

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072619\
 Data File : VX011110.D
 Acq On : 26 Jul 2019 23:59
 Operator : JC/SP
 Sample : VX0726WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 11:52:58 AM

Quant Time: Jul 27 04:16:48 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	5.67	168	178838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	274730	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	132686	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106710	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	
35) Dibromofluoromethane	5.50	113	94630	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
50) Toluene-d8	8.71	98	350388	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
62) 4-Bromofluorobenzene	11.13	95	128202	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33732	18.042	ug/l	95
3) Chloromethane	1.33	50	31641	19.239	ug/l	99
4) Vinyl Chloride	1.41	62	32857	19.587	ug/l	98
5) Bromomethane	1.64	94	21077	22.297	ug/l	100
6) Chloroethane	1.72	64	22363	20.978	ug/l	94
7) Trichlorofluoromethane	1.93	101	57172	20.134	ug/l	100
8) Diethyl Ether	2.19	74	19602	20.036	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31205	19.247	ug/l	96
10) Methyl Iodide	2.51	142	33193	15.601	ug/l	100
11) Tert butyl alcohol	3.05	59	45162	101.925	ug/l	100
12) 1,1-Dichloroethene	2.37	96	31380	19.699	ug/l	97
13) Acrolein	2.29	56	16258	63.507	ug/l	97
14) Allyl chloride	2.73	41	43843	18.948	ug/l	99
15) Acrylonitrile	3.14	53	91403	102.087	ug/l	100
16) Acetone	2.45	43	75638	88.024	ug/l	99
17) Carbon Disulfide	2.57	76	65220	15.961	ug/l	99
18) Methyl Acetate	2.78	43	45302	23.153	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	104379	20.355	ug/l	97
20) Methylene Chloride	2.85	84	36358	19.966	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	32574	19.272	ug/l	97
22) Diisopropyl ether	3.85	45	99945	20.480	ug/l	97
23) Vinyl Acetate	3.81	43	404938	97.934	ug/l	99
24) 1,1-Dichloroethane	3.70	63	56880	20.070	ug/l	99
25) 2-Butanone	4.67	43	124863	101.227	ug/l	100
26) 2,2-Dichloropropane	4.59	77	33726	14.493	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	38323	19.591	ug/l	98
28) Bromochloromethane	5.02	49	28361	21.236	ug/l	94
29) Tetrahydrofuran	5.13	42	80200	102.643	ug/l	100
30) Chloroform	5.21	83	61290	20.008	ug/l	97
31) Cyclohexane	5.58	56	46689	18.074	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	52627	19.857	ug/l	99
36) 1,1-Dichloropropene	5.80	75	41726	18.490	ug/l	98
37) Ethyl Acetate	4.83	43	46477	20.113	ug/l	99
38) Carbon Tetrachloride	5.79	117	44603	18.968	ug/l	94

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Manual Integrations
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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	47305	16.165	ug/l	97
40) Benzene	6.14	78	133720	19.344	ug/l	99
41) Methacrylonitrile	5.04	41	25990	19.813	ug/l	95
42) 1,2-Dichloroethane	6.20	62	47928	19.941	ug/l	98
43) Isopropyl Acetate	6.44	43	73887	19.446	ug/l	99
44) Trichloroethene	7.21	130	38545	18.838	ug/l	91
45) 1,2-Dichloropropane	7.51	63	34564	19.645	ug/l	99
46) Dibromomethane	7.66	93	25169	20.020	ug/l	97
47) Bromodichloromethane	7.90	83	44006	19.664	ug/l	95
48) Methyl methacrylate	7.77	41	35184	19.008	ug/l	99
49) 1,4-Dioxane	7.74	88	20172	389.603	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	252539	102.532	ug/l	99
52) Toluene	8.78	92	86660	19.084	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	42505	17.664	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	48736	18.201	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	37754	20.192	ug/l	98
56) Ethyl methacrylate	9.18	69	54217	19.823	ug/l	98
57) 1,3-Dichloropropane	9.37	76	58738	19.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	140717	107.779	ug/l	99
59) 2-Hexanone	9.49	43	194584	101.857	ug/l	99
60) Dibromochloromethane	9.58	129	36580	18.667	ug/l	97
61) 1,2-Dibromoethane	9.67	107	38771	19.539	ug/l	100
64) Tetrachloroethene	9.34	164	39052	19.877	ug/l	99
65) Chlorobenzene	10.13	112	98510	19.204	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	34745	19.273	ug/l	96
67) Ethyl Benzene	10.25	91	167867	19.226	ug/l	99
68) m/p-Xylenes	10.36	106	129937	38.796	ug/l	99
69) o-Xylene	10.69	106	63677	19.481	ug/l	100
70) Styrene	10.71	104	106293	19.507	ug/l	98
71) Bromoform	10.85	173	26657	17.961	ug/l #	97
73) Isopropylbenzene	11.02	105	170946	19.067	ug/l	100
74) N-amyl acetate	10.90	43	65156	19.020	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	57774	19.691	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	47756m	19.945	ug/l	
77) Bromobenzene	11.25	156	47120	19.054	ug/l	99
78) n-propylbenzene	11.36	91	184993	18.674	ug/l	99
79) 2-Chlorotoluene	11.42	91	112691	18.937	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	143858	19.202	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13112	16.749	ug/l	90
82) 4-Chlorotoluene	11.51	91	132408	19.117	ug/l	98
83) tert-Butylbenzene	11.77	119	139745	18.991	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	143174	18.961	ug/l	99
85) sec-Butylbenzene	11.94	105	166972	19.365	ug/l	99
86) p-Isopropyltoluene	12.06	119	150580	18.890	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	82884	19.313	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	81101	18.425	ug/l	97
89) n-Butylbenzene	12.38	91	123120	18.053	ug/l	100
90) Hexachloroethane	12.59	117	22472	17.873	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	84342	19.829	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	12135	19.786	ug/l	95

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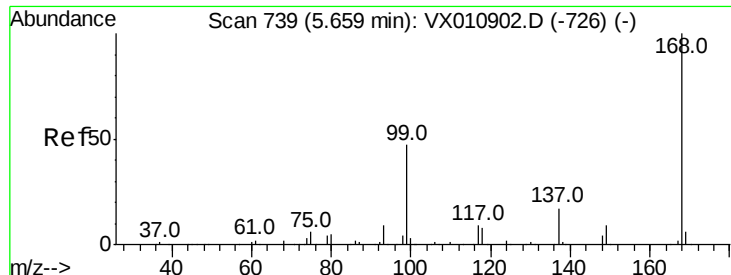
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54832	19.022	ug/l	97
94) Hexachlorobutadiene	13.78	225	26265	18.387	ug/l	100
95) Naphthalene	13.83	128	175412	20.607	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	57307	19.981	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

Tot Ion:168 Resp: 178838

Ion Ratio Lower Upper

168 100

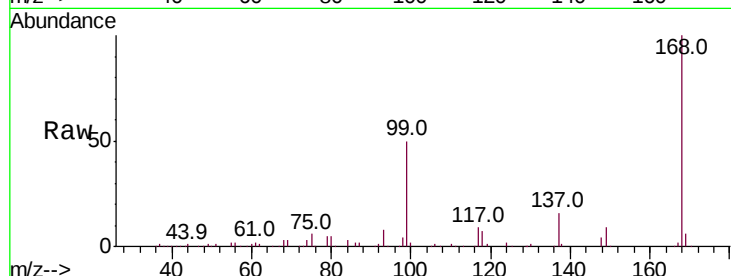
99 49.8 37.6 56.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

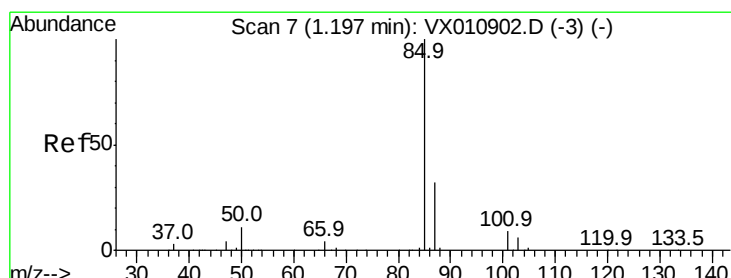
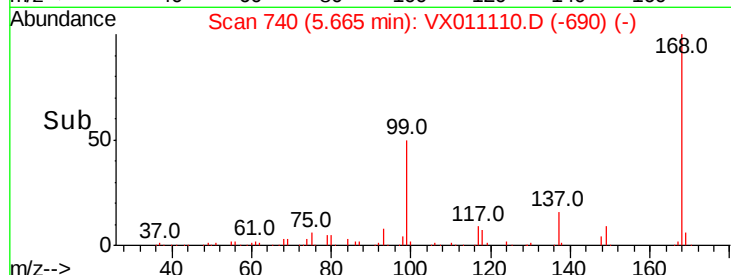
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.042 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011110.D

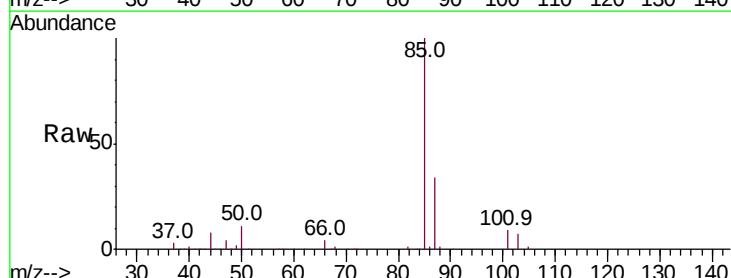
Acq: 26 Jul 2019 23:59

Tgt Ion: 85 Resp: 33732

Ion Ratio Lower Upper

85 100

87 34.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

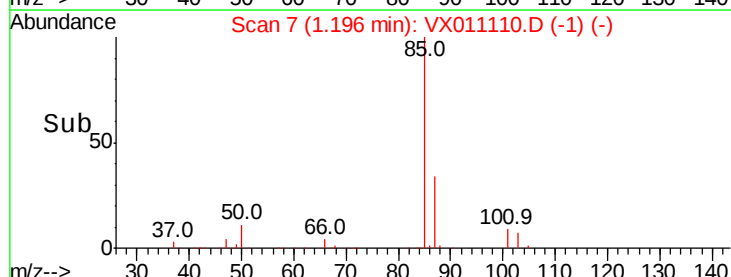
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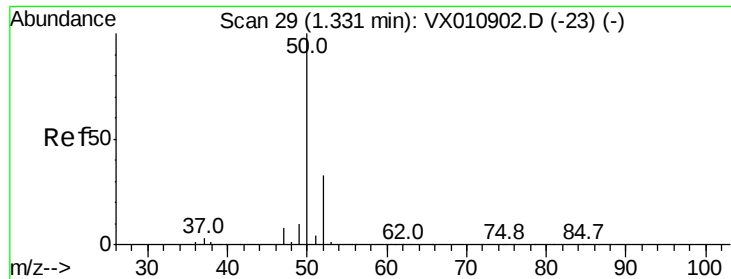
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.239 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

Tot Ion: 50 Resp: 31641

Ion Ratio Lower Upper

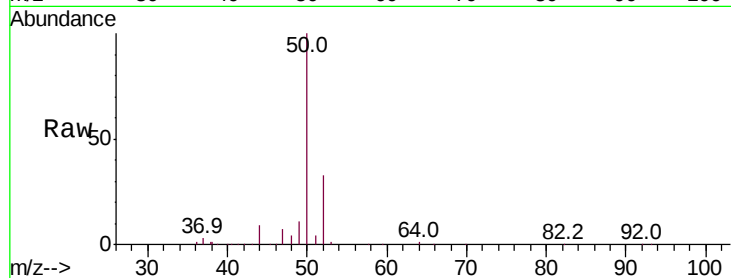
50 100

52 33.5 26.4 39.6

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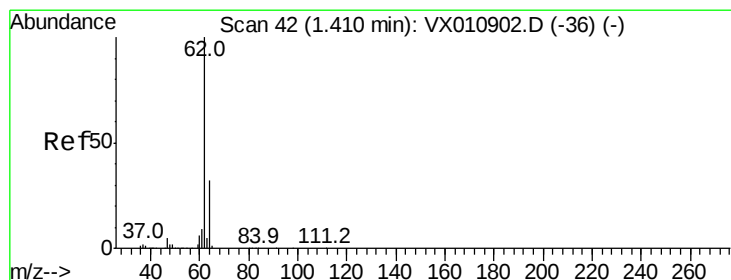
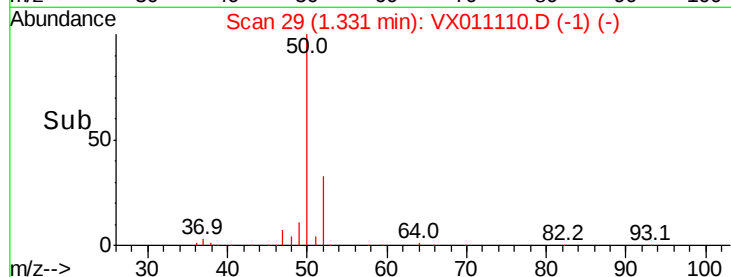
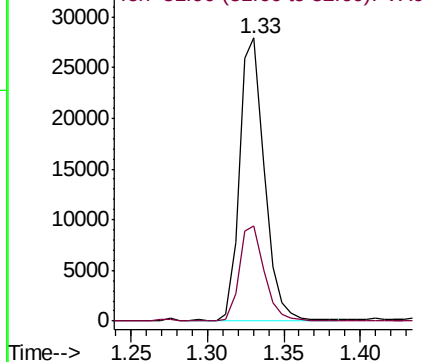
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.587 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011110.D

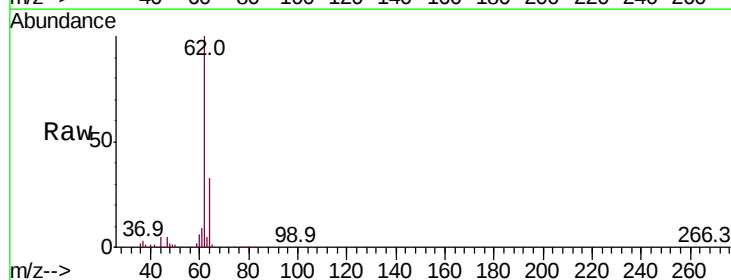
Acq: 26 Jul 2019 23:59

Tgt Ion: 62 Resp: 32857

Ion Ratio Lower Upper

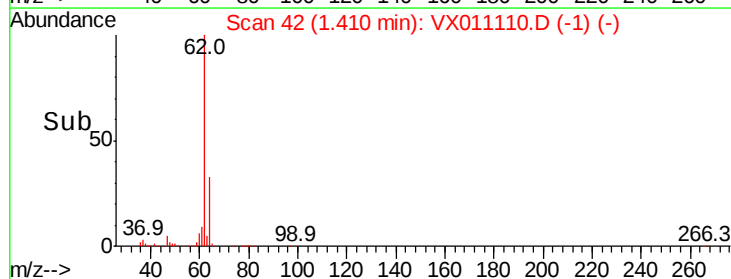
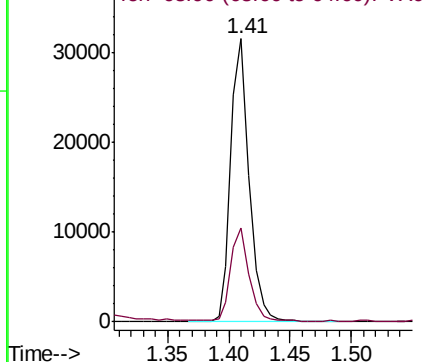
62 100

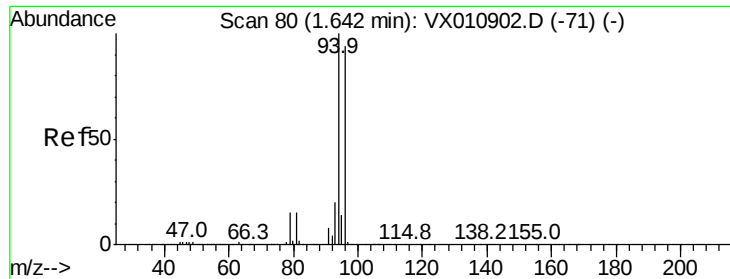
64 32.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.297 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

Tot Ion: 94 Resp: 21077

Ion Ratio Lower Upper

94 100

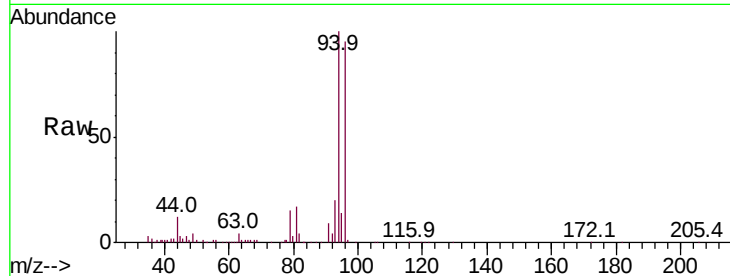
96 94.6 75.6 113.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

20000

15000

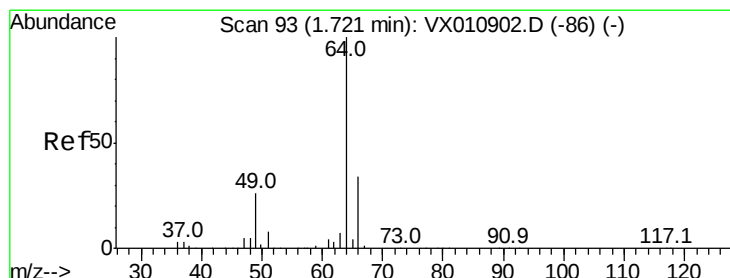
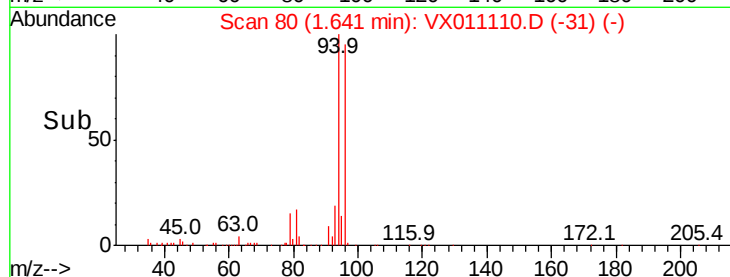
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5000

0

1.55 1.60 1.65 1.70 1.75

Time-->



#6

Chloroethane

Concen: 20.978 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011110.D

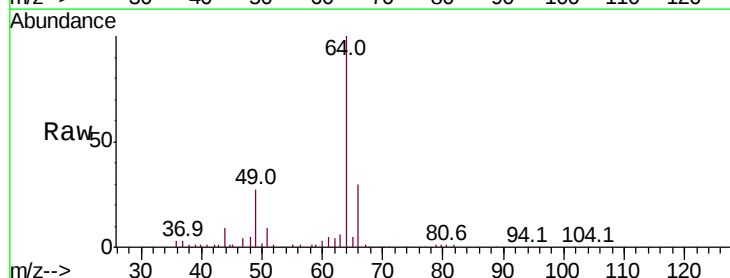
Acq: 26 Jul 2019 23:59

Tgt Ion: 64 Resp: 22363

Ion Ratio Lower Upper

64 100

66 30.2 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

15000

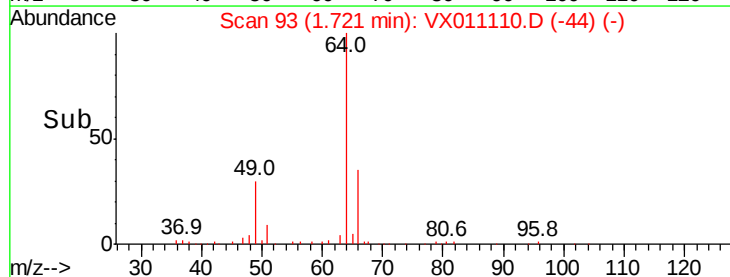
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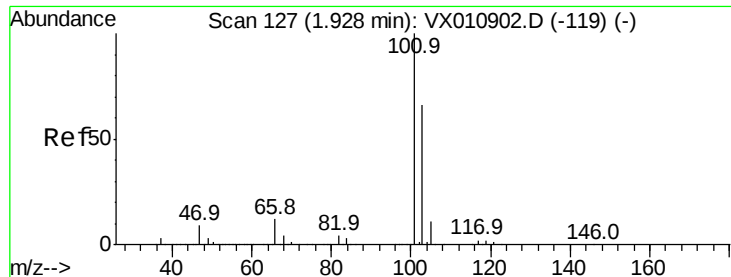
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1.65 1.70 1.75 1.80 1.85

Time-->





#7

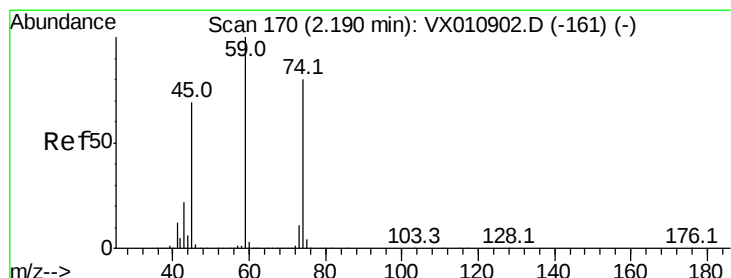
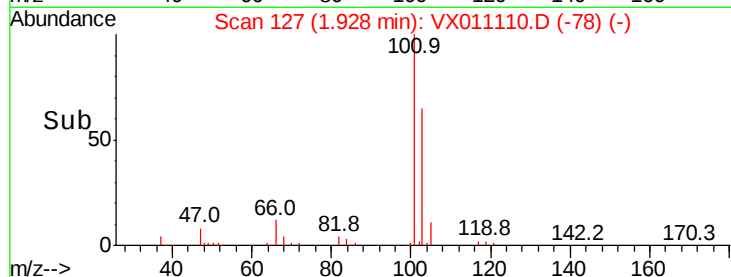
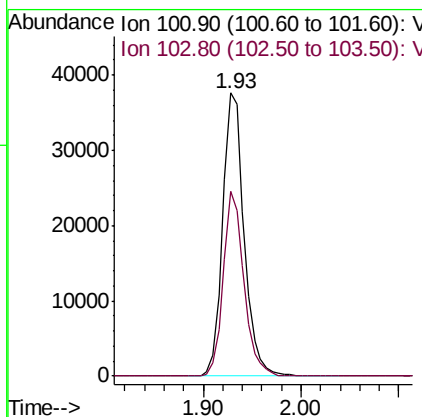
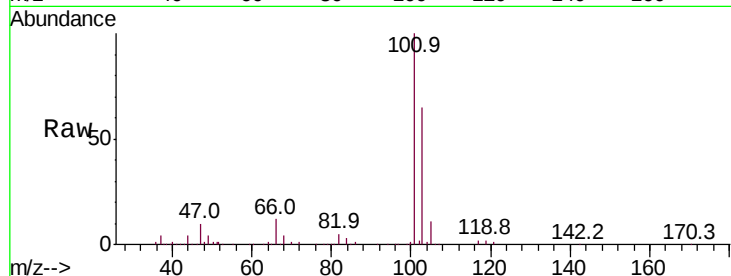
Trichlorofluoromethane
Concen: 20.134 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.6	78.8

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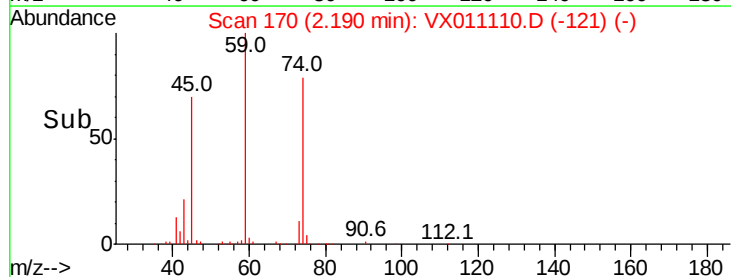
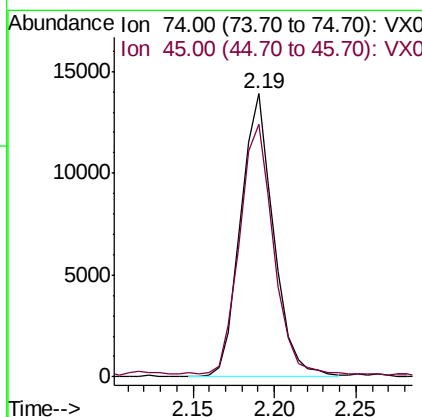
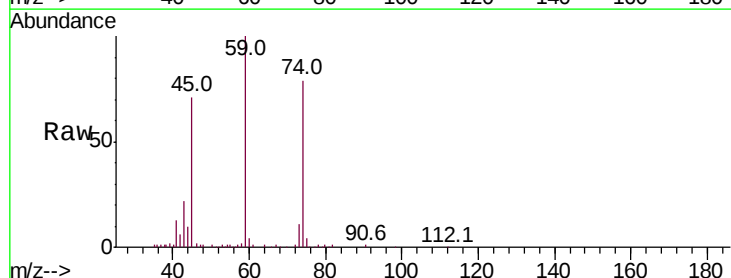
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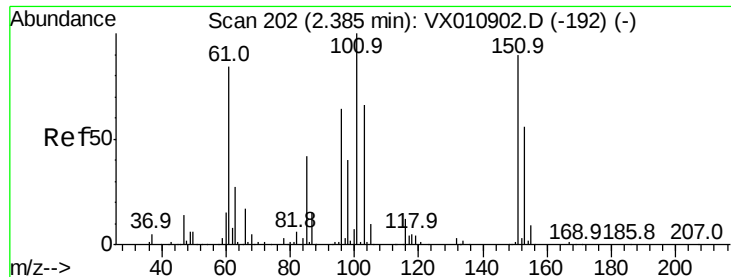


#8

Diethyl Ether
Concen: 20.036 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.4	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.247 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

Tot Ion:101 Resp: 31205

Ion Ratio Lower Upper

101 100

85 43.5 34.6 52.0

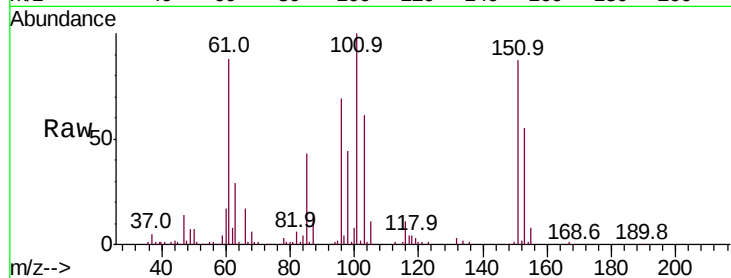
151 82.1 69.6 104.4

Manual Integrations

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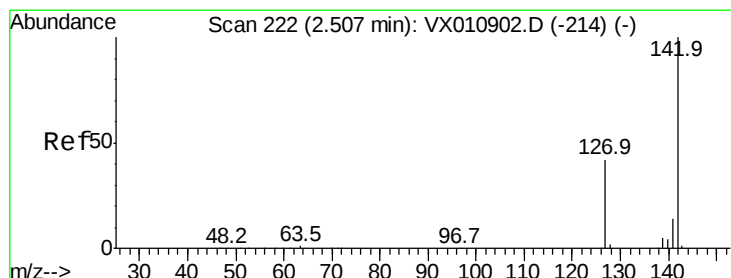
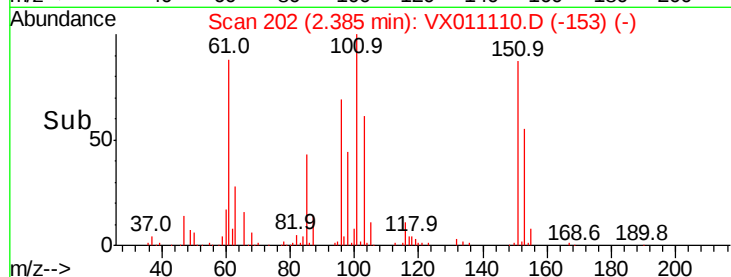
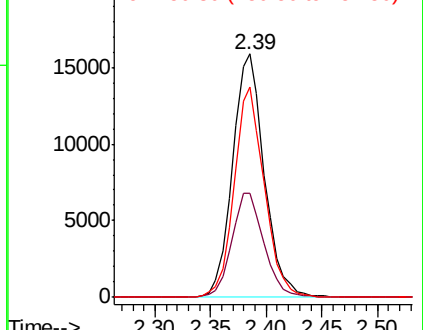
7/29/2019 11:52:58 AM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.601 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

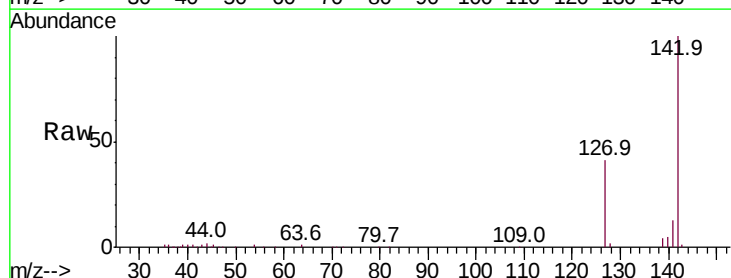
Tgt Ion:142 Resp: 33193

Ion Ratio Lower Upper

142 100

127 42.7 34.2 51.4

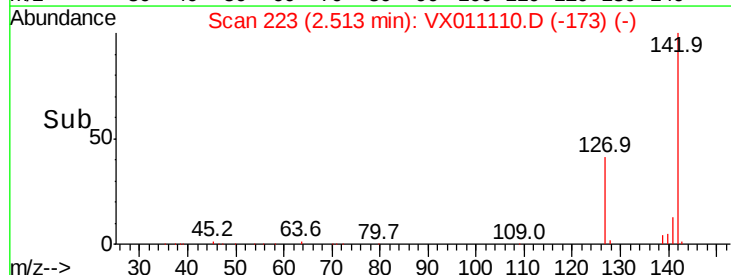
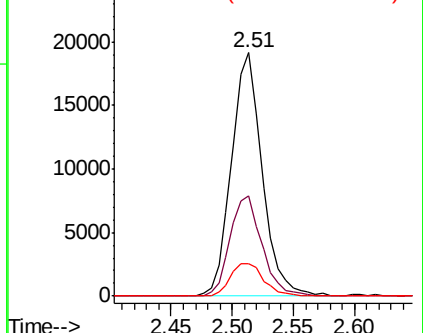
141 14.5 11.7 17.5

