

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011137.D
 Acq On : 29 Jul 2019 11:53
 Operator : JC/SP
 Sample : VX0729WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/30/2019 11:09:02 AM

Quant Time: Jul 30 05:33:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	195013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288466	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138530	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110323	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
35) Dibromofluoromethane	5.50	113	98329	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
50) Toluene-d8	8.71	98	365219	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
62) 4-Bromofluorobenzene	11.13	95	134286	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	42216	20.626	ug/l	98
3) Chloromethane	1.33	50	37398	20.854	ug/l	99
4) Vinyl Chloride	1.41	62	40019	21.878	ug/l	98
5) Bromomethane	1.64	94	23670	22.963	ug/l	98
6) Chloroethane	1.72	64	25818	22.210	ug/l	96
7) Trichlorofluoromethane	1.93	101	71356	23.045	ug/l	98
8) Diethyl Ether	2.19	74	23903	22.405	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38612	21.840	ug/l	98
10) Methyl Iodide	2.51	142	45572	19.643	ug/l	99
11) Tert butyl alcohol	3.04	59	53813	111.376	ug/l	100
12) 1,1-Dichloroethene	2.37	96	37527	21.604	ug/l	99
13) Acrolein	2.29	56	17110	61.292	ug/l	98
14) Allyl chloride	2.73	41	54536	21.615	ug/l	97
15) Acrylonitrile	3.14	53	110066	112.735	ug/l	99
16) Acetone	2.44	43	110720	118.163	ug/l	96
17) Carbon Disulfide	2.57	76	81398	18.268	ug/l	99
18) Methyl Acetate	2.78	43	52205	24.468	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	126879	22.690	ug/l	99
20) Methylene Chloride	2.85	84	43289	21.800	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	39718	21.550	ug/l	93
22) Diisopropyl ether	3.85	45	119806	22.514	ug/l	98
23) Vinyl Acetate	3.81	43	507082	112.465	ug/l	100
24) 1,1-Dichloroethane	3.70	63	69224	22.400	ug/l	99
25) 2-Butanone	4.67	43	157277	116.929	ug/l	99
26) 2,2-Dichloropropane	4.59	77	57863	22.803	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	47637	22.333	ug/l	98
28) Bromochloromethane	5.01	49	29024	19.930	ug/l	99
29) Tetrahydrofuran	5.13	42	96495	113.255	ug/l	99
30) Chloroform	5.21	83	74816	22.397	ug/l	98
31) Cyclohexane	5.57	56	58114	20.631	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	64831	22.433	ug/l	100
36) 1,1-Dichloropropene	5.80	75	51761	21.845	ug/l	99
37) Ethyl Acetate	4.83	43	55249	22.771	ug/l	97
38) Carbon Tetrachloride	5.79	117	56813	23.010	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64198	20.893	ug/l	98
40) Benzene	6.14	78	163756	22.561	ug/l	99
41) Methacrylonitrile	5.04	41	31218	22.665	ug/l	97
42) 1,2-Dichloroethane	6.19	62	58084	23.016	ug/l	99
43) Isopropyl Acetate	6.44	43	90814	22.763	ug/l	99
44) Trichloroethene	7.21	130	46115	21.464	ug/l	93
45) 1,2-Dichloropropane	7.51	63	41589	22.513	ug/l	99
46) Dibromomethane	7.66	93	30525	23.124	ug/l	98
47) Bromodichloromethane	7.90	83	54209	23.069	ug/l	100
48) Methyl methacrylate	7.77	41	43635	22.452	ug/l	98
49) 1,4-Dioxane	7.74	88	24423	449.246	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	303083	117.194	ug/l	100
52) Toluene	8.78	92	105174	22.058	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	57131	22.611	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	63540	22.600	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	45633	23.243	ug/l	97
56) Ethyl methacrylate	9.18	69	67284	23.429	ug/l	99
57) 1,3-Dichloropropane	9.37	76	72227	23.191	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	167678	122.314	ug/l	99
59) 2-Hexanone	9.49	43	239202	119.250	ug/l	100
60) Dibromochloromethane	9.58	129	46899	22.235	ug/l	99
61) 1,2-Dibromoethane	9.67	107	47748	22.917	ug/l	99
64) Tetrachloroethene	9.34	164	46030	22.078	ug/l	97
65) Chlorobenzene	10.13	112	121271	22.279	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	44046	23.024	ug/l	98
67) Ethyl Benzene	10.25	91	205811	22.214	ug/l	98
68) m/p-Xylenes	10.35	106	157848	44.414	ug/l	100
69) o-Xylene	10.69	106	78146	22.530	ug/l	99
70) Styrene	10.71	104	130831	22.627	ug/l	99
71) Bromoform	10.85	173	33968	21.056	ug/l #	99
73) Isopropylbenzene	11.02	105	210683	22.508	ug/l	100
74) N-amyl acetate	10.90	43	80809	22.594	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70877	23.138	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	59855m	23.943	ug/l	
77) Bromobenzene	11.26	156	56848	22.018	ug/l	98
78) n-propylbenzene	11.36	91	232691	22.498	ug/l	98
79) 2-Chlorotoluene	11.42	91	139094	22.388	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	176905	22.617	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20227	22.848	ug/l	98
82) 4-Chlorotoluene	11.51	91	162724	22.503	ug/l	99
83) tert-Butylbenzene	11.77	119	172783	22.490	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	176548	22.395	ug/l	99
85) sec-Butylbenzene	11.94	105	205002	22.772	ug/l	99
86) p-Isopropyltoluene	12.06	119	189717	22.796	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	100959	22.532	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	101425	22.071	ug/l	98
89) n-Butylbenzene	12.38	91	160579	22.553	ug/l	100
90) Hexachloroethane	12.60	117	28507	21.717	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	102917	23.176	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14729	23.003	ug/l	98

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ClientSampleId :
VX0729WBSD01

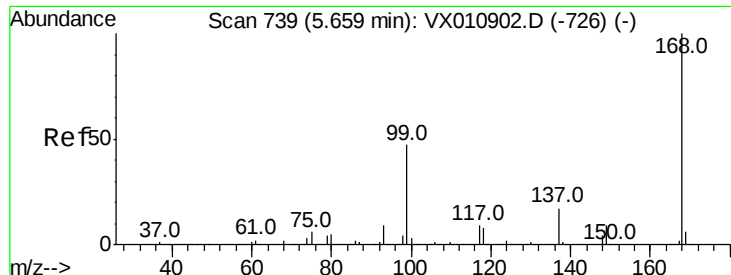
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	68266	22.683	ug/l	99
94) Hexachlorobutadiene	13.78	225	34104	22.867	ug/l	99
95) Naphthalene	13.83	128	213455	24.019	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	70590	23.574	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

Tot Ion:168 Resp: 195013

Ion Ratio Lower Upper

168 100

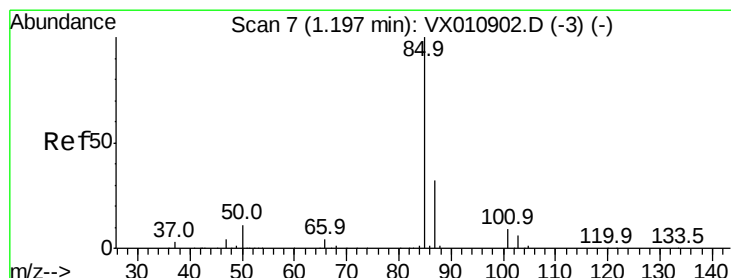
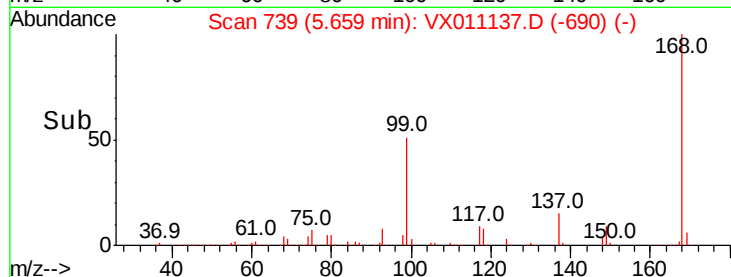
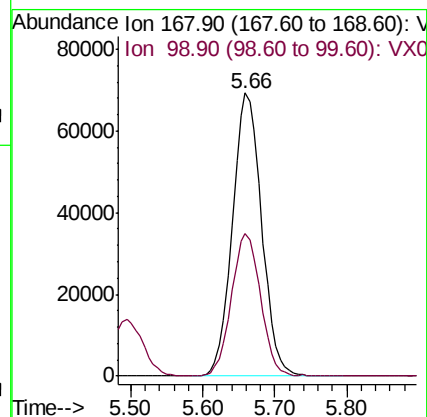
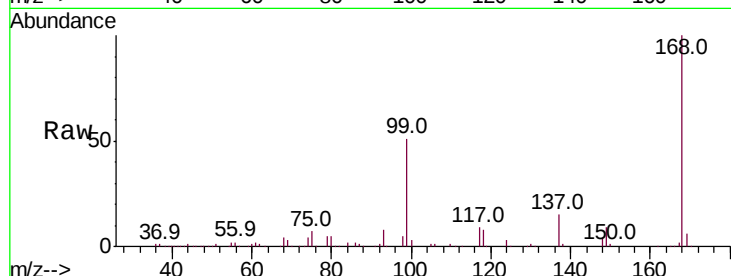
99 50.5 37.6 56.4

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#2

Dichlorodifluoromethane

Concen: 20.626 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011137.D

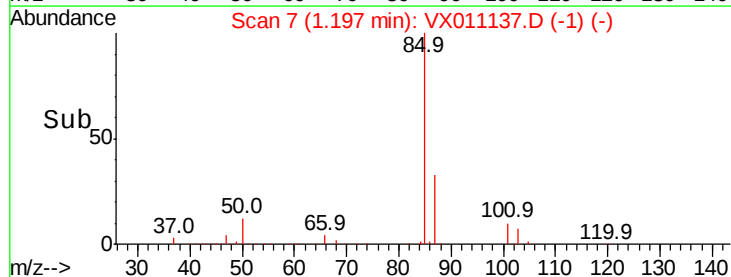
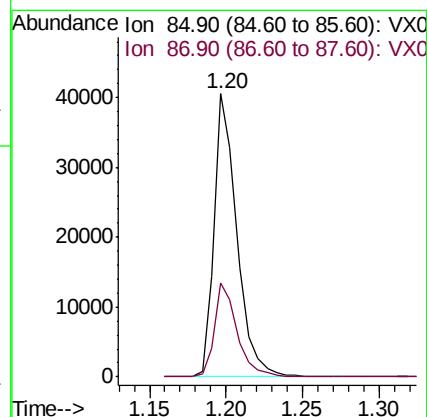
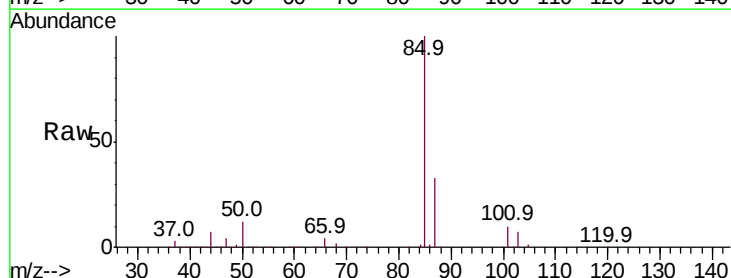
Acq: 29 Jul 2019 11:53

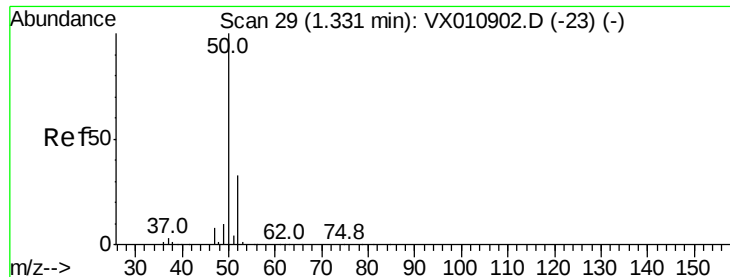
Tgt Ion: 85 Resp: 42216

Ion Ratio Lower Upper

85 100

87 33.0 15.9 47.7





#3

Chloromethane

Concen: 20.854 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

Tot Ion: 50 Resp: 37398

Ion Ratio Lower Upper

50 100

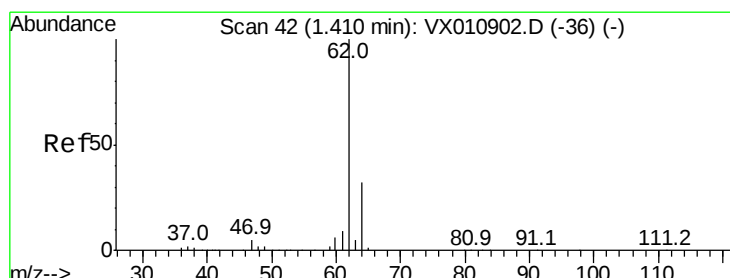
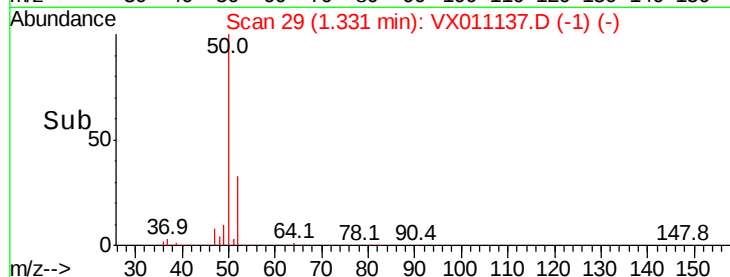
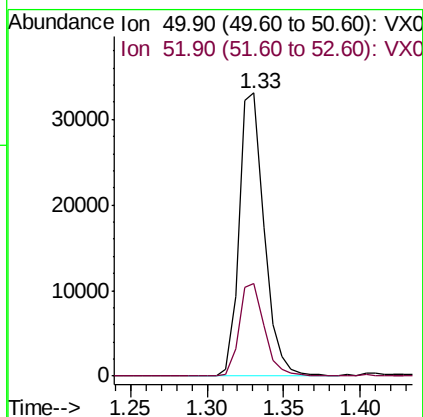
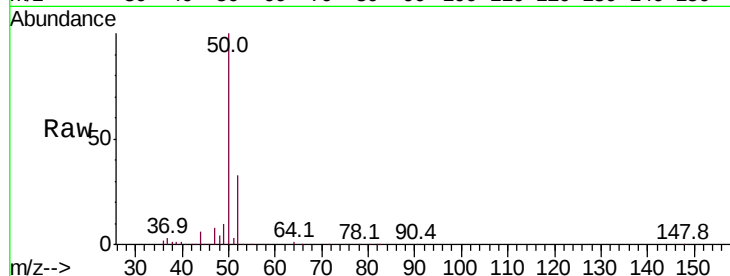
52 32.7 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.878 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX011137.D

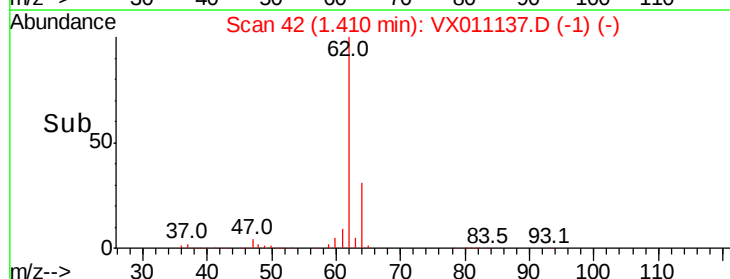
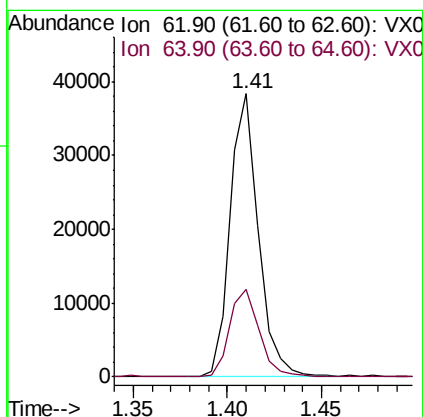
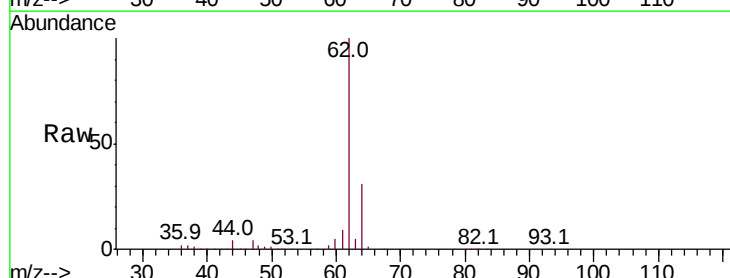
Acq: 29 Jul 2019 11:53

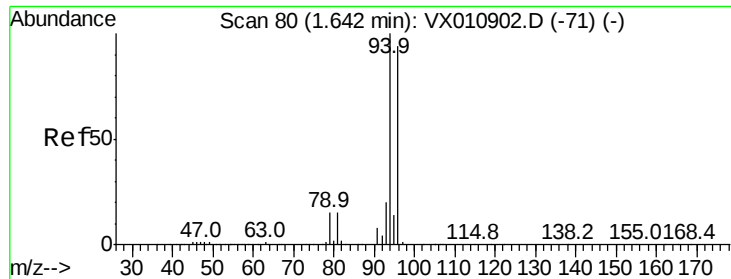
Tgt Ion: 62 Resp: 40019

Ion Ratio Lower Upper

62 100

64 30.8 25.7 38.5





#5

Bromomethane

Concen: 22.963 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

Tot Ion: 94 Resp: 23670

Ion Ratio Lower Upper

94 100

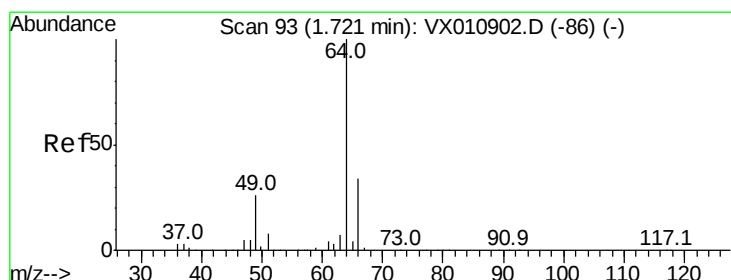
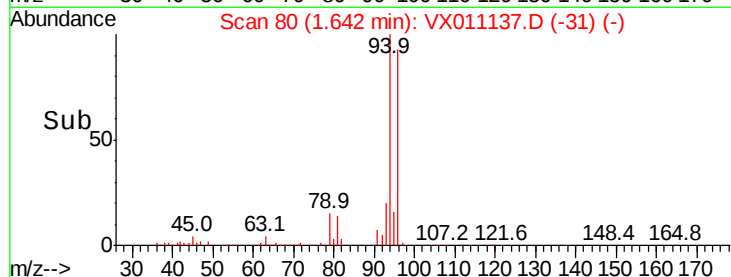
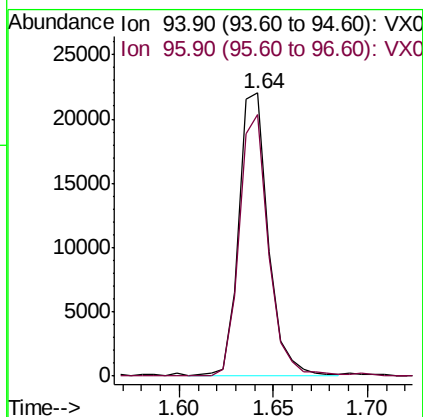
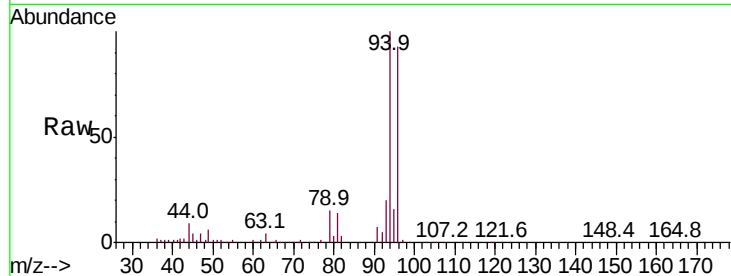
96 92.9 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 22.210 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011137.D

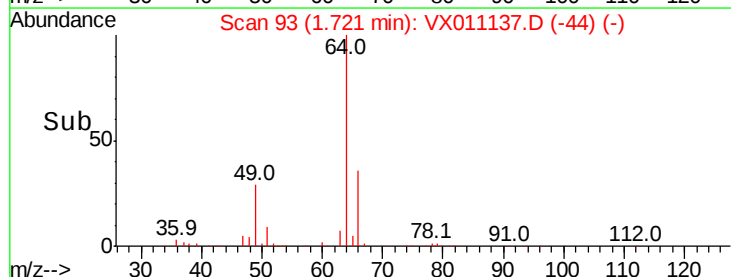
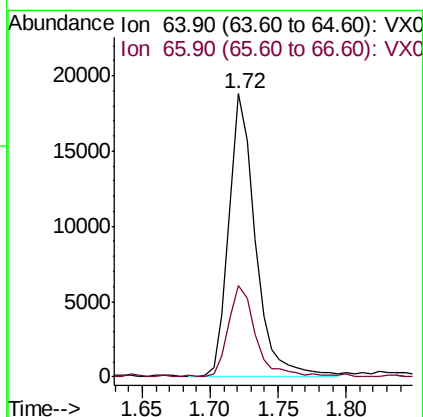
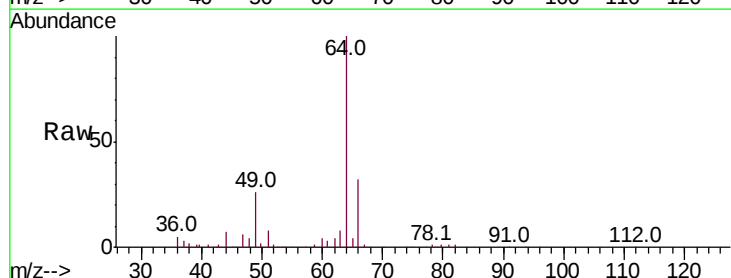
Acq: 29 Jul 2019 11:53

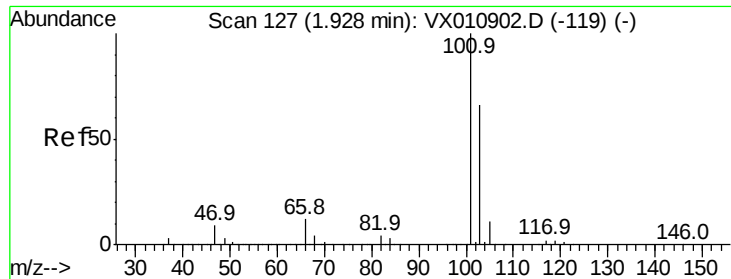
Tgt Ion: 64 Resp: 25818

Ion Ratio Lower Upper

64 100

66 31.7 27.0 40.6





#7

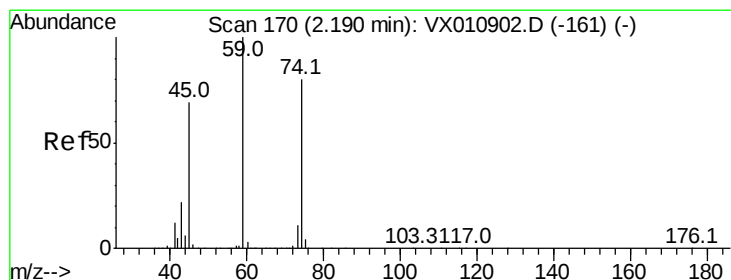
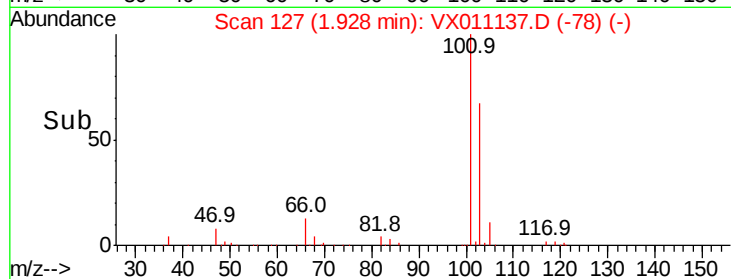
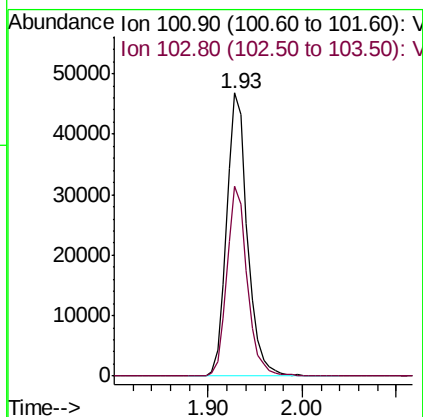
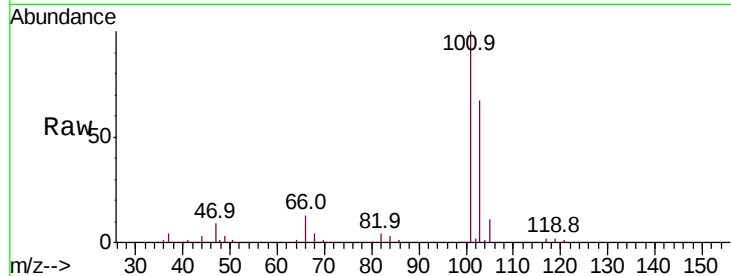
Trichlorofluoromethane
Concen: 23.045 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

Tot Ion:101 Resp: 71356
Ion Ratio Lower Upper
101 100
103 66.9 52.6 78.8

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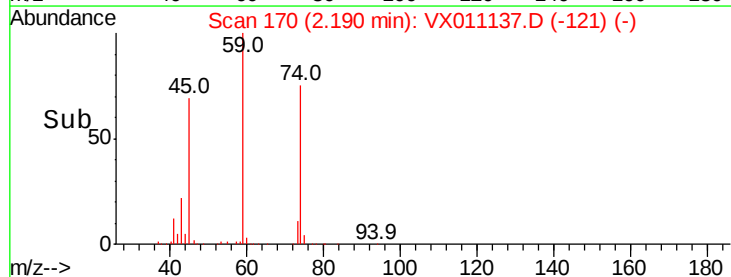
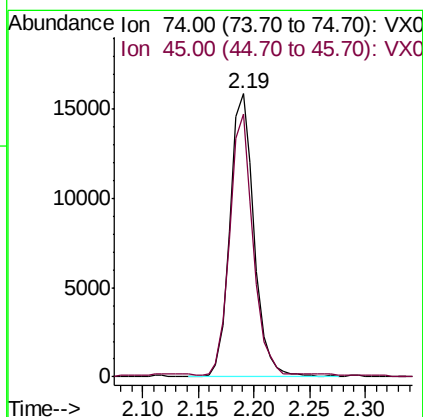
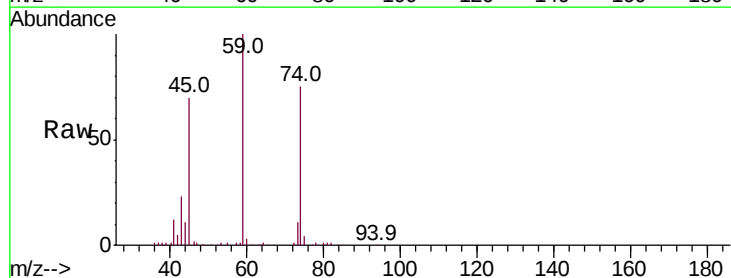
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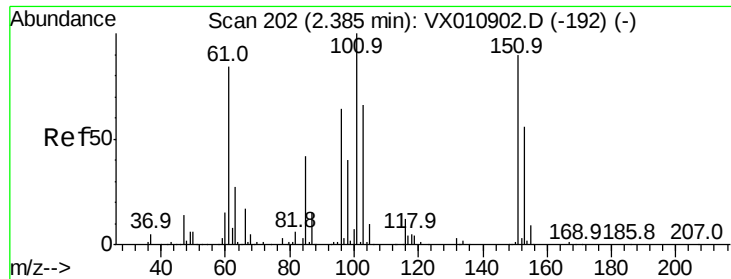


#8

Diethyl Ether
Concen: 22.405 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Tgt Ion: 74 Resp: 23903
Ion Ratio Lower Upper
74 100
45 88.3 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.840 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

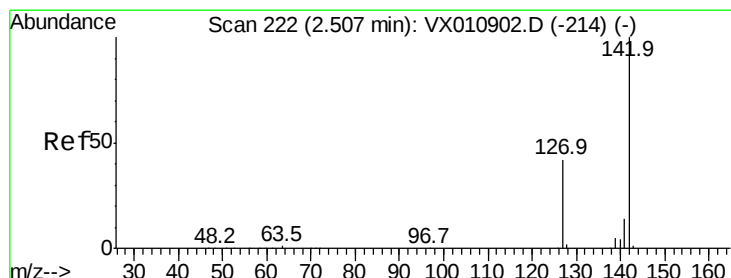
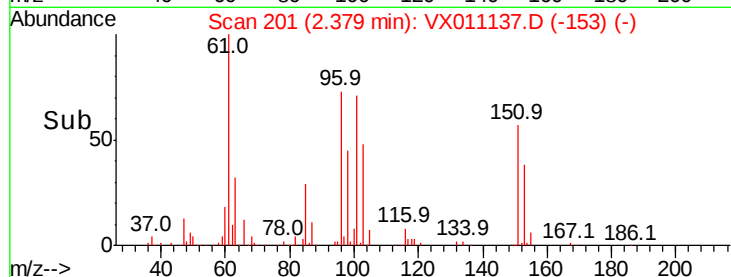
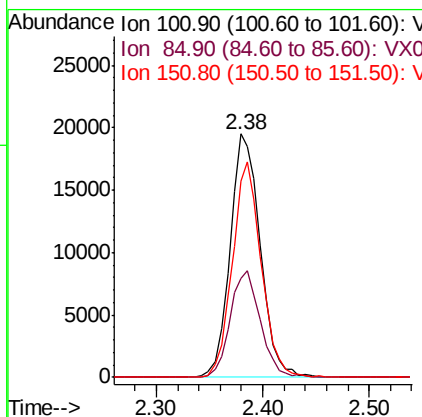
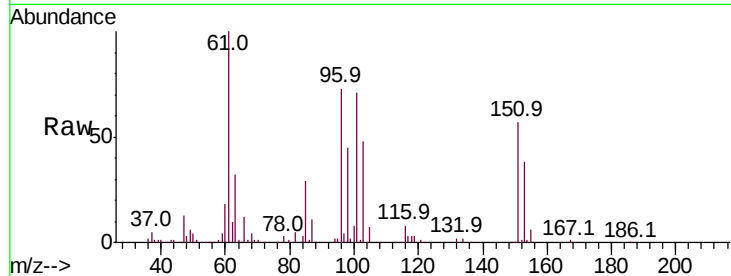
ClientSampleId :

VX0729WBSD01

Tot Ion:	101	Resp:	38612
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.6	52.0
151	85.2	69.6	104.4

