

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080119\
 Data File : VX011260.D
 Acq On : 01 Aug 2019 15:22
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:06:52 AM

Quant Time: Aug 02 01:38:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:21:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	139565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	203281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	182556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	8121	5.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.08%	
35) Dibromofluoromethane	5.49	113	7243	5.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.22%	
50) Toluene-d8	8.71	98	27288	5.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.30%	
62) 4-Bromofluorobenzene	11.13	95	8555	4.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	5386	4.366	ug/l	86
3) Chloromethane	1.32	50	6751	5.334	ug/l	97
4) Vinyl Chloride	1.40	62	7347	5.628	ug/l	91
5) Bromomethane	1.63	94	5776	7.353	ug/l	92
6) Chloroethane	1.71	64	5030	5.970	ug/l #	88
7) Trichlorofluoromethane	1.92	101	13284	5.910	ug/l	94
8) Diethyl Ether	2.18	74	4720	6.079	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7362	5.791	ug/l	97
10) Methyl Iodide	2.50	142	7091	4.264	ug/l	99
11) Tert butyl alcohol	3.04	59	9682	28.548	ug/l	100
12) 1,1-Dichloroethene	2.37	96	6877	5.530	ug/l	97
13) Acrolein	2.28	56	5899	30.135	ug/l	97
14) Allyl chloride	2.71	41	8783	4.869	ug/l	96
15) Acrylonitrile	3.14	53	18429	26.292	ug/l	99
16) Acetone	2.43	43	18345	27.340	ug/l	100
17) Carbon Disulfide	2.56	76	14723	4.654	ug/l	98
18) Methyl Acetate	2.76	43	8284	5.361	ug/l	91
19) Methyl tert-butyl Ether	3.18	73	19778	4.947	ug/l	99
20) Methylene Chloride	2.85	84	8101	5.668	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	7346	5.522	ug/l	93
22) Diisopropyl ether	3.84	45	20022	5.252	ug/l #	82
23) Vinyl Acetate	3.81	43	77113	23.861	ug/l	100
24) 1,1-Dichloroethane	3.69	63	12226	5.499	ug/l	96
25) 2-Butanone	4.67	43	25796	26.708	ug/l	97
26) 2,2-Dichloropropane	4.57	77	8616	4.754	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	8433	5.488	ug/l	98
28) Bromochloromethane	5.00	49	5096	4.917	ug/l	92
29) Tetrahydrofuran	5.12	42	15612	25.560	ug/l	99
30) Chloroform	5.21	83	12571	5.227	ug/l	99
31) Cyclohexane	5.57	56	10159	5.096	ug/l	88
32) 1,1,1-Trichloroethane	5.48	97	10271	4.951	ug/l	97
36) 1,1-Dichloropropene	5.79	75	9258	5.484	ug/l	98
37) Ethyl Acetate	4.83	43	8717	5.089	ug/l #	90
38) Carbon Tetrachloride	5.78	117	8486	4.832	ug/l	93

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

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 ClientSampleId :
 VSTDIC005

Manual Integrations
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Quant Time: Aug 02 01:38:00 2019
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 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:21:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	11174	5.184	ug/l	97
40) Benzene	6.13	78	27840	5.384	ug/l	100
41) Methacrylonitrile	5.04	41	4706	4.786	ug/l #	88
42) 1,2-Dichloroethane	6.18	62	9646	5.391	ug/l	94
43) Isopropyl Acetate	6.44	43	14098	4.994	ug/l	97
44) Trichloroethene	7.21	130	8537	5.569	ug/l	99
45) 1,2-Dichloropropane	7.51	63	7359	5.592	ug/l	97
46) Dibromomethane	7.66	93	5508	5.862	ug/l	91
47) Bromodichloromethane	7.89	83	8076	4.845	ug/l	90
48) Methyl methacrylate	7.77	41	6972	5.077	ug/l	92
49) 1,4-Dioxane	7.74	88	3998	103.507	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	47131	25.668	ug/l	98
52) Toluene	8.78	92	18482	5.436	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	7367	4.121	ug/l	92
54) cis-1,3-Dichloropropene	8.43	75	9124	4.577	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	7454	5.324	ug/l	97
56) Ethyl methacrylate	9.18	69	9932	4.886	ug/l	95
57) 1,3-Dichloropropane	9.37	76	12355	5.583	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	27208	27.932	ug/l	100
59) 2-Hexanone	9.49	43	36233	25.442	ug/l	100
60) Dibromochloromethane	9.58	129	6565	4.645	ug/l	99
61) 1,2-Dibromoethane	9.67	107	7975	5.364	ug/l	89
64) Tetrachloroethene	9.34	164	8977	6.147	ug/l	92
65) Chlorobenzene	10.13	112	21467	5.645	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	6658	5.000	ug/l	97
67) Ethyl Benzene	10.25	91	34945	5.417	ug/l	96
68) m/p-Xylenes	10.36	106	26157	10.517	ug/l	93
69) o-Xylene	10.69	106	13138	5.430	ug/l	96
70) Styrene	10.71	104	20728	5.132	ug/l	99
71) Bromoform	10.85	173	4525	4.261	ug/l #	96
73) Isopropylbenzene	11.02	105	34348	5.364	ug/l	97
74) N-amyl acetate	10.90	43	10960	4.505	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	12009	5.727	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	9016m	5.277	ug/l	
77) Bromobenzene	11.26	156	9334	5.281	ug/l	97
78) n-propylbenzene	11.36	91	37658	5.328	ug/l	99
79) 2-Chlorotoluene	11.42	91	23120	5.459	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	28600	5.368	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	2353	3.818	ug/l #	83
82) 4-Chlorotoluene	11.51	91	26414	5.350	ug/l	98
83) tert-Butylbenzene	11.77	119	27866	5.309	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	27984	5.192	ug/l	100
85) sec-Butylbenzene	11.94	105	33202	5.390	ug/l	98
86) p-Isopropyltoluene	12.06	119	30054	5.273	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	17173	5.583	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	18267	5.795	ug/l	96
89) n-Butylbenzene	12.38	91	24707	5.067	ug/l	97
90) Hexachloroethane	12.59	117	3805	4.251	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	17148	5.619	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1918	4.417	ug/l	91

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

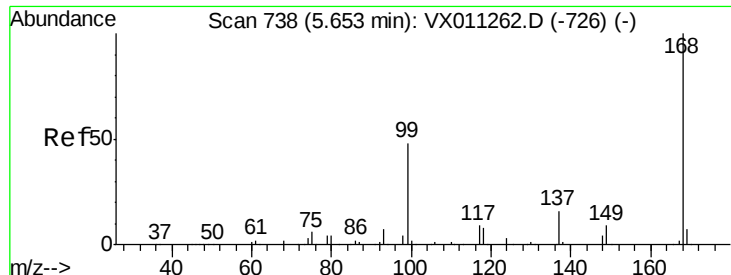
Manual Integrations
APPROVED

MMDadoda
8/2/2019 9:06:52 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:21:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	10628	5.154	ug/l	96
94) Hexachlorobutadiene	13.78	225	5626	5.485	ug/l	97
95) Naphthalene	13.83	128	29281	4.804	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	10774	5.240	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tgt Ion: 168 Resp: 139565

Ion Ratio Lower Upper

168 100

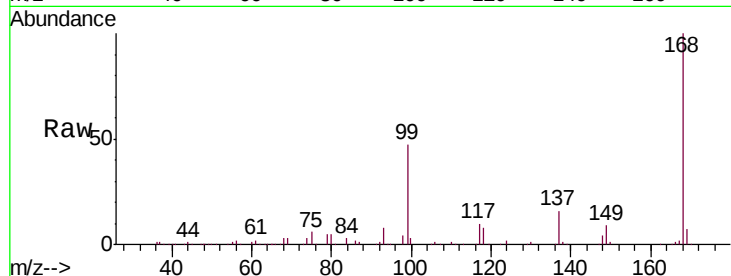
99 46.6 38.5 57.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

30000

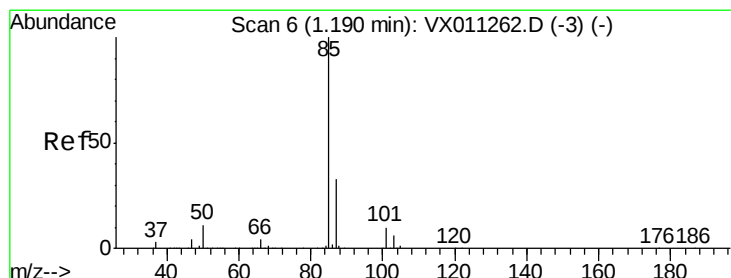
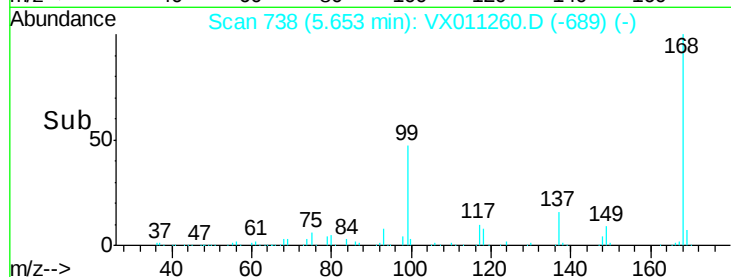
20000

10000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 4.366 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011260.D

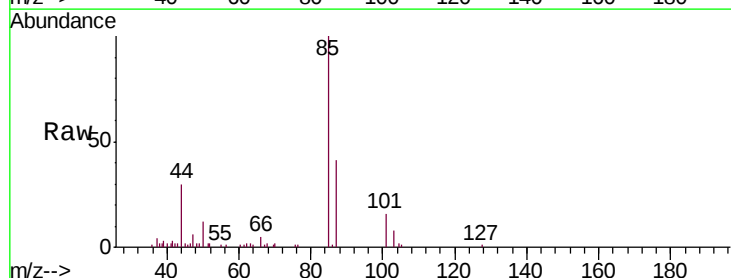
Acq: 01 Aug 2019 15:22

Tgt Ion: 85 Resp: 5386

Ion Ratio Lower Upper

85 100

87 40.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

6000

5000

4000

3000

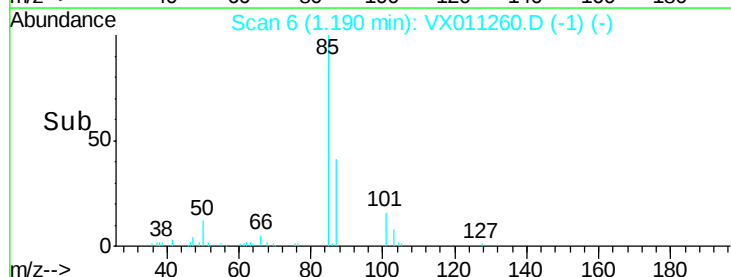
2000

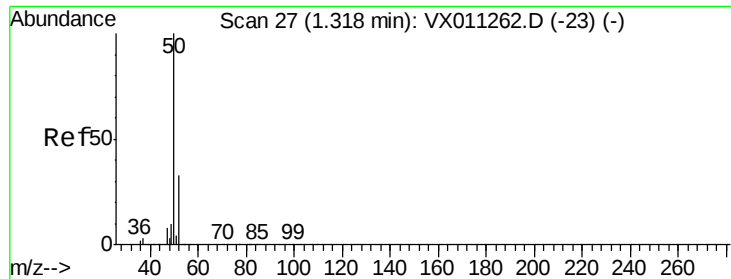
1000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 5.334 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 50 Resp: 6751

Ion Ratio Lower Upper

50 100

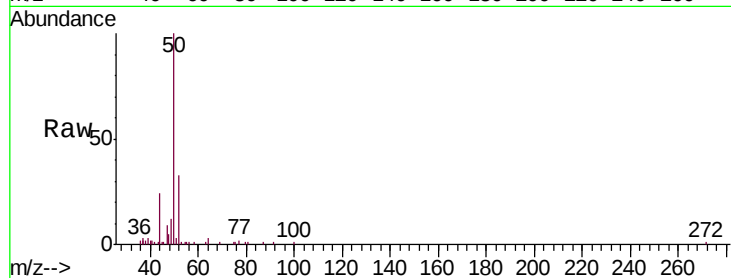
52 31.5 26.4 39.6

Manual Integrations

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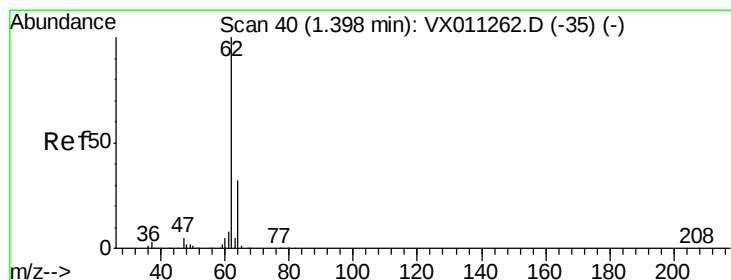
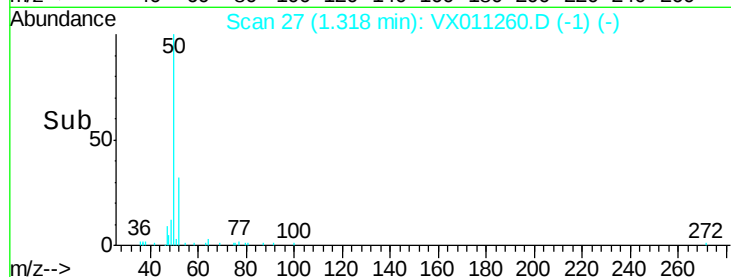
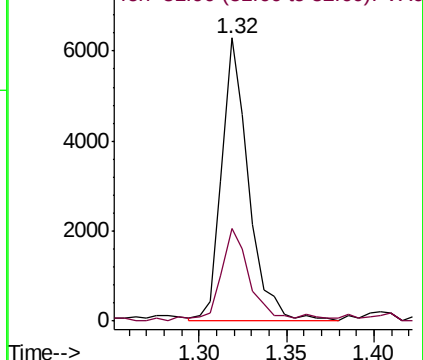
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 5.628 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011260.D

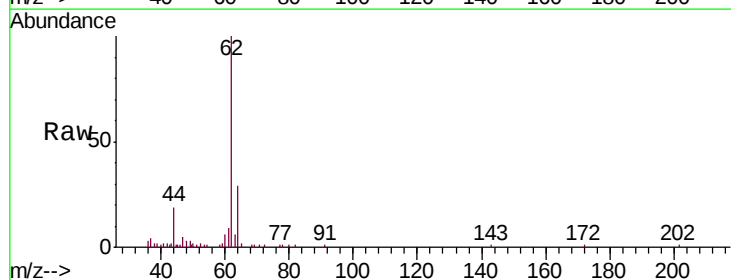
Acq: 01 Aug 2019 15:22

Tgt Ion: 62 Resp: 7347

Ion Ratio Lower Upper

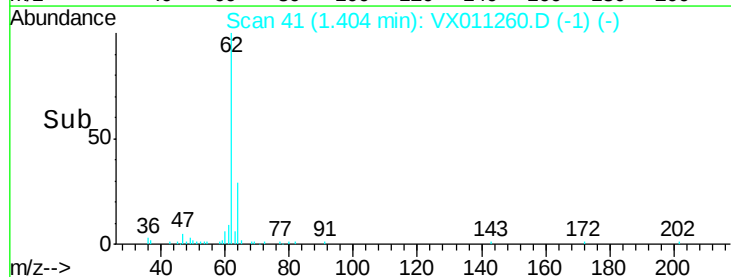
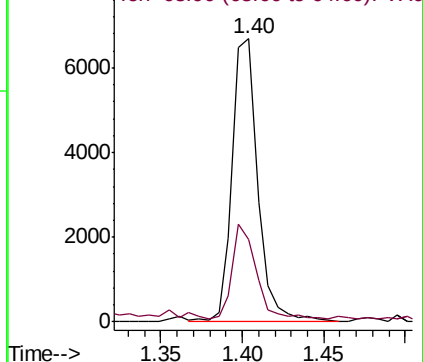
62 100

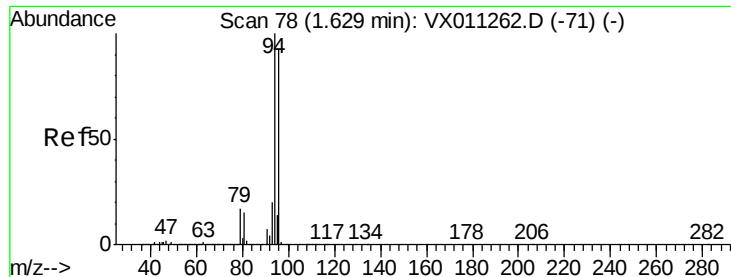
64 27.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 7.353 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 94 Resp: 5776

Ion Ratio Lower Upper

94 100

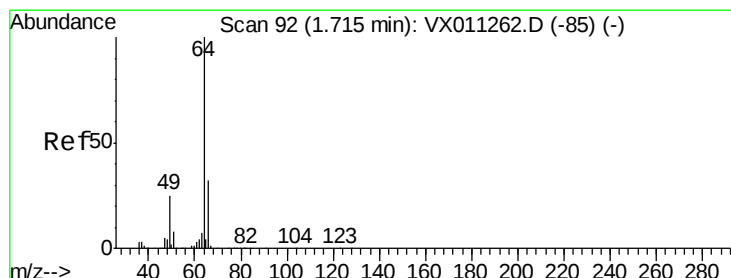
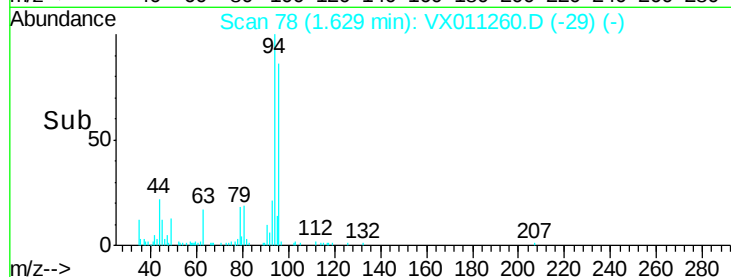
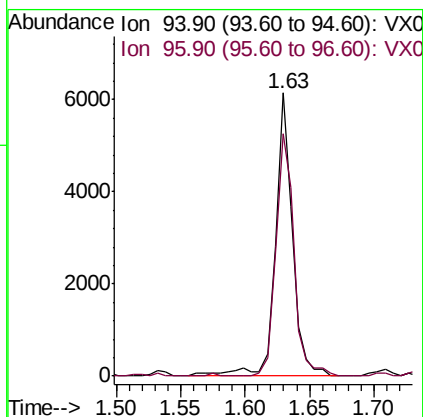
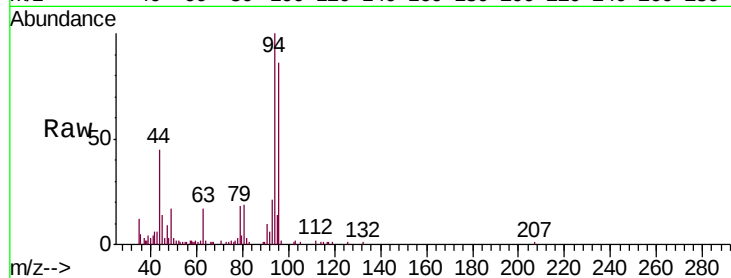
96 85.6 74.6 112.0

Manual Integrations

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8/2/2019 9:06:52 AM



#6

Chloroethane

Concen: 5.970 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011260.D

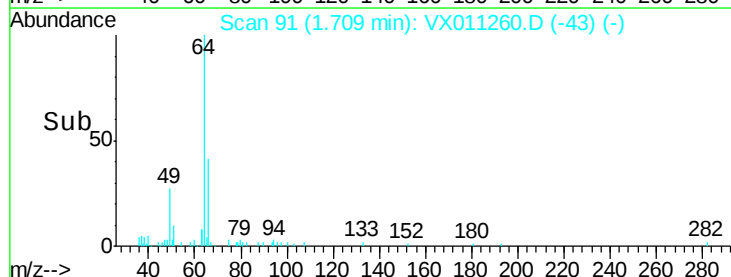
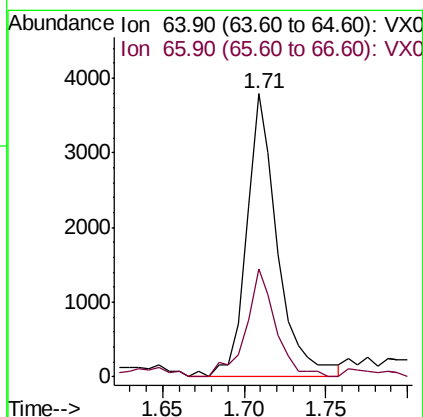
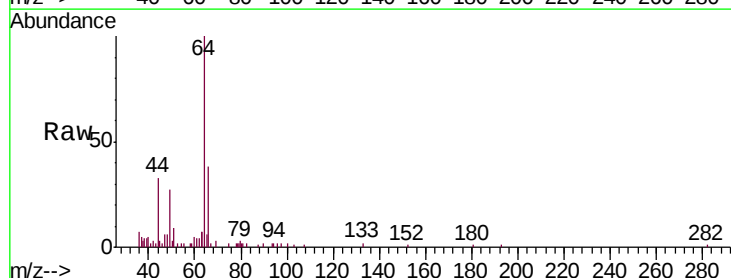
Acq: 01 Aug 2019 15:22

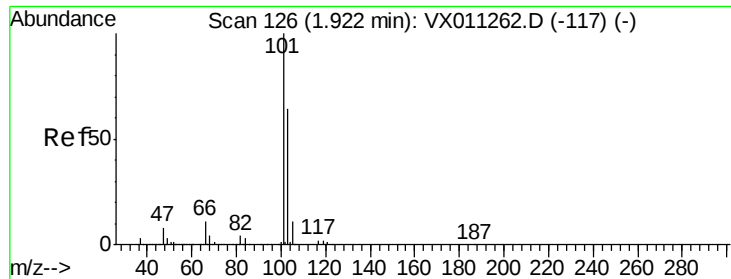
Tgt Ion: 64 Resp: 5030

Ion Ratio Lower Upper

64 100

66 37.9 25.1 37.7#





#7

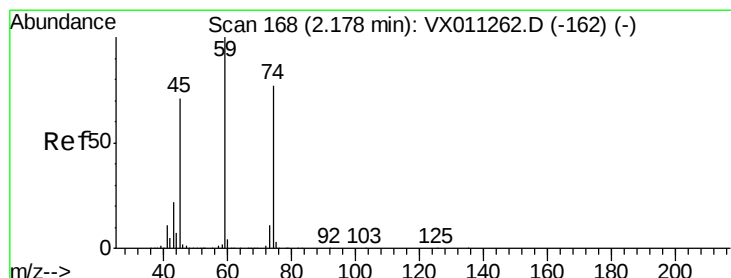
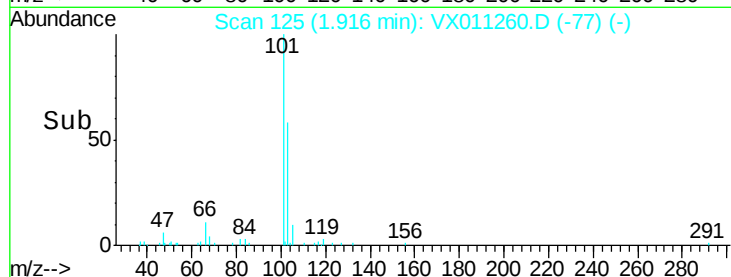
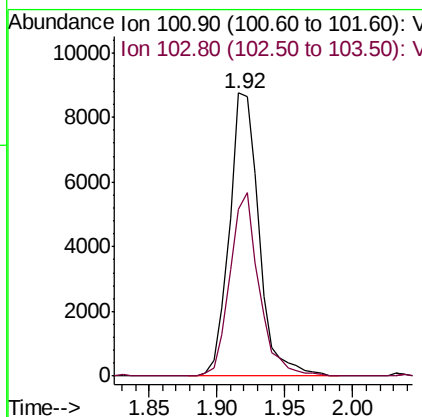
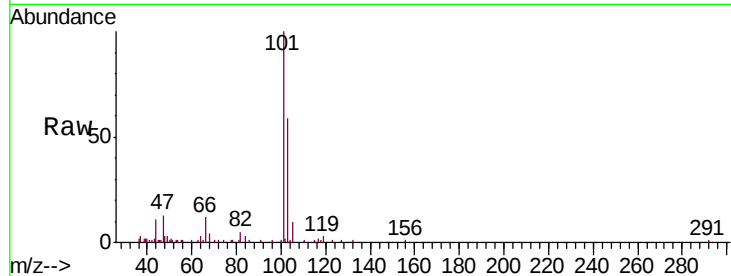
Trichlorofluoromethane
 Concen: 5.910 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
101	100		
103	58.8	50.9	76.3

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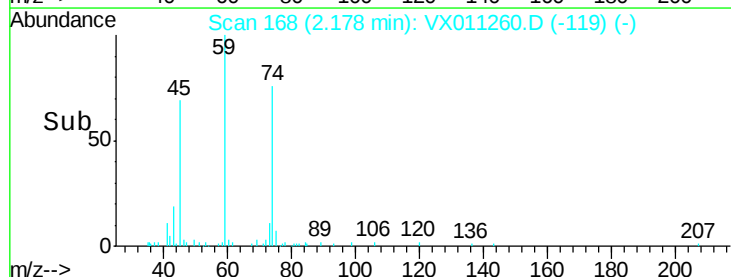
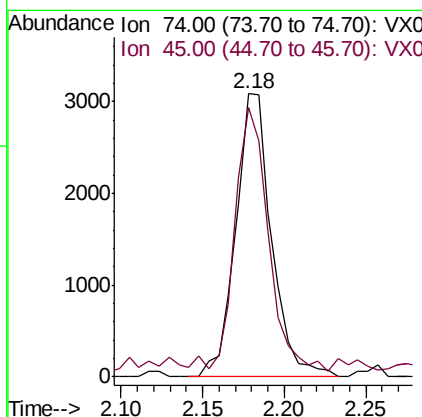
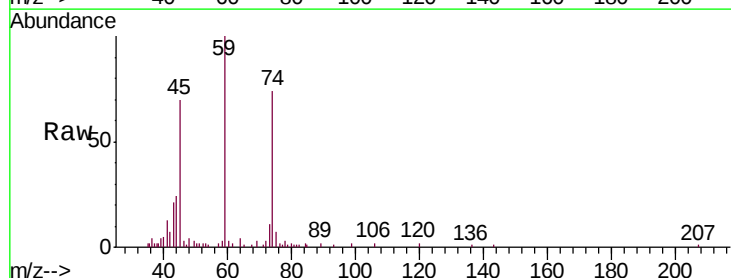
MMDadoda
 8/2/2019 9:06:52 AM

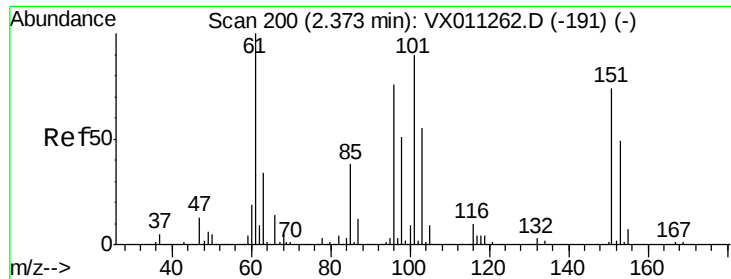


#8

Diethyl Ether
 Concen: 6.079 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.3	46.1	138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.791 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

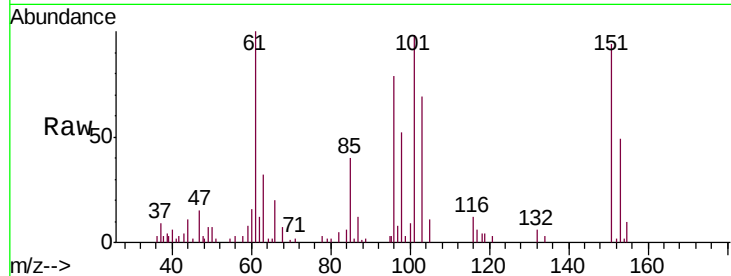
ClientSampleId :