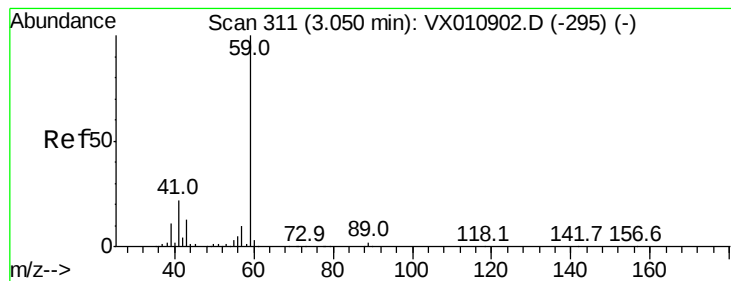


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

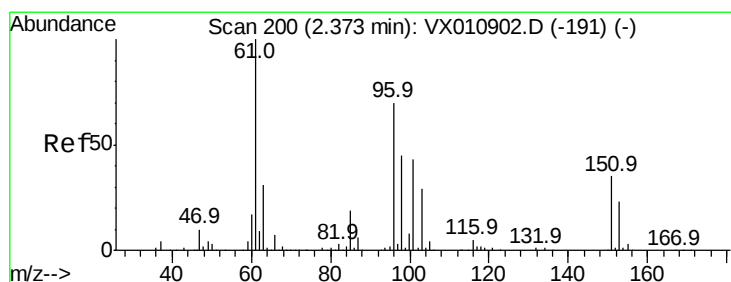
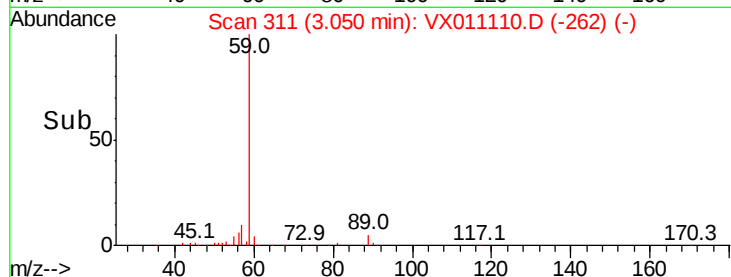
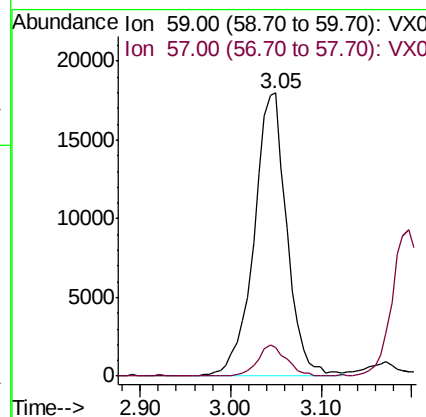
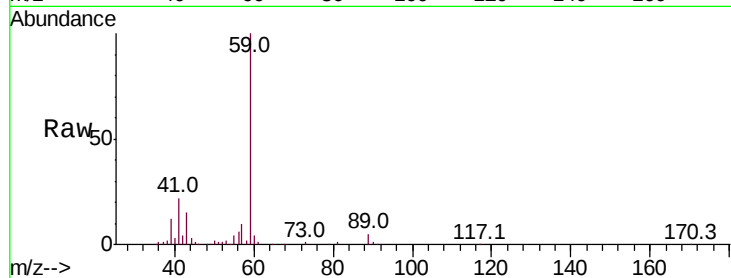
Tert butyl alcohol
 Concen: 101.925 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX011110.D
 Acq: 26 Jul 2019 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.9	11.9

Manual Integrations
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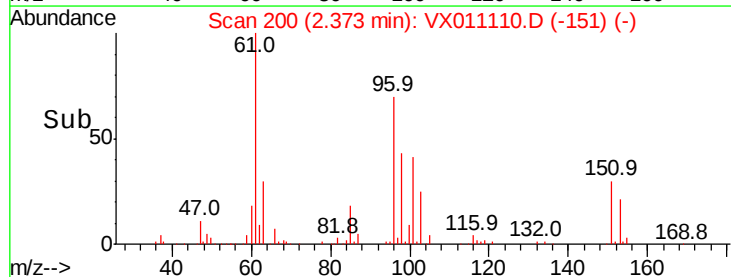
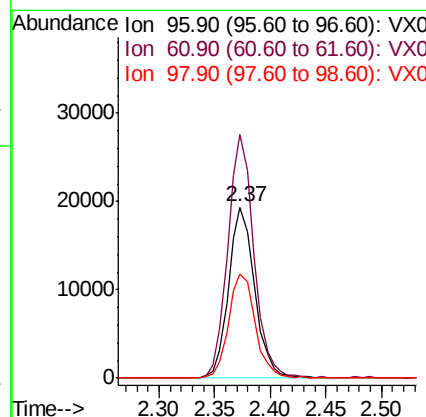
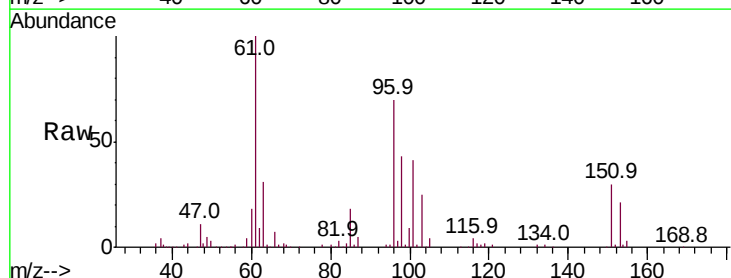
MMDadoda
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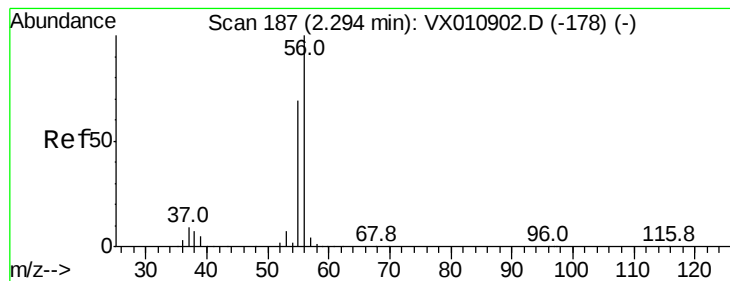


#12

1,1-Dichloroethene
 Concen: 19.699 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX011110.D
 Acq: 26 Jul 2019 23:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.2	115.0	172.4
98	60.6	52.2	78.2





#13

Acrolein

Concen: 63.507 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

Tot Ion: 56 Resp: 16258

Ion Ratio Lower Upper

56 100

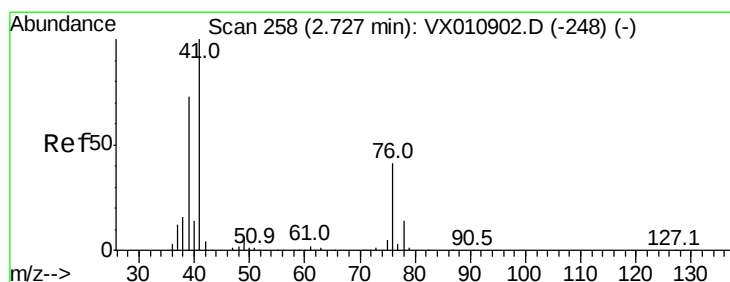
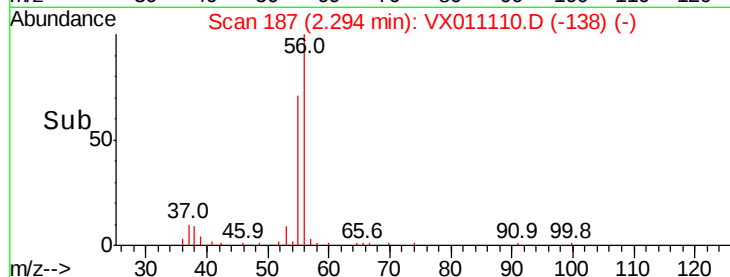
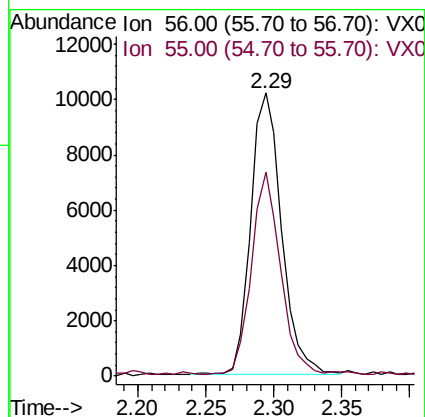
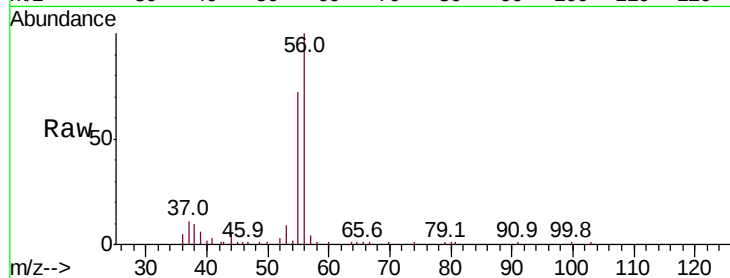
55 67.6 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 18.948 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

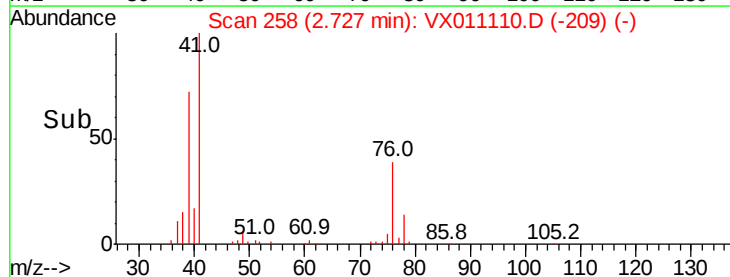
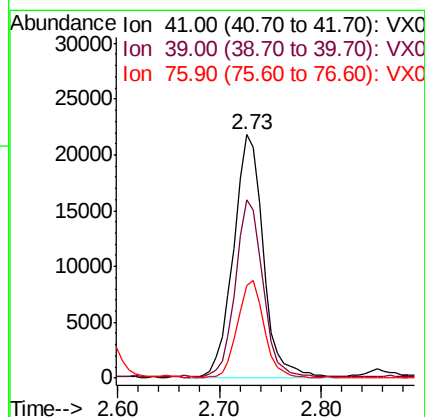
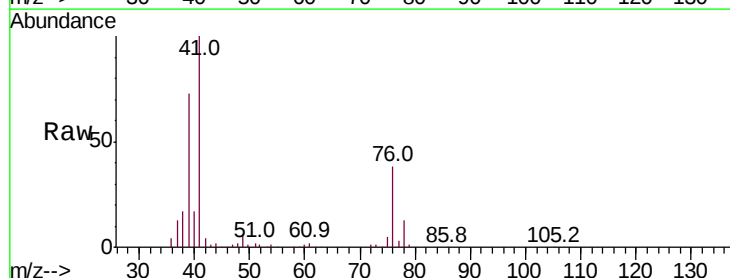
Tgt Ion: 41 Resp: 43843

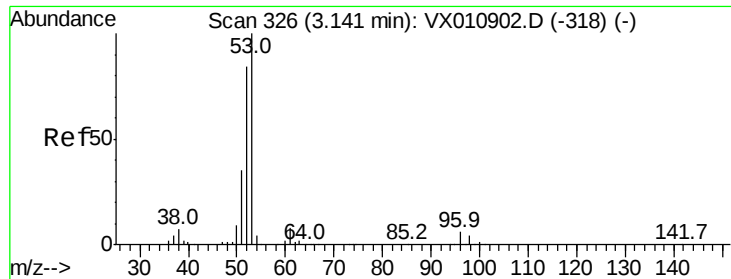
Ion Ratio Lower Upper

41 100

39 67.5 53.6 80.4

76 36.4 29.7 44.5





#15

Acrylonitrile

Concen: 102.087 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

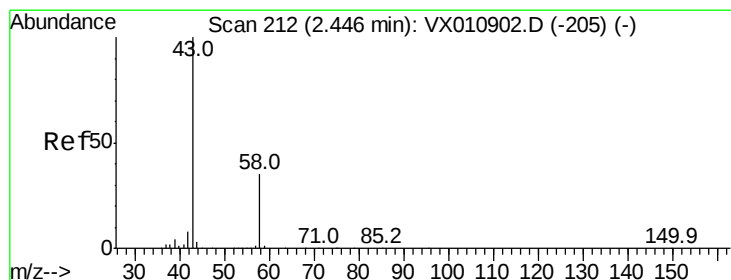
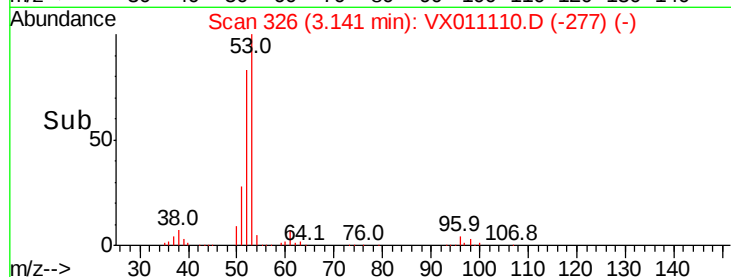
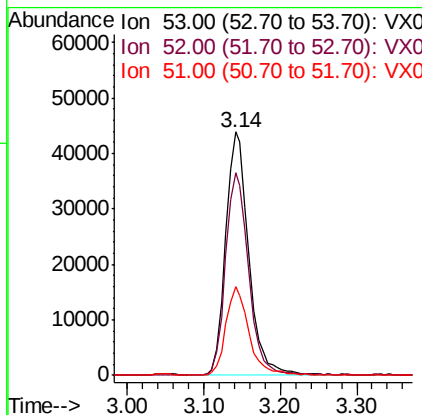
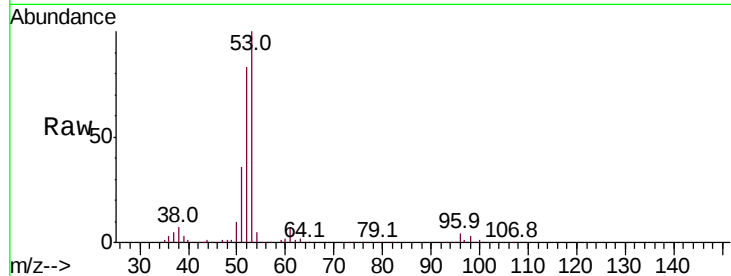
ClientSampleId :

VX0726WBS02

Tot Ion:	53	Resp:	91403
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.5	99.7
51	35.9	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 88.024 ug/l

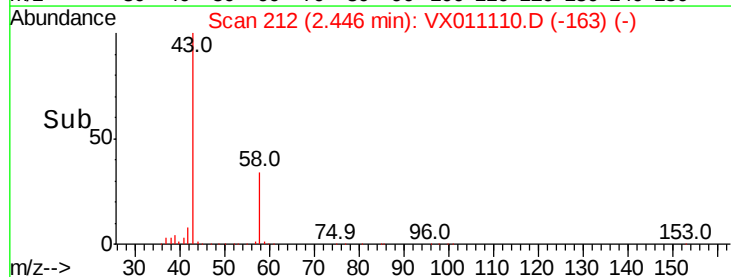
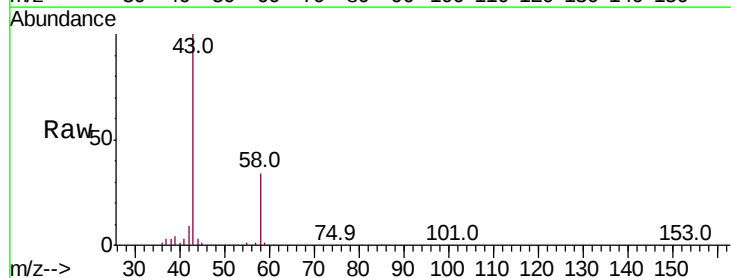
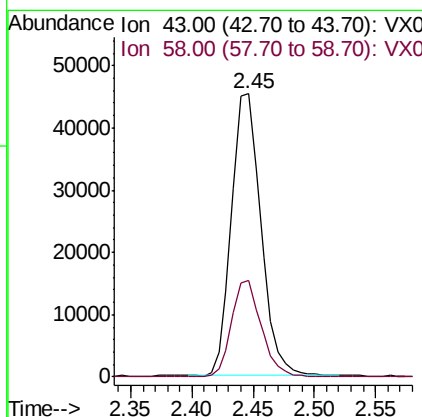
RT: 2.45 min Scan# 212

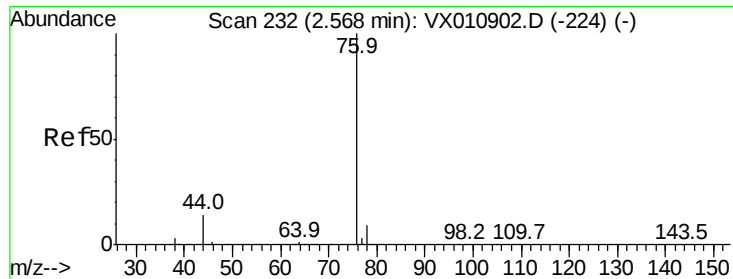
Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Tgt Ion:	43	Resp:	75638
Ion Ratio	Lower	Upper	
43	100		
58	34.2	27.7	41.5





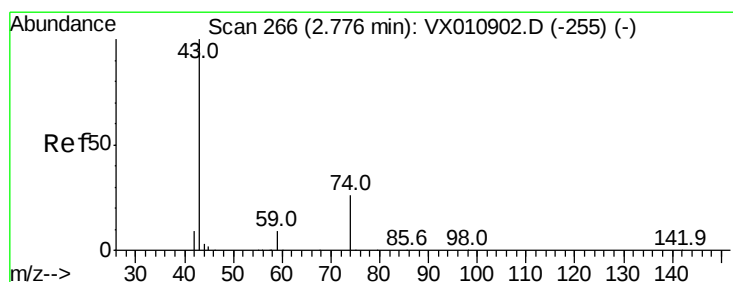
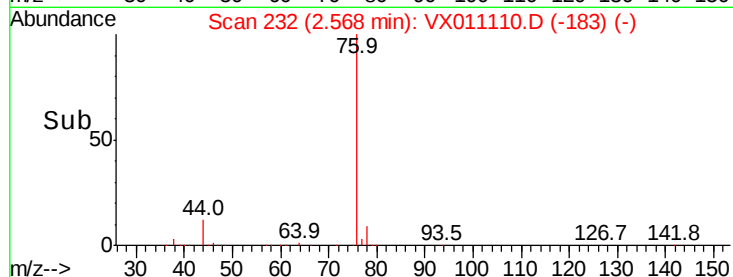
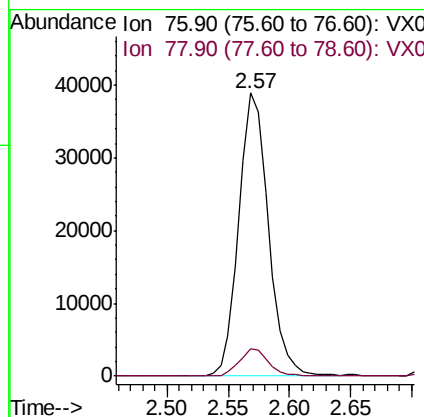
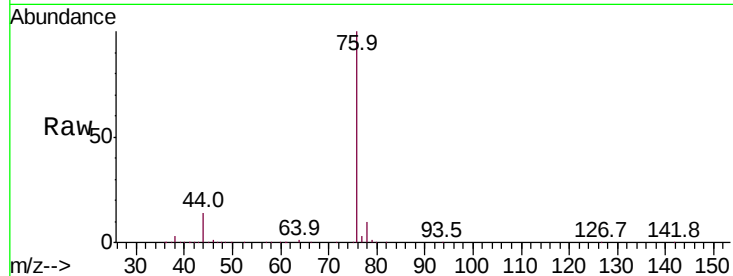
#17
Carbon Disulfide
Concen: 15.961 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion: 76 Resp: 65220
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

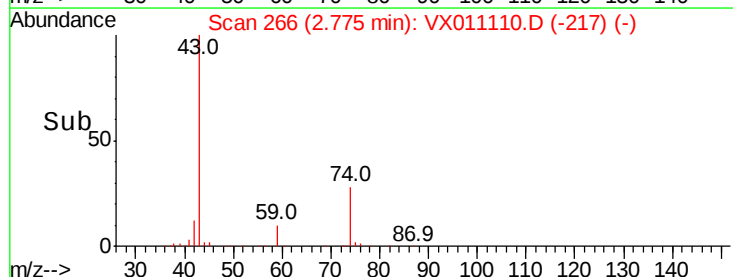
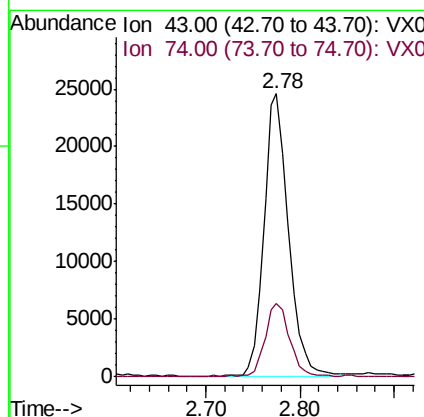
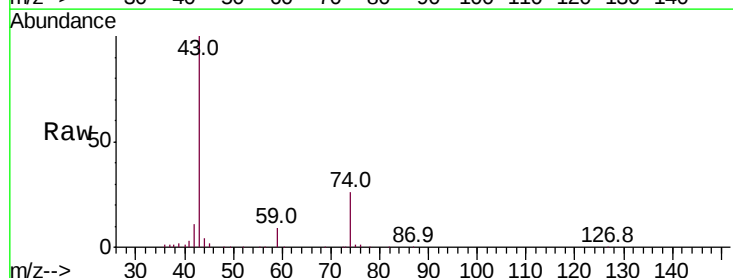
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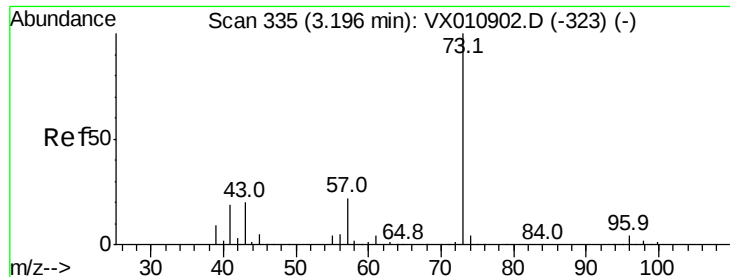
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#18
Methyl Acetate
Concen: 23.153 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Tgt Ion: 43 Resp: 45302
Ion Ratio Lower Upper
43 100
74 26.4 21.5 32.3





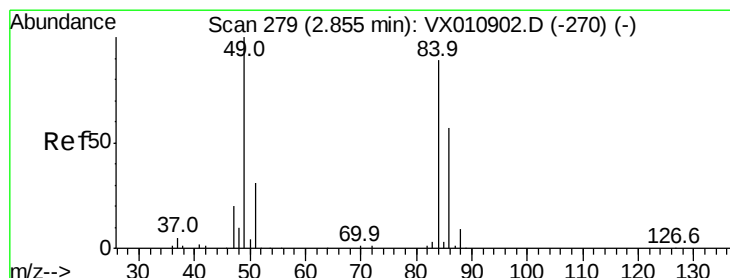
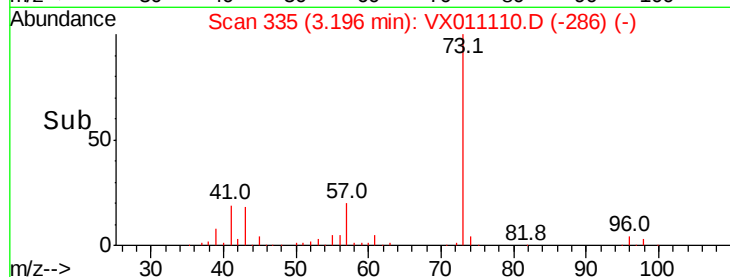
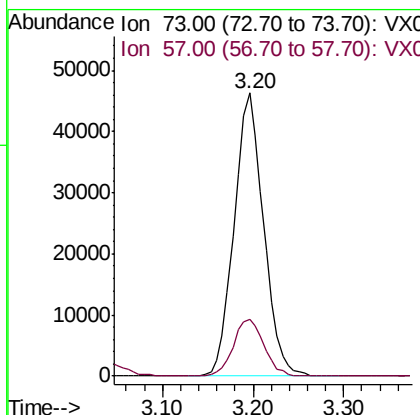
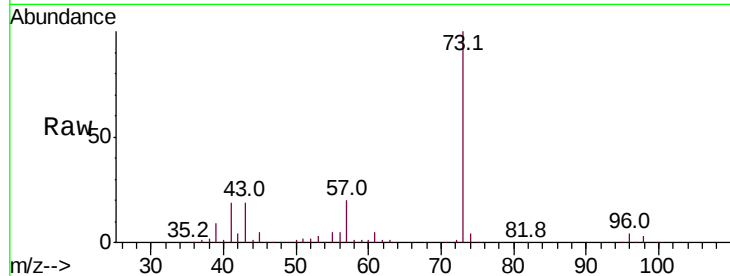
#19
Methvl tert-butvl Ether
Concen: 20.355 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion: 73 Resp: 104379
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9

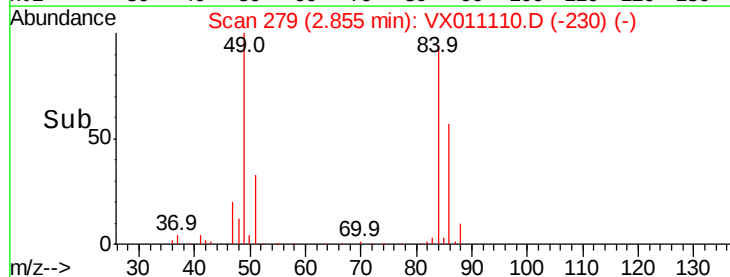
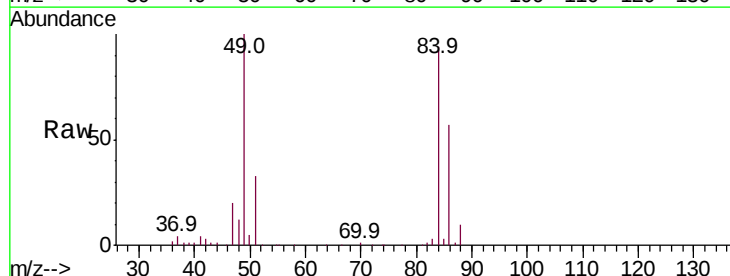
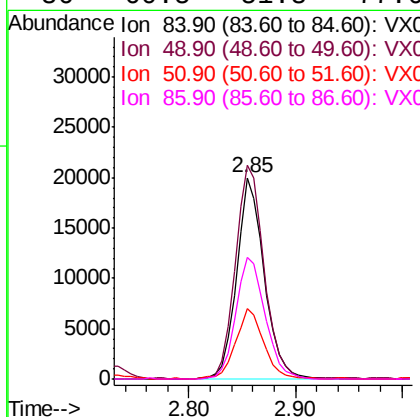
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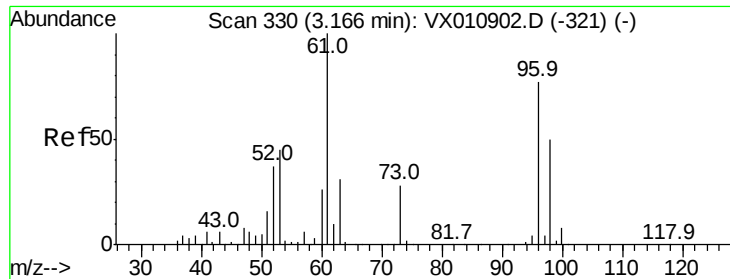
MMDadoda
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#20
Methylene Chloride
Concen: 19.966 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Tgt Ion: 84 Resp: 36358
Ion Ratio Lower Upper
84 100
49 105.9 89.9 134.9
51 34.8 27.8 41.6
86 60.5 51.8 77.6





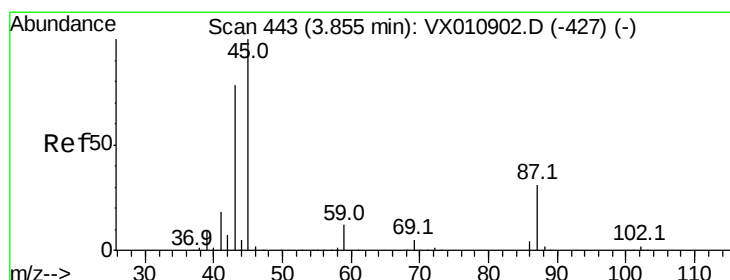
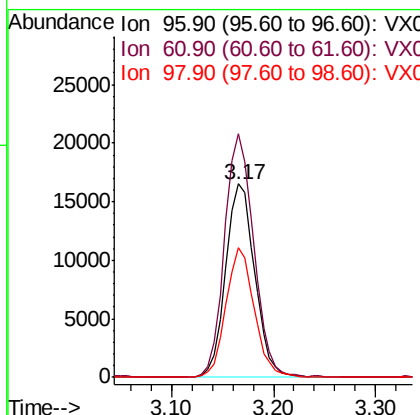
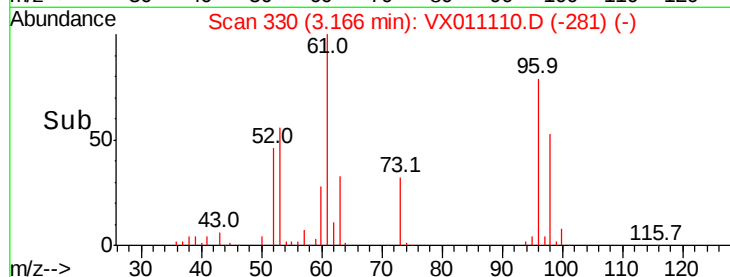
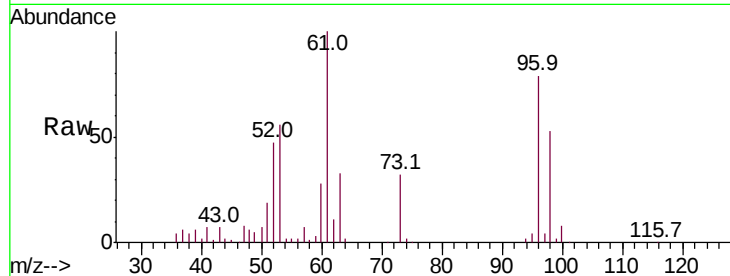
#21
trans-1,2-Dichloroethene
Concen: 19.272 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.9	104.2	156.2
98	67.0	52.2	78.4

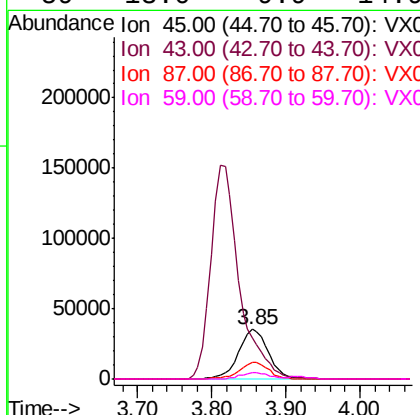
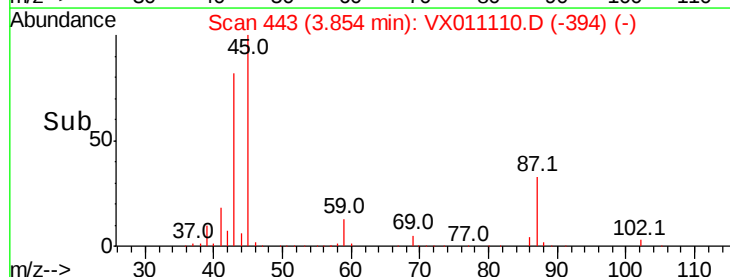
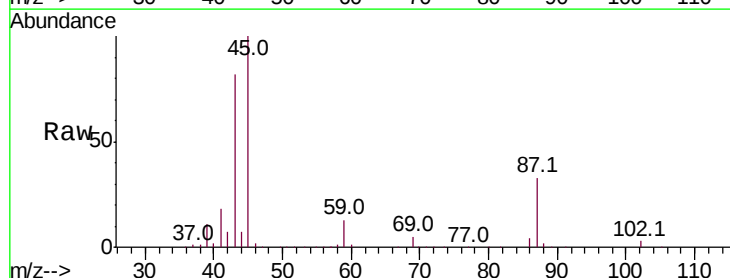
Manual Integrations
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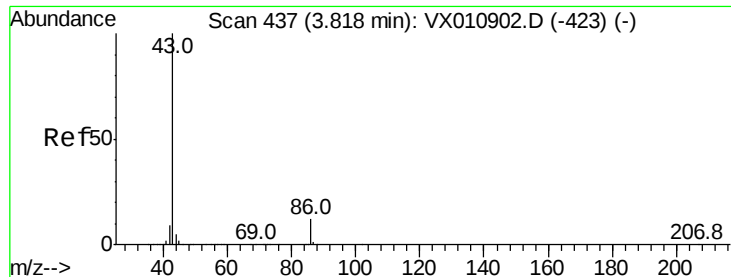
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#22
Diisopropyl ether
Concen: 20.480 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Tgt Ion	Ratio	Lower	Upper
45	100		
43	81.5	62.3	93.5
87	32.5	25.0	37.4
59	13.0	9.9	14.9





