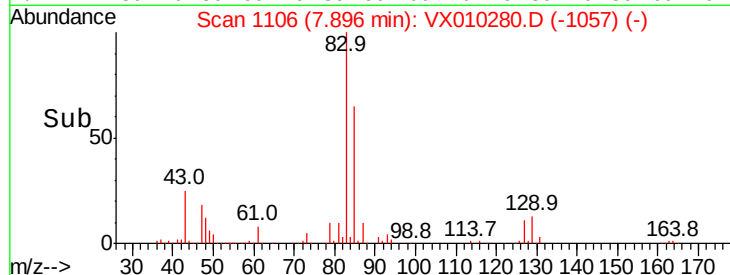
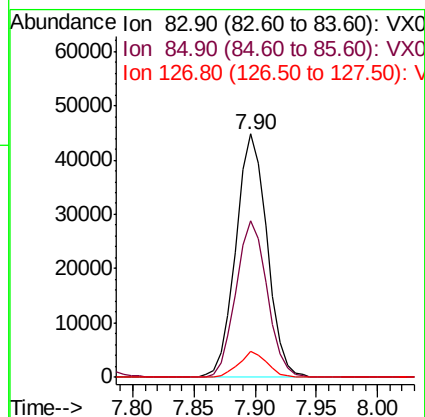
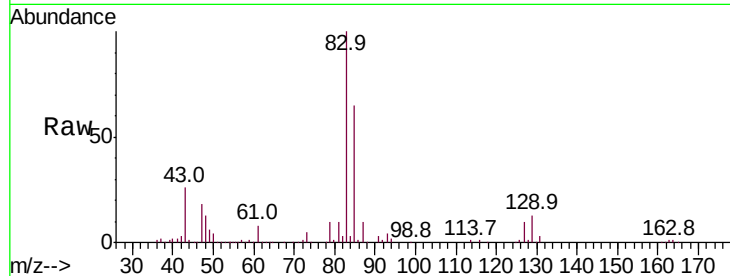
ClientSampleId :

VX0613WBSD01

Tot Ion:	83	Resp:	79218
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.4	77.2
127	10.5	6.4	9.6#

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.835 ug/l

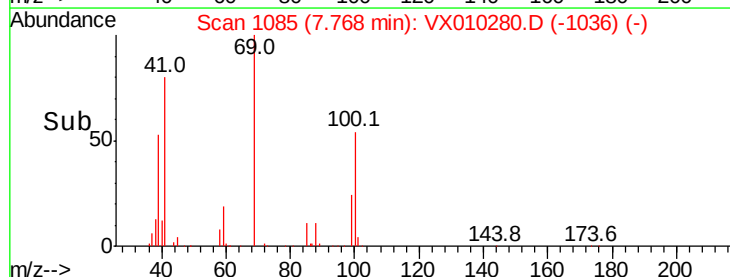
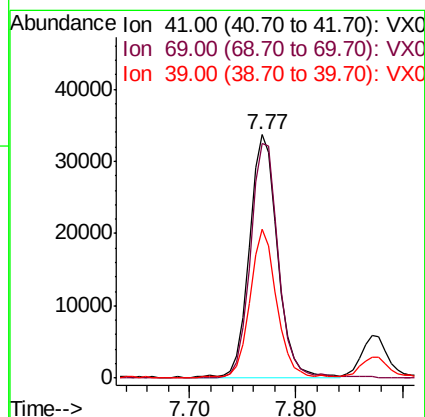
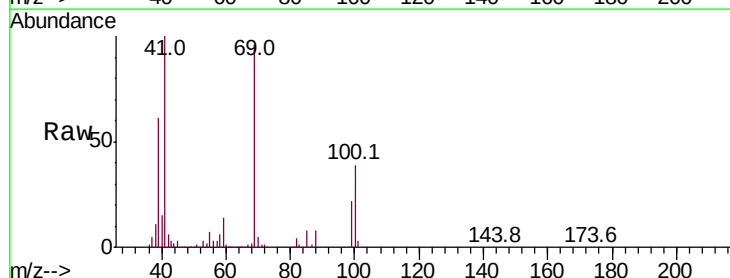
RT: 7.77 min Scan# 1085

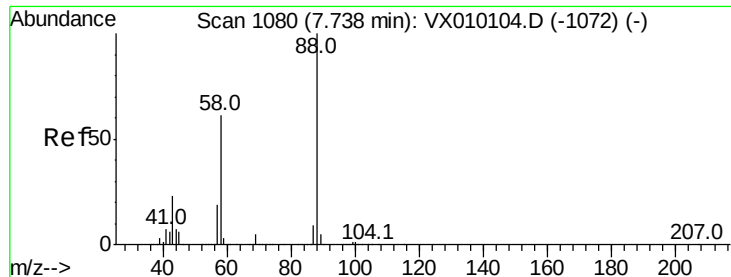
Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Tgt Ion:	41	Resp:	61886
Ion Ratio	Lower	Upper	
41	100		
69	96.4	56.4	84.6#
39	57.9	40.6	60.8





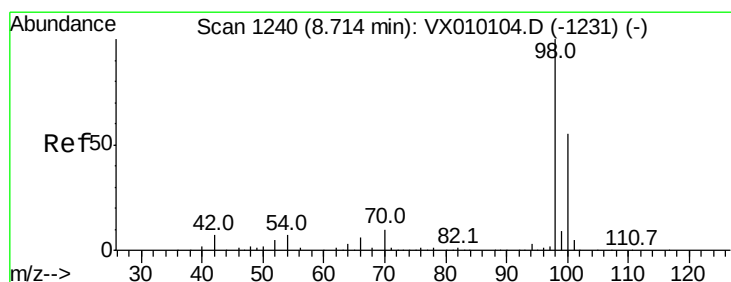
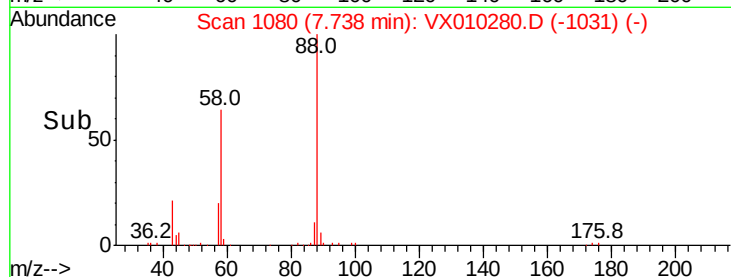
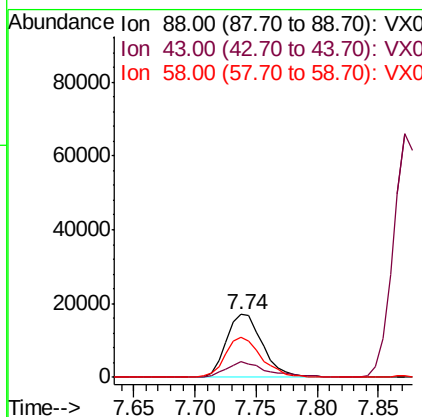
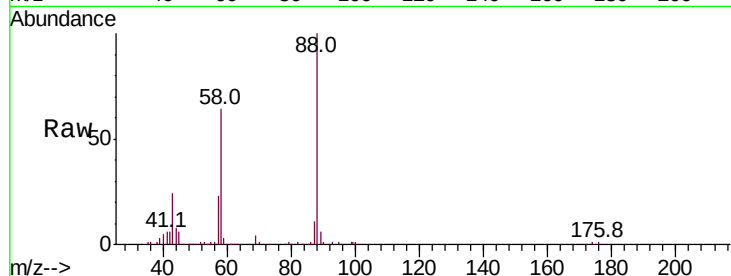
#49
1,4-Dioxane
Concen: 395.637 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.8	30.2	45.4#
58	63.9	64.0	96.0#

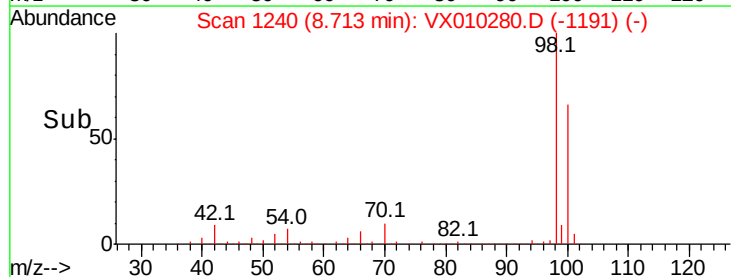
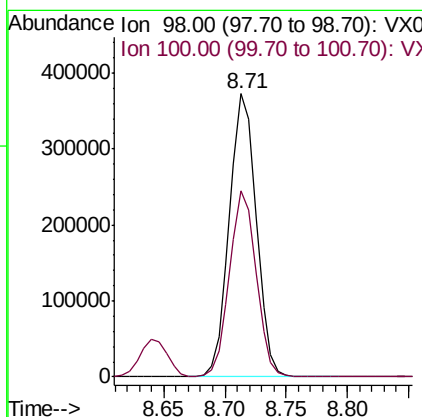
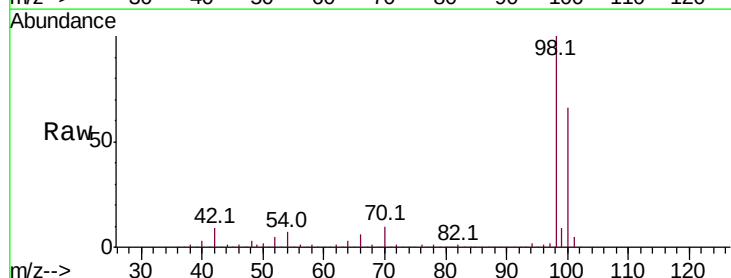
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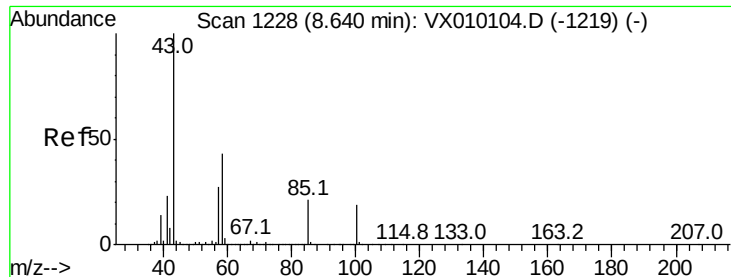
MMDadoda
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#50
Toluene-d8
Concen: 52.228 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 108.428 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 43 Resp: 432139

Ion Ratio Lower Upper

43 100

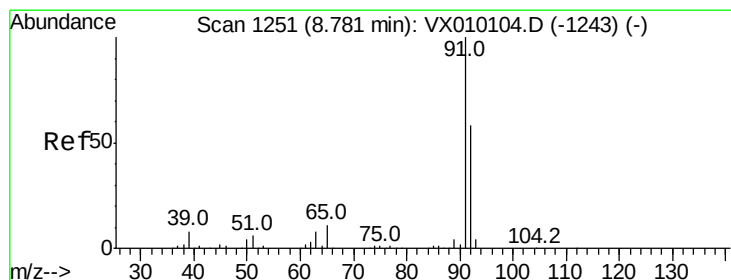
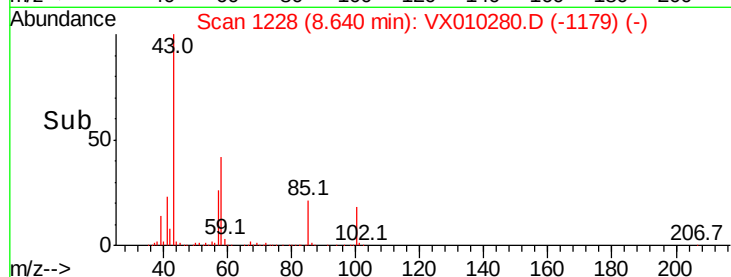
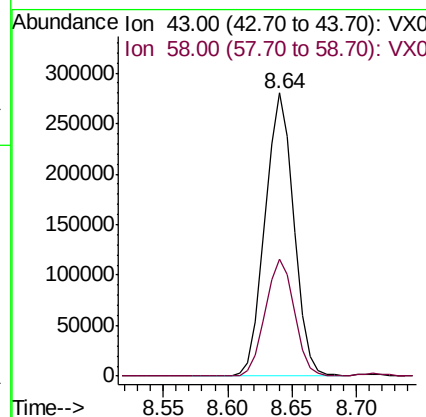
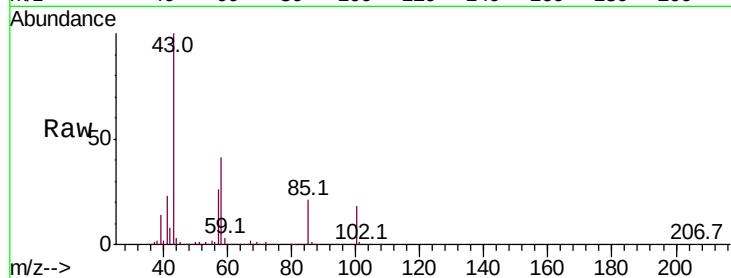
58 41.8 28.8 43.2

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#52

Toluene

Concen: 19.846 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010280.D

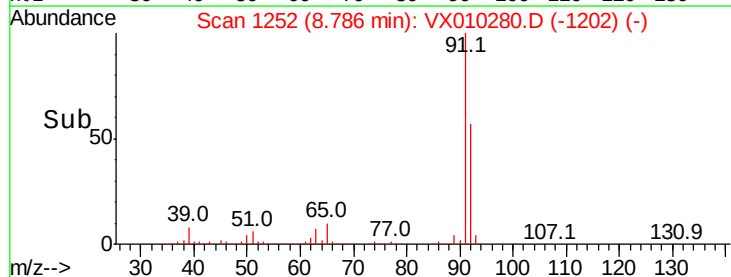
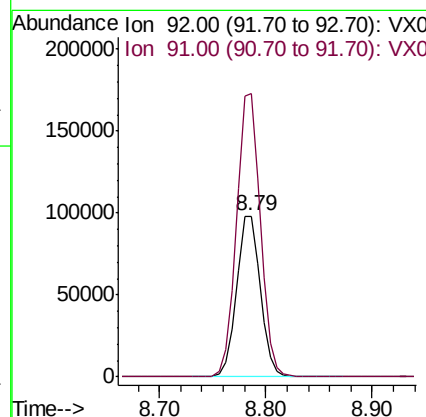
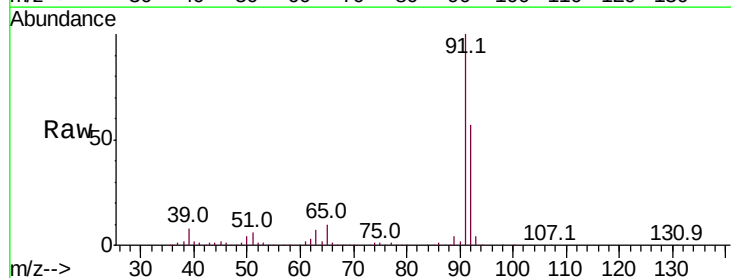
Acq: 13 Jun 2019 18:09

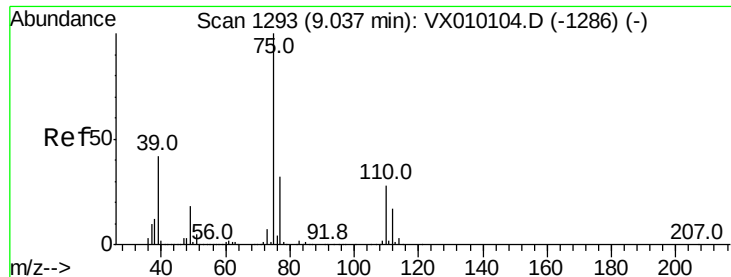
Tgt Ion: 92 Resp: 154700

Ion Ratio Lower Upper

92 100

91 176.4 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 18.379 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 75 Resp: 88330