VSTDIC005

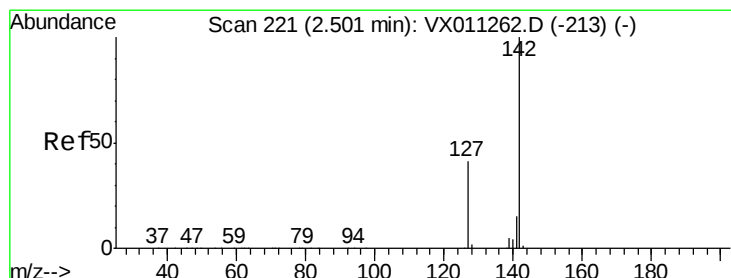
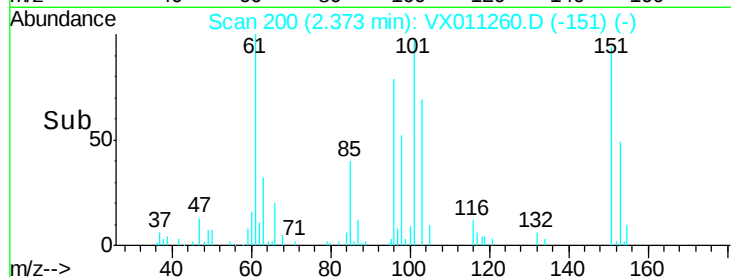
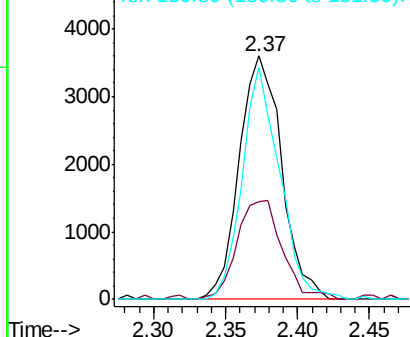
Tgt Ion:	101	Resp:	7362
Ion	Ratio	Lower	Upper
101	100		
85	43.6	33.8	50.6
151	84.3	69.5	104.3

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



#10

Methyl Iodide

Concen: 4.264 ug/l

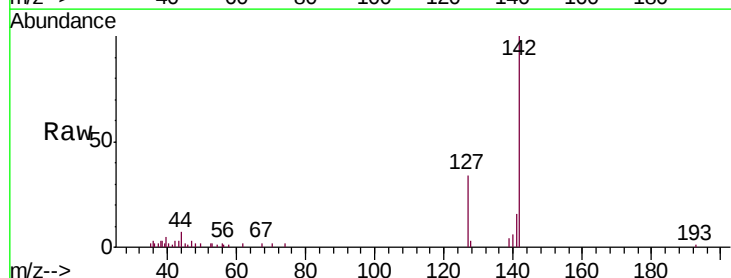
RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

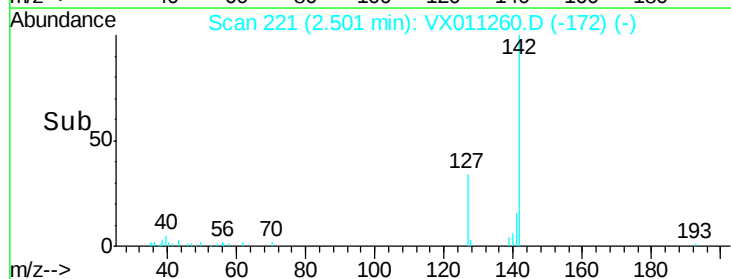
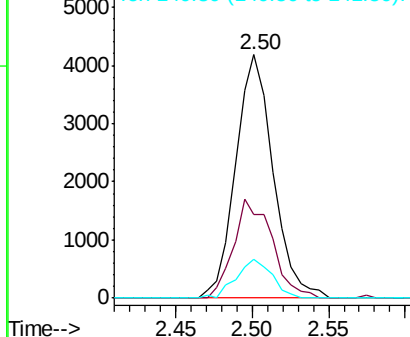
Lab File: VX011260.D

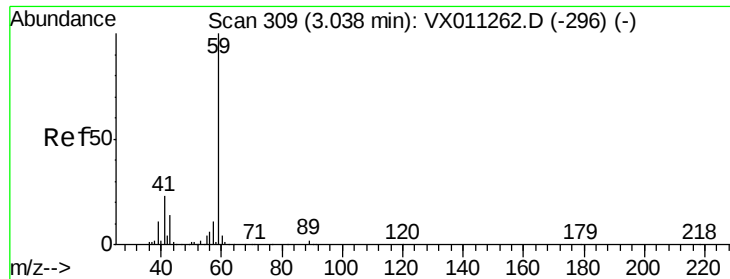
Acq: 01 Aug 2019 15:22

Tgt Ion:	142	Resp:	7091
Ion	Ratio	Lower	Upper
142	100		
127	41.6	33.8	50.8
141	15.1	11.4	17.2



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





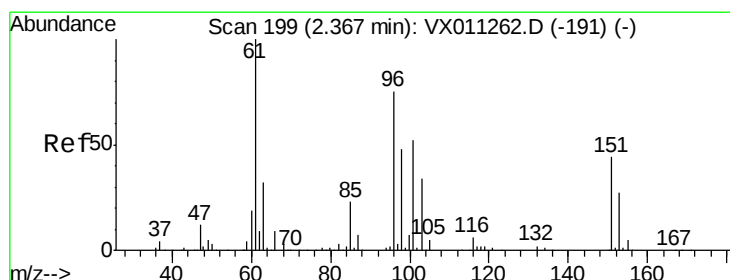
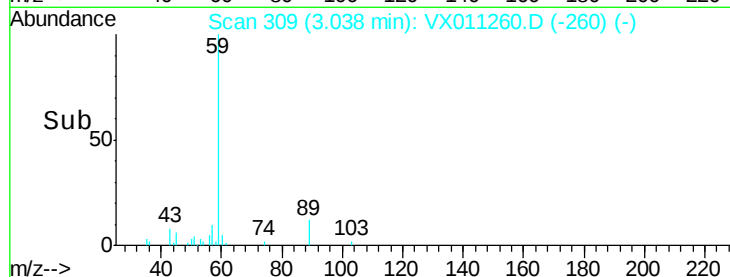
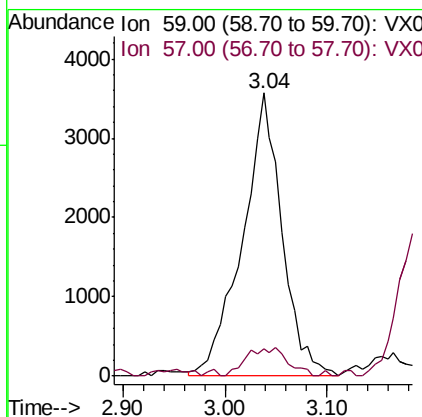
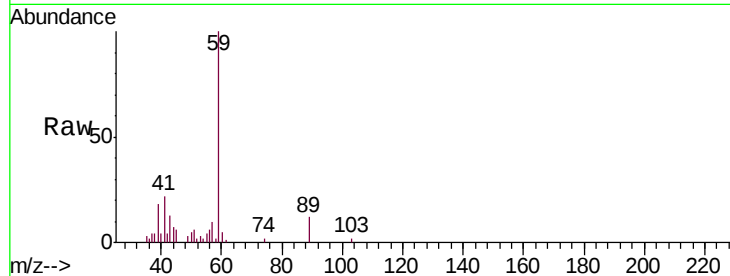
#11
Tert butyl alcohol
Concen: 28.548 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 9682
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

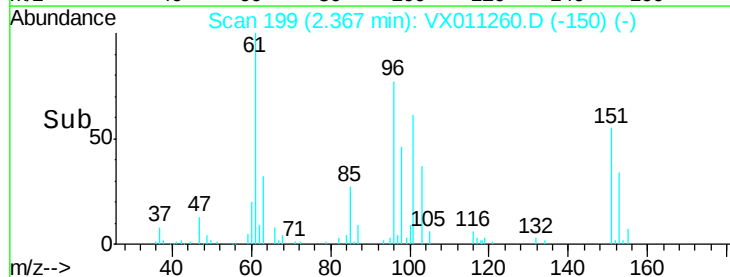
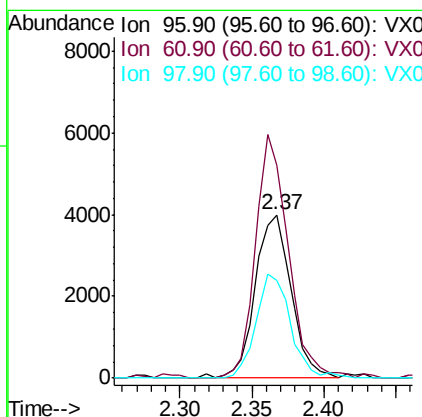
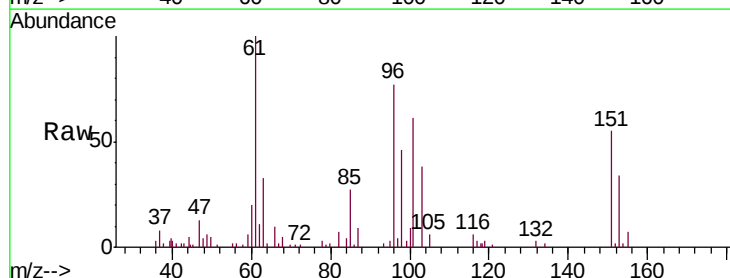
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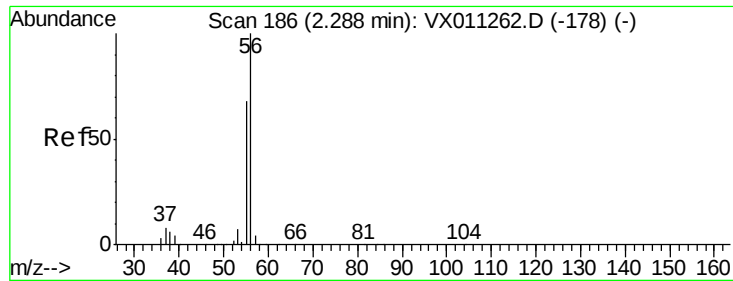
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#12
1,1-Dichloroethene
Concen: 5.530 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion: 96 Resp: 6877
Ion Ratio Lower Upper
96 100
61 130.7 106.2 159.2
98 59.9 50.6 75.8





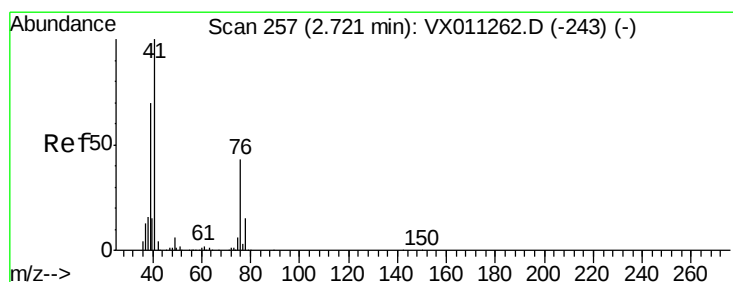
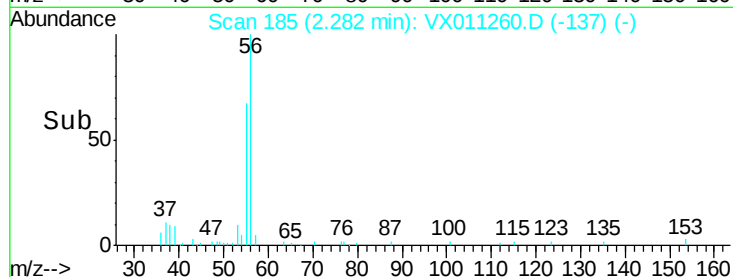
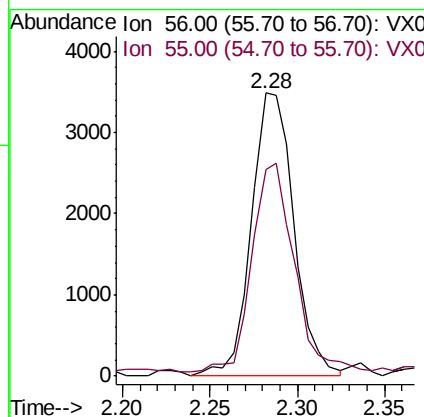
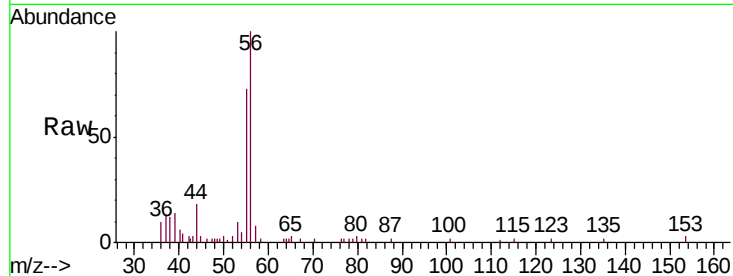
#13
Acrolein
Concen: 30.135 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
56	100		
55	72.6	56.0	84.0

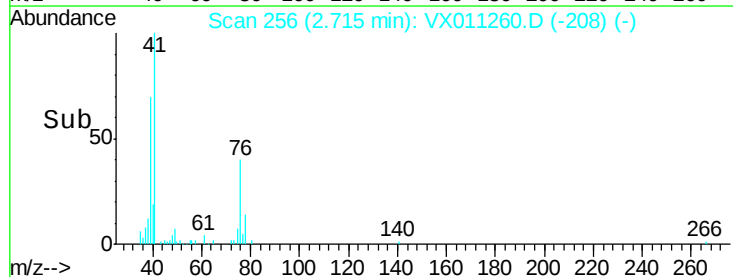
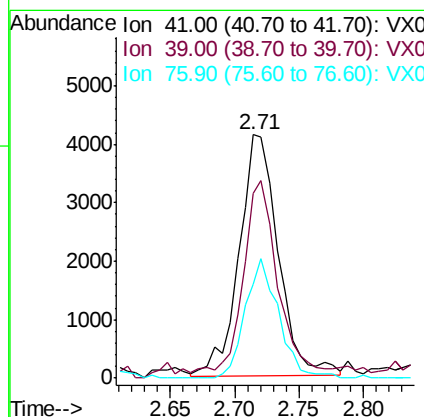
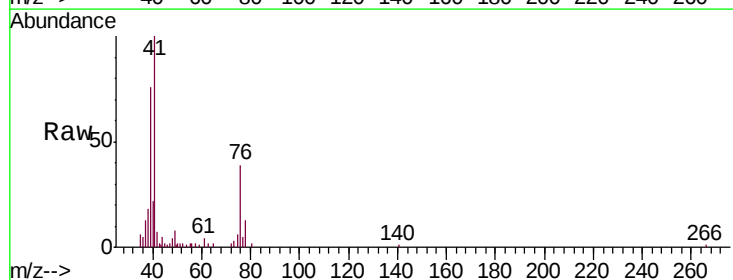
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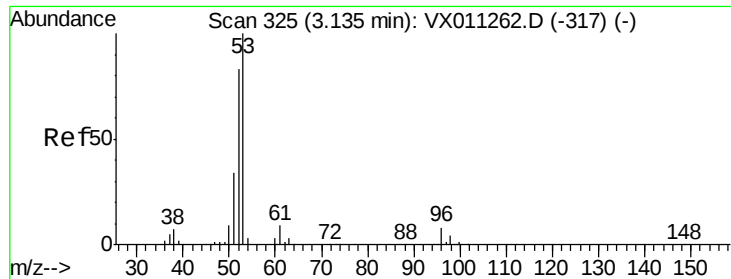
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#14
Allyl chloride
Concen: 4.869 ug/l
RT: 2.71 min Scan# 256
Delta R.T. -0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.6	52.8	79.2
76	41.8	31.1	46.7





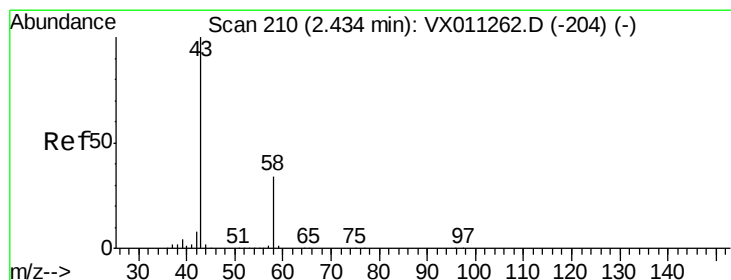
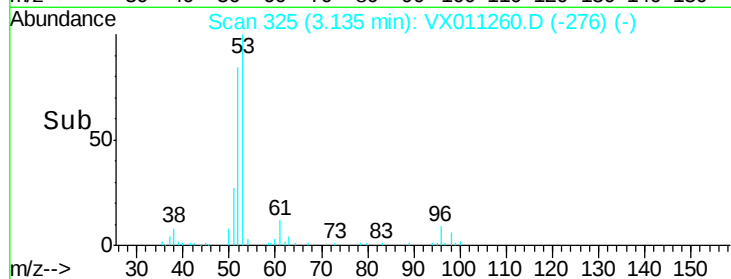
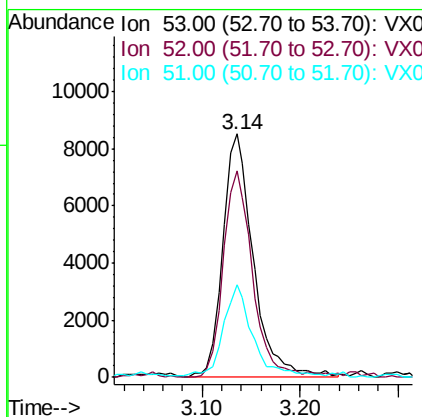
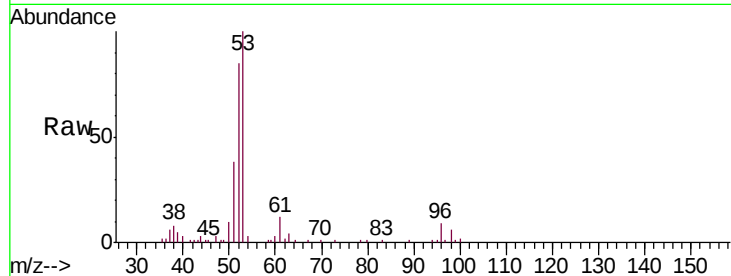
#15
 Acrylonitrile
 Concen: 26.292 ug/l
 RT: 3.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.5	98.3
51	36.6	27.9	41.9

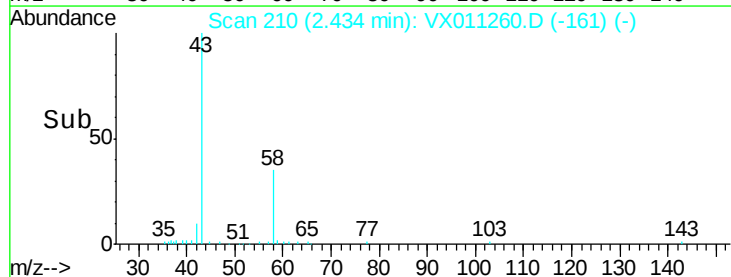
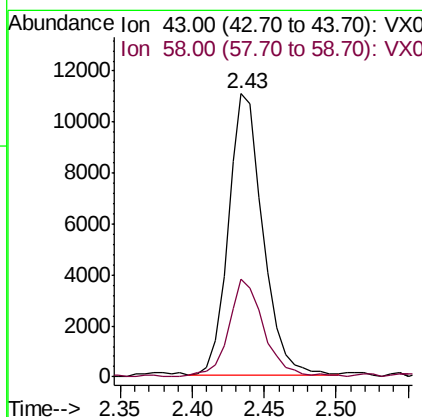
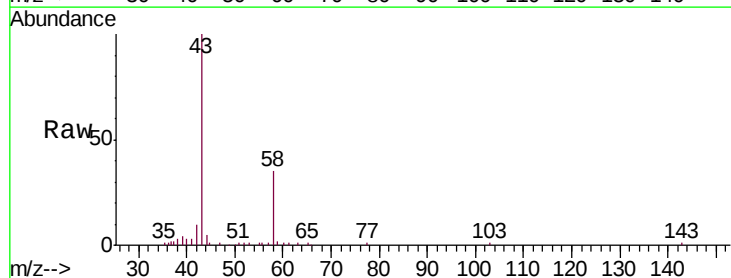
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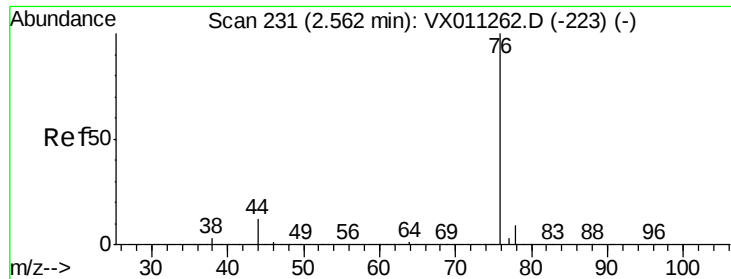
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#16
 Acetone
 Concen: 27.340 ug/l
 RT: 2.43 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.4	27.4	41.0





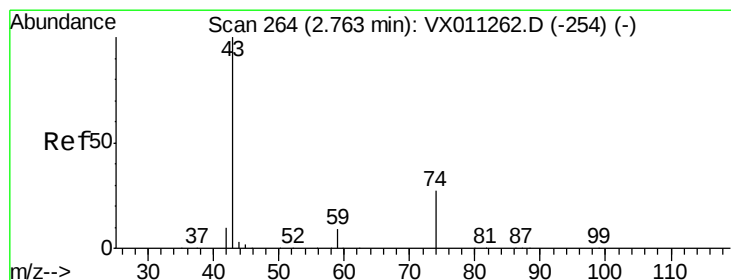
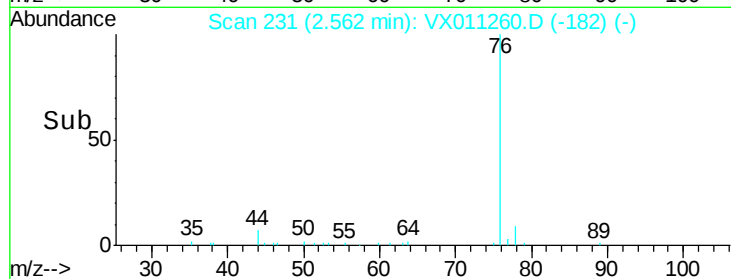
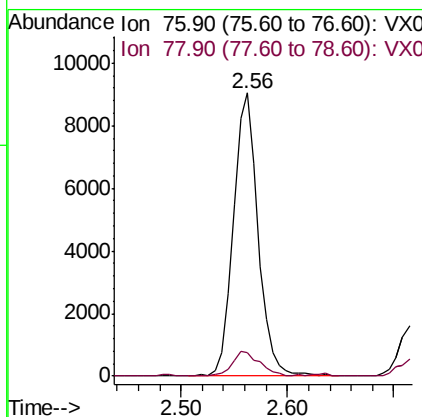
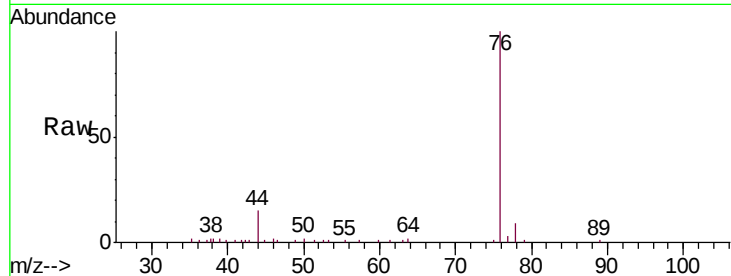
#17
Carbon Disulfide
Concen: 4.654 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 14723
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

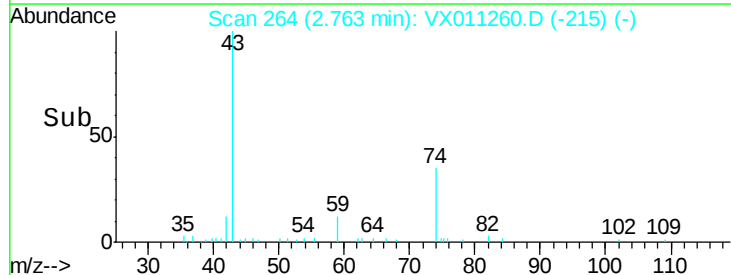
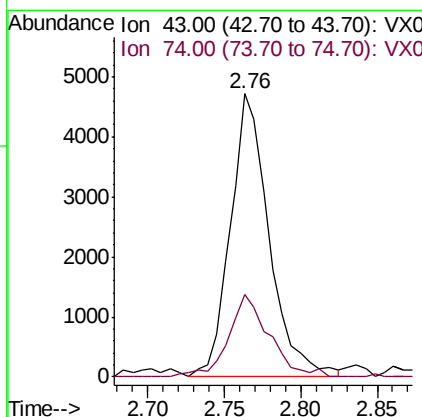
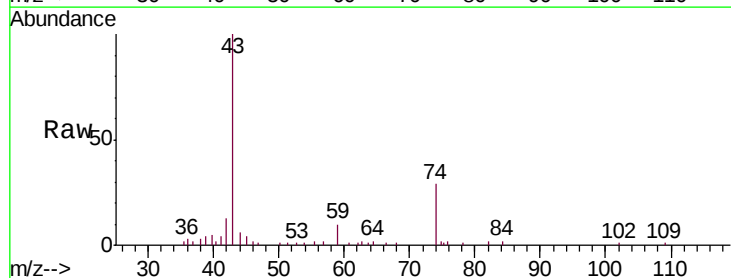
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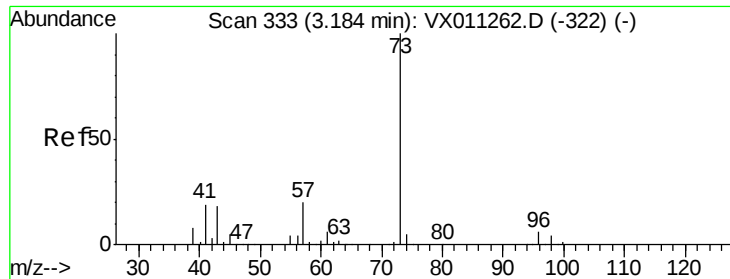
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#18
Methyl Acetate
Concen: 5.361 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion: 43 Resp: 8284
Ion Ratio Lower Upper
43 100
74 30.7 21.0 31.6





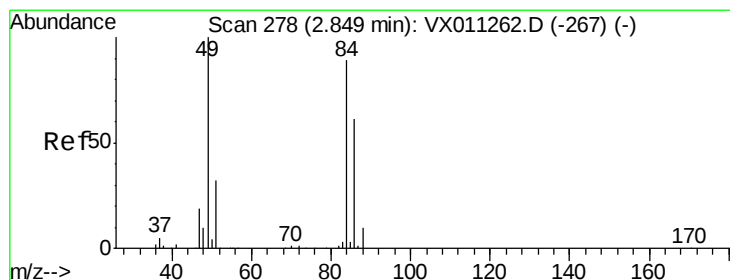
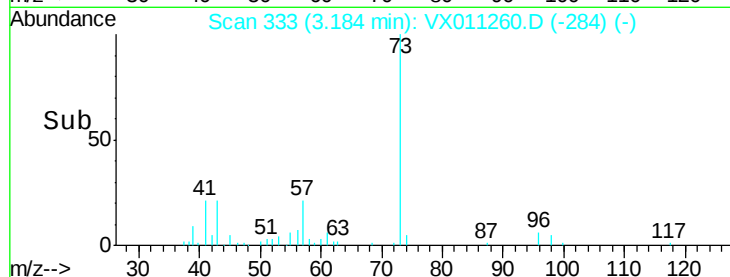
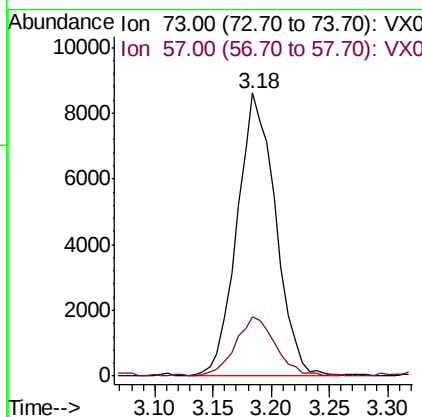
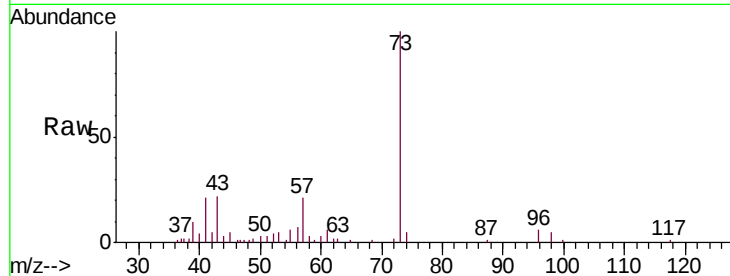
#19
Methyl tert-butyl Ether
Concen: 4.947 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 19778
Ion Ratio Lower Upper
73 100
57 20.8 16.2 24.2