#23

Vinyl Acetate

Concen: 97.934 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

Tot Ion: 43 Resp: 404938

Ion Ratio Lower Upper

43 100

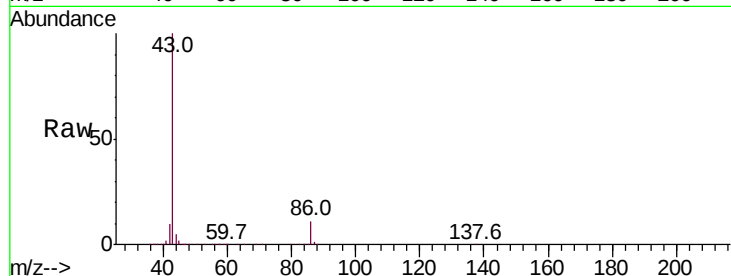
86 11.4 9.4 14.0

Manual Integrations

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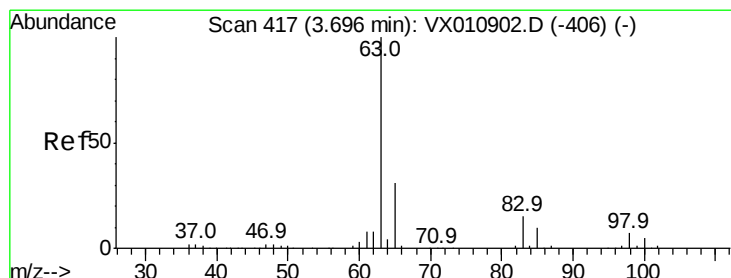
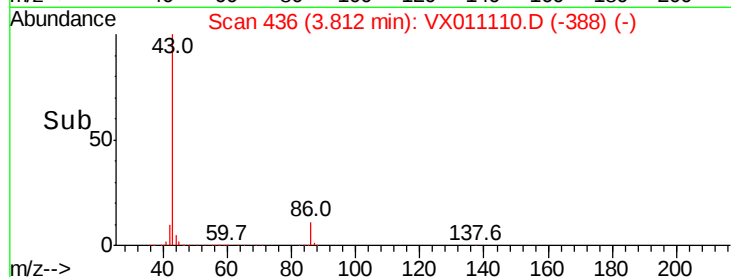
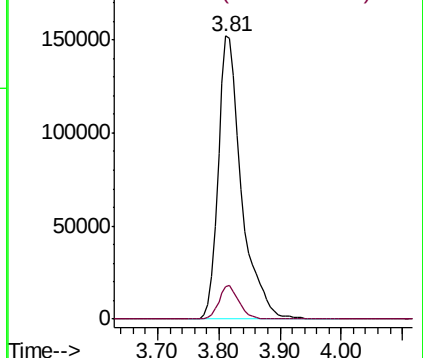
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.070 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

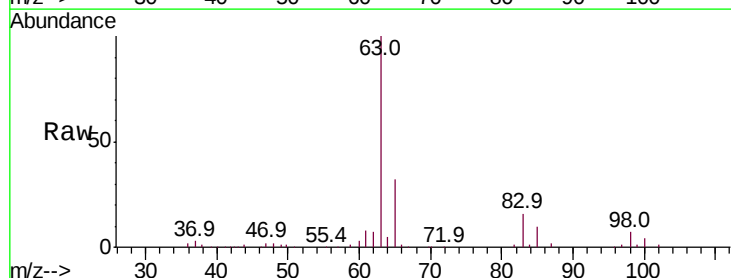
Tgt Ion: 63 Resp: 56880

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

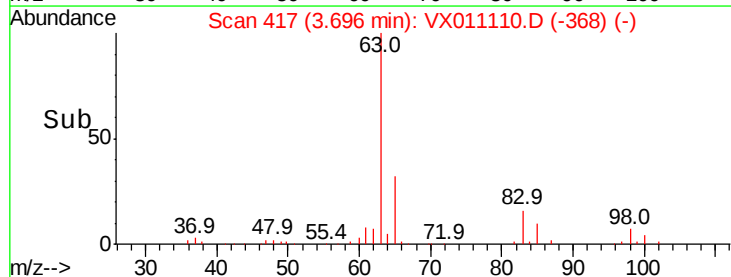
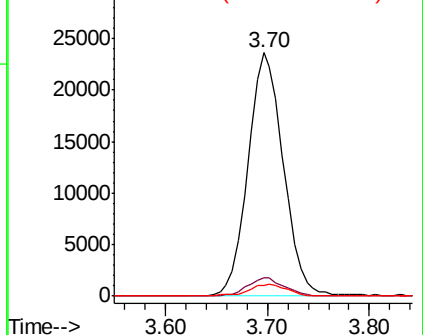
100 4.4 2.4 7.2

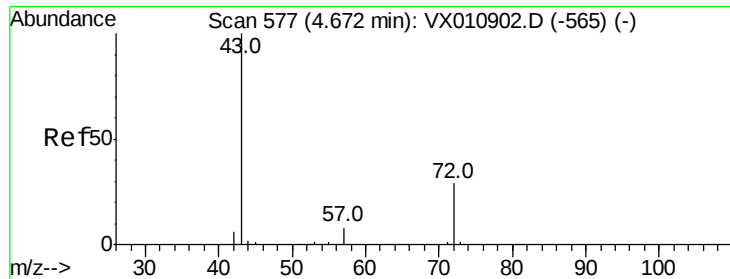


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.227 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

Tot Ion: 43 Resp: 124863

Ion Ratio Lower Upper

43 100

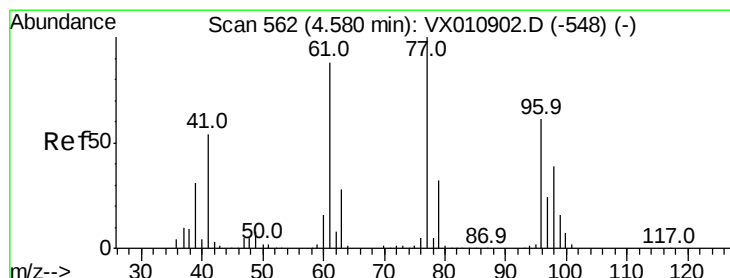
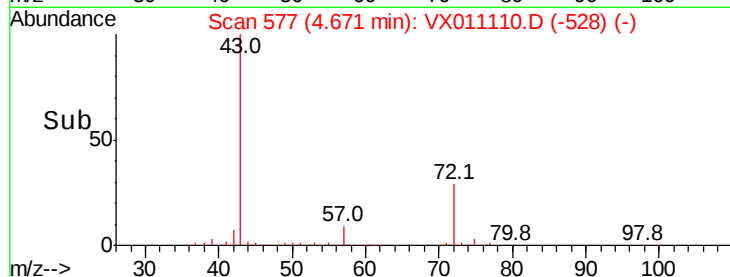
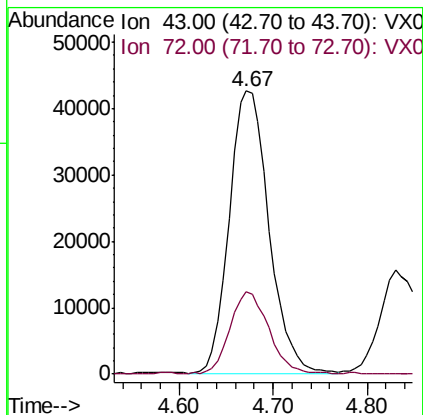
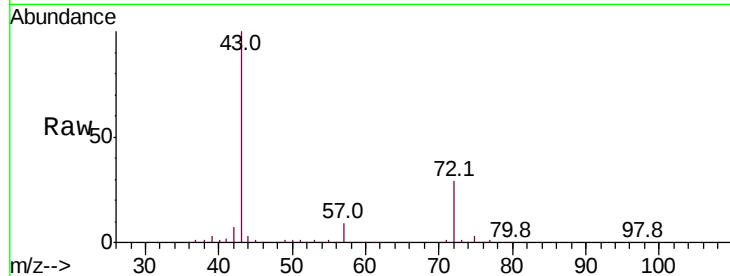
72 29.0 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 14.493 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011110.D

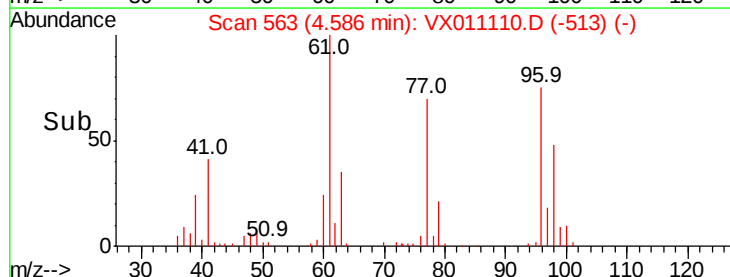
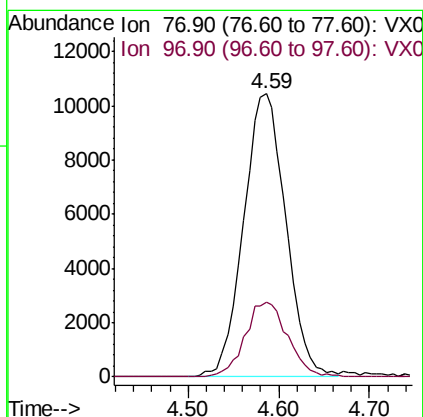
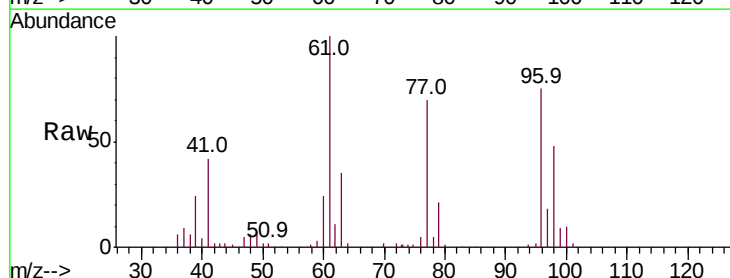
Acq: 26 Jul 2019 23:59

Tgt Ion: 77 Resp: 33726

Ion Ratio Lower Upper

77 100

97 26.6 12.6 37.6





#27

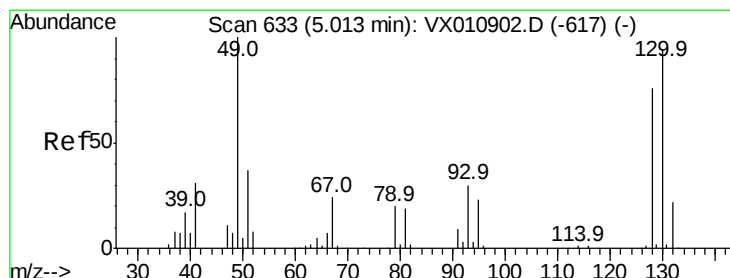
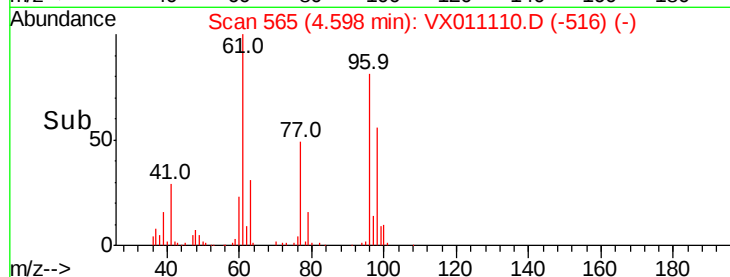
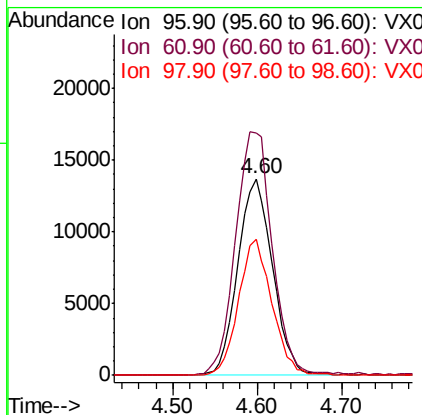
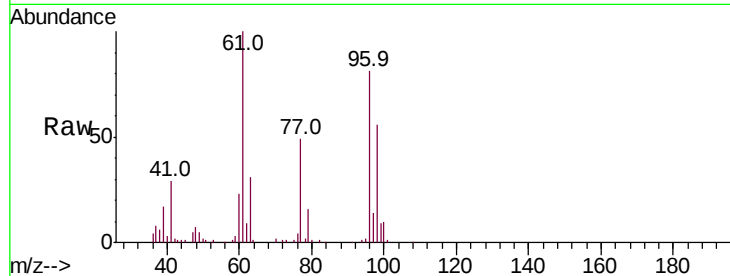
cis-1,2-Dichloroethene
 Concen: 19.591 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011110.D
 Acq: 26 Jul 2019 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.5	0.0	269.0
98	66.5	0.0	131.4

Manual Integrations
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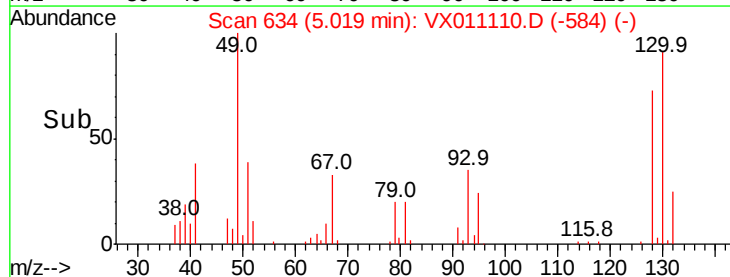
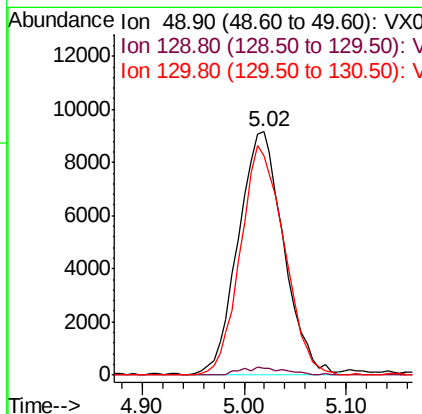
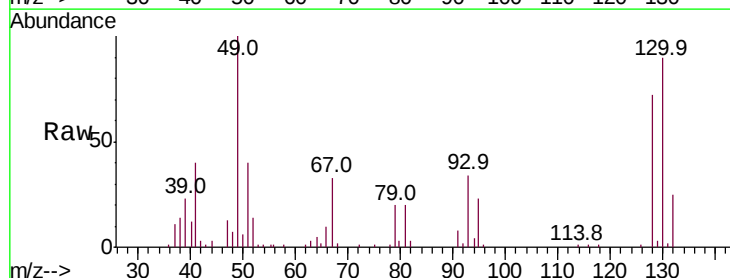
MMDadoda
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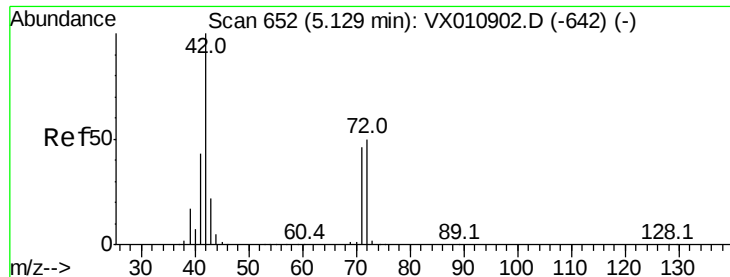


#28

Bromochloromethane
 Concen: 21.236 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX011110.D
 Acq: 26 Jul 2019 23:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.2
130	90.5	76.9	115.3





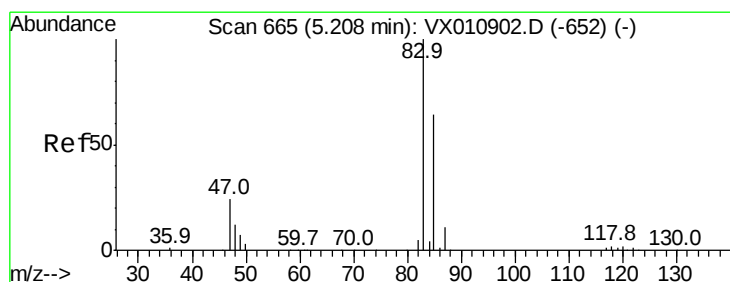
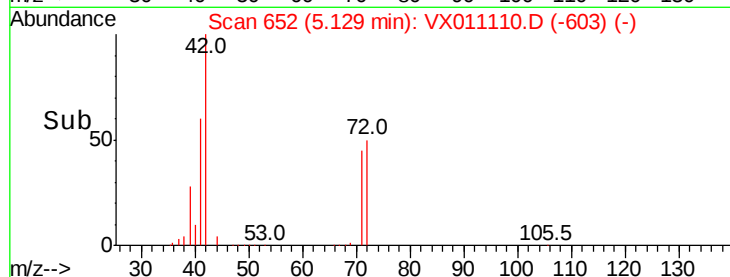
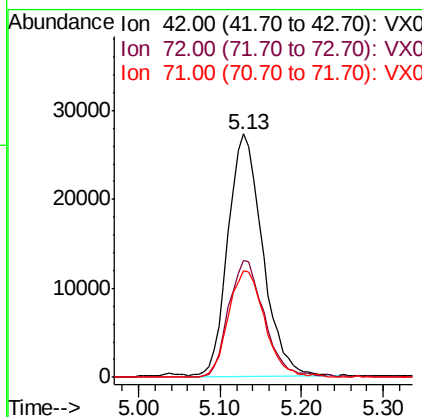
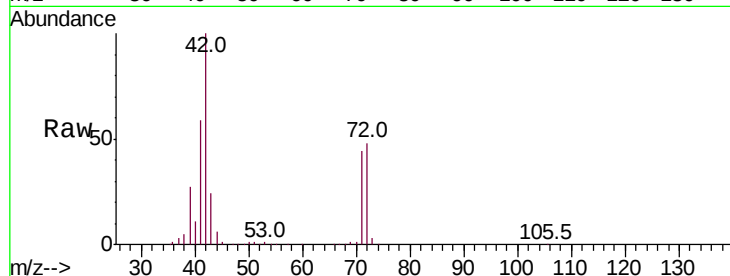
#29
Tetrahydrofuran
Concen: 102.643 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.5	39.8	59.8
71	46.2	37.0	55.4

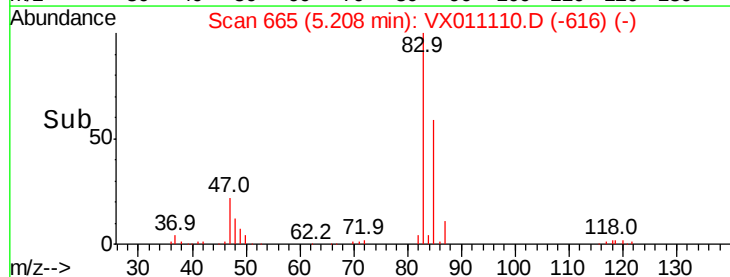
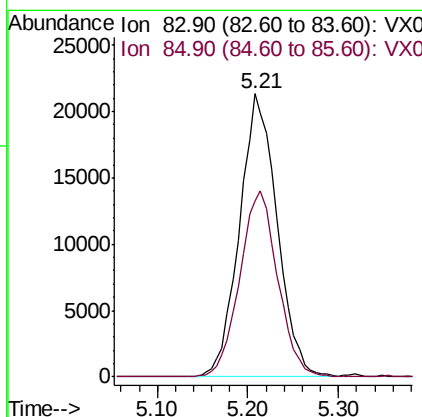
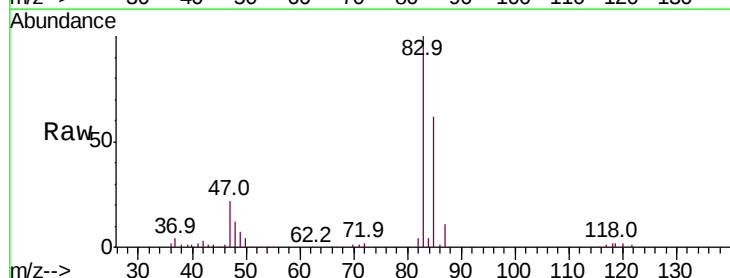
Manual Integrations
APPROVED

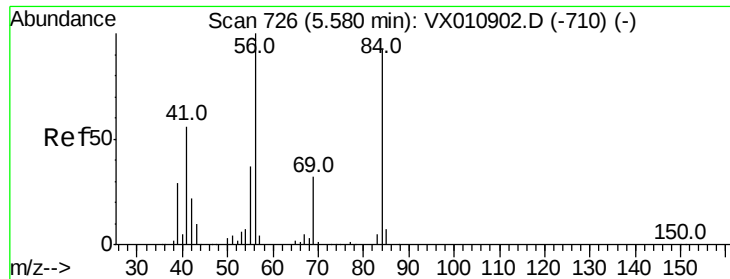
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7/29/2019 11:52:58 AM



#30
Chloroform
Concen: 20.008 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.4	77.0





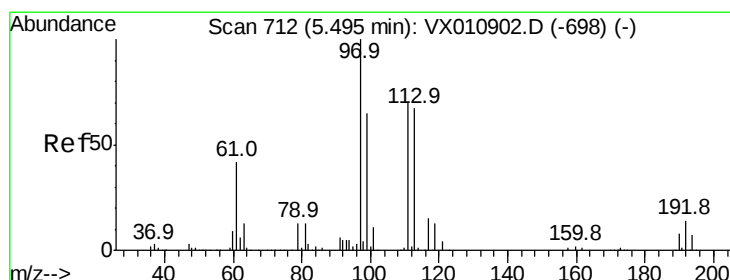
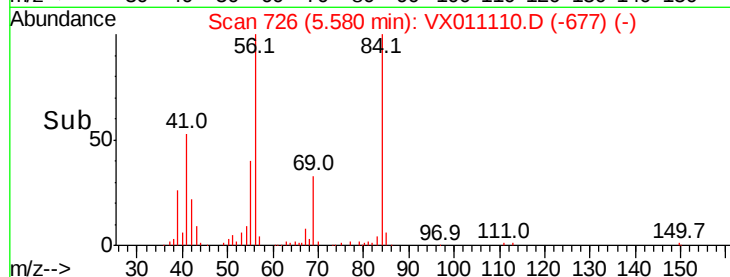
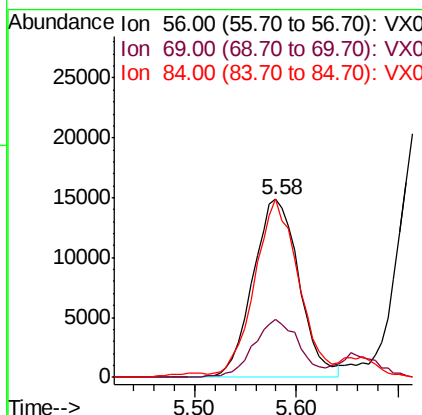
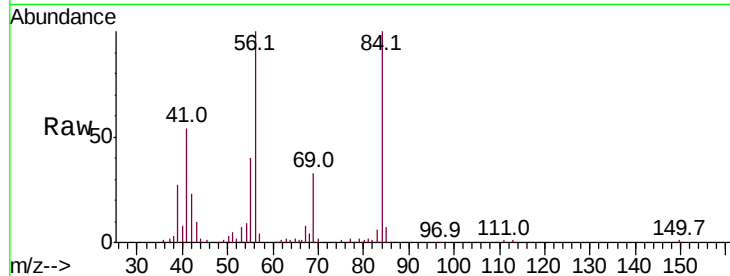
#31
Cyclohexane
Concen: 18.074 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.8	38.8
84	97.9	73.8	110.6

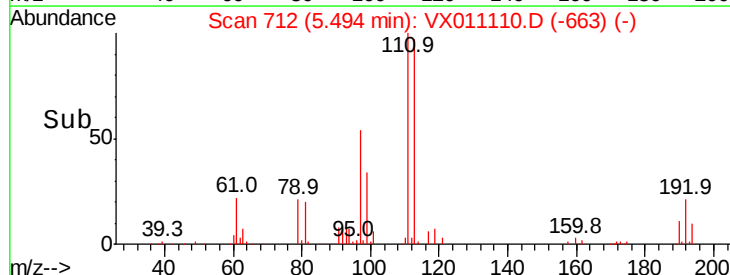
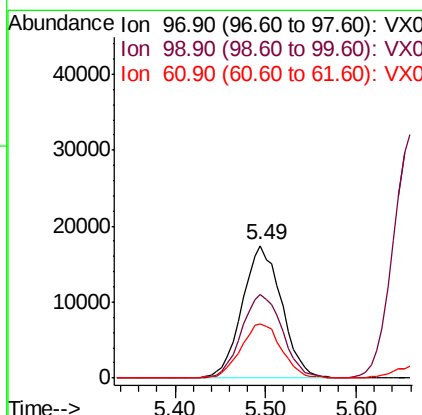
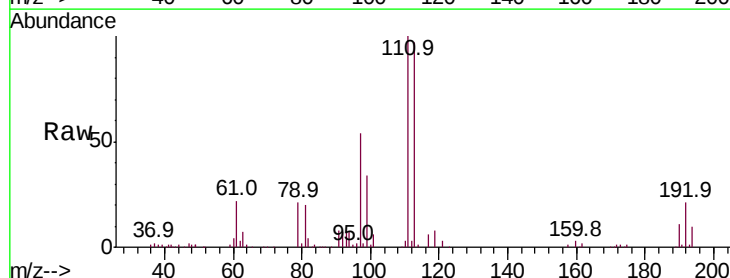
Manual Integrations
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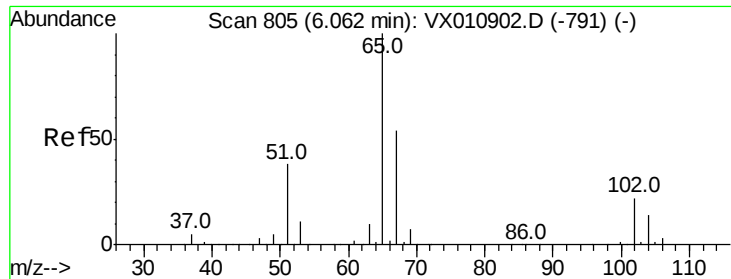
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#32
1,1,1-Trichloroethane
Concen: 19.857 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.0
61	42.0	33.0	49.6





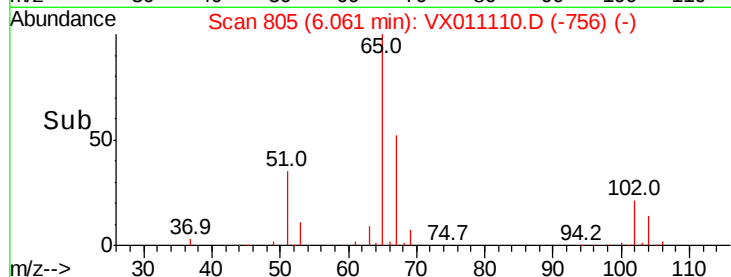
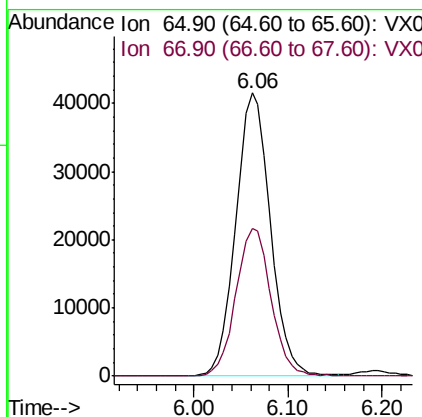
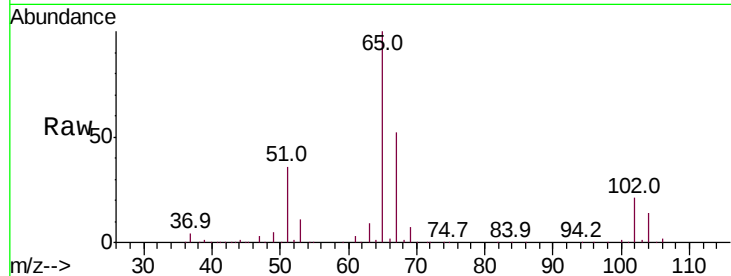
#33
 1,2-Dichloroethane-d4
 Concen: 56.087 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011110.D
 Acq: 26 Jul 2019 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	106710		
67	53.1	0.0	107.8	

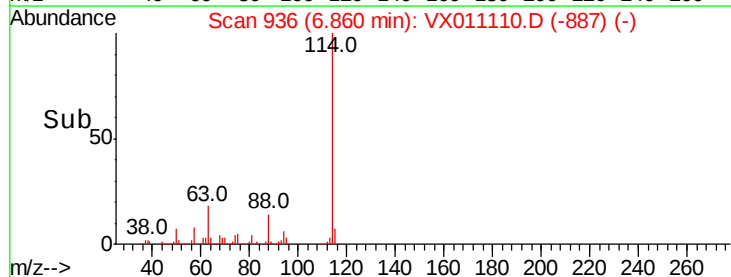
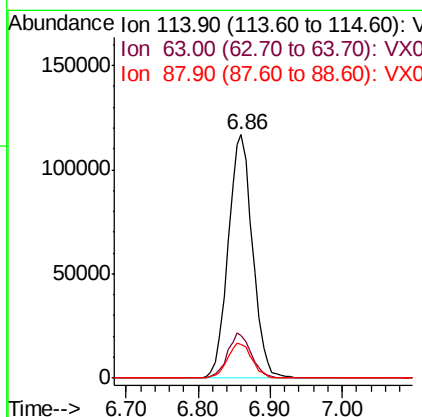
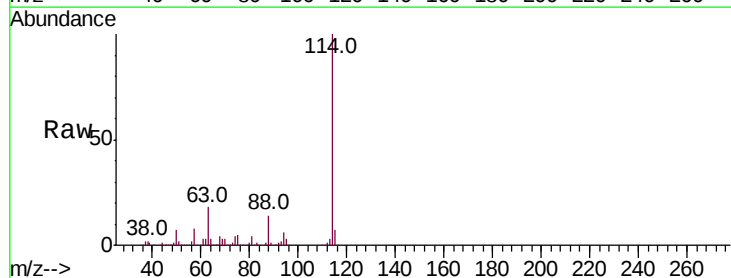
Manual Integrations
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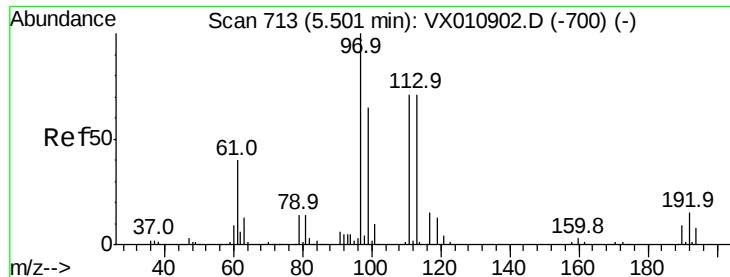
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011110.D
 Acq: 26 Jul 2019 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	274730		
63	17.5	0.0	35.6	
88	14.0	0.0	29.8	