Ion Ratio Lower Upper

75 100

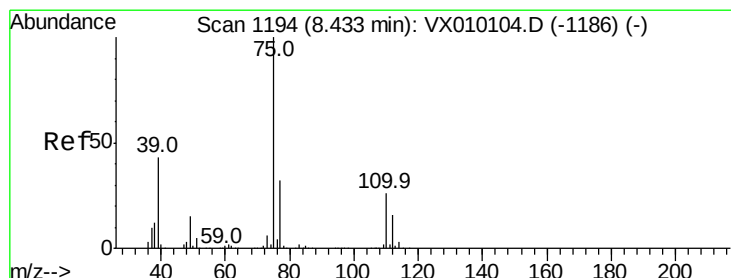
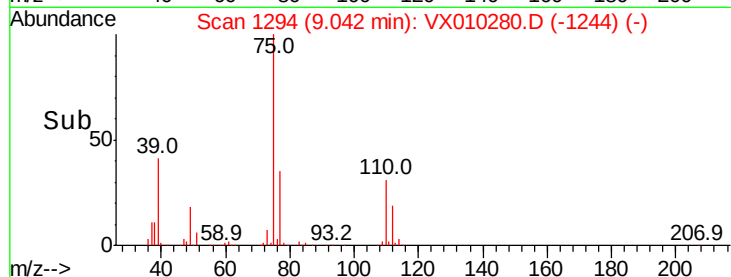
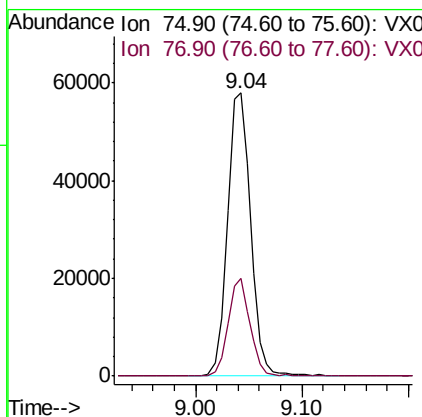
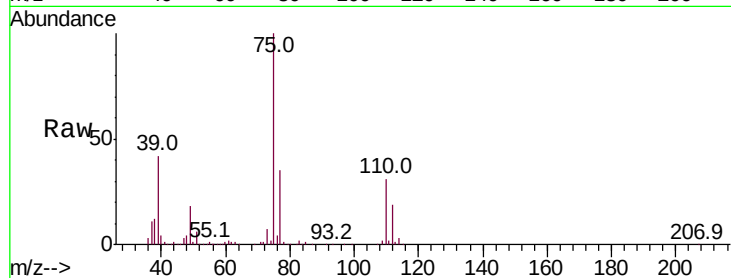
77 34.7 24.6 36.8

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#54

cis-1,3-Dichloropropene

Concen: 18.926 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

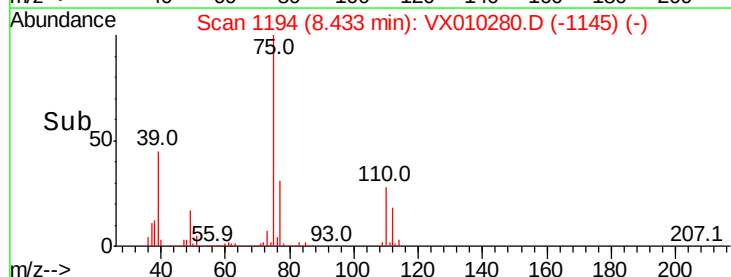
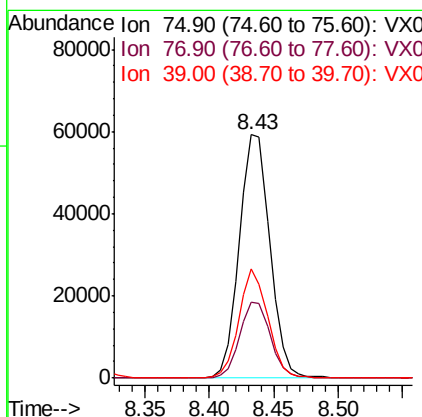
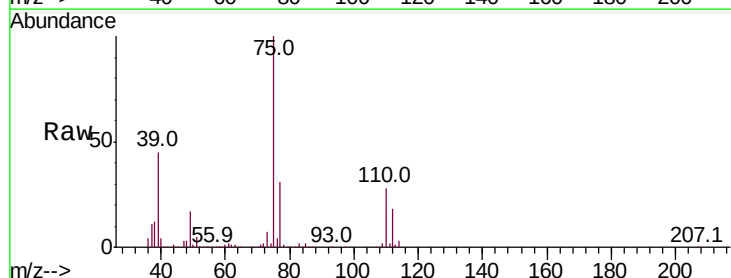
Tgt Ion: 75 Resp: 97509

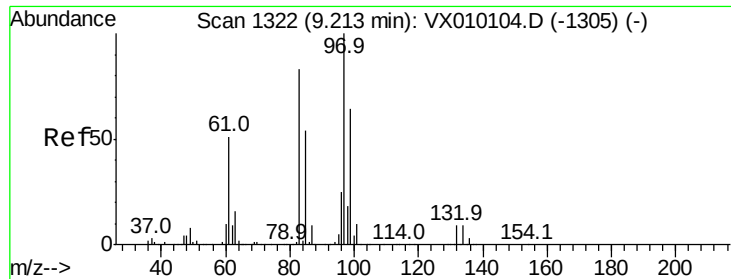
Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

39 44.5 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 20.854 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

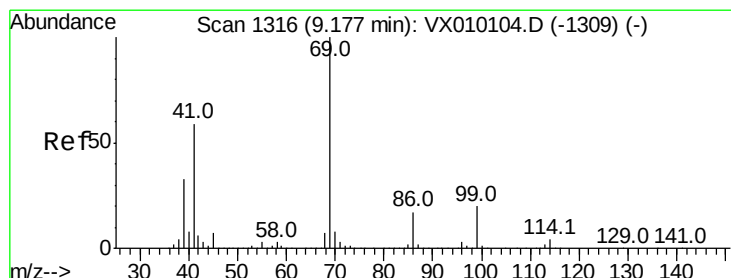
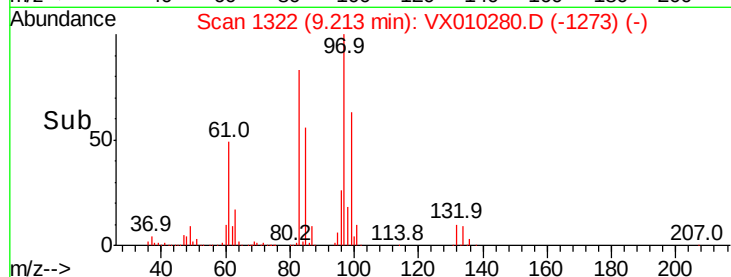
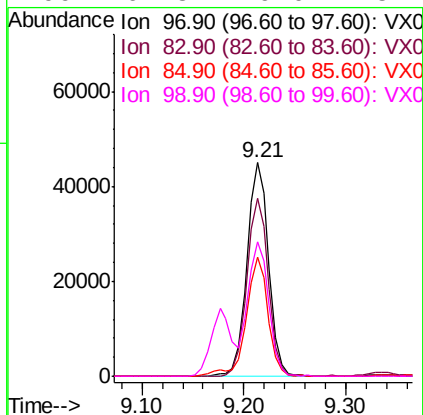
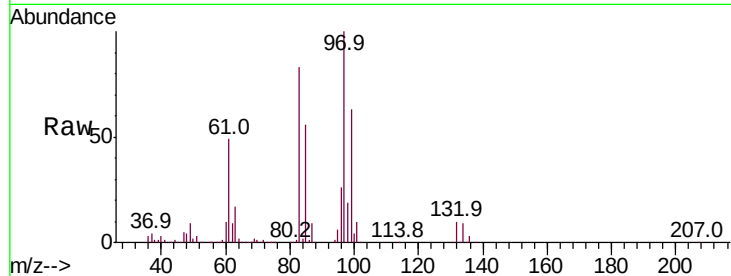
ClientSampleId :

VX0613WBSD01

Tot Ion:	97	Resp:	66574
Ion	Ratio	Lower	Upper
97	100		
83	83.4	69.8	104.8
85	56.0	45.3	67.9
99	62.8	49.0	73.4

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#56

Ethyl methacrylate

Concen: 19.767 ug/l

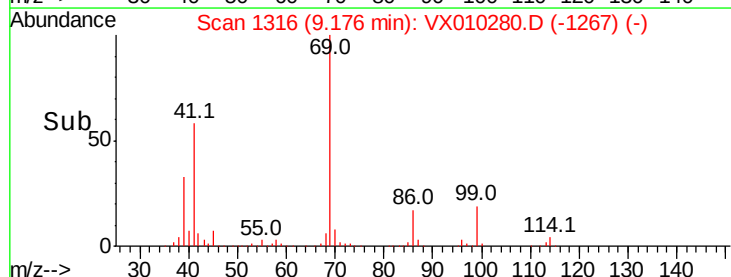
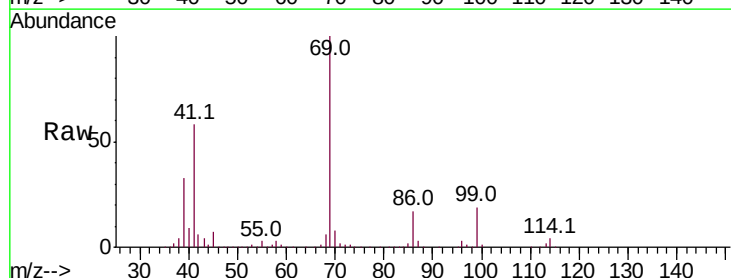
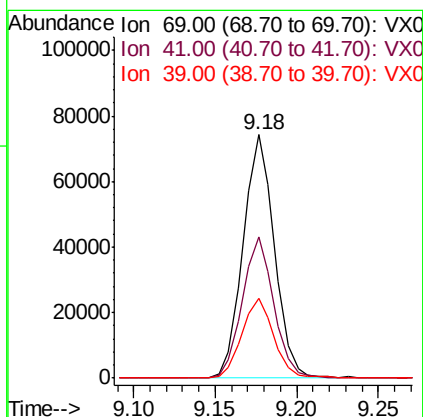
RT: 9.18 min Scan# 1316

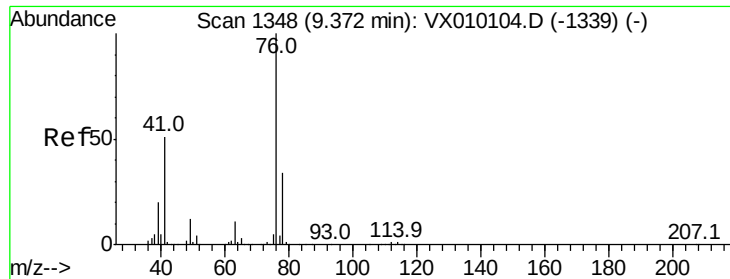
Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Tgt Ion:	69	Resp:	99679
Ion	Ratio	Lower	Upper
69	100		
41	57.5	62.7	94.1#
39	33.3	29.5	44.3





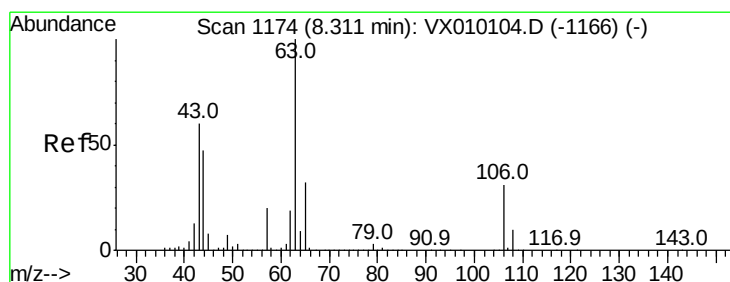
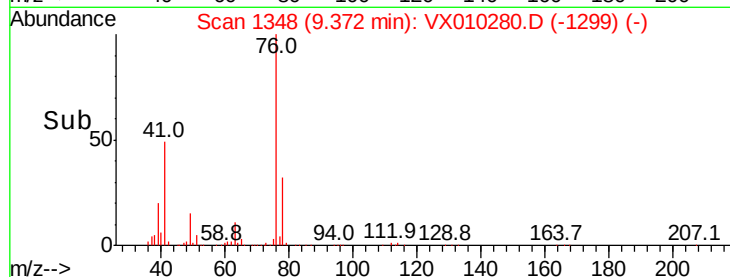
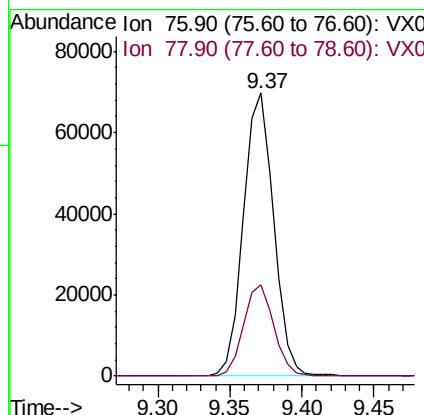
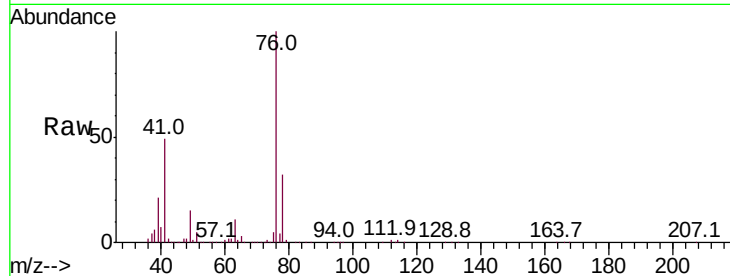
#57
 1,3-Dichloropropane
 Concen: 20.194 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010280.D
 Acq: 13 Jun 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.4	38.0

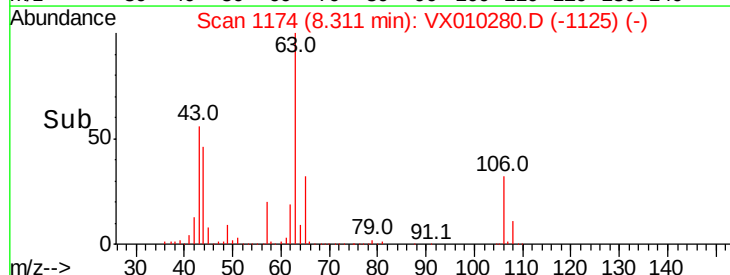
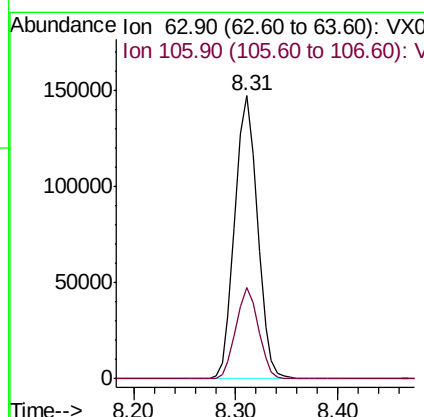
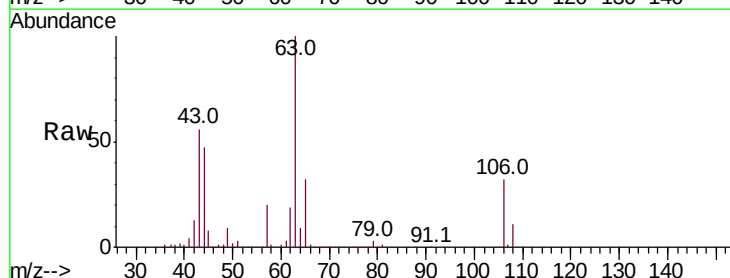
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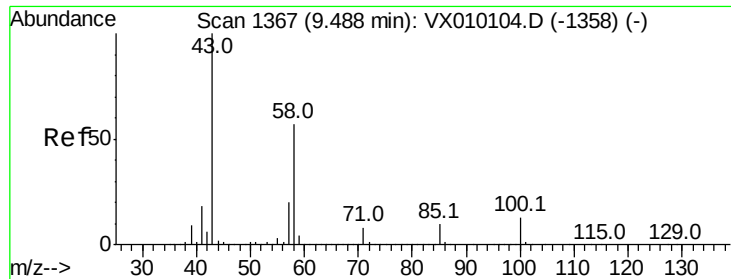
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#58
 2-Chloroethyl Vinyl ether
 Concen: 95.604 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010280.D
 Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.8	19.4	29.2