Manual Integrations
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#10

Methyl Iodide

Concen: 19.643 ug/l

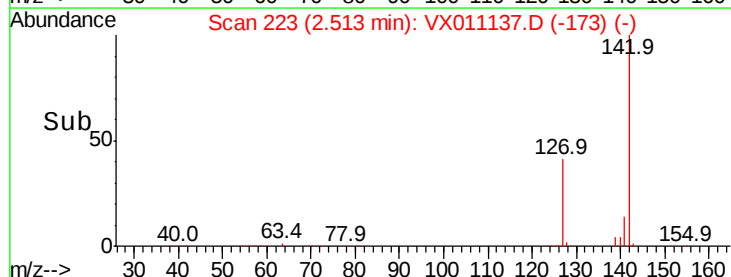
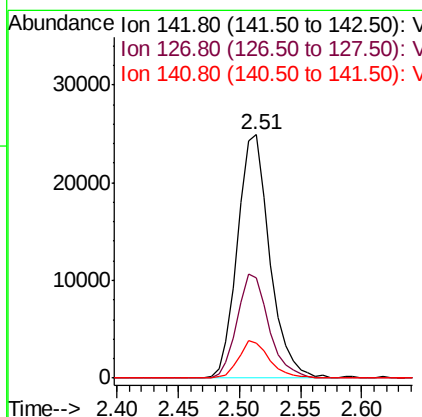
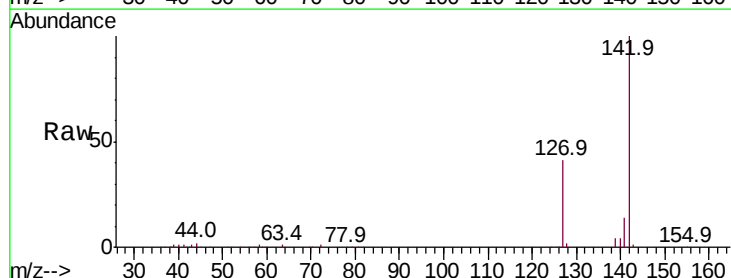
RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Tgt Ion:	142	Resp:	45572
Ion Ratio	Lower	Upper	
142	100		
127	42.1	34.2	51.4
141	14.8	11.7	17.5





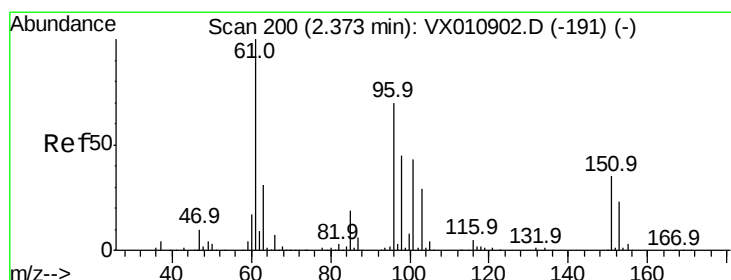
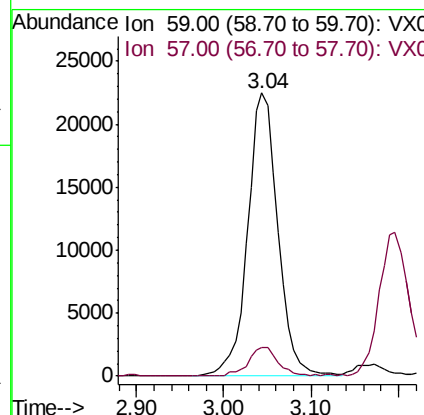
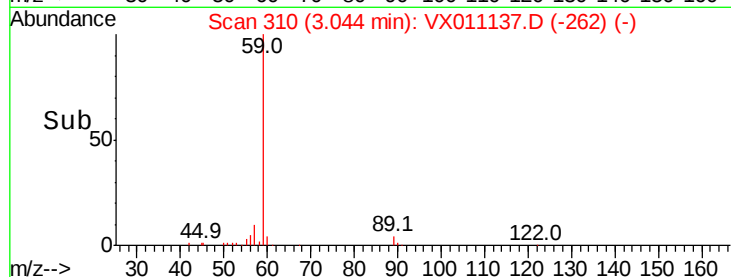
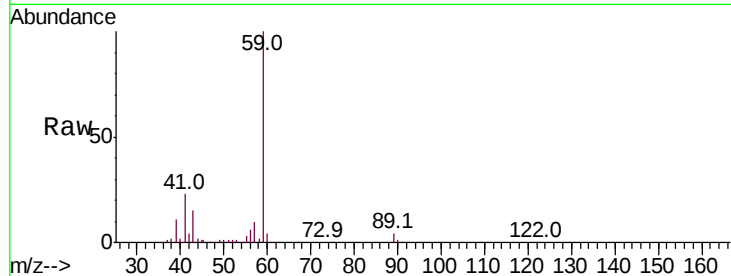
#11
Tert butyl alcohol
Concen: 111.376 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Instrument :
MSVOA_X
ClientSampleID :
VX0729WBSD01

Tot Ion: 59 Resp: 53813
Ion Ratio Lower Upper
59 100
57 10.1 7.9 11.9

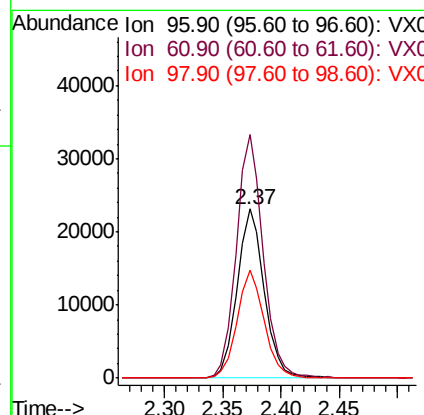
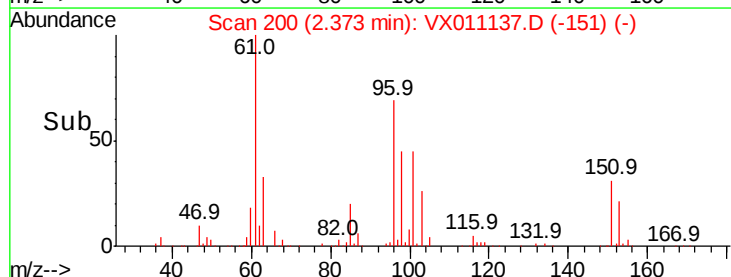
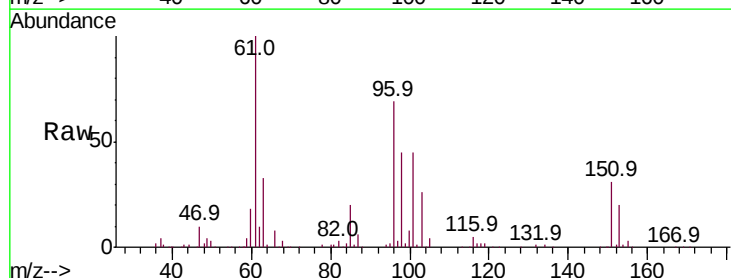
Manual Integrations
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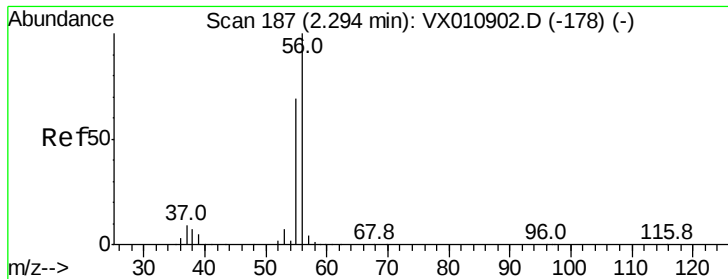
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#12
1,1-Dichloroethene
Concen: 21.604 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Tgt Ion: 96 Resp: 37527
Ion Ratio Lower Upper
96 100
61 144.2 115.0 172.4
98 64.2 52.2 78.2





#13

Acrolein

Concen: 61.292 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

Tot Ion: 56 Resp: 17110

Ion Ratio Lower Upper

56 100

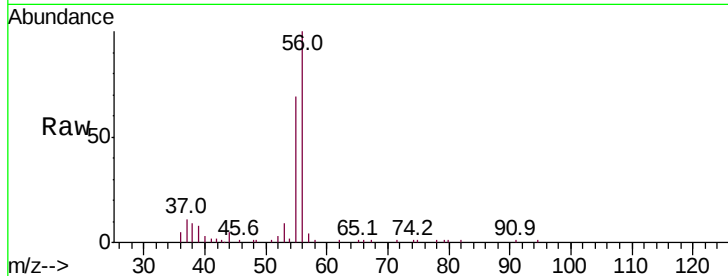
55 68.5 55.9 83.9

Manual Integrations

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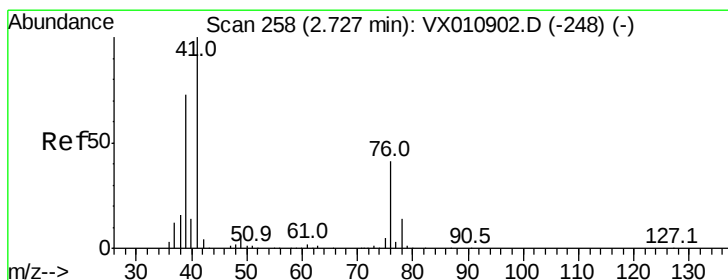
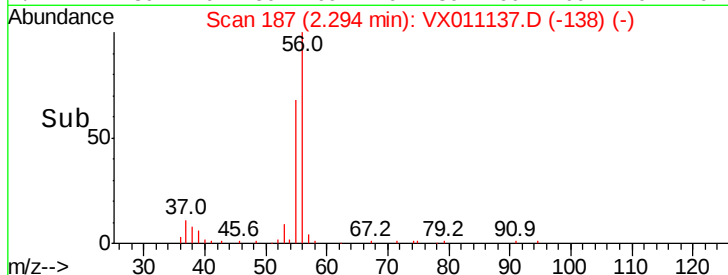
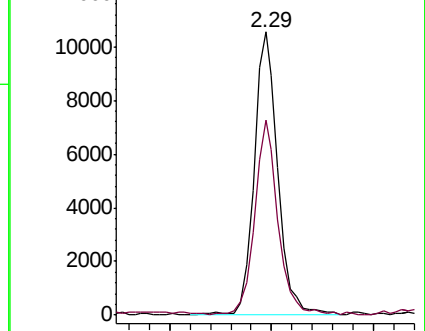
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 21.615 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

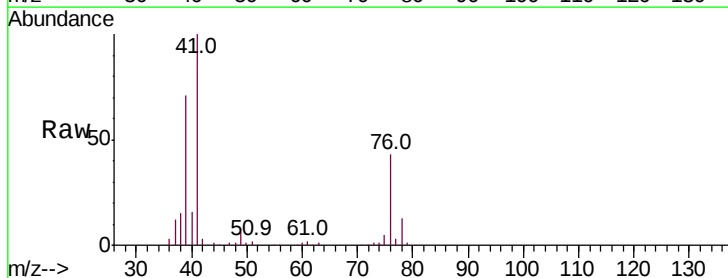
Tgt Ion: 41 Resp: 54536

Ion Ratio Lower Upper

41 100

39 69.8 53.6 80.4

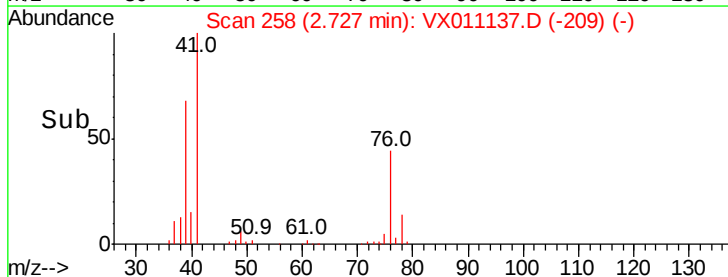
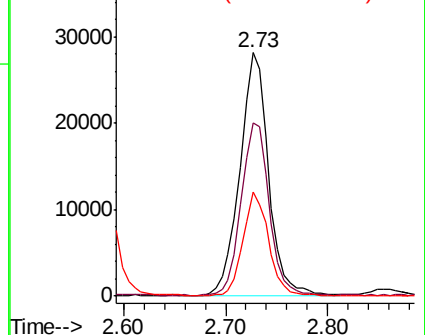
76 38.9 29.7 44.5

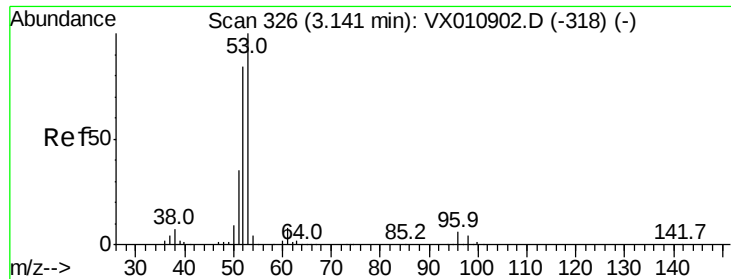


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 112.735 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

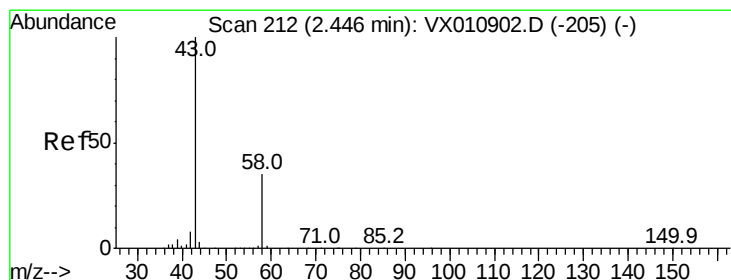
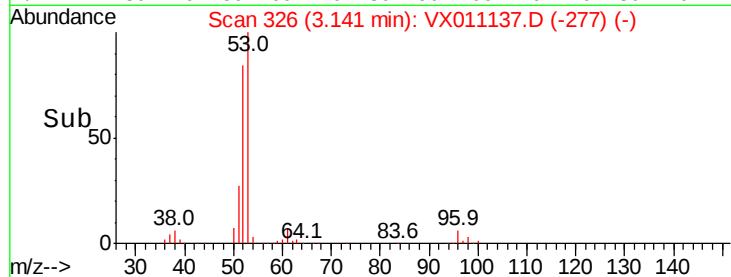
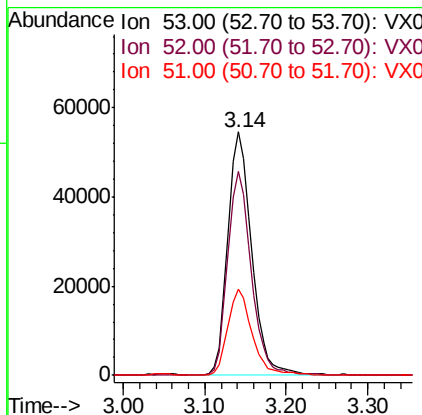
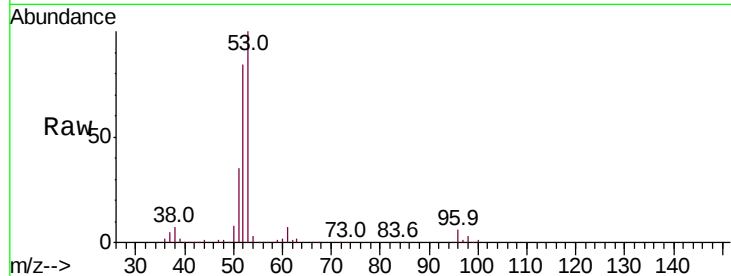
ClientSampleId :

VX0729WBSD01

Tot Ion	53	Resp	110066
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.5	99.7
51	36.4	28.2	42.4

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#16

Acetone

Concen: 118.163 ug/l

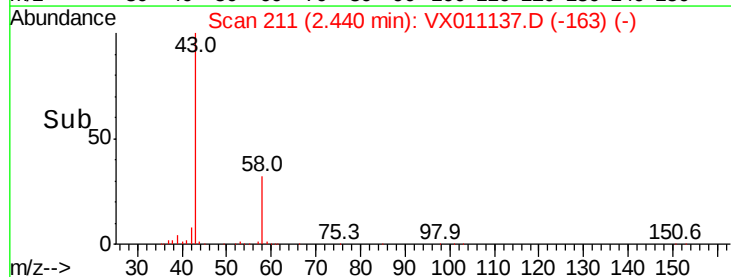
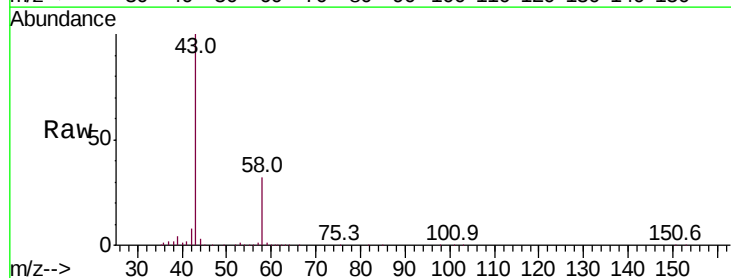
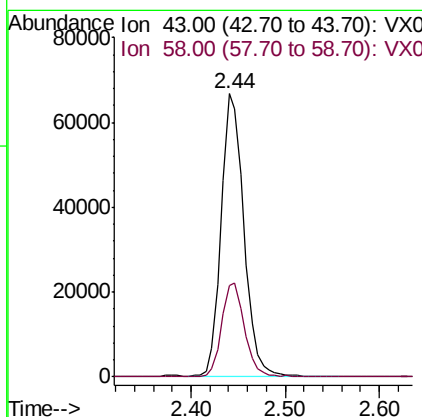
RT: 2.44 min Scan# 211

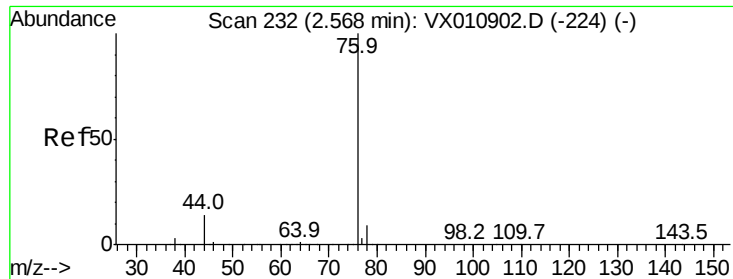
Delta R.T. -0.01 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Tgt Ion	43	Resp	110720
Ion	Ratio	Lower	Upper
43	100		
58	32.1	27.7	41.5





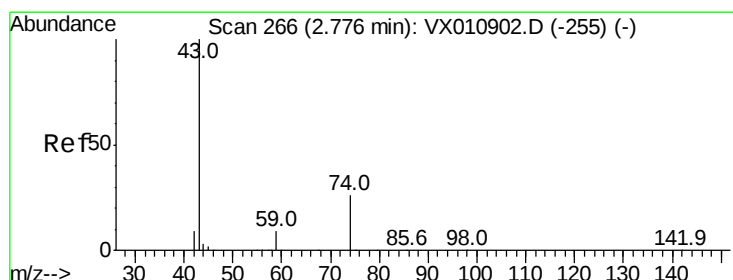
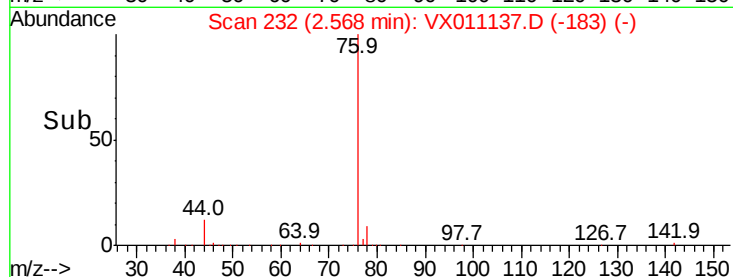
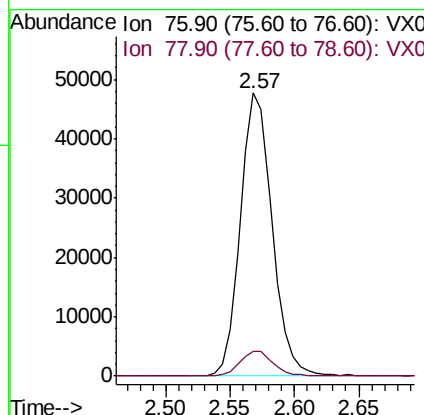
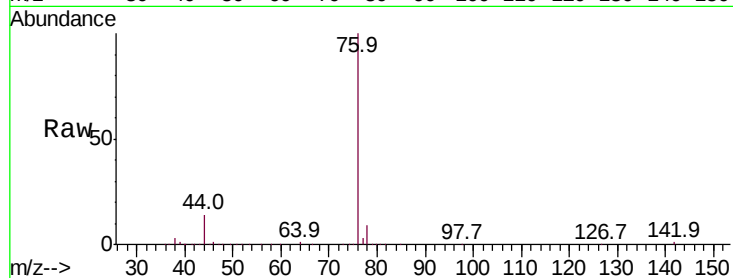
#17
Carbon Disulfide
Concen: 18.268 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0

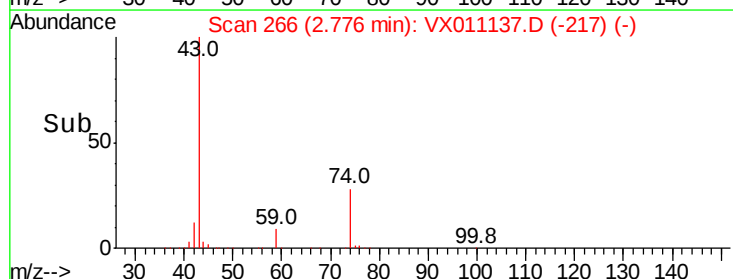
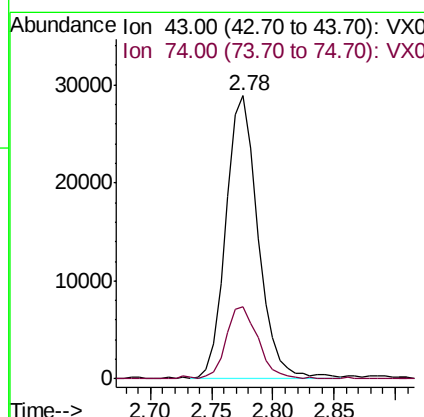
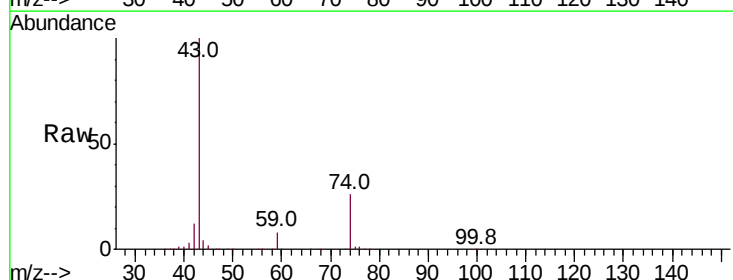
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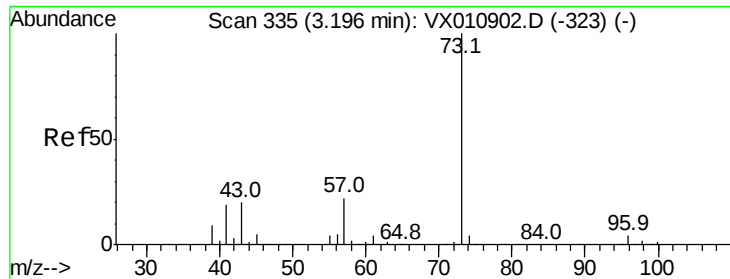
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#18
Methyl Acetate
Concen: 24.468 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	21.5	32.3





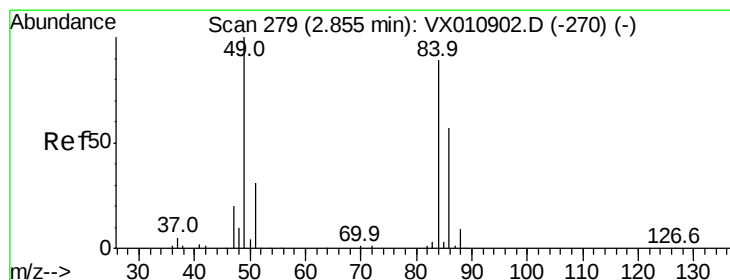
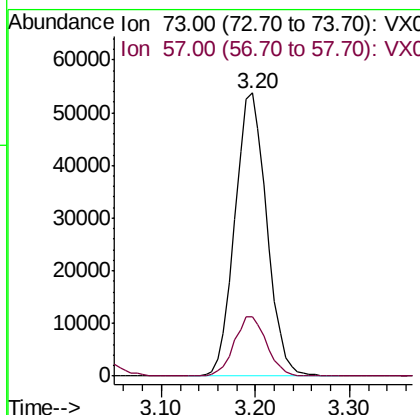
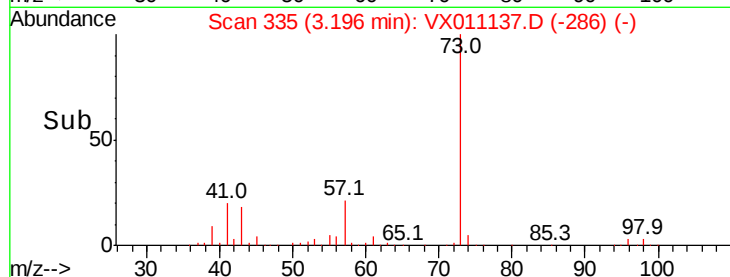
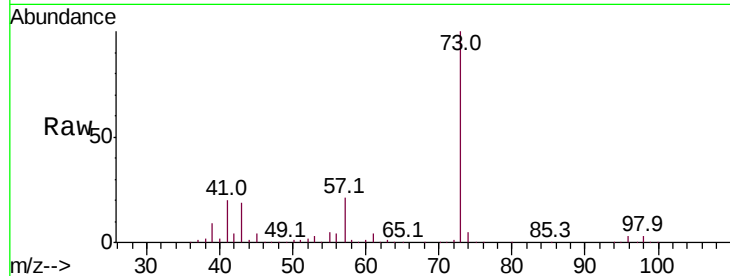
#19
Methvl tert-butvl Ether
Concen: 22.690 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

Tot Ion: 73 Resp: 126879
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

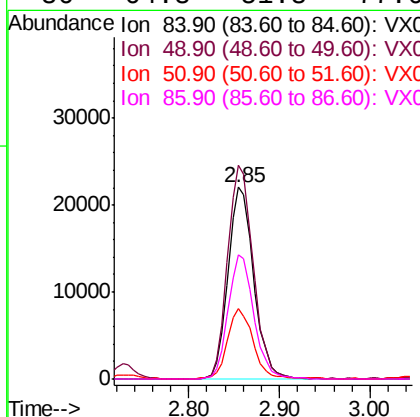
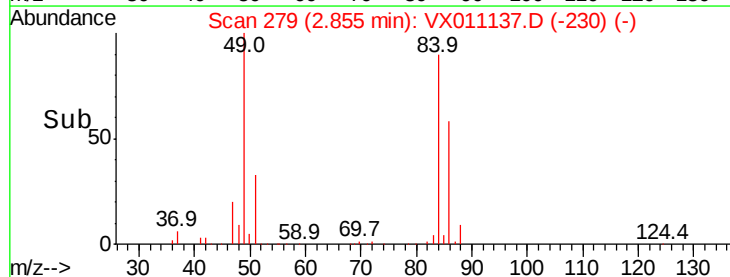
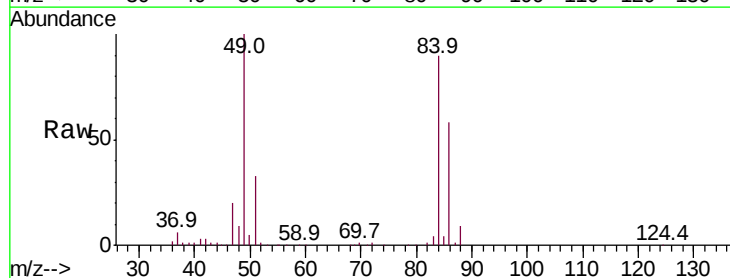
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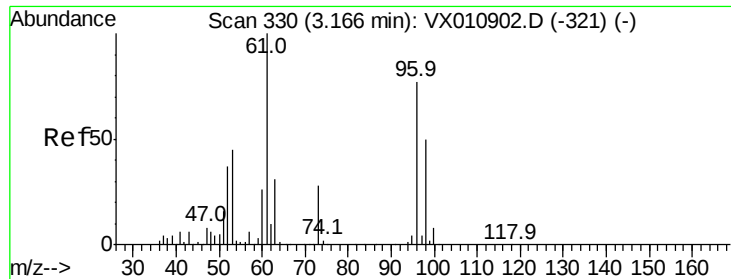
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#20
Methylene Chloride
Concen: 21.800 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Tgt Ion: 84 Resp: 43289
Ion Ratio Lower Upper
84 100
49 111.6 89.9 134.9
51 37.1 27.8 41.6
86 64.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 21.550 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

Tot Ion: 96 Resp: 39718

Ion Ratio Lower Upper

96 100

61 120.4 104.2 156.2

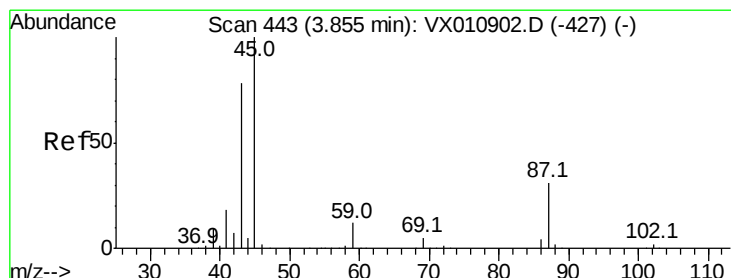
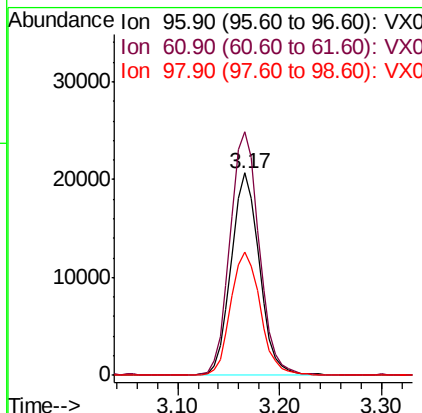
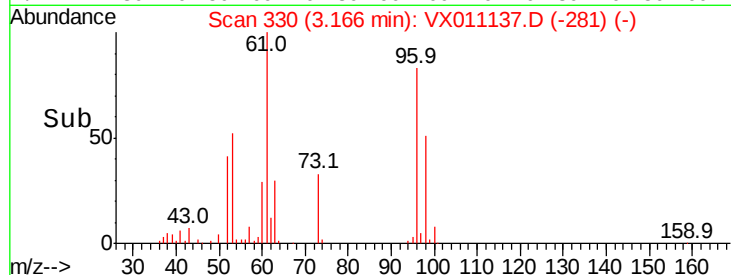
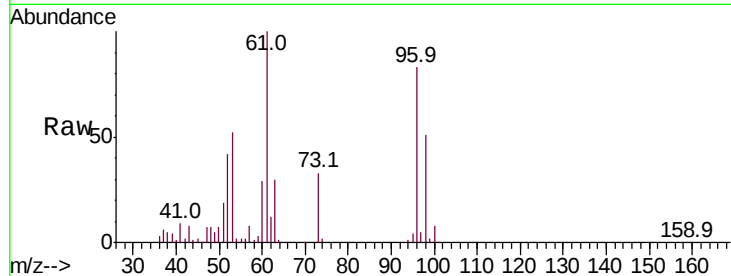
98 60.9 52.2 78.4

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#22

Diisopropyl ether

Concen: 22.514 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Tgt Ion: 45 Resp: 119806

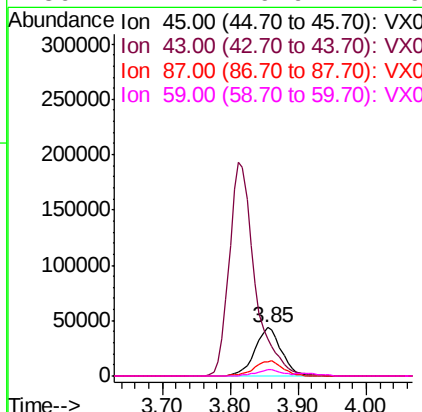
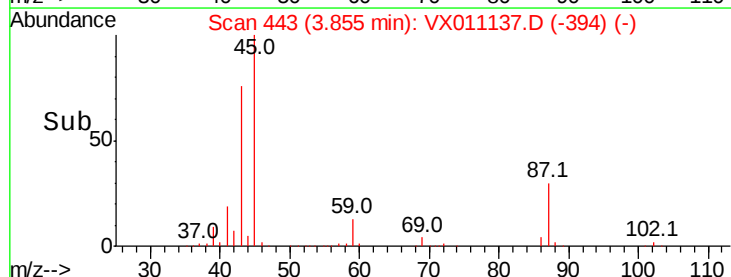
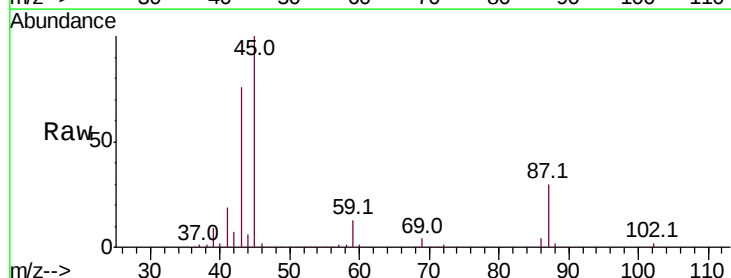
Ion Ratio Lower Upper