#35

Dibromofluoromethane

Concen: 54.268 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

Tot Ion:113 Resp: 94630

Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

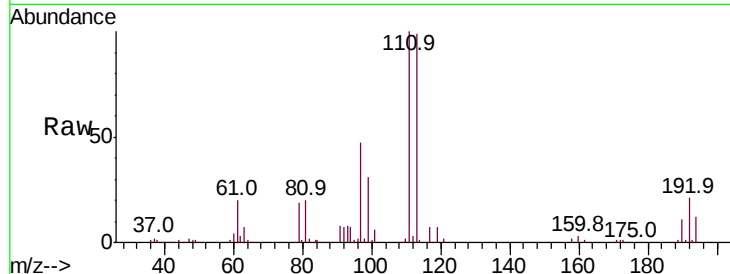
192 22.3 17.4 26.2

Manual Integrations

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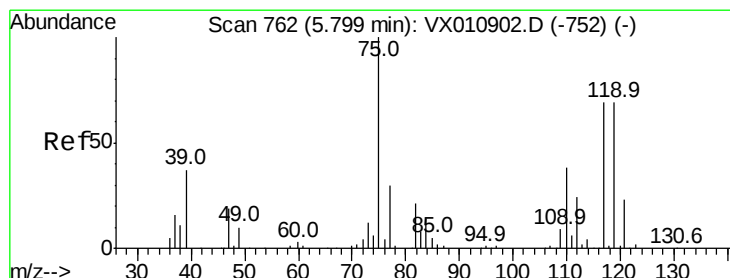
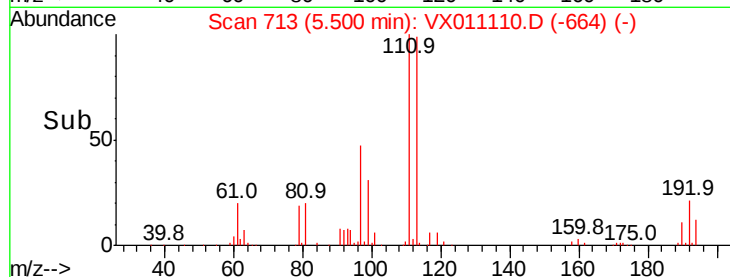
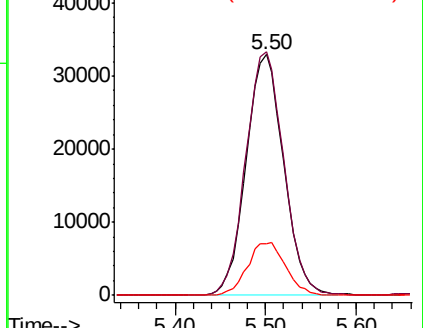
7/29/2019 11:52:58 AM



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.490 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

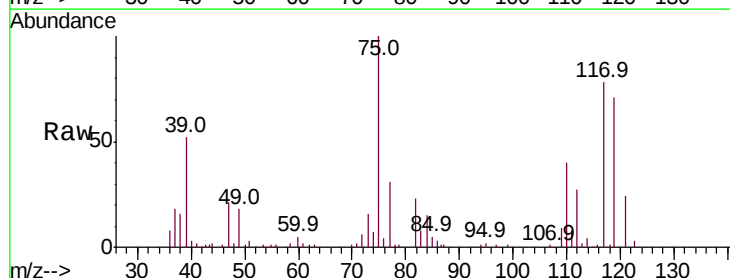
Tgt Ion: 75 Resp: 41726

Ion Ratio Lower Upper

75 100

110 40.8 19.9 59.7

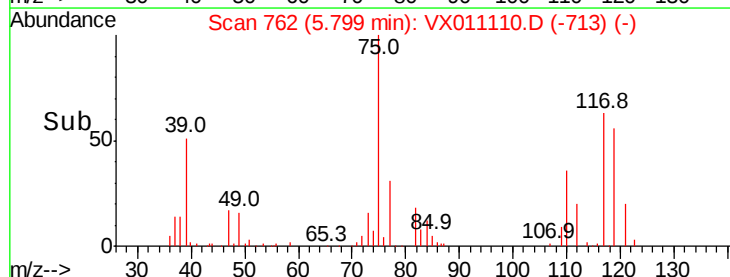
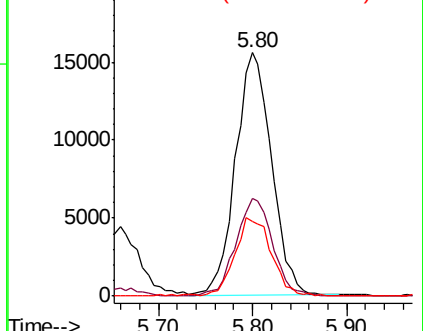
77 33.0 25.0 37.4

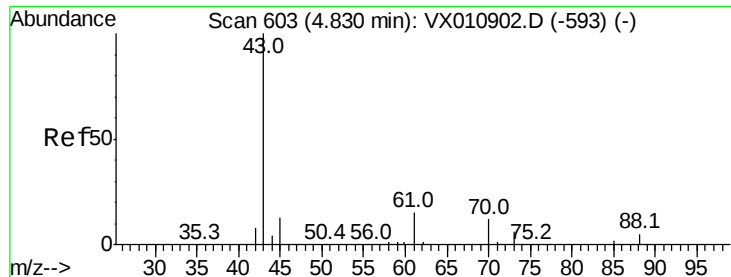


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





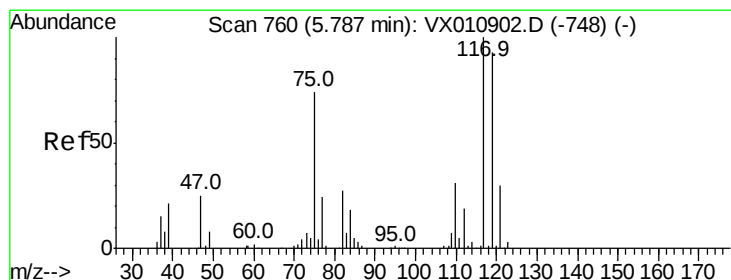
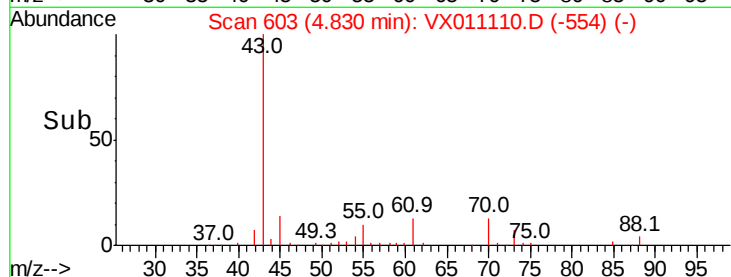
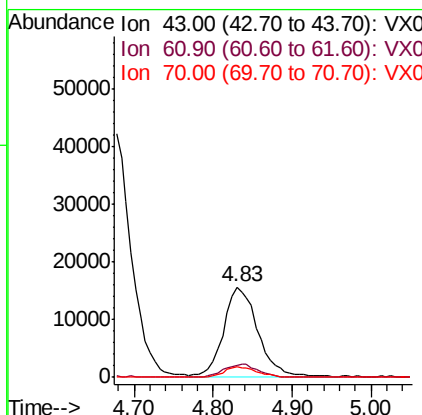
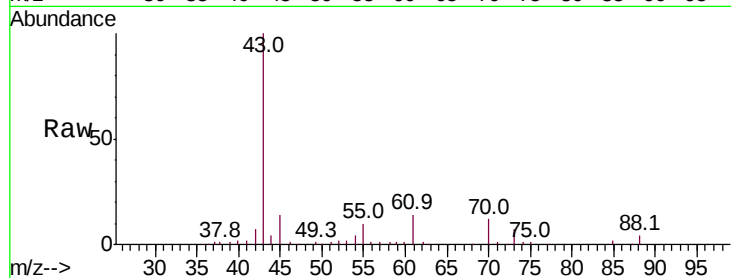
#37
Ethyl Acetate
Concen: 20.113 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.6	17.4
70	12.1	9.1	13.7

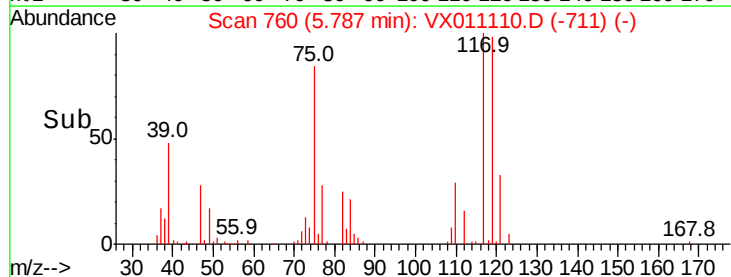
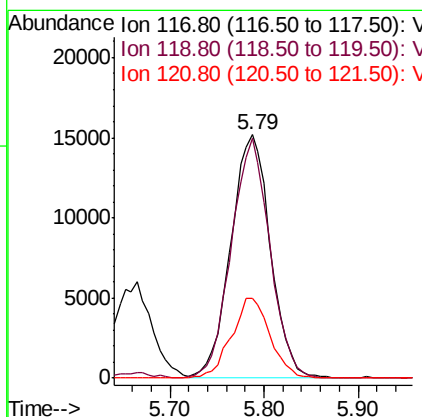
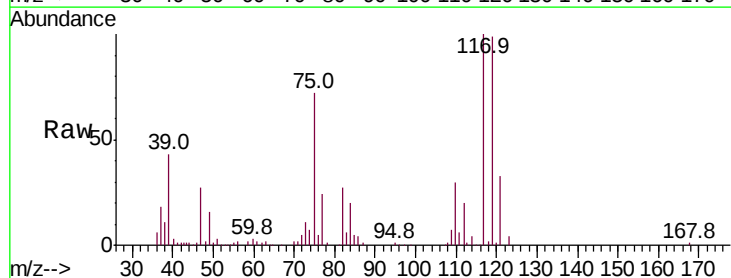
Manual Integrations
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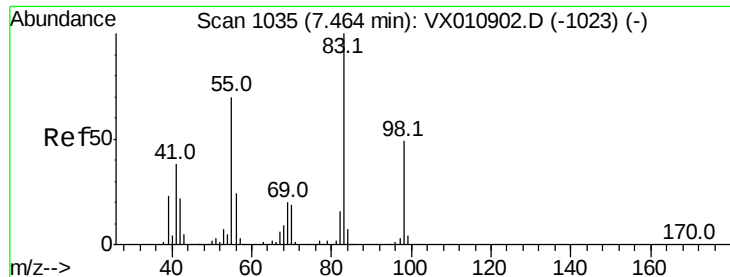
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#38
Carbon Tetrachloride
Concen: 18.968 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	74.2	111.2
121	32.9	24.2	36.2





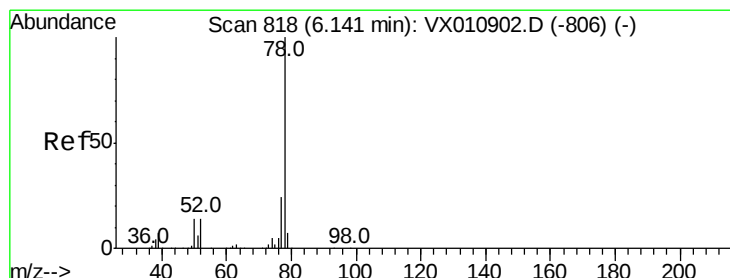
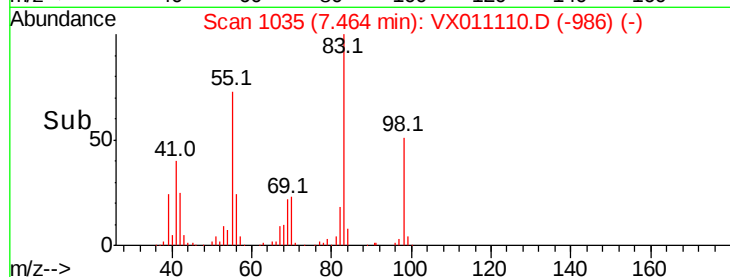
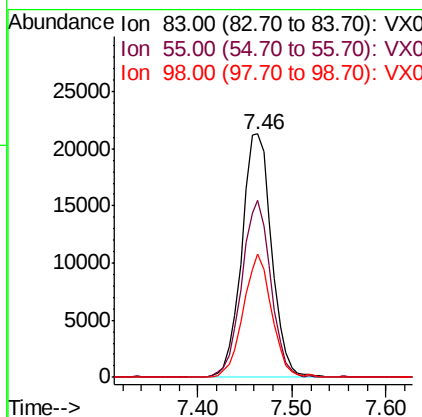
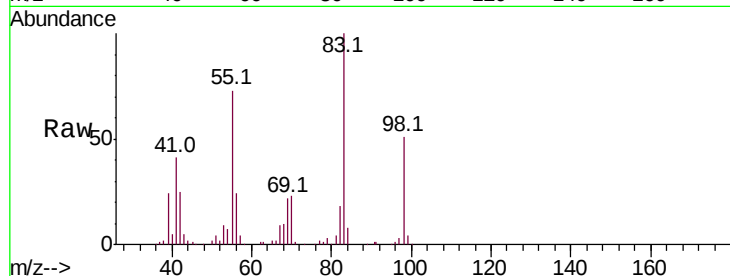
#39
Methvlcvclohexane
Concen: 16.165 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.7	56.2	84.4
98	50.7	39.0	58.4

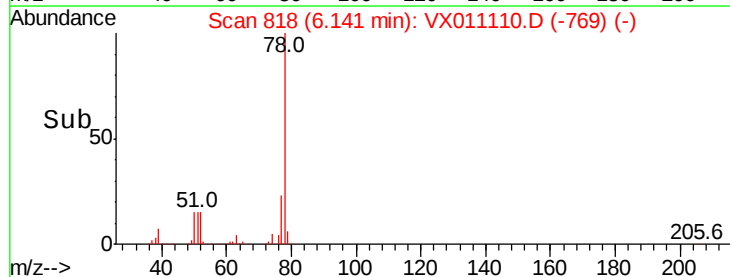
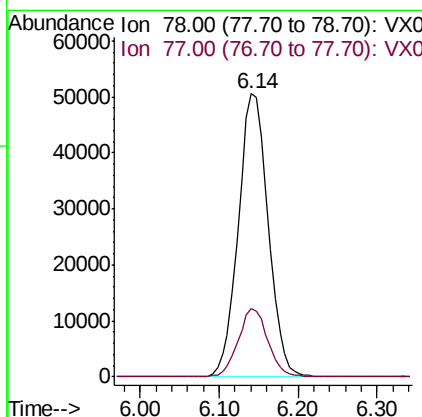
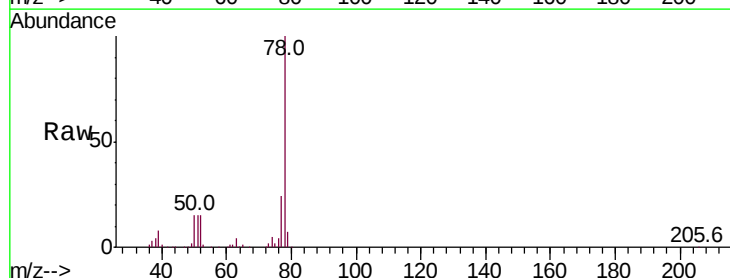
Manual Integrations
APPROVED

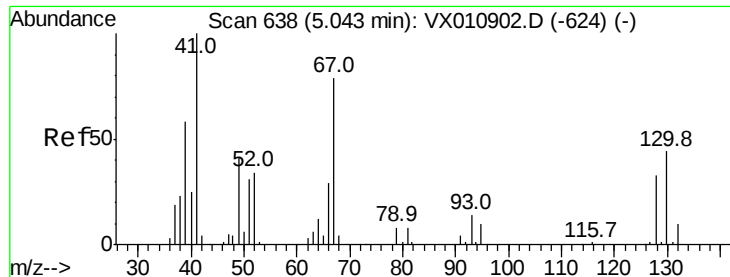
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#40
Benzene
Concen: 19.344 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.6





#41

Methacrylonitrile

Concen: 19.813 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

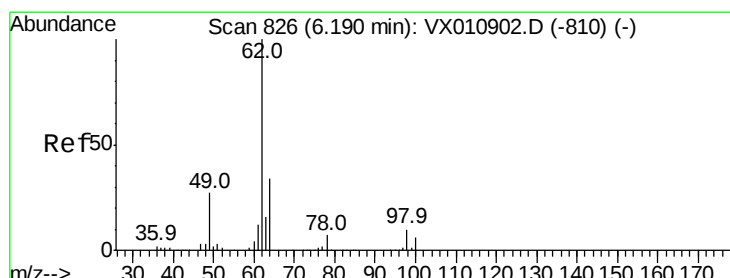
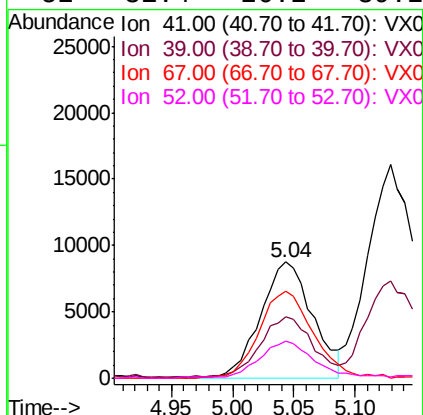
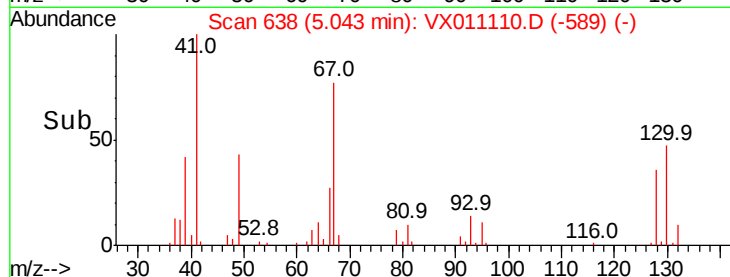
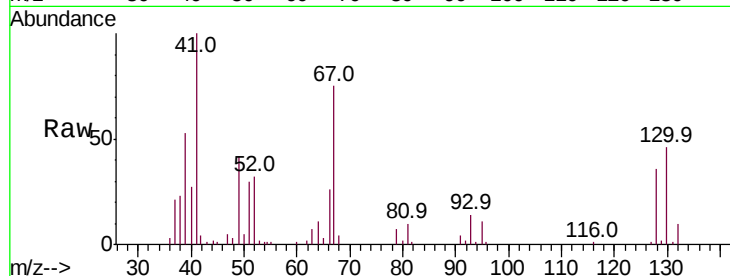
ClientSampleId :

VX0726WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	50.9	45.4	68.2
67	78.3	65.9	98.9
52	31.4	26.2	39.2

Manual Integrations
APPROVED

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7/29/2019 11:52:58 AM



#42

1,2-Dichloroethane

Concen: 19.941 ug/l

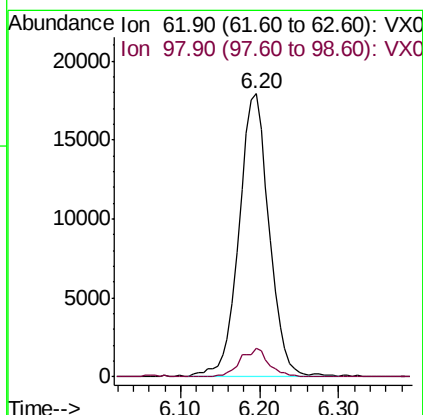
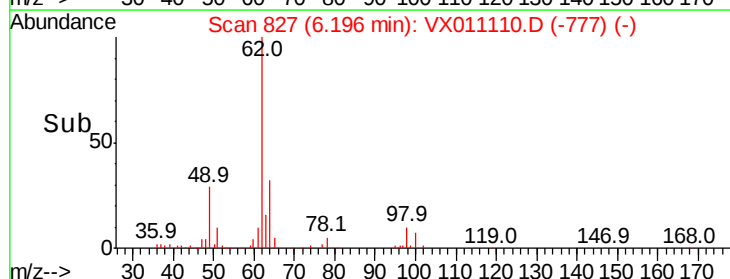
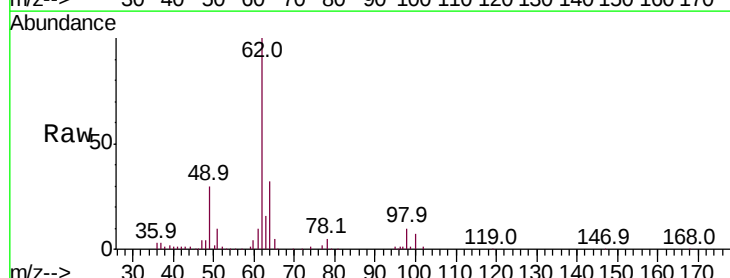
RT: 6.20 min Scan# 827

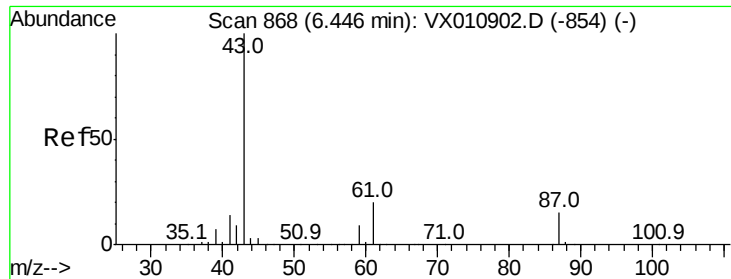
Delta R.T. 0.01 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.0





#43

Isopropyl Acetate

Concen: 19.446 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

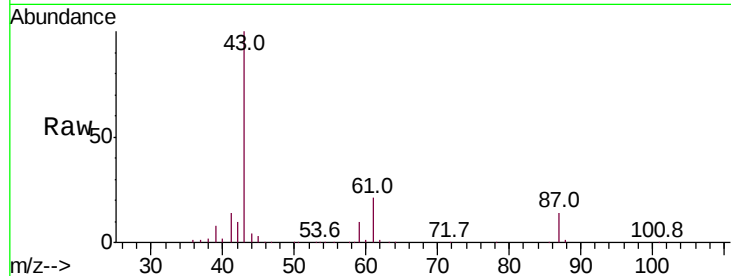
ClientSampleId :

VX0726WBS02

Tot Ion:	43	Resp:	73887
Ion	Ratio	Lower	Upper
43	100		
61	20.5	17.1	25.7
87	15.4	12.0	18.0

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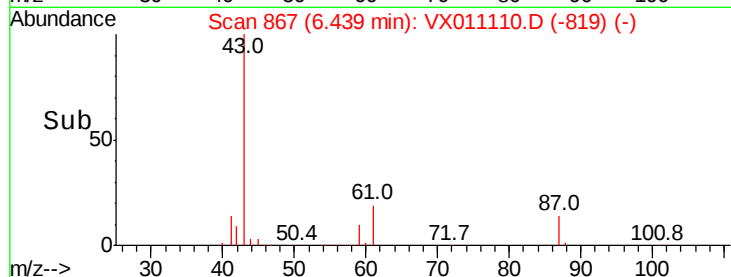


Abundance Ion 43.00 (42.70 to 43.70): VX010902.D (-854) (-)

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

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

Time-->

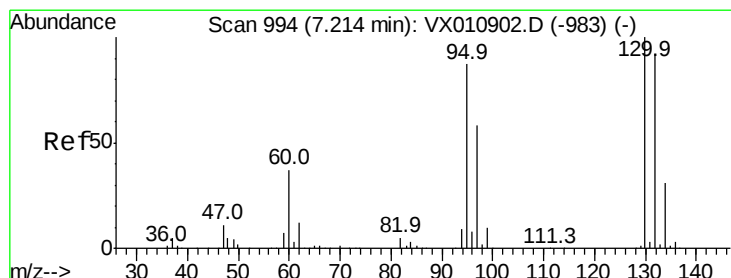


Abundance Ion 43.00 (42.70 to 43.70): VX011110.D (-819) (-)

Ion 61.00 (60.70 to 61.70): VX011110.D (-819) (-)

Ion 87.00 (86.70 to 87.70): VX011110.D (-819) (-)

Time-->



#44

Trichloroethene

Concen: 18.838 ug/l

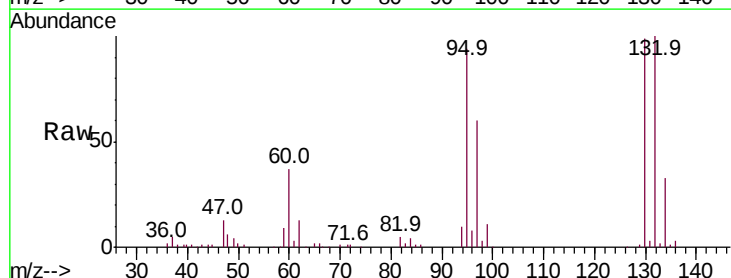
RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

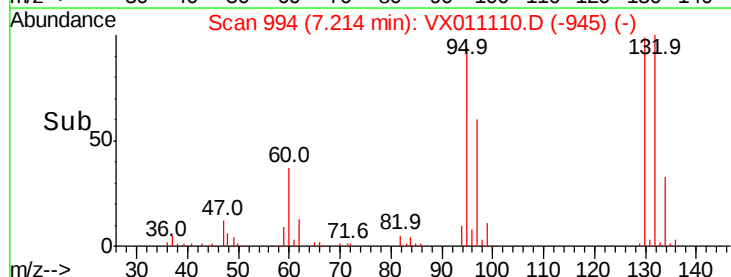
Tgt Ion:	130	Resp:	38545
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	174.8



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

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

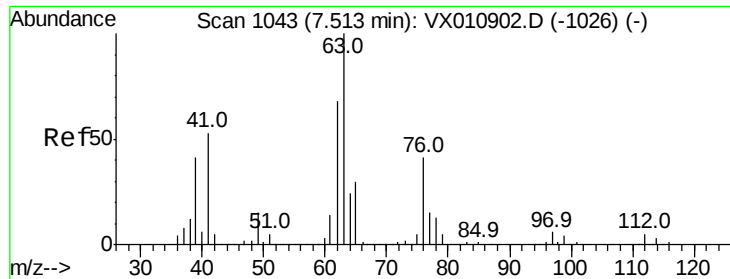
Time-->



Abundance Ion 129.80 (129.50 to 130.50): VX011110.D (-945) (-)

Ion 94.90 (94.60 to 95.60): VX011110.D (-945) (-)

Time-->



#45

1,2-Dichloropropane

Concen: 19.645 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

Tot Ion: 63 Resp: 34564

Ion Ratio Lower Upper

63 100

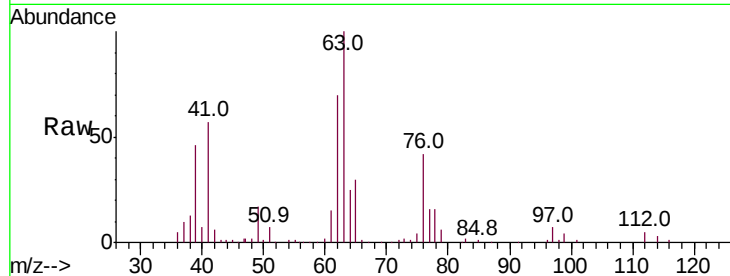
65 29.8 24.4 36.6

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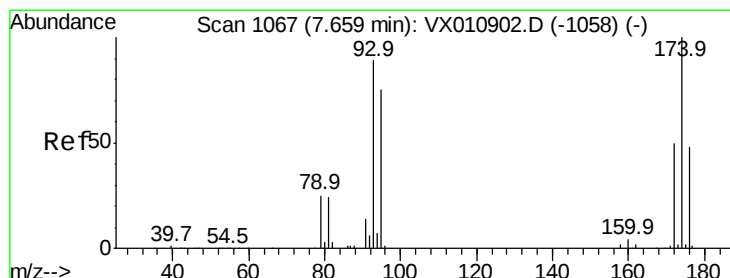
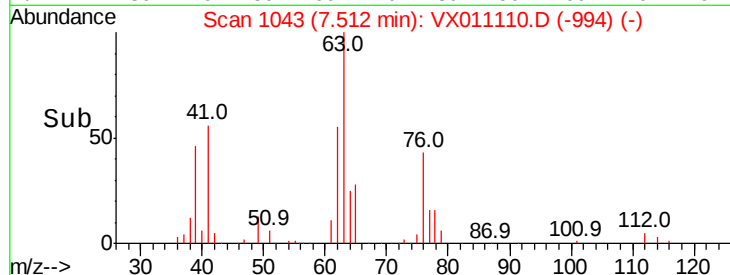
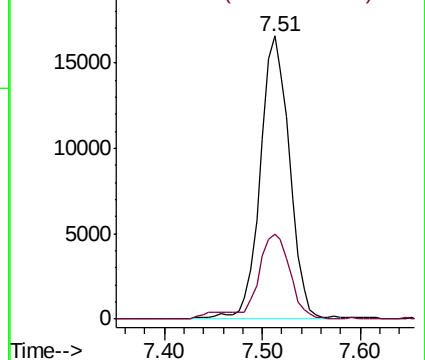
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.020 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

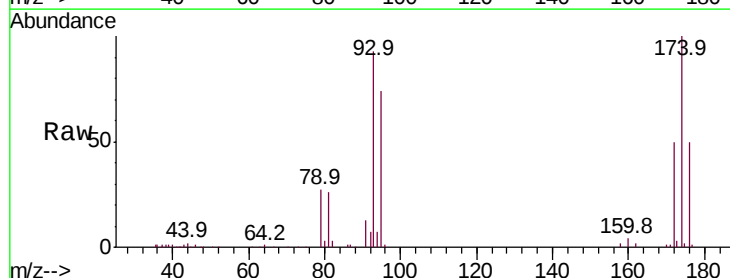
Tgt Ion: 93 Resp: 25169

Ion Ratio Lower Upper

93 100

95 80.4 67.2 100.8

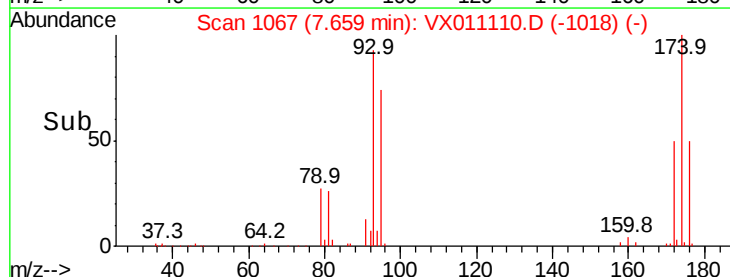
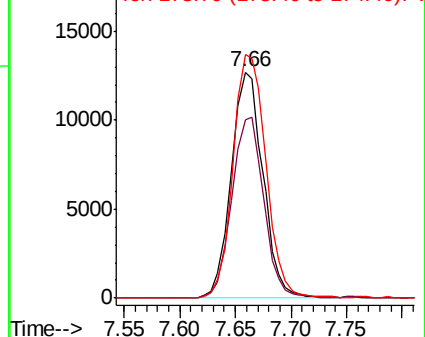
174 111.3 90.6 135.8

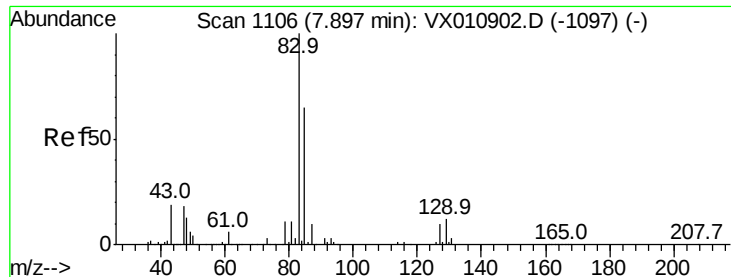


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.664 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

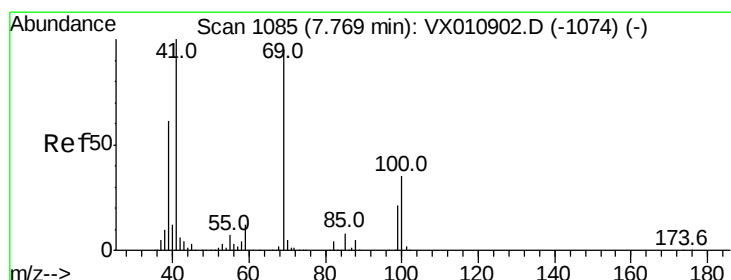
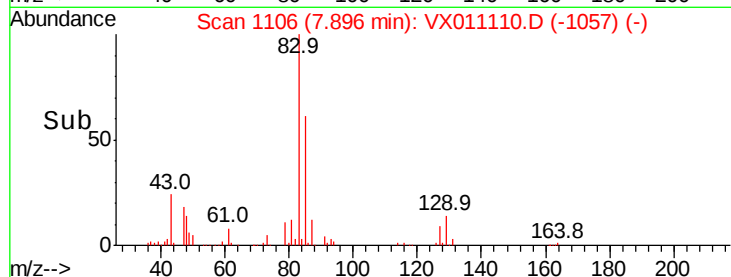
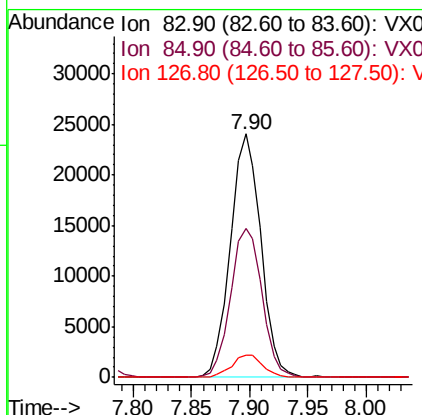
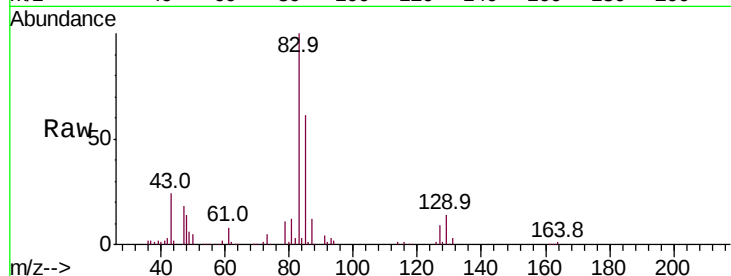
ClientSampleId :