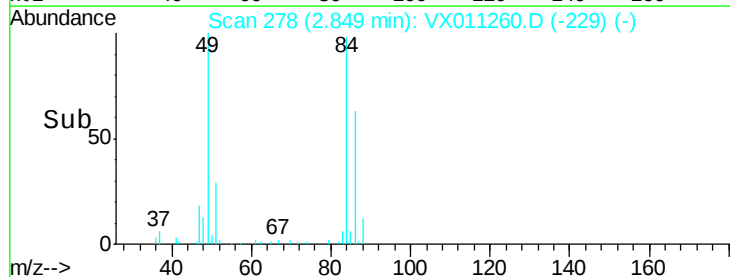
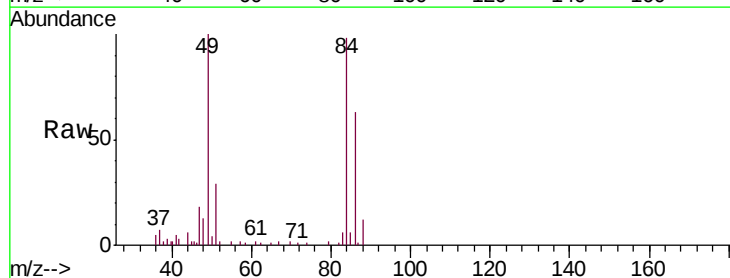
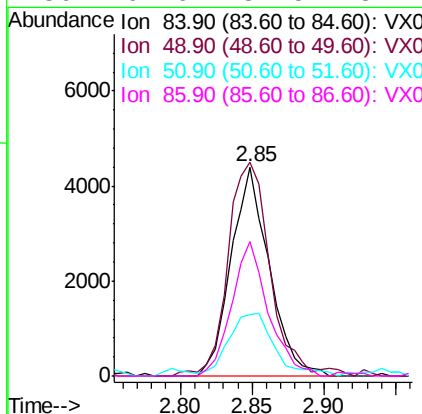
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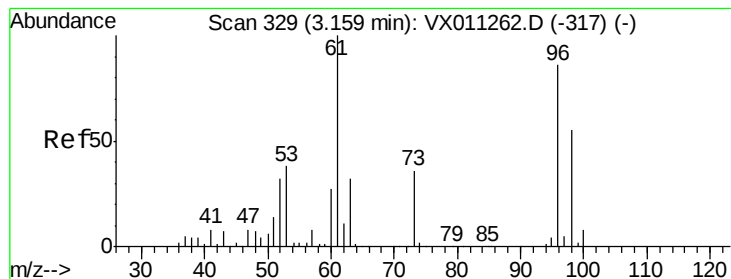
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#20
Methylene Chloride
Concen: 5.668 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion: 84 Resp: 8101
Ion Ratio Lower Upper
84 100
49 99.7 89.3 133.9
51 29.5 28.3 42.5
86 64.6 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 5.522 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

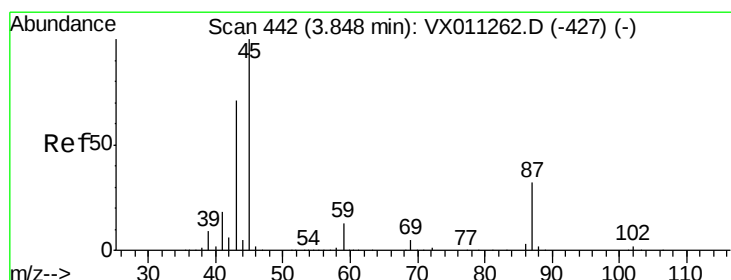
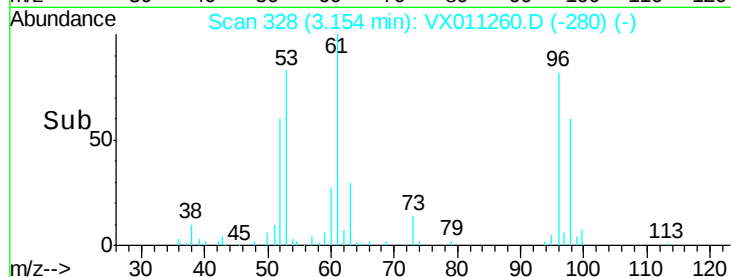
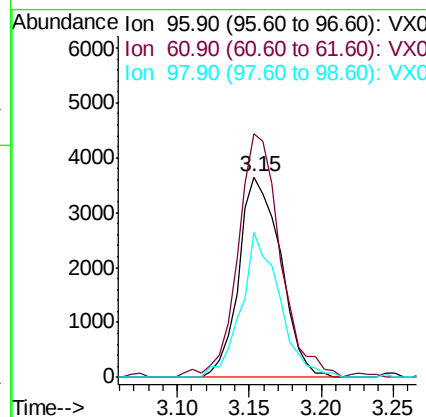
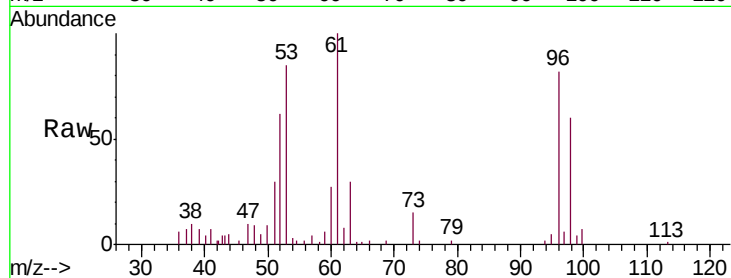
ClientSampleId :

VSTDIC005

Tgt Ion:	96	Resp:	7346
Ion	Ratio	Lower	Upper
96	100		
61	121.6	92.8	139.2
98	72.5	51.2	76.8

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#22

Diisopropyl ether

Concen: 5.252 ug/l

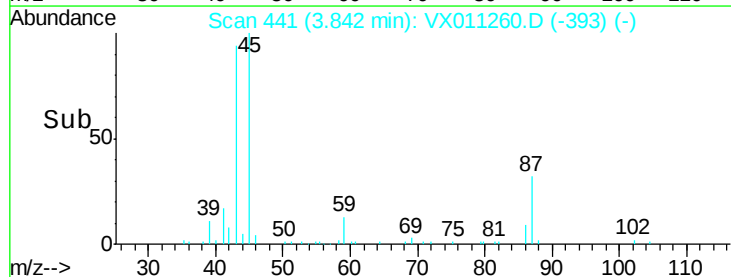
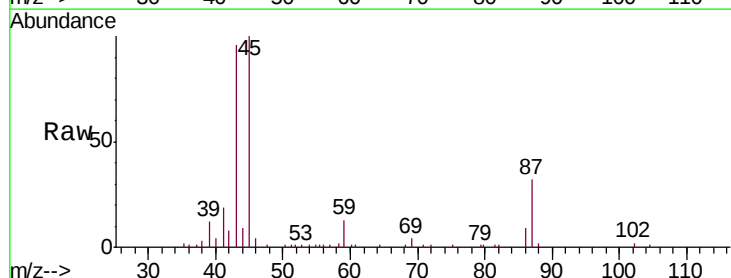
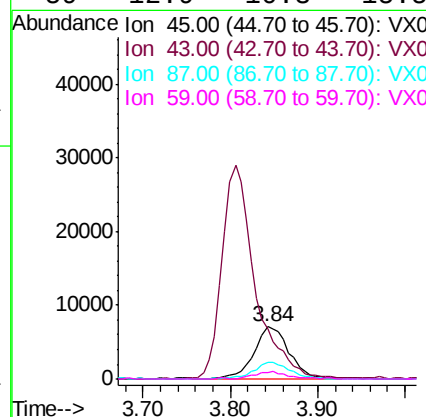
RT: 3.84 min Scan# 441

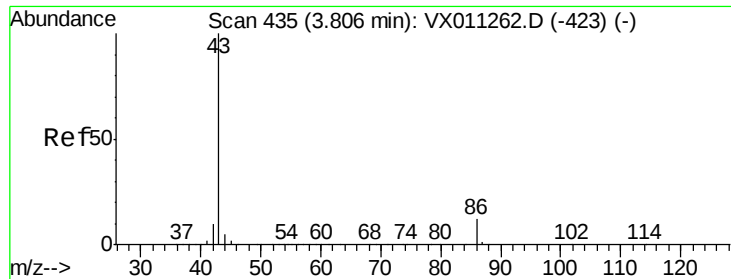
Delta R.T. -0.01 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Tgt Ion:	45	Resp:	20022
Ion	Ratio	Lower	Upper
45	100		
43	94.7	56.8	85.2#
87	32.2	25.8	38.6
59	12.9	10.3	15.5





#23

Vinyl Acetate

Concen: 23.861 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 77113

Ion Ratio Lower Upper

43 100

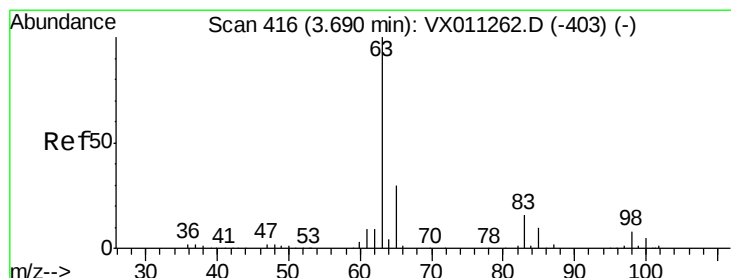
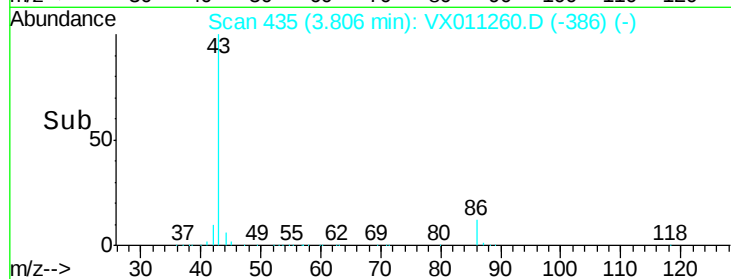
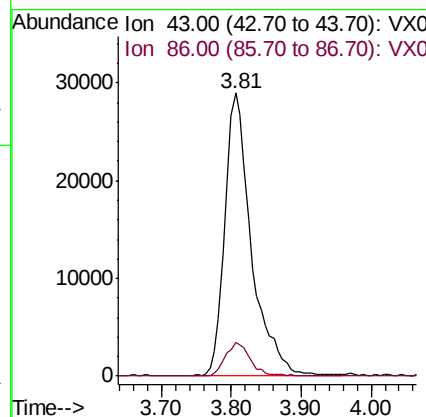
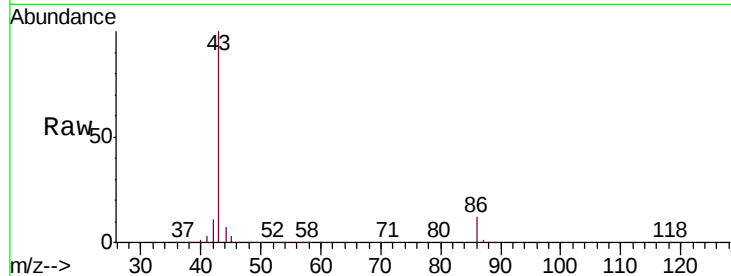
86 12.0 9.6 14.4

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#24

1,1-Dichloroethane

Concen: 5.499 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

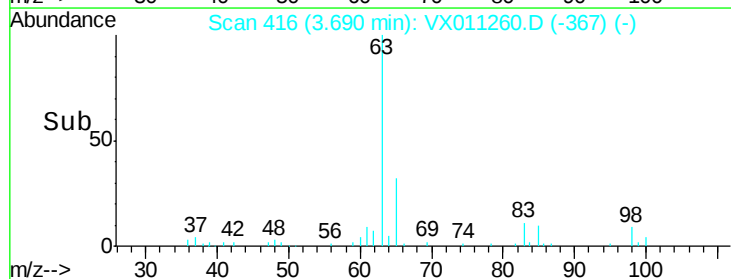
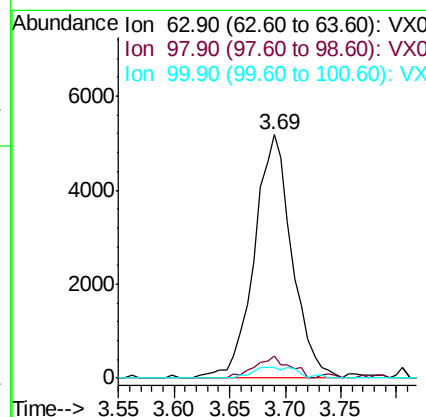
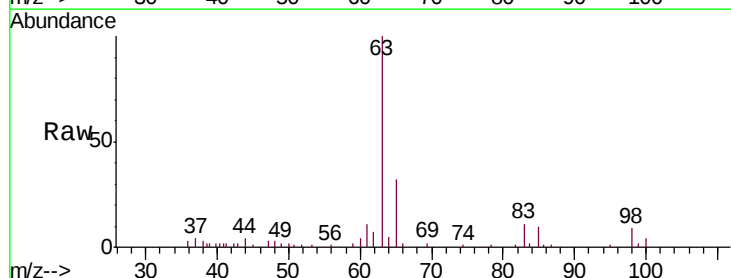
Tgt Ion: 63 Resp: 12226

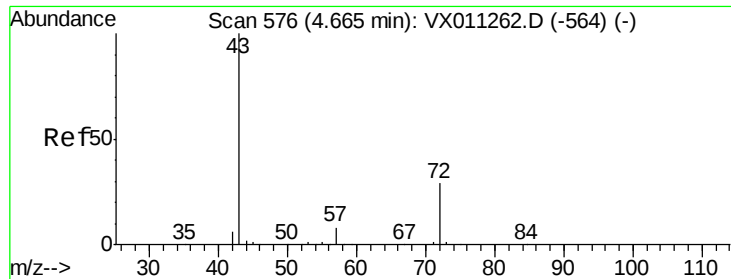
Ion Ratio Lower Upper

63 100

98 9.2 3.9 11.5

100 4.2 2.7 8.1





#25

2-Butanone

Concen: 26.708 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 25796

Ion Ratio Lower Upper

43 100

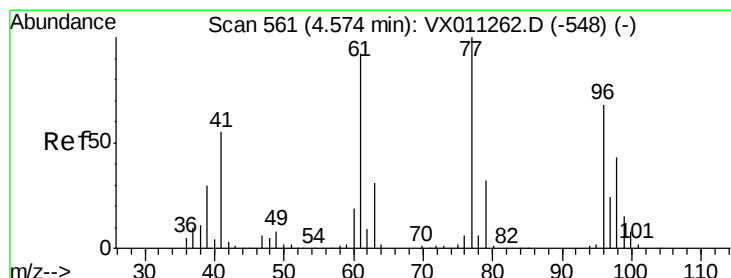
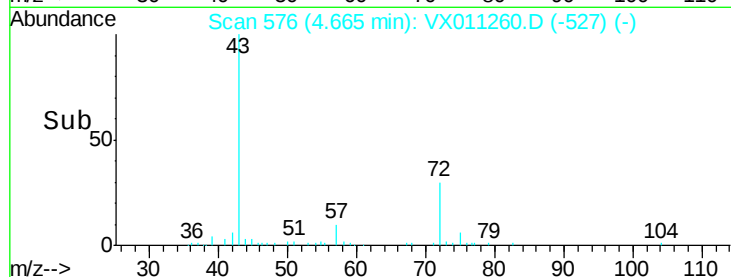
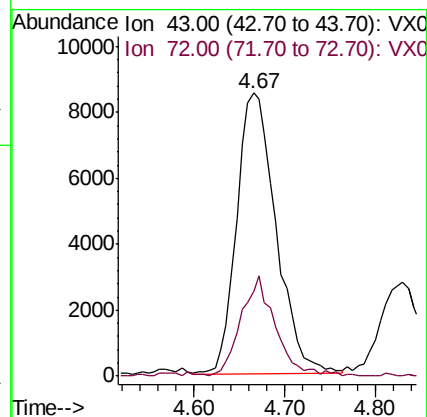
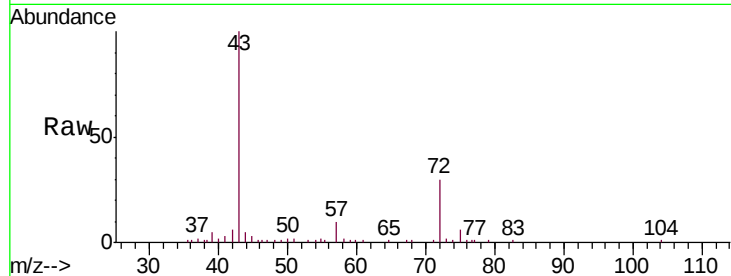
72 30.5 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 4.754 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011260.D

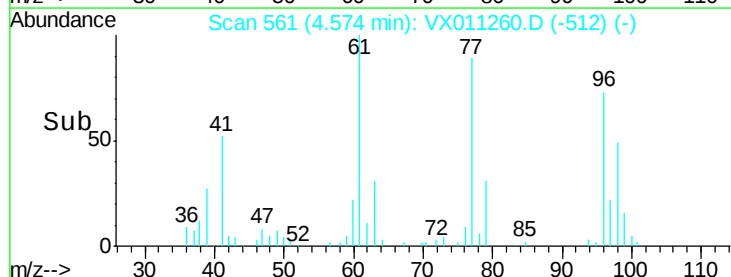
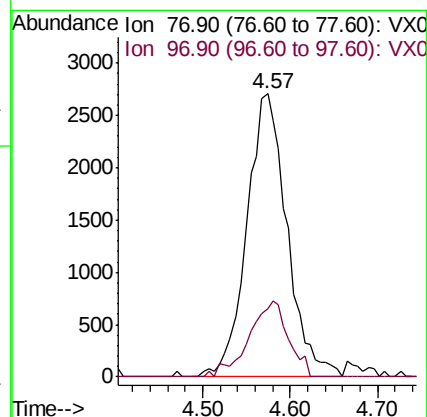
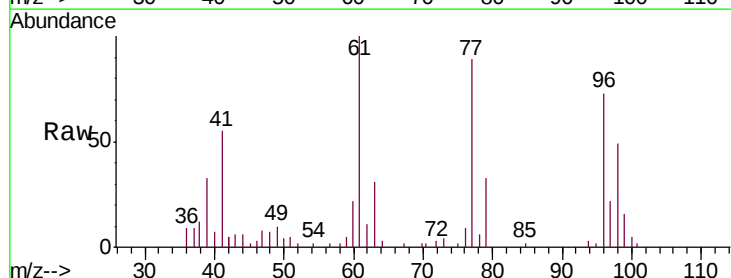
Acq: 01 Aug 2019 15:22

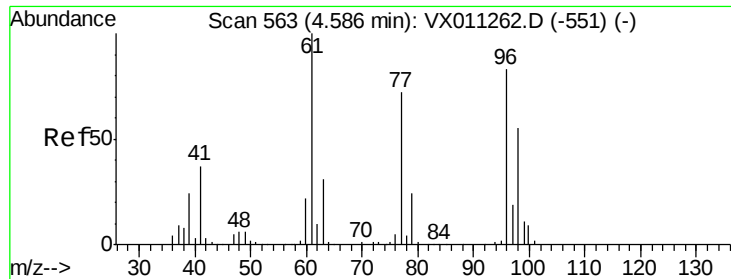
Tgt Ion: 77 Resp: 8616

Ion Ratio Lower Upper

77 100

97 26.4 12.8 38.4





#27

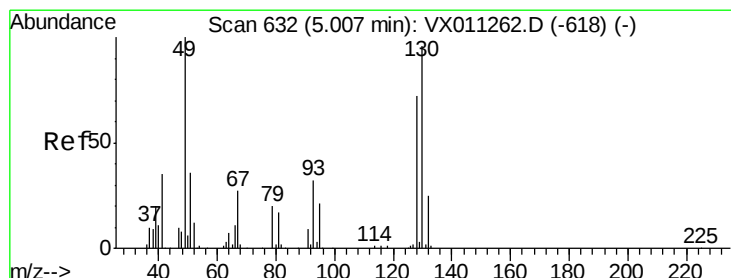
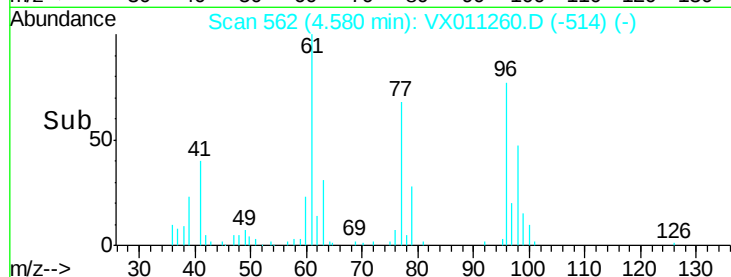
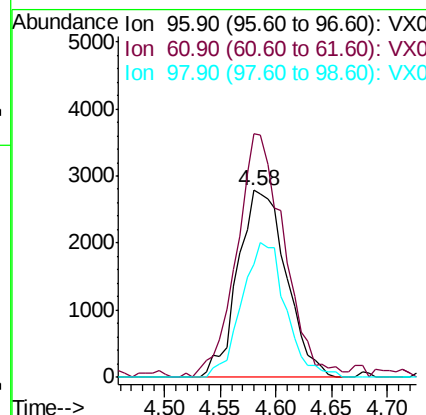
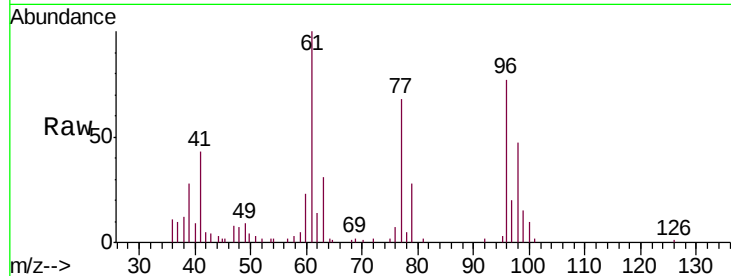
cis-1,2-Dichloroethene
Concen: 5.488 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.6	0.0	260.2
98	65.4	0.0	133.2

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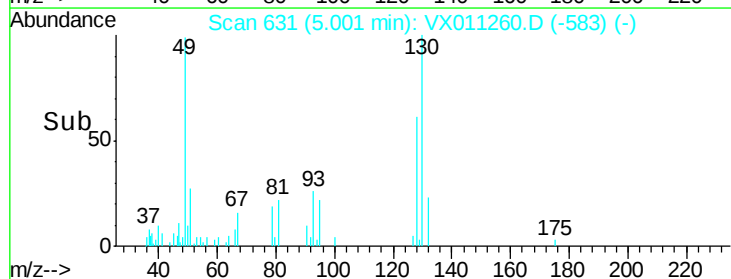
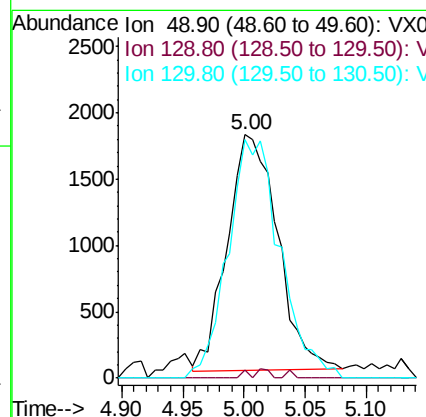
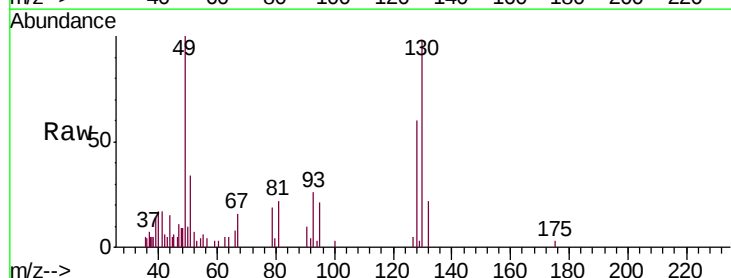
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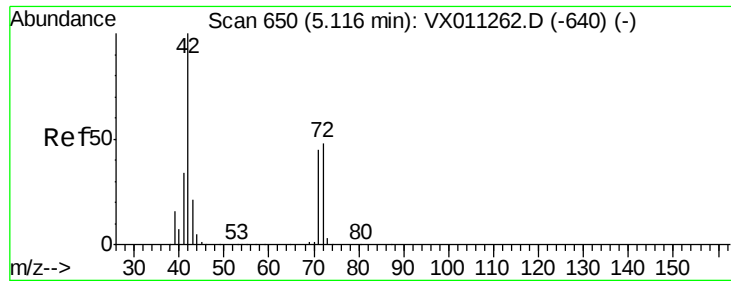


#28

Bromochloromethane
Concen: 4.917 ug/l
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	5.8
130	105.0	77.9	116.9





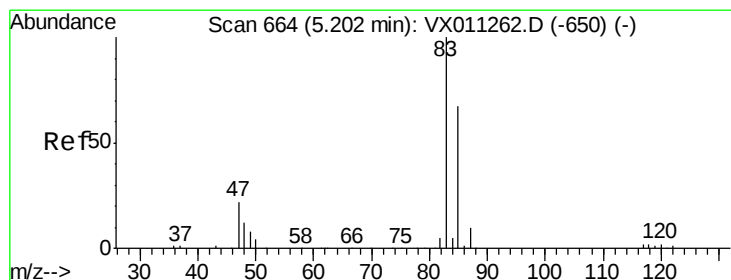
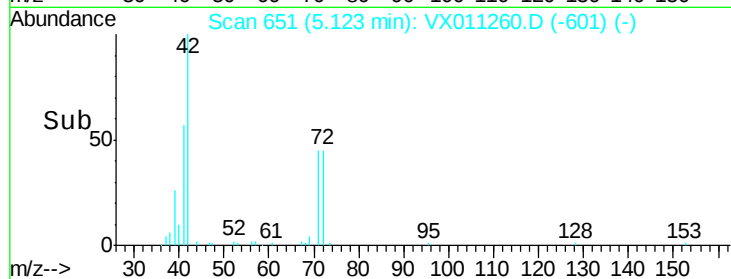
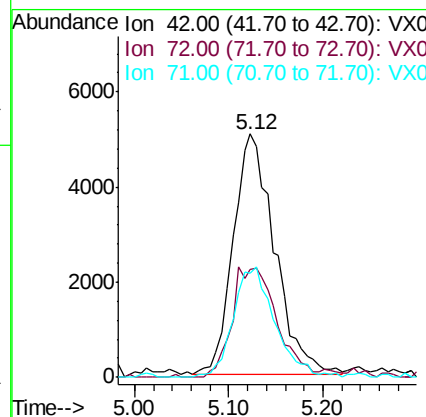
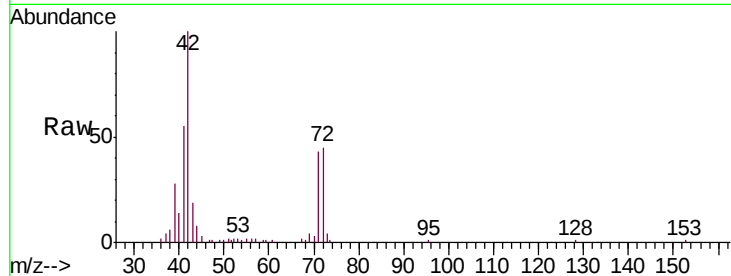
#29
Tetrahydrofuran
Concen: 25.560 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	42	Resp:	15612
Ion	Ratio	Lower	Upper
42	100		
72	49.1	39.9	59.9
71	45.3	36.9	55.3