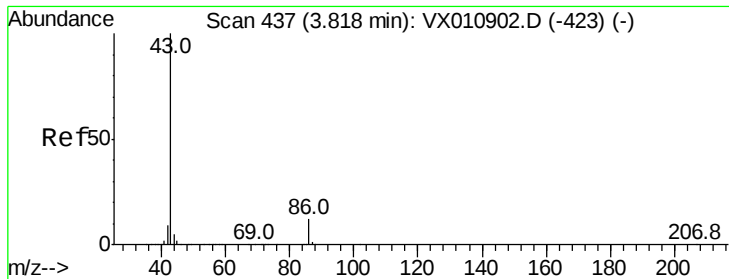
45 100

43 75.3 62.3 93.5

87 30.2 25.0 37.4

59 12.7 9.9 14.9





#23

Vinyl Acetate

Concen: 112.465 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

Tot Ion: 43 Resp: 507082

Ion Ratio Lower Upper

43 100

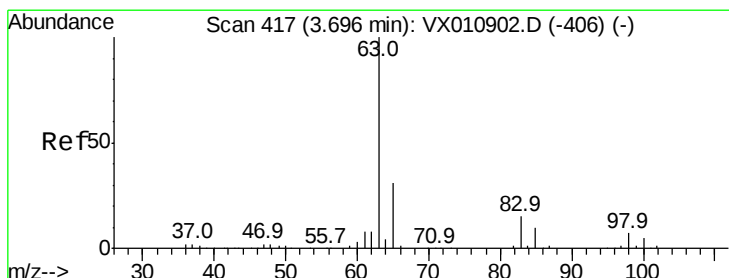
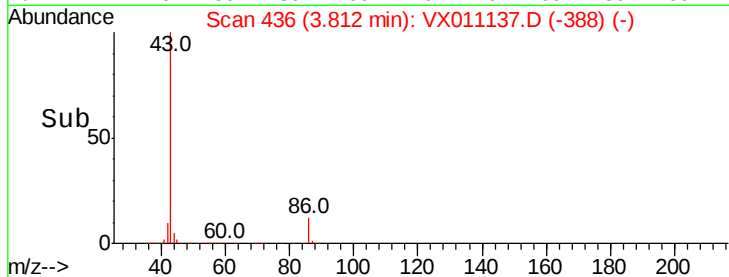
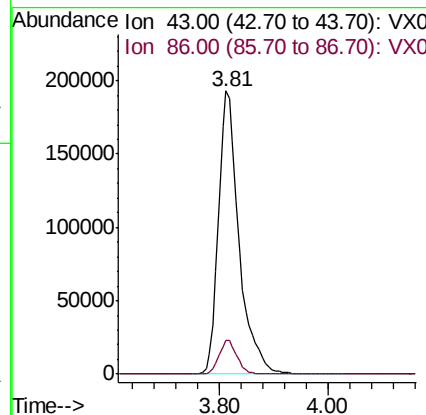
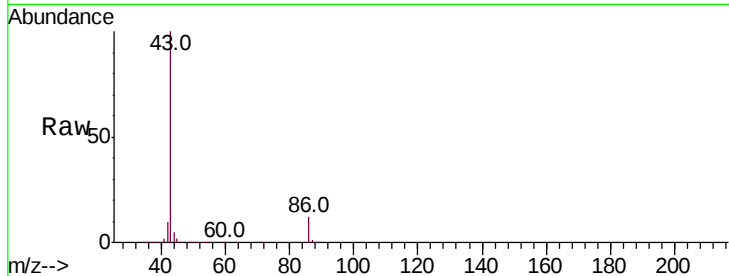
86 11.8 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 22.400 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

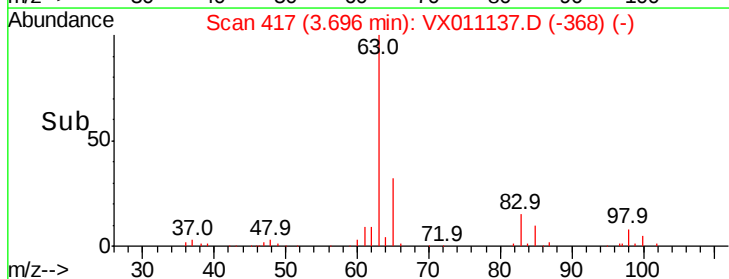
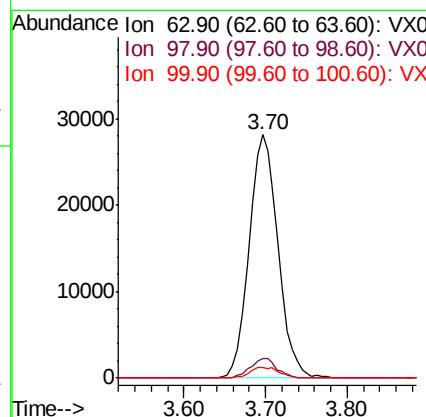
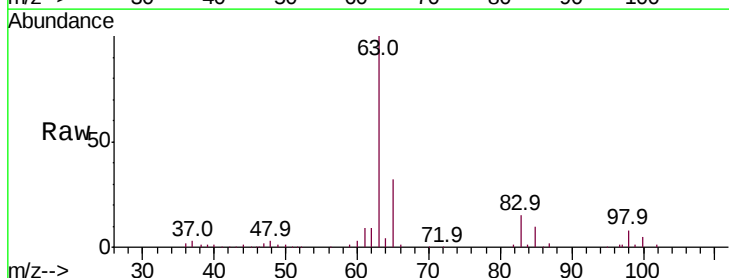
Tgt Ion: 63 Resp: 69224

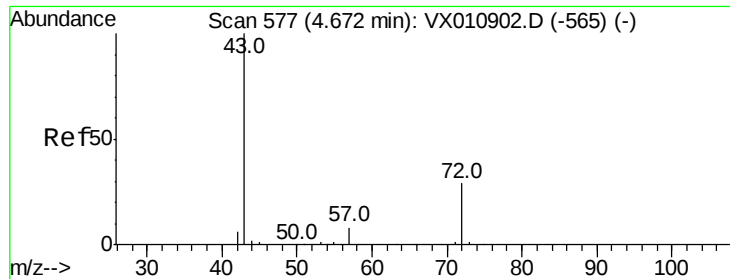
Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.9

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 116.929 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

Tot Ion: 43 Resp: 157277

Ion Ratio Lower Upper

43 100

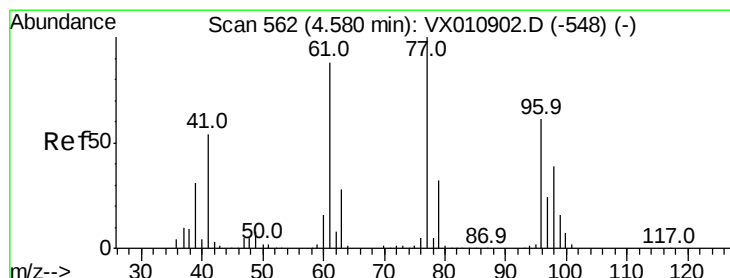
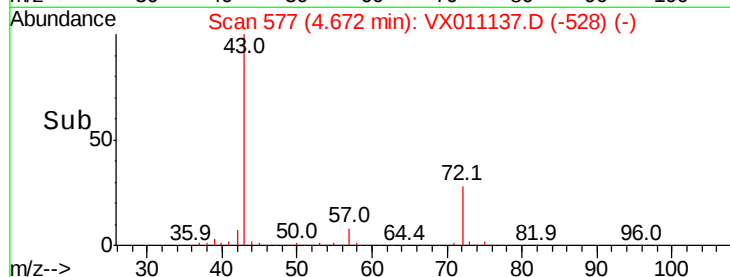
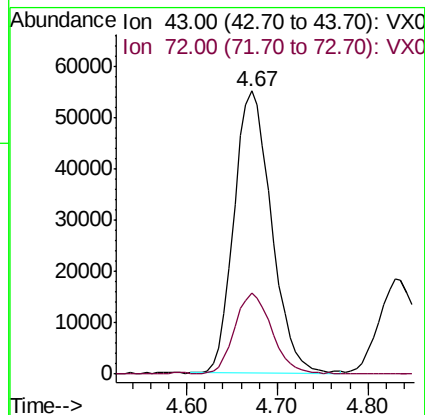
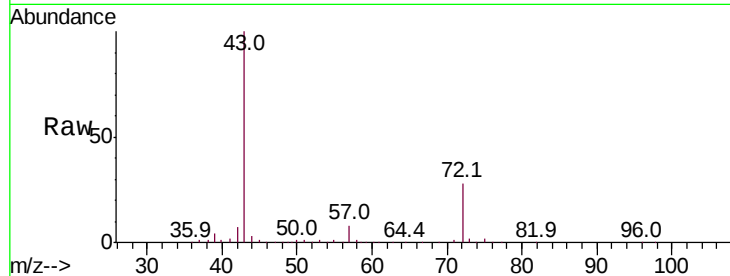
72 28.4 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.803 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011137.D

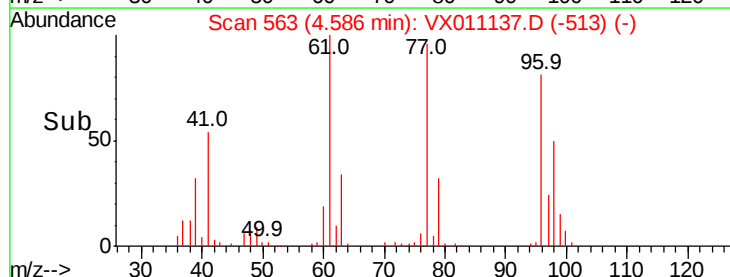
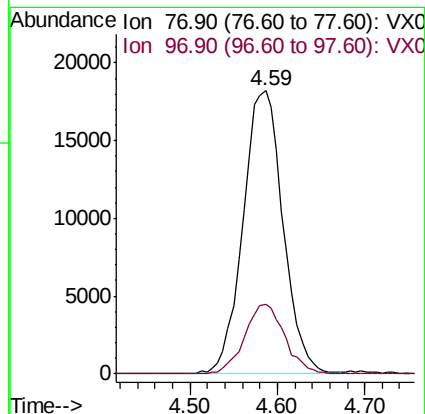
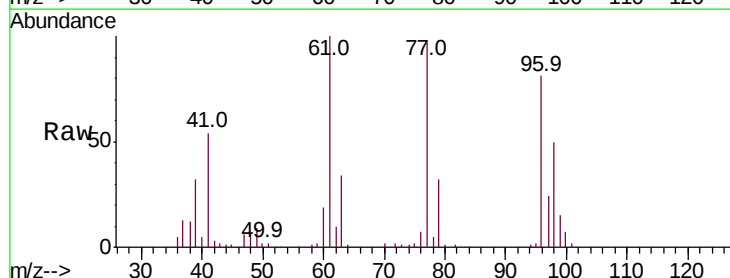
Acq: 29 Jul 2019 11:53

Tgt Ion: 77 Resp: 57863

Ion Ratio Lower Upper

77 100

97 24.7 12.6 37.6





#27

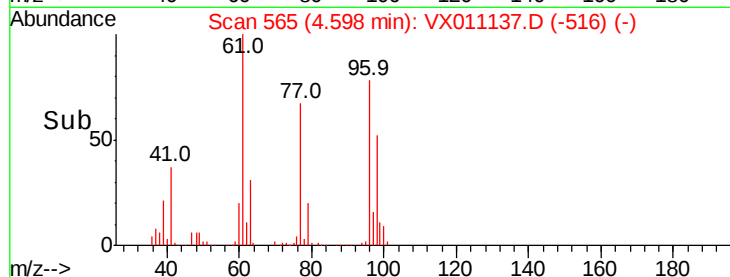
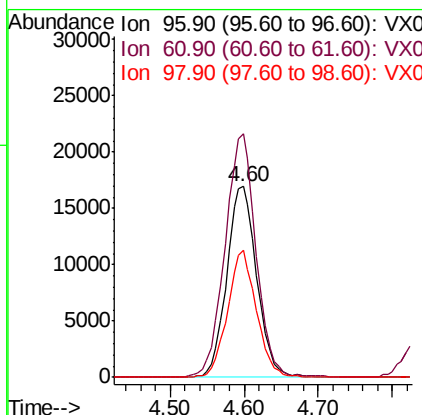
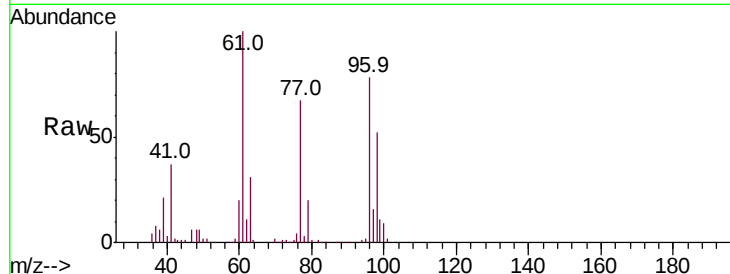
cis-1,2-Dichloroethene
 Concen: 22.333 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011137.D
 Acq: 29 Jul 2019 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.3	0.0	269.0
98	63.8	0.0	131.4

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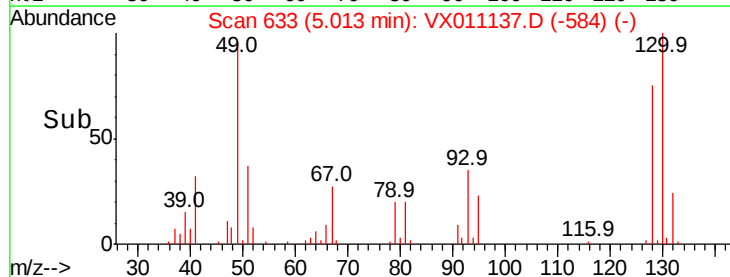
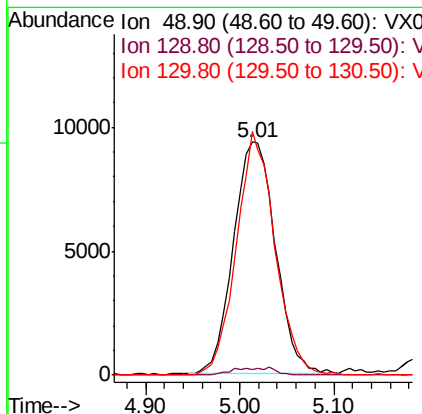
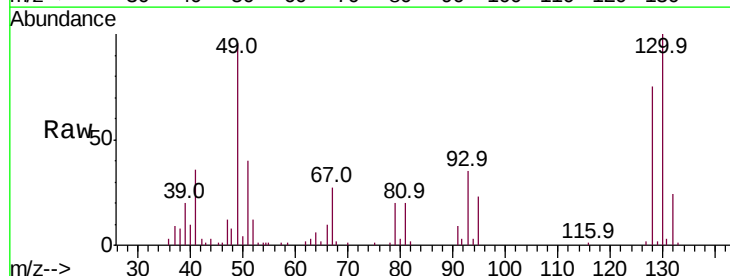
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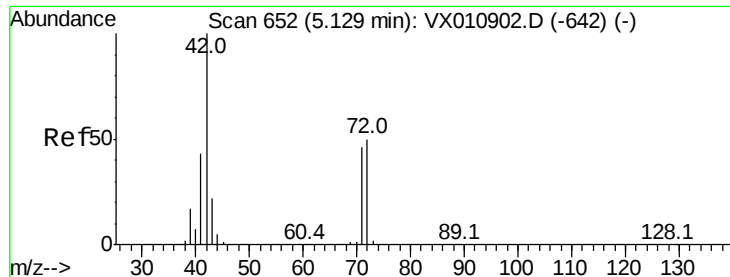


#28

Bromochloromethane
 Concen: 19.930 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX011137.D
 Acq: 29 Jul 2019 11:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	5.2
130	96.7	76.9	115.3





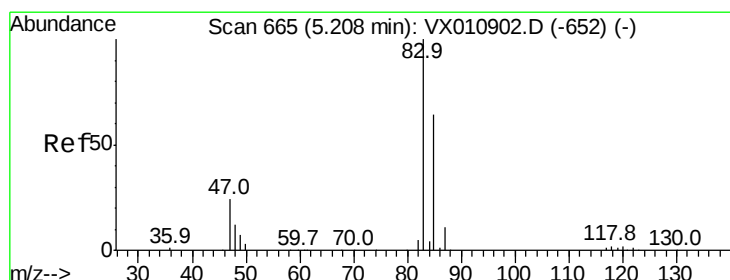
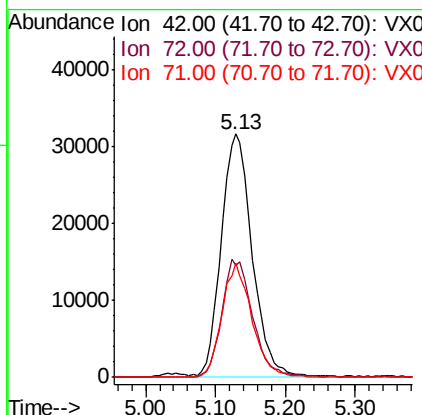
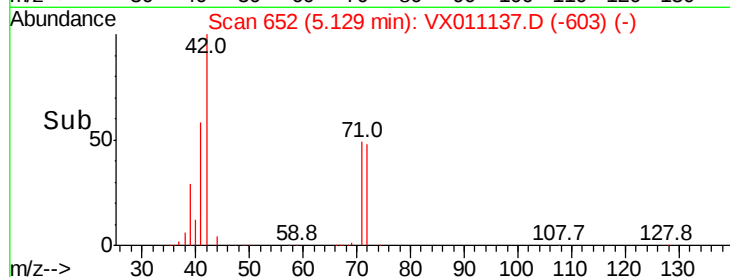
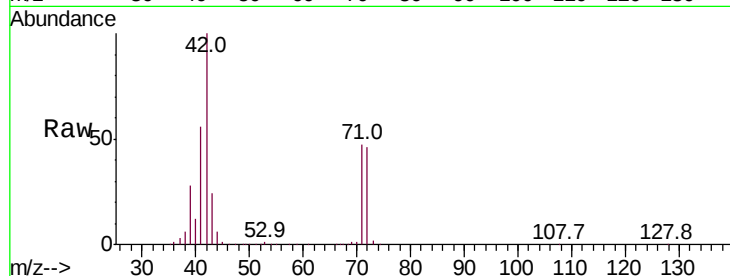
#29
Tetrahydrofuran
Concen: 113.255 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.0	39.8	59.8
71	45.9	37.0	55.4

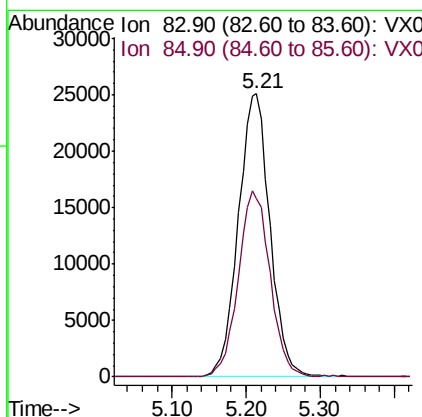
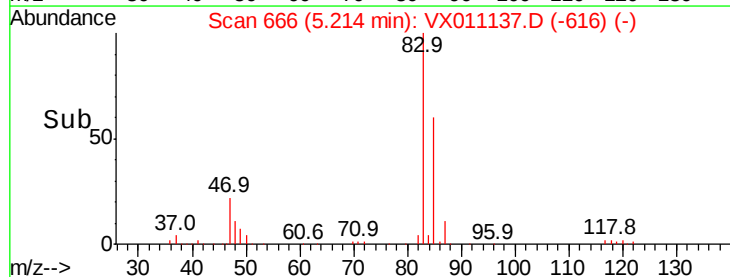
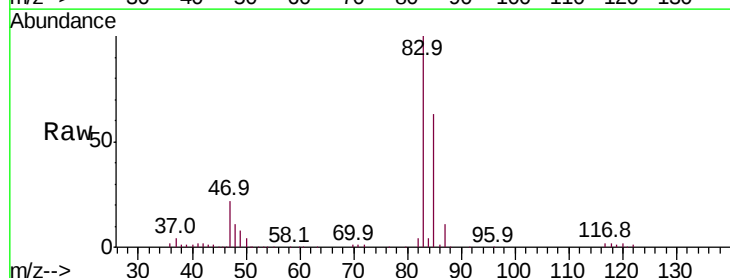
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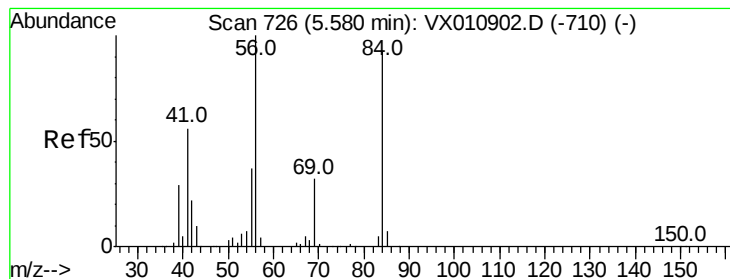
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#30
Chloroform
Concen: 22.397 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.4	77.0





#31

Cyclohexane

Concen: 20.631 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

Tot Ion: 56 Resp: 58114

Ion Ratio Lower Upper

56 100

69 33.5 25.8 38.8

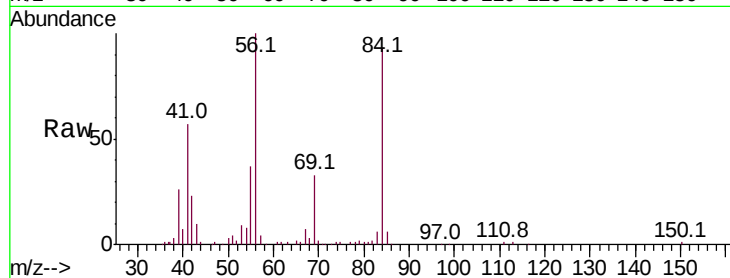
84 90.5 73.8 110.6

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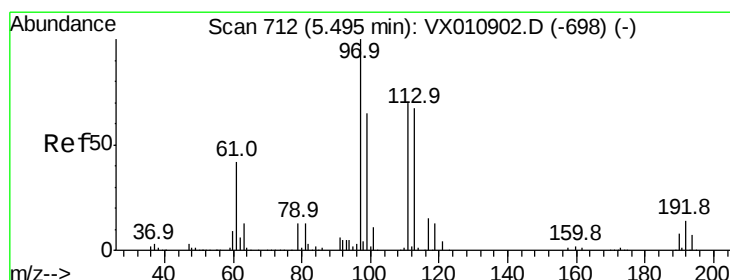
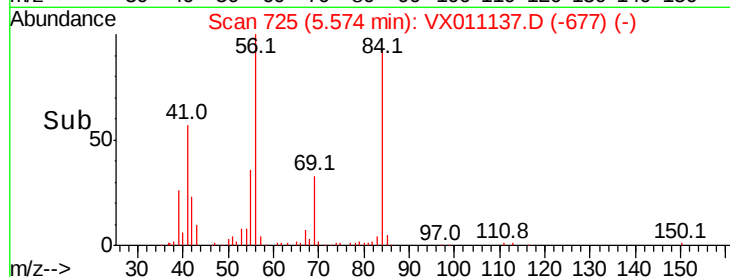
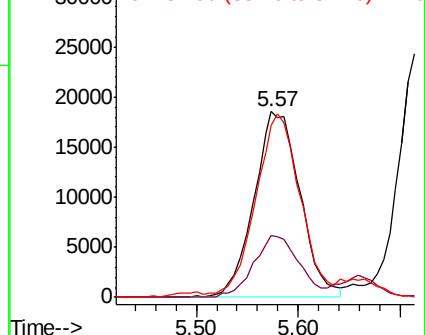
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 22.433 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

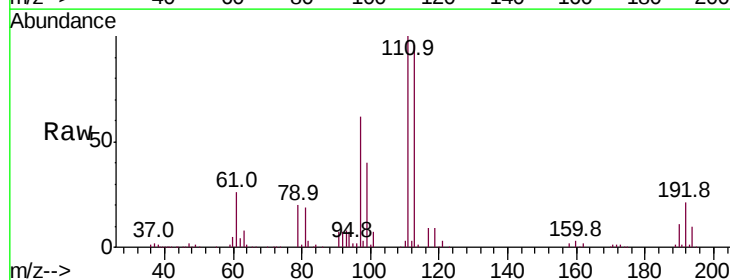
Tgt Ion: 97 Resp: 64831

Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

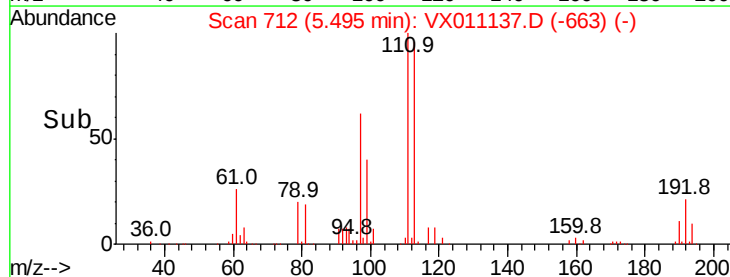
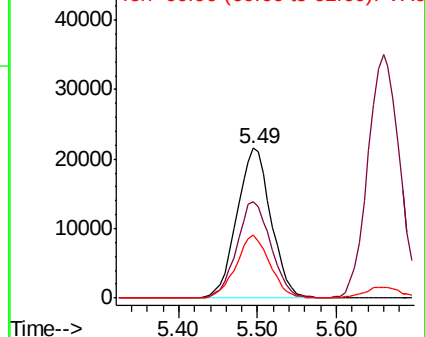
61 41.7 33.0 49.6

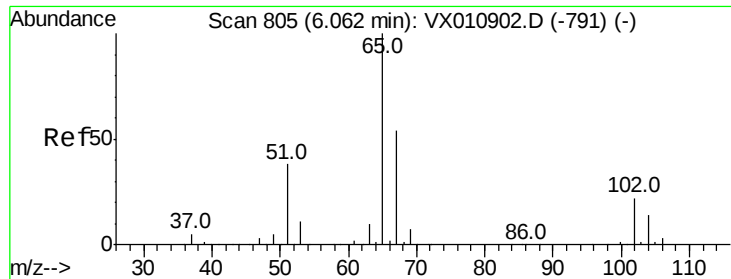


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





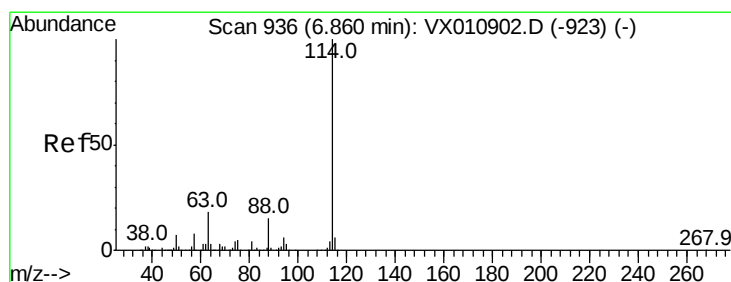
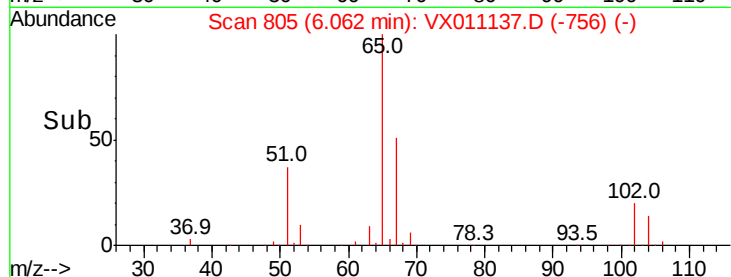
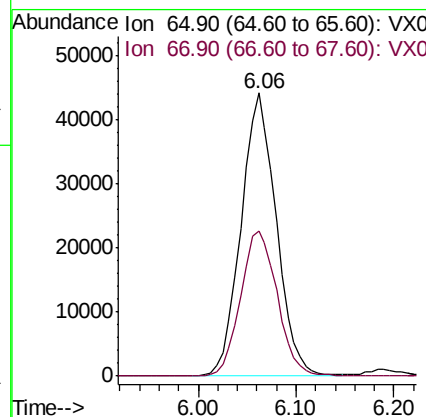
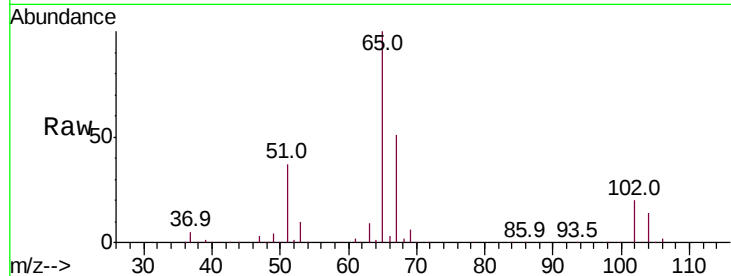
#33
 1,2-Dichloroethane-d4
 Concen: 53.177 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX011137.D
 Acq: 29 Jul 2019 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.7	0.0	107.8	

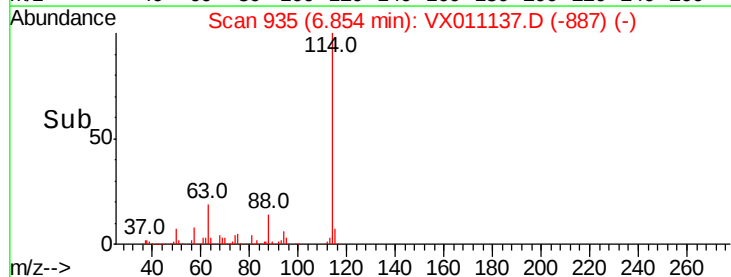
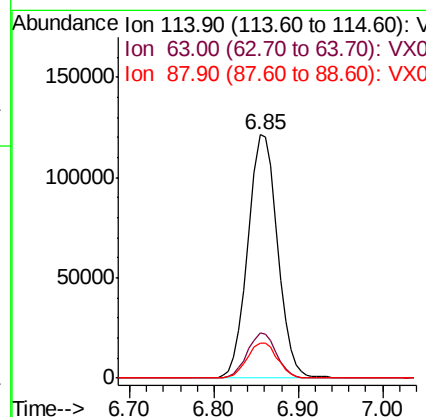
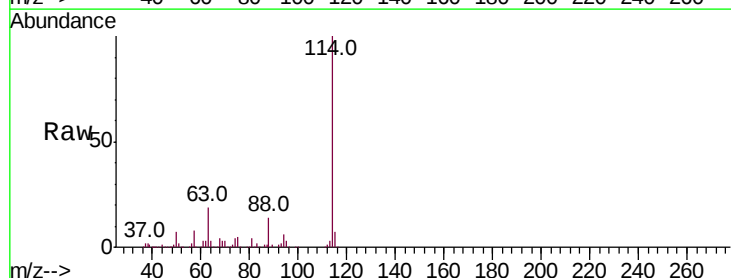
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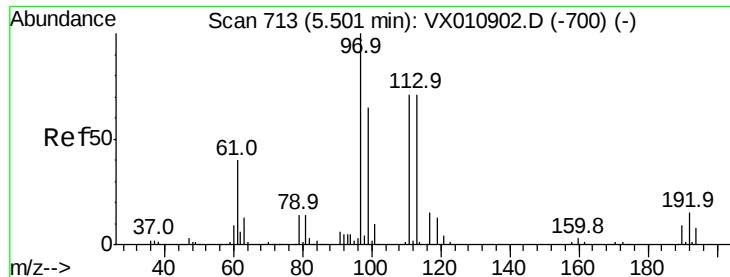
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX011137.D
 Acq: 29 Jul 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.5	0.0	35.6	
88	14.3	0.0	29.8	