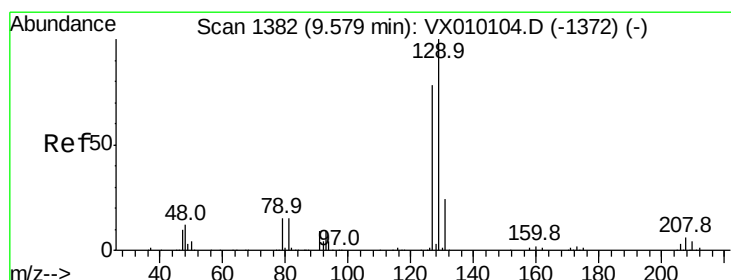
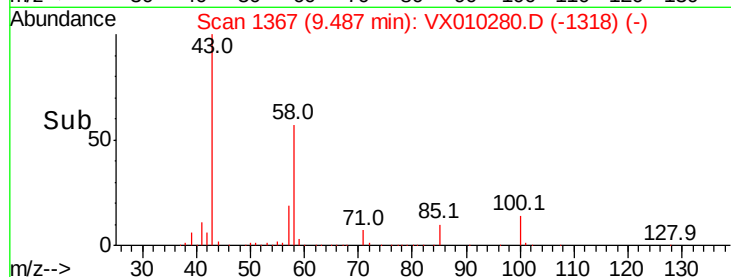
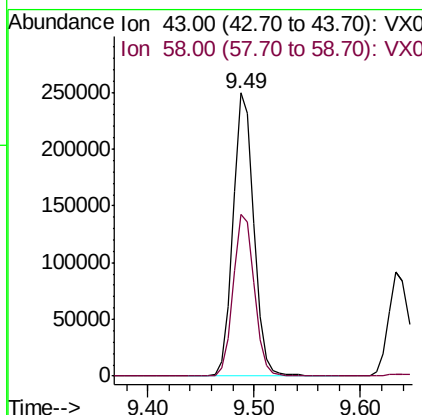
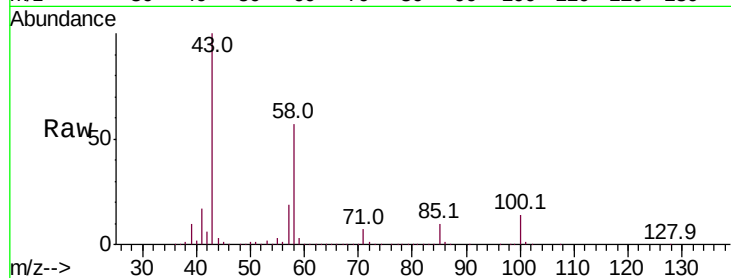
#59
2-Hexanone
Concen: 107.731 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion: 43 Resp: 342333
Ion Ratio Lower Upper
43 100
58 58.5 25.1 75.3

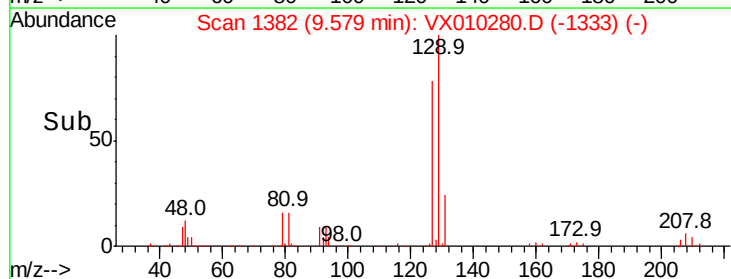
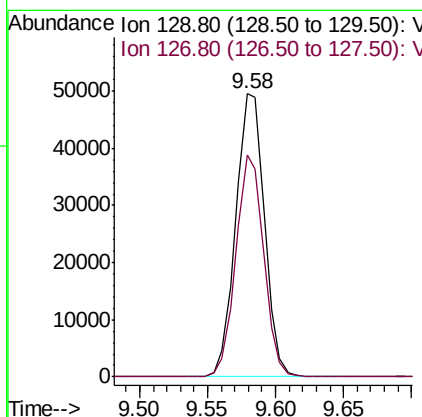
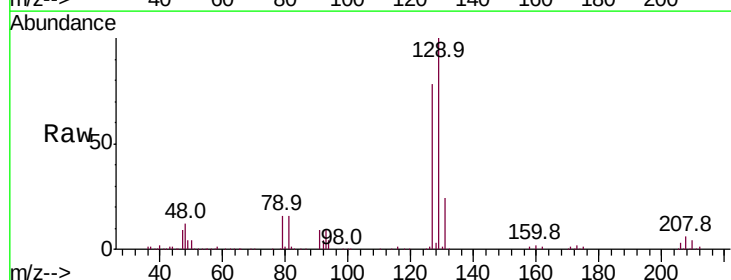
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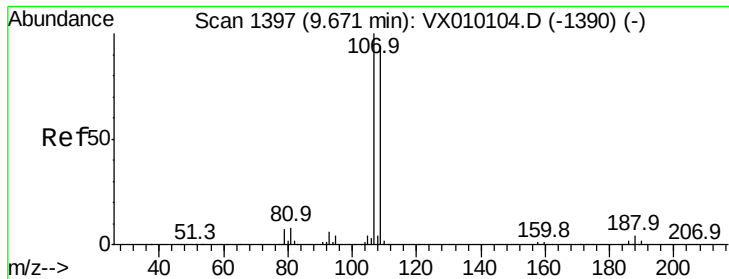
MMDadoda
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#60
Dibromochloromethane
Concen: 19.342 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Tgt Ion:129 Resp: 73034
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5





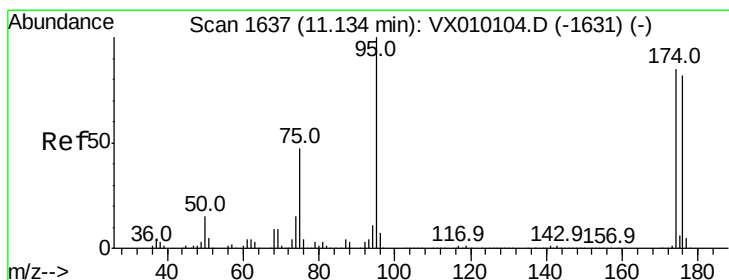
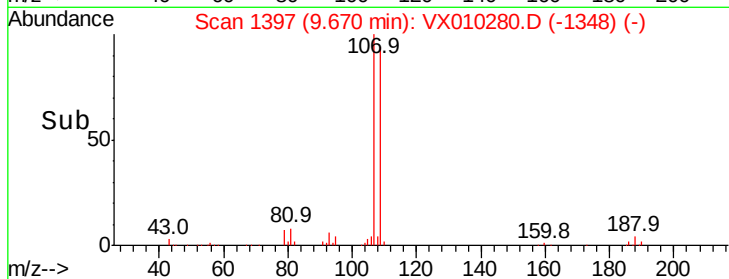
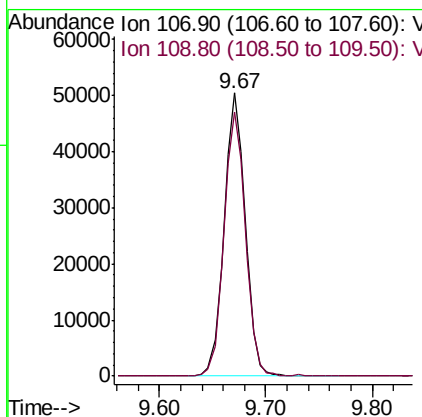
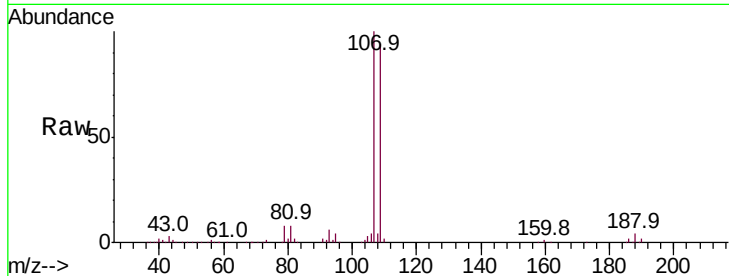
#61
 1,2-Dibromoethane
 Concen: 19.703 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX010280.D
 Acq: 13 Jun 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.4	113.2

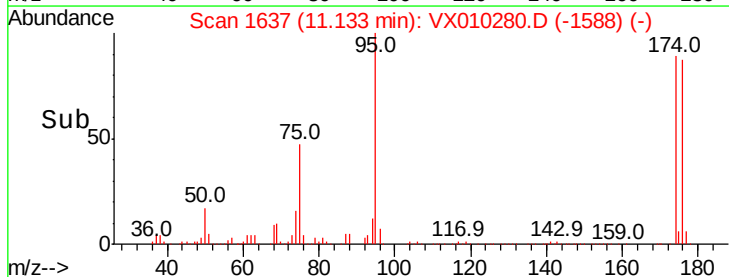
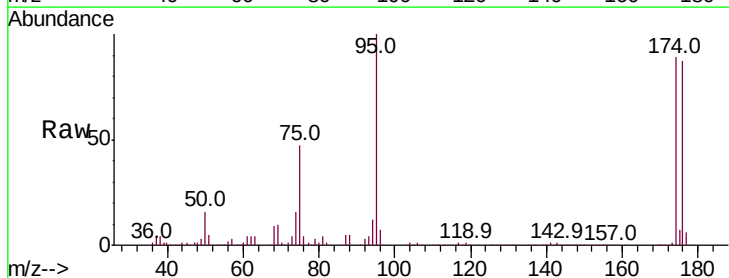
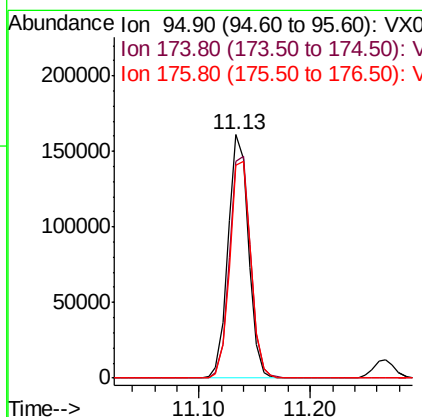
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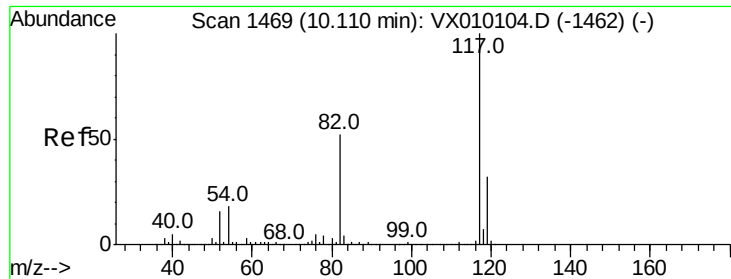
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 50.275 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010280.D
 Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	160.4
176	91.6	0.0	154.6





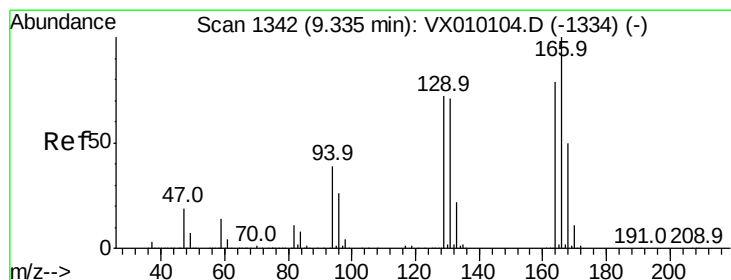
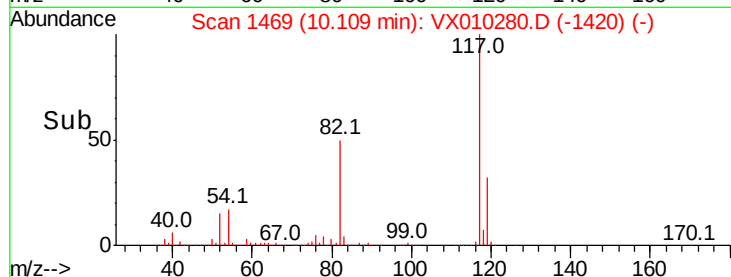
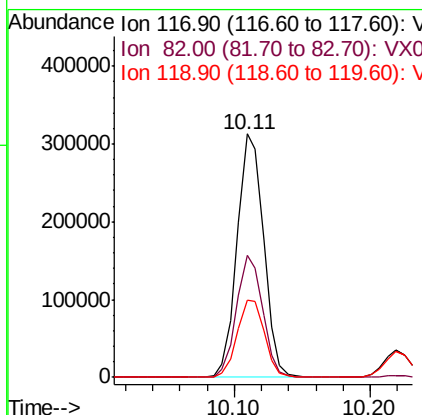
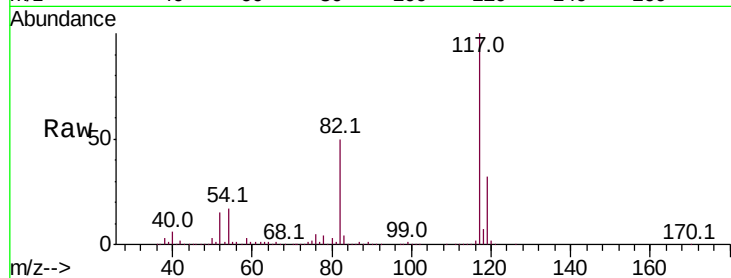
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	49.2	73.8
119	31.8	25.2	37.8

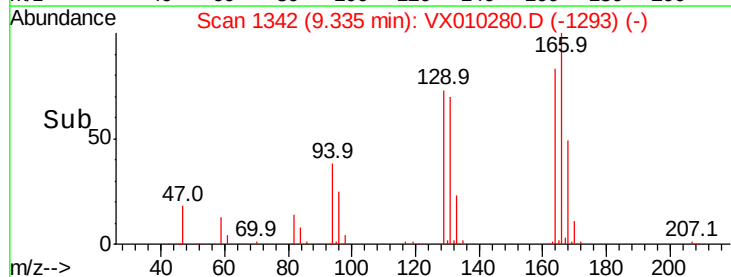
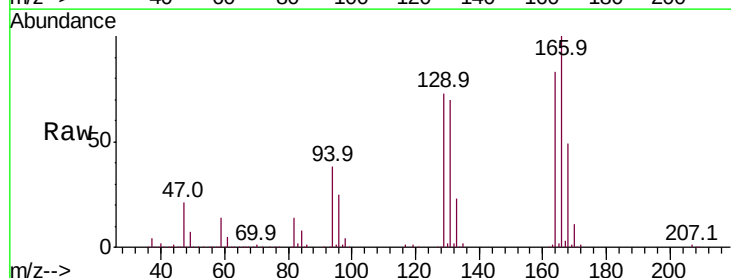
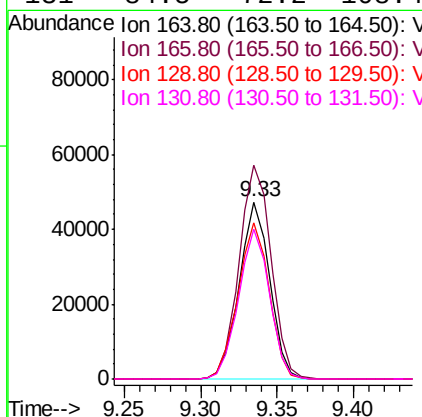
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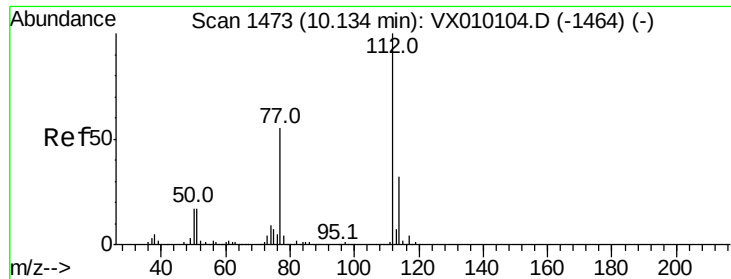
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#64
Tetrachloroethene
Concen: 20.828 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.6	105.0	157.4
129	88.3	75.1	112.7
131	84.5	72.2	108.4





#65

Chlorobenzene

Concen: 20.101 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion:112 Resp: 176441