VX0726WBS02

Tot Ion:	83	Resp:	44006
Ion	Ratio	Lower	Upper
83	100		
85	61.4	52.5	78.7
127	9.3	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.008 ug/l

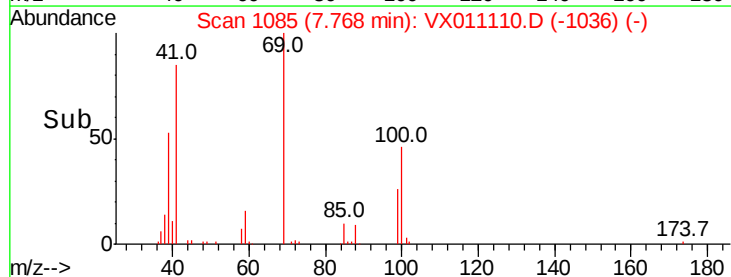
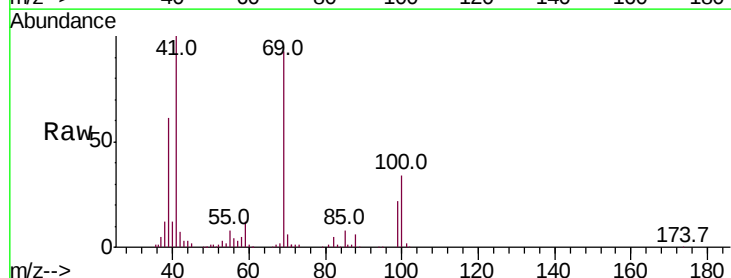
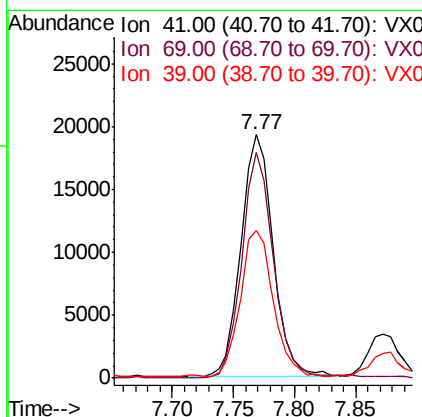
RT: 7.77 min Scan# 1085

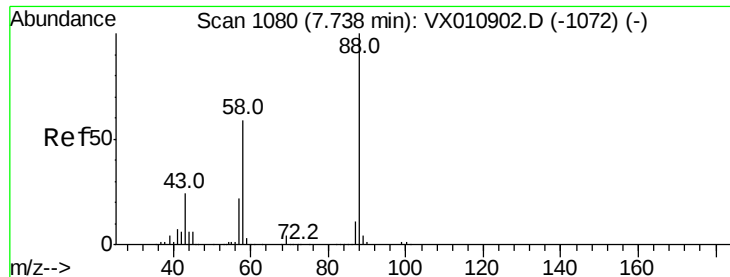
Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Tgt Ion:	41	Resp:	35184
Ion	Ratio	Lower	Upper
41	100		
69	92.3	74.4	111.6
39	61.4	48.9	73.3





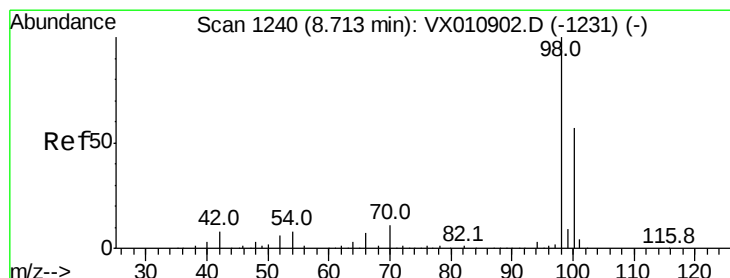
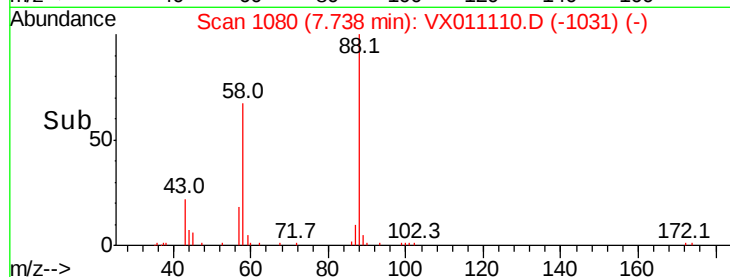
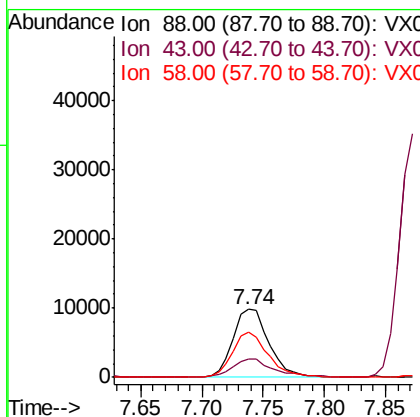
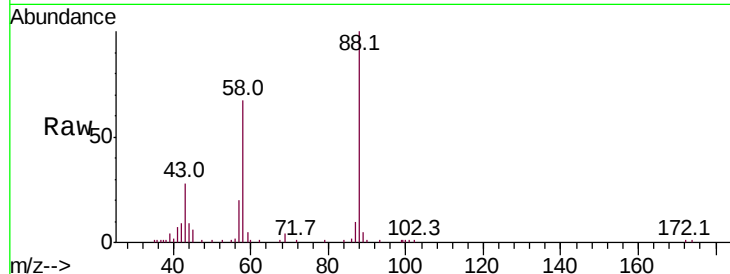
#49
1,4-Dioxane
Concen: 389.603 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.8	22.9	34.3
58	66.9	49.8	74.8

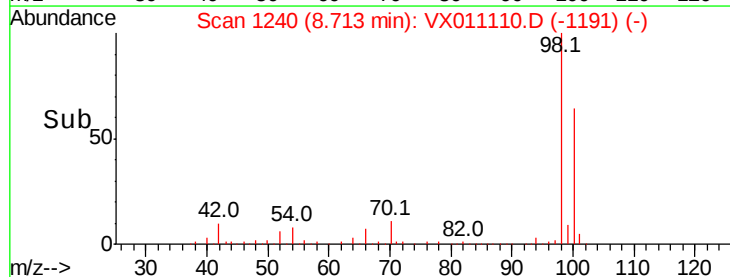
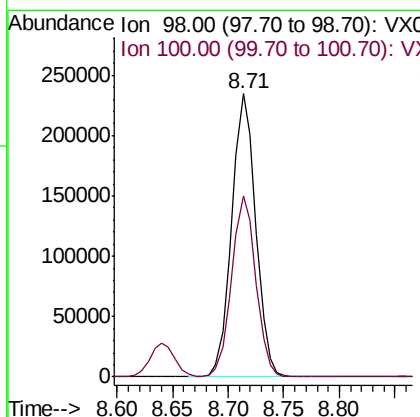
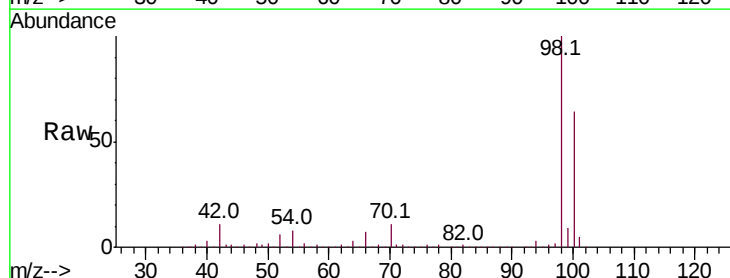
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#50
Toluene-d8
Concen: 53.574 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 102.532 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

Tot Ion: 43 Resp: 252539

Ion Ratio Lower Upper

43 100

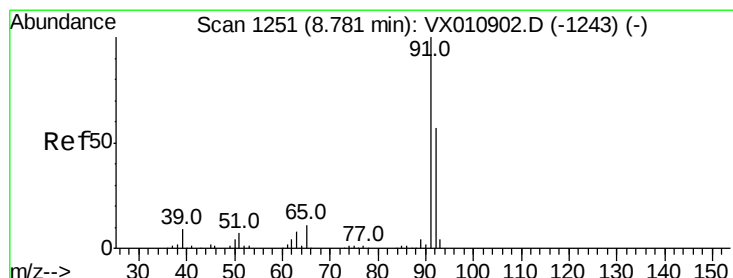
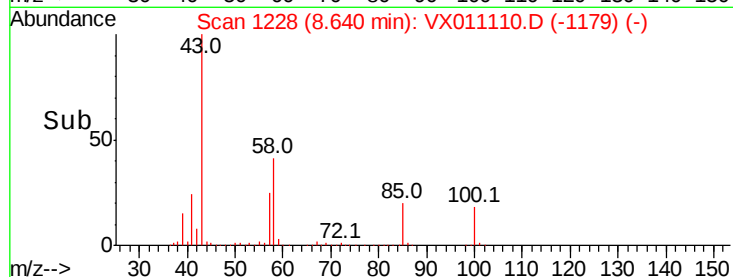
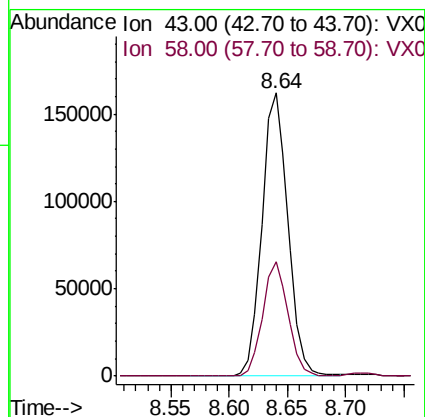
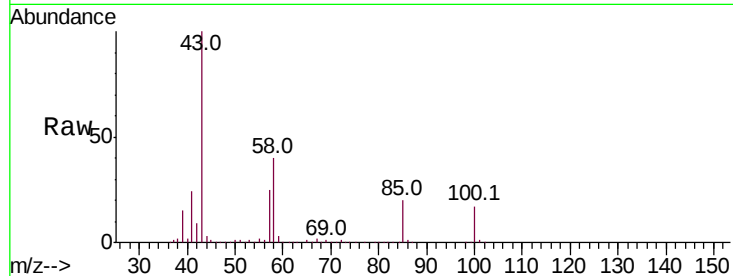
58 39.5 32.2 48.4

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#52

Toluene

Concen: 19.084 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011110.D

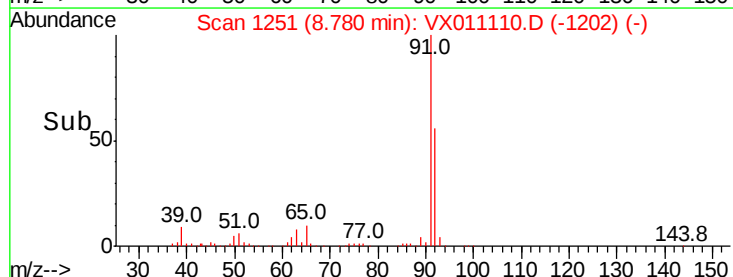
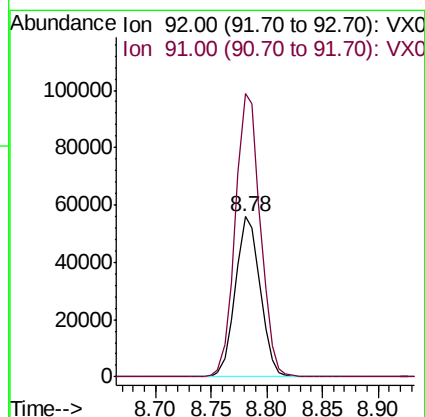
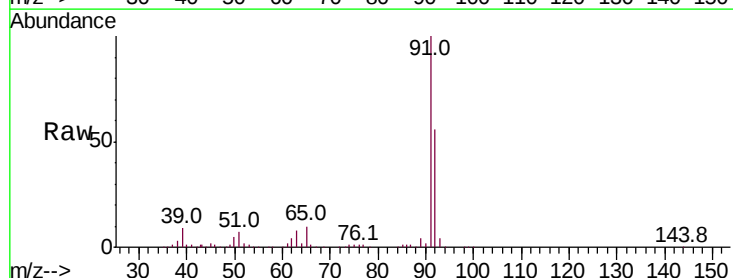
Acq: 26 Jul 2019 23:59

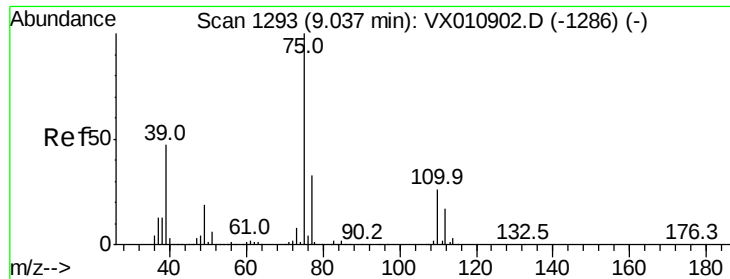
Tgt Ion: 92 Resp: 86660

Ion Ratio Lower Upper

92 100

91 177.2 139.4 209.0





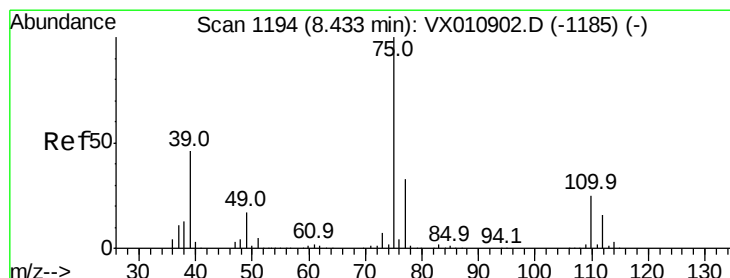
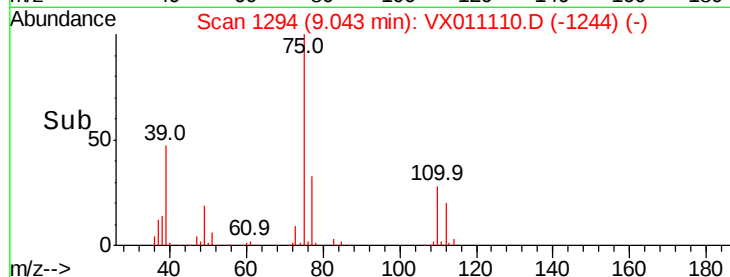
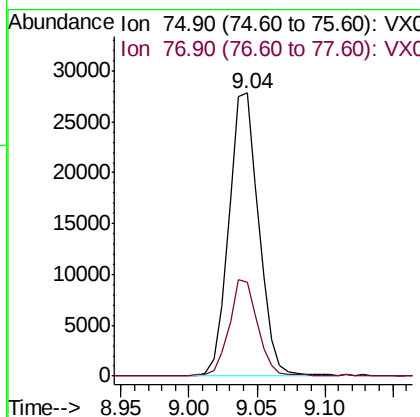
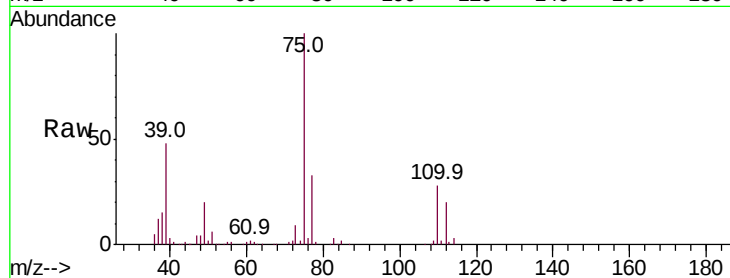
#53
t-1,3-Dichloropropene
Concen: 17.664 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion: 75 Resp: 42505
Ion Ratio Lower Upper
75 100
77 33.2 26.2 39.2

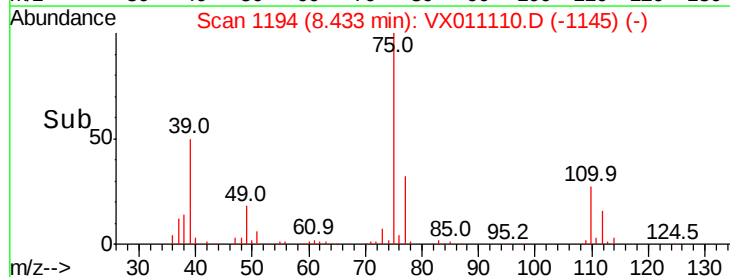
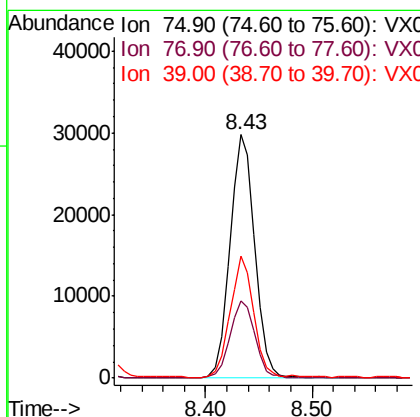
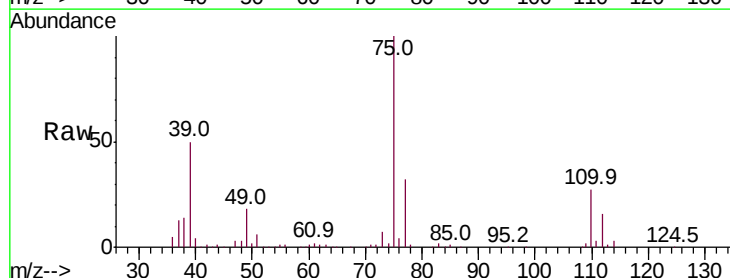
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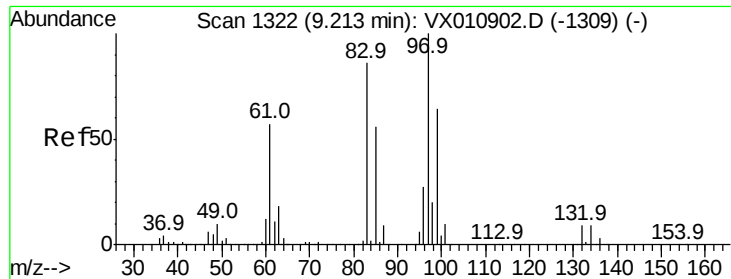
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#54
cis-1,3-Dichloropropene
Concen: 18.201 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Tgt Ion: 75 Resp: 48736
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
39 49.9 36.6 54.8





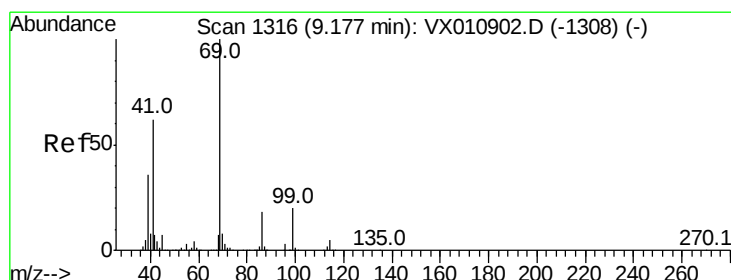
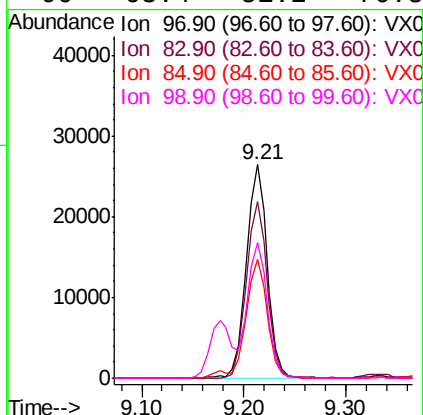
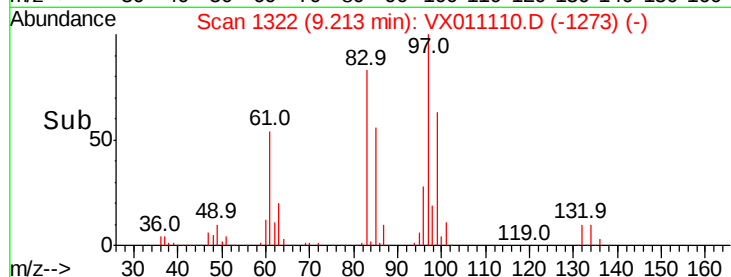
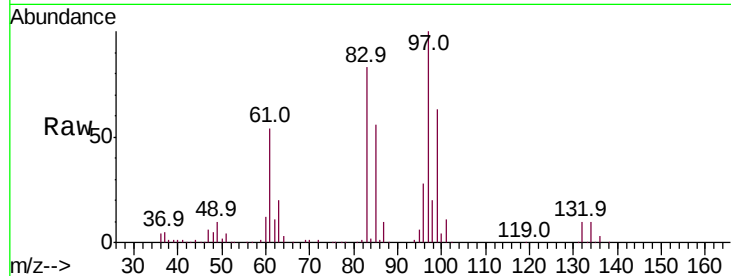
#55
 1,1,2-Trichloroethane
 Concen: 20.192 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011110.D
 Acq: 26 Jul 2019 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS02

Tot Ion	97	Resp	37754
Ion	Ratio	Lower	Upper
97	100		
83	82.7	69.2	103.8
85	55.5	44.6	66.8
99	63.4	51.2	76.8

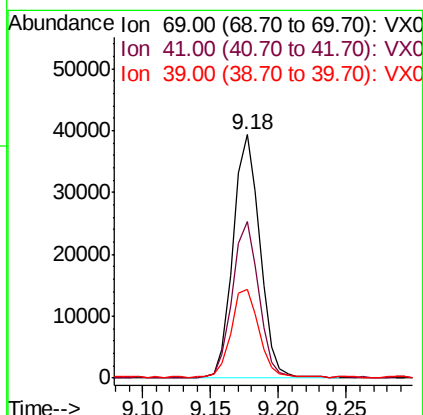
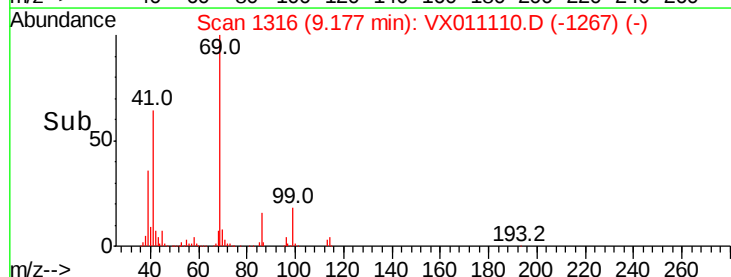
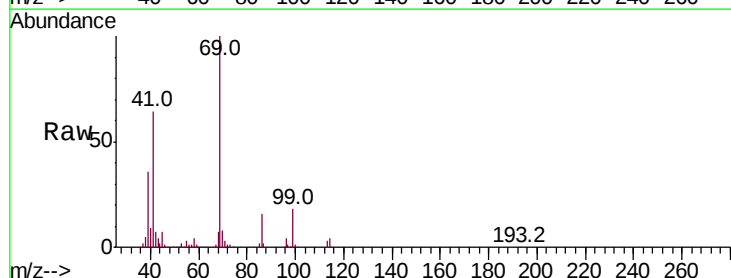
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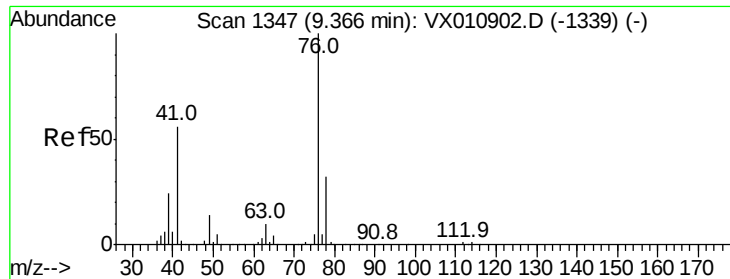
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#56
 Ethyl methacrylate
 Concen: 19.823 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011110.D
 Acq: 26 Jul 2019 23:59

Tgt Ion	69	Resp	54217
Ion	Ratio	Lower	Upper
69	100		
41	64.3	49.7	74.5
39	37.3	29.6	44.4





#57

1,3-Dichloropropane

Concen: 19.803 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

Tot Ion: 76 Resp: 58738

Ion Ratio Lower Upper

76 100

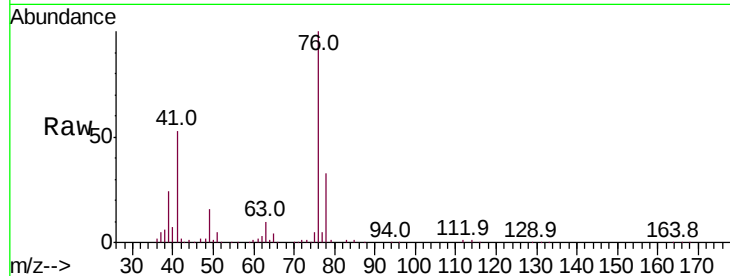
78 32.7 25.6 38.4

Manual Integrations

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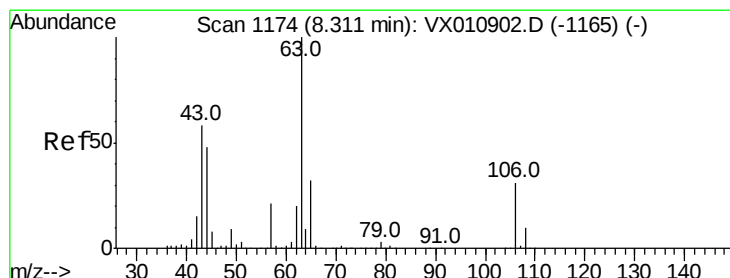
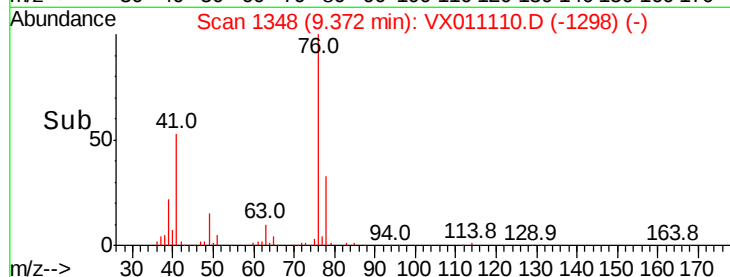
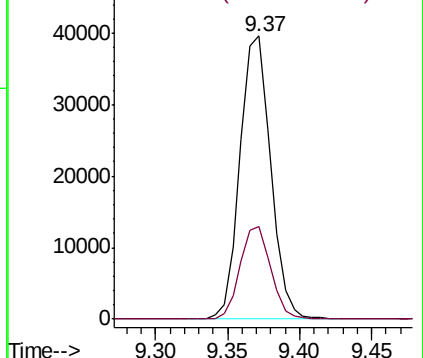
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 107.779 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX011110.D

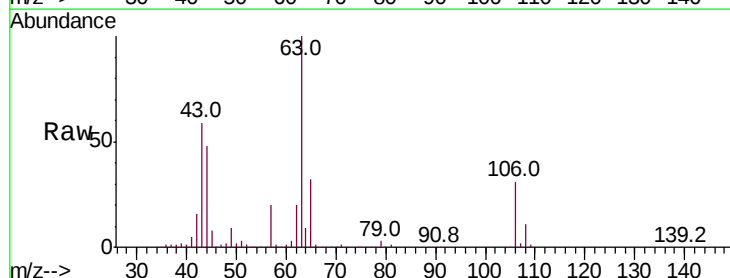
Acq: 26 Jul 2019 23:59

Tgt Ion: 63 Resp: 140717

Ion Ratio Lower Upper

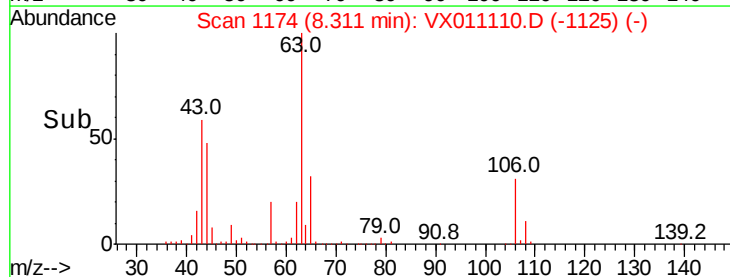
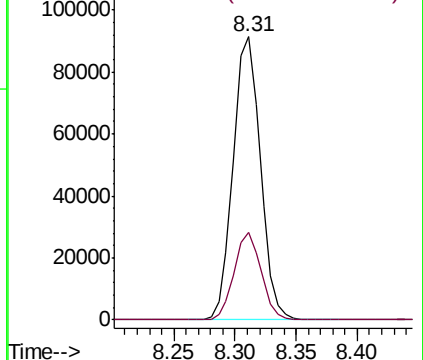
63 100

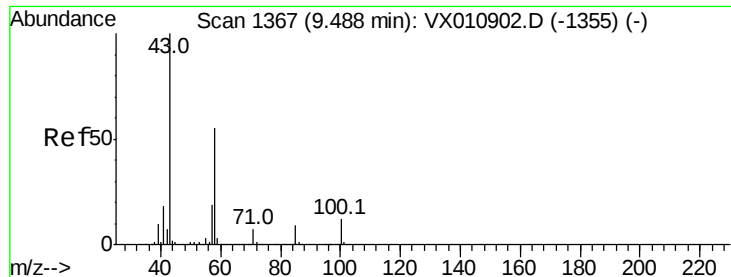
106 30.6 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





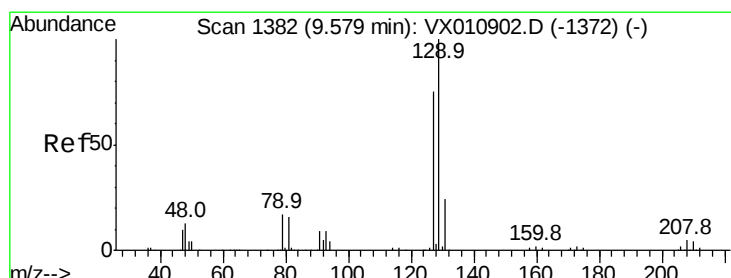
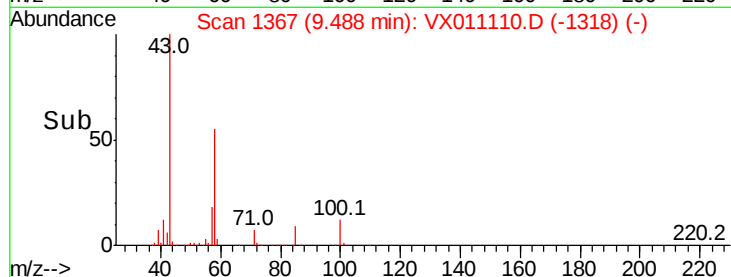
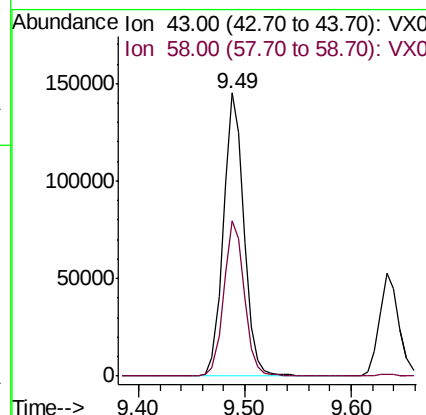
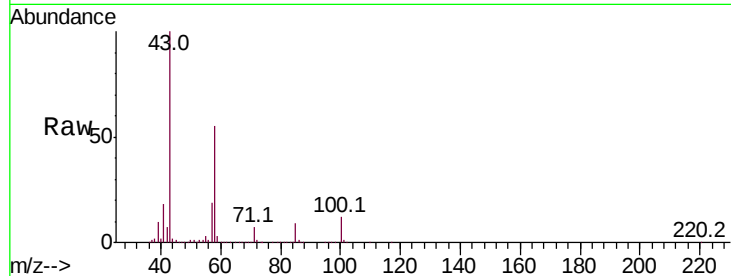
#59
2-Hexanone
Concen: 101.857 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion: 43 Resp: 194584
Ion Ratio Lower Upper
43 100
58 55.2 28.0 83.9