#35

Dibromofluoromethane

Concen: 53.704 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

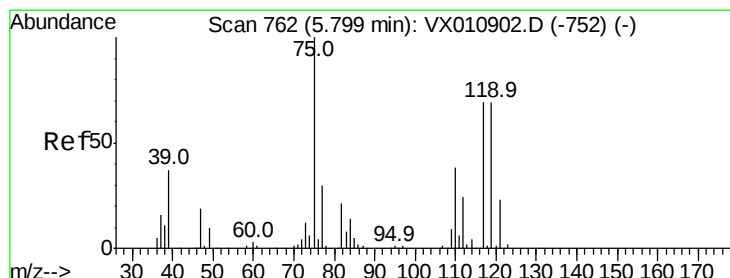
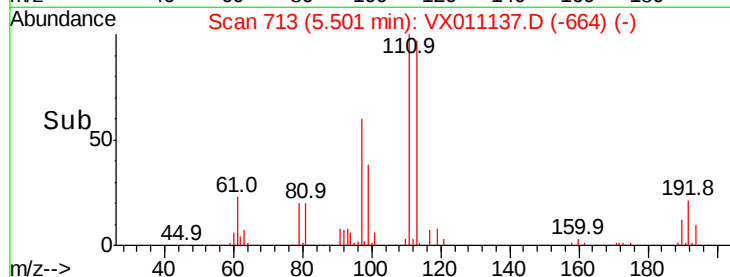
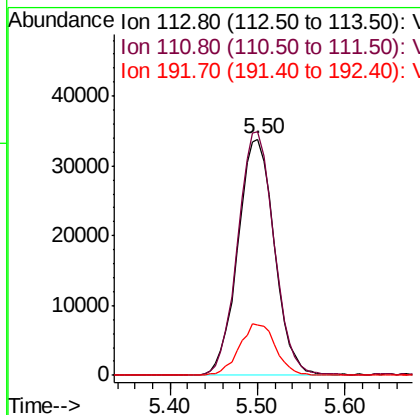
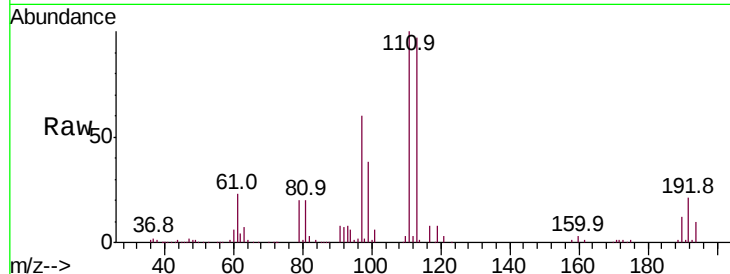
ClientSampleId :

VX0729WBSD01

Tot Ion:	113	Resp:	98329
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.3	123.5
192	21.8	17.4	26.2

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#36

1,1-Dichloropropene

Concen: 21.845 ug/l

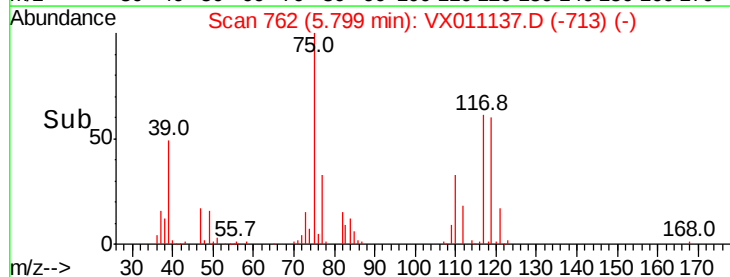
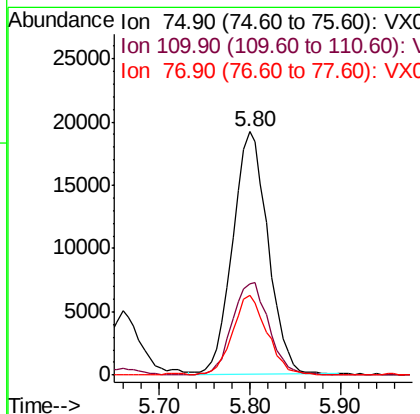
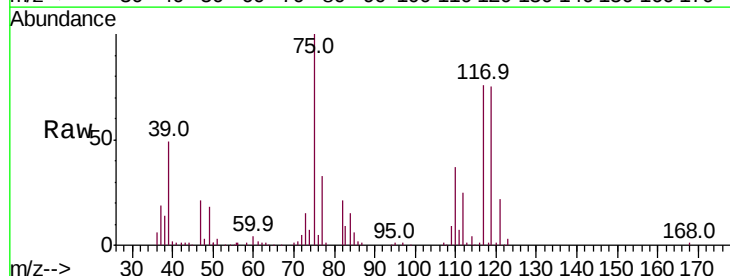
RT: 5.80 min Scan# 762

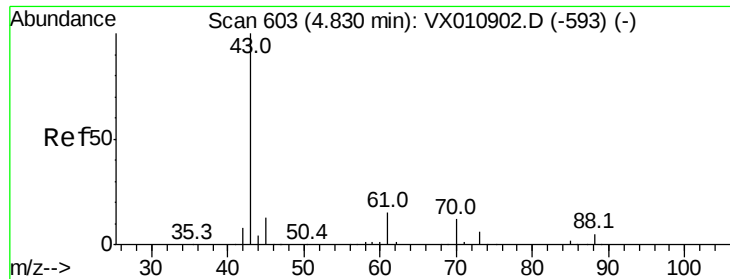
Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Tgt Ion:	75	Resp:	51761
Ion	Ratio	Lower	Upper
75	100		
110	39.6	19.9	59.7
77	32.4	25.0	37.4





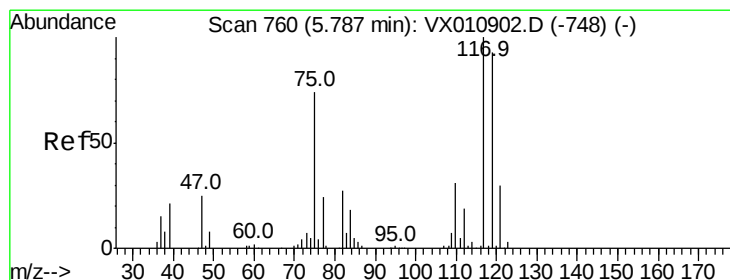
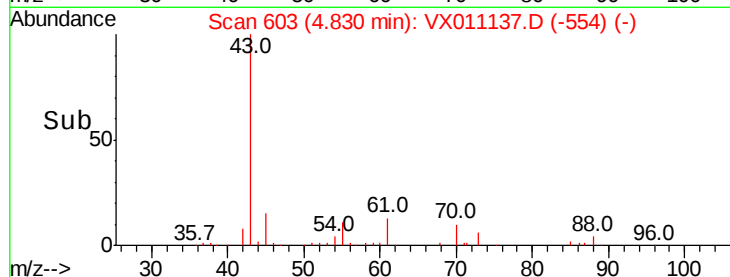
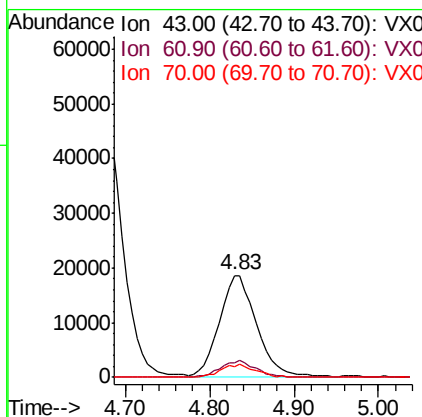
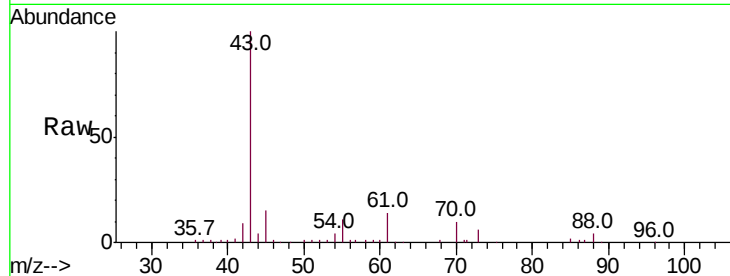
#37
Ethyl Acetate
Concen: 22.771 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	11.6	17.4
70	12.4	9.1	13.7

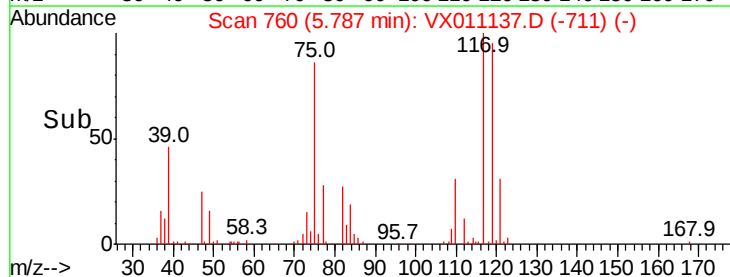
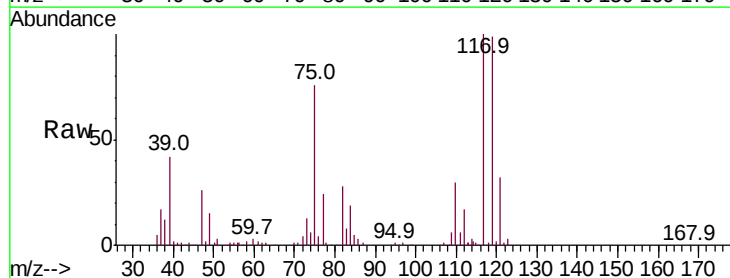
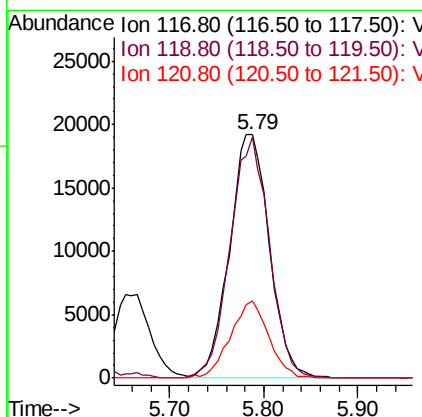
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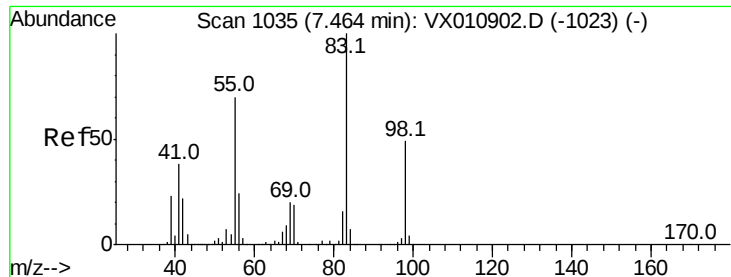
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#38
Carbon Tetrachloride
Concen: 23.010 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	74.2	111.2
121	32.0	24.2	36.2





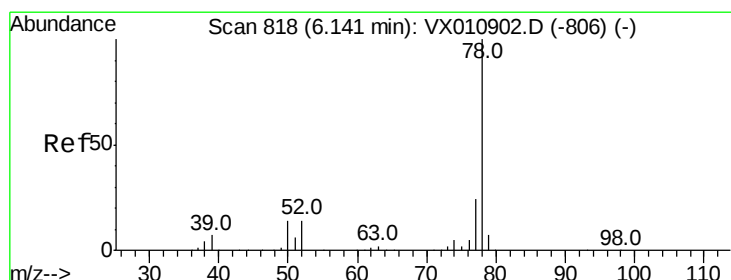
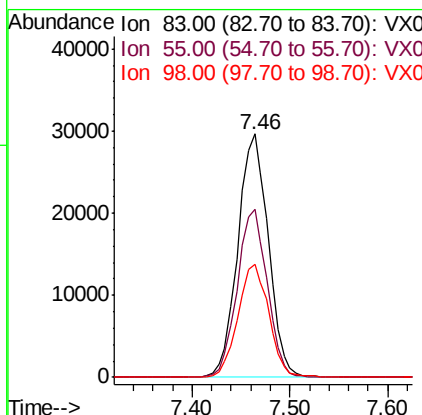
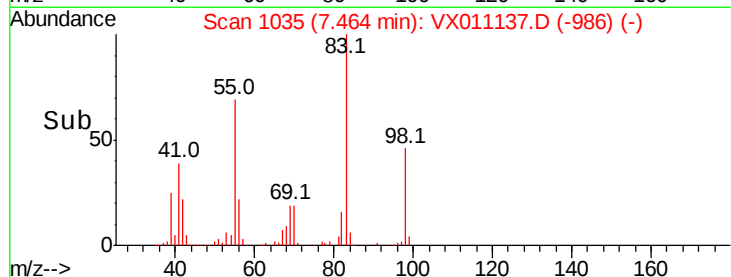
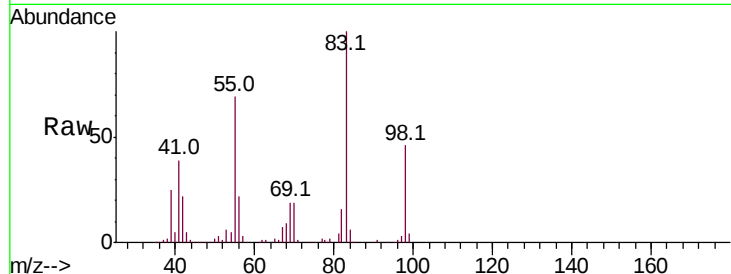
#39
Methvlcvclohexane
Concen: 20.893 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.8	56.2	84.4
98	46.4	39.0	58.4

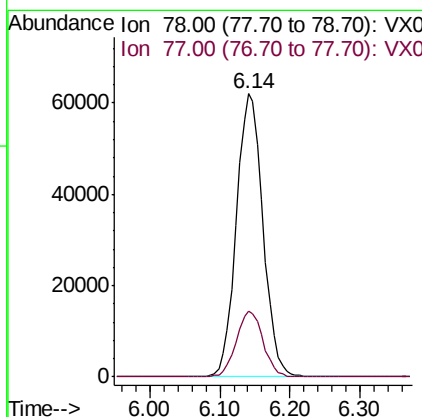
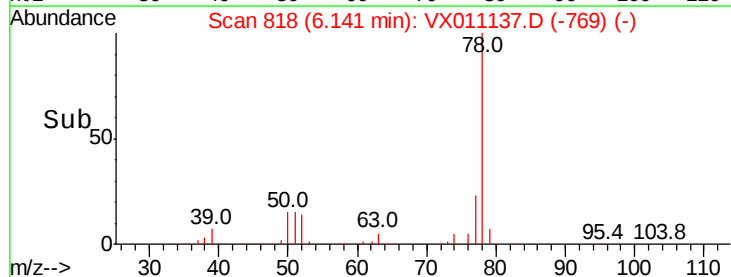
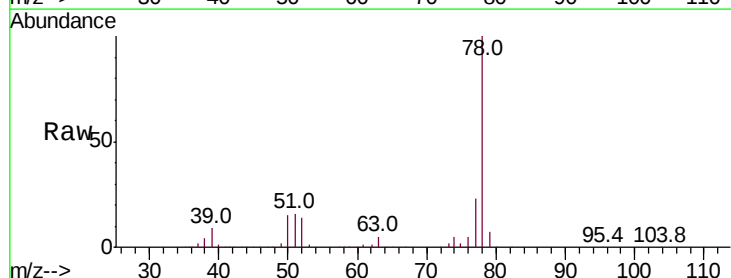
Manual Integrations
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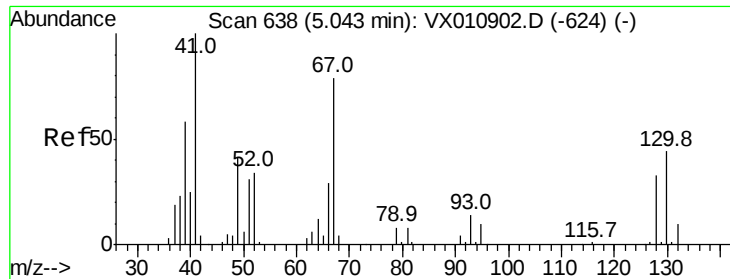
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#40
Benzene
Concen: 22.561 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6





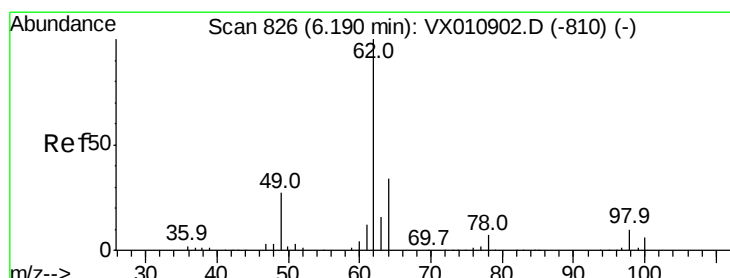
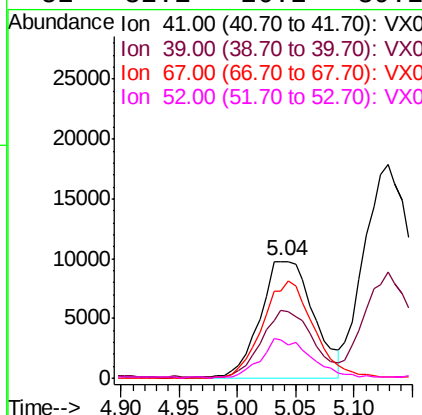
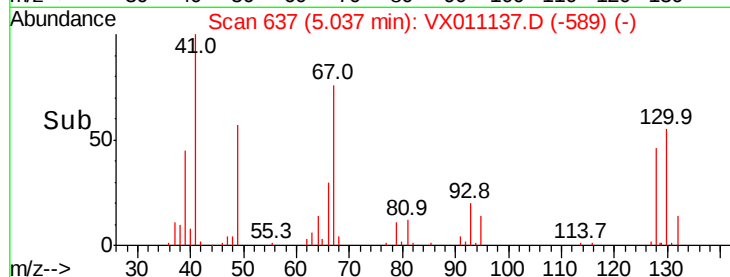
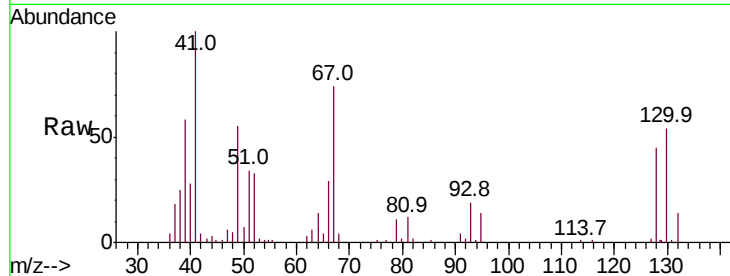
#41
Methacrylonitrile
Concen: 22.665 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.1	45.4	68.2	
67	79.5	65.9	98.9	
52	32.1	26.2	39.2	

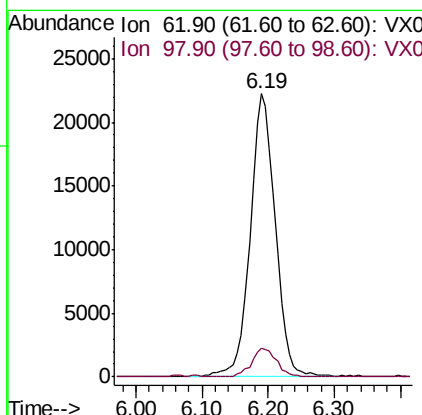
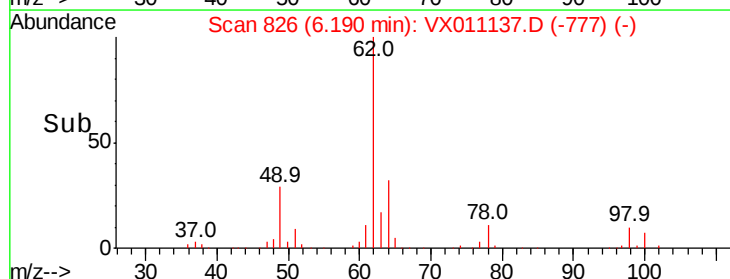
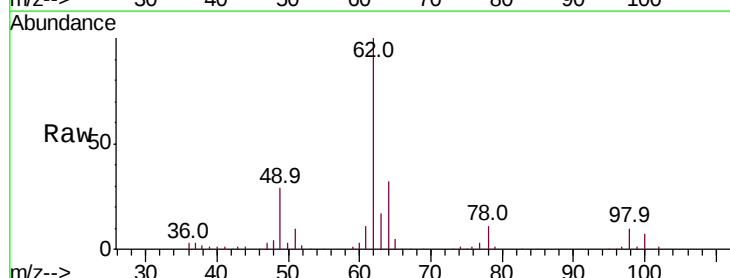
Manual Integrations
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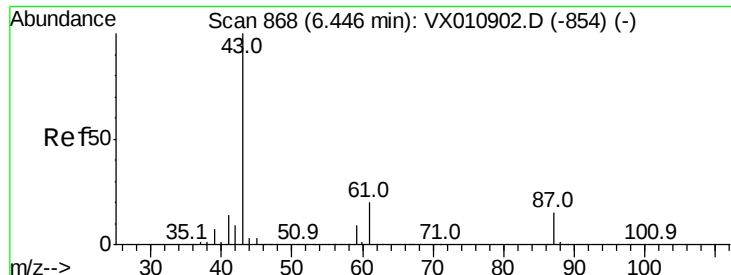
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#42
1,2-Dichloroethane
Concen: 23.016 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	20.0	





#43

Isopropyl Acetate

Concen: 22.763 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

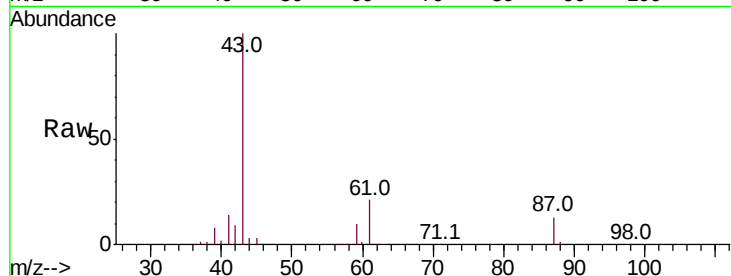
ClientSampleId :

VX0729WBSD01

Tot Ion:	43	Resp:	90814
Ion	Ratio	Lower	Upper
43	100		
61	21.0	17.1	25.7
87	14.7	12.0	18.0

Manual Integrations
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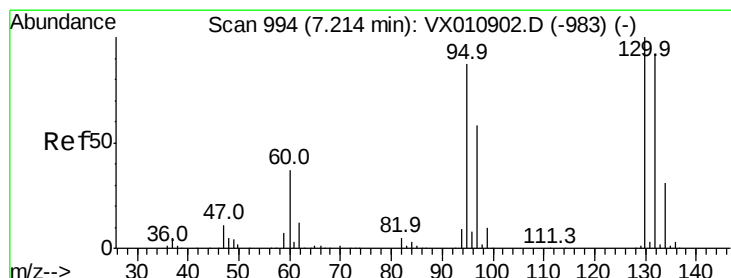
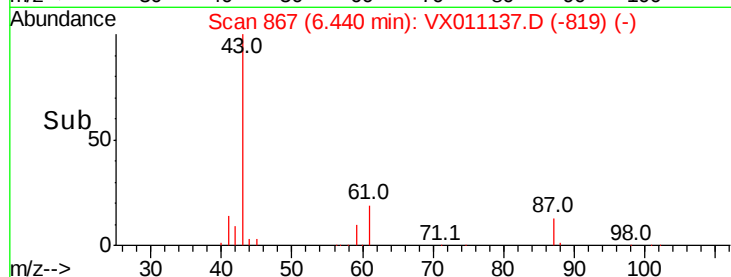
Abundance Ion 43.00 (42.70 to 43.70): VX010902.D (-854) (-)

Ion 61.00 (60.70 to 61.70): VX010902.D (-854) (-)

Ion 87.00 (86.70 to 87.70): VX010902.D (-854) (-)

6.44

Time-->



#44

Trichloroethene

Concen: 21.464 ug/l

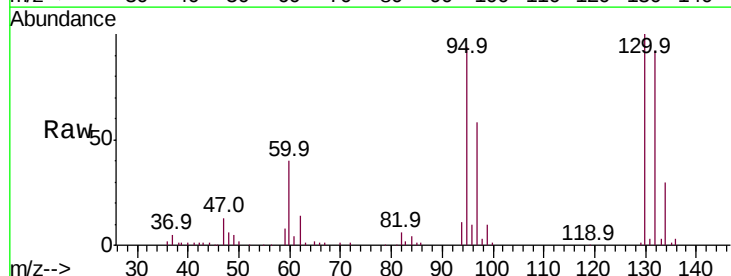
RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Tgt Ion:	130	Resp:	46115
Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	174.8

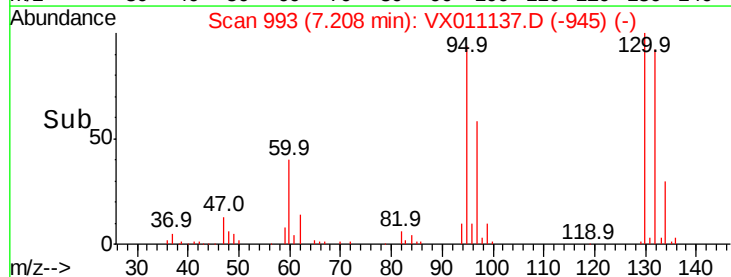


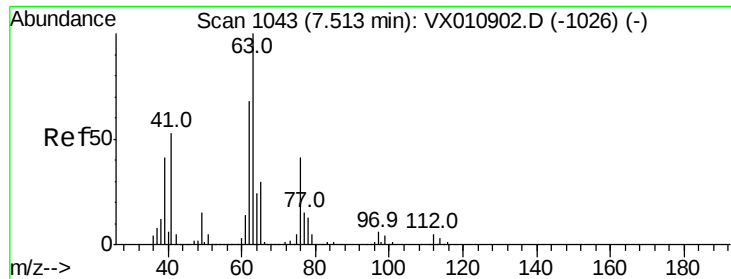
Abundance Ion 129.80 (129.50 to 130.50): VX010902.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX010902.D (-983) (-)

7.21

Time-->





#45

1,2-Dichloropropane

Concen: 22.513 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

Tot Ion: 63 Resp: 41589

Ion Ratio Lower Upper

63 100

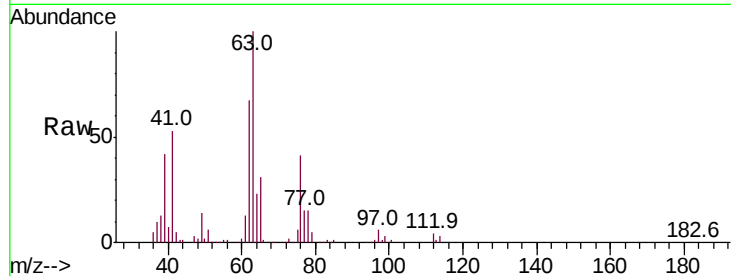
65 31.3 24.4 36.6

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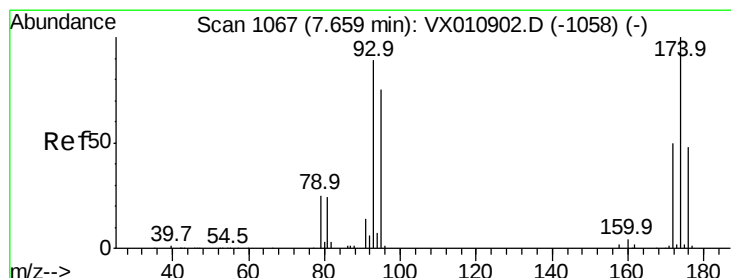
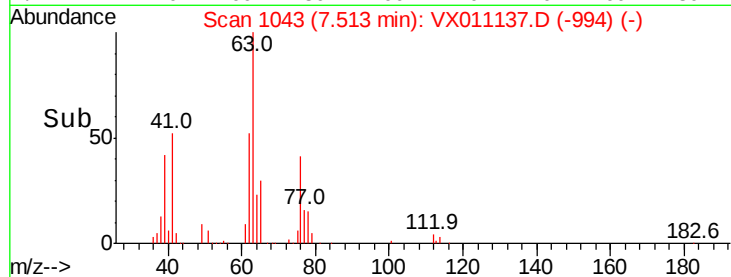
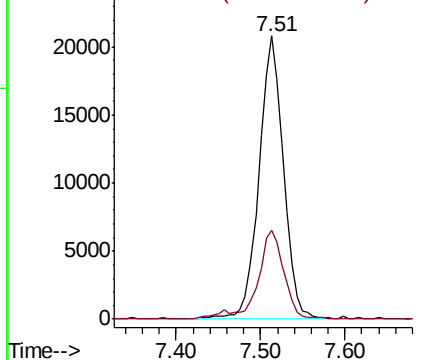
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 23.124 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

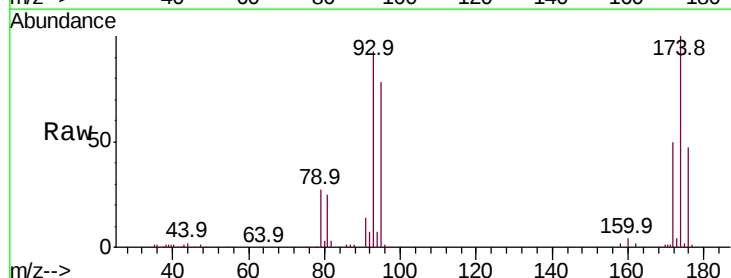
Tgt Ion: 93 Resp: 30525

Ion Ratio Lower Upper

93 100

95 84.1 67.2 100.8

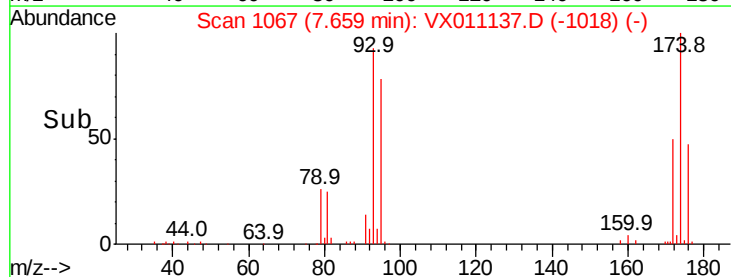
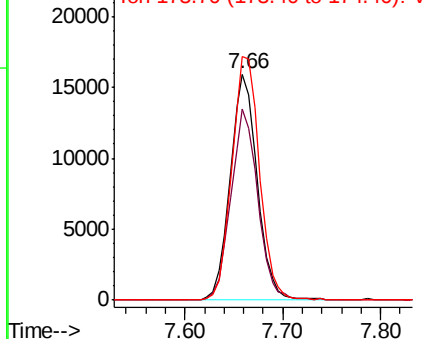
174 110.4 90.6 135.8