Ion Ratio Lower Upper

112 100

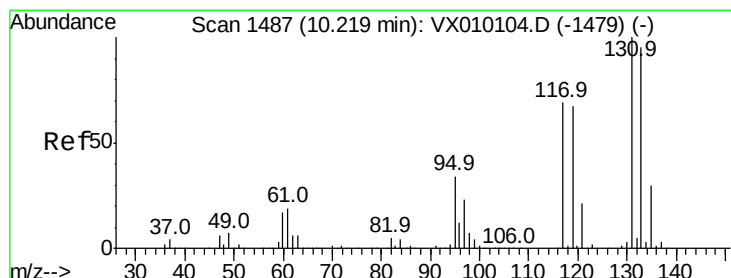
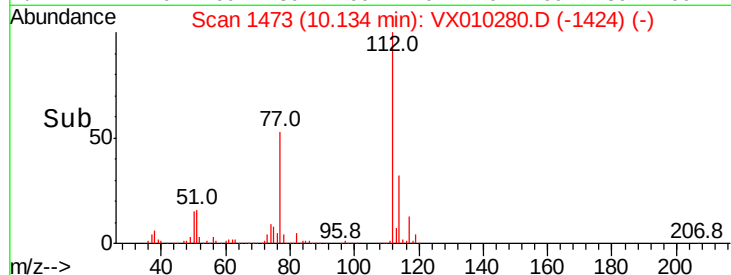
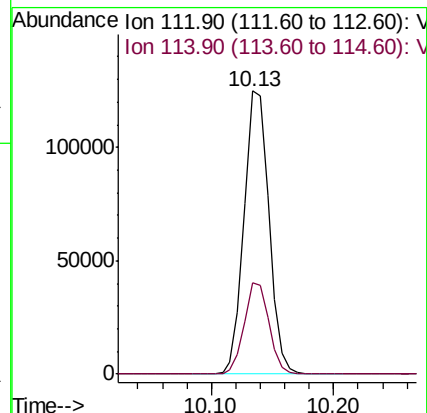
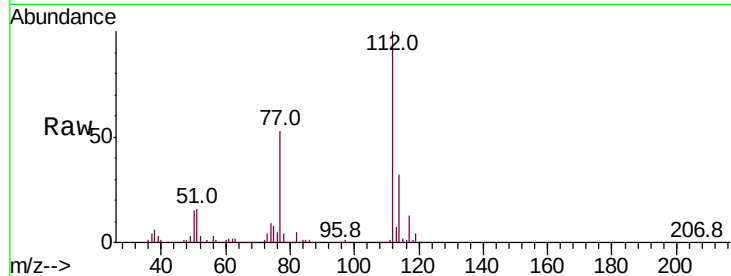
114 32.1 25.8 38.8

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.058 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

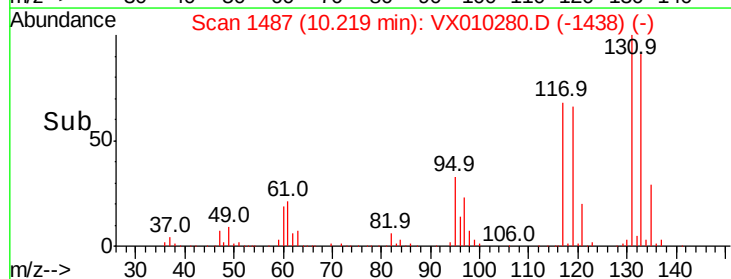
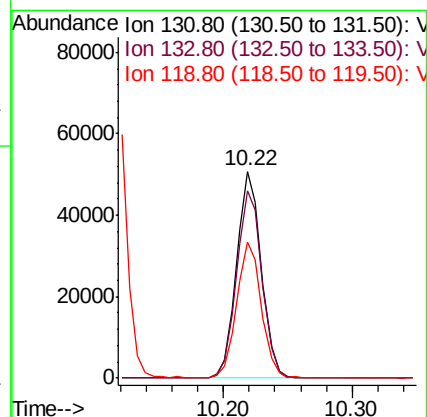
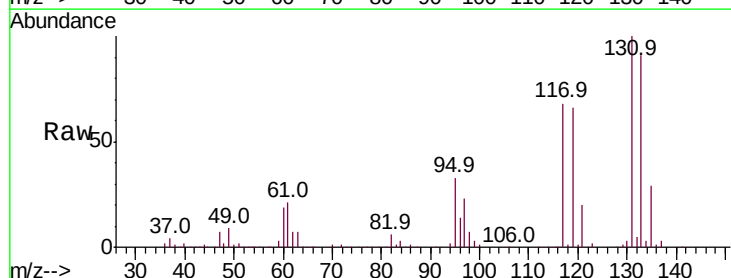
Tgt Ion:131 Resp: 67707

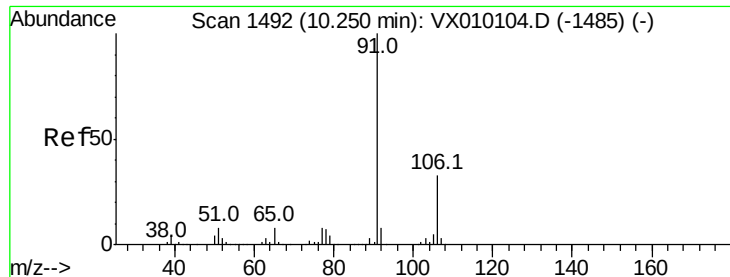
Ion Ratio Lower Upper

131 100

133 93.4 47.5 142.6

119 66.3 33.4 100.1





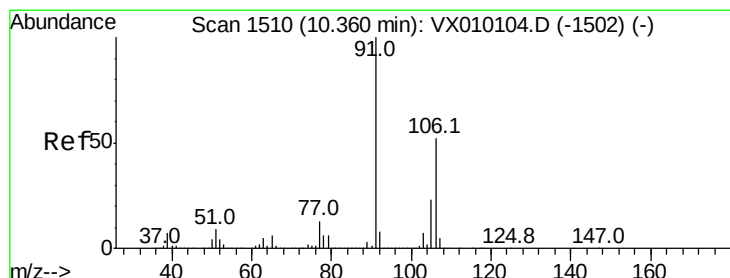
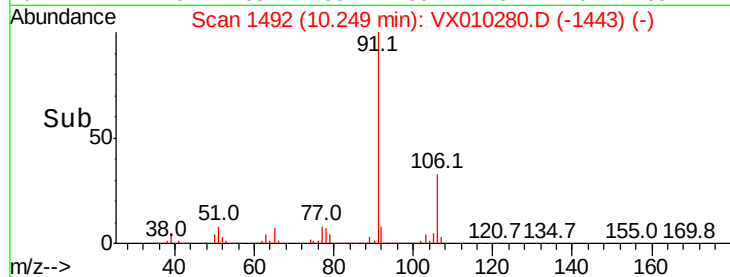
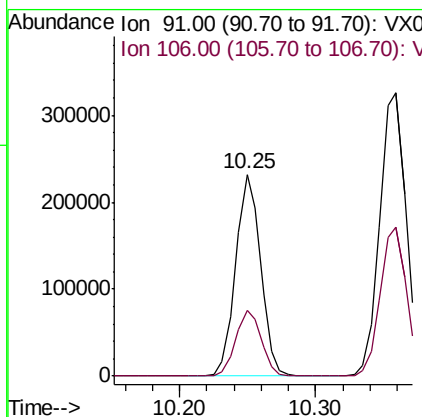
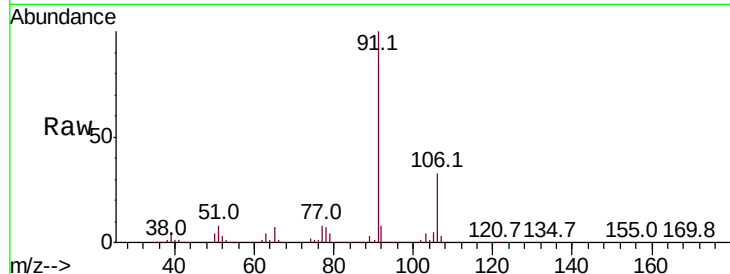
#67
Ethyl Benzene
Concen: 19.859 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampled :
VX0613WBSD01

Tot Ion: 91 Resp: 296756
Ion Ratio Lower Upper
91 100
106 32.8 23.9 35.9

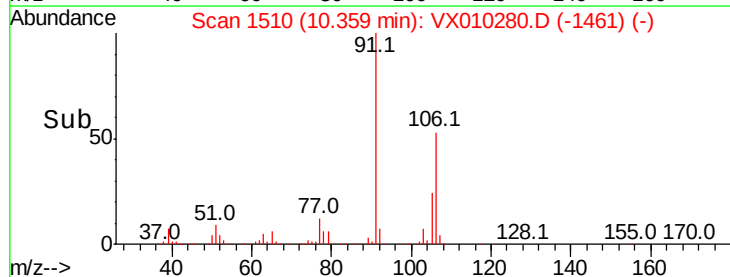
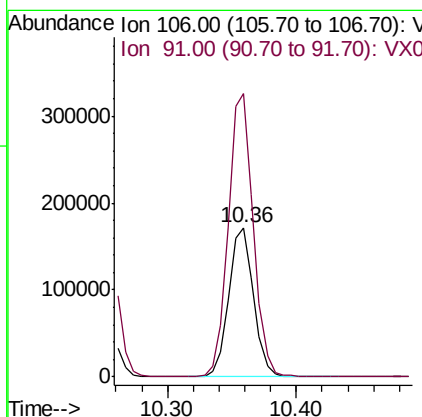
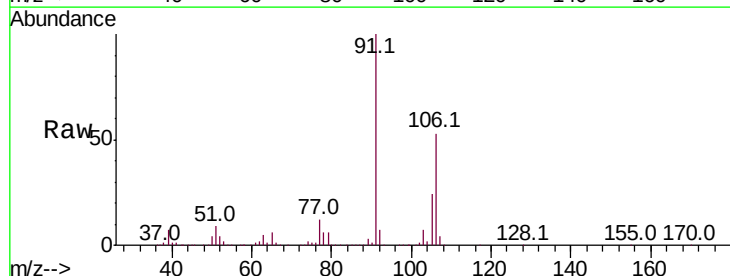
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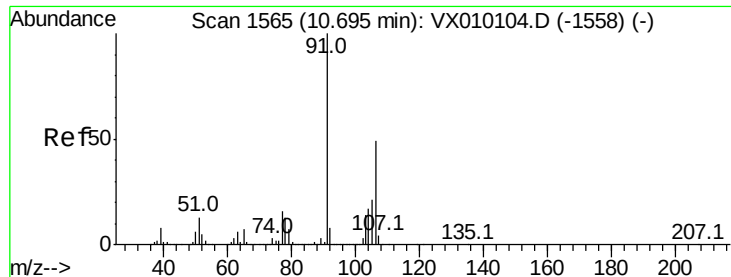
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#68
m/p-Xylenes
Concen: 40.019 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Tgt Ion: 106 Resp: 231406
Ion Ratio Lower Upper
106 100
91 191.5 167.3 250.9





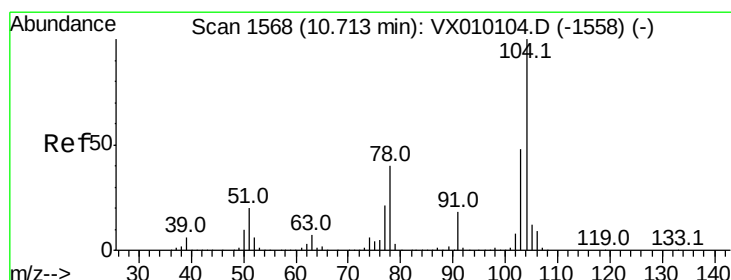
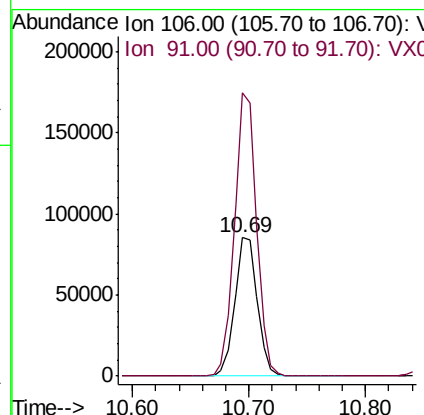
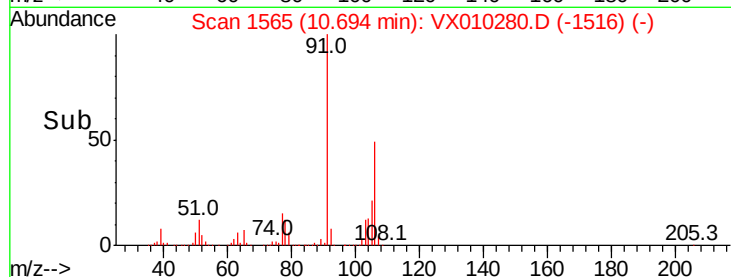
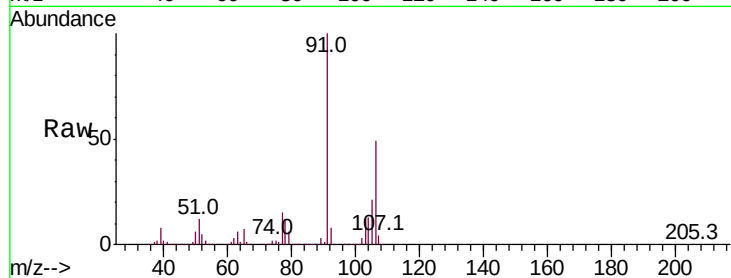
#69
o-Xylene
Concen: 19.908 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion:106 Resp: 114429
Ion Ratio Lower Upper
106 100
91 201.4 110.4 331.2

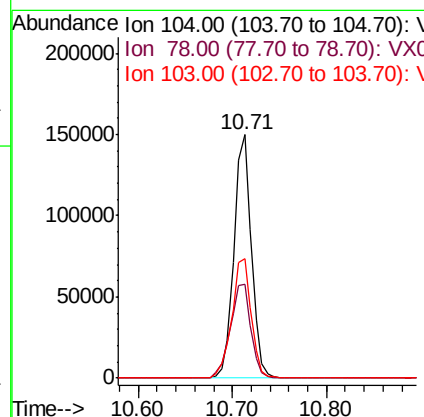
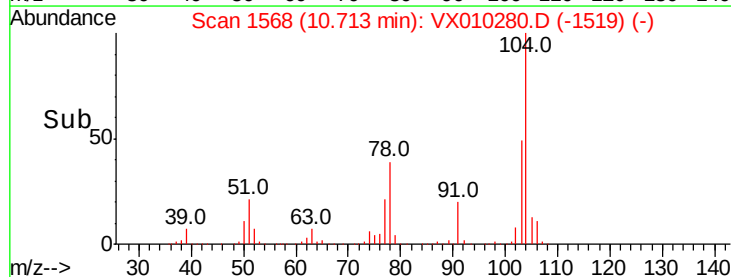
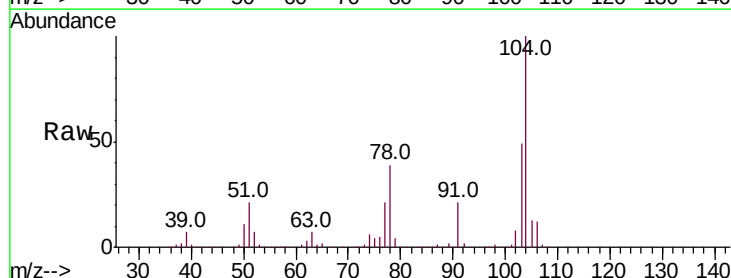
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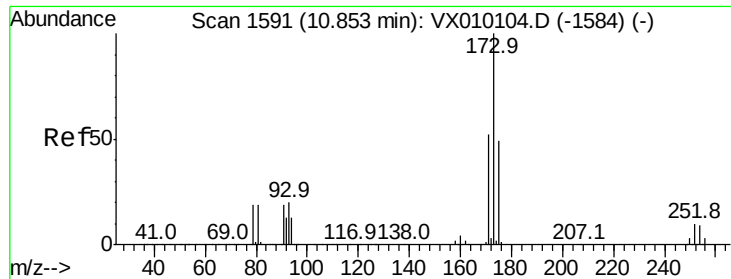
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#70
Styrene
Concen: 19.880 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Tgt Ion:104 Resp: 193532
Ion Ratio Lower Upper
104 100
78 45.3 42.1 63.1
103 54.3 44.1 66.1





#71

Bromoform

Concen: 18.477 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion:173 Resp: 57339

Ion Ratio Lower Upper

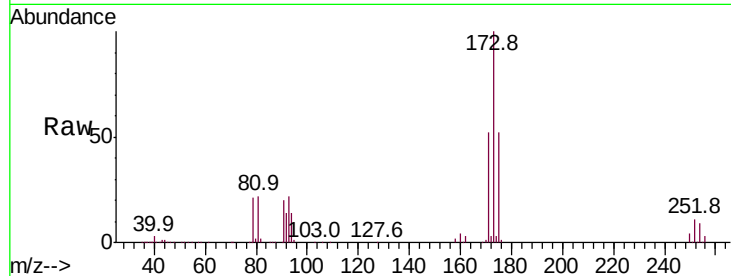
173 100

175 49.2 25.0 75.0

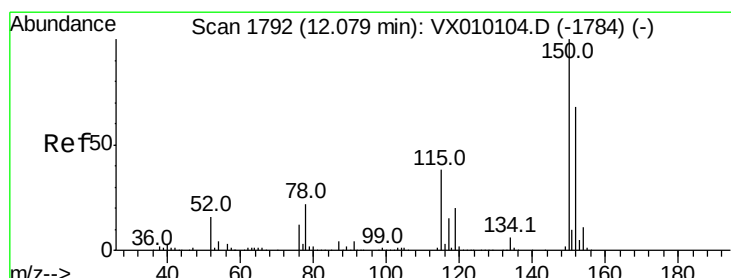
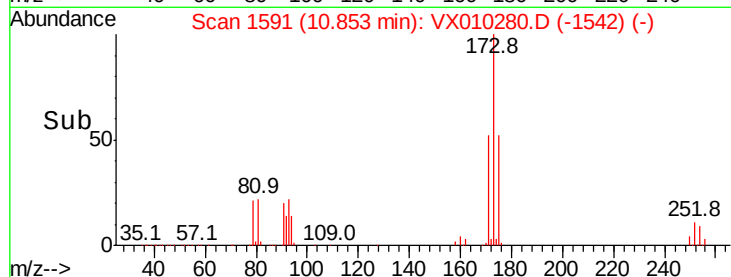
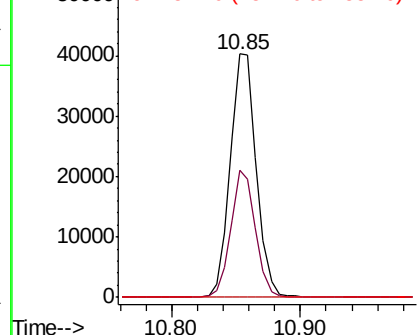
254 0.1 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