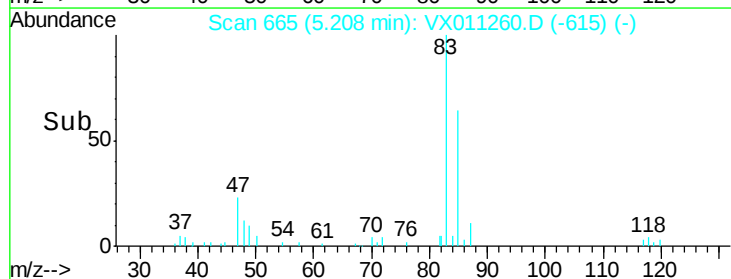
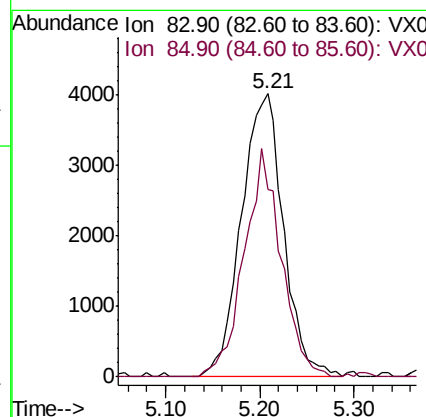
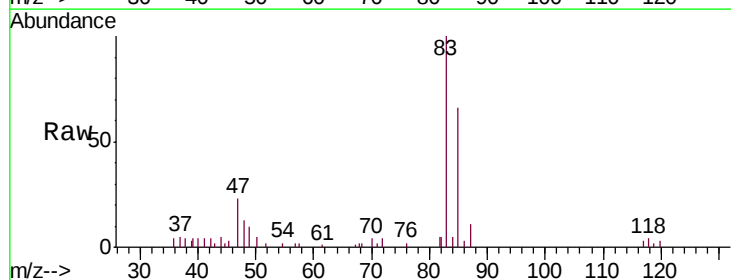
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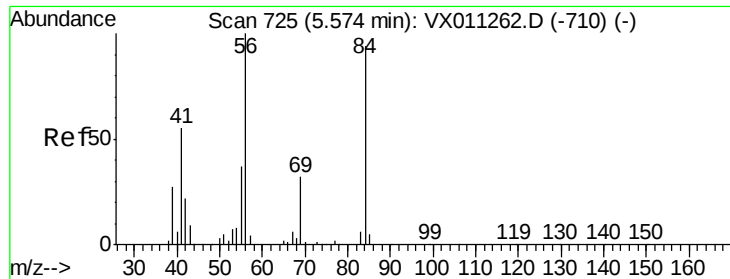
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#30
Chloroform
Concen: 5.227 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion:	83	Resp:	12571
Ion	Ratio	Lower	Upper
83	100		
85	66.1	53.4	80.0





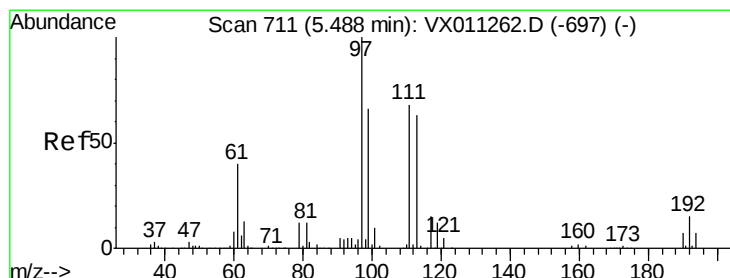
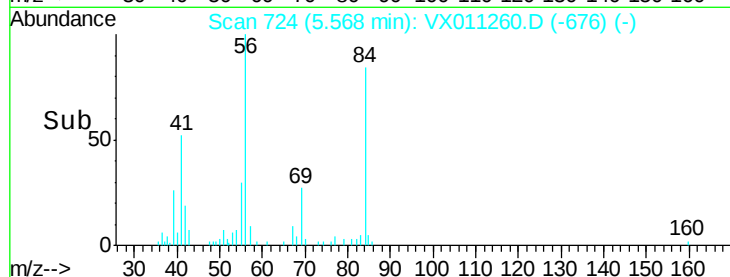
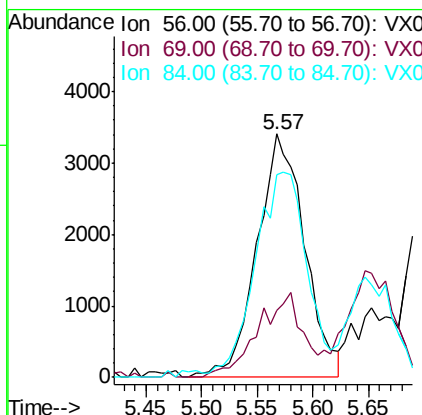
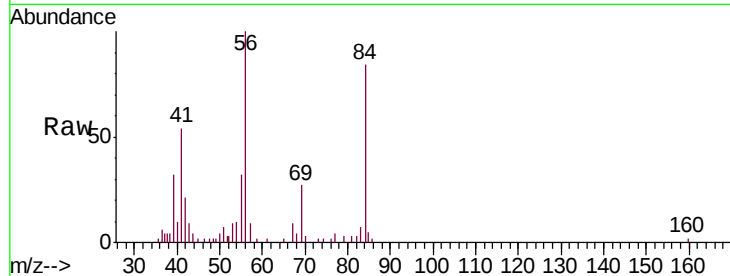
#31
Cyclohexane
Concen: 5.096 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
56	100		
69	27.4	25.5	38.3
84	81.2	75.0	112.4

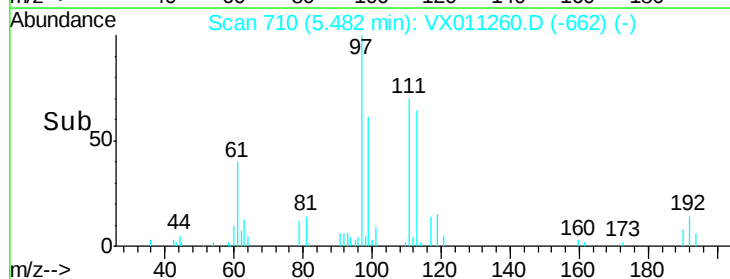
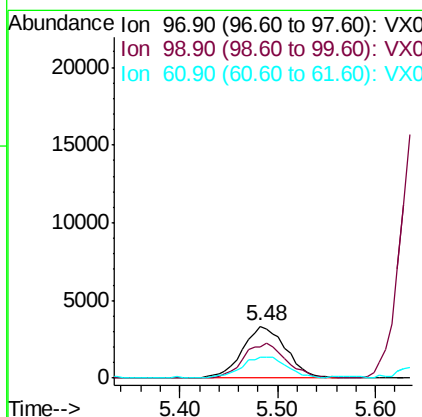
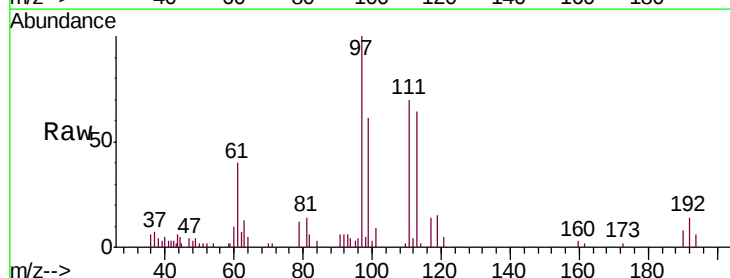
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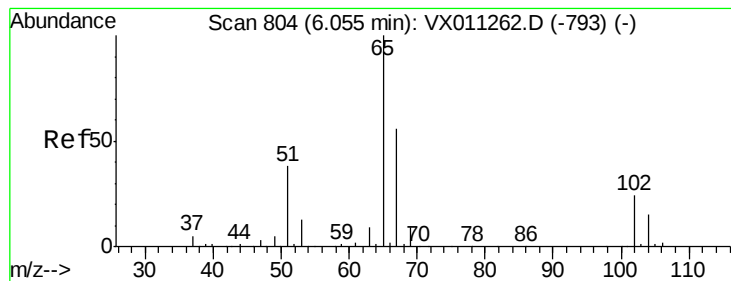
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#32
1,1,1-Trichloroethane
Concen: 4.951 ug/l
RT: 5.48 min Scan# 710
Delta R.T. -0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.1	51.6	77.4
61	43.0	32.3	48.5





#33

1,2-Dichloroethane-d4

Concen: 5.540 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 8121

Ion Ratio Lower Upper

65 100

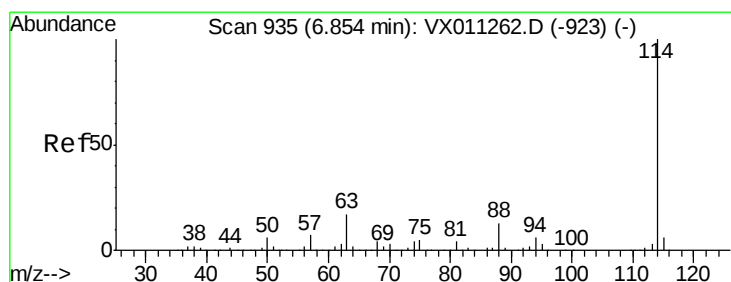
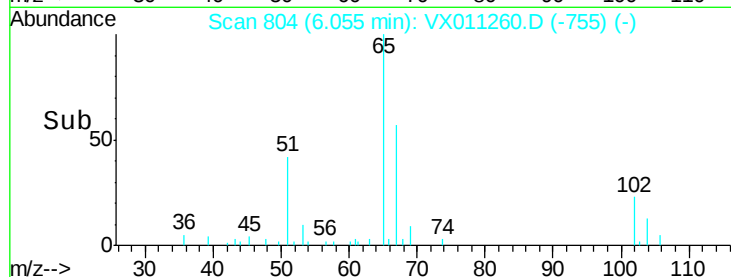
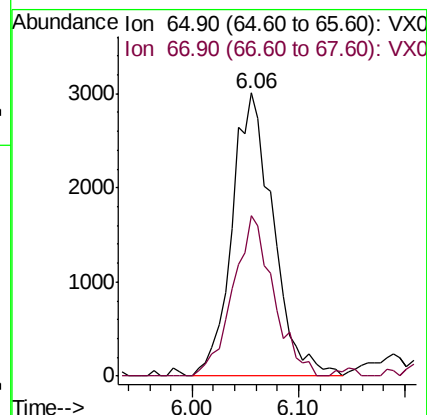
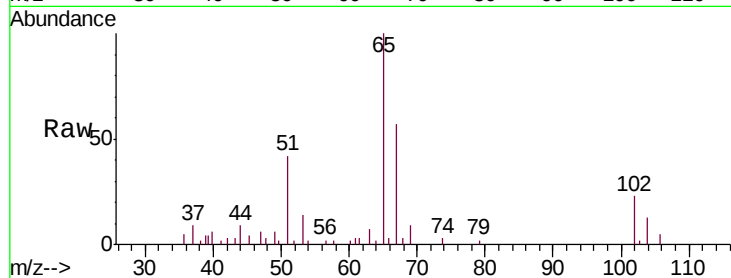
67 55.7 0.0 110.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

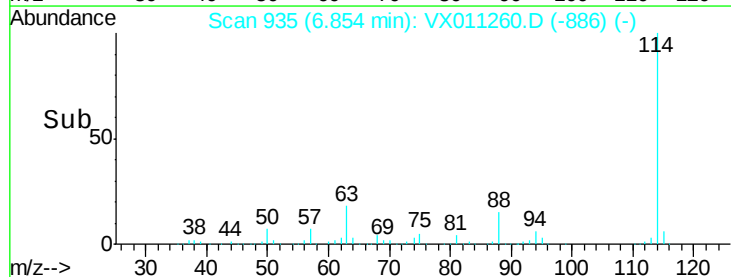
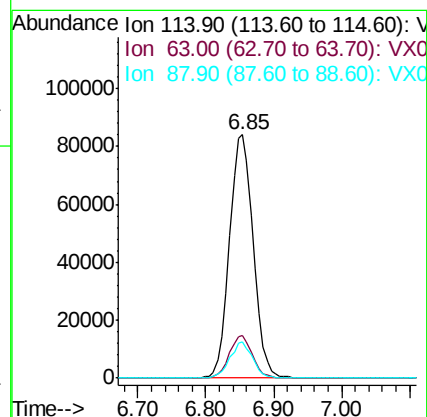
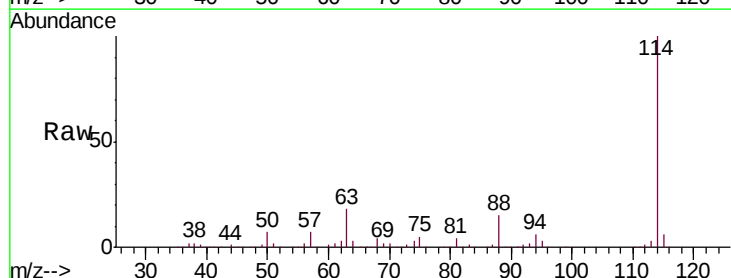
Tgt Ion: 114 Resp: 203281

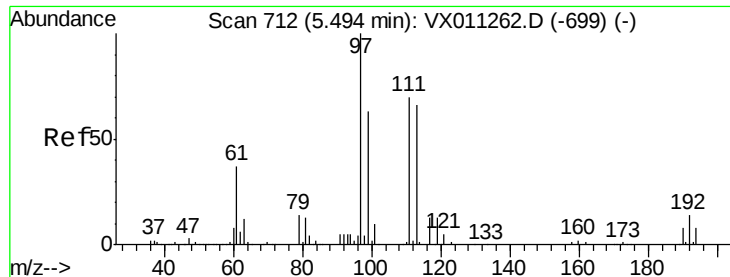
Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.0

88 14.7 0.0 26.4





#35

Dibromofluoromethane

Concen: 5.610 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

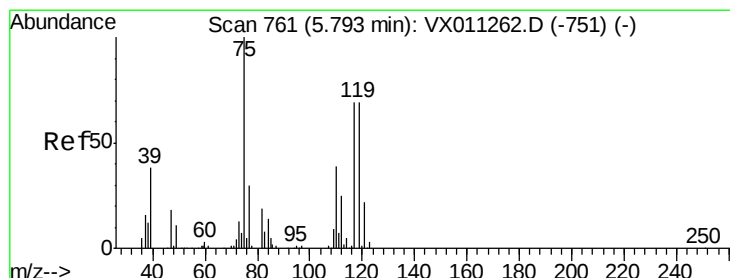
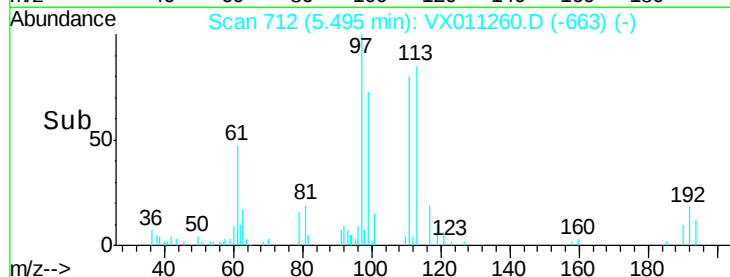
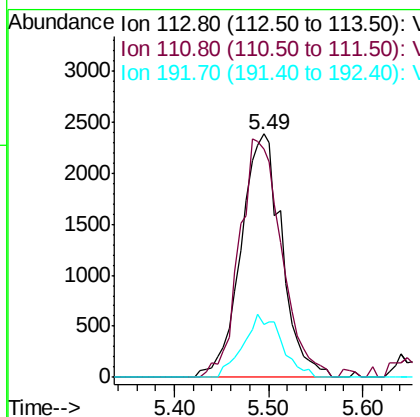
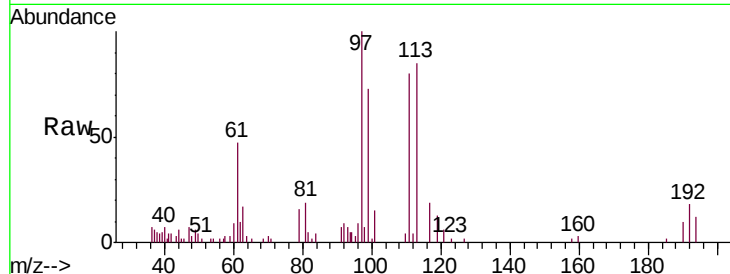
ClientSampleId :

VSTDIC005

Tgt Ion:	113	Resp:	7243
Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.9	122.9
192	24.3	17.8	26.8

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#36

1,1-Dichloropropene

Concen: 5.484 ug/l

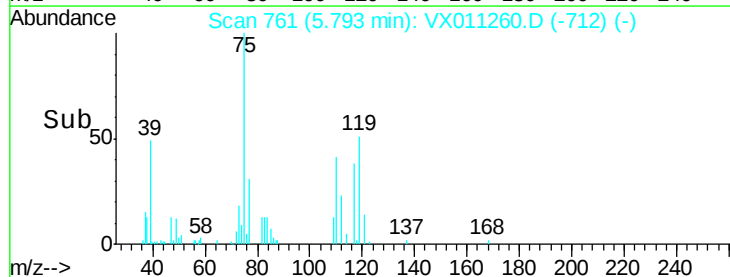
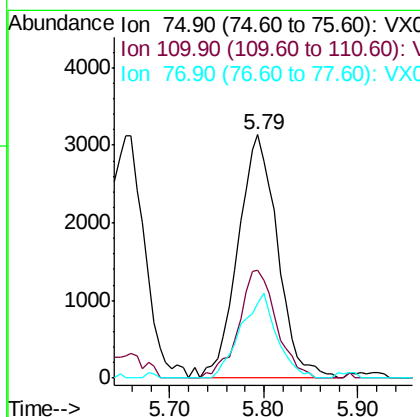
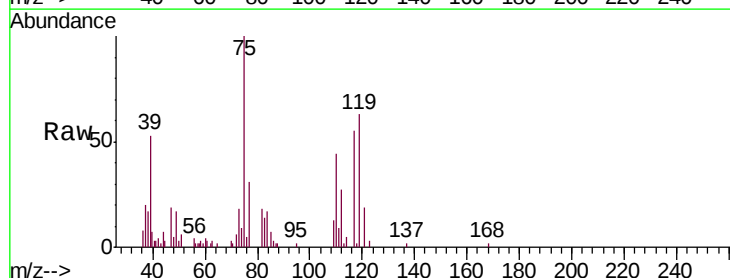
RT: 5.79 min Scan# 761

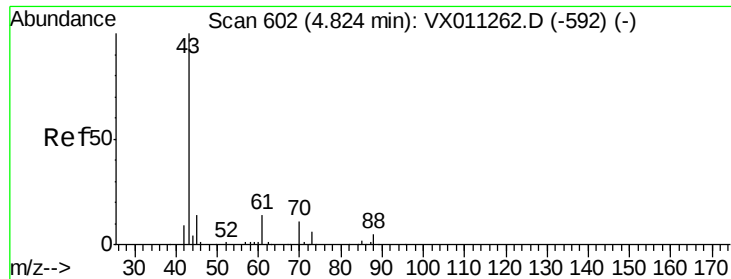
Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Tgt Ion:	75	Resp:	9258
Ion	Ratio	Lower	Upper
75	100		
110	41.8	20.0	59.9
77	31.5	24.8	37.2





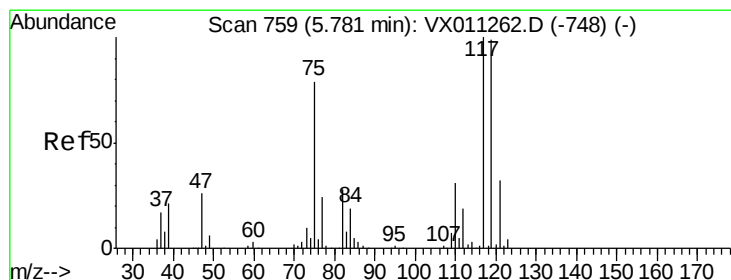
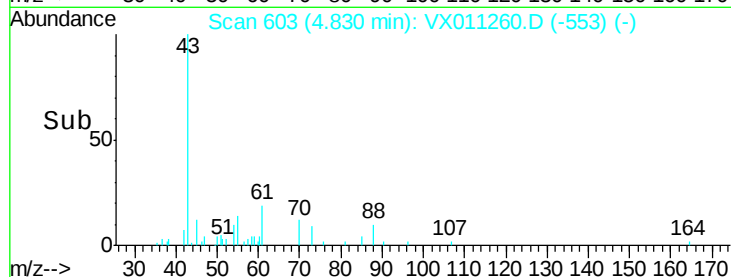
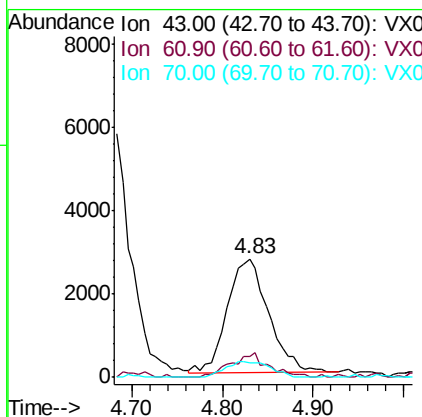
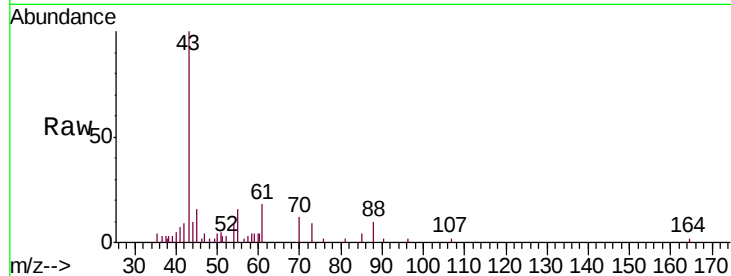
#37
Ethyl Acetate
Concen: 5.089 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.7	12.6	18.8#
70	15.1	9.1	13.7#

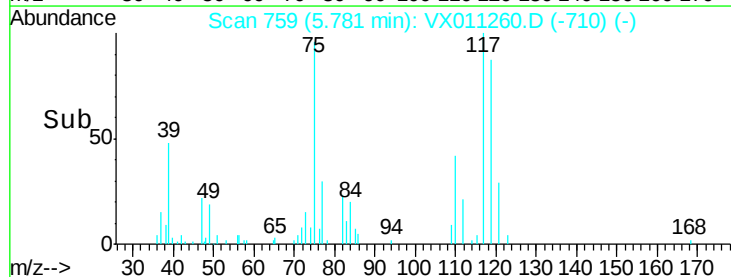
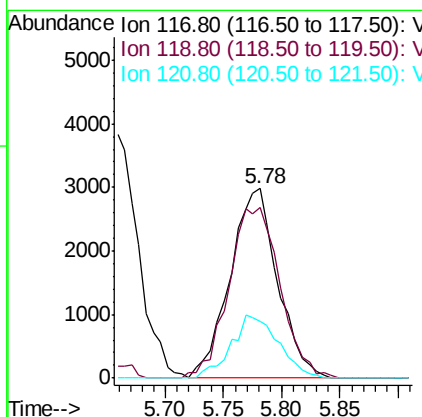
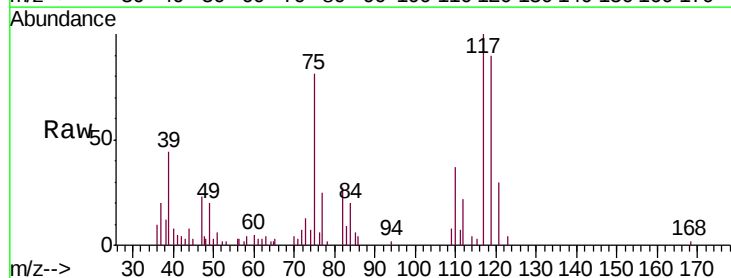
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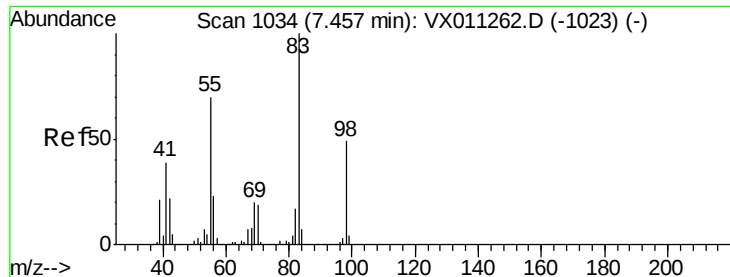
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#38
Carbon Tetrachloride
Concen: 4.832 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.3	79.0	118.4
121	29.9	25.9	38.9





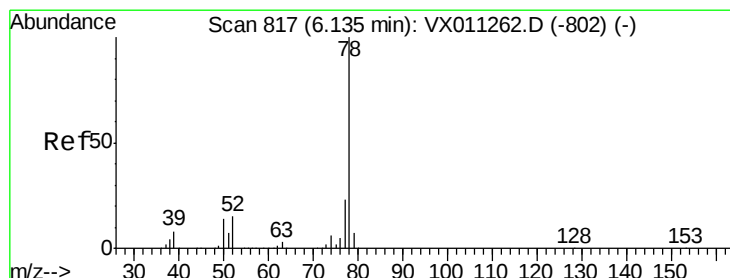
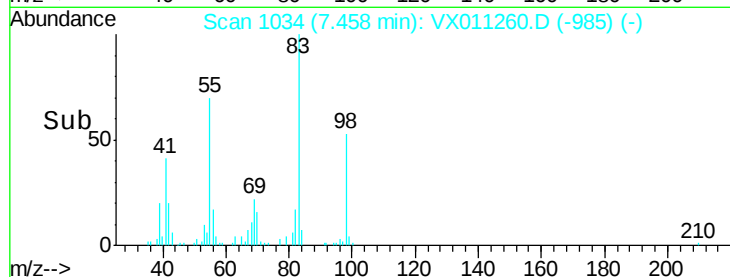
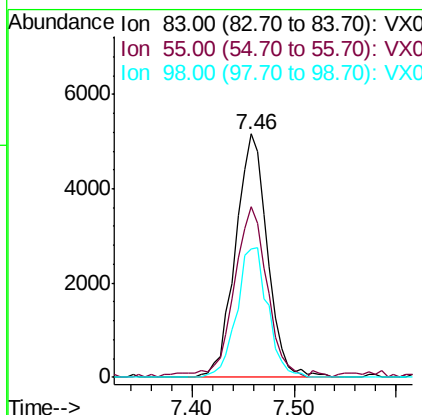
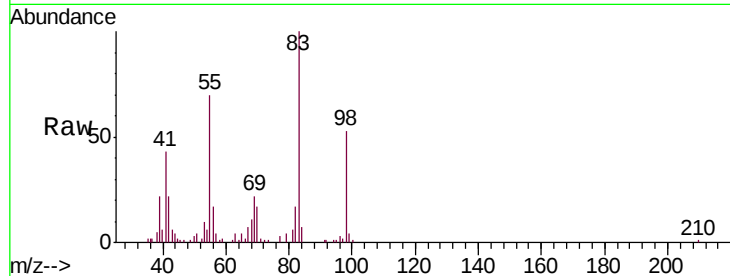
#39
Methylcyclohexane
Concen: 5.184 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.3	56.1	84.1
98	52.9	39.0	58.4