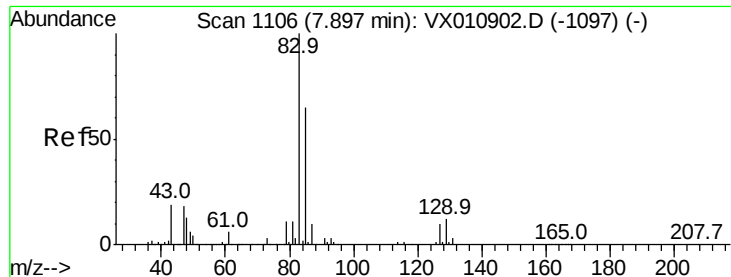


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





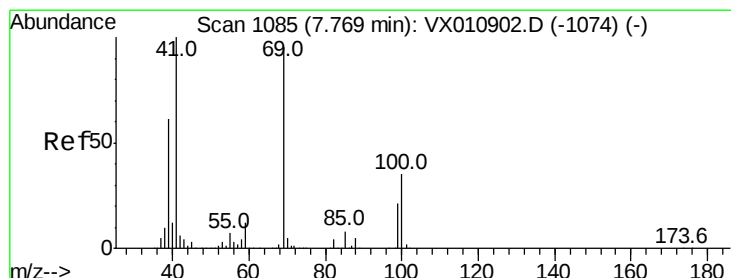
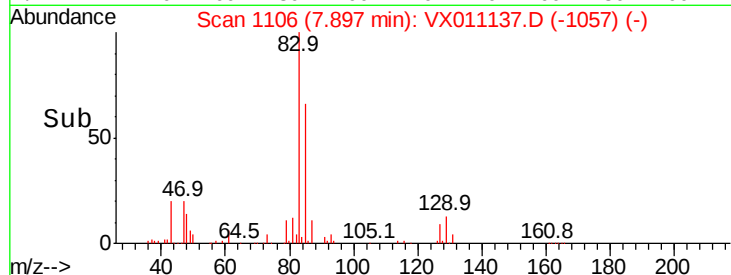
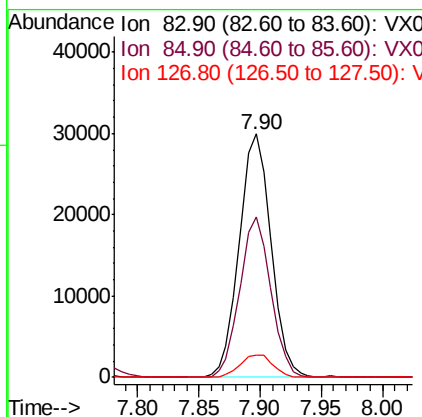
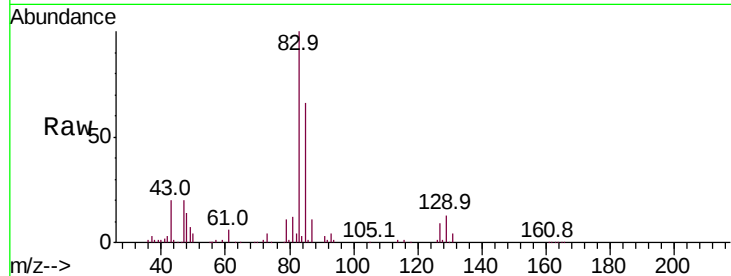
#47
 Bromodichloromethane
 Concen: 23.069 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX011137.D
 Acq: 29 Jul 2019 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.5	78.7
127	9.1	7.8	11.8

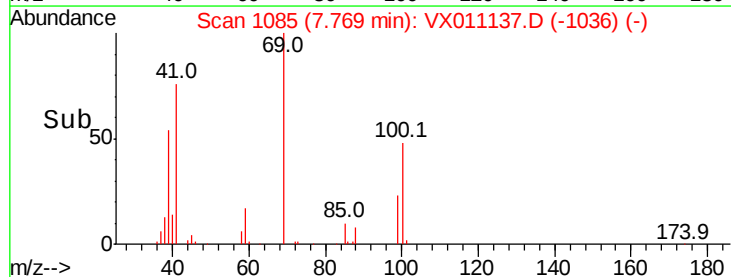
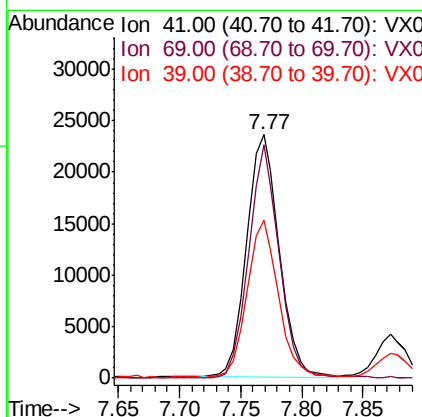
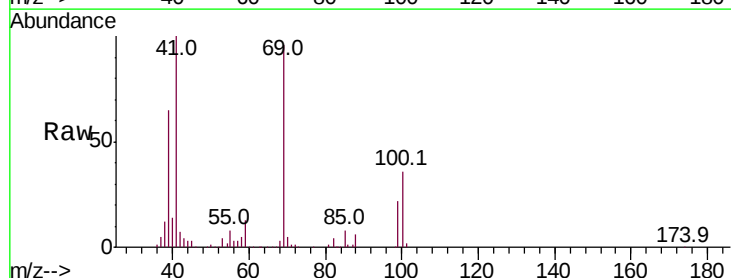
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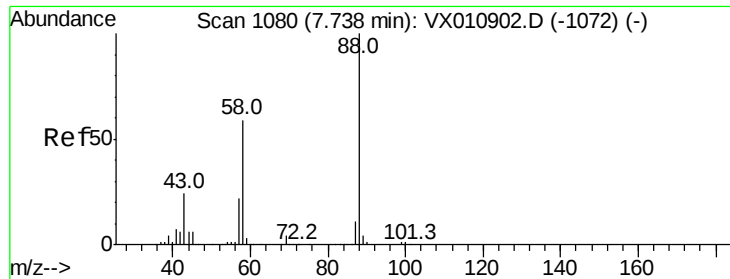
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#48
 Methyl methacrylate
 Concen: 22.452 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX011137.D
 Acq: 29 Jul 2019 11:53

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.2	74.4	111.6
39	62.2	48.9	73.3





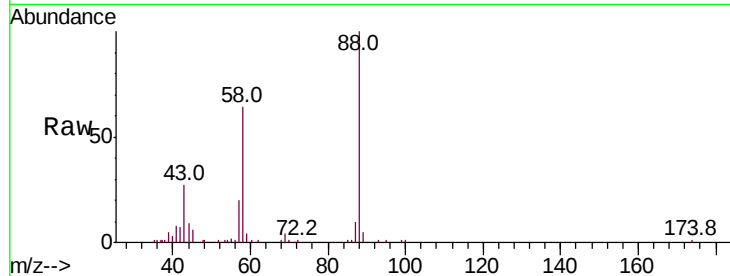
#49
 1,4-Dioxane
 Concen: 449.246 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX011137.D
 Acq: 29 Jul 2019 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.4	22.9	34.3
58	63.1	49.8	74.8

Manual Integrations
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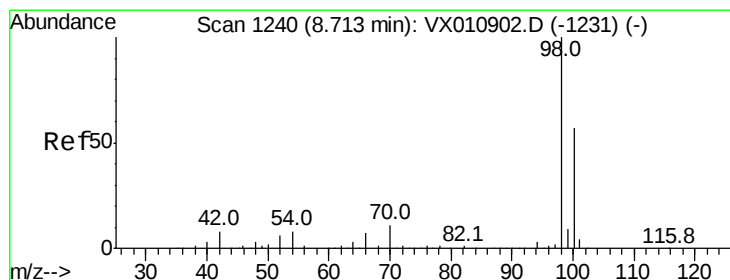
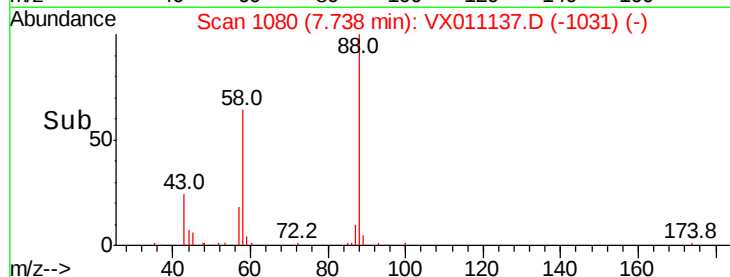
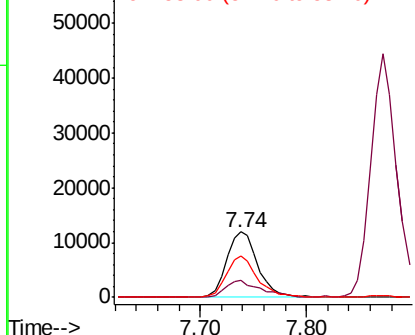


Abundance

Ion 88.00 (87.70 to 88.70): VX0

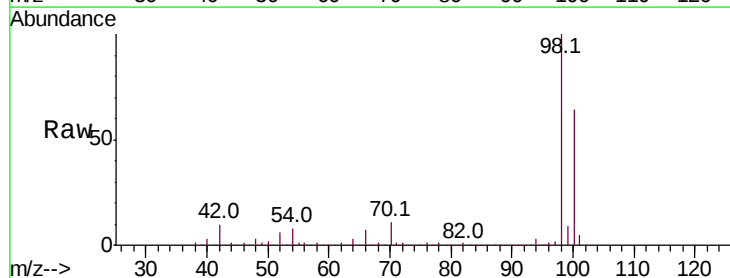
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
 Toluene-d8
 Concen: 53.183 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011137.D
 Acq: 29 Jul 2019 11:53

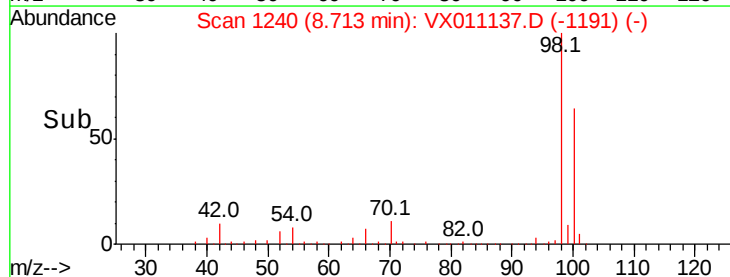
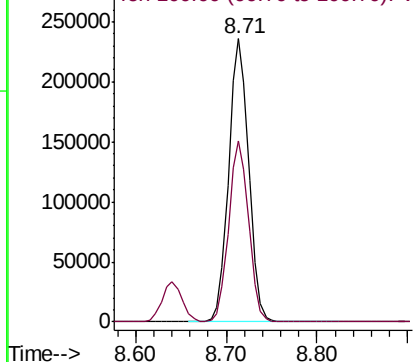
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.6	75.8



Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 117.194 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

Tot Ion: 43 Resp: 303083

Ion Ratio Lower Upper

43 100

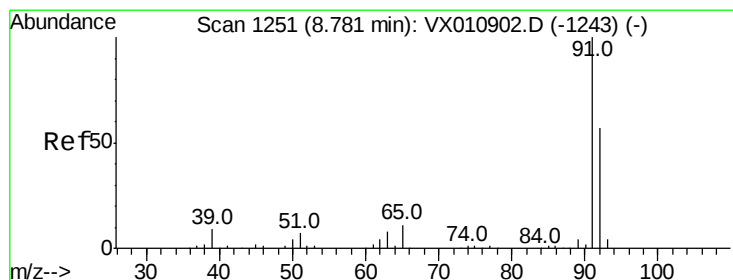
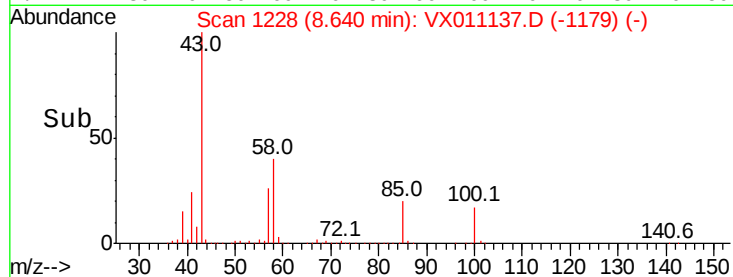
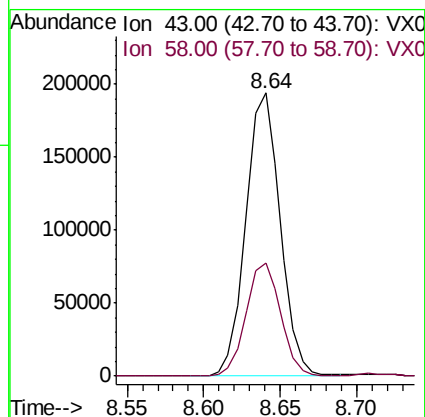
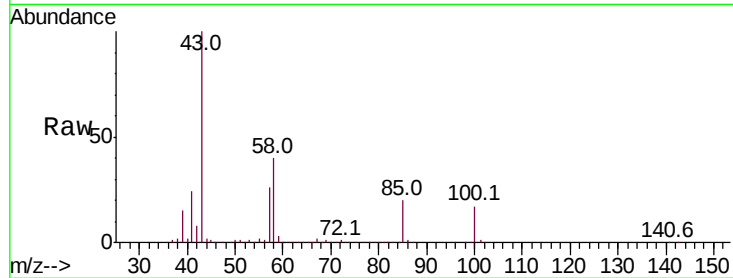
58 40.2 32.2 48.4

Manual Integrations

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#52

Toluene

Concen: 22.058 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011137.D

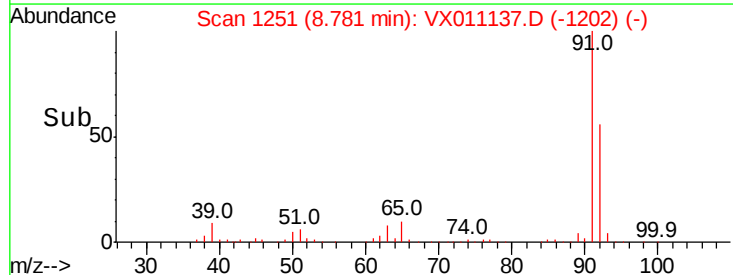
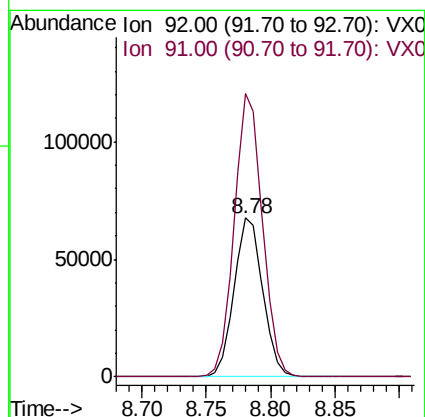
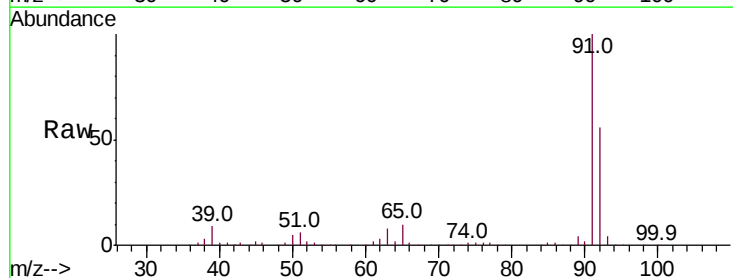
Acq: 29 Jul 2019 11:53

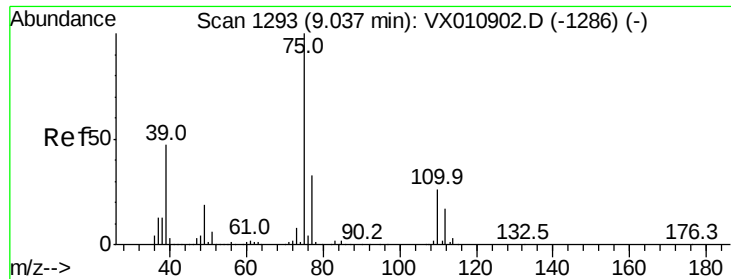
Tgt Ion: 92 Resp: 105174

Ion Ratio Lower Upper

92 100

91 175.4 139.4 209.0





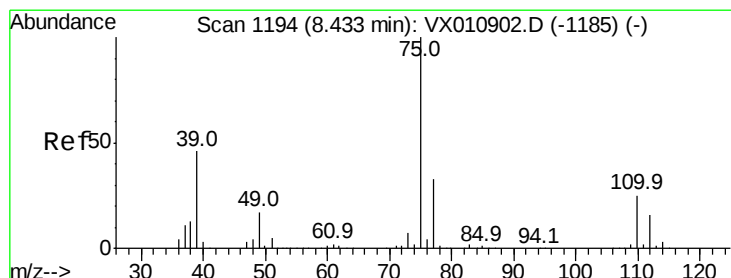
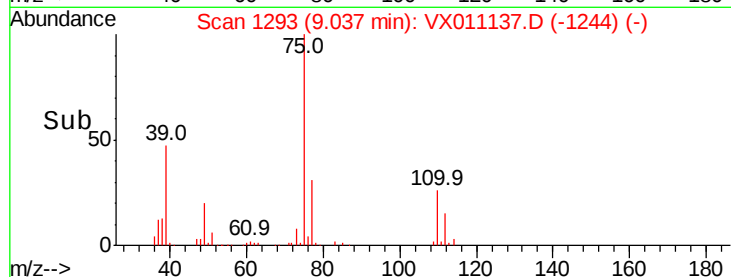
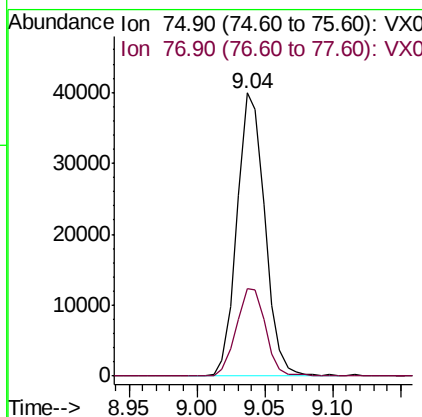
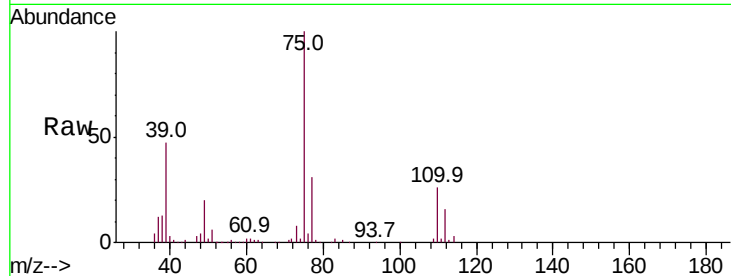
#53
t-1,3-Dichloropropene
Concen: 22.611 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

Tot Ion: 75 Resp: 57131
Ion Ratio Lower Upper
75 100
77 30.7 26.2 39.2

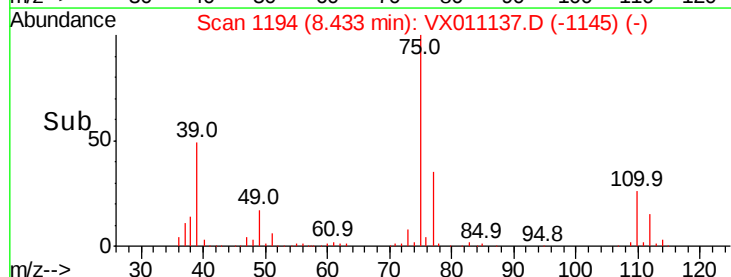
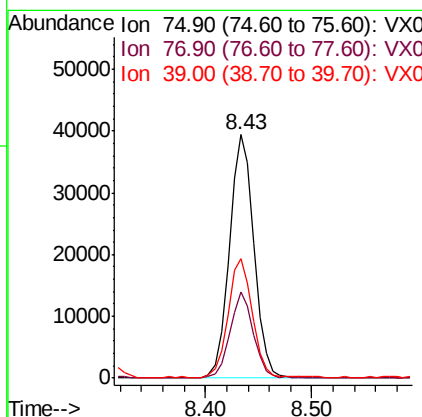
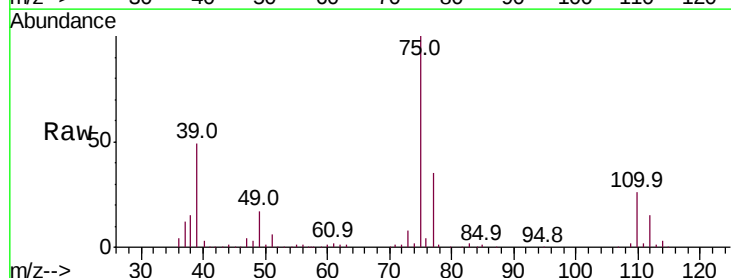
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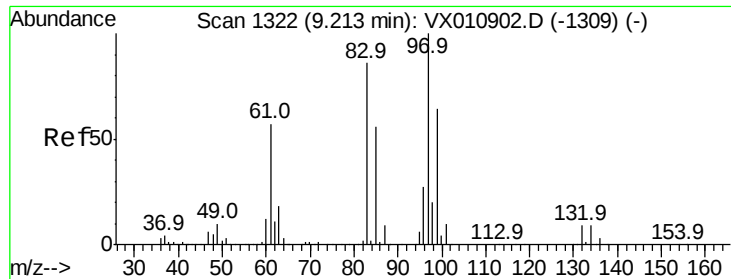
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#54
cis-1,3-Dichloropropene
Concen: 22.600 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Tgt Ion: 75 Resp: 63540
Ion Ratio Lower Upper
75 100
77 35.1 26.1 39.1
39 48.7 36.6 54.8





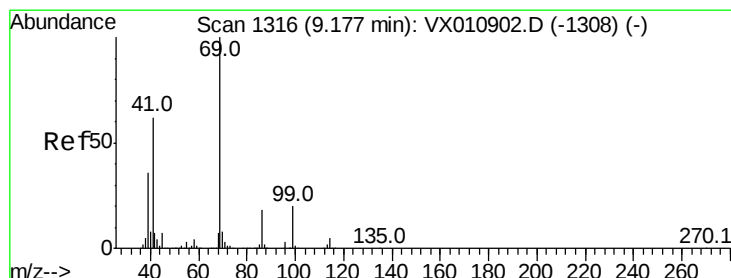
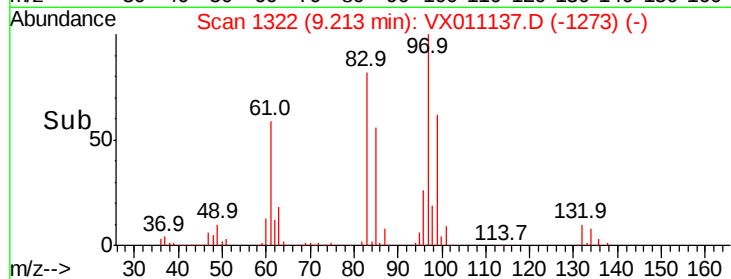
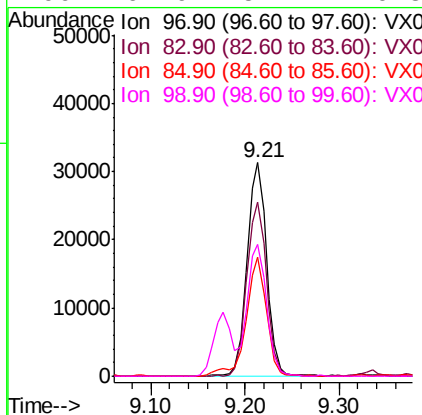
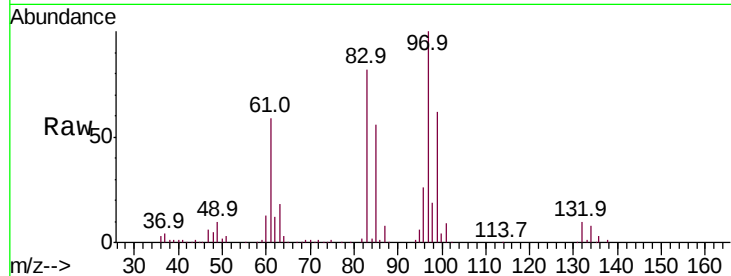
#55
1,1,2-Trichloroethane
Concen: 23.243 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

Tot Ion	97	Resp	45633
Ion	Ratio	Lower	Upper
97	100		
83	81.7	69.2	103.8
85	55.8	44.6	66.8
99	61.9	51.2	76.8

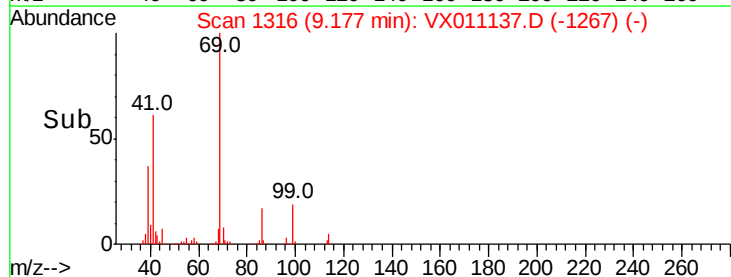
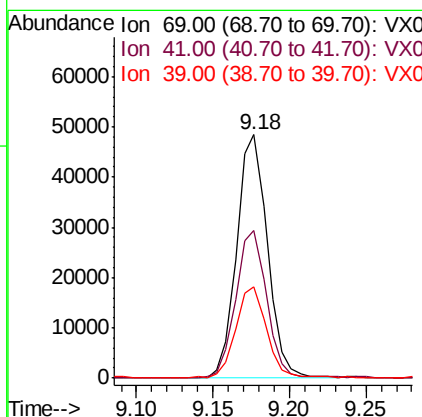
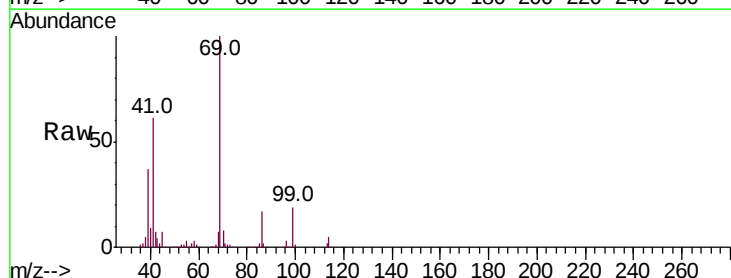
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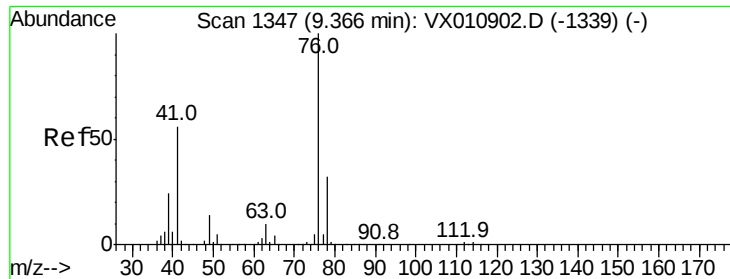
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#56
Ethyl methacrylate
Concen: 23.429 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Tgt Ion	69	Resp	67284
Ion	Ratio	Lower	Upper
69	100		
41	61.1	49.7	74.5
39	37.0	29.6	44.4





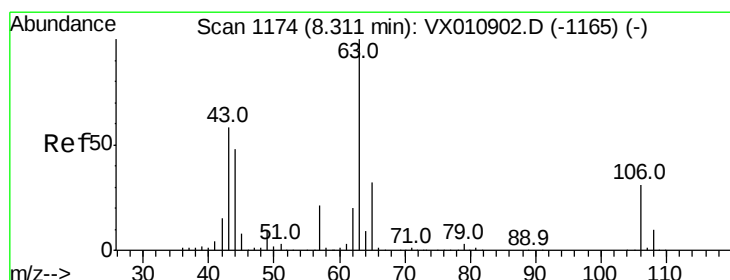
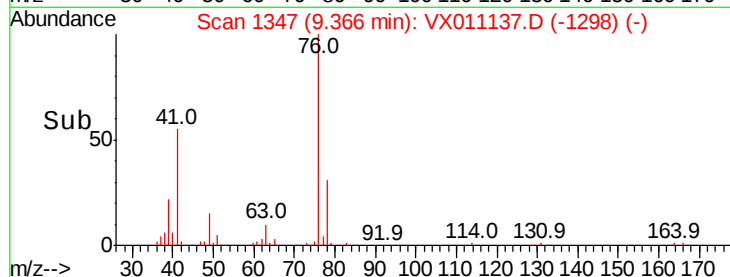
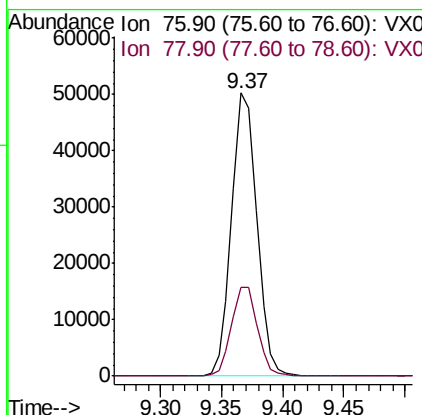
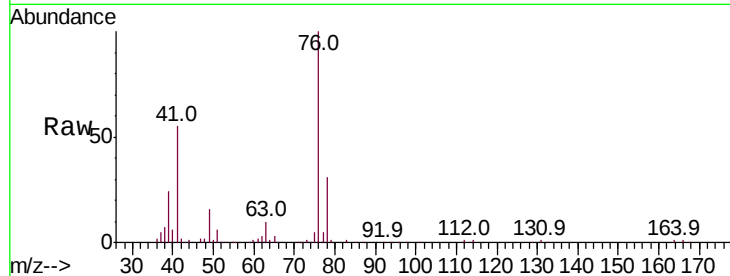
#57
 1,3-Dichloropropane
 Concen: 23.191 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011137.D
 Acq: 29 Jul 2019 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

Tot Ion: 76 Resp: 72227
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.6 38.4

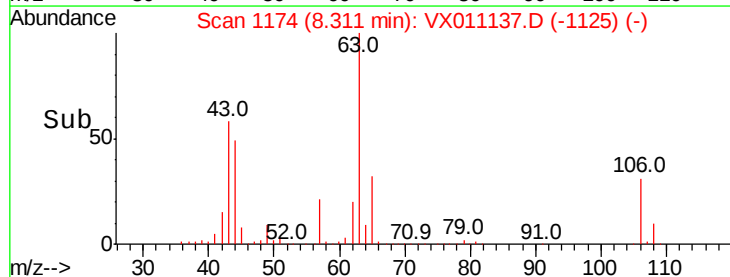
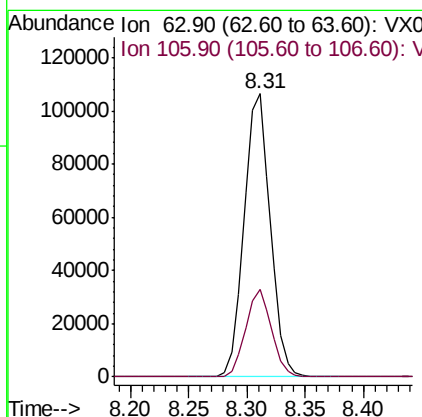
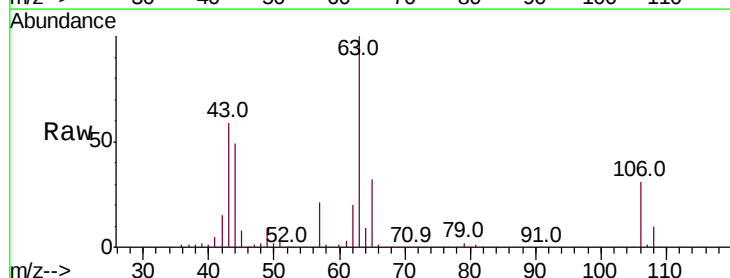
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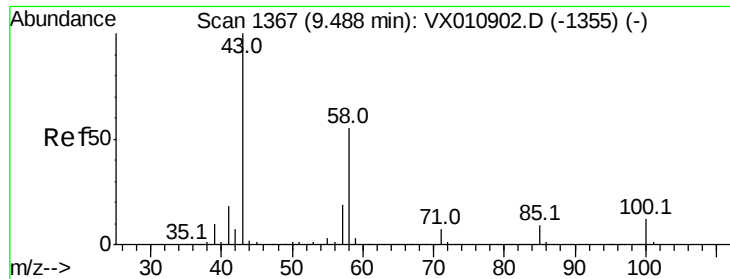
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#58
 2-Chloroethyl Vinyl ether
 Concen: 122.314 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX011137.D
 Acq: 29 Jul 2019 11:53

Tgt Ion: 63 Resp: 167678
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.0 36.0