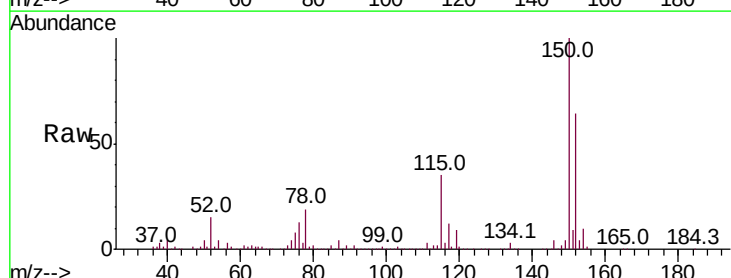
Tgt Ion:152 Resp: 213176

Ion Ratio Lower Upper

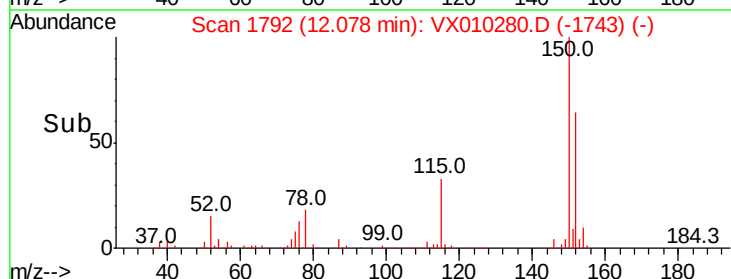
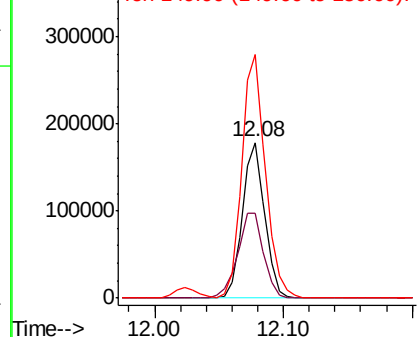
152 100

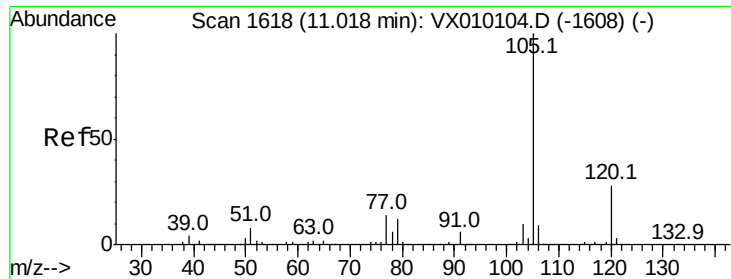
115 64.0 41.4 124.2

150 166.0 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.297 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion:105 Resp: 302036

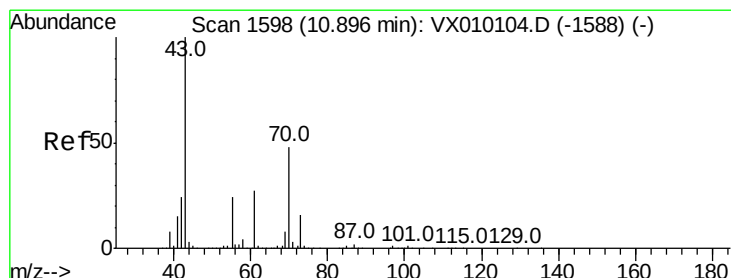
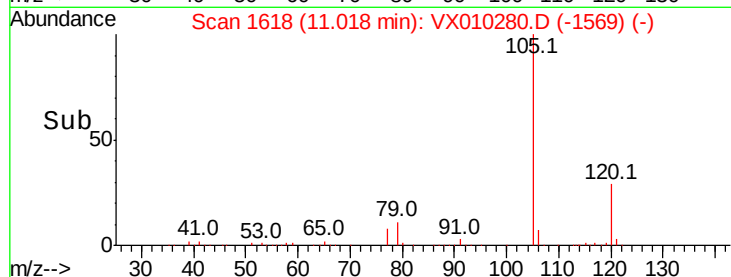
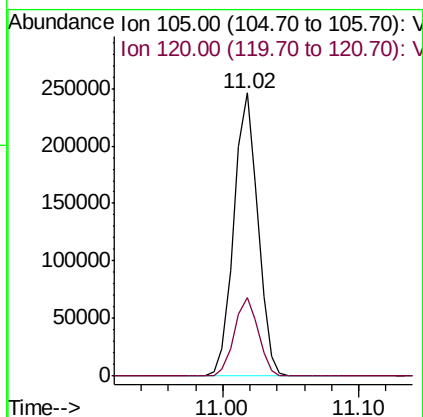
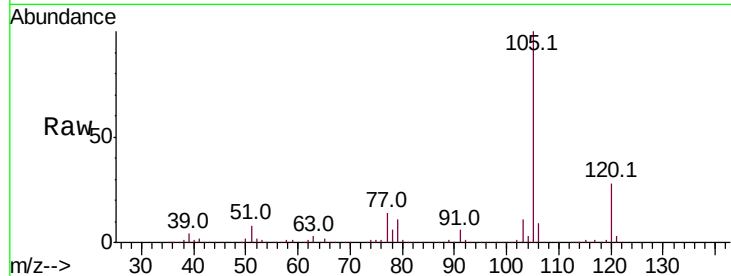
Ion Ratio Lower Upper

105 100

120 27.8 12.8 38.4

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#74

N-ethyl acetate

Concen: 19.996 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Tgt Ion: 43 Resp: 117627

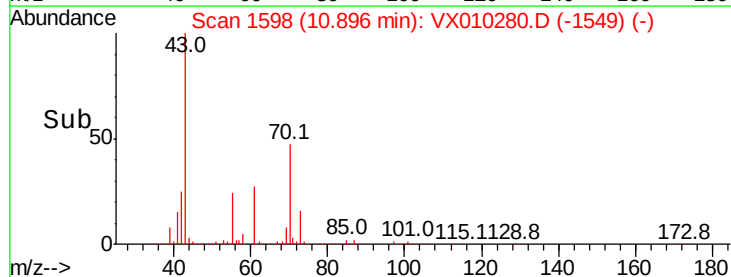
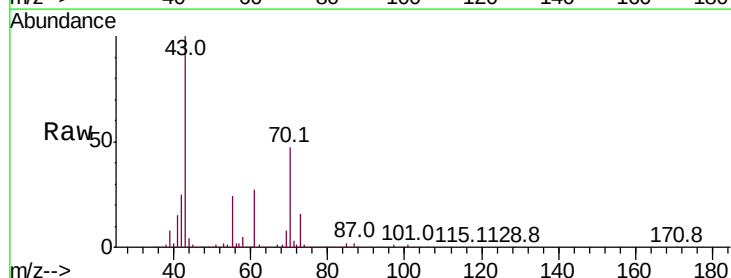
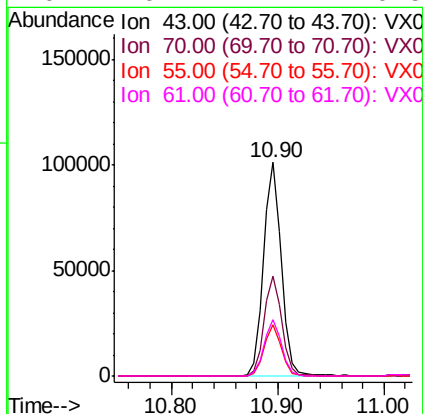
Ion Ratio Lower Upper

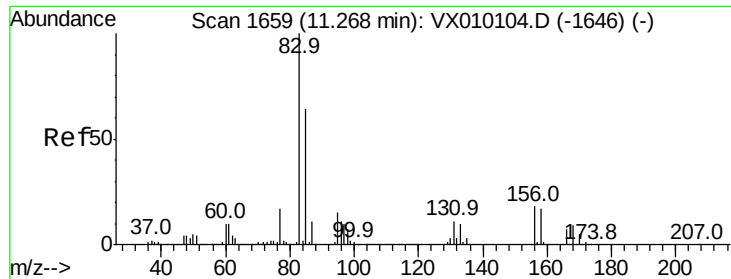
43 100

70 47.1 28.6 43.0#

55 23.5 17.8 26.8

61 26.4 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.556 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

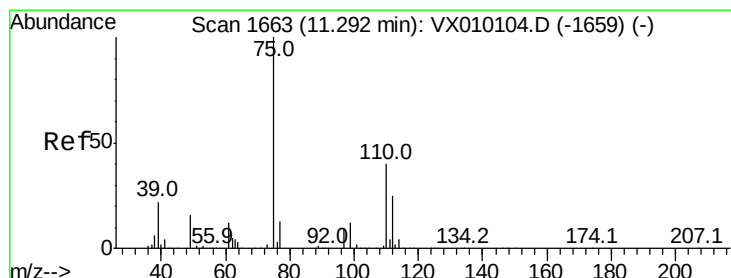
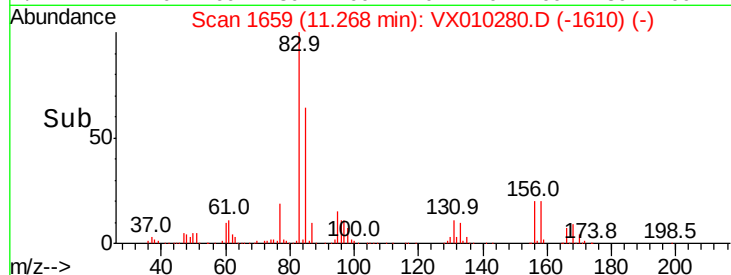
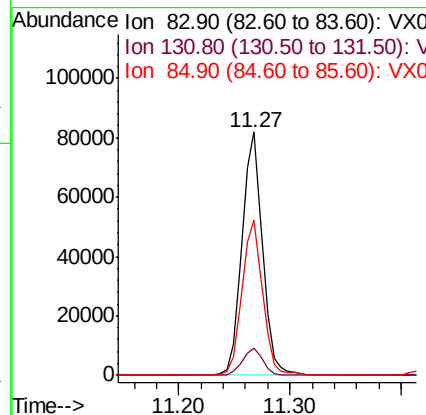
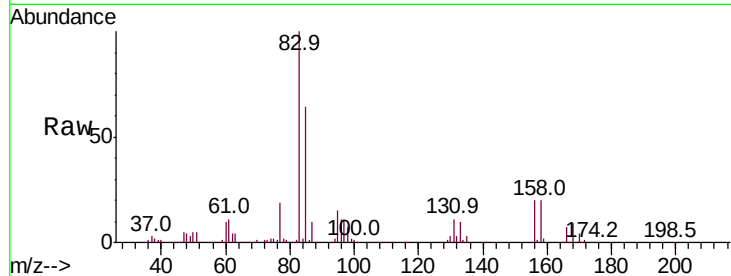
ClientSampleId :

VX0613WBSD01

Tot Ion:	83	Resp:	104713
Ion Ratio	Lower	Upper	
83	100		
131	11.0	4.7	14.1
85	64.3	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 22.877 ug/l m

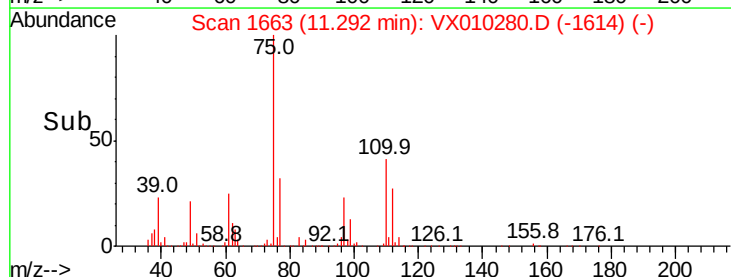
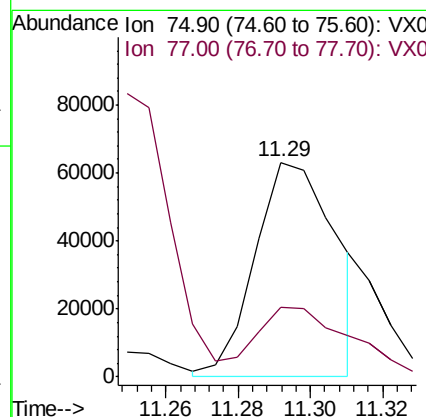
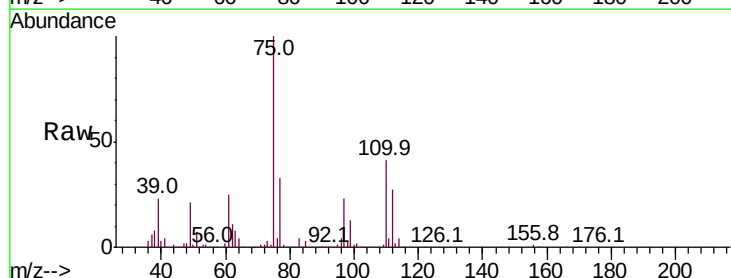
RT: 11.29 min Scan# 1663

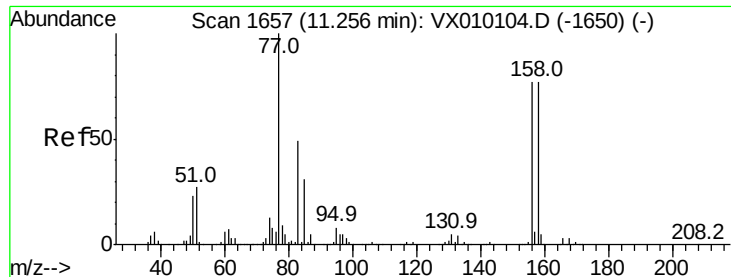
Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Tgt Ion:	75	Resp:	97547
Ion Ratio	Lower	Upper	
75	100		
77	38.4	22.1	66.1





#77

Bromobenzene

Concen: 20.436 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion:156 Resp: 83628

Ion Ratio Lower Upper

156 100

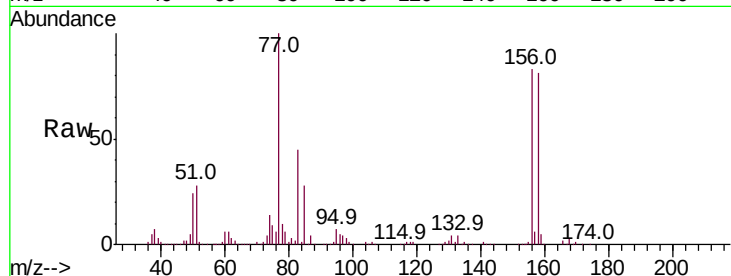
77 129.3 86.8 260.3

158 96.6 49.6 148.8

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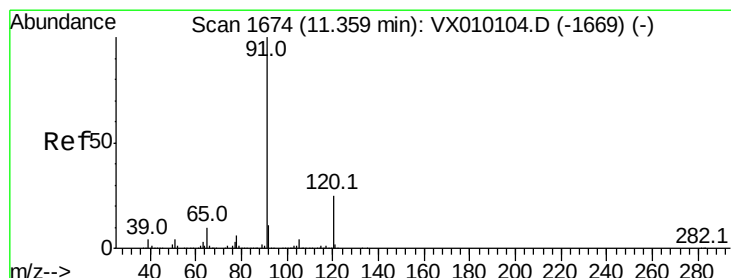
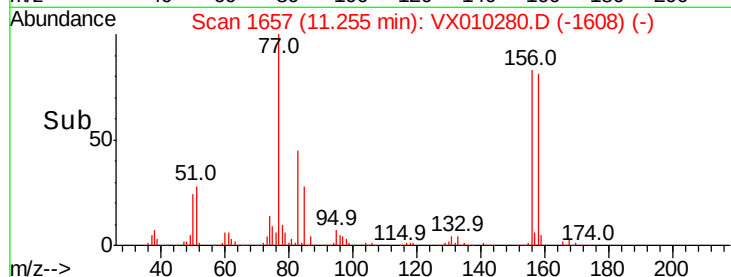
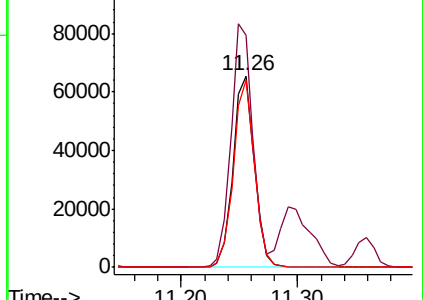
6/14/2019 9:17:46 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.747 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010280.D