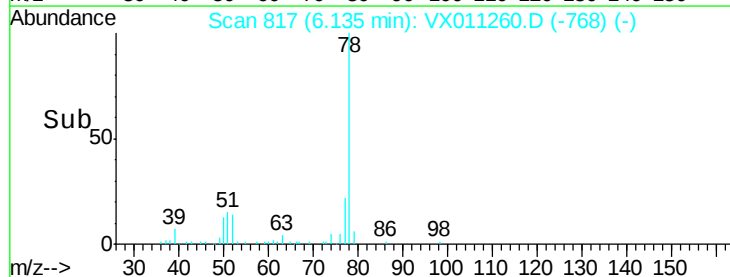
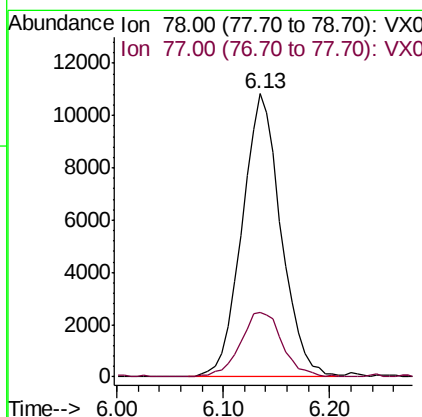
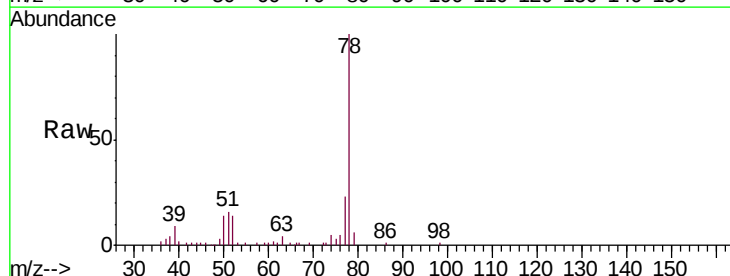
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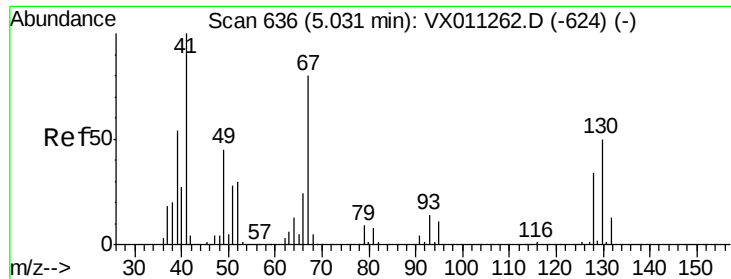
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#40
Benzene
Concen: 5.384 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.2	27.2





#41

Methacrylonitrile

Concen: 4.786 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.01 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

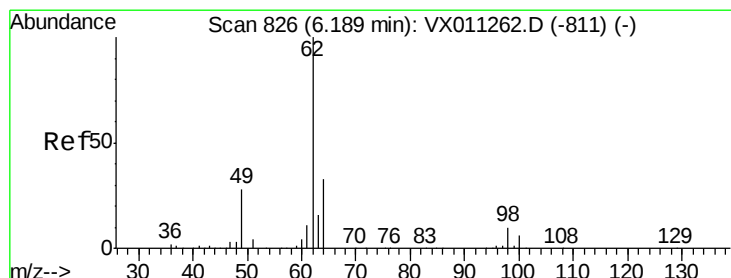
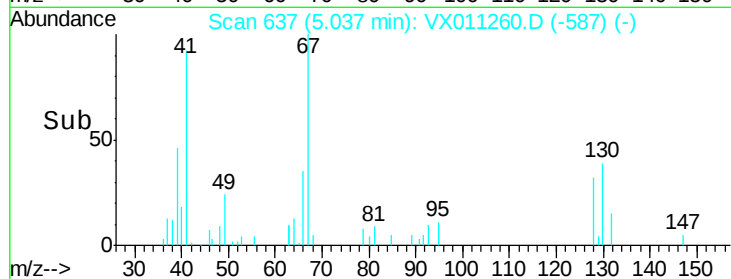
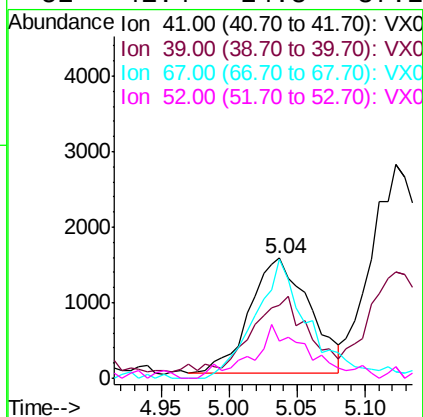
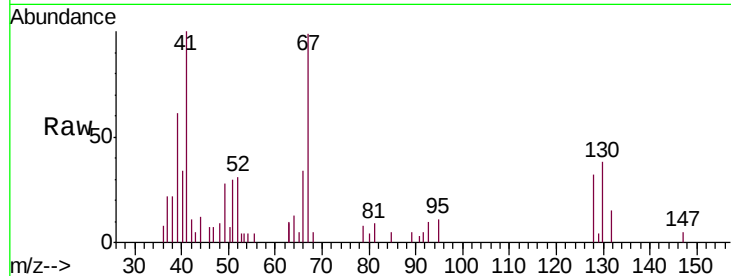
ClientSampleId :

VSTDIC005

Tgt Ion:	41	Resp:	4706
Ion	Ratio	Lower	Upper
41	100		
39	58.2	43.0	64.6
67	93.4	65.1	97.7
52	41.4	24.8	37.2#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 5.391 ug/l

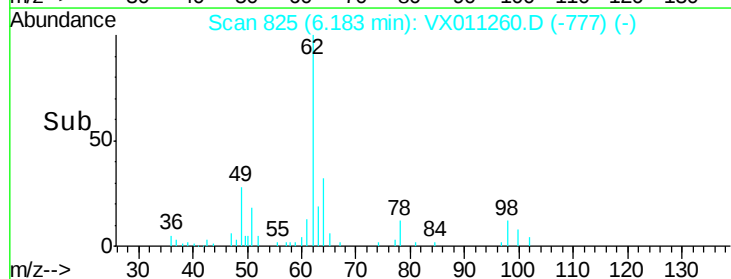
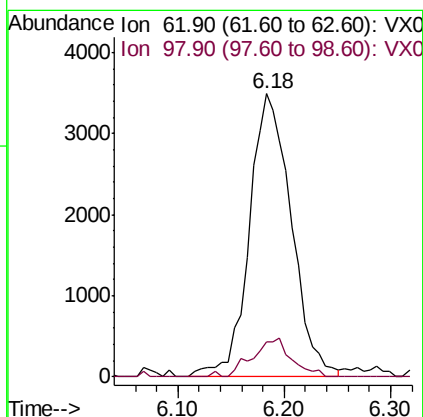
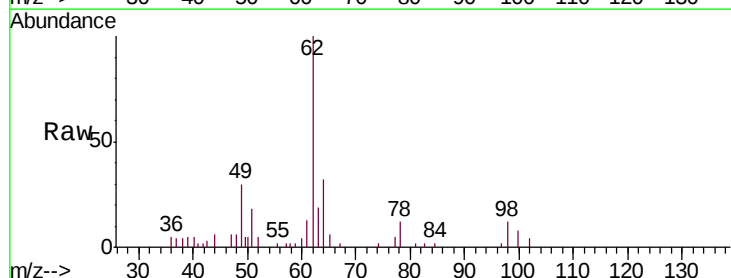
RT: 6.18 min Scan# 825

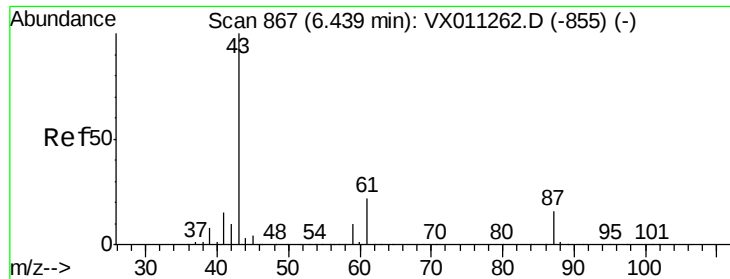
Delta R.T. -0.01 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Tgt Ion:	62	Resp:	9646
Ion	Ratio	Lower	Upper
62	100		
98	12.4	0.0	20.6





#43

Isopropyl Acetate

Concen: 4.994 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

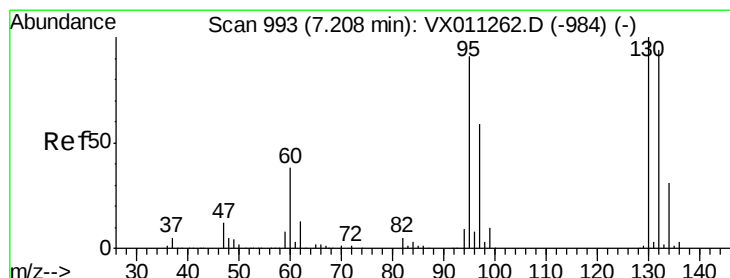
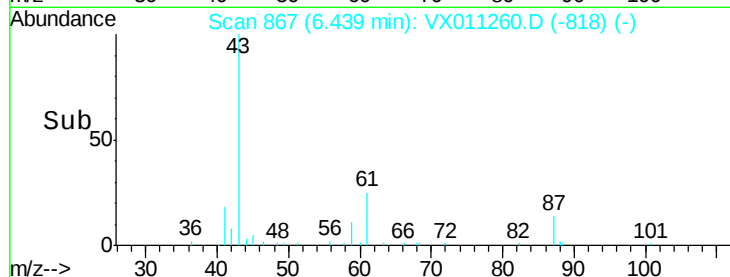
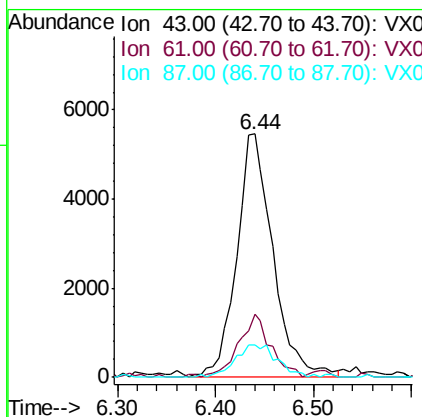
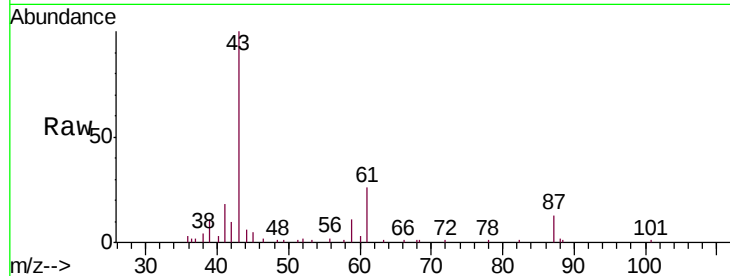
ClientSampleId :

VSTDIC005

Tgt Ion:	43	Resp:	14098
Ion	Ratio	Lower	Upper
43	100		
61	22.7	16.5	24.7
87	15.5	12.1	18.1

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#44

Trichloroethene

Concen: 5.569 ug/l

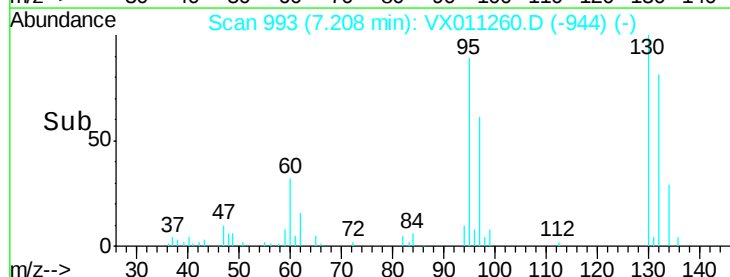
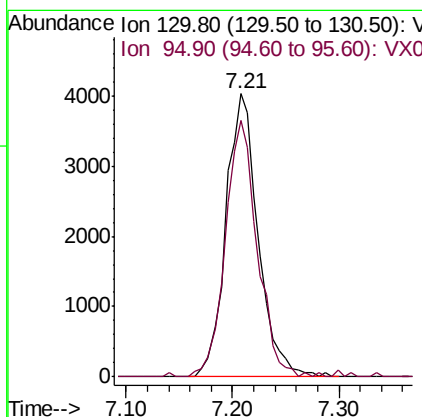
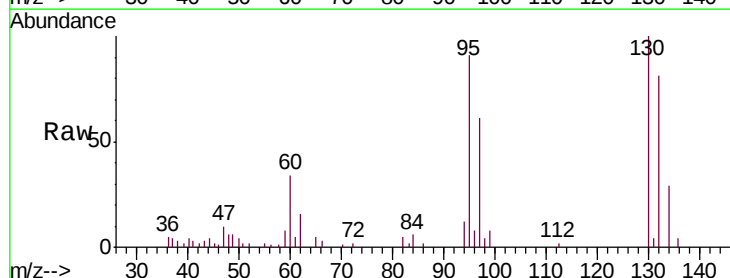
RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Tgt Ion:	130	Resp:	8537
Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	182.6





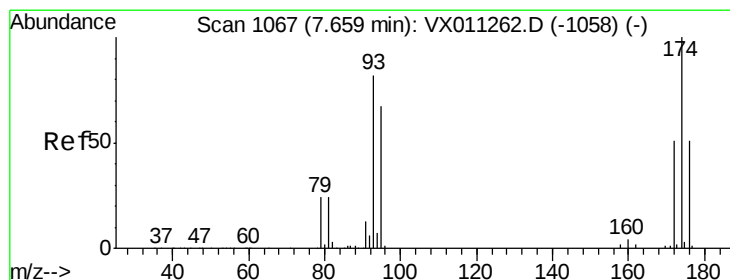
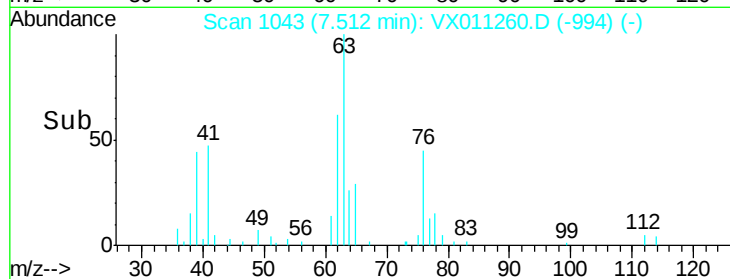
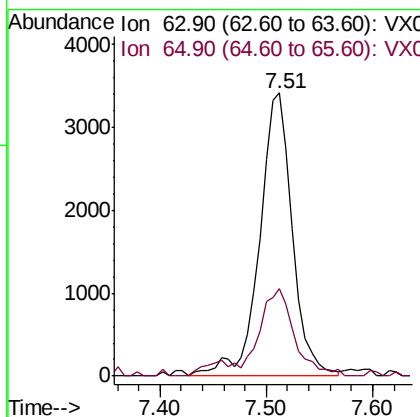
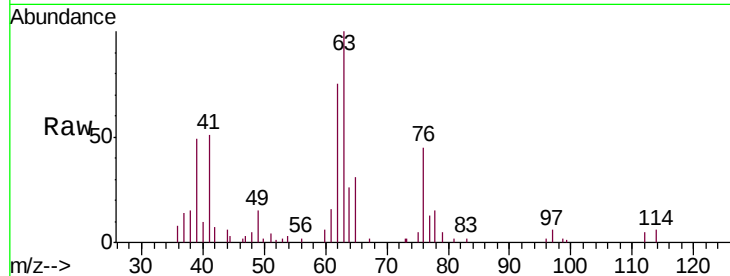
#45
 1,2-Dichloropropane
 Concen: 5.592 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 63 Resp: 7359
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.3 34.9

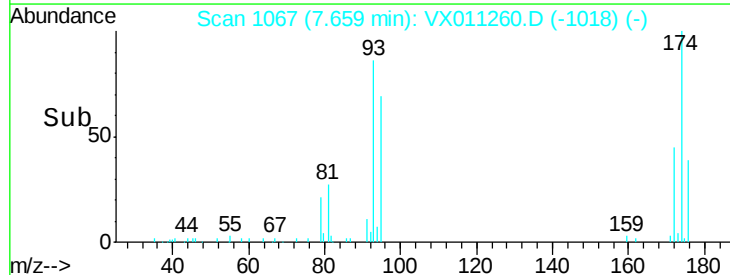
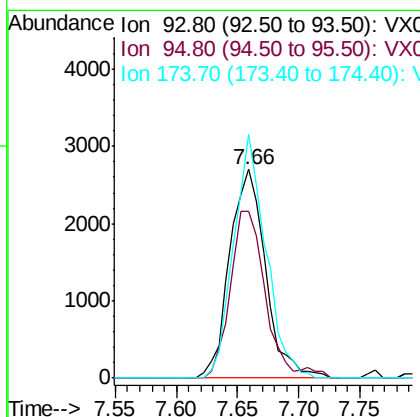
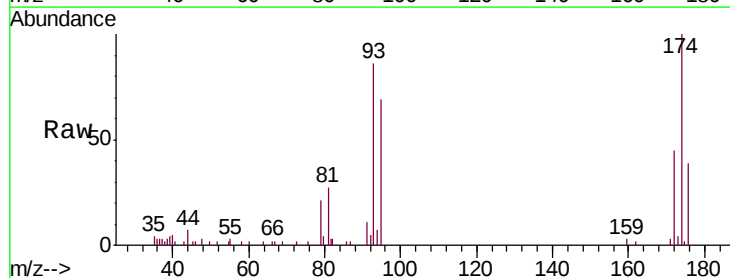
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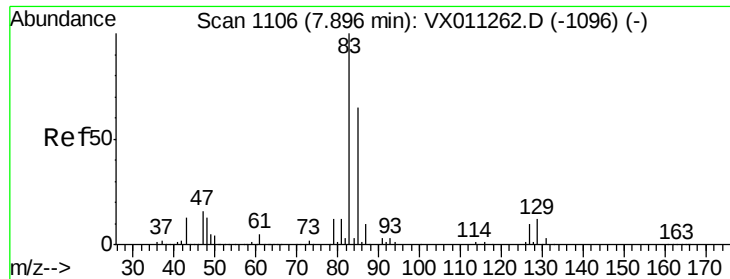
MMDadoda
 8/2/2019 9:06:52 AM



#46
 Dibromomethane
 Concen: 5.862 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Tgt Ion: 93 Resp: 5508
 Ion Ratio Lower Upper
 93 100
 95 78.3 66.4 99.6
 174 104.1 93.4 140.2





#47

Bromodichloromethane

Concen: 4.845 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

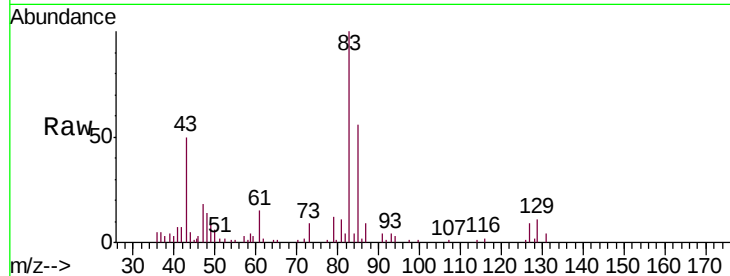
ClientSampleId :

VSTDIC005

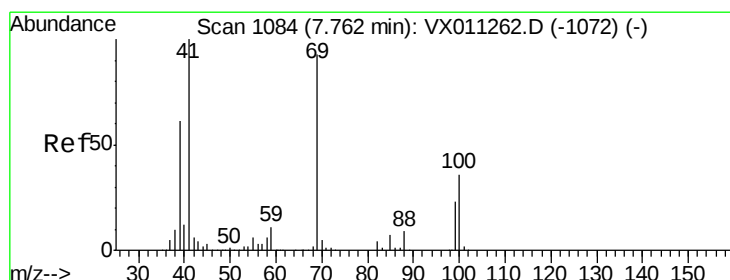
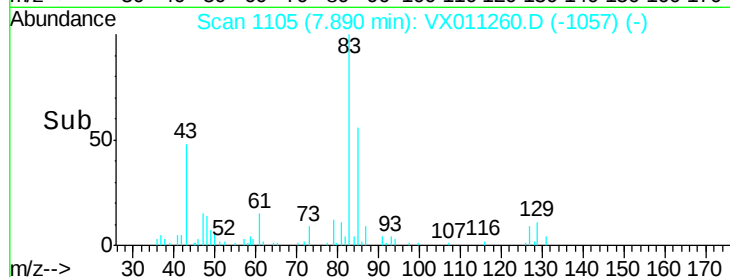
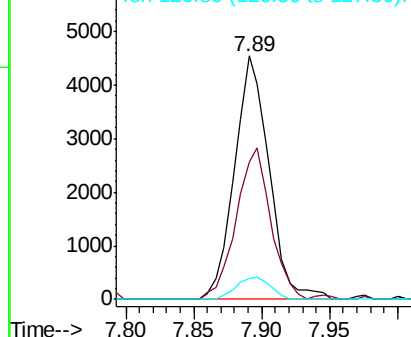
Tgt Ion:	83	Resp:	8076
Ion	Ratio	Lower	Upper
83	100		
85	56.5	52.2	78.2
127	8.6	7.8	11.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 5.077 ug/l

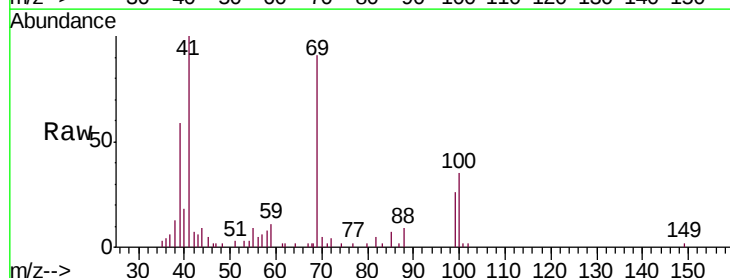
RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

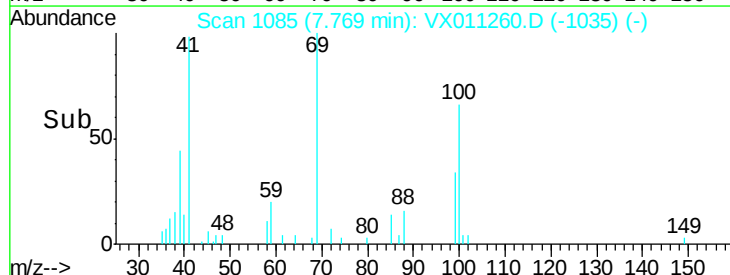
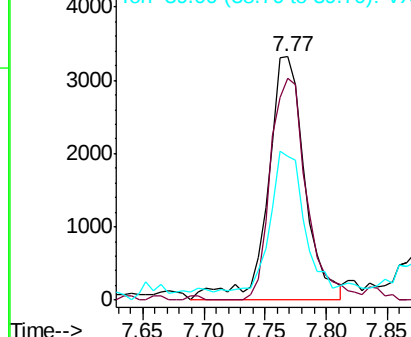
Lab File: VX011260.D

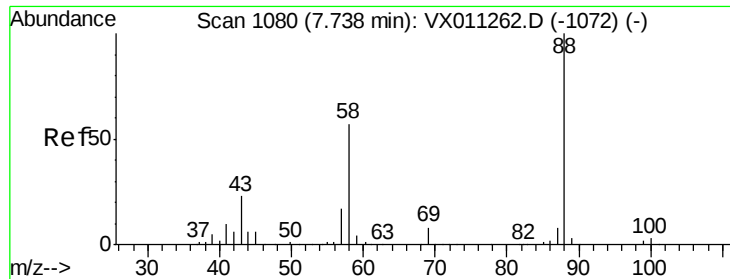
Acq: 01 Aug 2019 15:22

Tgt Ion:	41	Resp:	6972
Ion	Ratio	Lower	Upper
41	100		
69	89.4	74.5	111.7
39	49.2	48.6	72.8



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





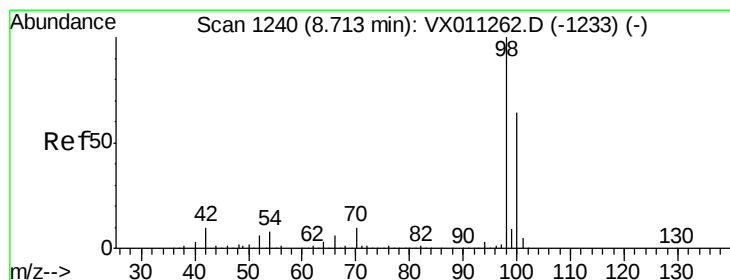
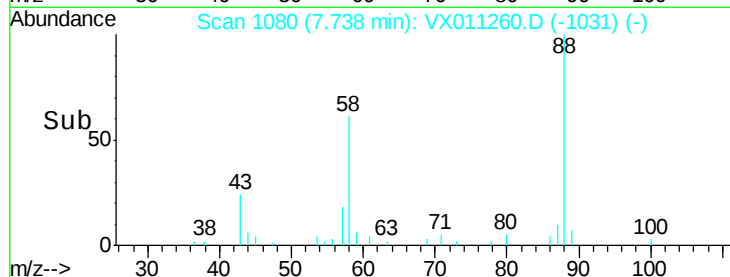
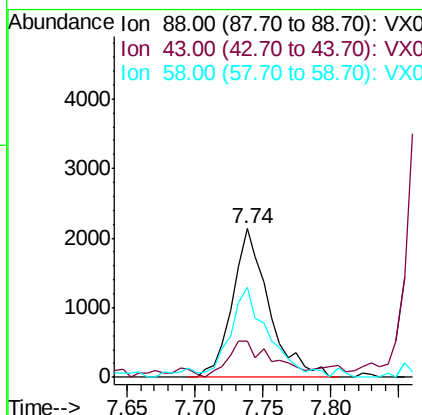
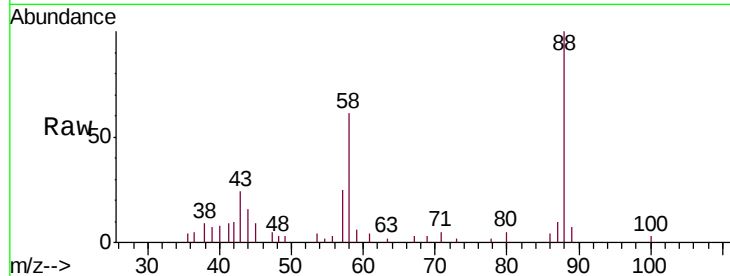
#49
1,4-Dioxane
Concen: 103.507 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.8	22.2	33.2
58	62.9	47.8	71.8

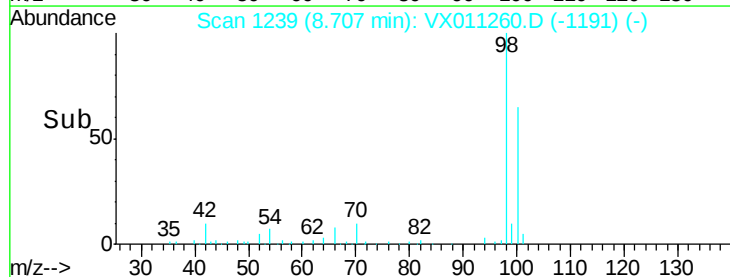
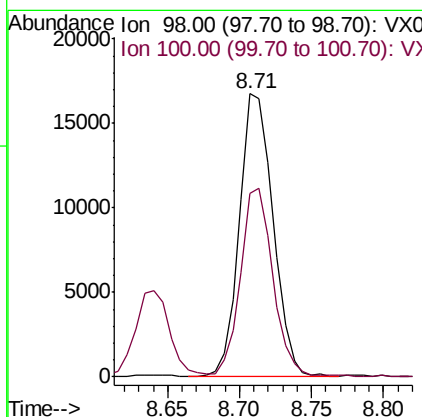
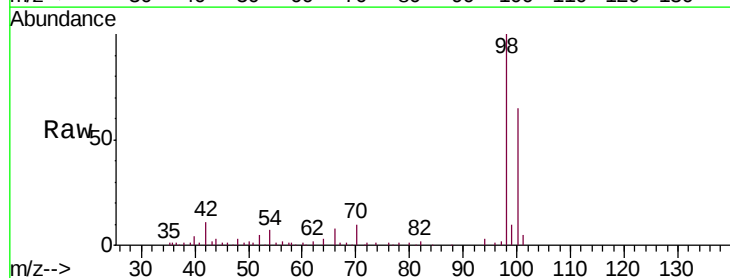
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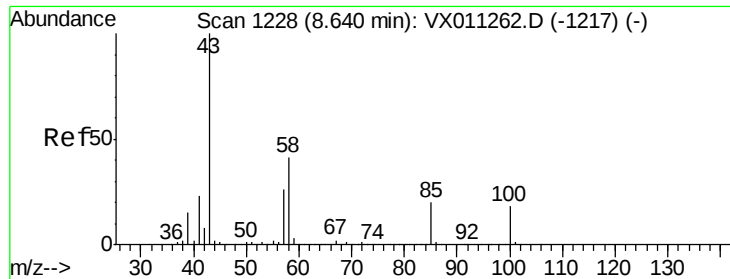
MMDadoda
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#50
Toluene-d8
Concen: 5.647 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.7	77.5