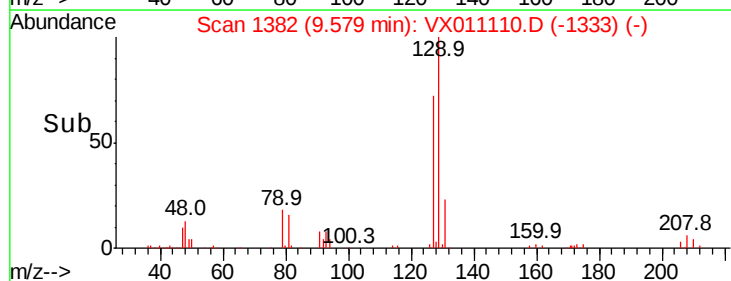
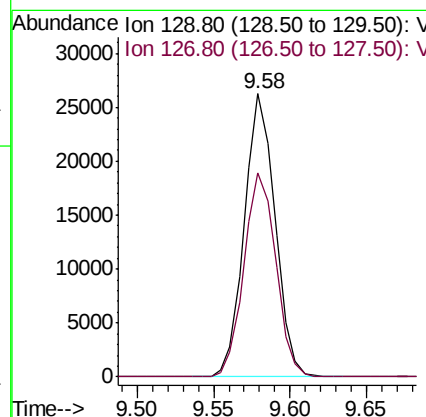
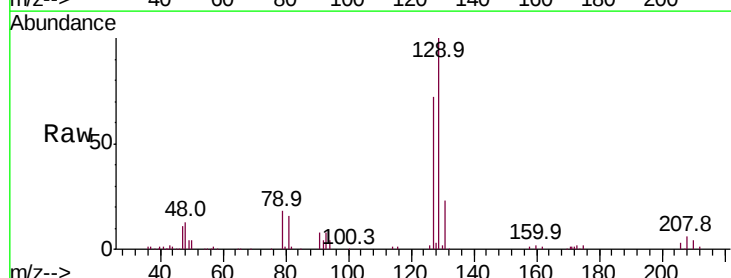
Manual Integrations
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#60
Dibromochloromethane
Concen: 18.667 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Tgt Ion: 129 Resp: 36580
Ion Ratio Lower Upper
129 100
127 74.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.539 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

Tot Ion:107 Resp: 38771

Ion Ratio Lower Upper

107 100

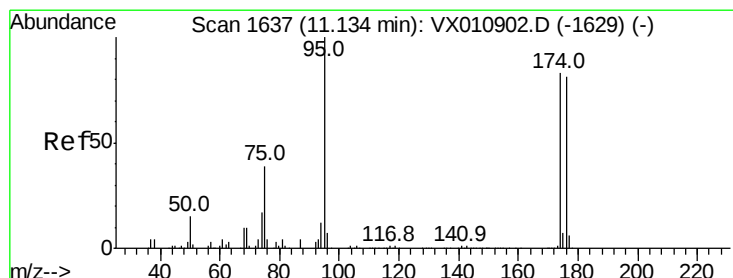
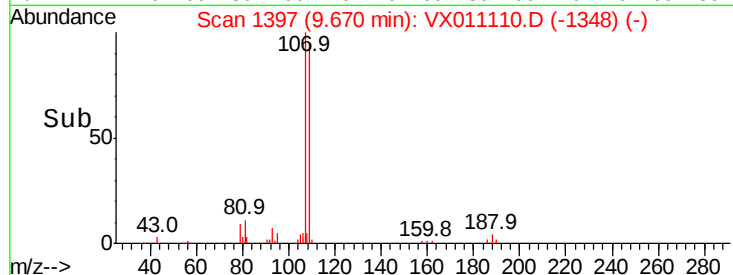
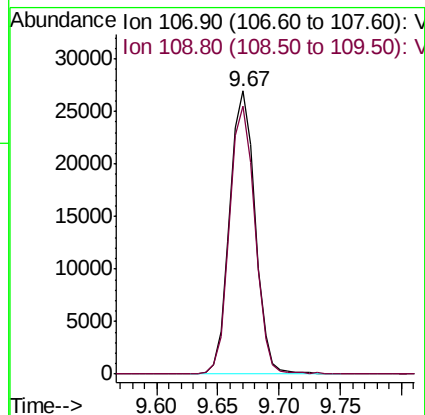
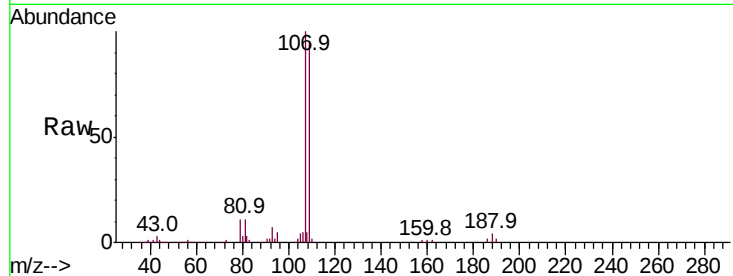
109 94.4 75.4 113.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 53.329 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

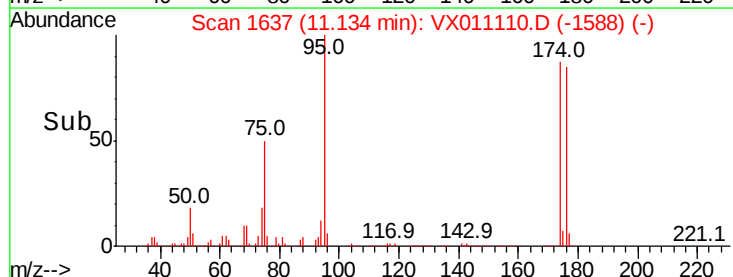
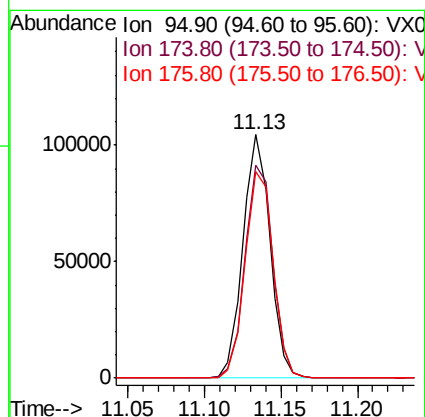
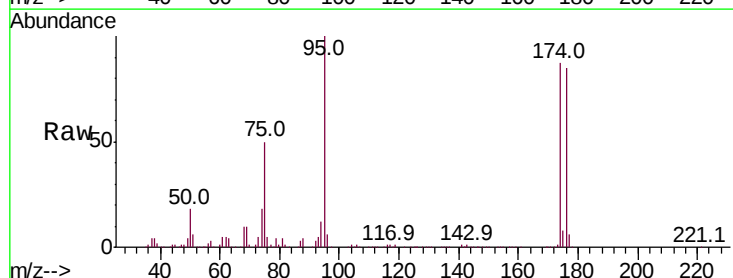
Tgt Ion: 95 Resp: 128202

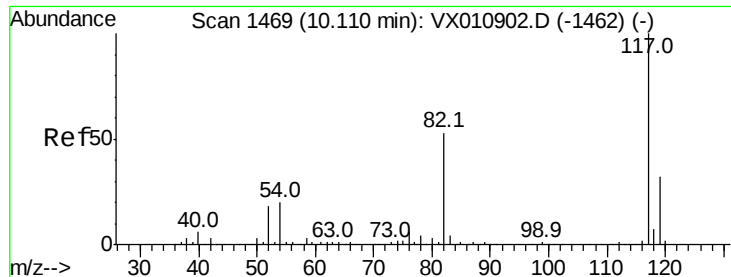
Ion Ratio Lower Upper

95 100

174 90.4 0.0 180.6

176 88.5 0.0 173.8





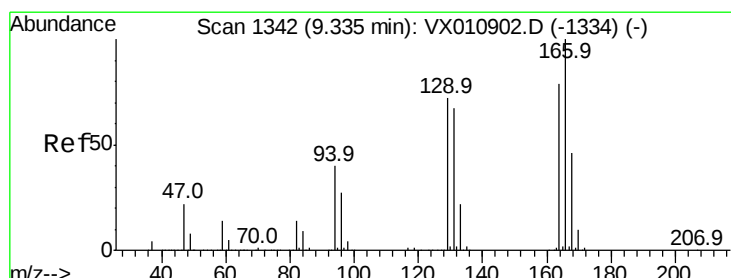
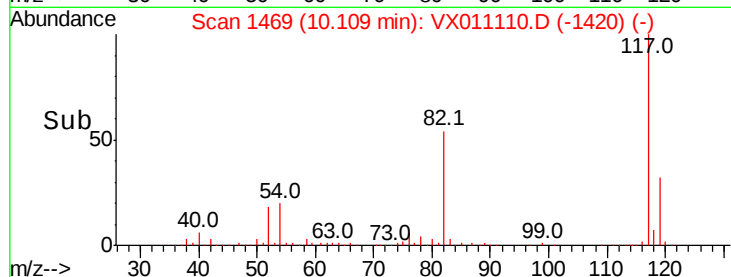
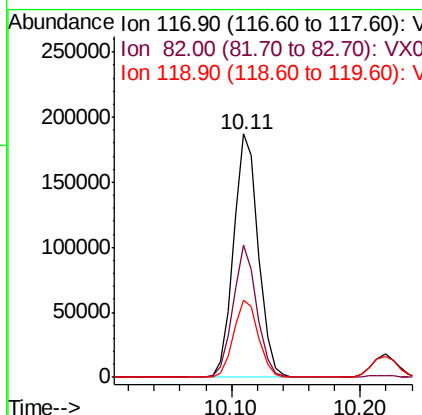
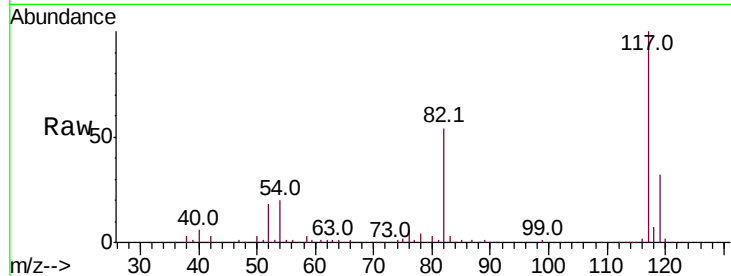
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.6	63.8
119	31.8	25.9	38.9

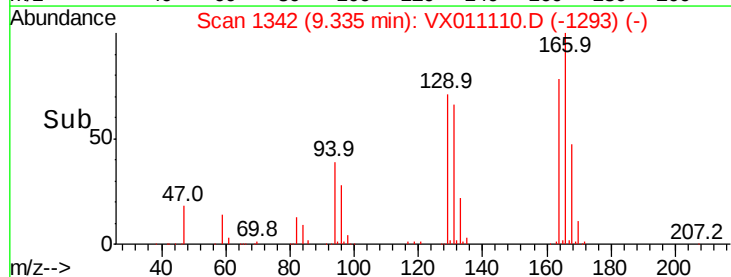
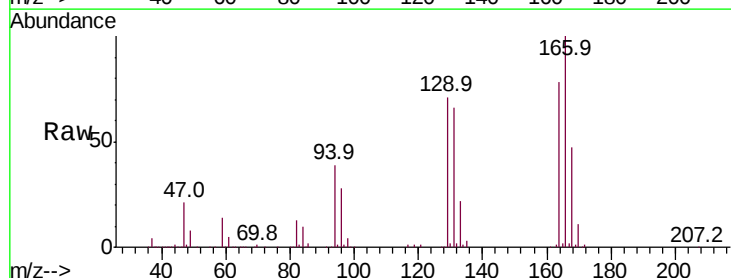
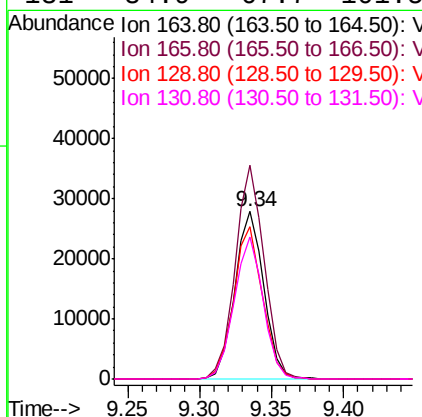
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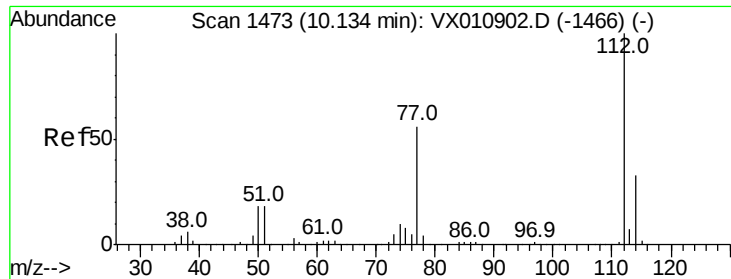
MMDadoda
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#64
Tetrachloroethene
Concen: 19.877 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	100.8	151.2
129	90.9	72.6	109.0
131	84.9	67.7	101.5





#65

Chlorobenzene

Concen: 19.204 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

Tot Ion:112 Resp: 98510

Ion Ratio Lower Upper

112 100

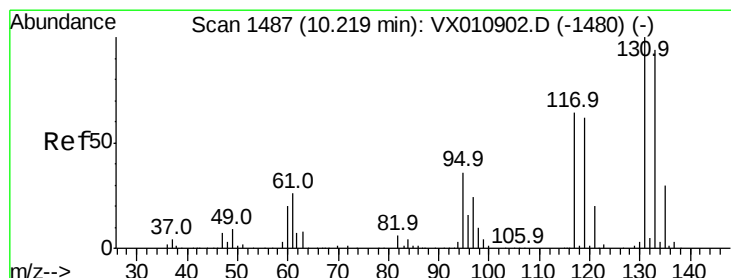
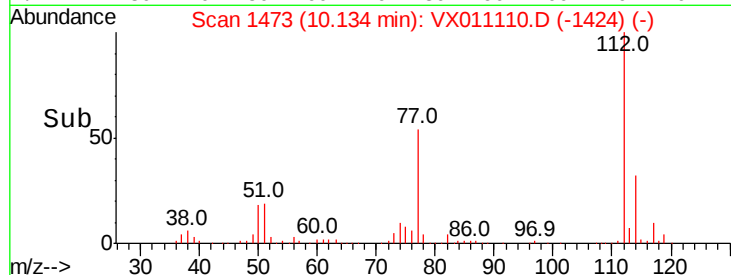
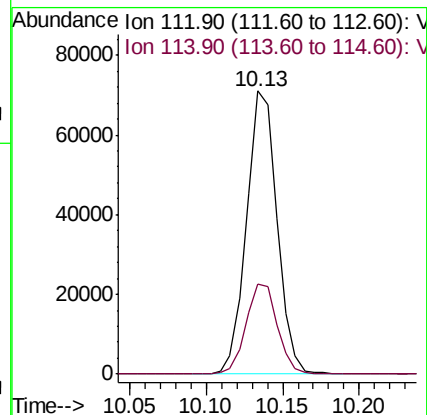
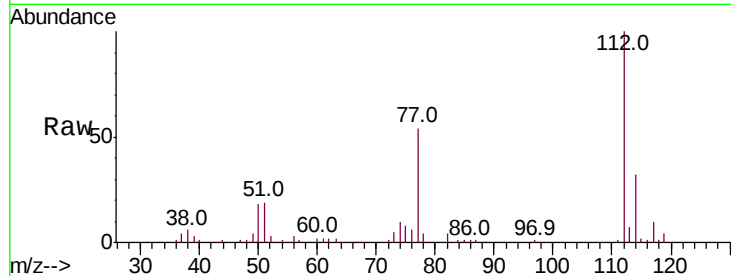
114 31.7 26.2 39.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.273 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

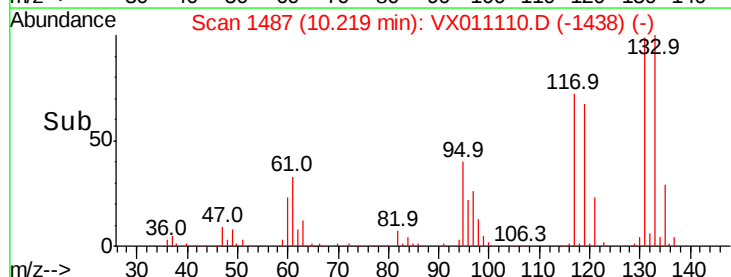
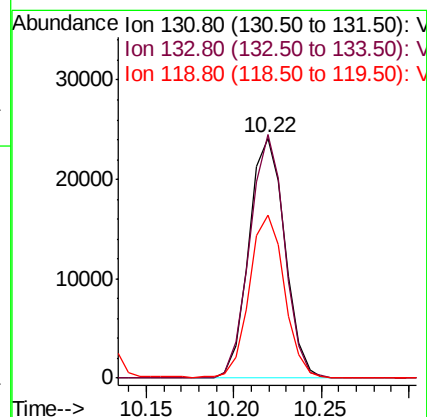
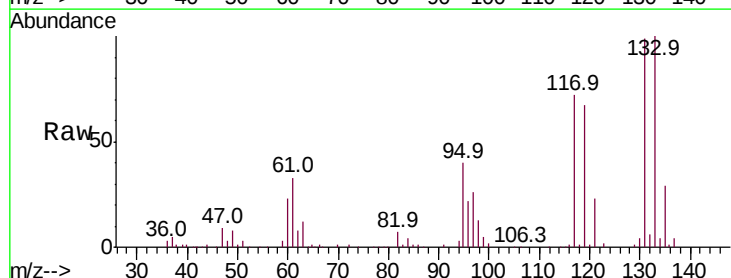
Tgt Ion:131 Resp: 34745

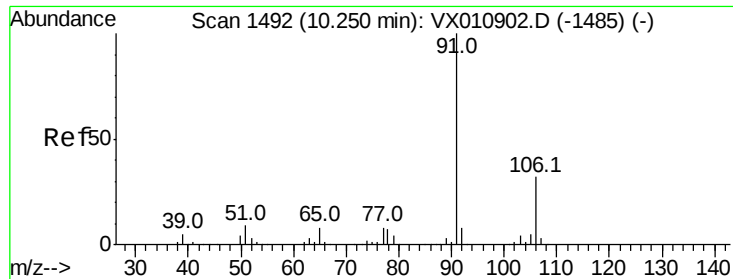
Ion Ratio Lower Upper

131 100

133 98.4 47.1 141.4

119 66.6 31.9 95.7





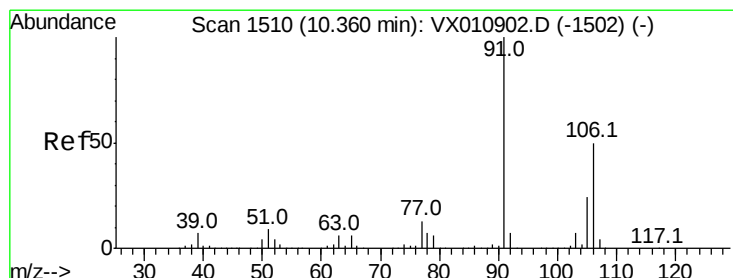
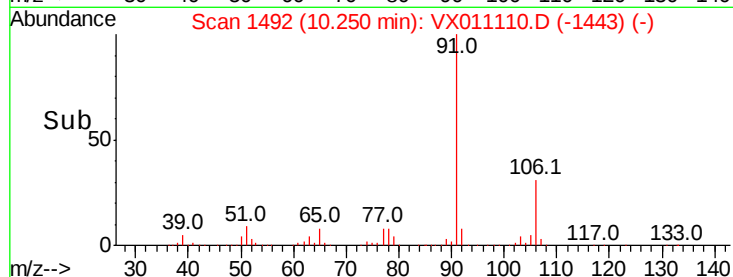
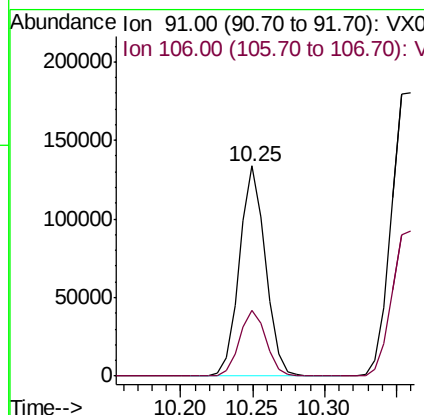
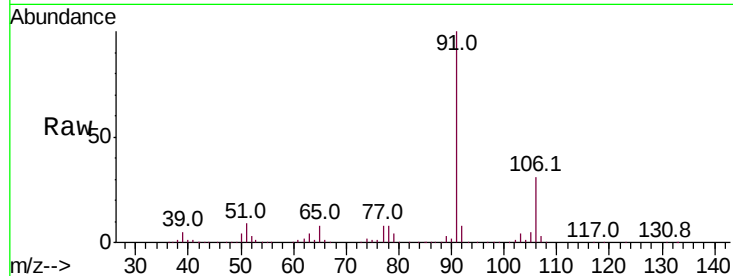
#67
Ethyl Benzene
Concen: 19.226 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion: 91 Resp: 167867
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2

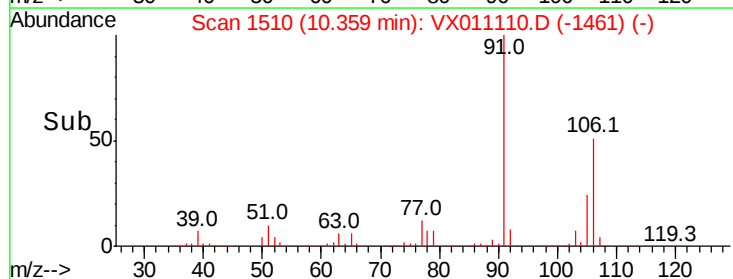
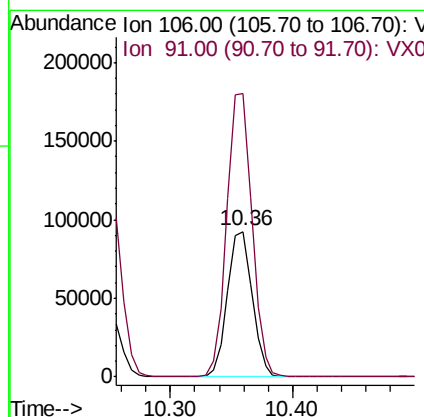
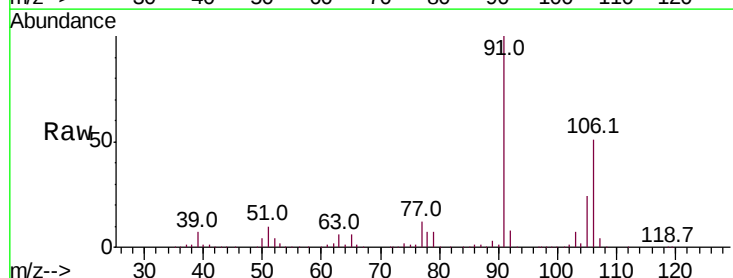
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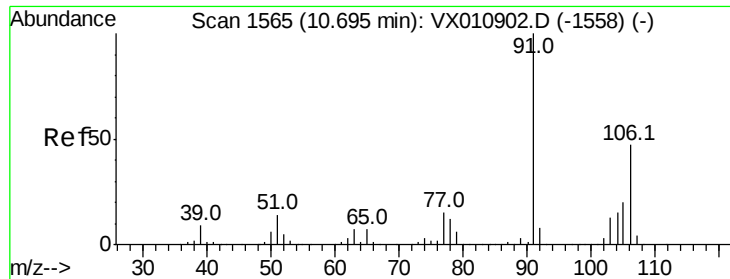
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#68
m/p-Xylenes
Concen: 38.796 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Tgt Ion: 106 Resp: 129937
Ion Ratio Lower Upper
106 100
91 198.4 160.1 240.1





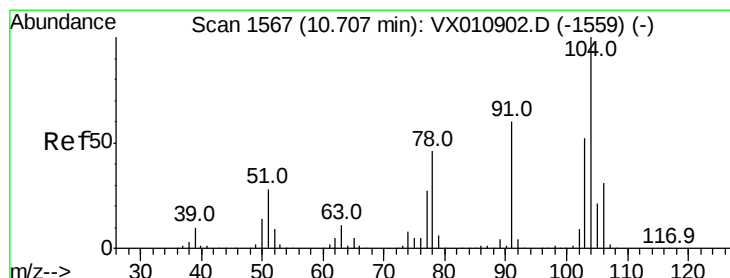
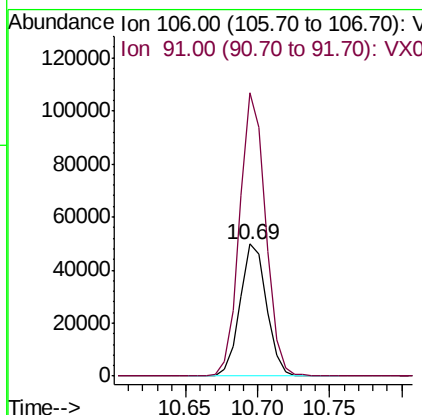
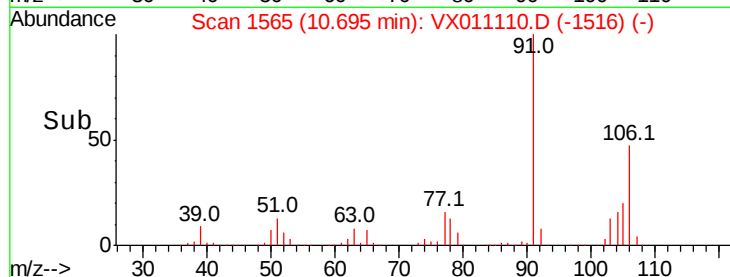
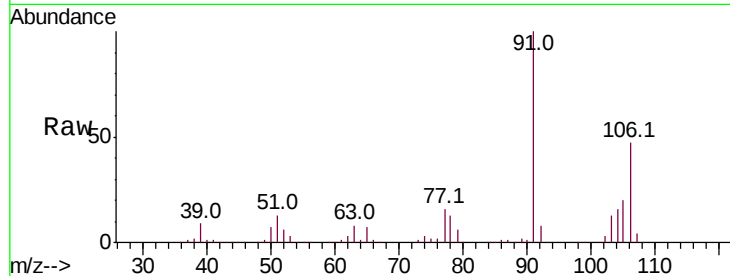
#69
o-Xylene
Concen: 19.481 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion:106 Resp: 63677
Ion Ratio Lower Upper
106 100
91 210.0 105.1 315.3

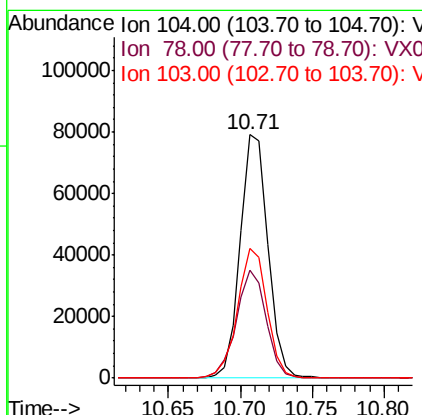
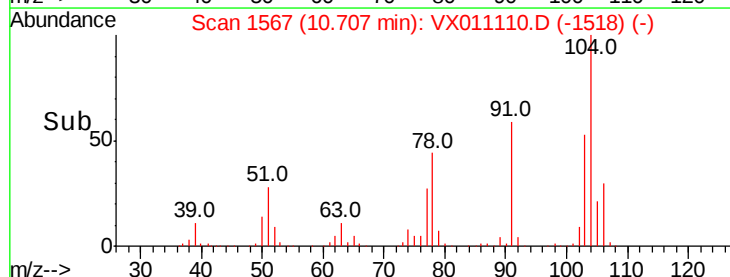
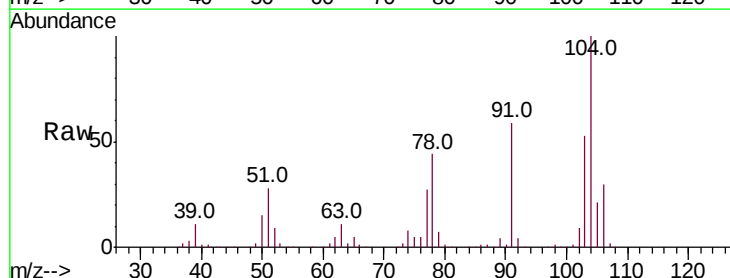
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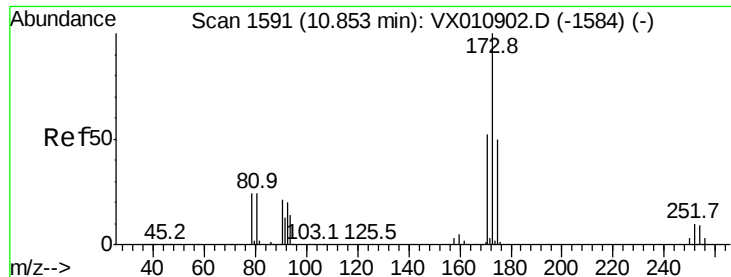
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#70
Styrene
Concen: 19.507 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Tgt Ion:104 Resp: 106293
Ion Ratio Lower Upper
104 100
78 47.9 38.8 58.2
103 56.9 44.2 66.4





#71

Bromoform

Concen: 17.961 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampled :

VX0726WBS02

Tot Ion:173 Resp: 26657

Ion Ratio Lower Upper

173 100

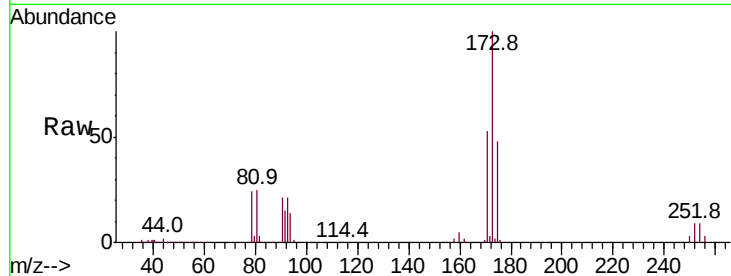
175 46.8 24.6 73.6

254 0.1 0.1 0.1#

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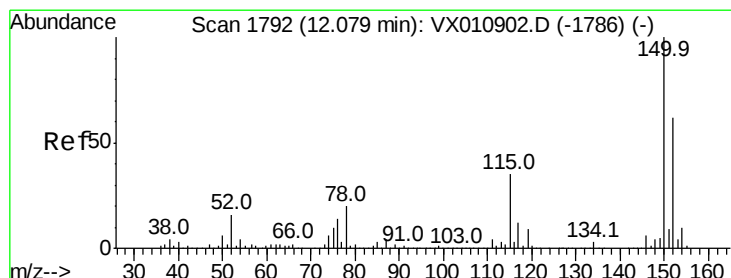
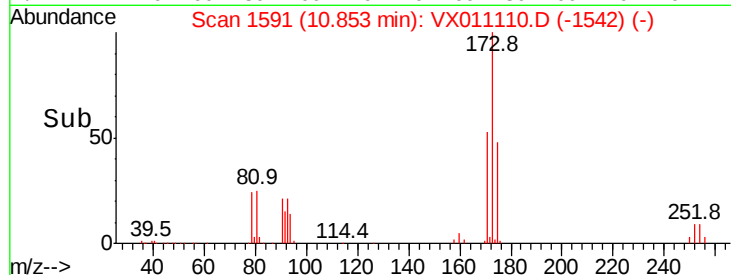
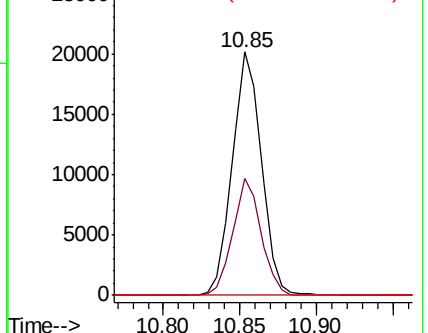
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