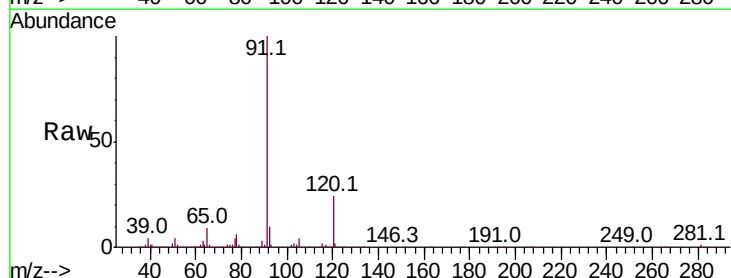
Acq: 13 Jun 2019 18:09

Tgt Ion: 91 Resp: 327147

Ion Ratio Lower Upper

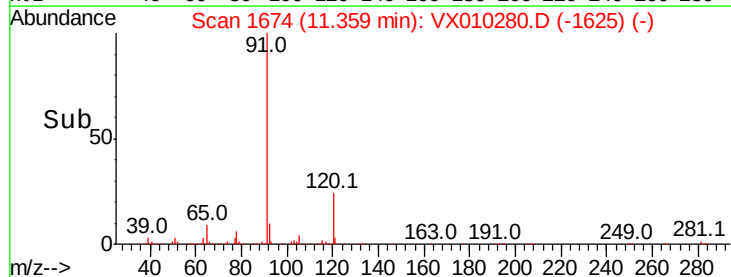
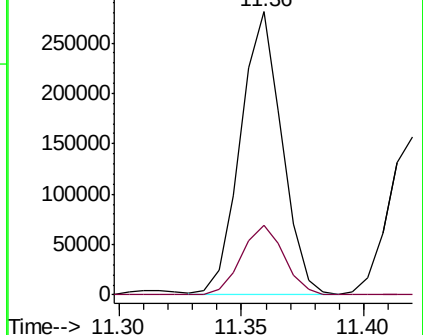
91 100

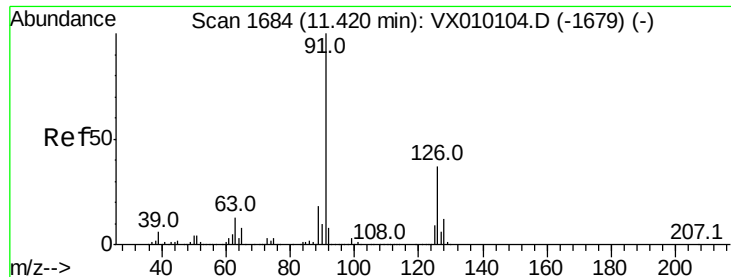
120 25.4 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.710 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 91 Resp: 196114

Ion Ratio Lower Upper

91 100

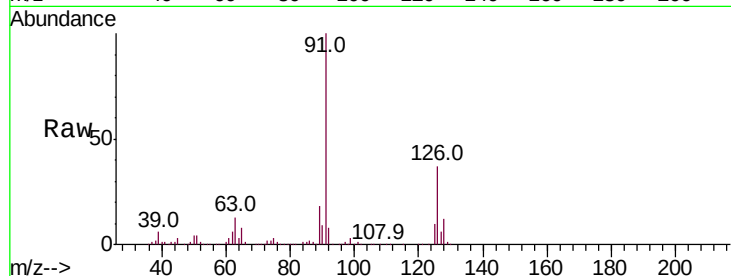
126 37.4 16.1 48.3

Manual Integrations

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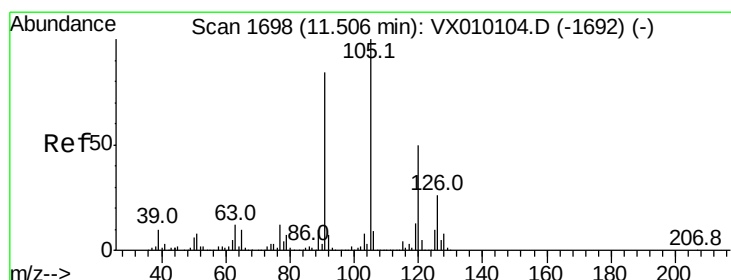
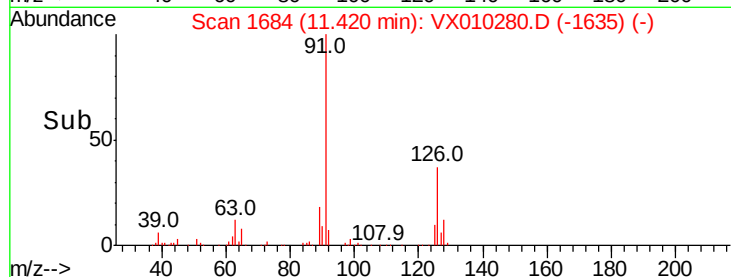
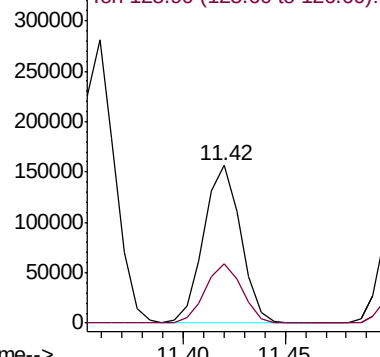
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.703 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010280.D

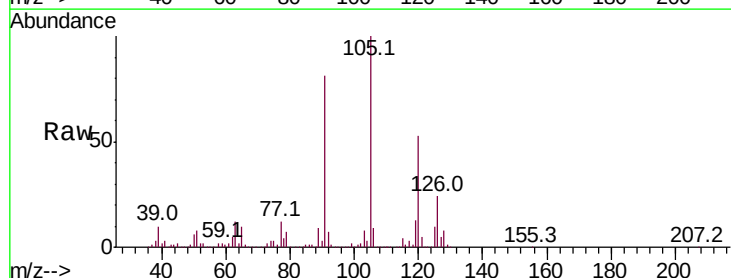
Acq: 13 Jun 2019 18:09

Tgt Ion:105 Resp: 246952

Ion Ratio Lower Upper

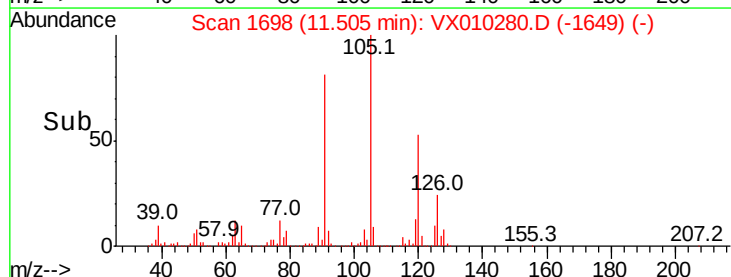
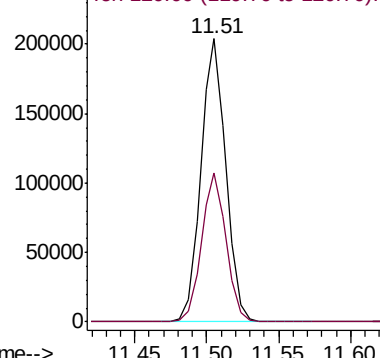
105 100

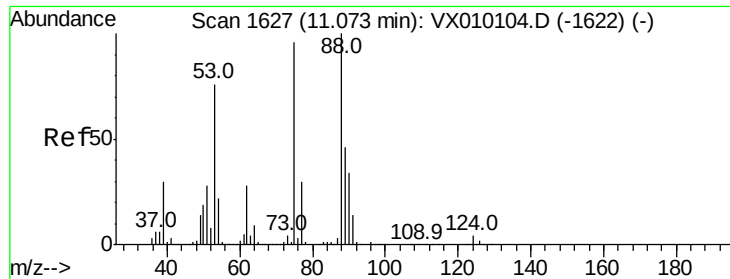
120 51.7 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.038 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 75 Resp: 34812

Ion Ratio Lower Upper

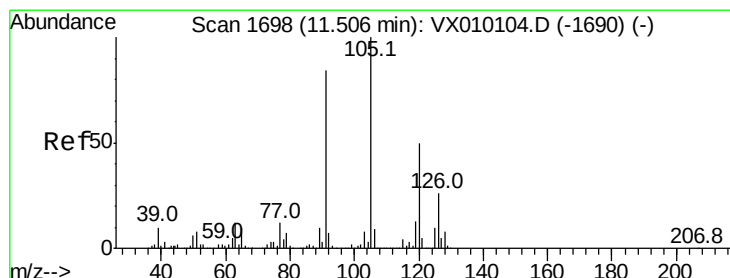
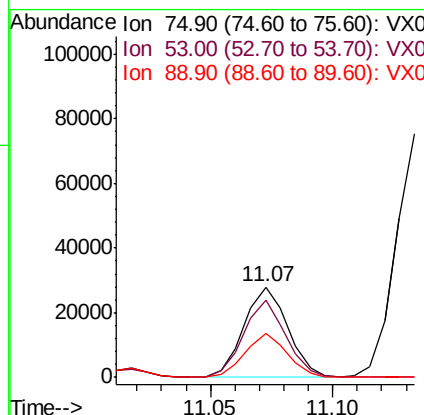
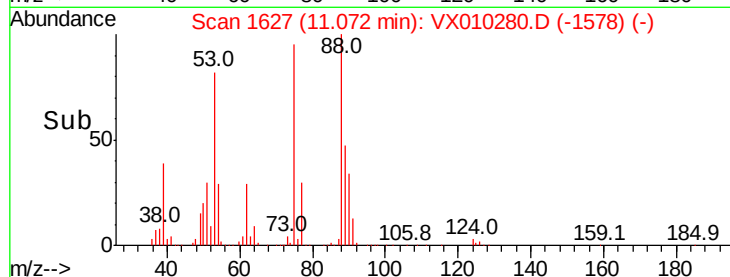
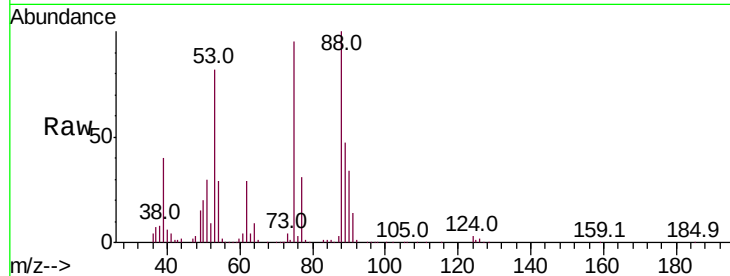
75 100

53 82.5 79.8 119.6

89 48.1 34.2 51.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.661 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010280.D

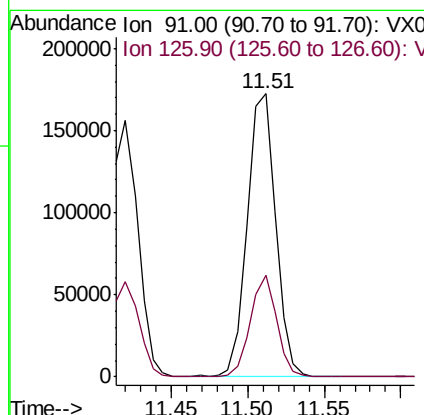
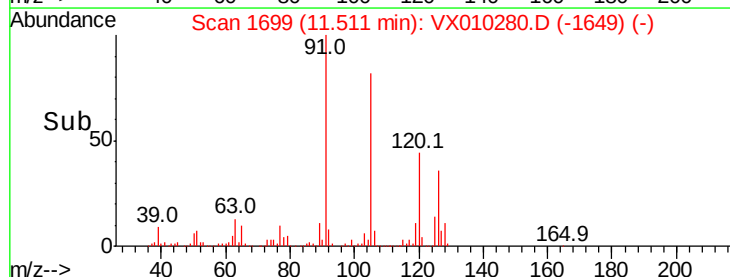
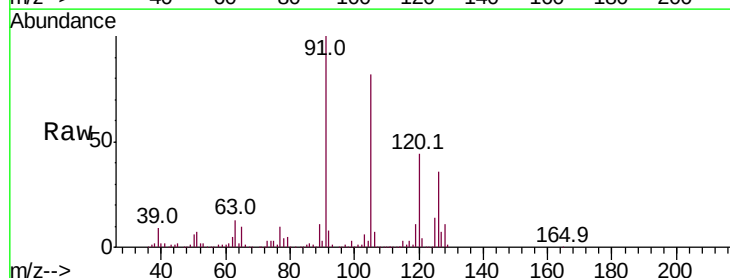
Acq: 13 Jun 2019 18:09

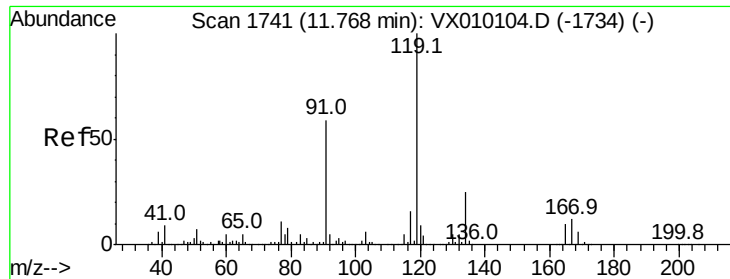
Tgt Ion: 91 Resp: 222223

Ion Ratio Lower Upper

91 100

126 33.3 14.2 42.6





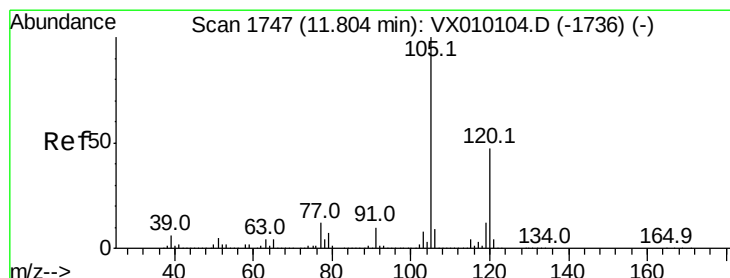
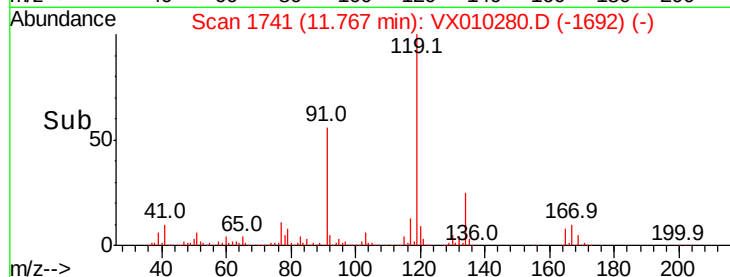
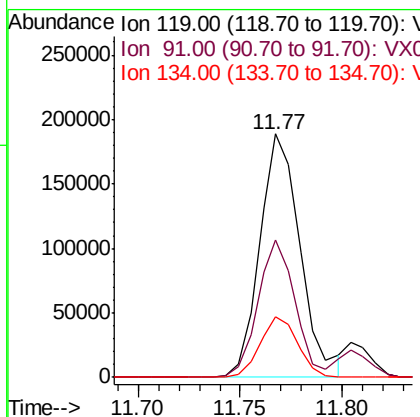
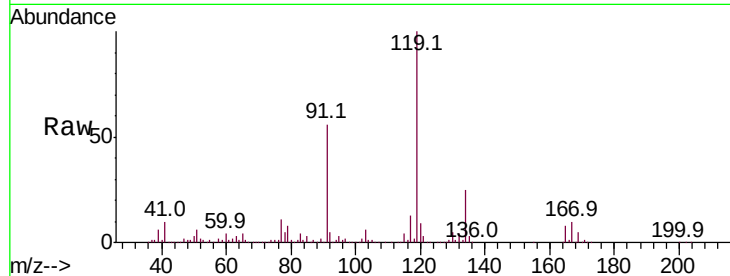
#83
 tert-Butylbenzene
 Concen: 20.519 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010280.D
 Acq: 13 Jun 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	260306		
91	51.9	30.0	90.0	
134	23.4	11.2	33.5	