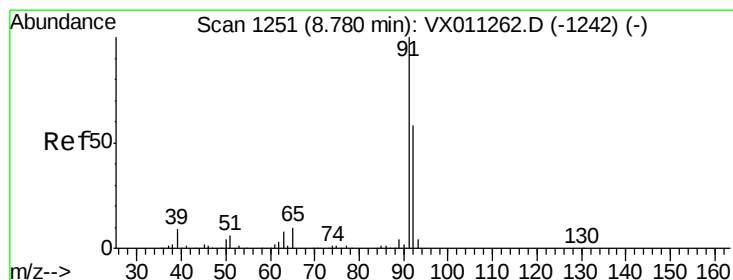
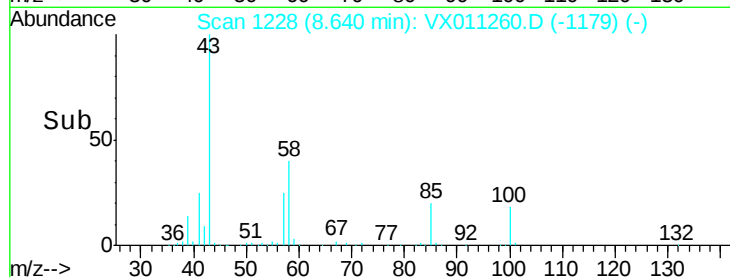
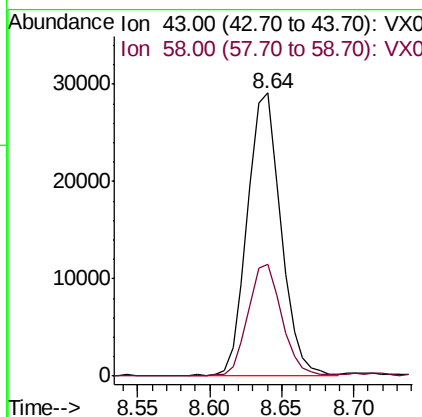
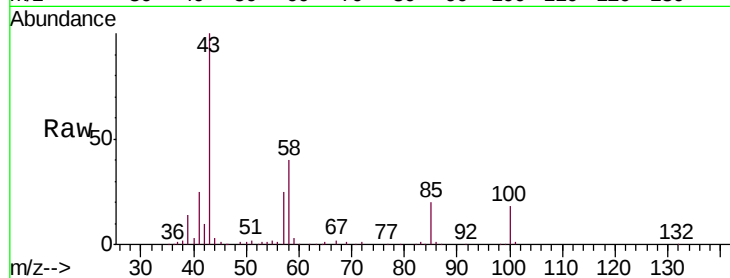
#51
4-Methyl-2-Pentanone
Concen: 25.668 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.3	32.3	48.5

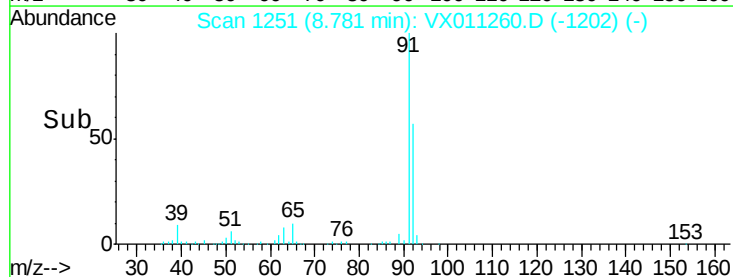
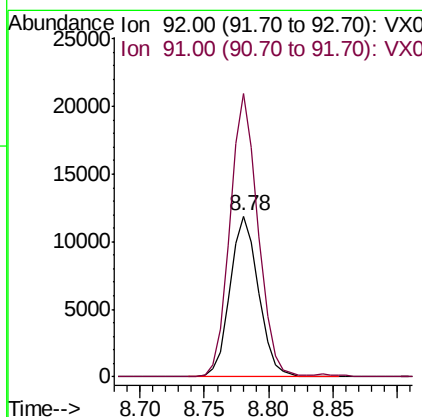
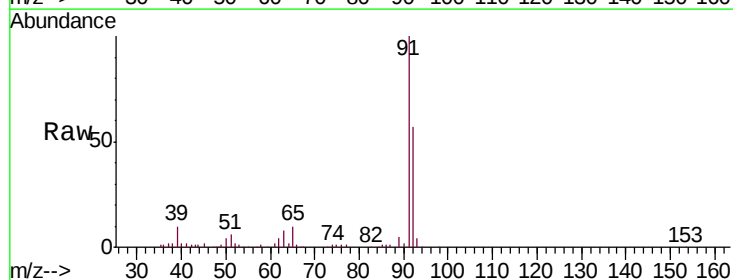
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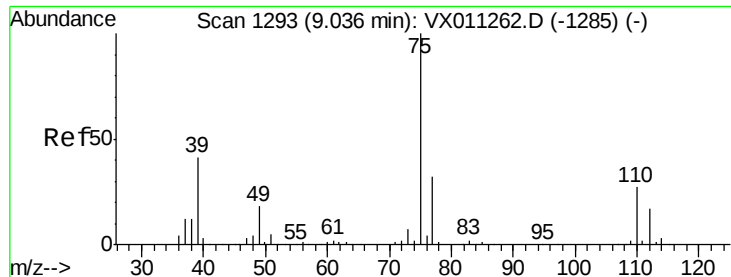
MMDadoda
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#52
Toluene
Concen: 5.436 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.9	139.4	209.0





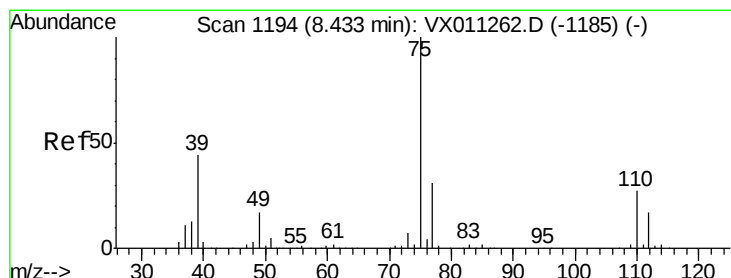
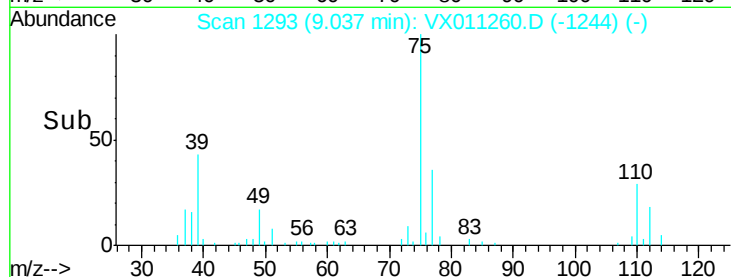
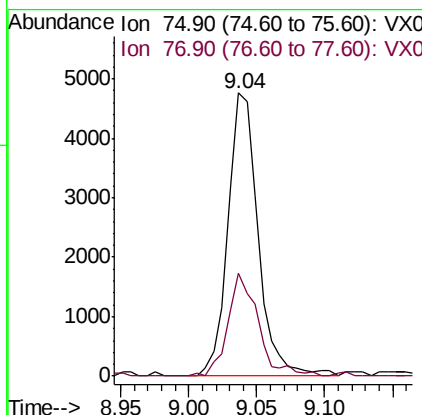
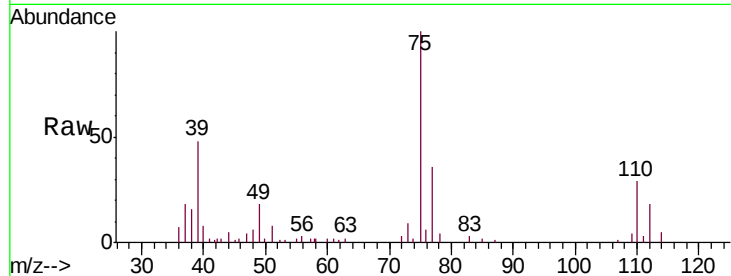
#53
 t-1,3-Dichloropropene
 Concen: 4.121 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Tgt Ion: 75 Resp: 7367
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.4 38.0

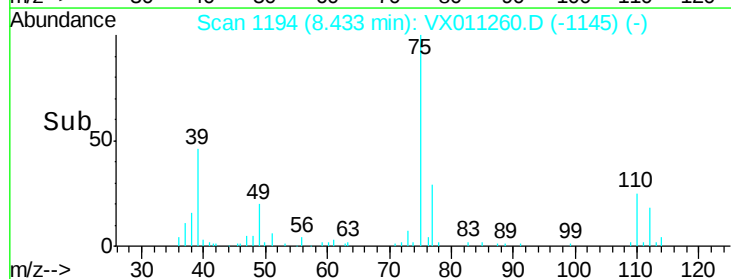
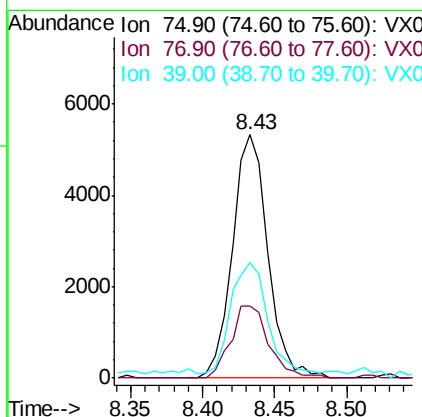
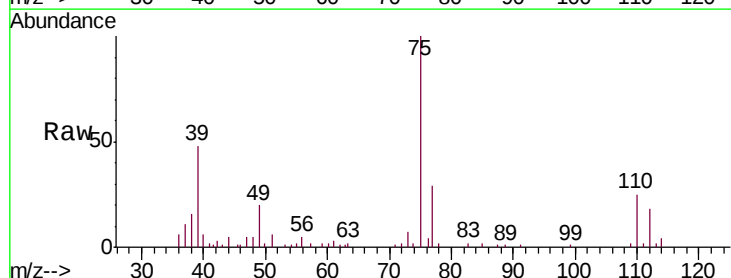
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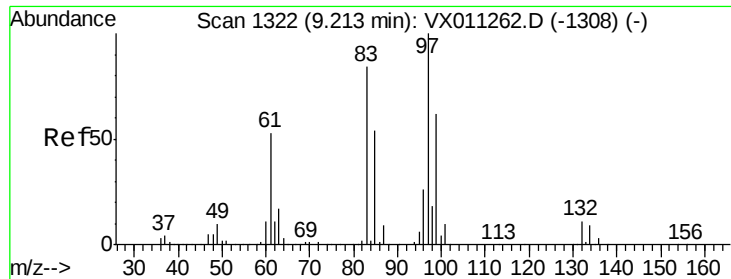
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#54
 cis-1,3-Dichloropropene
 Concen: 4.577 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Tgt Ion: 75 Resp: 9124
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.0 37.6
 39 44.9 35.3 52.9





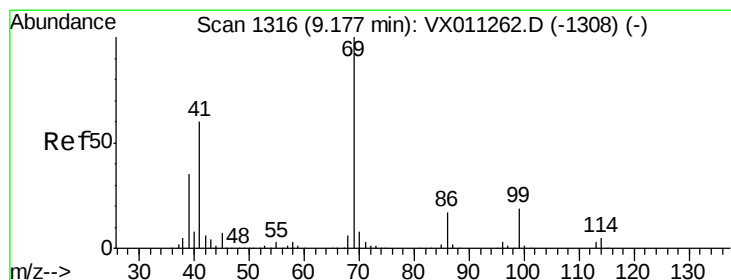
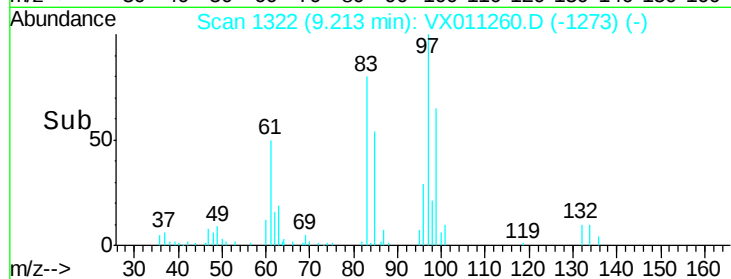
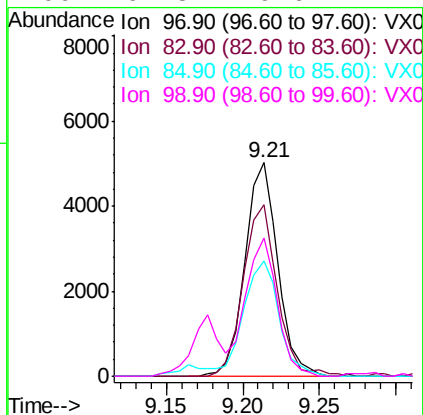
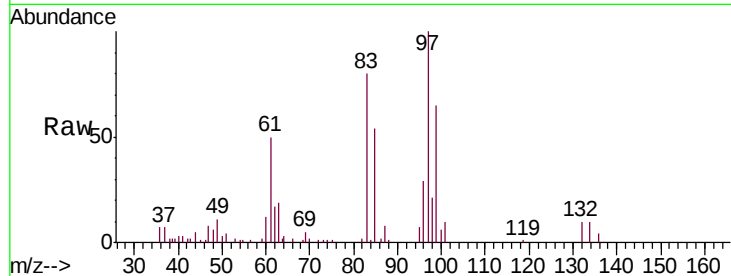
#55
 1,1,2-Trichloroethane
 Concen: 5.324 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	7454
Ion	Ratio	Lower	Upper
97	100		
83	80.0	67.6	101.4
85	53.9	43.4	65.0
99	64.8	49.6	74.4

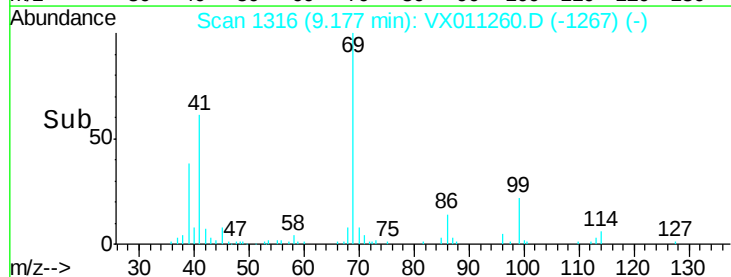
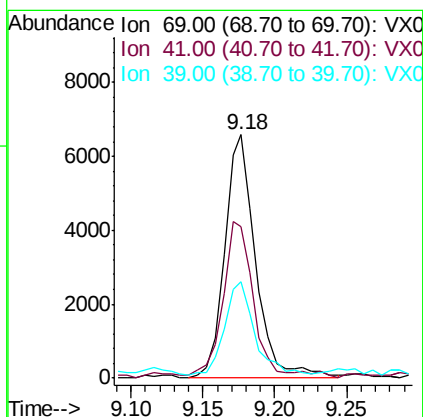
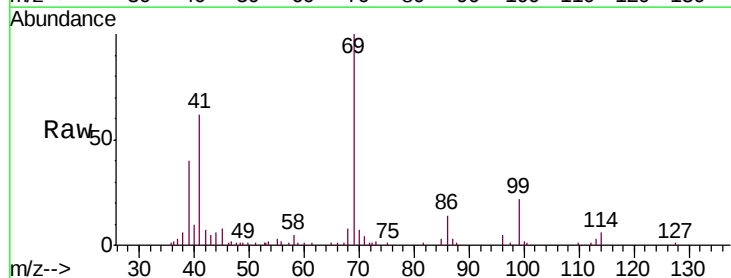
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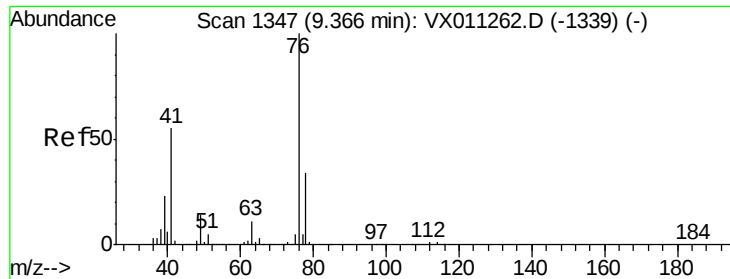
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#56
 Ethyl methacrylate
 Concen: 4.886 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Tgt Ion:	69	Resp:	9932
Ion	Ratio	Lower	Upper
69	100		
41	65.4	48.6	73.0
39	38.4	29.4	44.2





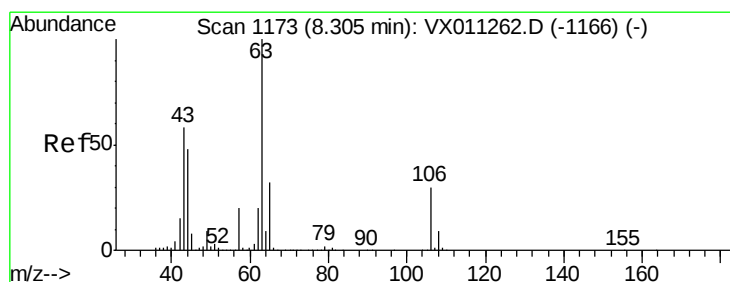
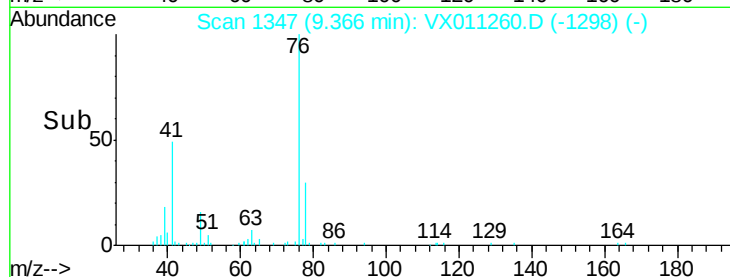
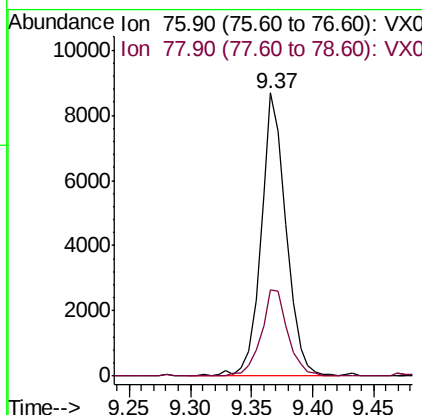
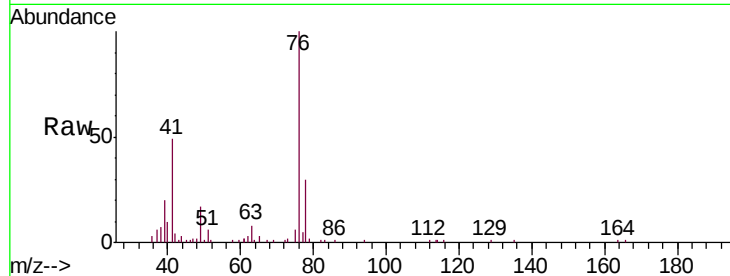
#57
 1,3-Dichloropropane
 Concen: 5.583 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.6	40.0

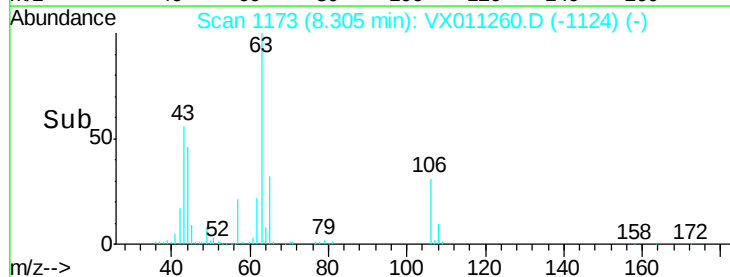
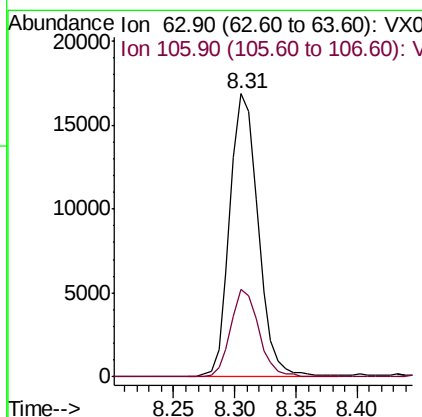
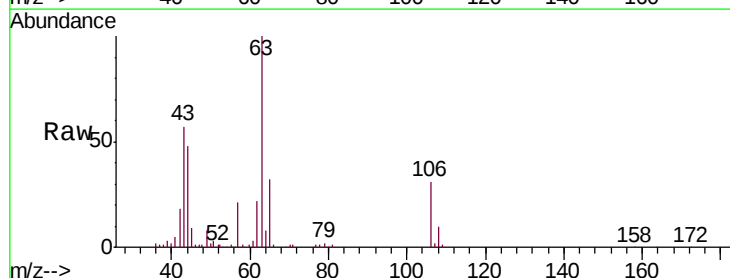
Manual Integrations
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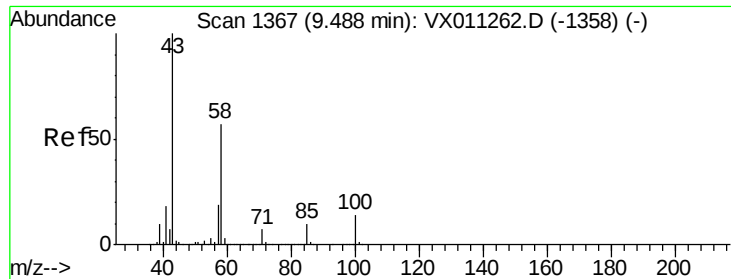
MMDadoda
 8/2/2019 9:06:52 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 27.932 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.5	24.4	36.6





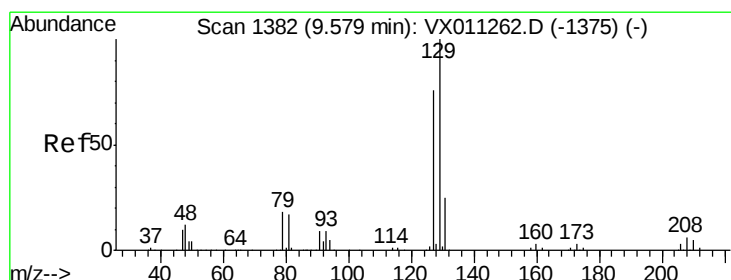
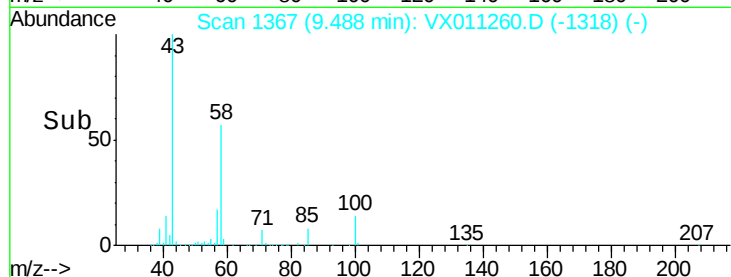
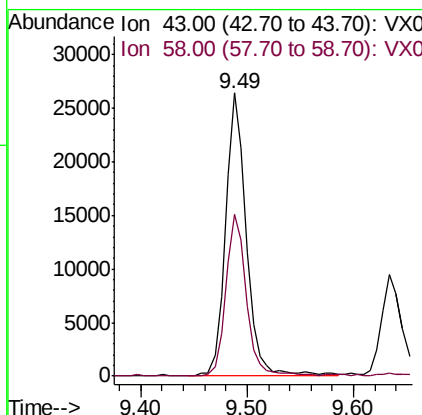
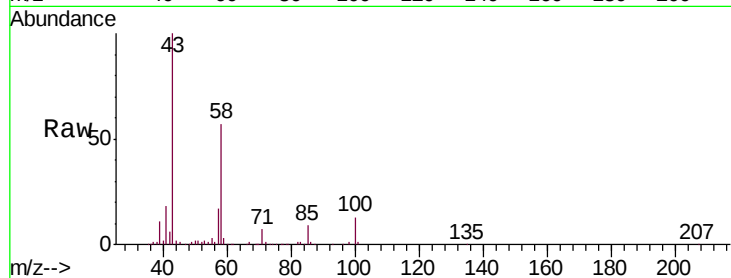
#59
2-Hexanone
Concen: 25.442 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 36233
Ion Ratio Lower Upper
43 100
58 56.5 28.2 84.6

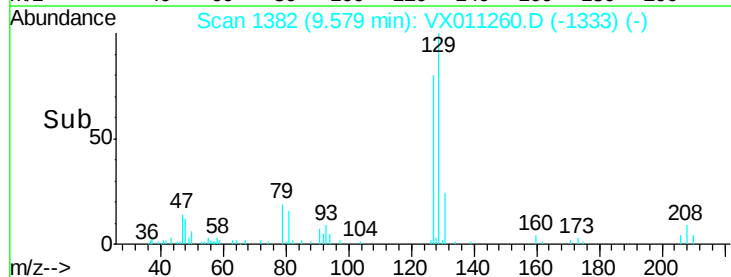
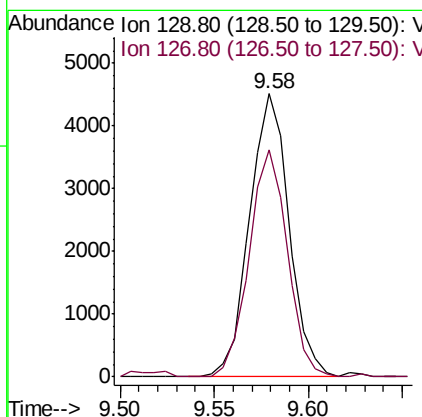
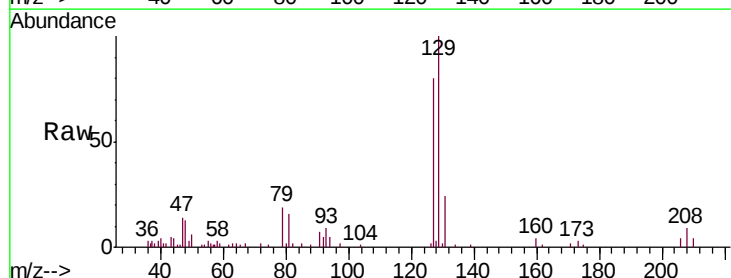
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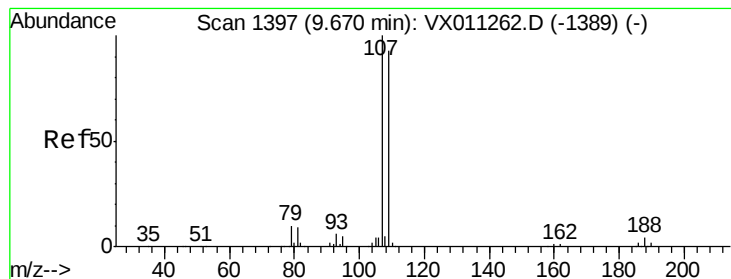
MMDadoda
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#60
Dibromochloromethane
Concen: 4.645 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion: 129 Resp: 6565
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6