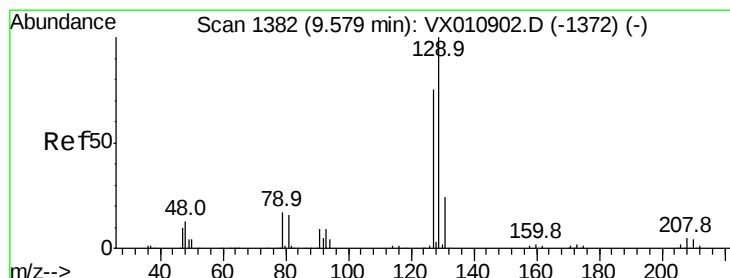
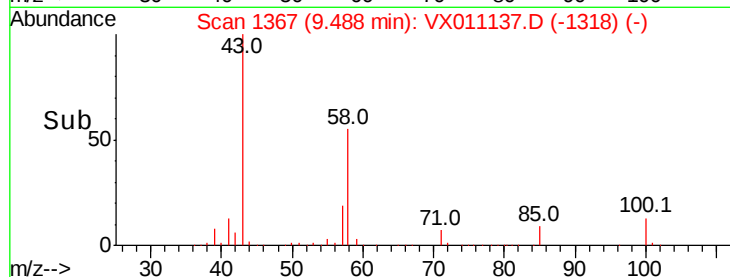
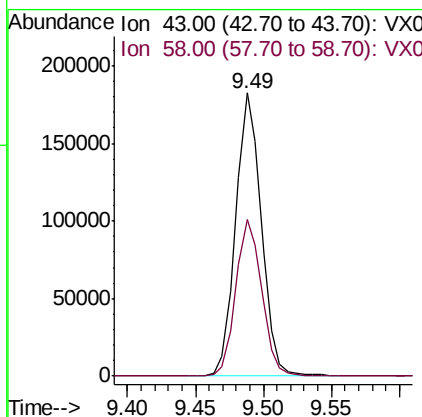
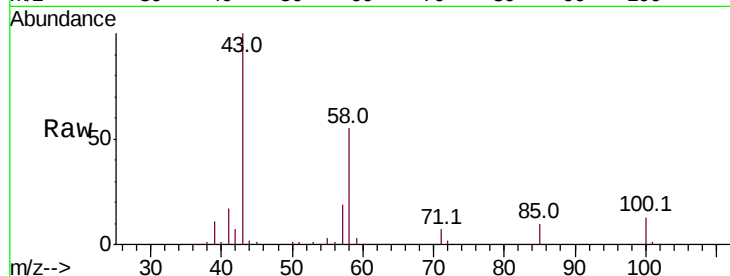
#59
2-Hexanone
Concen: 119.250 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

Tot Ion: 43 Resp: 239202
Ion Ratio Lower Upper
43 100
58 56.1 28.0 83.9

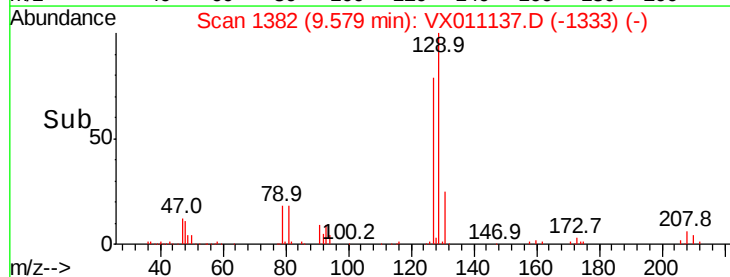
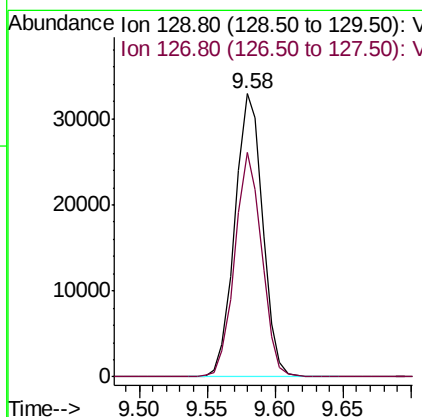
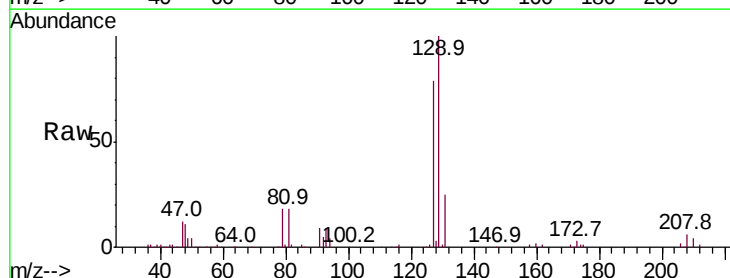
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#60
Dibromochloromethane
Concen: 22.235 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Tgt Ion:129 Resp: 46899
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





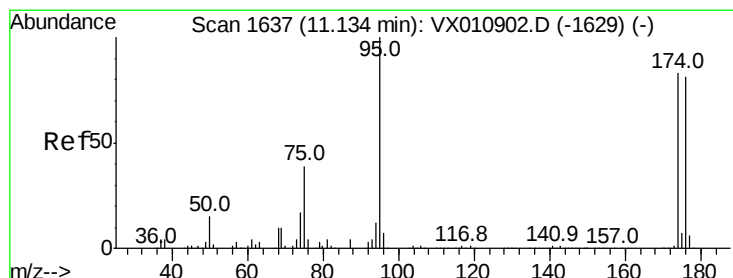
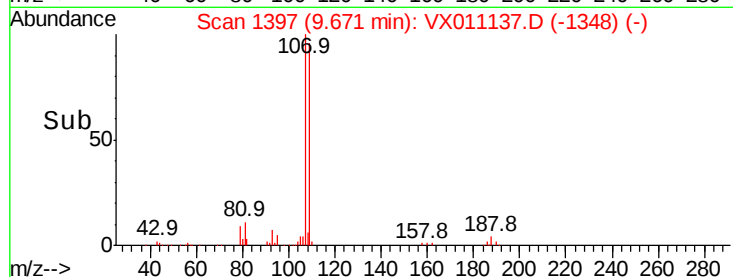
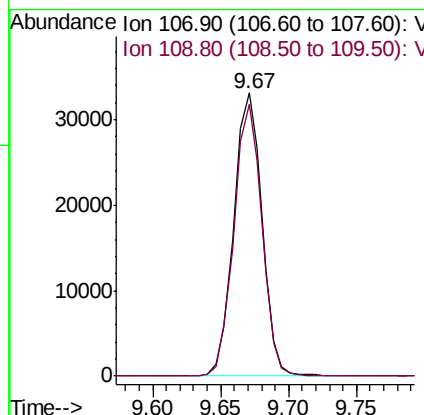
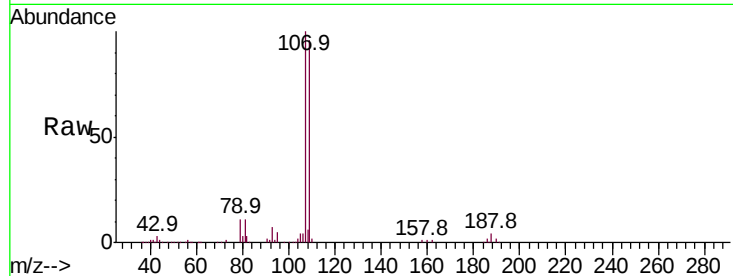
#61
 1,2-Dibromoethane
 Concen: 22.917 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX011137.D
 Acq: 29 Jul 2019 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.4	113.0

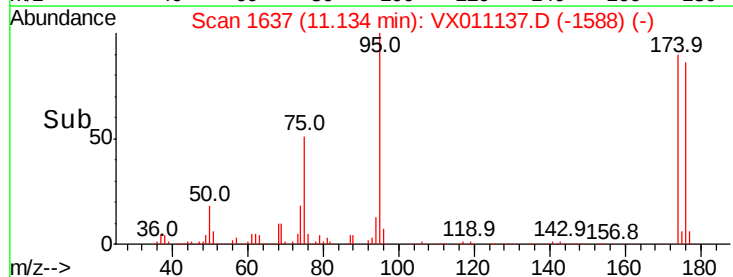
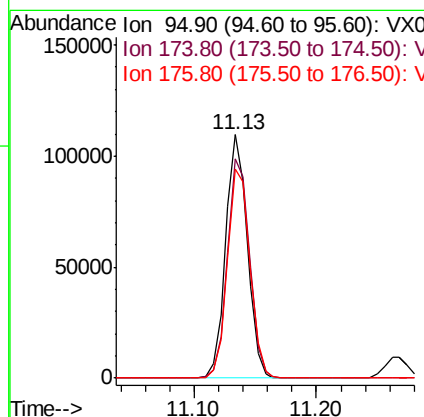
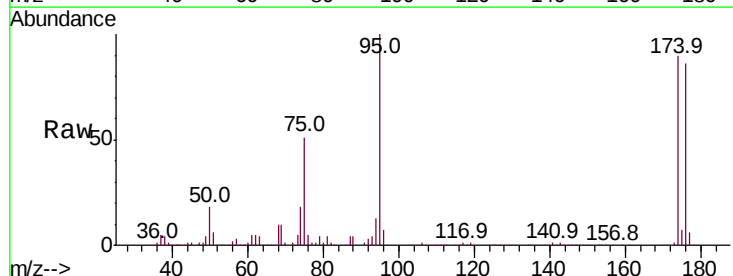
Manual Integrations
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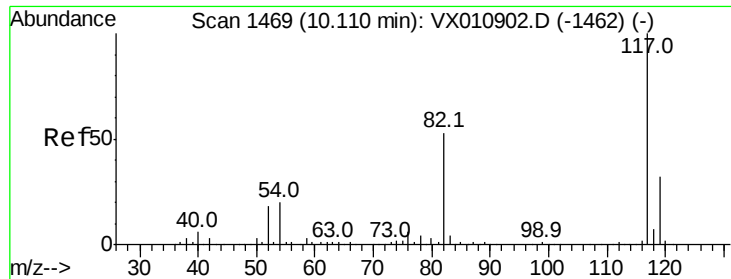
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 53.200 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011137.D
 Acq: 29 Jul 2019 11:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	180.6
176	88.8	0.0	173.8





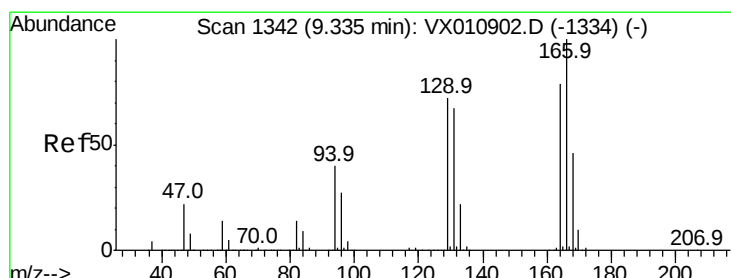
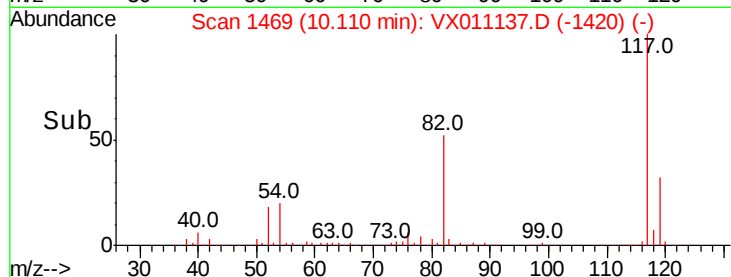
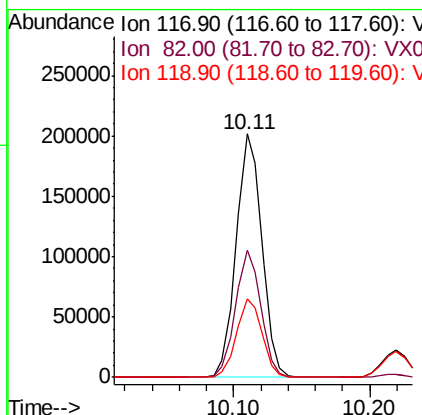
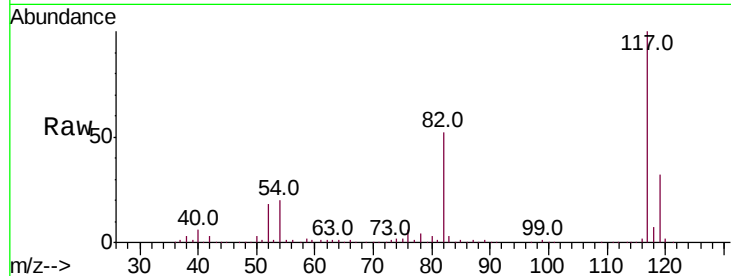
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Instrument :
MSVOA_X
ClientSampleID :
VX0729WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.6	63.8
119	32.0	25.9	38.9

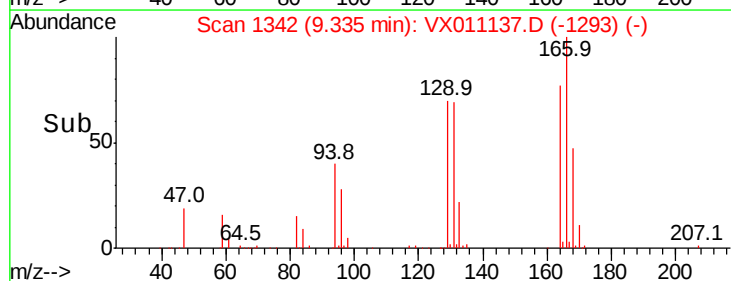
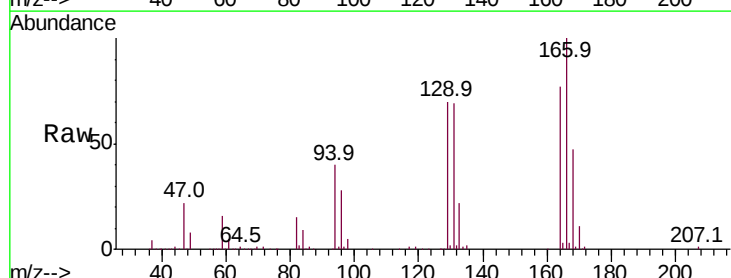
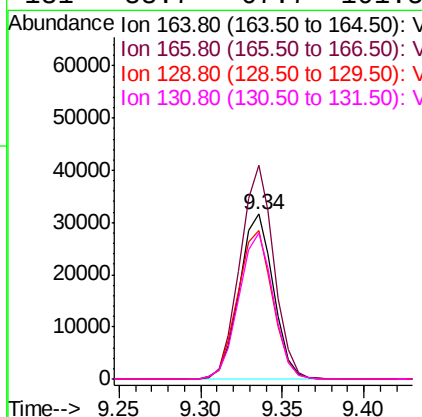
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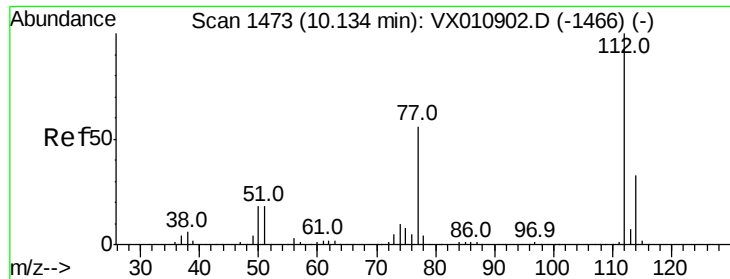
MMDadoda
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#64
Tetrachloroethene
Concen: 22.078 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	100.8	151.2
129	90.2	72.6	109.0
131	88.7	67.7	101.5





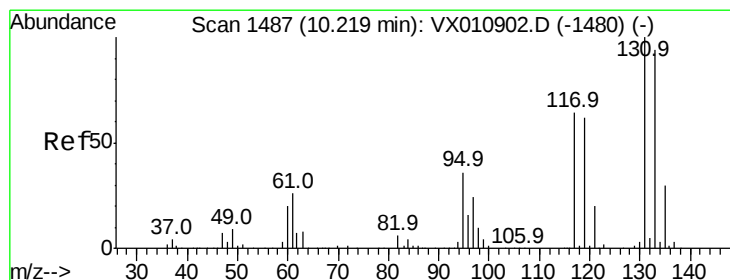
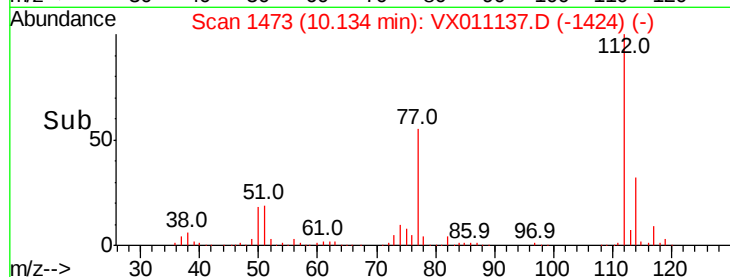
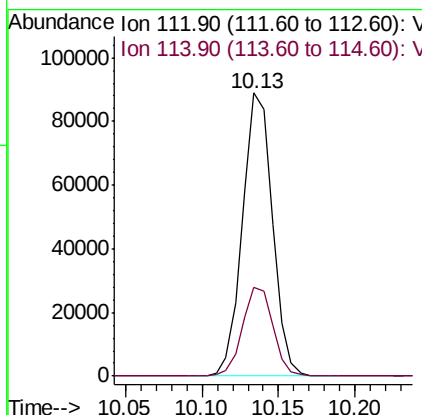
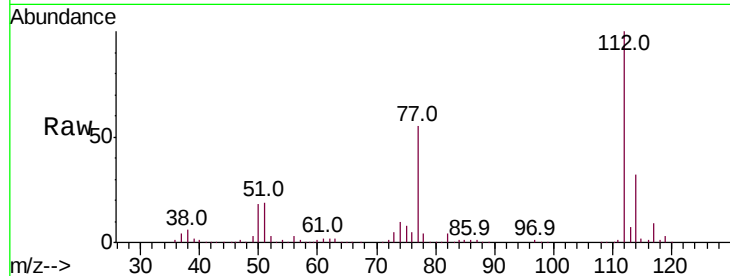
#65
Chlorobenzene
Concen: 22.279 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

Tot Ion:112 Resp: 121271
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4

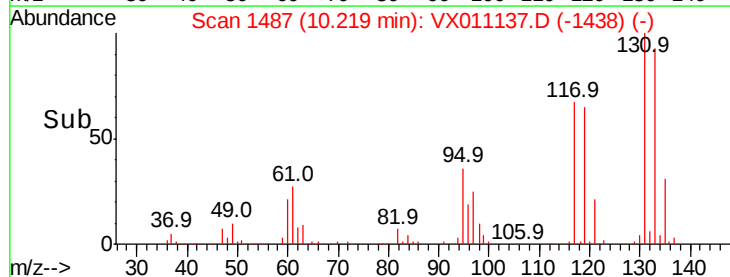
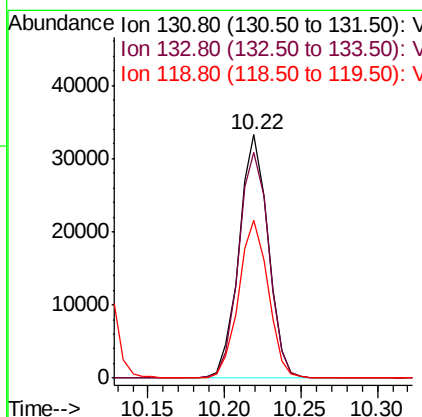
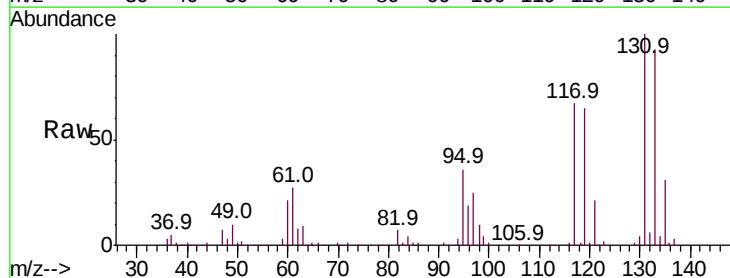
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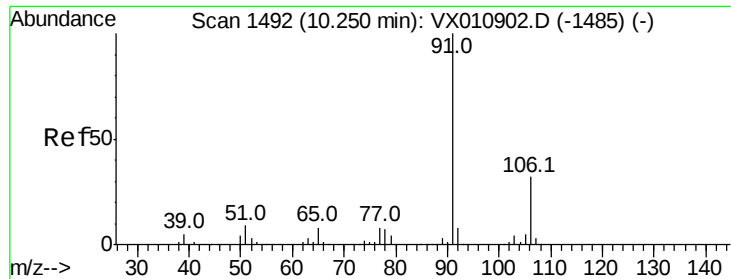
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#66
1,1,1,2-Tetrachloroethane
Concen: 23.024 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Tgt Ion:131 Resp: 44046
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 65.7 31.9 95.7





#67

Ethyl Benzene

Concen: 22.214 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

Tot Ion: 91 Resp: 205811

Ion Ratio Lower Upper

91 100

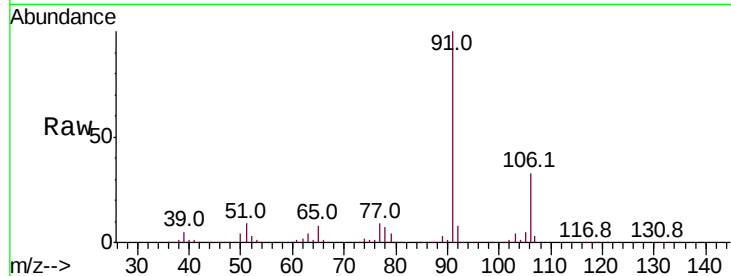
106 32.9 25.4 38.2

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

250000

200000

150000

100000

50000

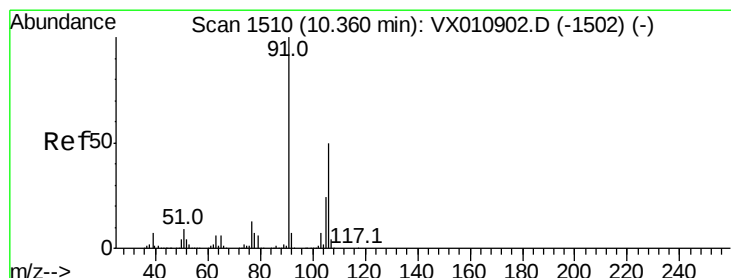
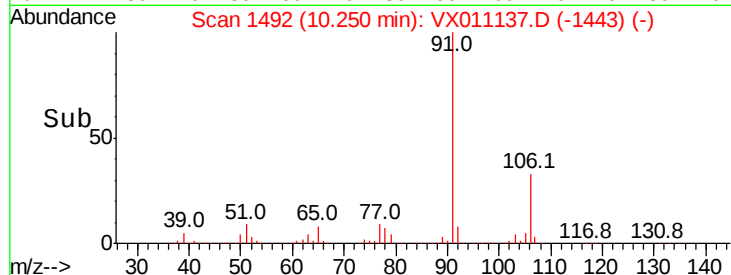
0

10.20

10.25

10.30

Time-->



#68

m/p-Xylenes

Concen: 44.414 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011137.D

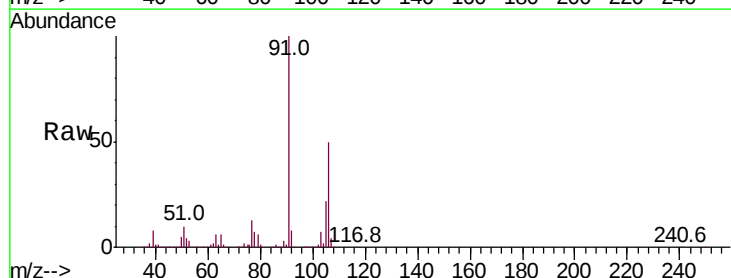
Acq: 29 Jul 2019 11:53

Tgt Ion: 106 Resp: 157848

Ion Ratio Lower Upper

106 100

91 199.7 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

100000

50000

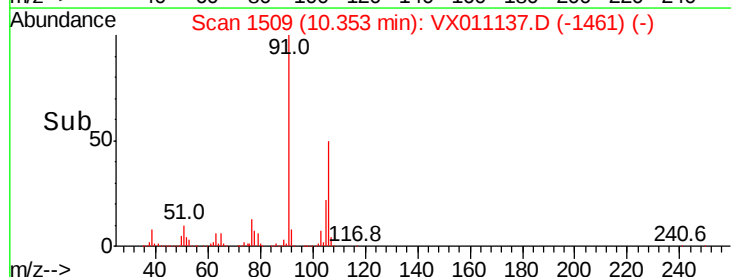
0

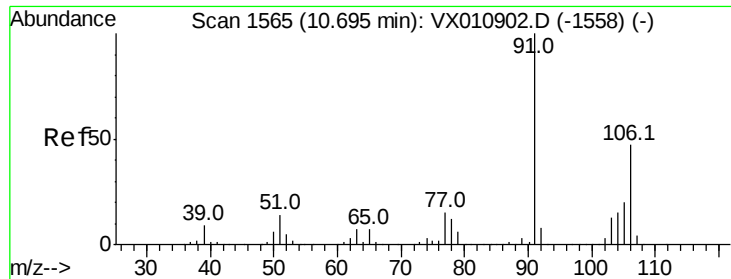
10.30

10.35

10.40

Time-->





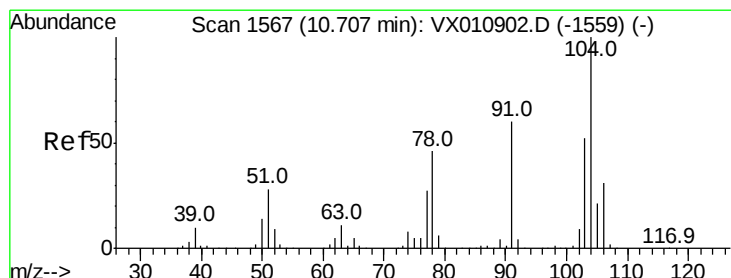
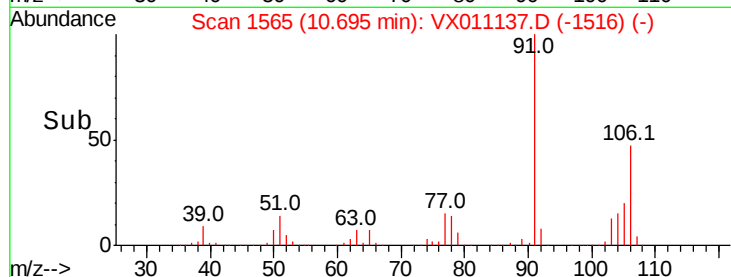
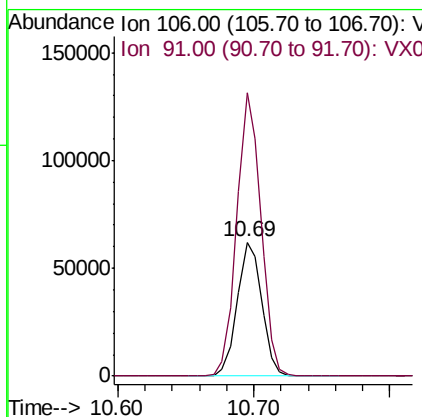
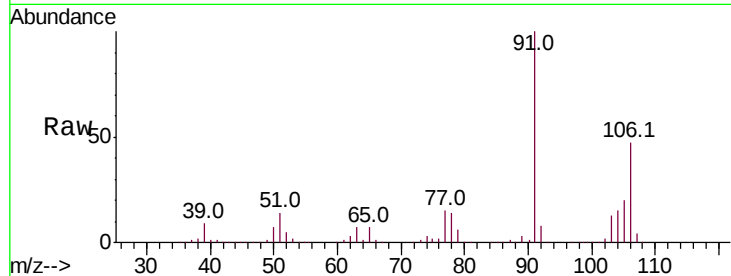
#69
o-Xylene
Concen: 22.530 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

Tot Ion:106 Resp: 78146
Ion Ratio Lower Upper
106 100
91 208.0 105.1 315.3

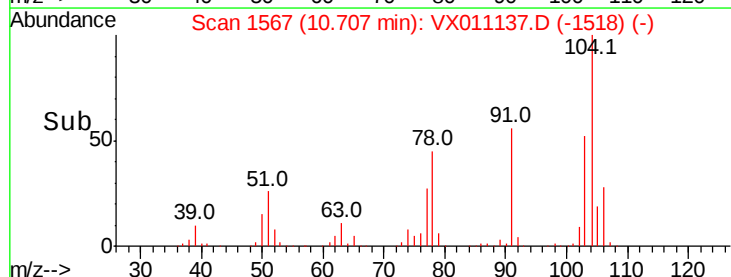
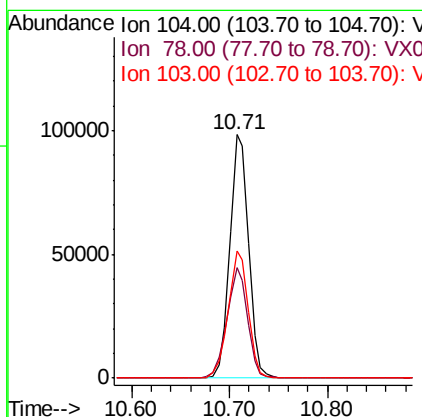
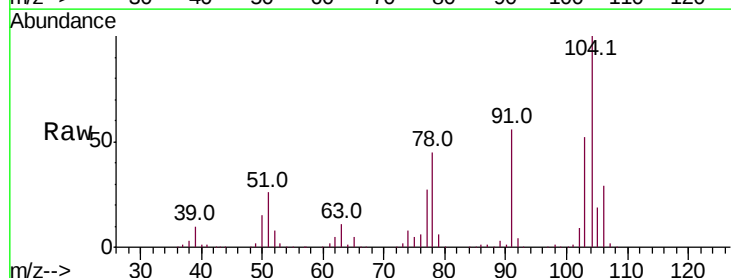
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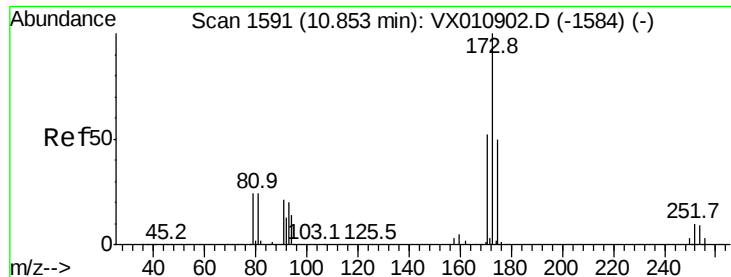
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#70
Styrene
Concen: 22.627 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Tgt Ion:104 Resp: 130831
Ion Ratio Lower Upper
104 100
78 49.5 38.8 58.2
103 55.7 44.2 66.4





#71

Bromoform

Concen: 21.056 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

Tot Ion:173 Resp: 33968

Ion Ratio Lower Upper

173 100

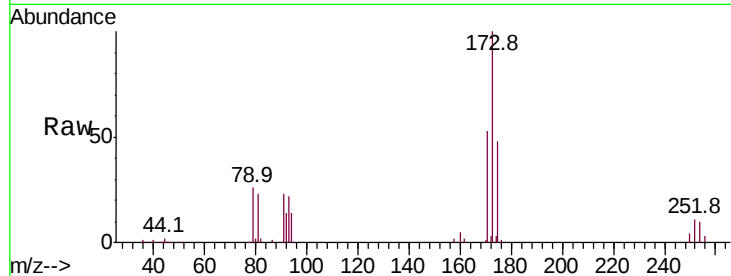
175 48.6 24.6 73.6

254 0.0 0.1 0.1#

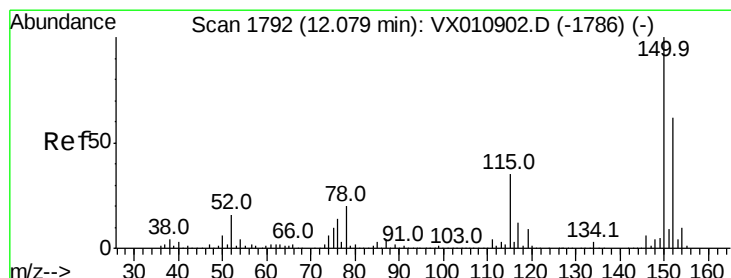
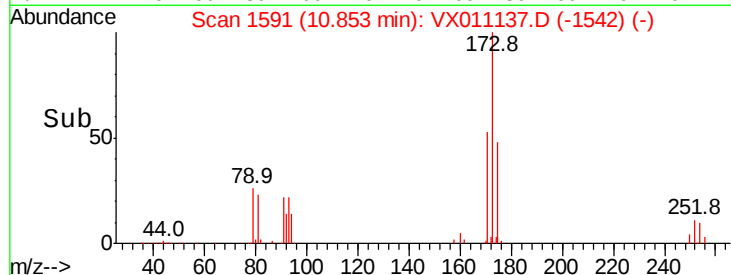
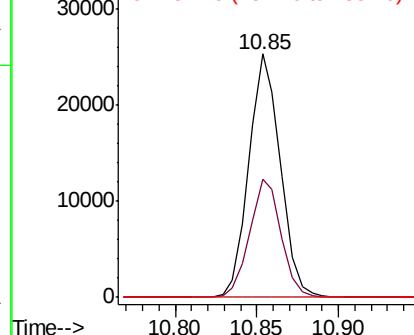
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