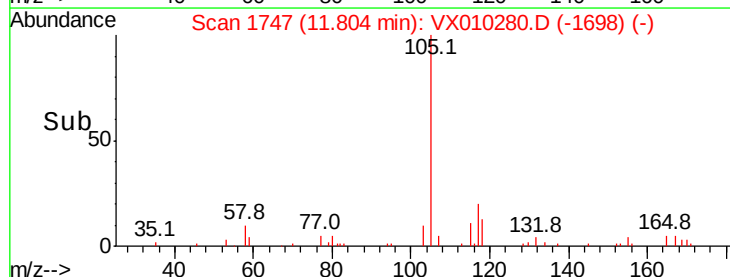
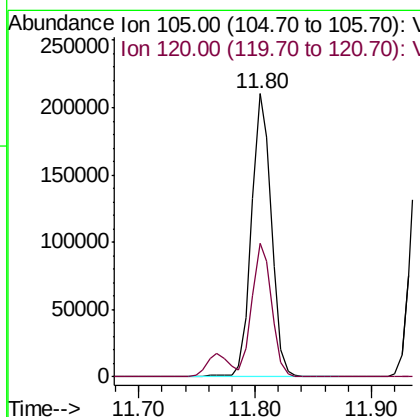
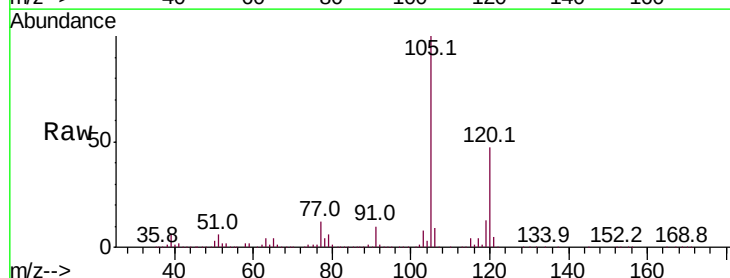
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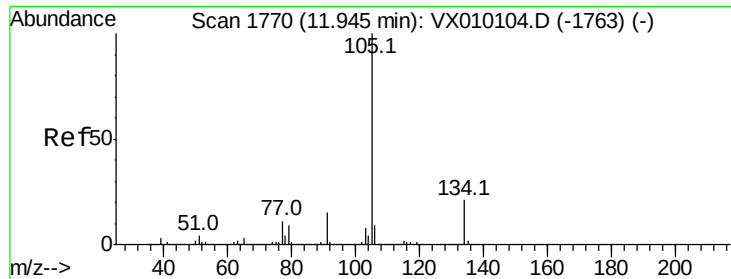
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.796 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010280.D
 Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	250624		
120	46.5	22.1	66.1	





#85

sec-Butylbenzene

Concen: 20.142 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion:105 Resp: 297689

Ion Ratio Lower Upper

105 100

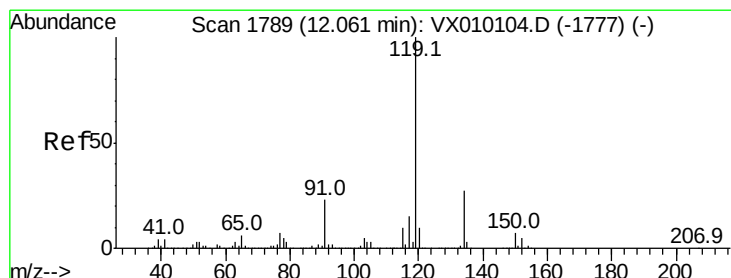
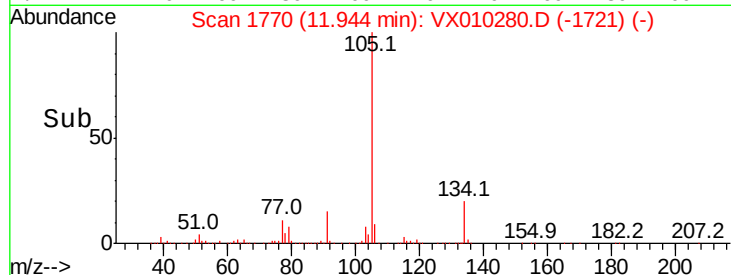
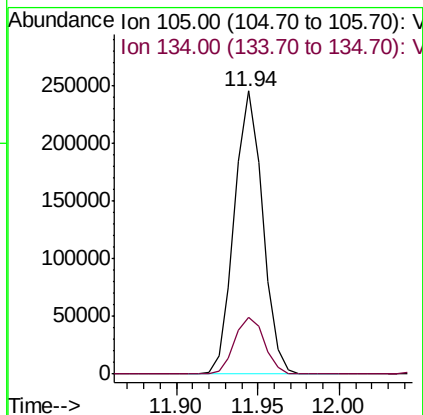
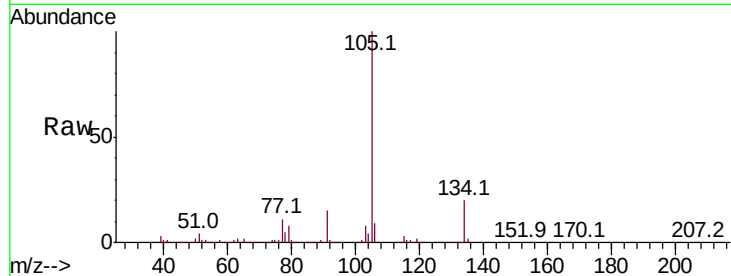
134 21.1 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 19.977 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

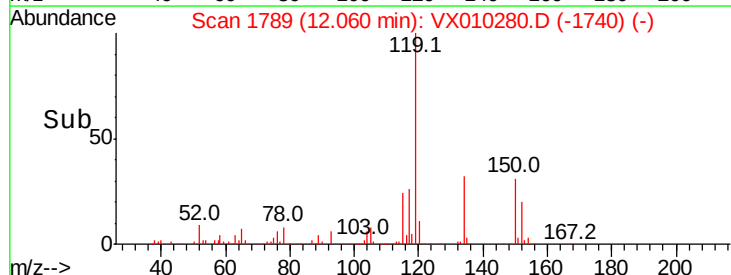
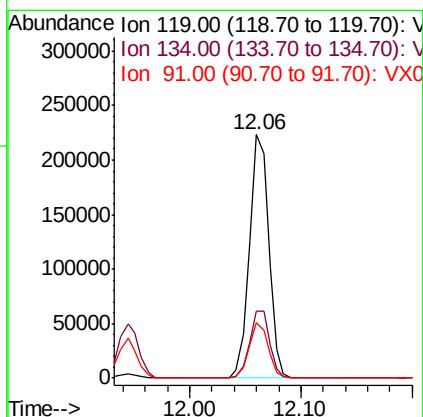
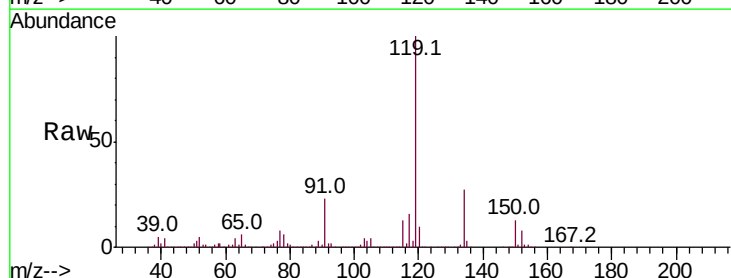
Tgt Ion:119 Resp: 269922

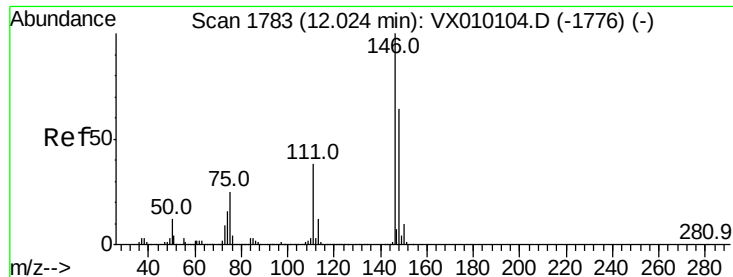
Ion Ratio Lower Upper

119 100

134 28.1 12.9 38.6

91 22.8 11.9 35.9





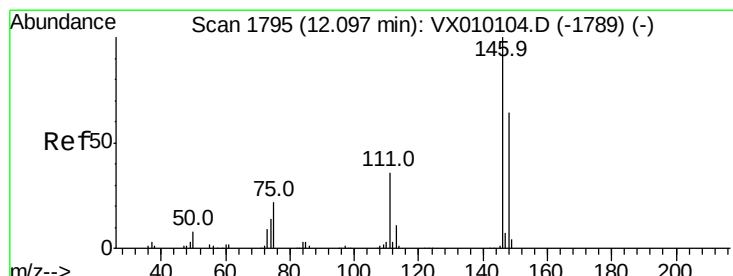
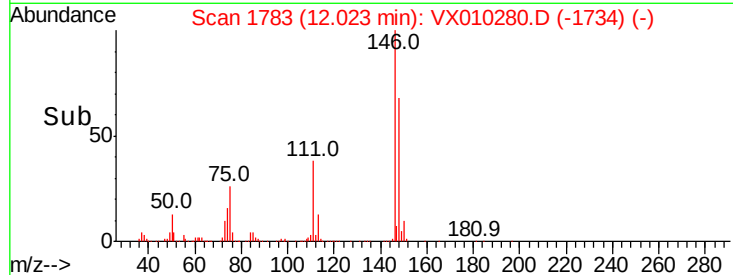
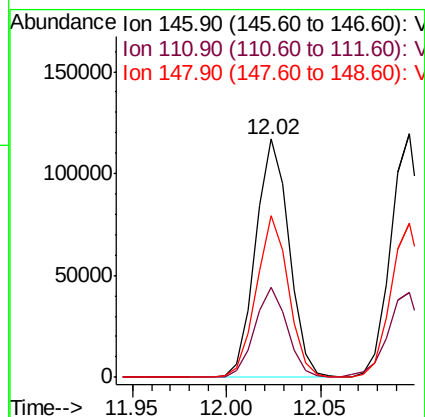
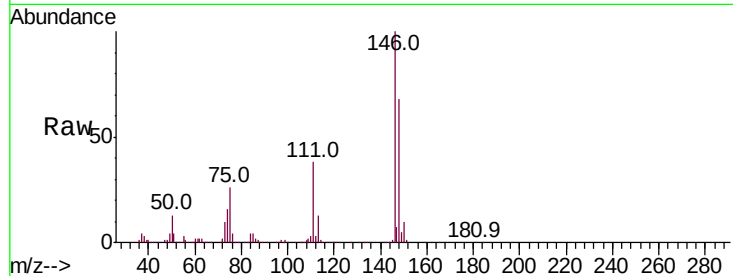
#87
 1,3-Dichlorobenzene
 Concen: 19.998 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010280.D
 Acq: 13 Jun 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	144147		
111	36.5	20.1	60.2	
148	65.0	31.9	95.5	

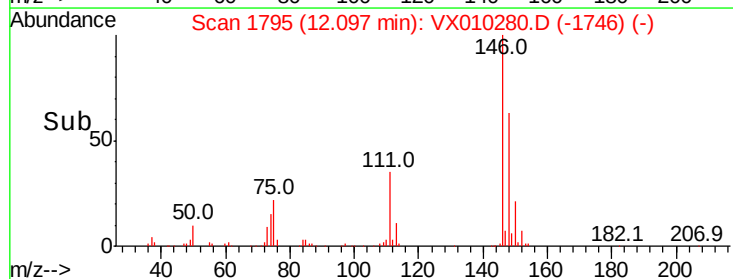
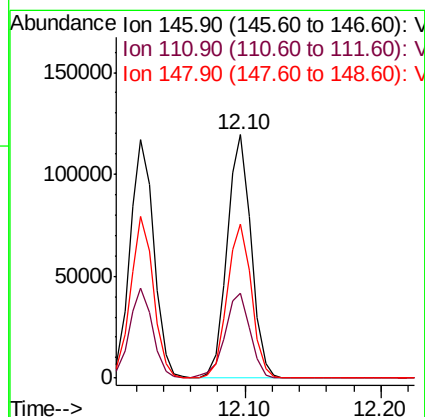
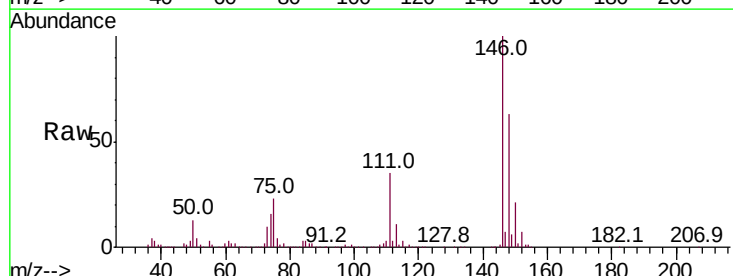
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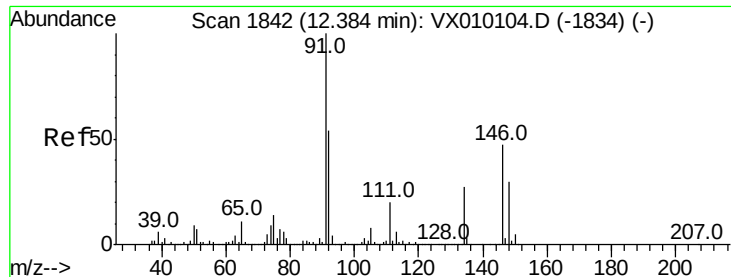
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#88
 1,4-Dichlorobenzene
 Concen: 20.010 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010280.D
 Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	145398		
111	36.6	20.0	59.9	
148	64.1	32.3	96.9	





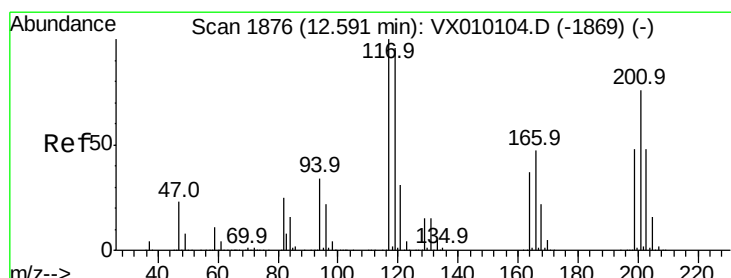
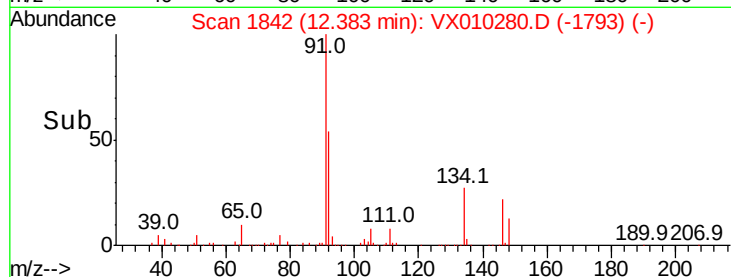
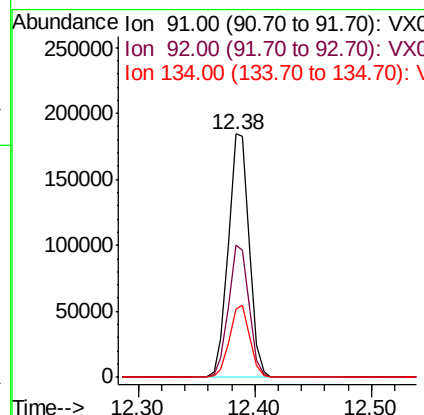
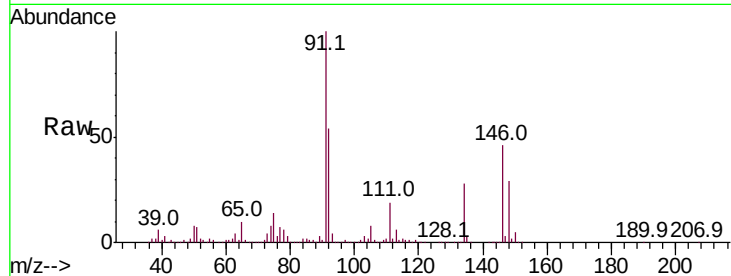
#89
n-Butylbenzene
Concen: 19.608 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.3	78.8
134	28.9	12.3	36.8