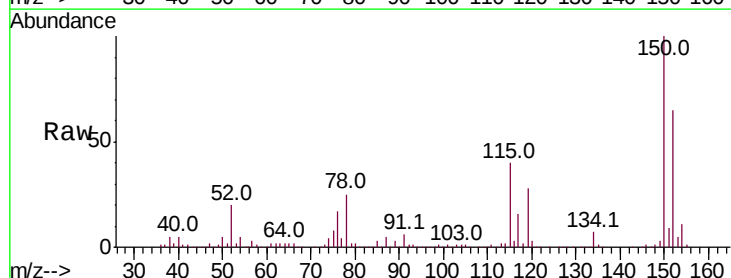
Tgt Ion:152 Resp: 132686

Ion Ratio Lower Upper

152 100

115 63.0 39.7 119.1

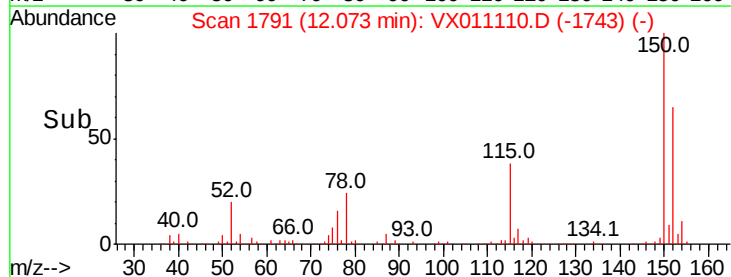
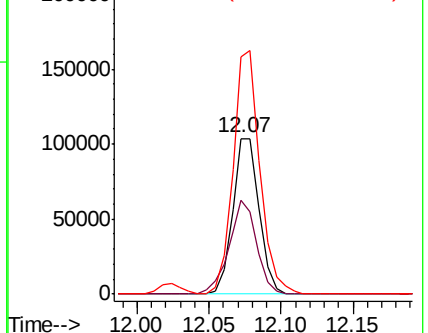
150 159.2 0.0 345.6

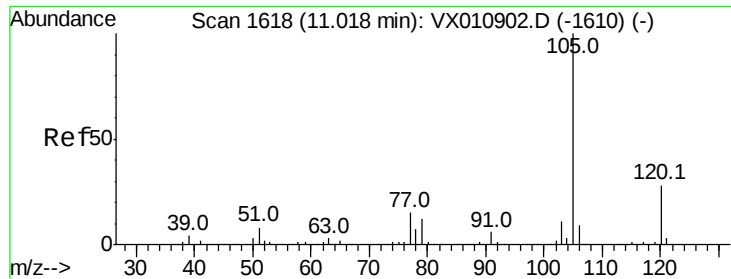


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.067 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

Tot Ion: 105 Resp: 170946

Ion Ratio Lower Upper

105 100

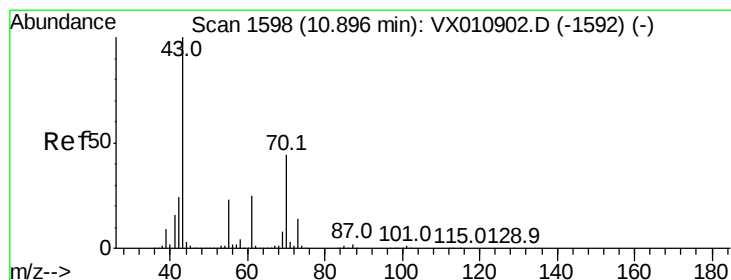
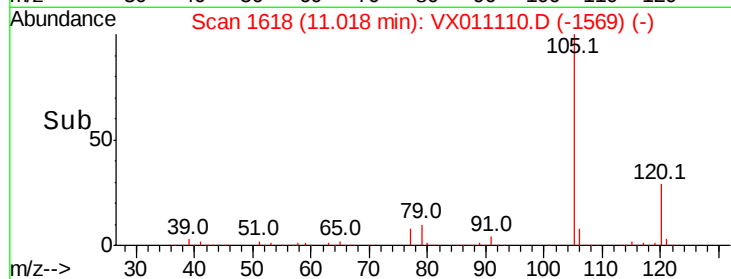
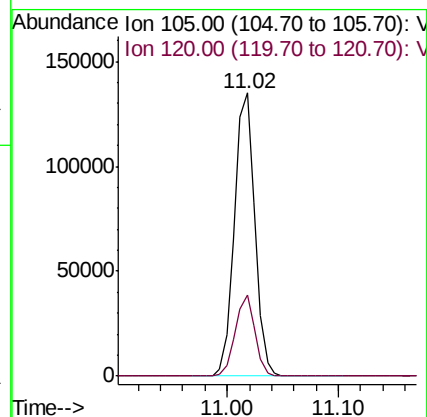
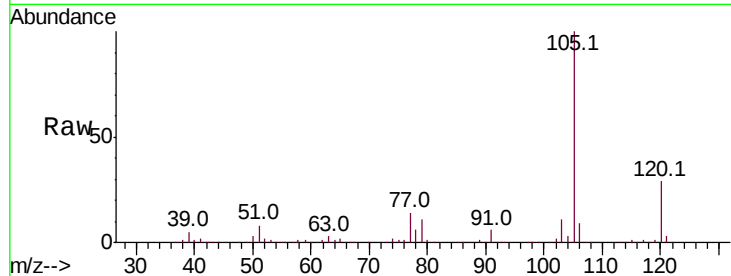
120 27.6 13.7 41.1

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#74

N-ethyl acetate

Concen: 19.020 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Tgt Ion: 43 Resp: 65156

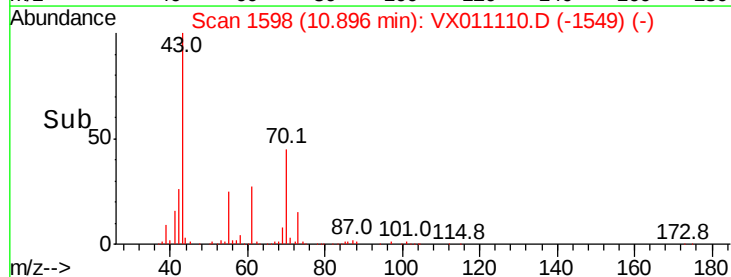
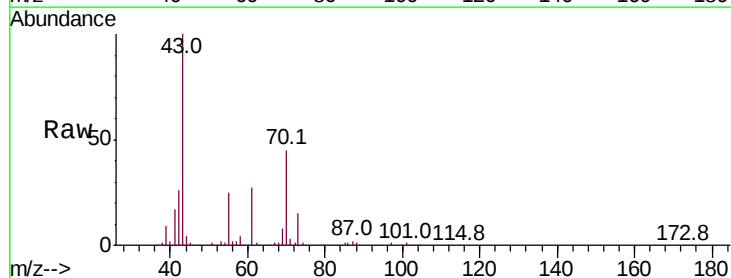
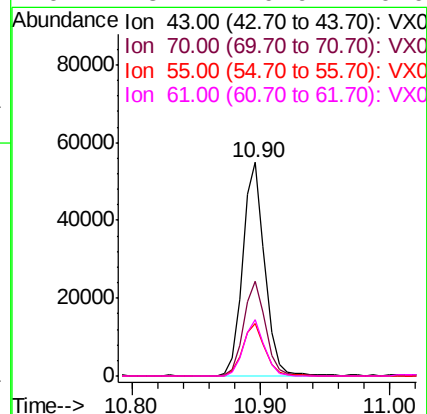
Ion Ratio Lower Upper

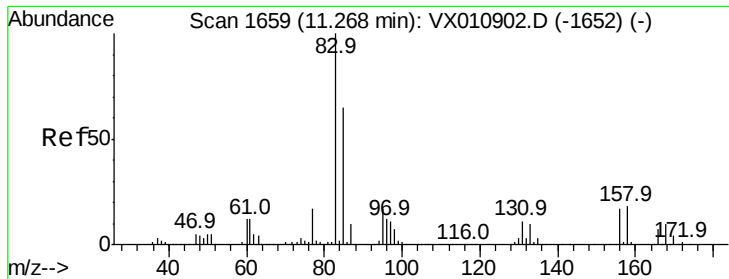
43 100

70 44.0 34.7 52.1

55 24.9 19.1 28.7

61 25.2 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.691 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

Tot Ion: 83 Resp: 57774

Ion Ratio Lower Upper

83 100

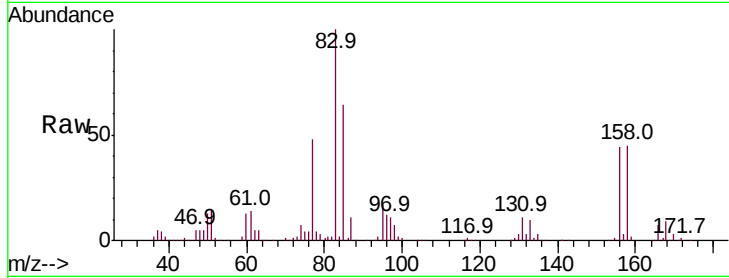
131 10.8 5.5 16.4

85 64.9 32.3 96.9

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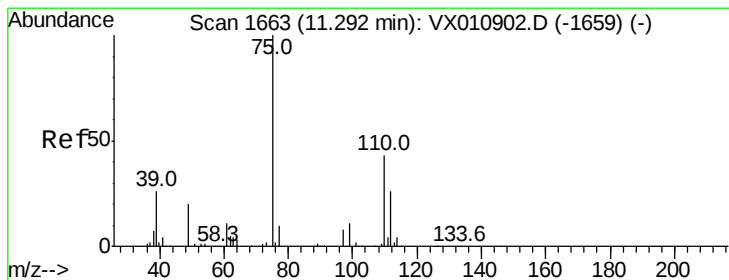
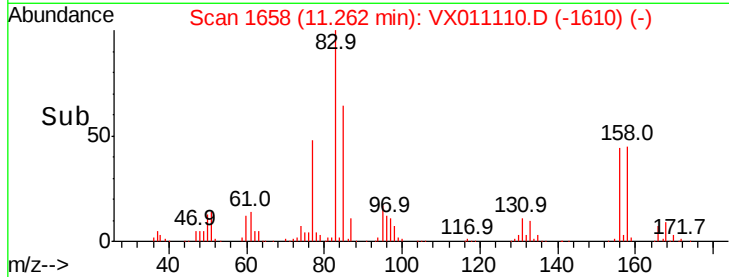
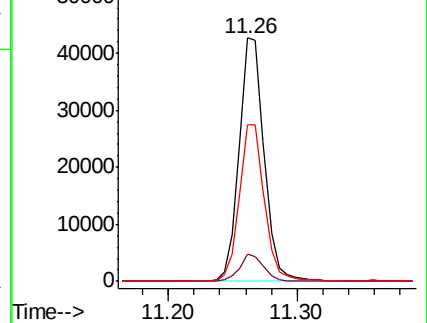
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.945 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011110.D

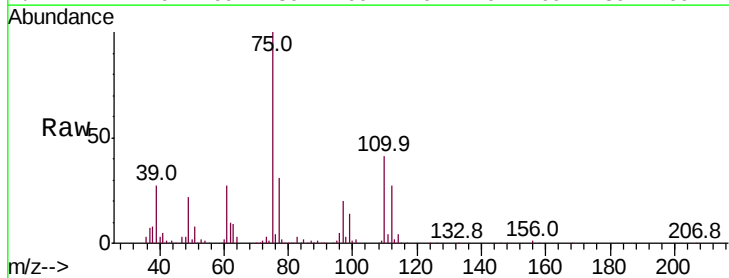
Acq: 26 Jul 2019 23:59

Tgt Ion: 75 Resp: 47756

Ion Ratio Lower Upper

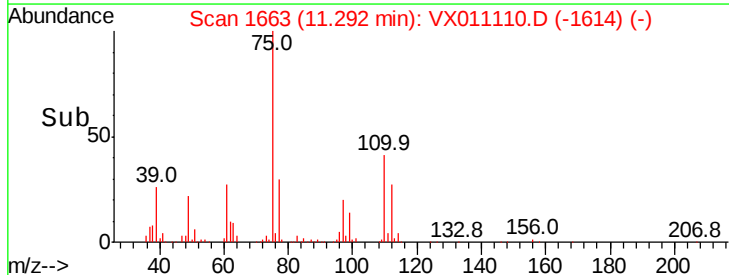
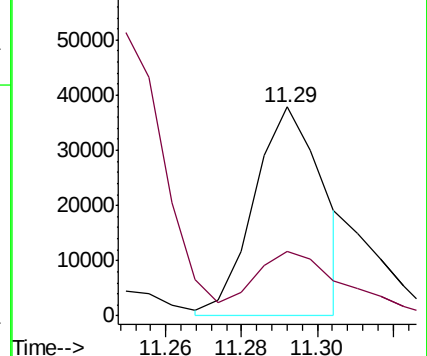
75 100

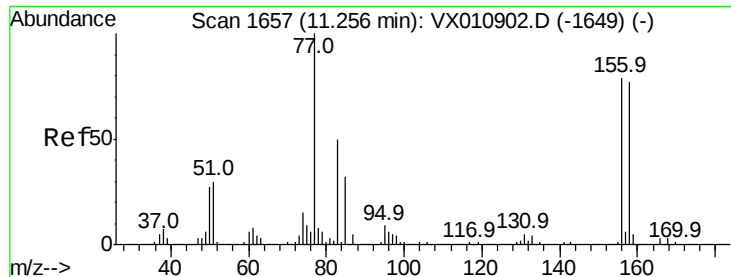
77 40.3 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.054 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

Tot Ion:156 Resp: 47120

Ion Ratio Lower Upper

156 100

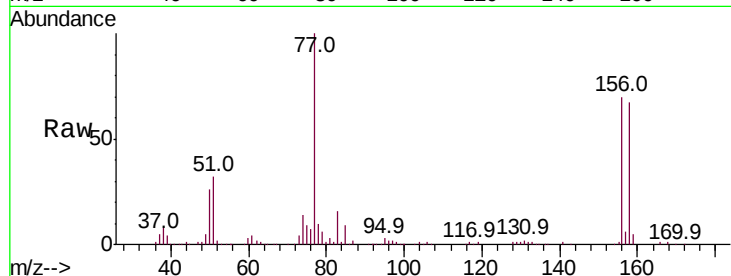
77 136.6 68.7 206.1

158 96.6 47.9 143.7

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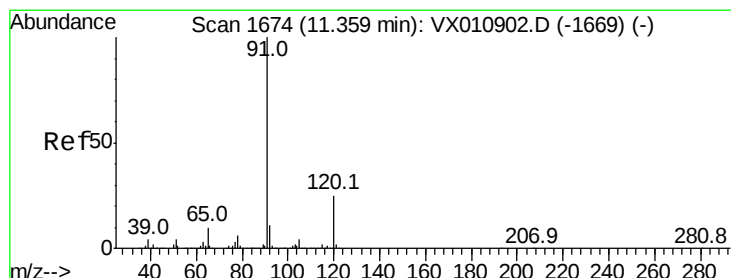
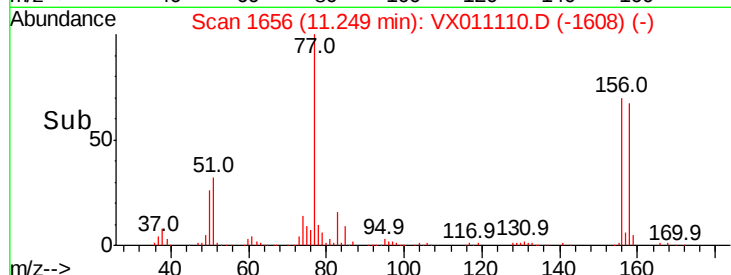
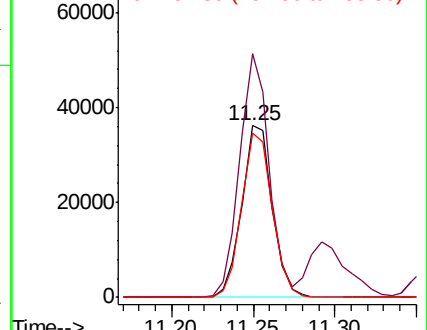
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.674 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011110.D

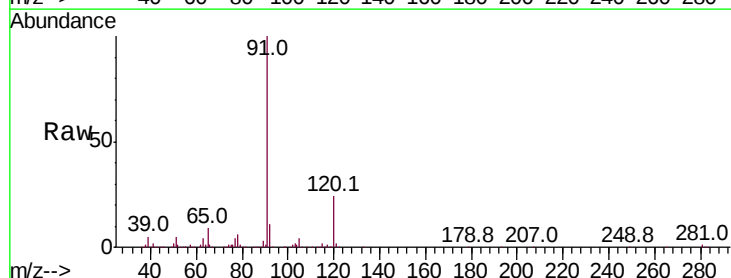
Acq: 26 Jul 2019 23:59

Tgt Ion: 91 Resp: 184993

Ion Ratio Lower Upper

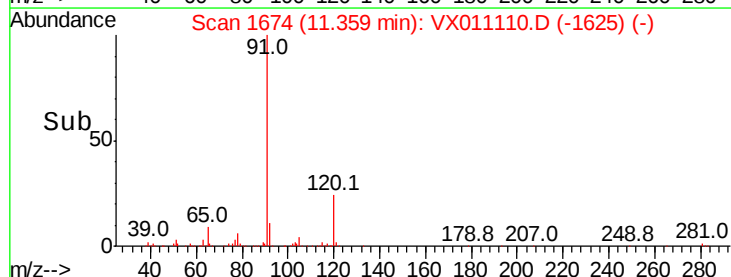
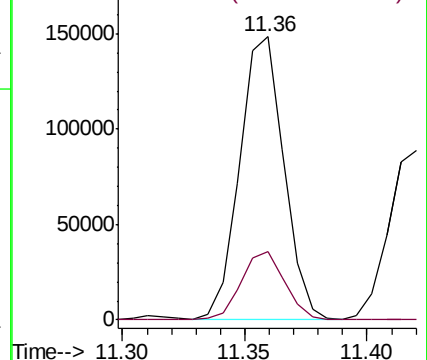
91 100

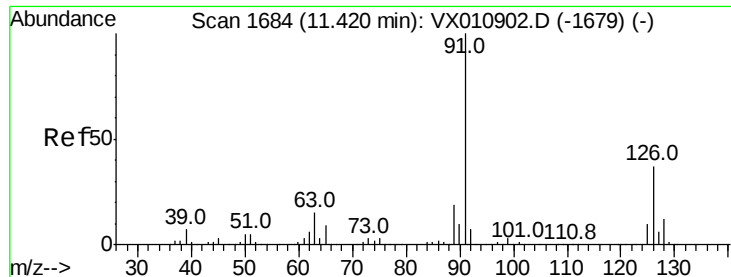
120 24.2 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.937 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

Tot Ion: 91 Resp: 112691

Ion Ratio Lower Upper

91 100

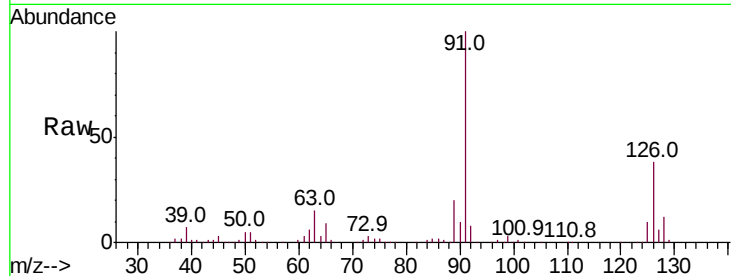
126 37.5 18.0 54.0

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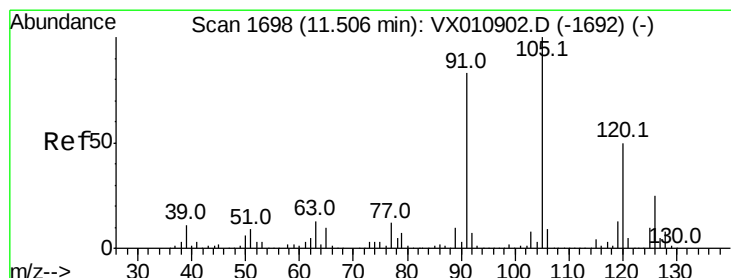
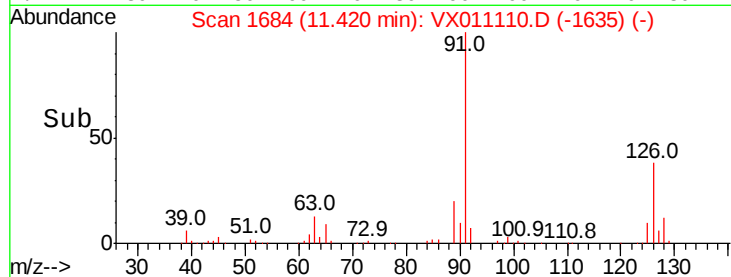
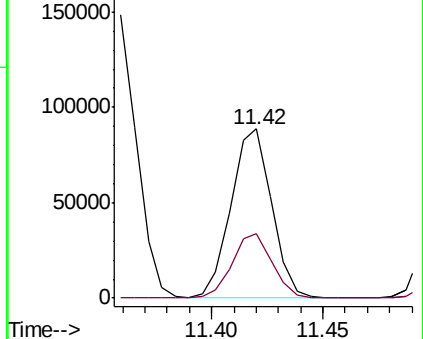
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.202 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011110.D

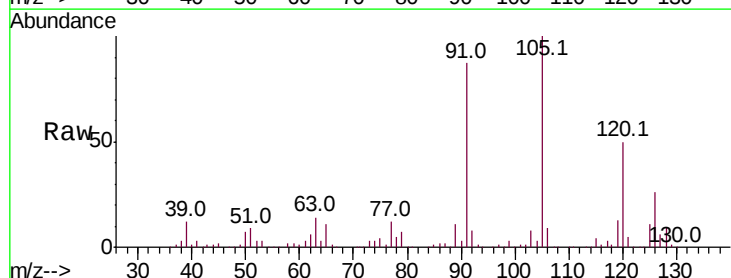
Acq: 26 Jul 2019 23:59

Tgt Ion:105 Resp: 143858

Ion Ratio Lower Upper

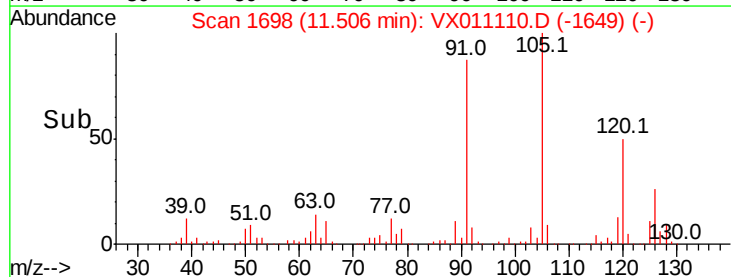
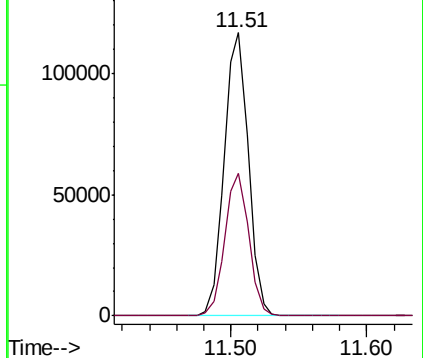
105 100

120 49.9 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: 16.749 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

Tot Ion: 75 Resp: 13112

Ion Ratio Lower Upper

75 100

53 109.9 76.7 115.1

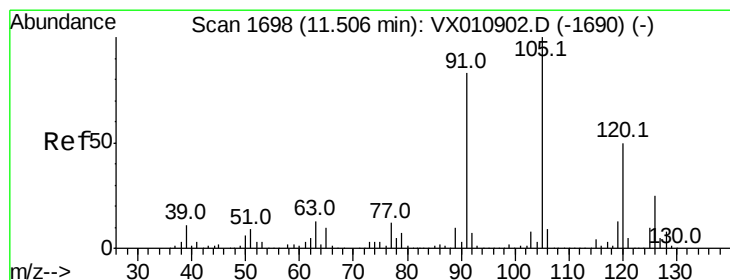
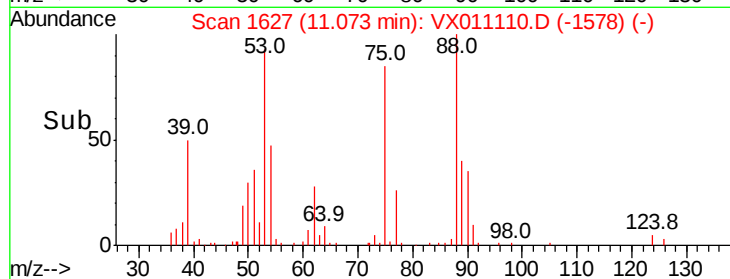
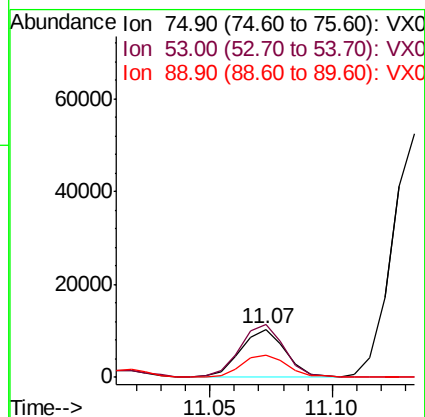
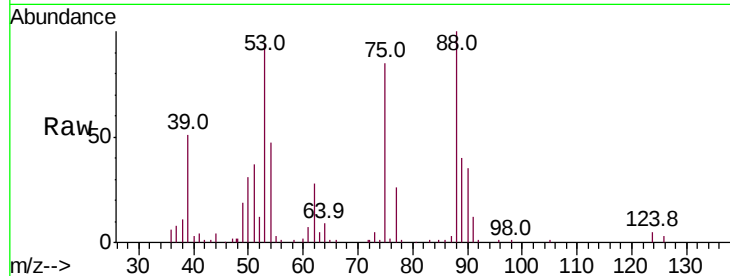
89 47.9 38.5 57.7

Manual Integrations

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#82

4-Chlorotoluene

Concen: 19.117 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011110.D

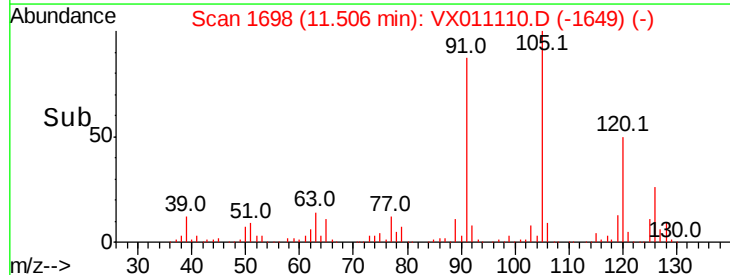
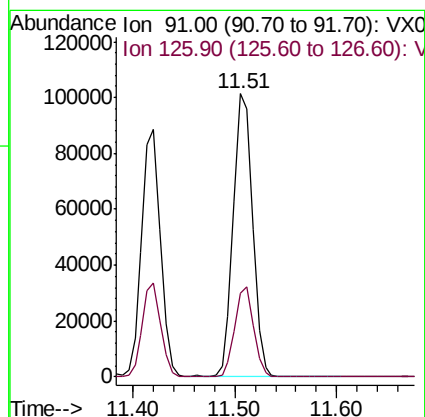
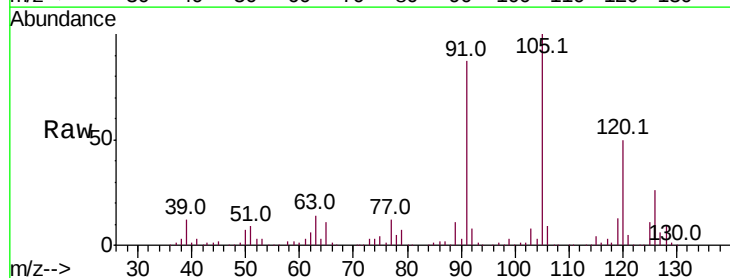
Acq: 26 Jul 2019 23:59

Tgt Ion: 91 Resp: 132408

Ion Ratio Lower Upper

91 100

126 30.9 15.9 47.7





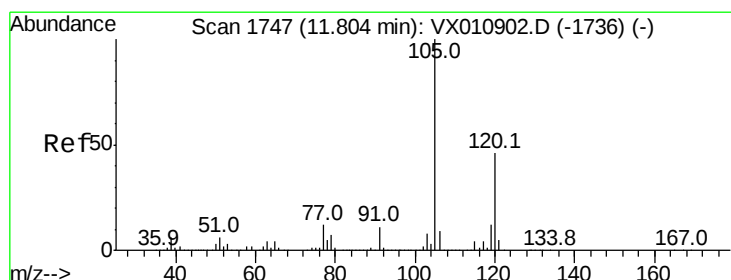
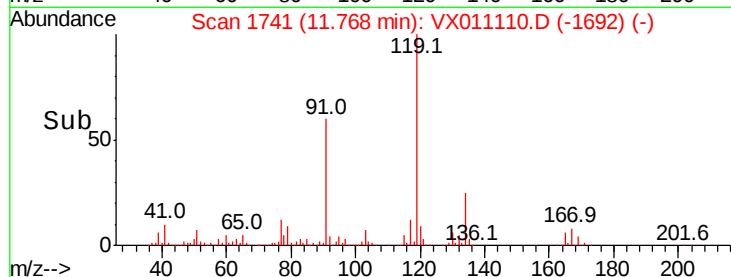
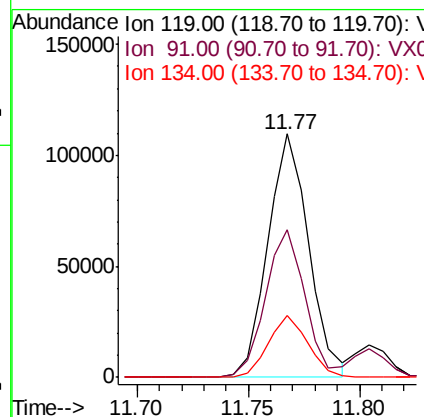
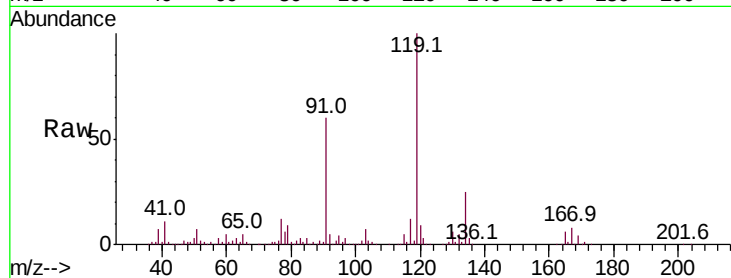
#83
 tert-Butylbenzene
 Concen: 18.991 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011110.D
 Acq: 26 Jul 2019 23:59

Instrument :
 MSVOA_X
 ClientSampled :
 VX0726WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	139745		
91	59.1	28.6	85.8	
134	24.4	11.6	34.8	