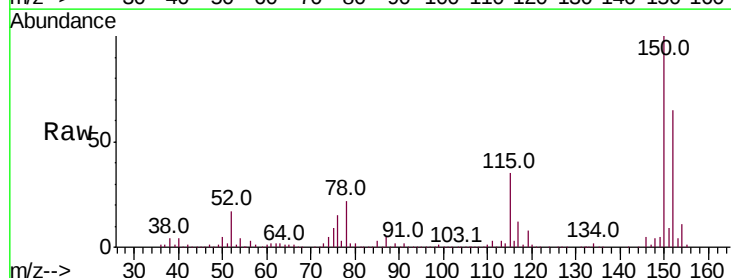
Tgt Ion:152 Resp: 138530

Ion Ratio Lower Upper

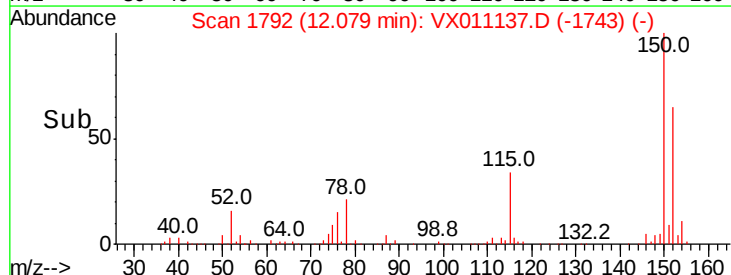
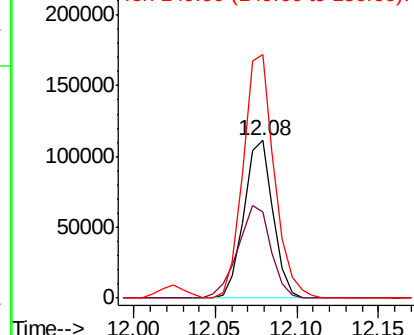
152 100

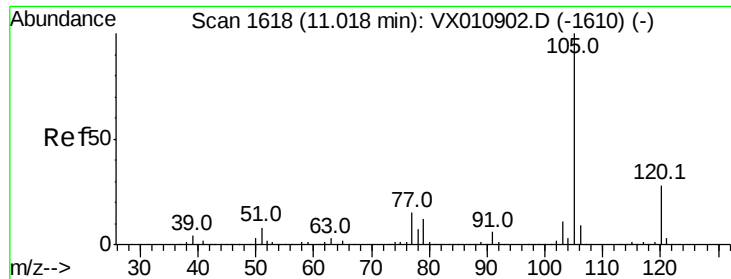
115 66.5 39.7 119.1

150 165.3 0.0 345.6



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





#73

Isopropylbenzene

Concen: 22.508 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

Tot Ion:105 Resp: 210683

Ion Ratio Lower Upper

105 100

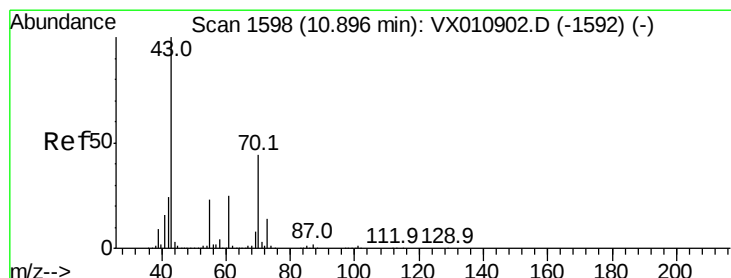
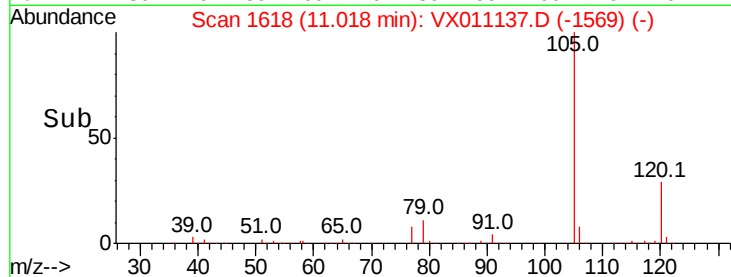
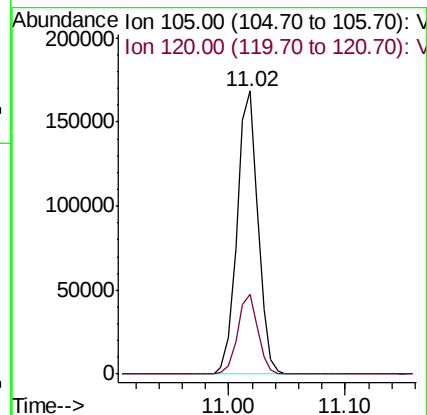
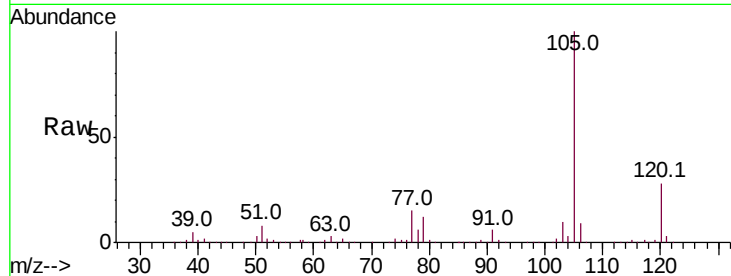
120 27.4 13.7 41.1

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#74

N-ethyl acetate

Concen: 22.594 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Tgt Ion: 43 Resp: 80809

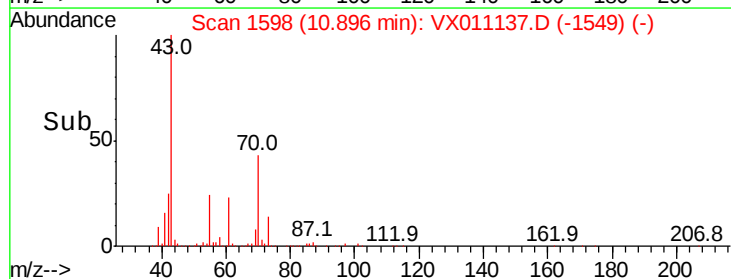
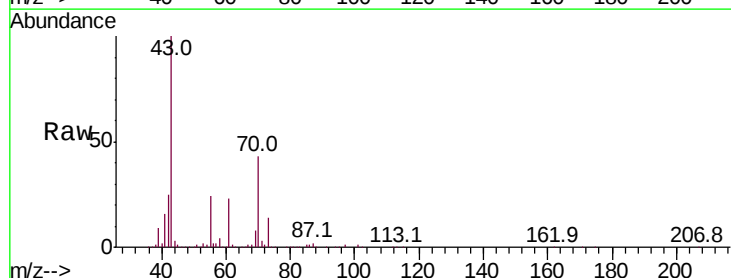
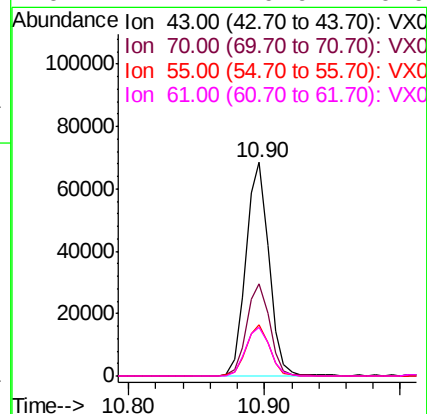
Ion Ratio Lower Upper

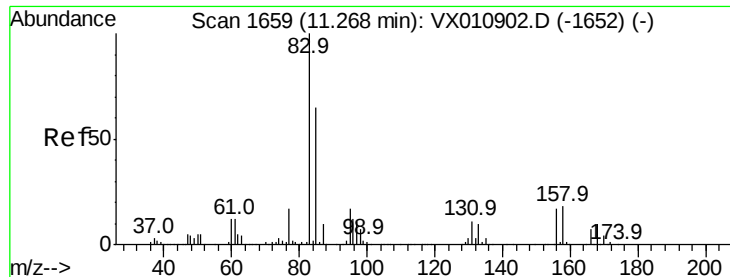
43 100

70 43.9 34.7 52.1

55 24.5 19.1 28.7

61 24.4 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 23.138 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

Tot Ion: 83 Resp: 70877

Ion Ratio Lower Upper

83 100

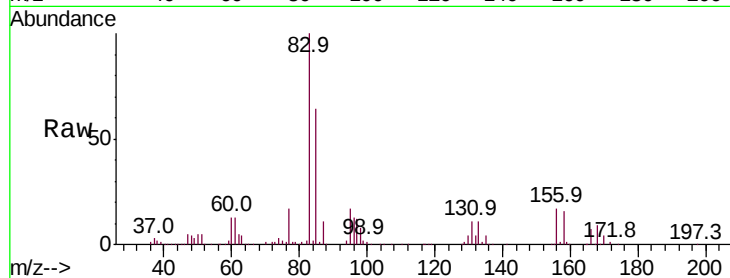
131 11.0 5.5 16.4

85 64.9 32.3 96.9

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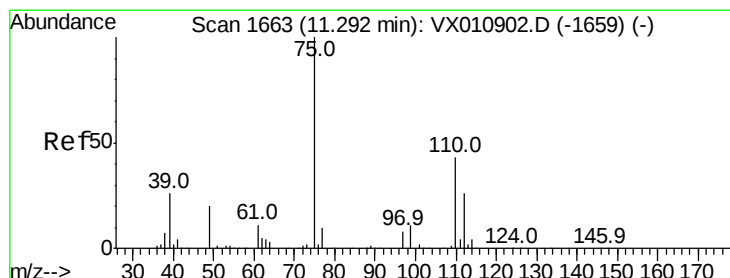
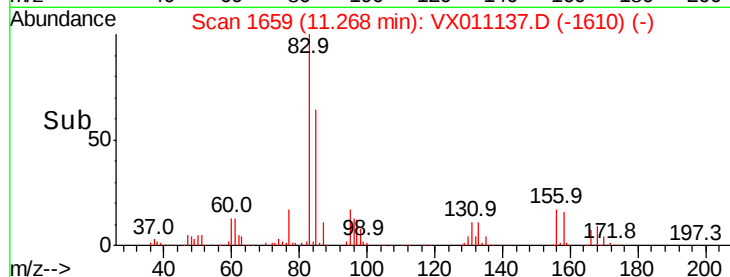
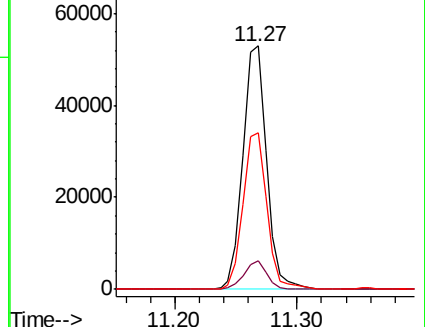
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.943 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011137.D

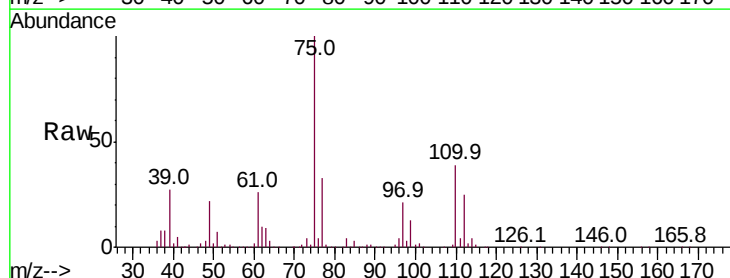
Acq: 29 Jul 2019 11:53

Tgt Ion: 75 Resp: 59855

Ion Ratio Lower Upper

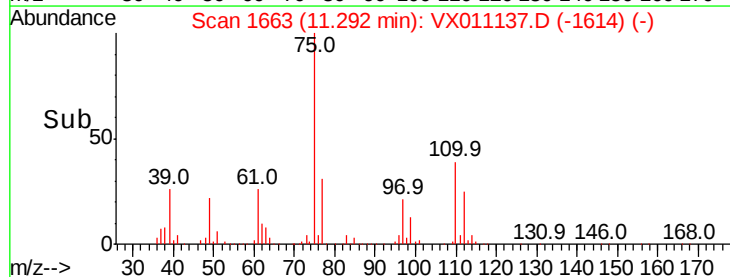
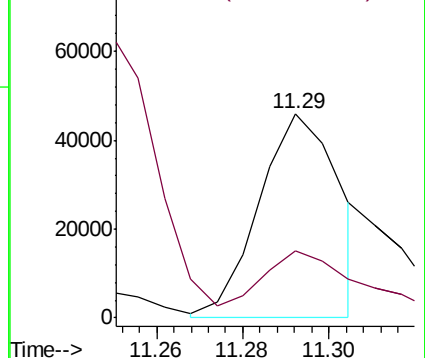
75 100

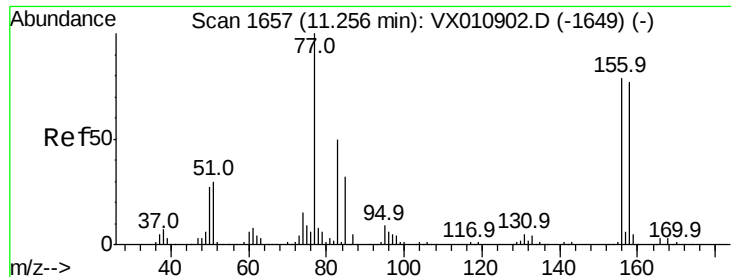
77 41.8 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.018 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

Tot Ion:156 Resp: 56848

Ion Ratio Lower Upper

156 100

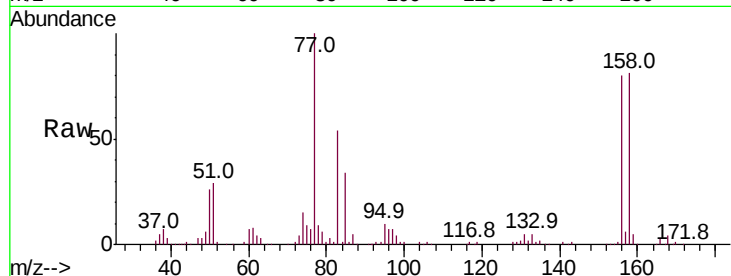
77 139.1 68.7 206.1

158 98.1 47.9 143.7

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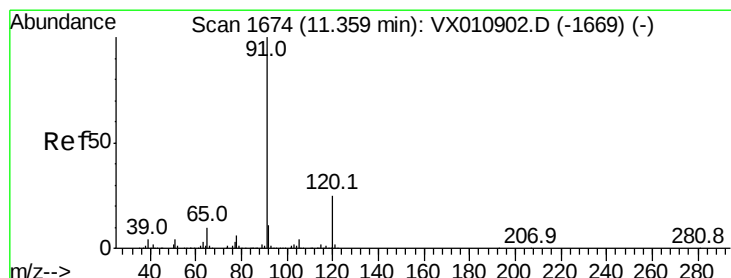
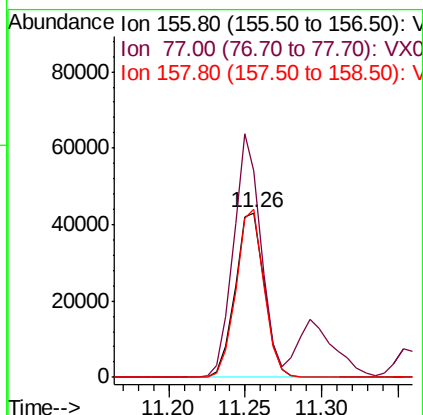
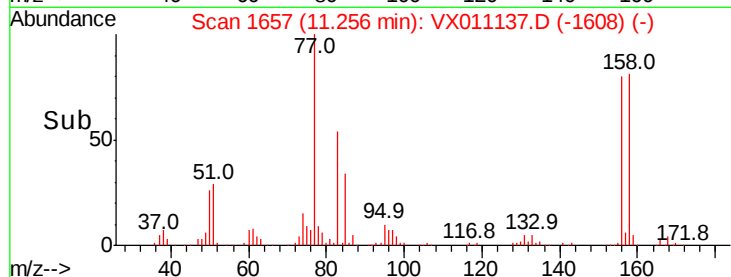
7/30/2019 11:09:02 AM



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: 22.498 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011137.D

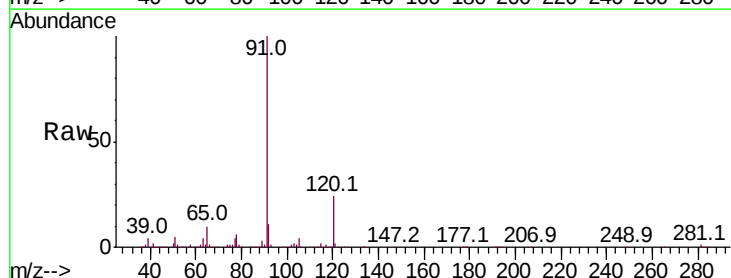
Acq: 29 Jul 2019 11:53

Tgt Ion: 91 Resp: 232691

Ion Ratio Lower Upper

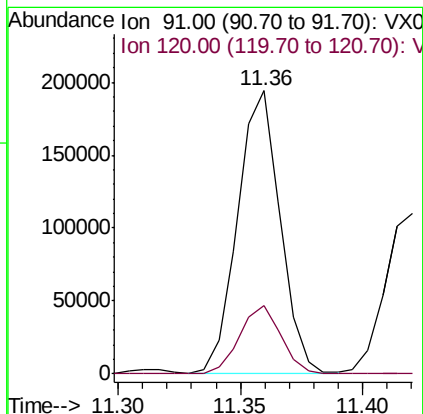
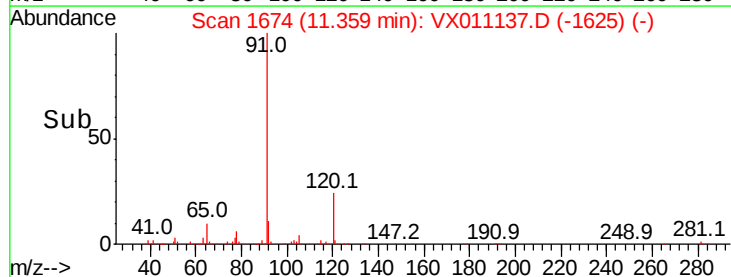
91 100

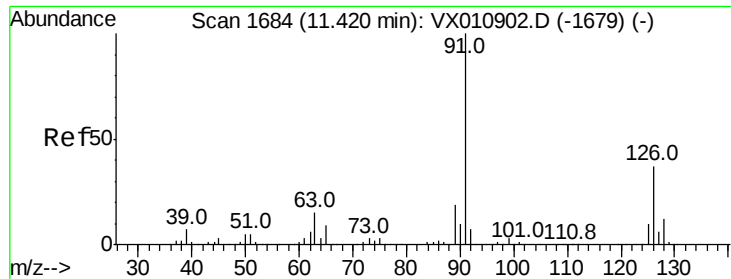
120 23.7 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.388 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

Tot Ion: 91 Resp: 139094

Ion Ratio Lower Upper

91 100

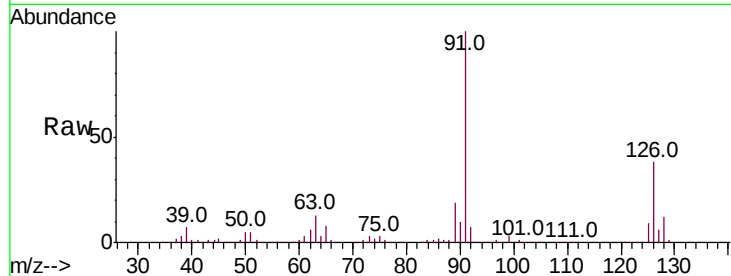
126 37.1 18.0 54.0

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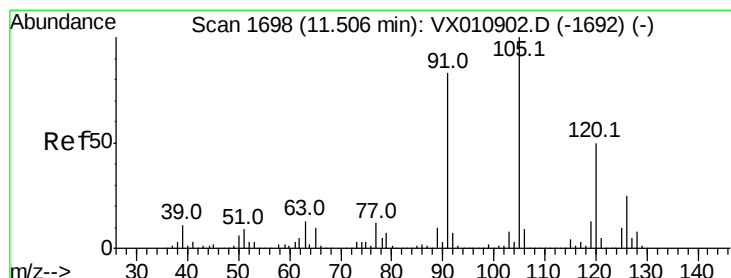
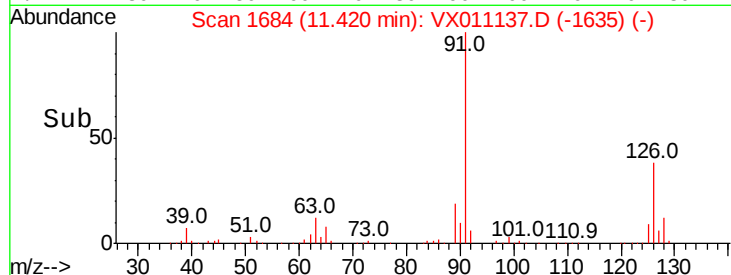
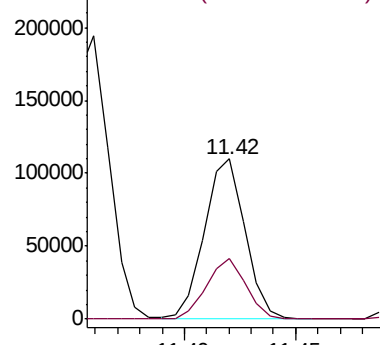
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.617 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011137.D

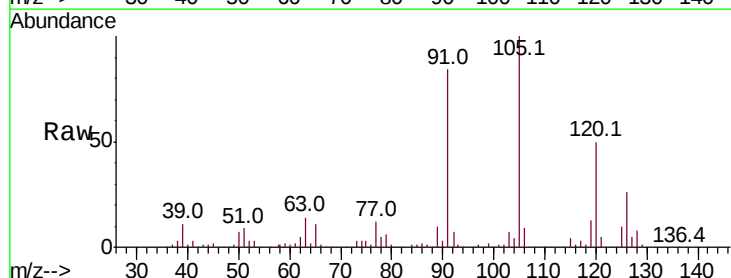
Acq: 29 Jul 2019 11:53

Tgt Ion:105 Resp: 176905

Ion Ratio Lower Upper

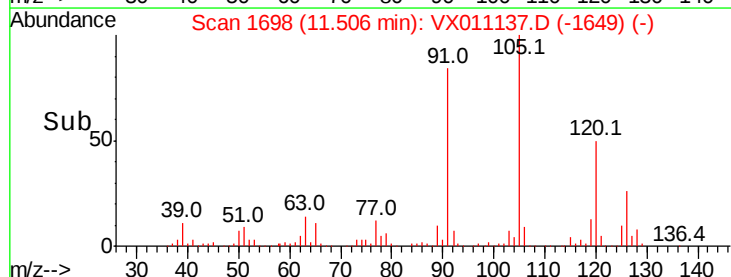
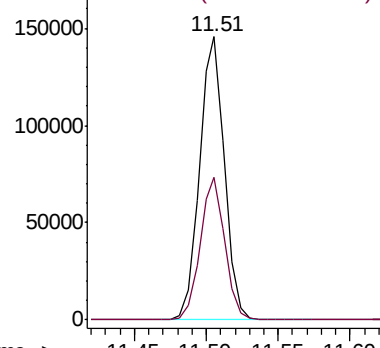
105 100

120 49.6 24.6 73.8



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: 22.848 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

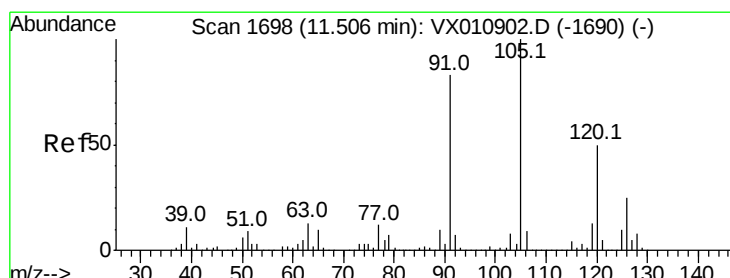
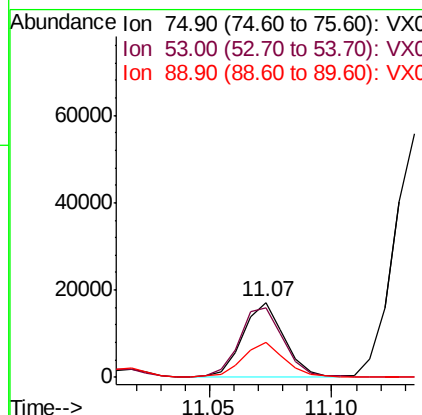
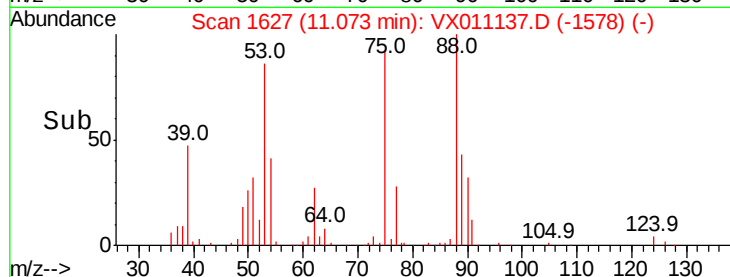
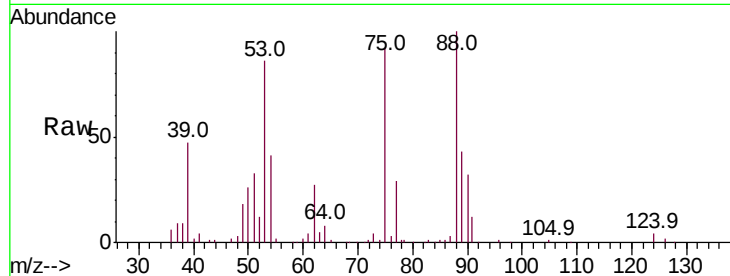
ClientSampled :

VX0729WBSD01

Tot Ion:	75	Resp:	20227
Ion Ratio	Lower	Upper	
75	100		
53	97.3	76.7	115.1
89	46.7	38.5	57.7

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#82

4-Chlorotoluene

Concen: 22.503 ug/l

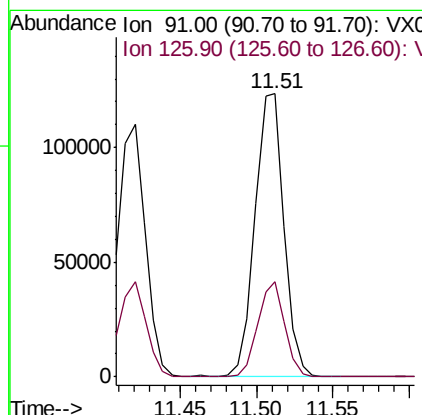
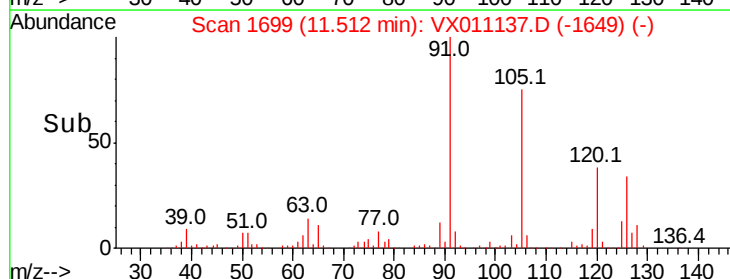
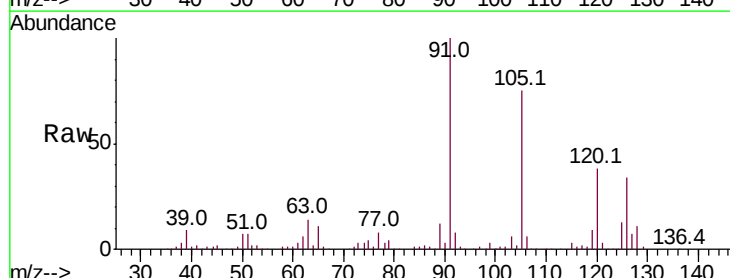
RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Tgt Ion:	91	Resp:	162724
Ion Ratio	Lower	Upper	
91	100		
126	31.4	15.9	47.7





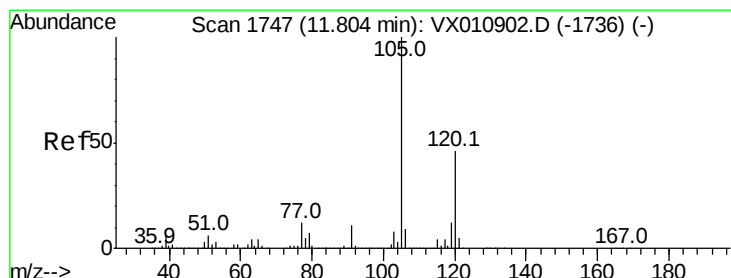
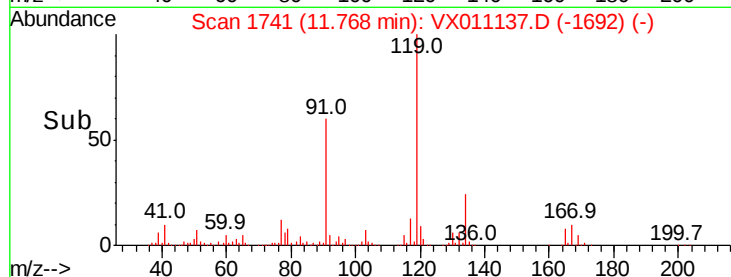
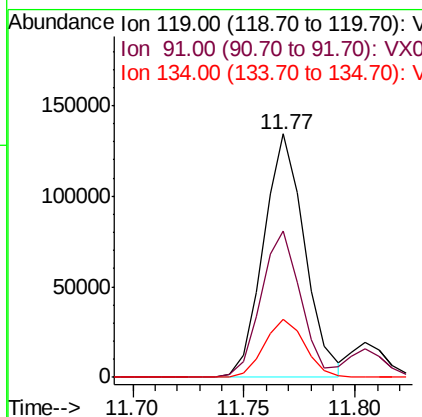
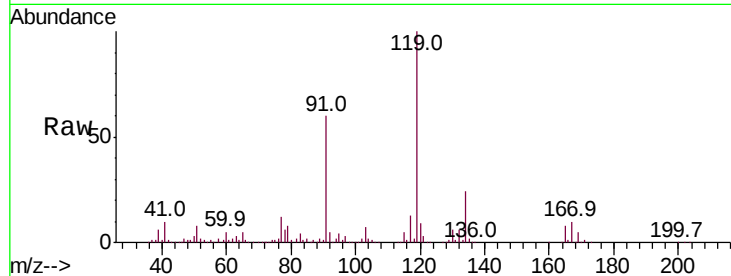
#83
tert-Butylbenzene
Concen: 22.490 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	172783		
91	58.7	28.6	85.8	
134	23.7	11.6	34.8	