#61

1,2-Dibromoethane

Concen: 5.364 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 107 Resp: 7975

Ion Ratio Lower Upper

107 100

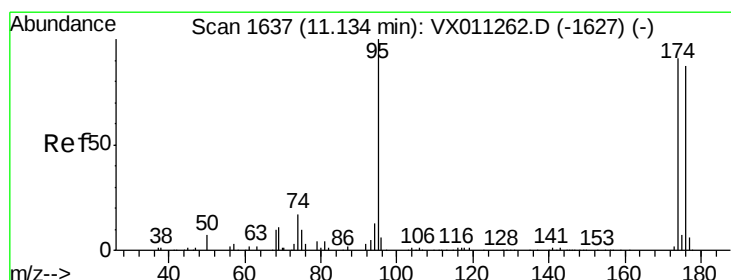
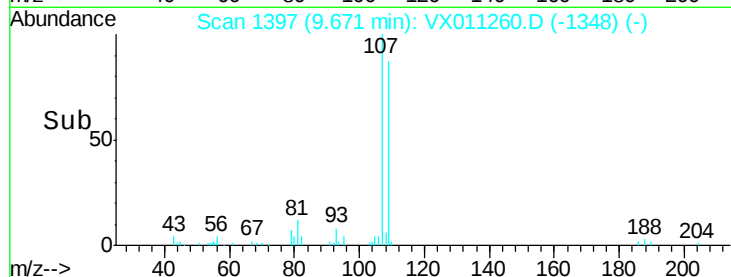
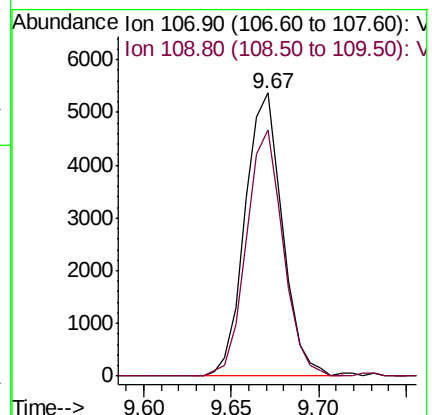
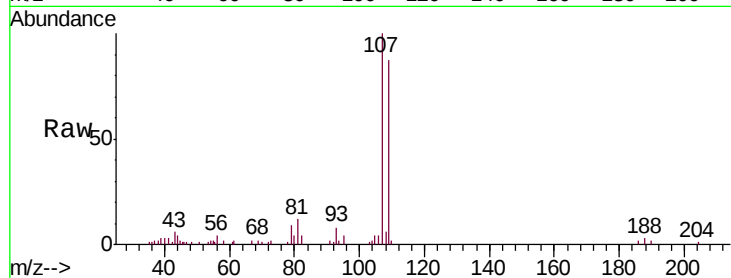
109 85.3 76.6 114.8

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#62

4-Bromofluorobenzene

Concen: 4.839 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

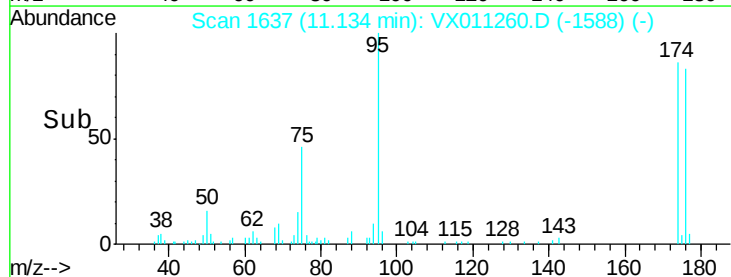
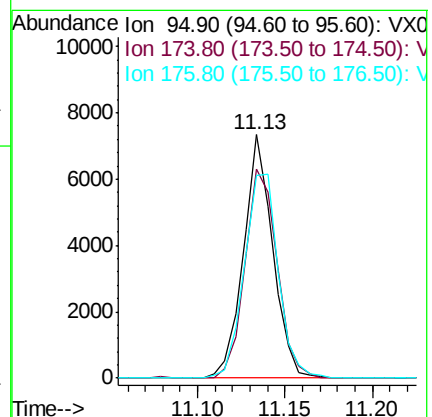
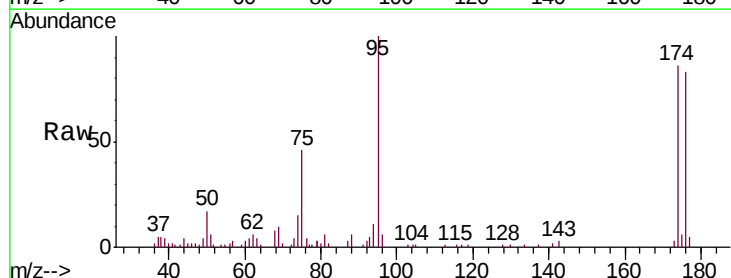
Tgt Ion: 95 Resp: 8555

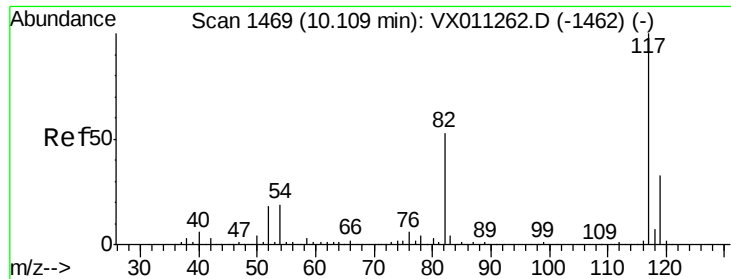
Ion Ratio Lower Upper

95 100

174 94.0 0.0 191.2

176 97.3 0.0 184.8





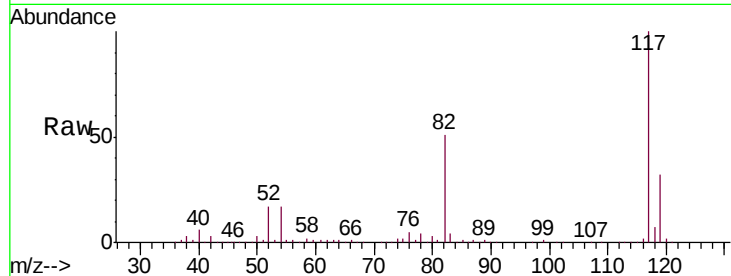
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

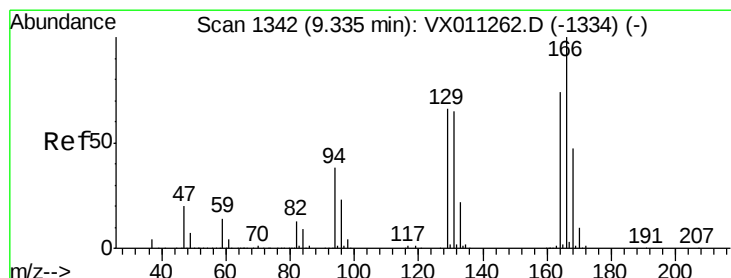
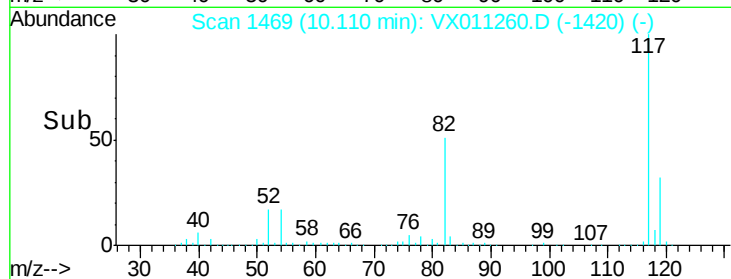
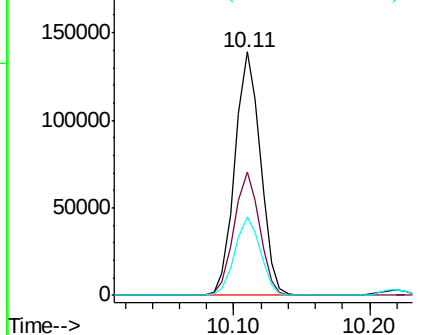
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	182556		
82	50.6	42.2	63.2	
119	32.2	26.6	39.8	

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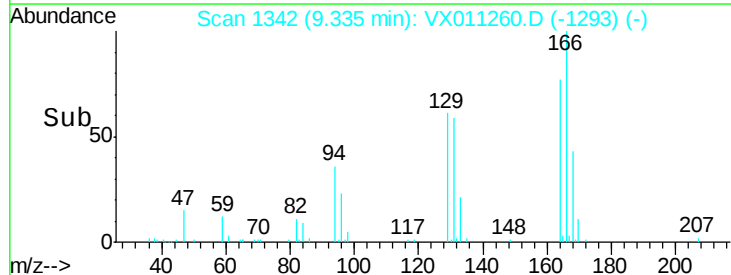
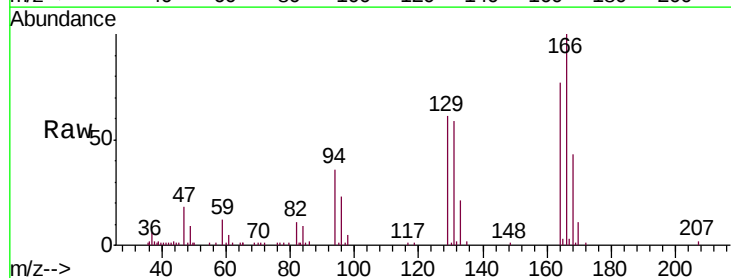
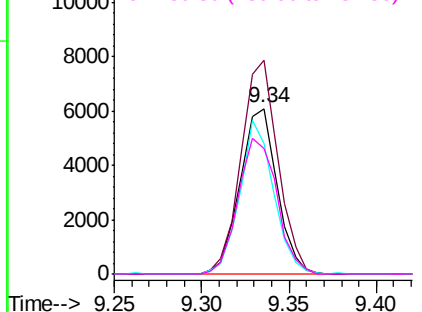
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

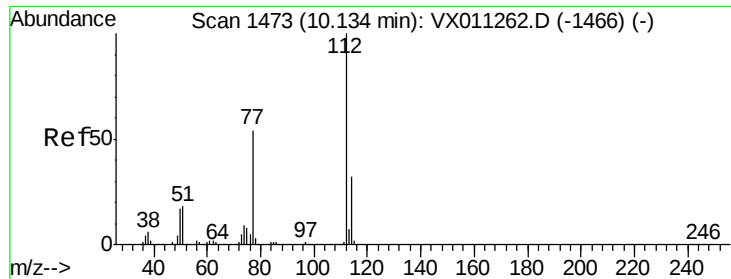


#64
Tetrachloroethene
Concen: 6.147 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	8977		
166	129.1	107.5	161.3	
129	79.1	71.0	106.4	
131	75.9	69.8	104.6	

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





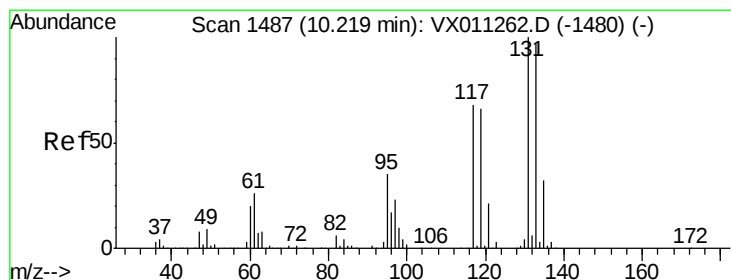
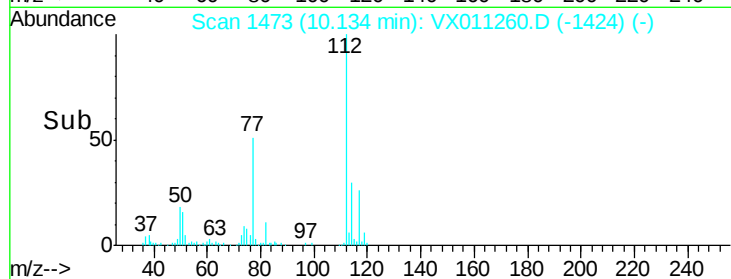
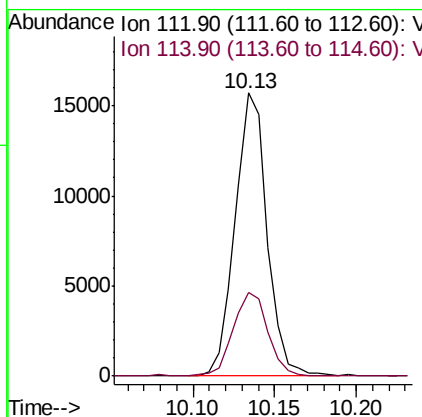
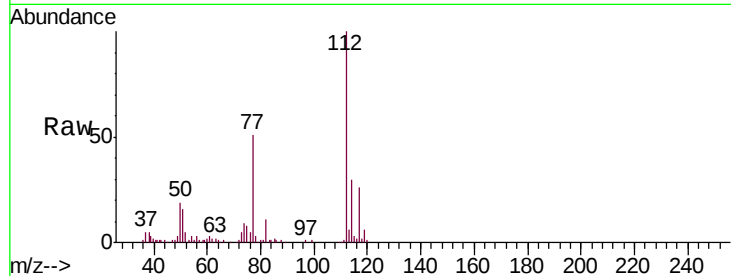
#65
Chlorobenzene
Concen: 5.645 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 21467
Ion Ratio Lower Upper
112 100
114 29.8 25.9 38.9

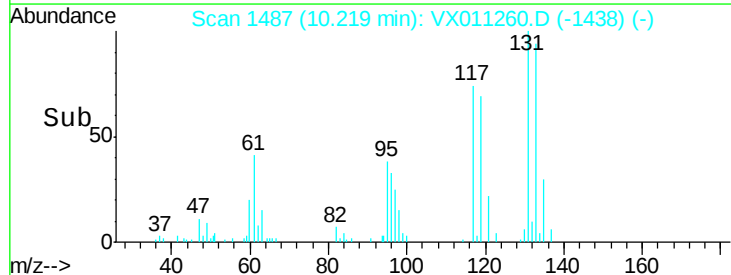
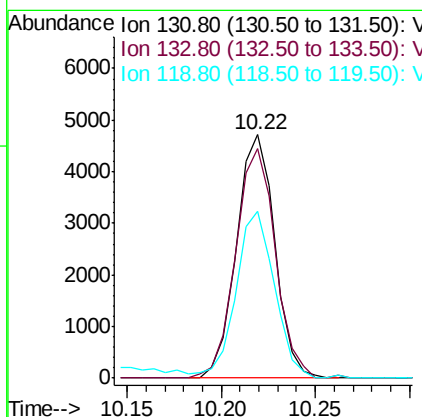
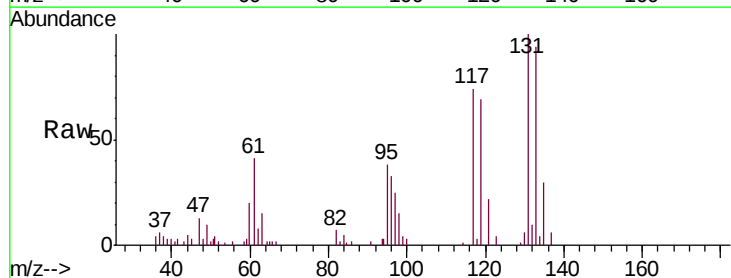
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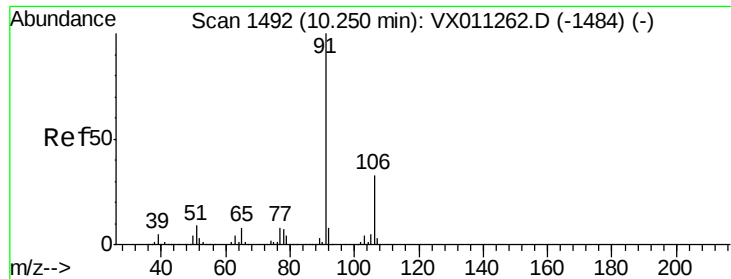
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.000 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion:131 Resp: 6658
Ion Ratio Lower Upper
131 100
133 97.1 47.7 143.1
119 68.8 32.8 98.3





#67

Ethyl Benzene

Concen: 5.417 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 34945

Ion Ratio Lower Upper

91 100

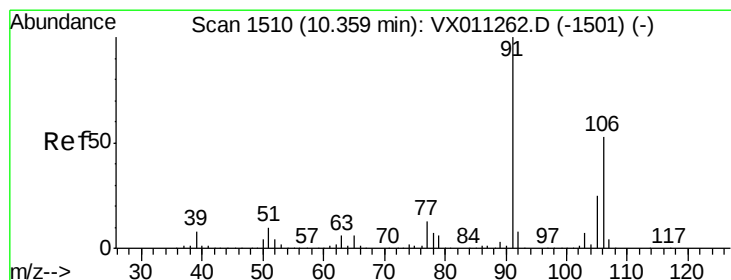
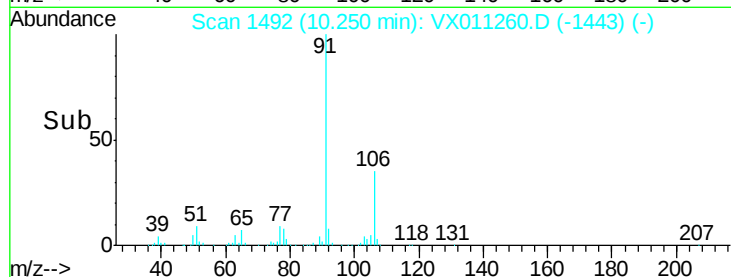
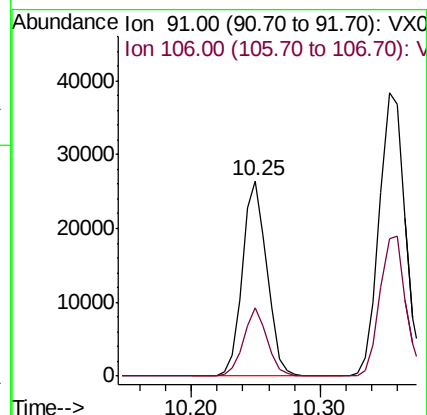
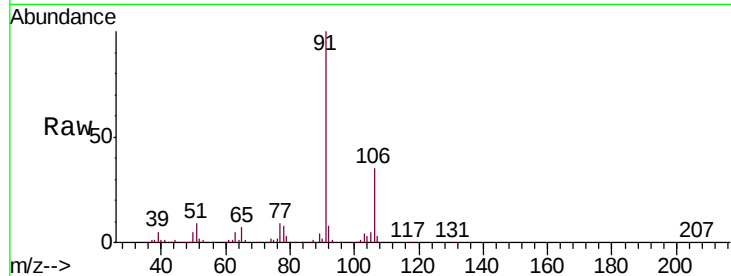
106 35.1 26.2 39.4

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#68

m/p-Xylenes

Concen: 10.517 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX011260.D

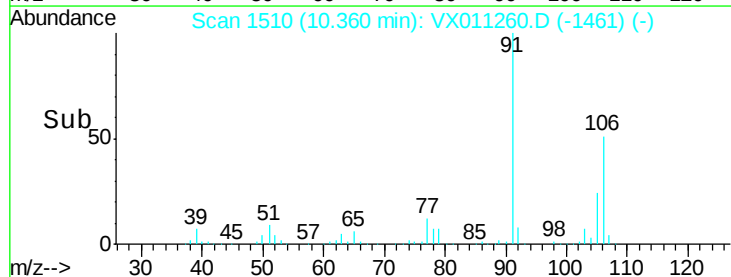
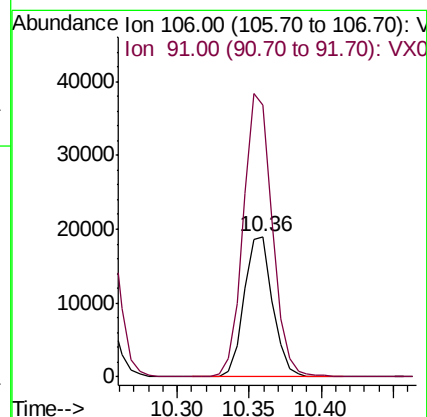
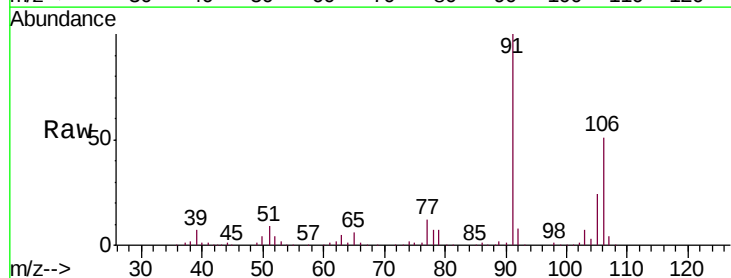
Acq: 01 Aug 2019 15:22

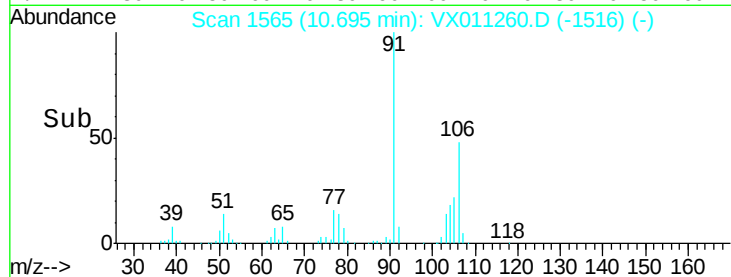
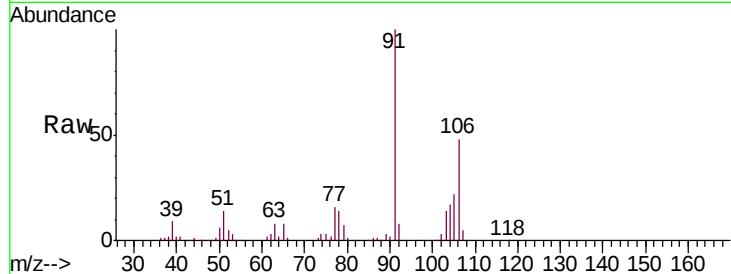
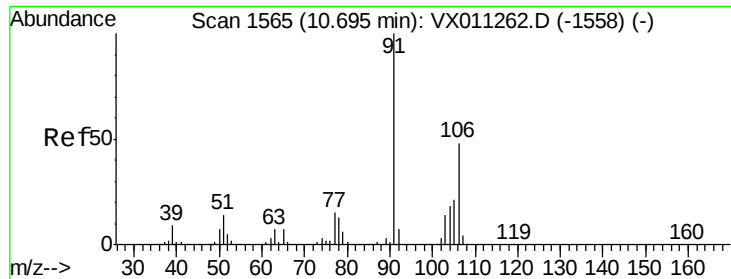
Tgt Ion: 106 Resp: 26157

Ion Ratio Lower Upper

106 100

91 205.7 155.9 233.9





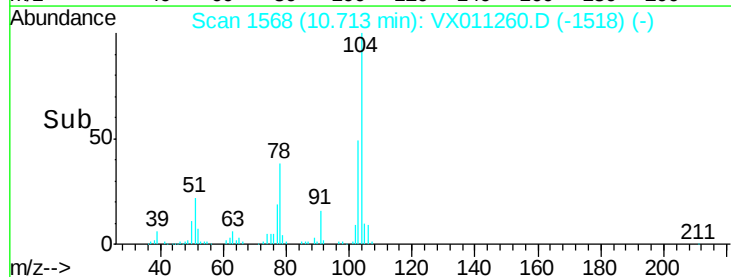
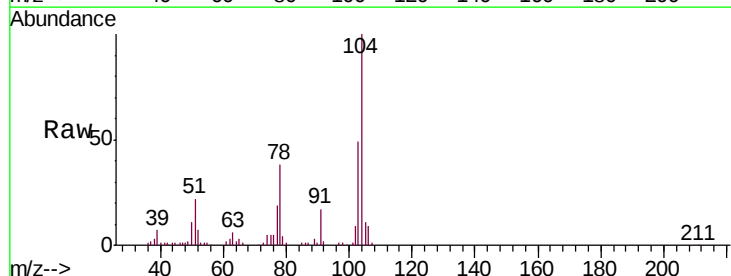
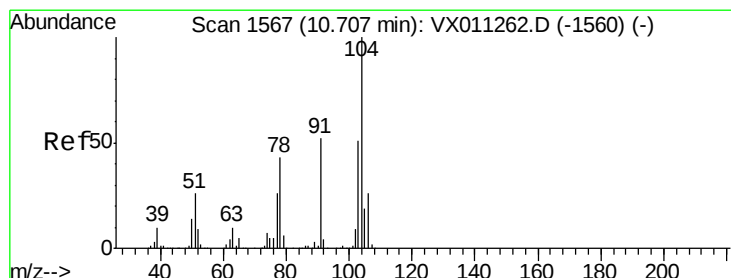
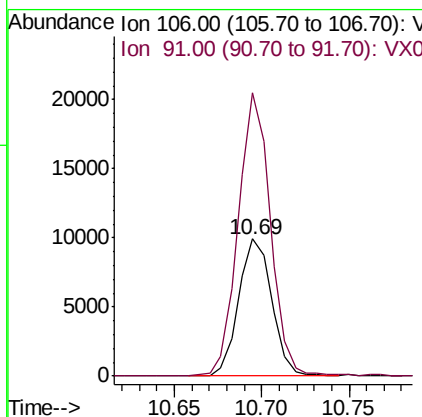
#69
o-Xylene
Concen: 5.430 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion:106 Resp: 13138
Ion Ratio Lower Upper
106 100
91 200.7 103.8 311.3

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

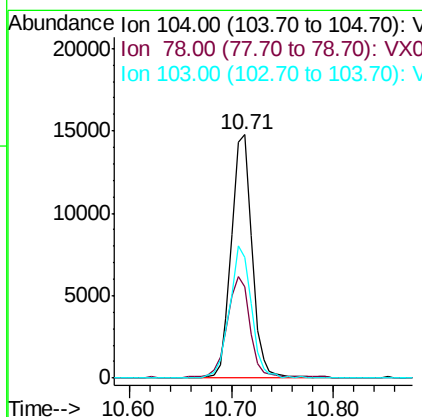
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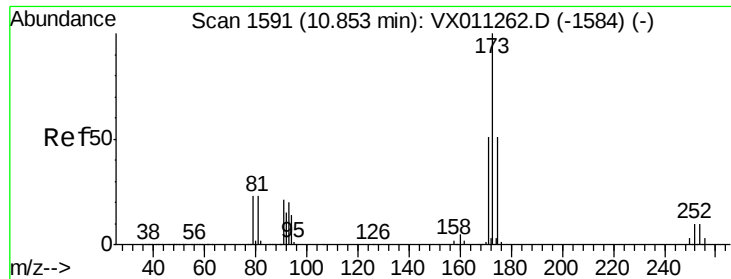
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#70
Styrene
Concen: 5.132 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion:104 Resp: 20728
Ion Ratio Lower Upper
104 100
78 46.4 36.9 55.3
103 57.2 44.4 66.6