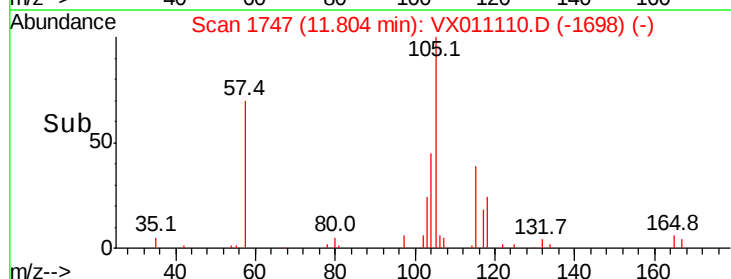
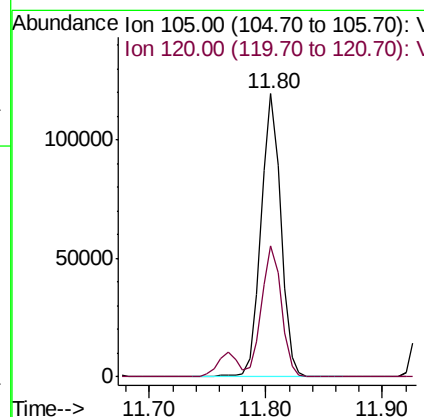
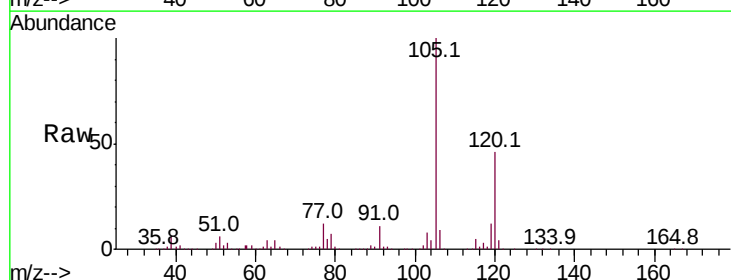
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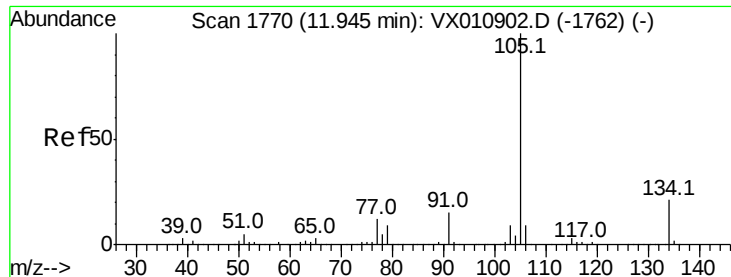
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.961 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011110.D
 Acq: 26 Jul 2019 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	143174		
120	46.4	22.9	68.5	





#85

sec-Butylbenzene

Concen: 19.365 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS02

Tot Ion:105 Resp: 166972

Ion Ratio Lower Upper

105 100

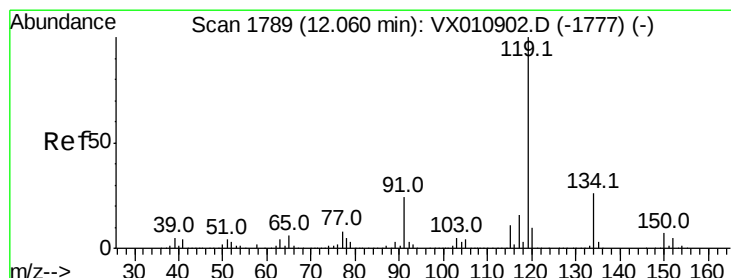
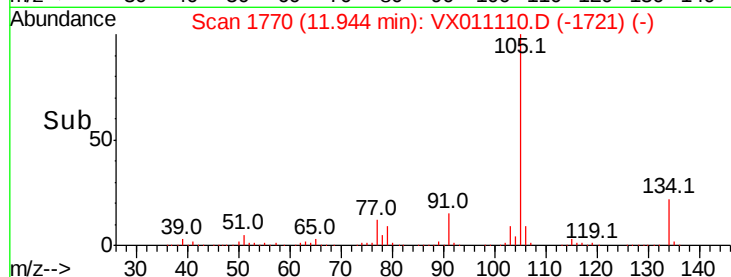
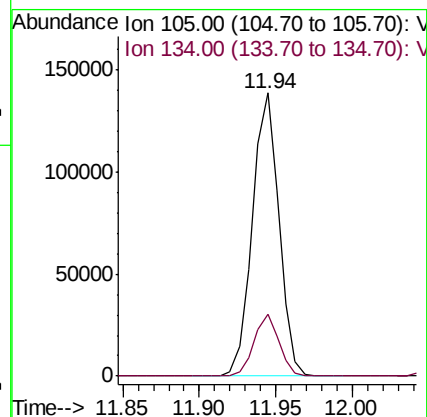
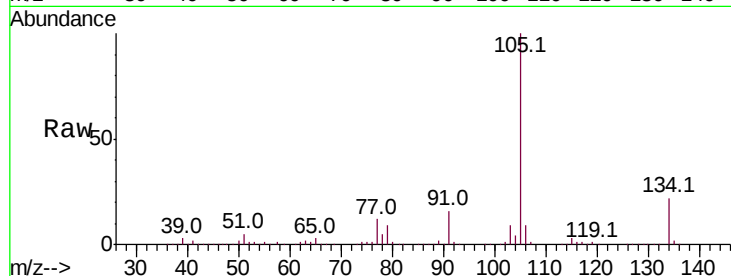
134 20.6 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 18.890 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011110.D

Acq: 26 Jul 2019 23:59

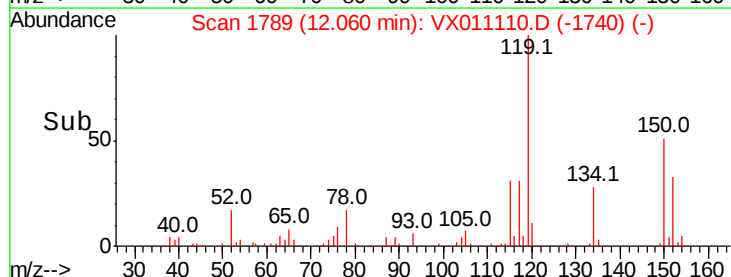
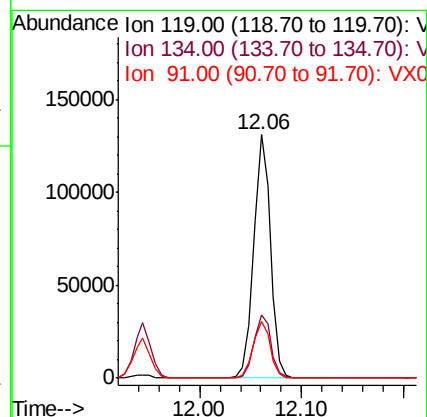
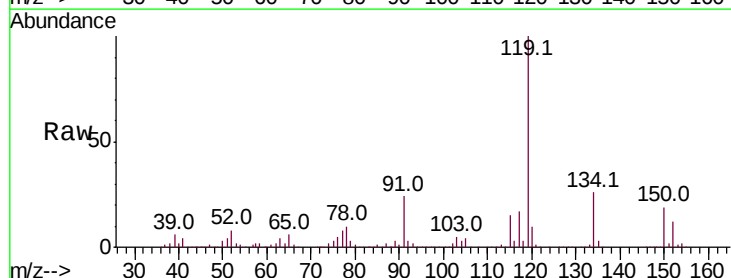
Tgt Ion:119 Resp: 150580

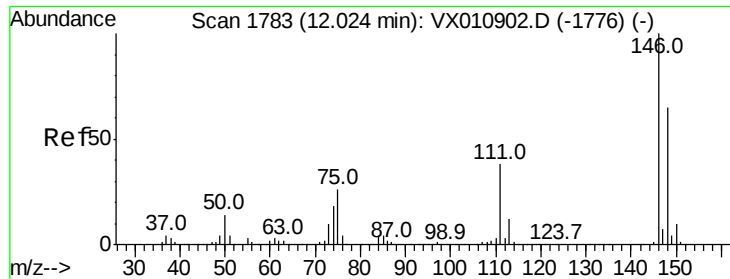
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 24.1 11.8 35.4





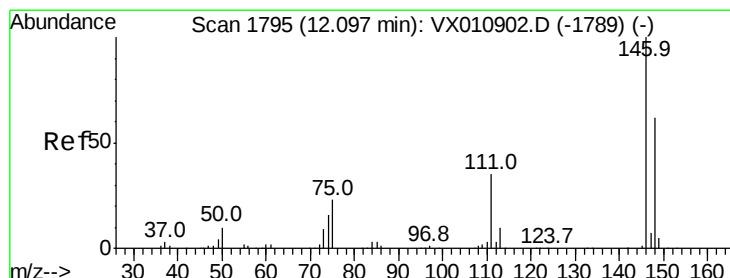
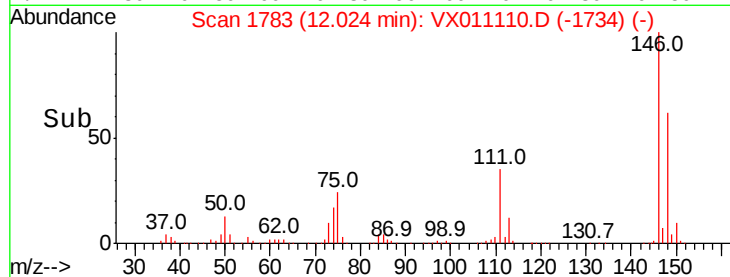
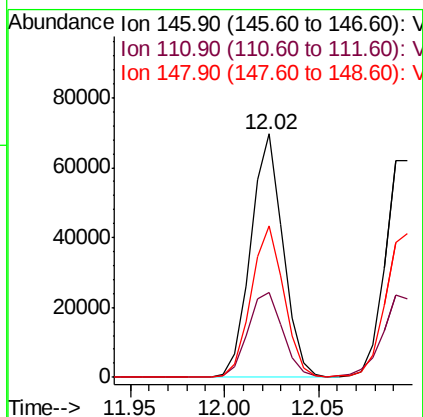
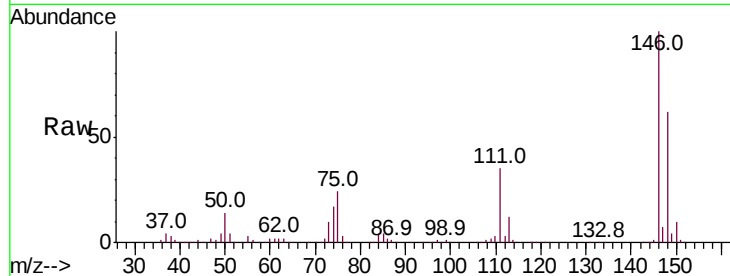
#87
 1,3-Dichlorobenzene
 Concen: 19.313 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011110.D
 Acq: 26 Jul 2019 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.9
148	62.7	32.2	96.6

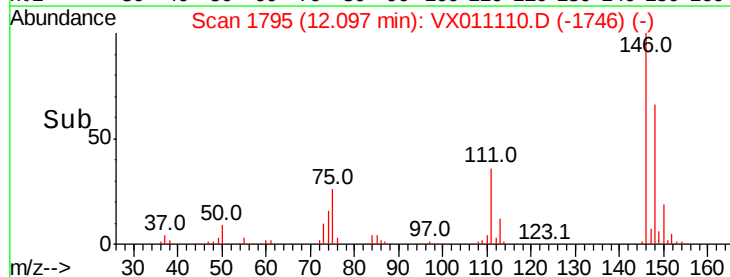
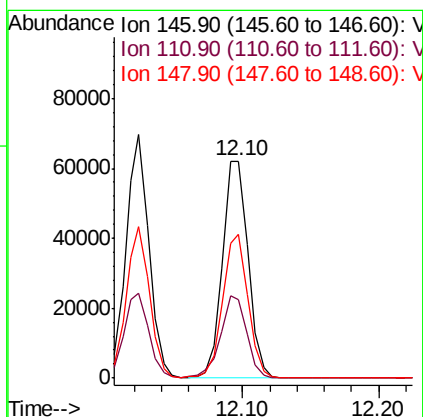
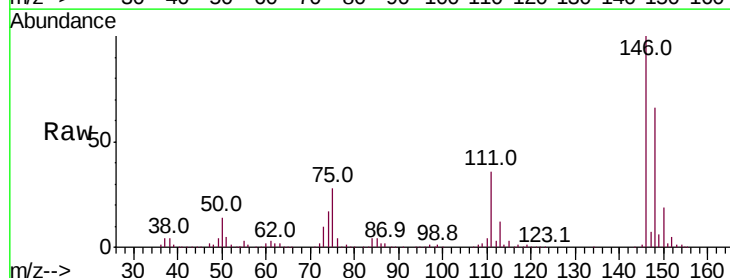
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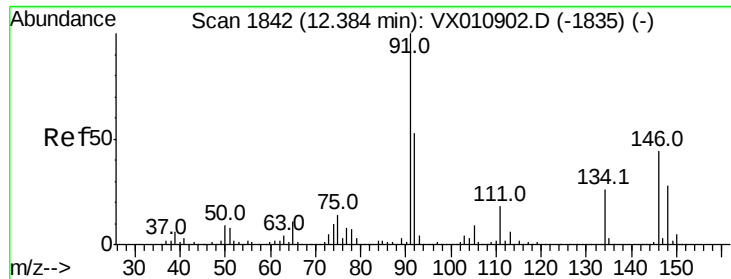
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#88
 1,4-Dichlorobenzene
 Concen: 18.425 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011110.D
 Acq: 26 Jul 2019 23:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.6	55.8
148	65.3	31.6	94.7





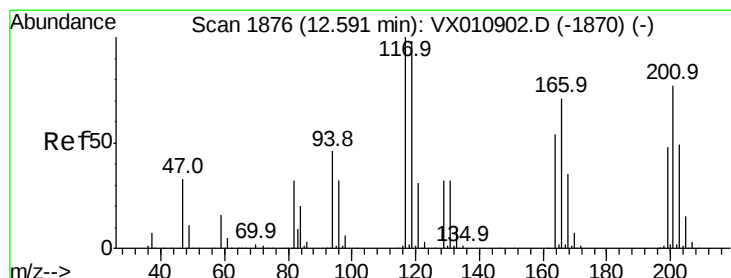
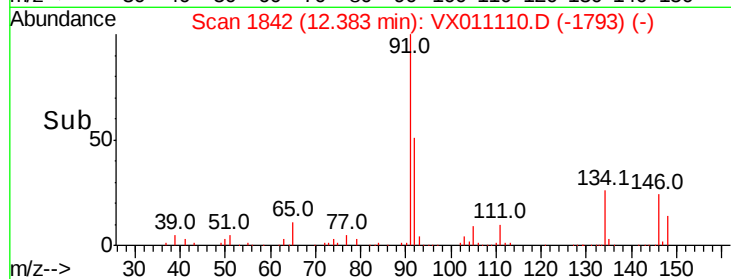
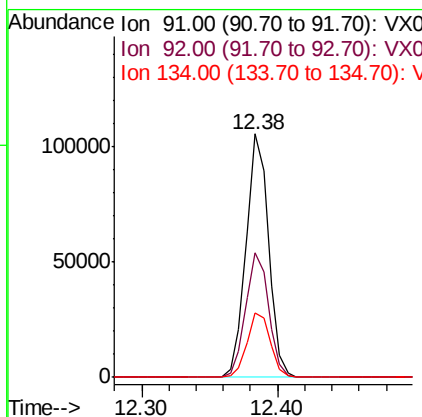
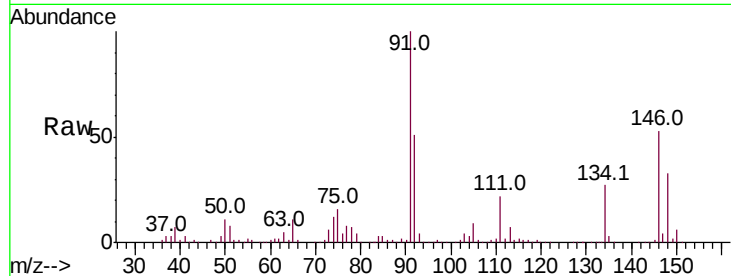
#89
n-Butylbenzene
Concen: 18.053 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.2	78.5
134	27.1	13.8	41.3

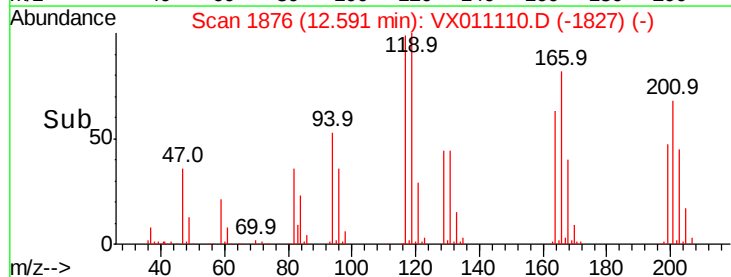
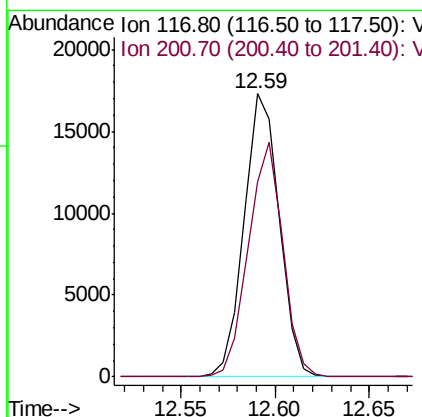
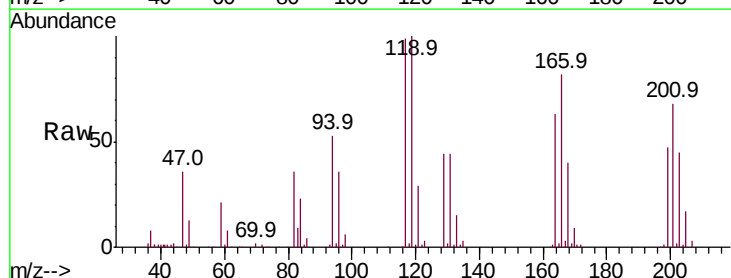
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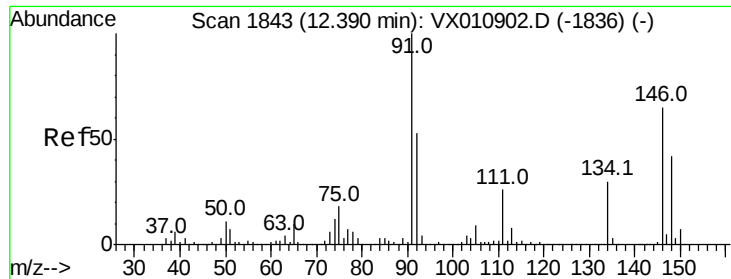
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#90
Hexachloroethane
Concen: 17.873 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.2	43.3	129.8





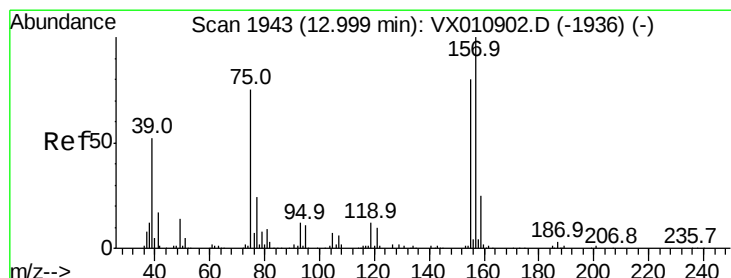
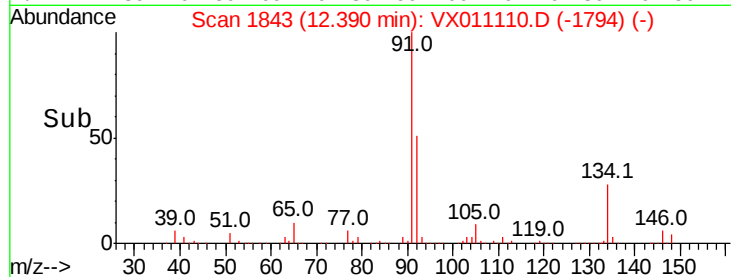
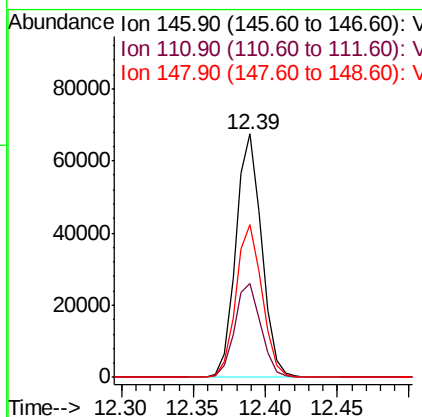
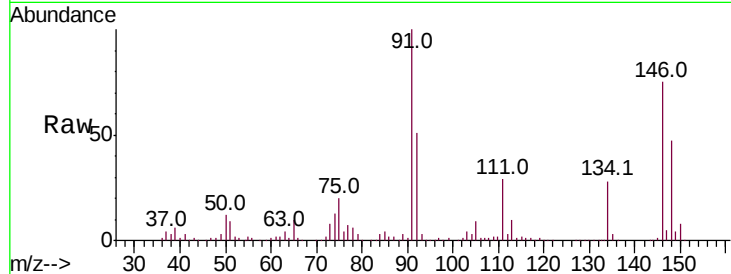
#91
 1,2-Dichlorobenzene
 Concen: 19.829 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011110.D
 Acq: 26 Jul 2019 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.9	59.7
148	63.2	32.0	96.2

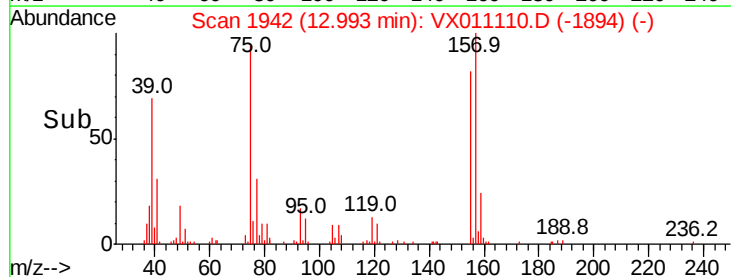
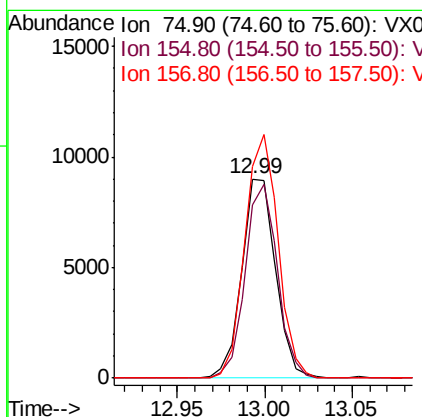
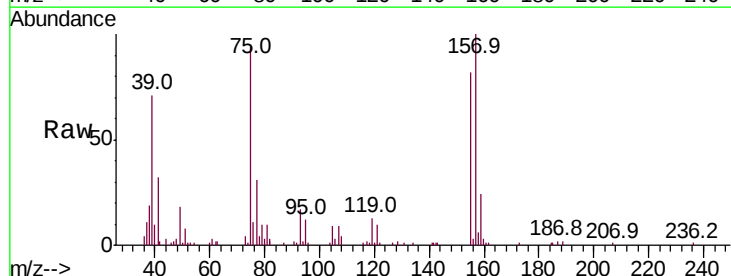
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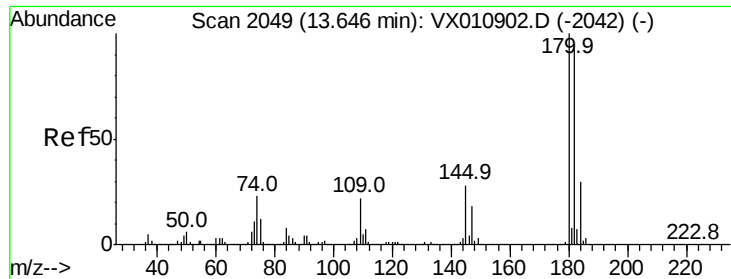
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.786 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011110.D
 Acq: 26 Jul 2019 23:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.6	48.7	146.1
157	119.5	62.5	187.6





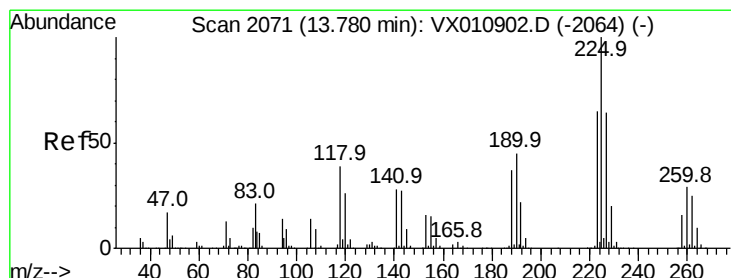
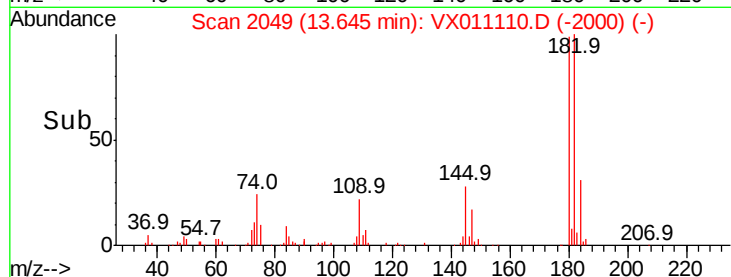
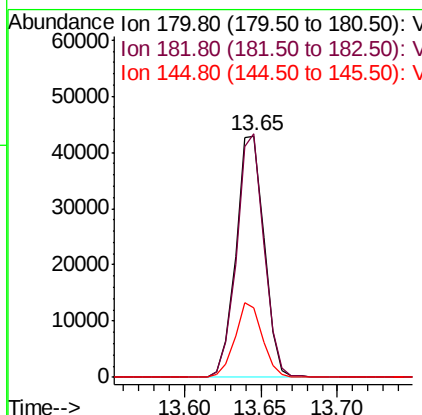
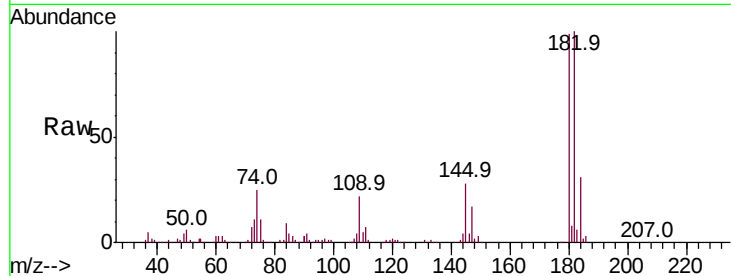
#93
1,2,4-Trichlorobenzene
Concen: 19.022 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.6	47.1	141.3	
145	29.7	14.8	44.4	

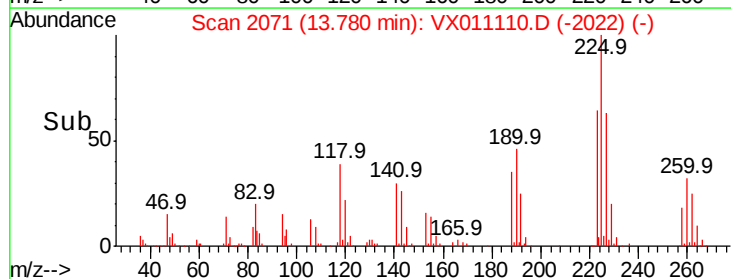
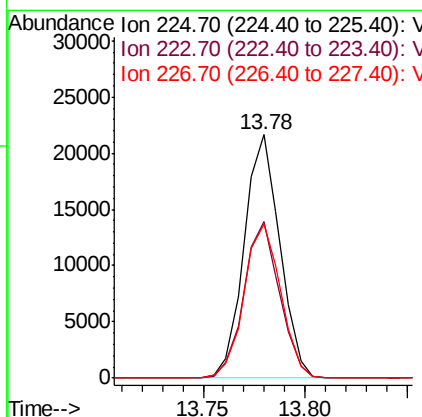
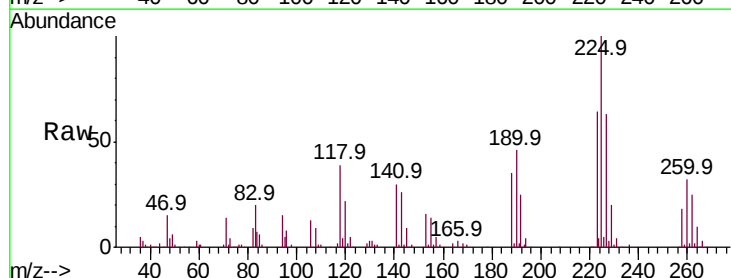
Manual Integrations
APPROVED

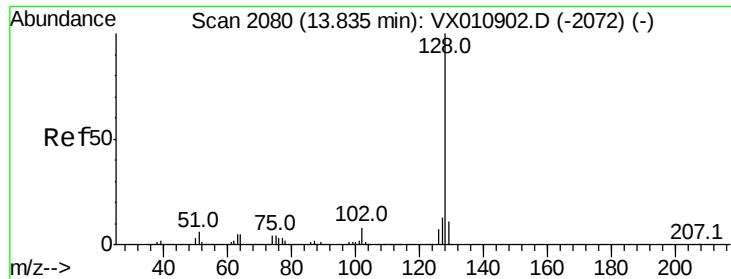
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#94
Hexachlorobutadiene
Concen: 18.387 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	31.9	95.9	
227	65.0	32.5	97.4	





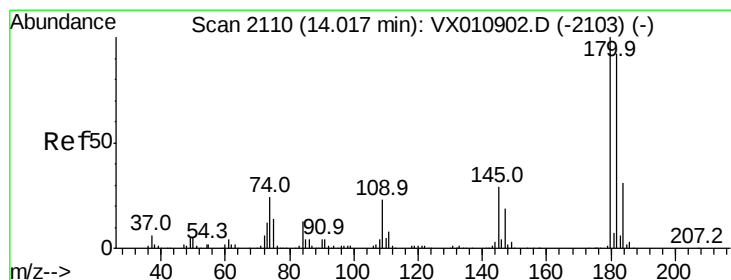
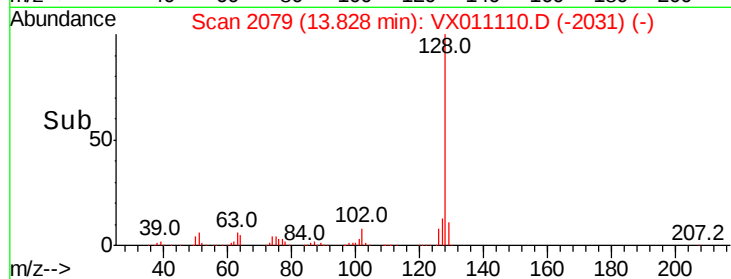
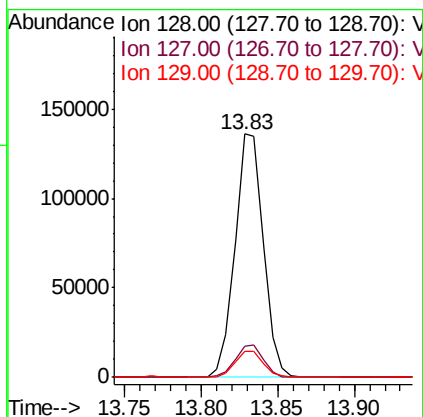
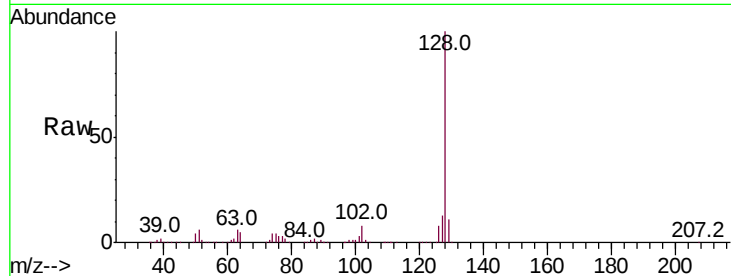
#95
Naphthalene
Concen: 20.607 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.981 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011110.D
Acq: 26 Jul 2019 23:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.3
145	31.0	15.1	45.3