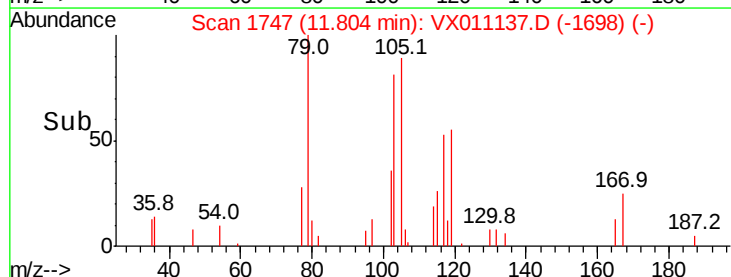
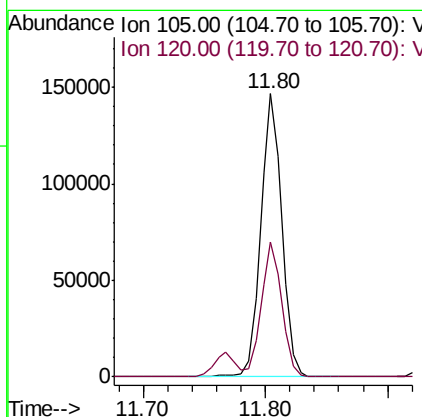
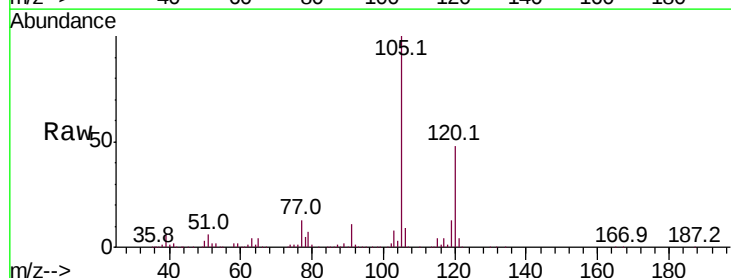
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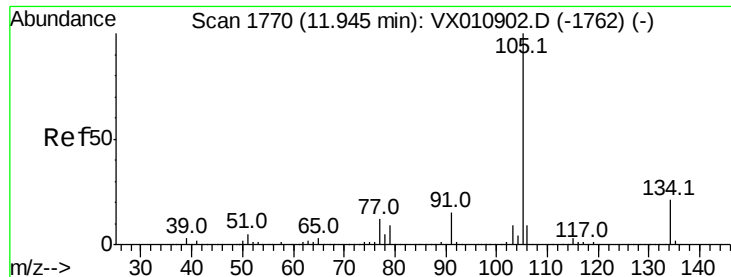
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#84
1,2,4-Trimethylbenzene
Concen: 22.395 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011137.D
Acq: 29 Jul 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	176548		
120	46.5	22.9	68.5	





#85

sec-Butylbenzene

Concen: 22.772 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

Tot Ion:105 Resp: 205002

Ion Ratio Lower Upper

105 100

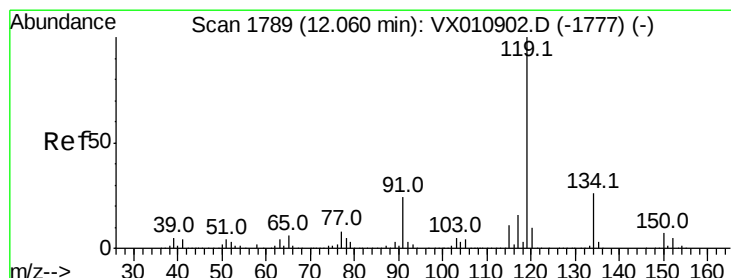
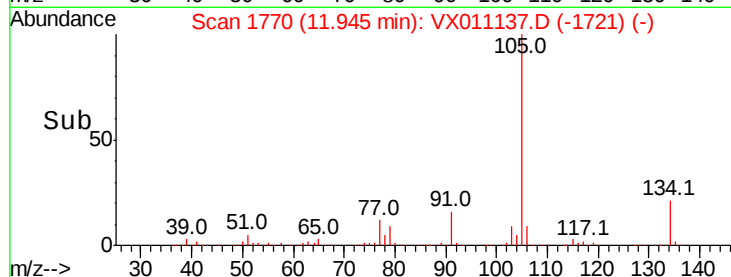
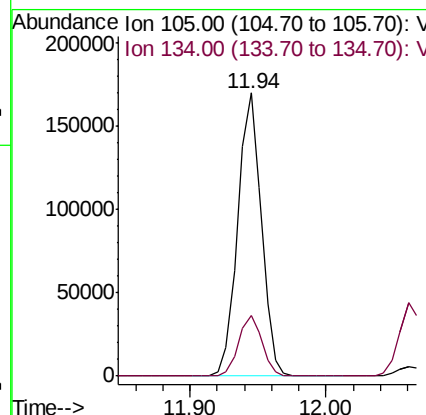
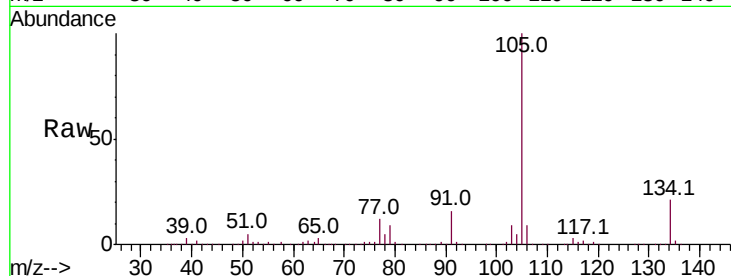
134 21.2 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 22.796 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

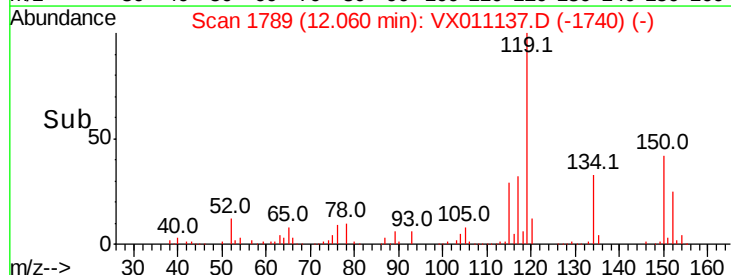
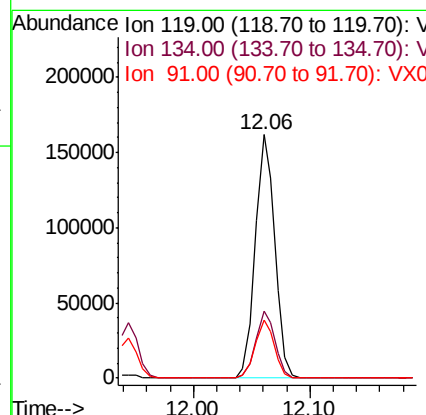
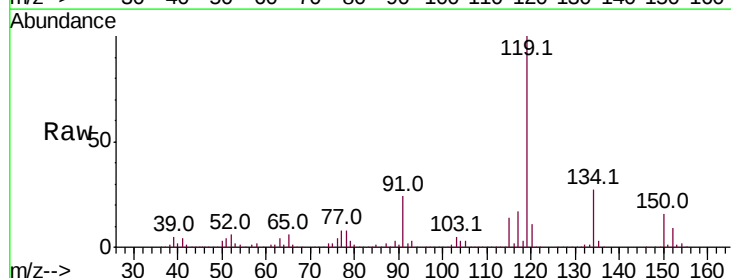
Tgt Ion:119 Resp: 189717

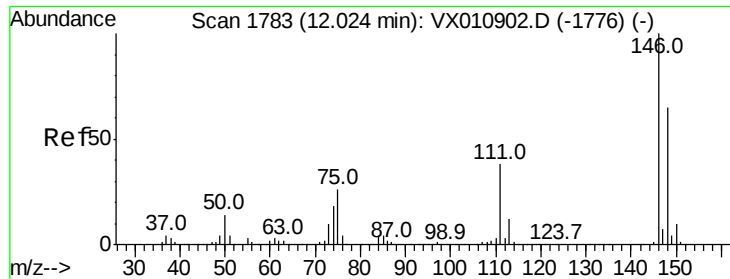
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 23.7 11.8 35.4





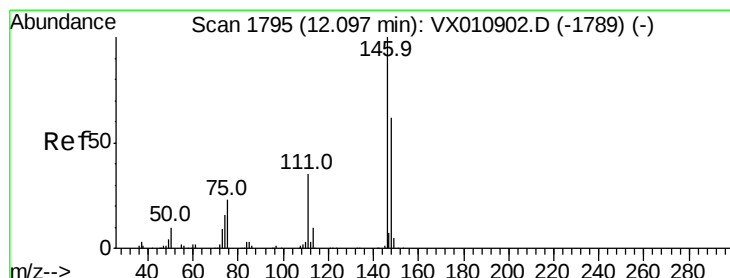
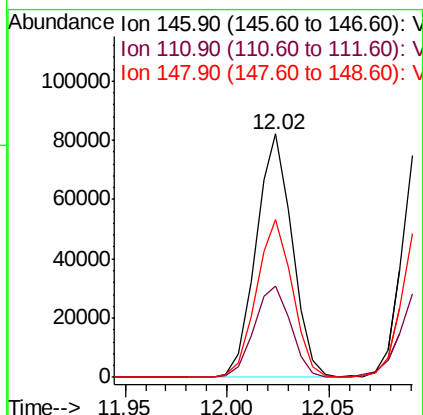
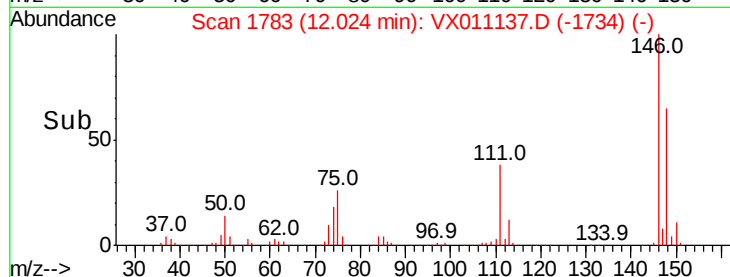
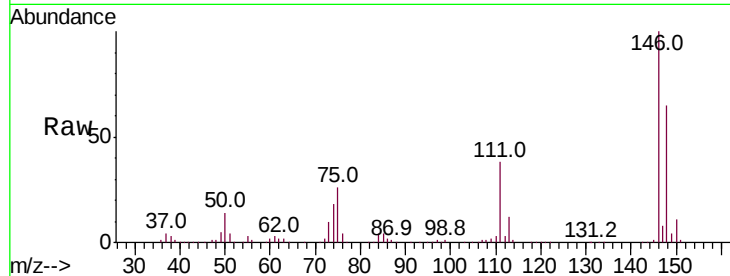
#87
 1,3-Dichlorobenzene
 Concen: 22.532 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011137.D
 Acq: 29 Jul 2019 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	64.8	32.2	96.6

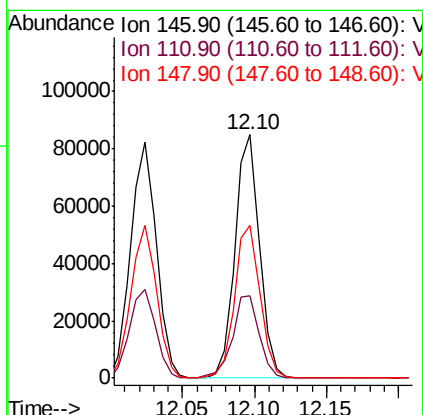
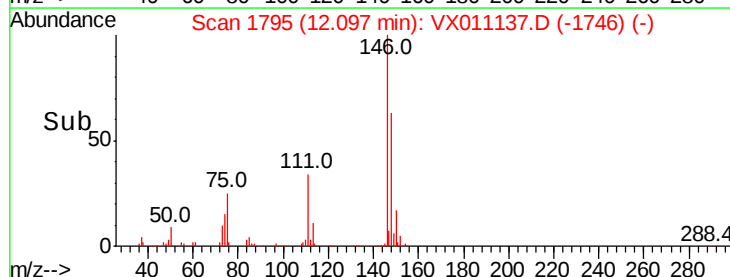
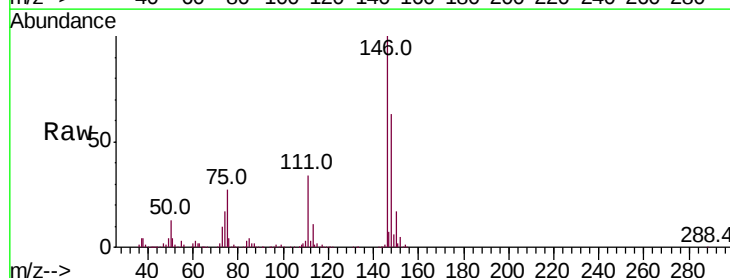
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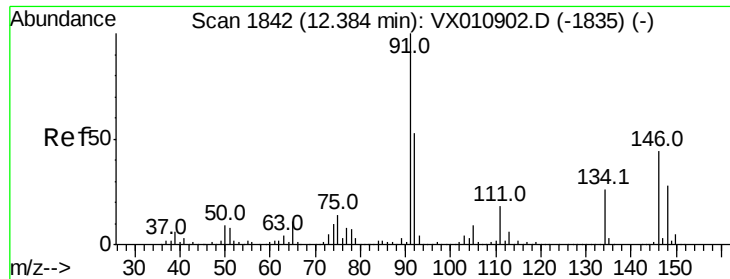
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#88
 1,4-Dichlorobenzene
 Concen: 22.071 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011137.D
 Acq: 29 Jul 2019 11:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	55.8
148	65.2	31.6	94.7





#89

n-Butylbenzene

Concen: 22.553 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

Tot Ion: 91 Resp: 160579
Ion Ratio Lower Upper

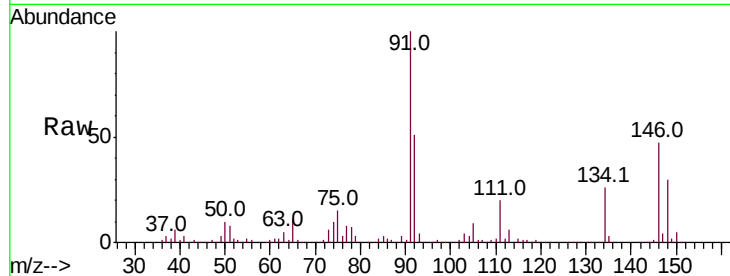
91 100

92 52.0 26.2 78.5

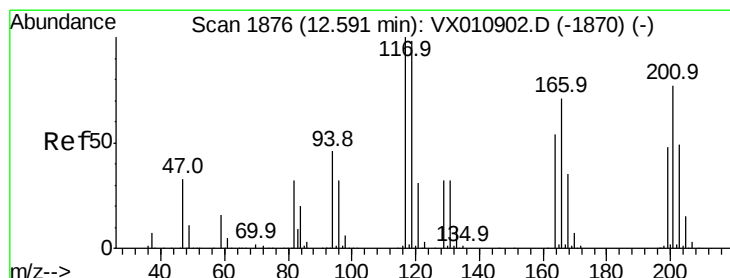
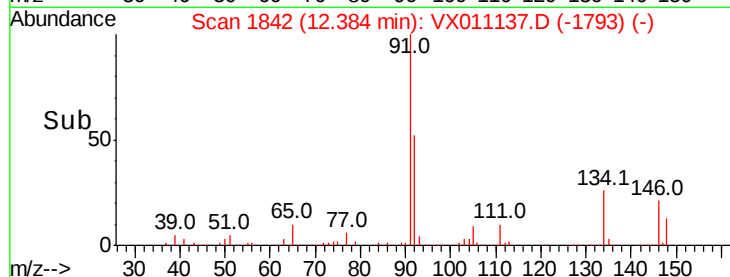
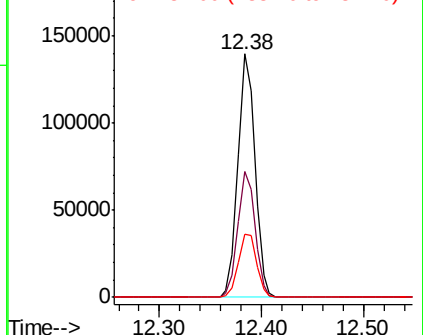
134 27.5 13.8 41.3

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Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.717 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

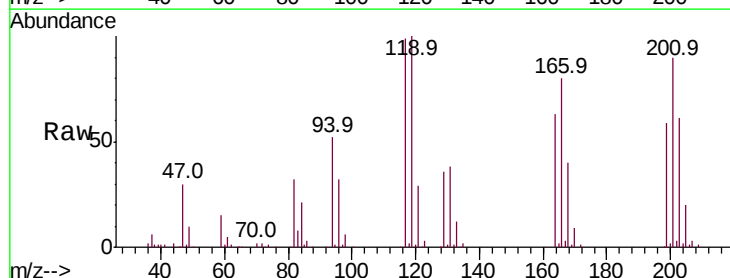
Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

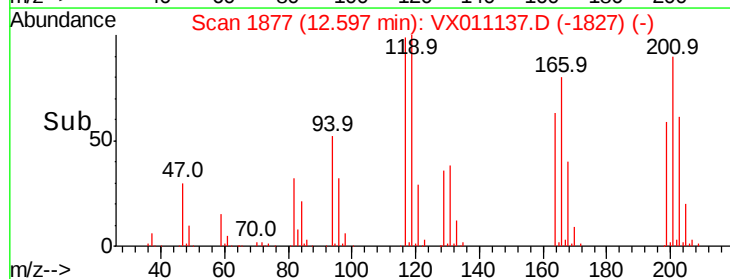
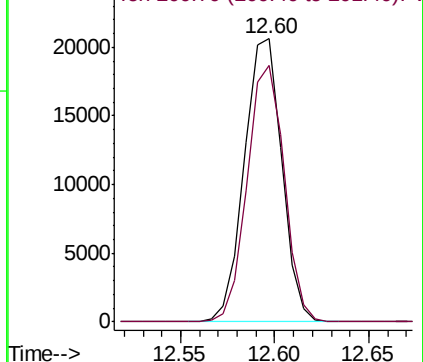
Tgt Ion: 117 Resp: 28507
Ion Ratio Lower Upper

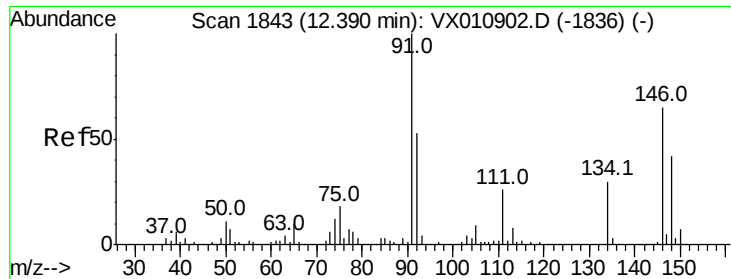
117 100

201 89.3 43.3 129.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





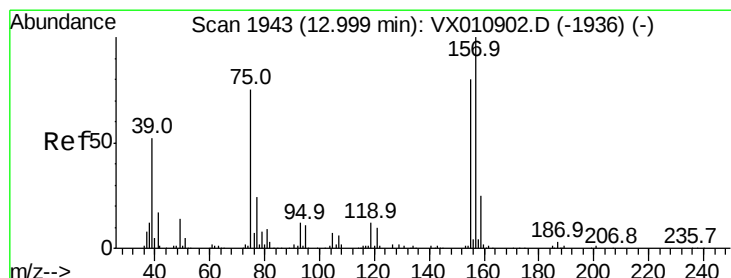
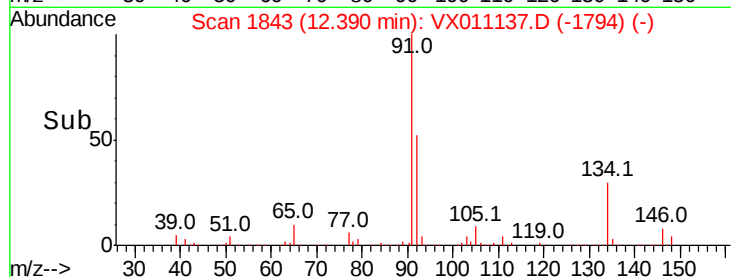
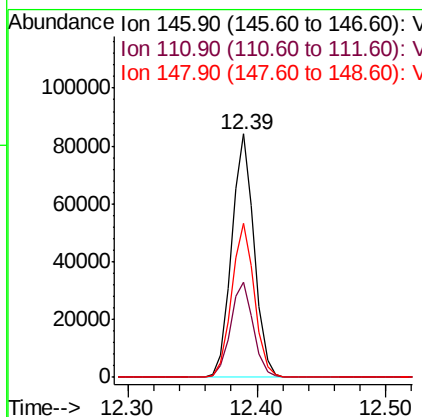
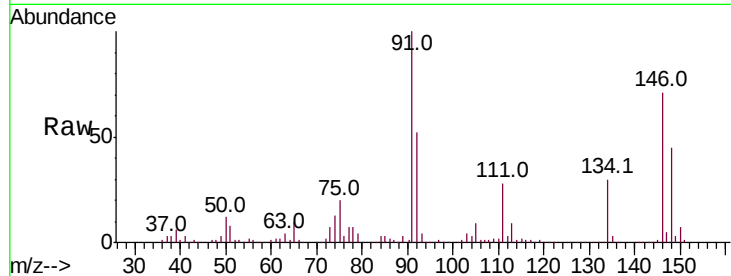
#91
 1,2-Dichlorobenzene
 Concen: 23.176 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011137.D
 Acq: 29 Jul 2019 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.9	59.7
148	63.6	32.0	96.2

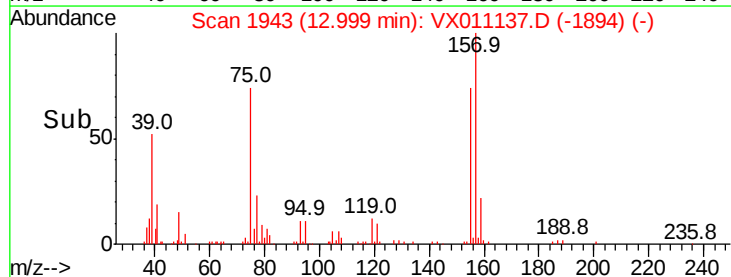
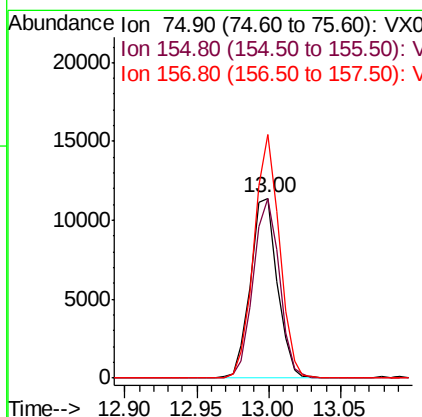
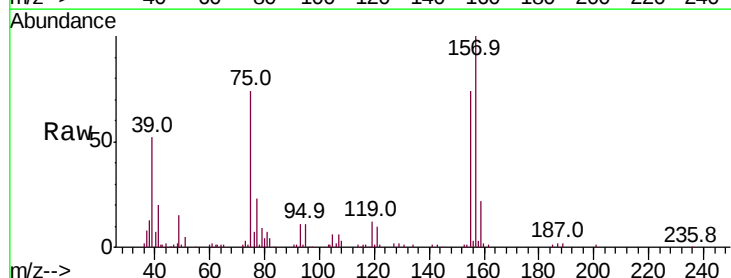
Manual Integrations
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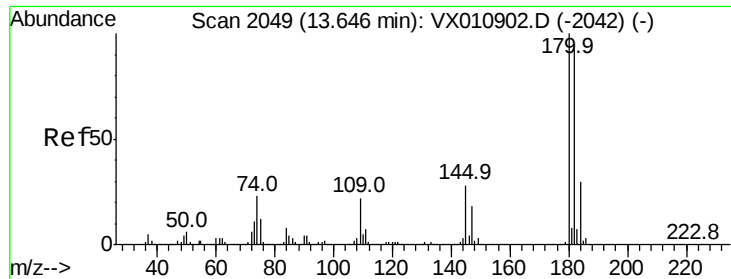
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.003 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011137.D
 Acq: 29 Jul 2019 11:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.0	48.7	146.1
157	127.1	62.5	187.6





#93

1,2,4-Trichlorobenzene

Concen: 22.683 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

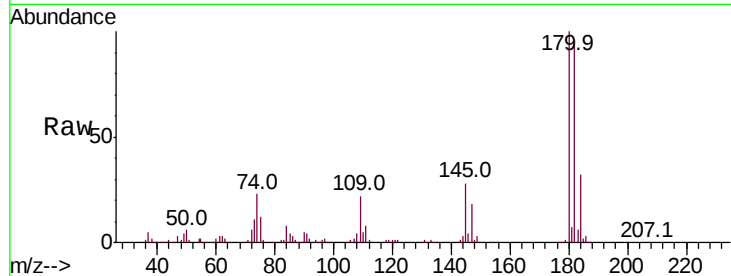
ClientSampleId :

VX0729WBSD01

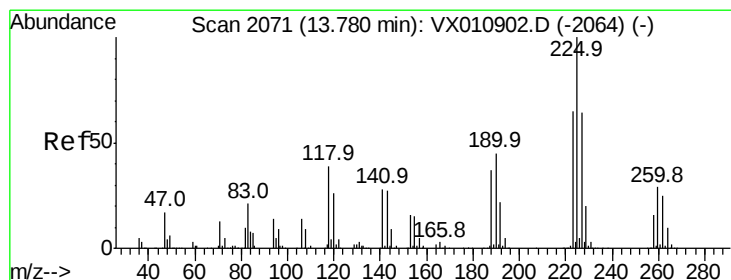
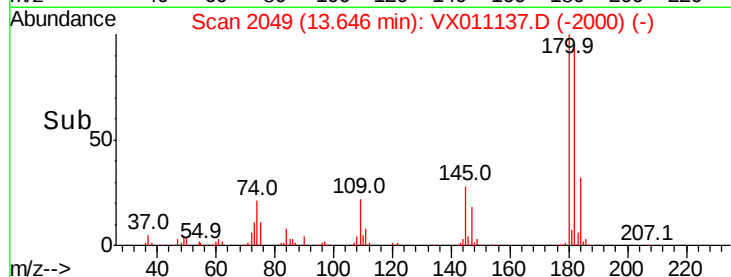
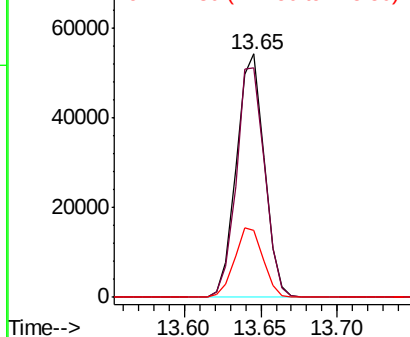
Tot Ion:	180	Resp:	68266
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.1	141.3
145	29.5	14.8	44.4

Manual Integrations
APPROVED

MMDadoda
7/30/2019 11:09:02 AM



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



#94

Hexachlorobutadiene

Concen: 22.867 ug/l

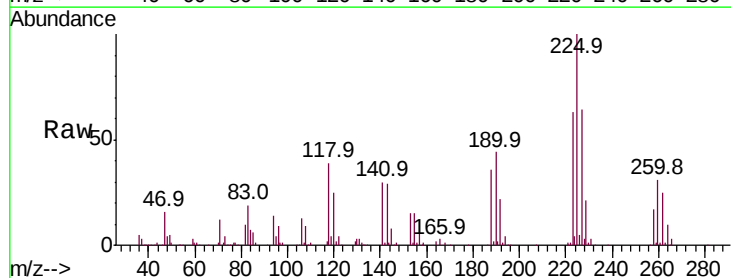
RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

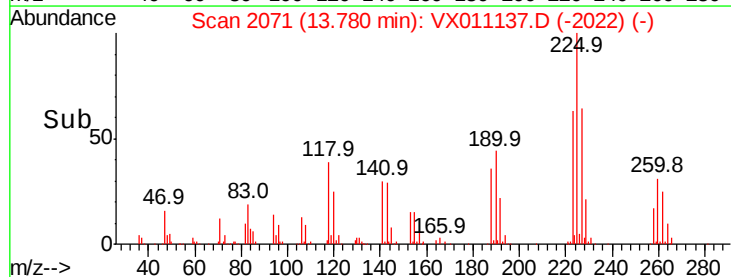
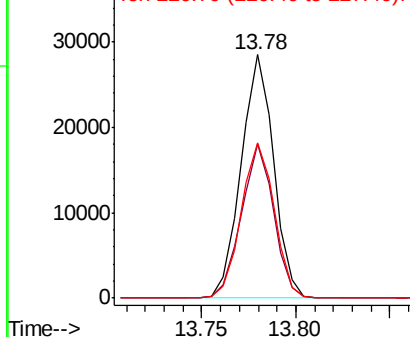
Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Tgt Ion:	225	Resp:	34104
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.9	95.9
227	64.9	32.5	97.4



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





#95

Naphthalene

Concen: 24.019 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Instrument :

MSVOA_X

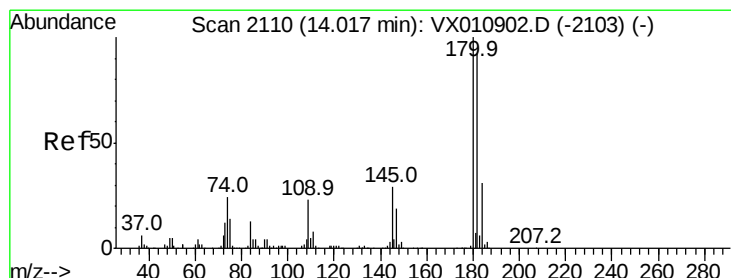
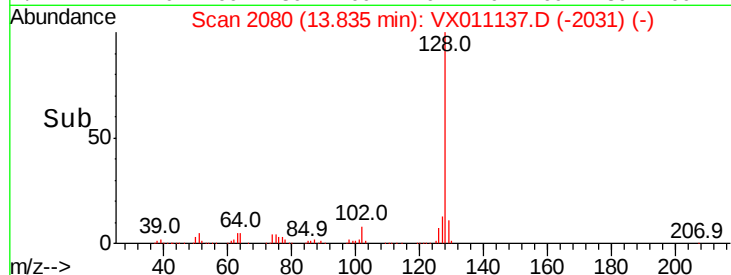
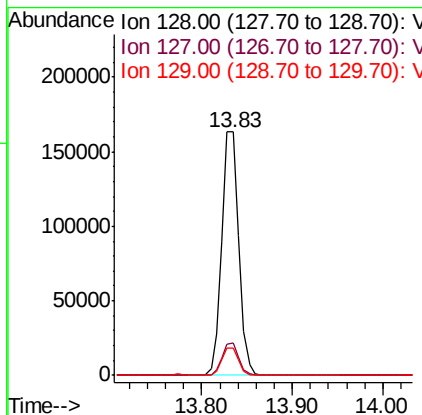
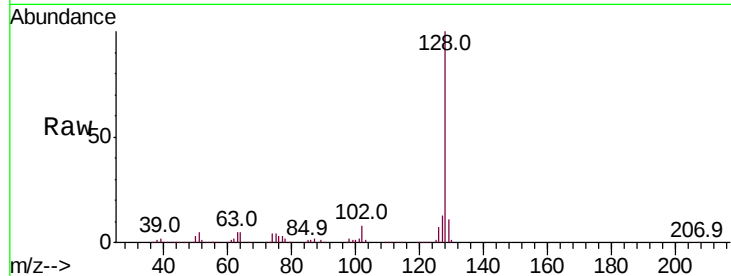
ClientSampleId :

VX0729WBSD01

Tot Ion:	128	Resp:	213455
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.2	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/30/2019 11:09:02 AM



#96

1,2,3-Trichlorobenzene

Concen: 23.574 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011137.D

Acq: 29 Jul 2019 11:53

Tgt Ion:	180	Resp:	70590
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.4	142.3
145	31.0	15.1	45.3