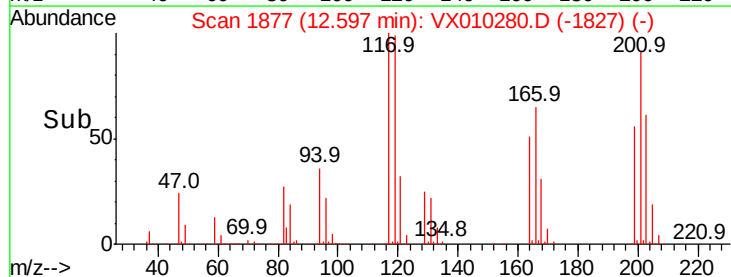
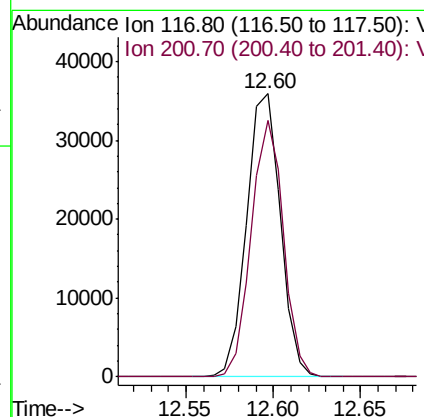
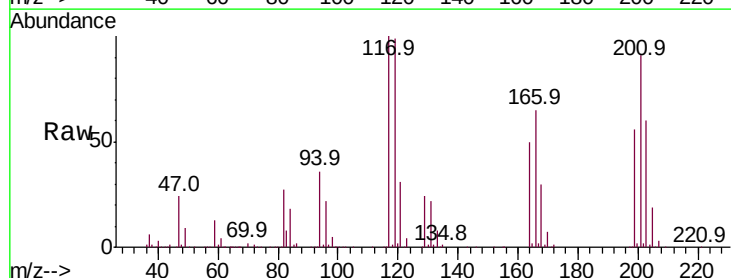
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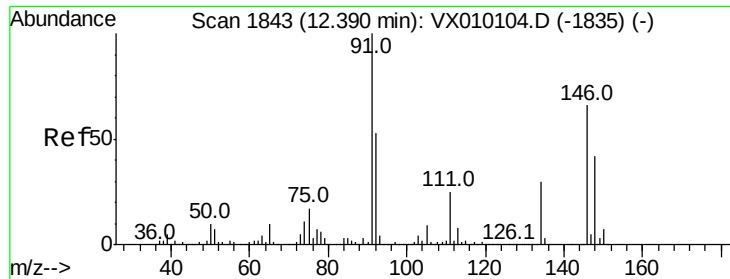
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#90
Hexachloroethane
Concen: 17.878 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.5	43.6	130.9





#91

1,2-Dichlorobenzene

Concen: 20.719 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Instrument :

MSVOA_X

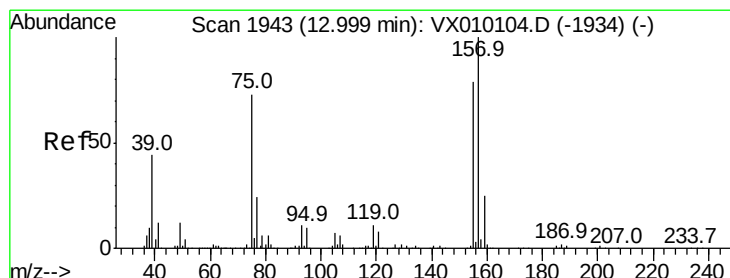
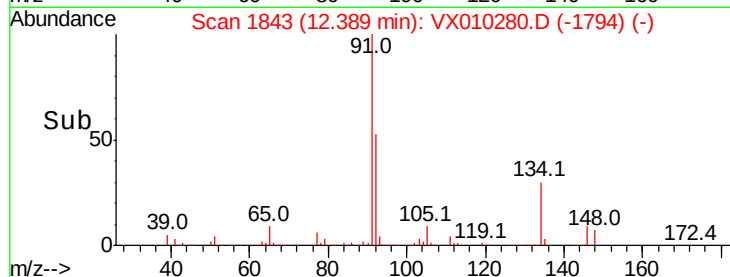
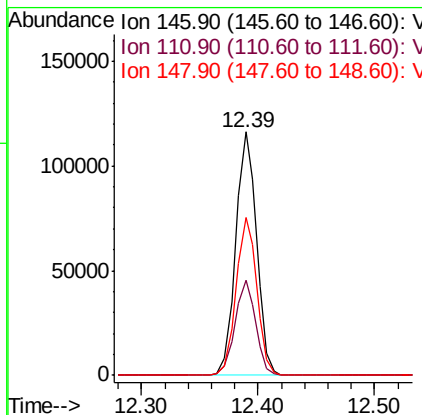
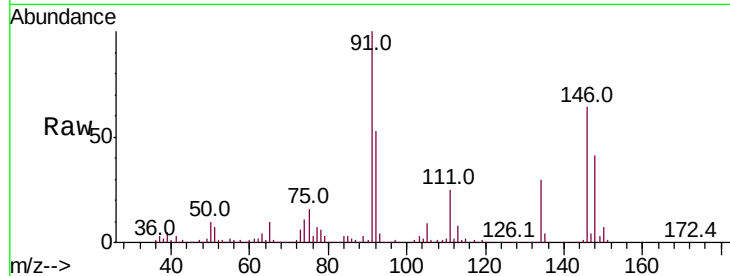
ClientSampleId :

VX0613WBSD01

Tot Ion:	146	Resp:	145193
Ion Ratio	Lower	Upper	
146	100		
111	38.5	21.1	63.1
148	64.4	32.3	96.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.948 ug/l

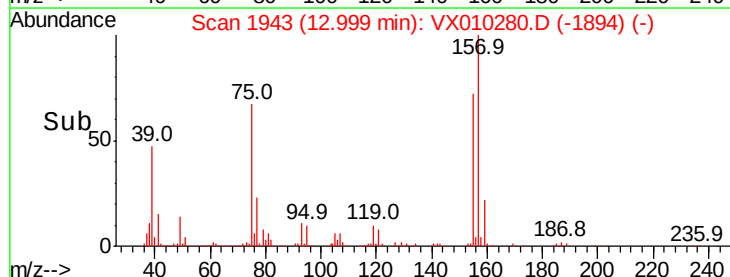
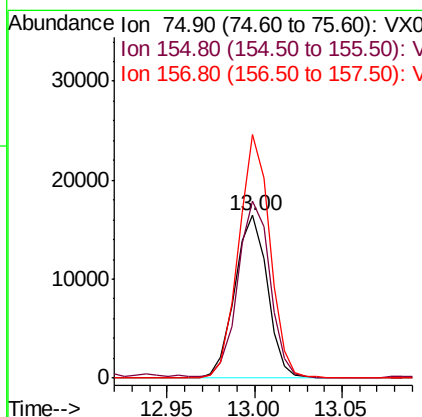
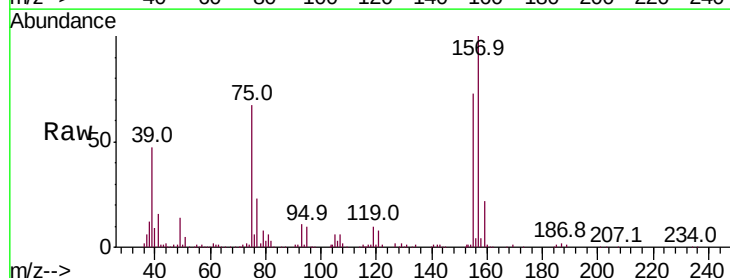
RT: 13.00 min Scan# 1943

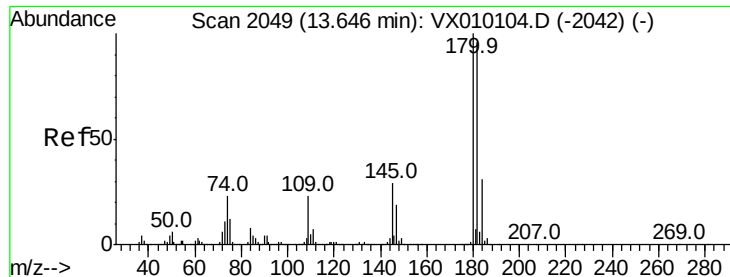
Delta R.T. -0.00 min

Lab File: VX010280.D

Acq: 13 Jun 2019 18:09

Tgt Ion:	75	Resp:	21514
Ion Ratio	Lower	Upper	
75	100		
155	106.5	39.3	117.8
157	143.2	50.6	151.8





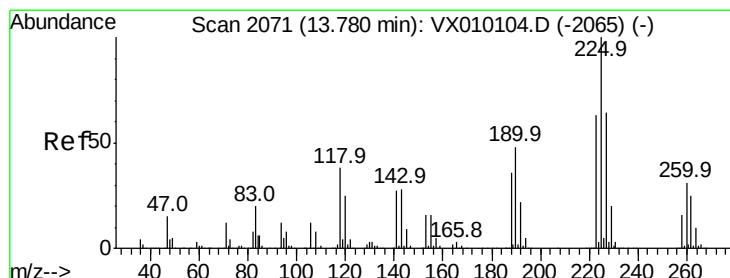
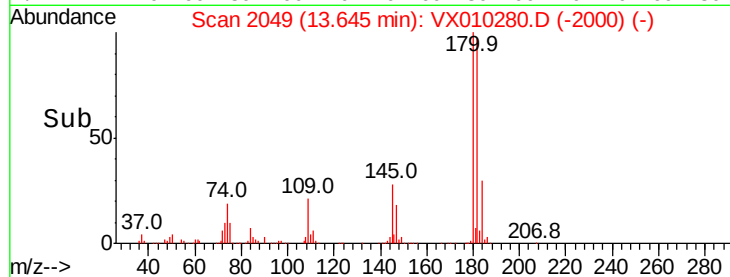
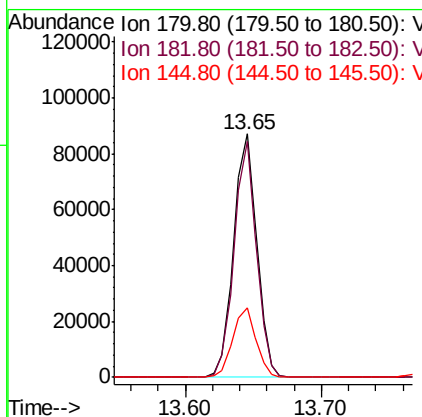
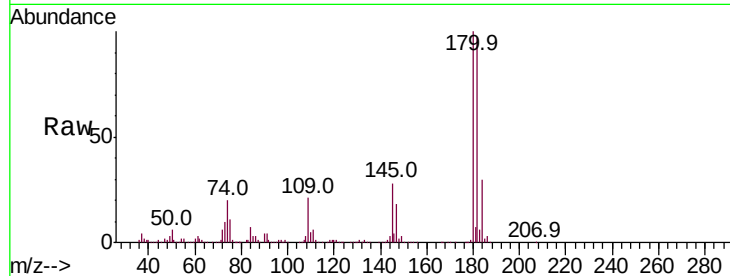
#93
 1,2,4-Trichlorobenzene
 Concen: 20.155 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010280.D
 Acq: 13 Jun 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.7	47.4	142.2	
145	28.8	14.5	43.5	

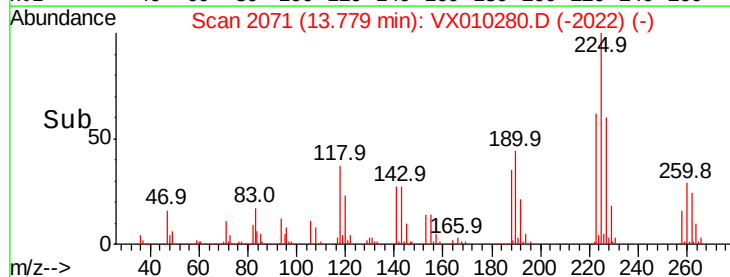
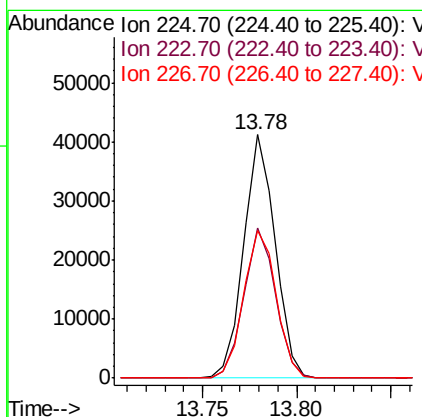
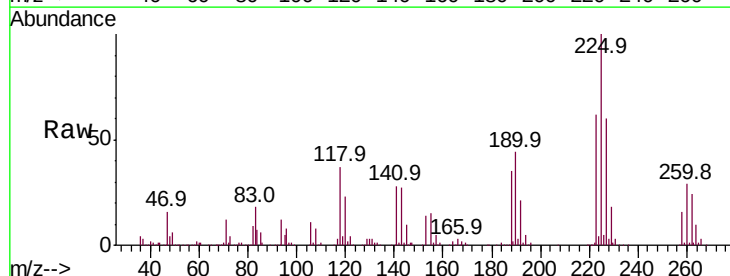
Manual Integrations
 APPROVED

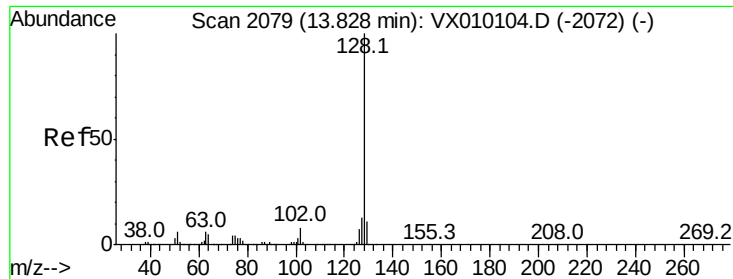
MMDadoda
 6/14/2019 9:17:46 AM



#94
 Hexachlorobutadiene
 Concen: 20.921 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010280.D
 Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	31.3	93.8	
227	62.7	32.3	96.8	





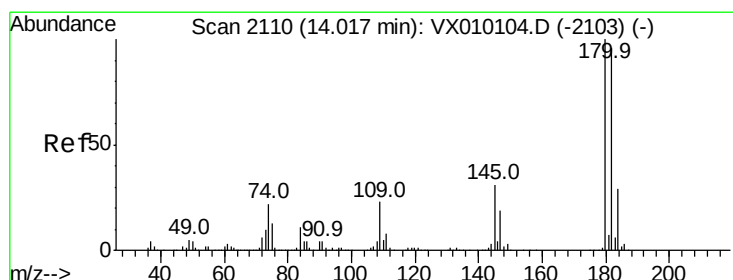
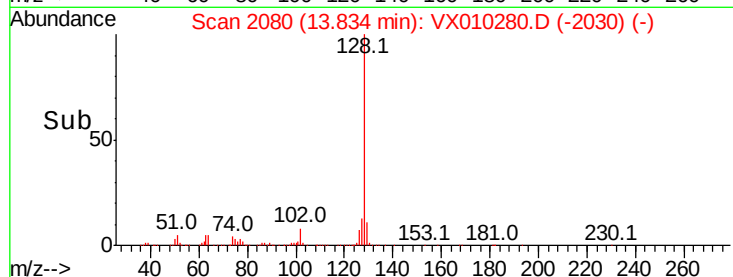
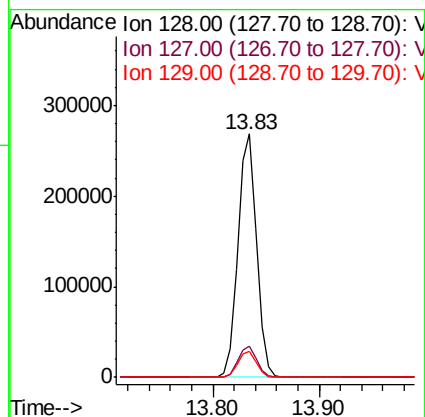
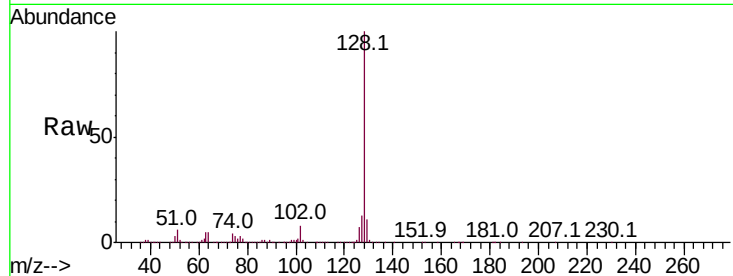
#95
Naphthalene
Concen: 20.354 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampled :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/14/2019 9:17:46 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.162 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010280.D
Acq: 13 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	142.0
145	31.7	15.6	46.7