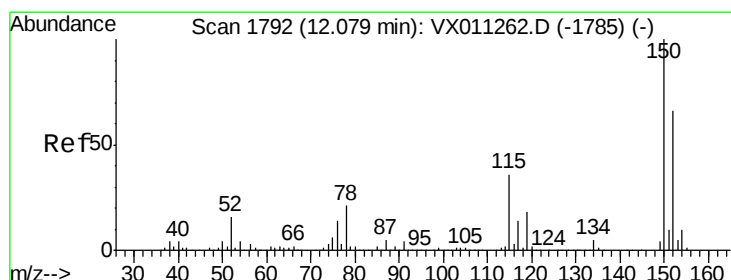
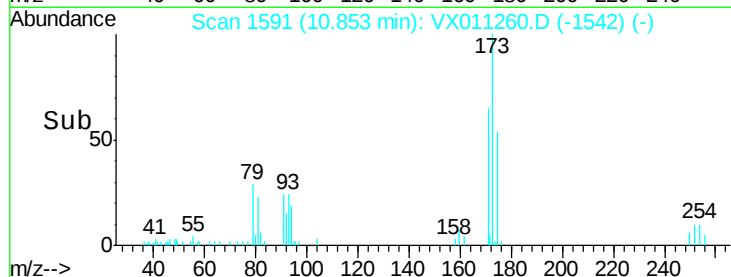
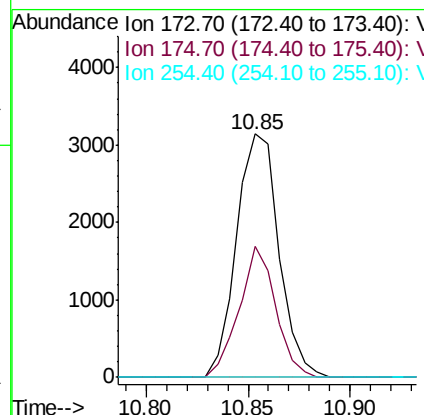
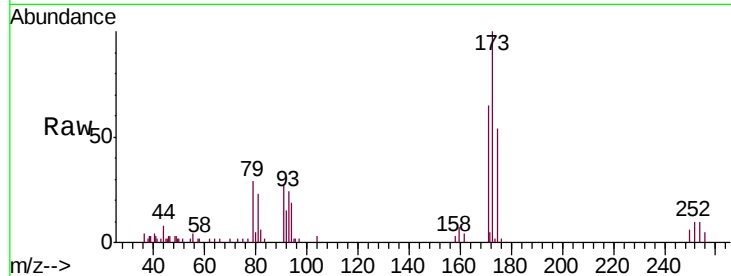
#71
Bromoform
Concen: 4.261 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.2	24.4	73.4
254	0.0	0.2	0.2

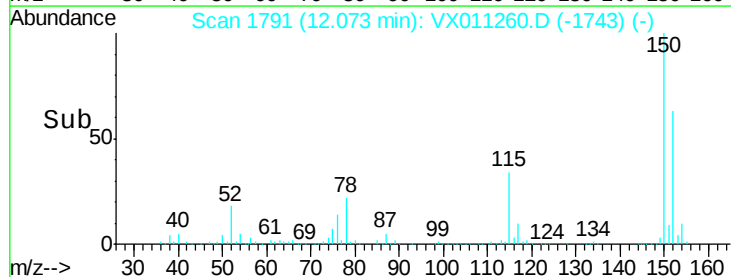
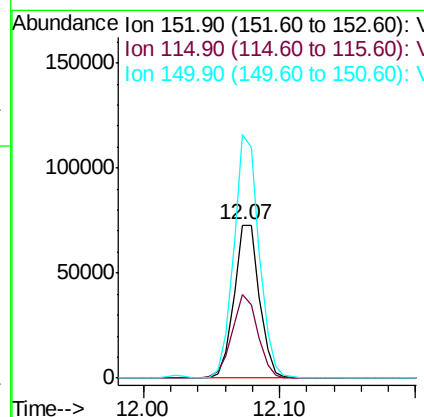
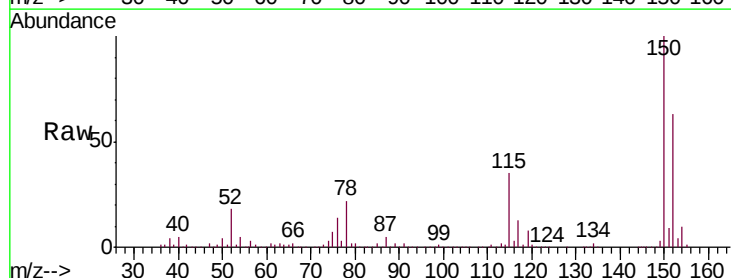
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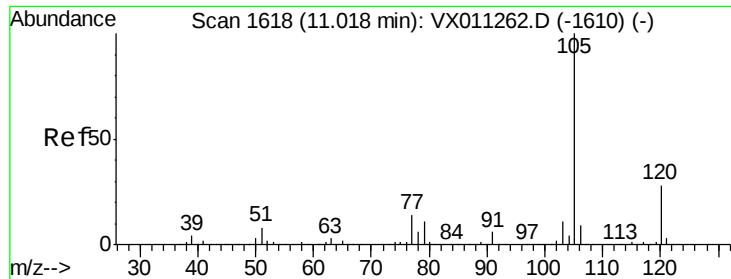
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	40.0	119.9
150	157.9	0.0	350.4





#73

Isopropylbenzene

Concen: 5.364 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 105 Resp: 34348

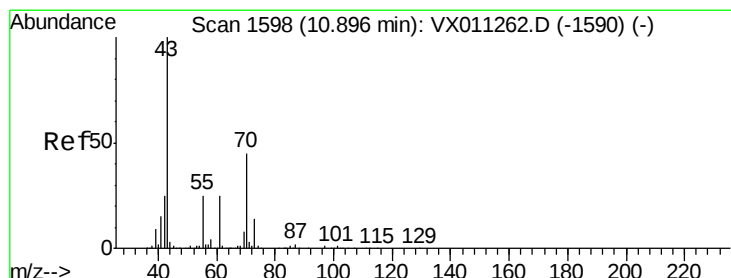
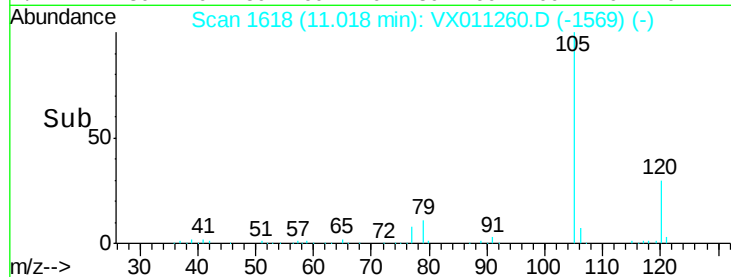
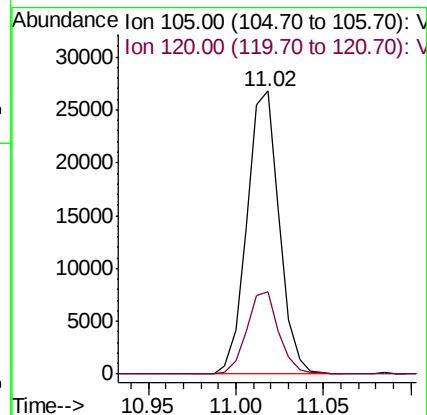
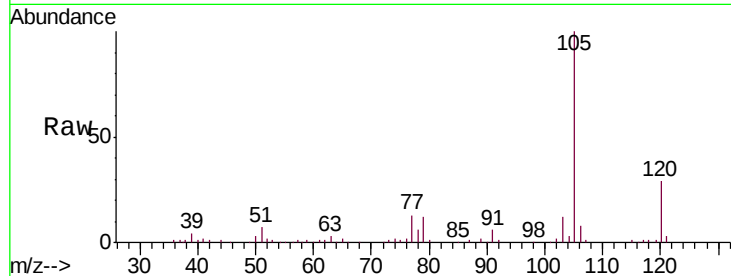
Ion Ratio Lower Upper

105 100

120 28.7 13.7 41.1

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#74

N-ethyl acetate

Concen: 4.505 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Tgt Ion: 43 Resp: 10960

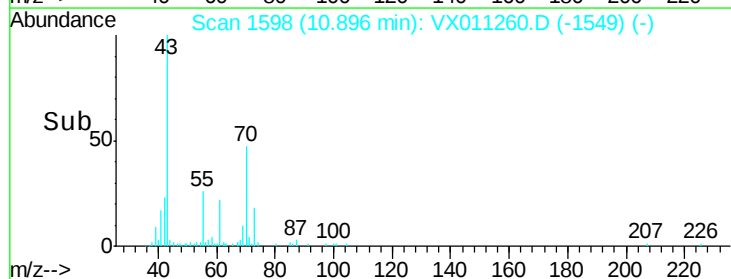
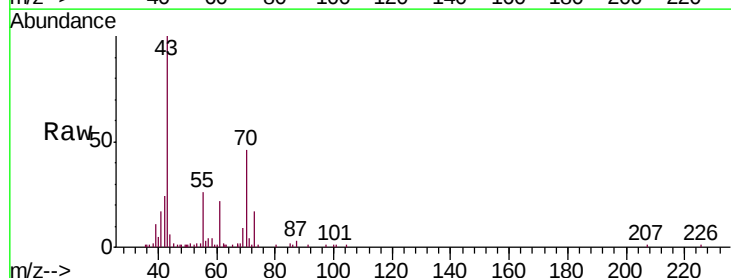
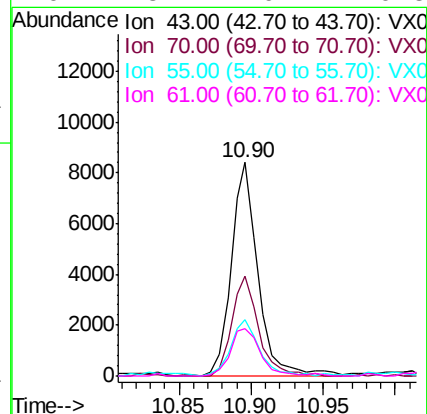
Ion Ratio Lower Upper

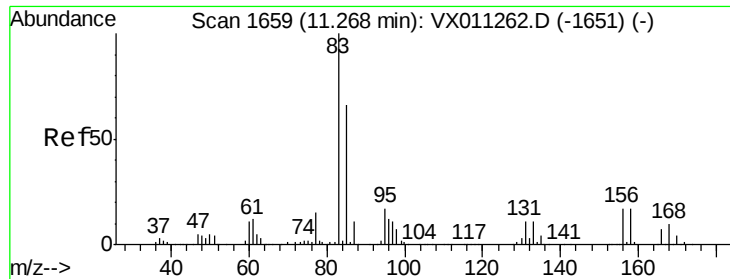
43 100

70 46.7 35.9 53.9

55 28.0 19.8 29.6

61 25.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 5.727 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

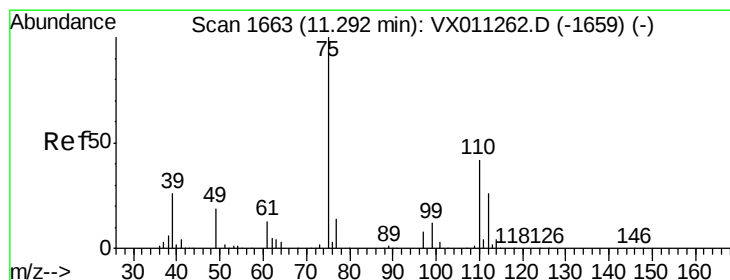
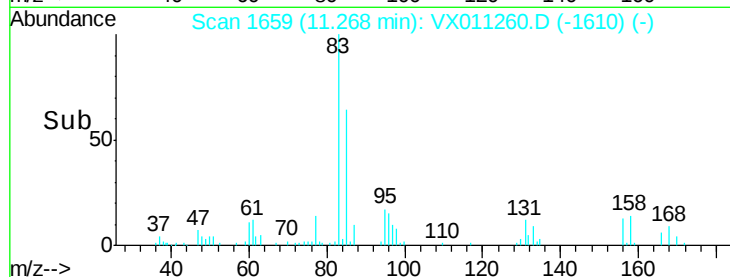
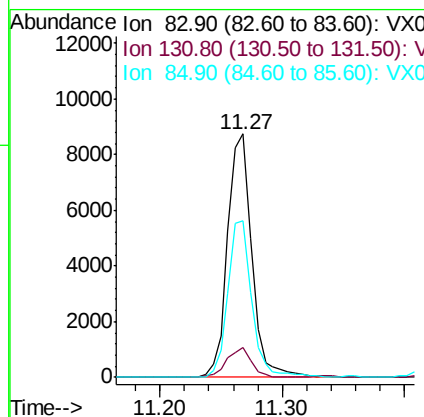
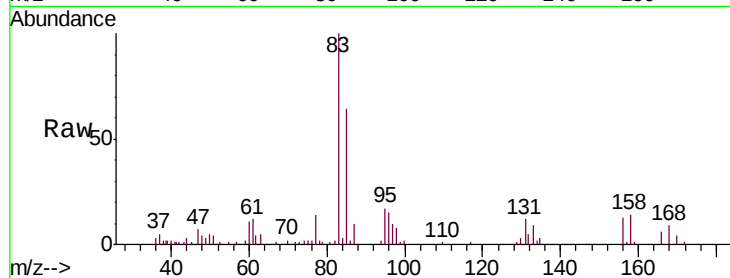
ClientSampleId :

VSTDIC005

Tgt Ion:	83	Resp:	12009
Ion	Ratio	Lower	Upper
83	100		
131	12.1	5.6	16.8
85	63.5	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 5.277 ug/l m

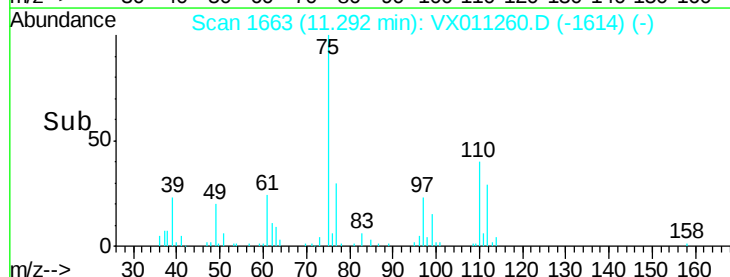
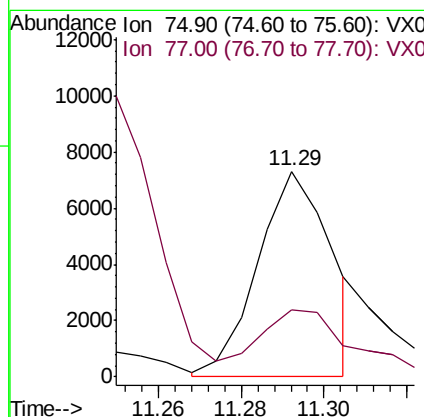
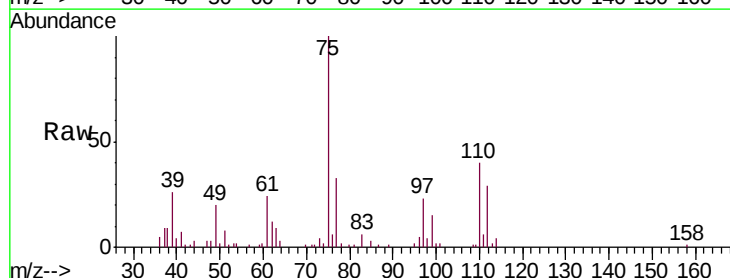
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Tgt Ion:	75	Resp:	9016
Ion	Ratio	Lower	Upper
75	100		
77	42.1	21.1	63.4





#77

Bromobenzene

Concen: 5.281 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

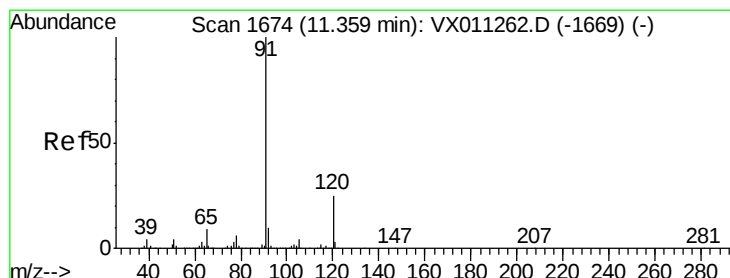
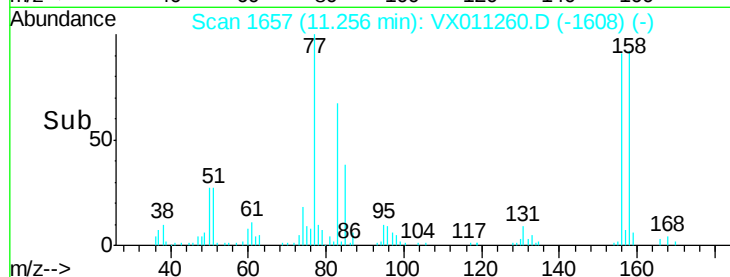
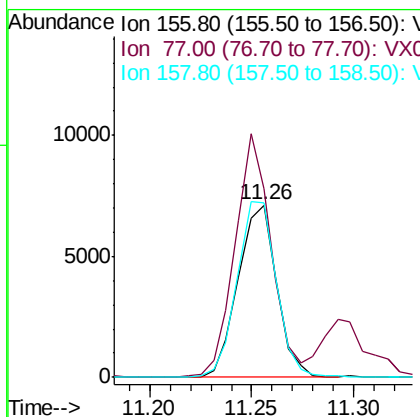
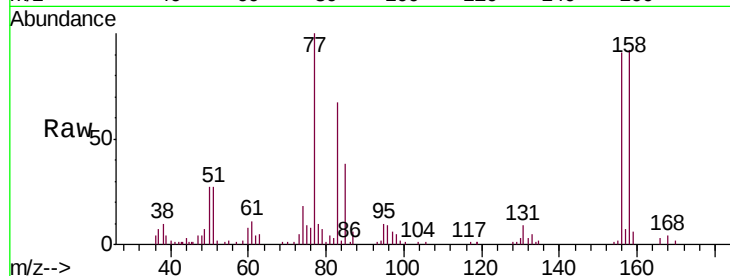
ClientSampled :

VSTDIC005

Tgt Ion:	156	Resp:	9334
Ion	Ratio	Lower	Upper
156	100		
77	132.8	66.2	198.6
158	104.5	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 5.328 ug/l

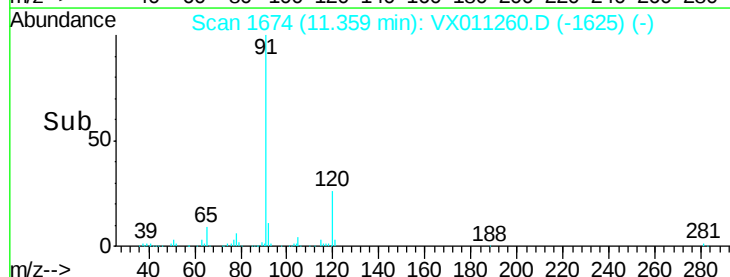
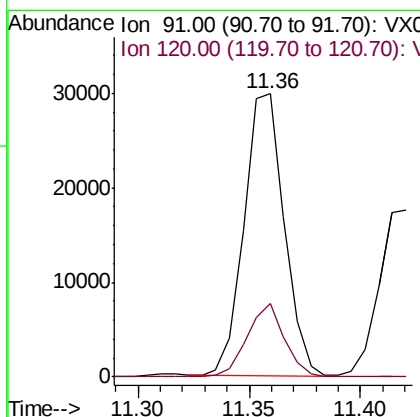
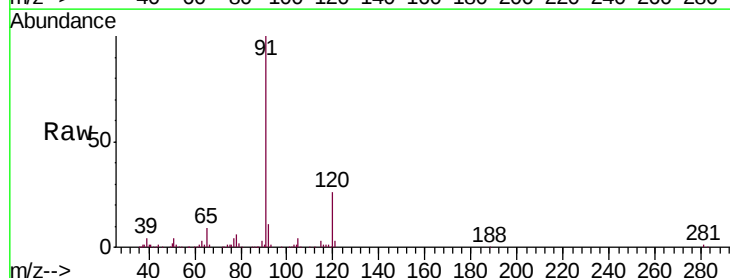
RT: 11.36 min Scan# 1674

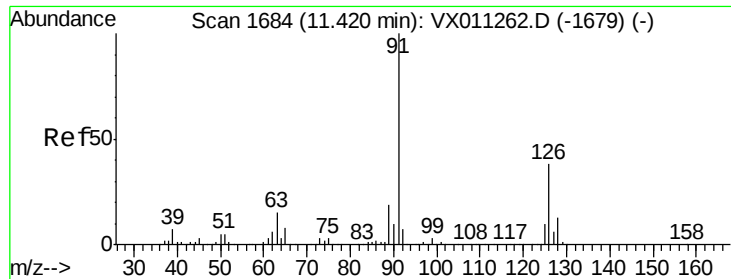
Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Tgt Ion:	91	Resp:	37658
Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.4	37.0





#79

2-Chlorotoluene

Concen: 5.459 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 23120

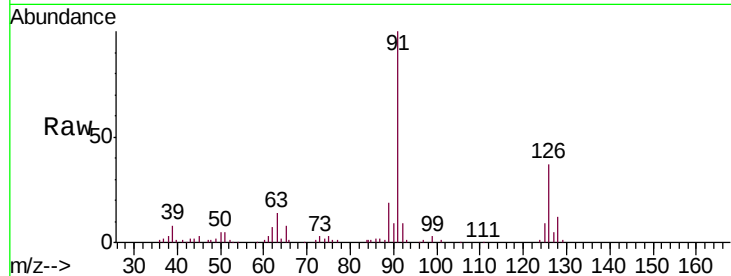
Ion Ratio Lower Upper

91 100

126 36.8 18.5 55.5

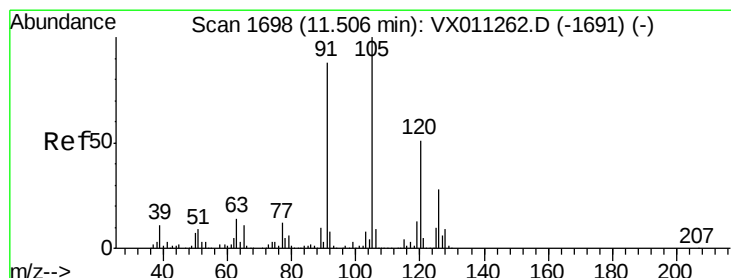
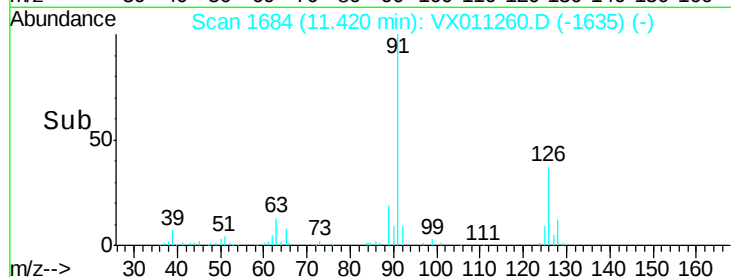
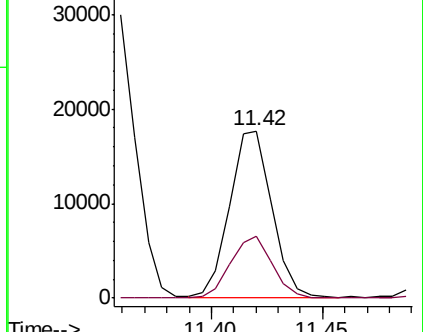
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Abundance Ion 91.00 (90.70 to 91.70): VX011260.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX011260.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.368 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011260.D

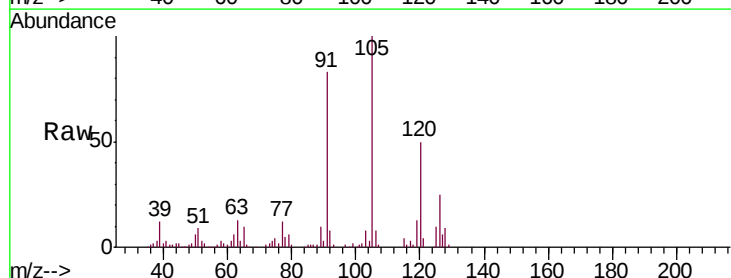
Acq: 01 Aug 2019 15:22

Tgt Ion: 105 Resp: 28600

Ion Ratio Lower Upper

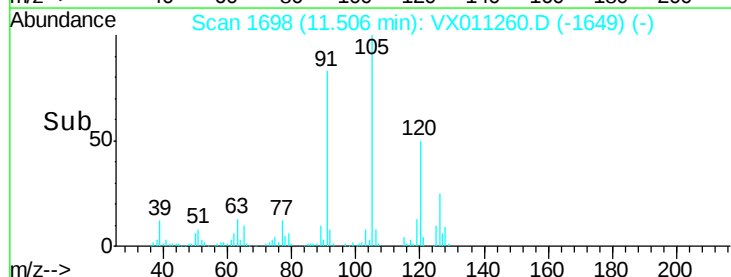
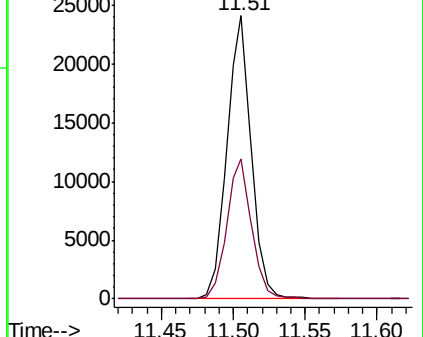
105 100

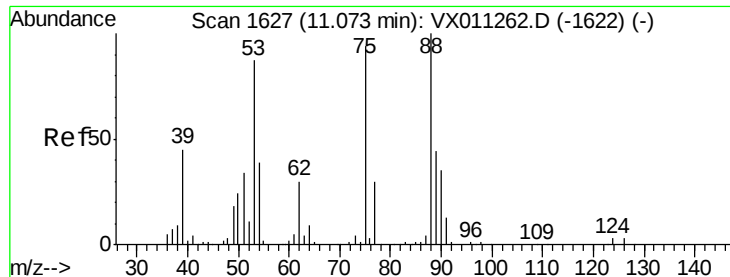
120 50.4 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VX011260.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX011260.D (-1691) (-)





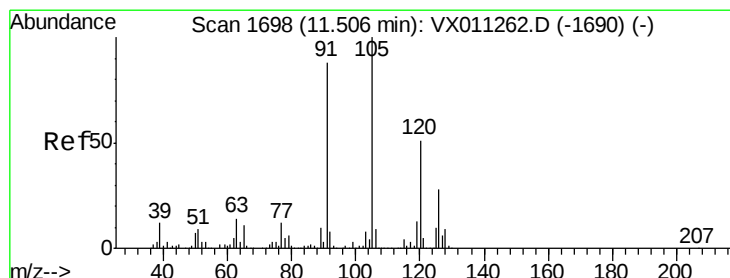
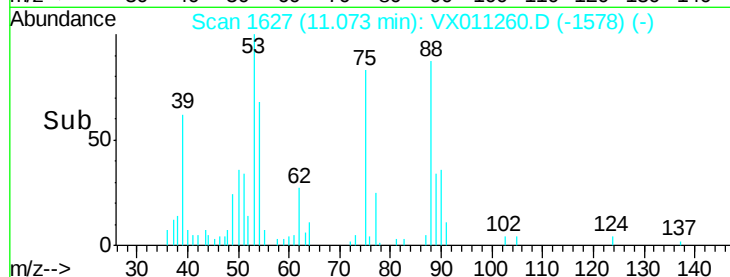
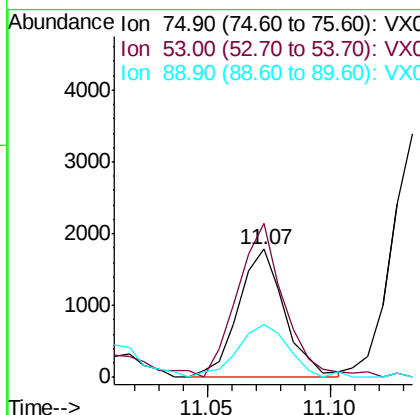
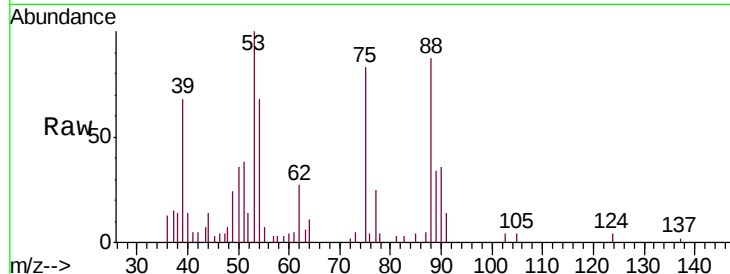
#81
trans-1,4-Dichloro-2-butene
Concen: 3.818 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion: 75 Resp: 2353
Ion Ratio Lower Upper
75 100
53 121.5 78.2 117.4#
89 46.0 37.9 56.9

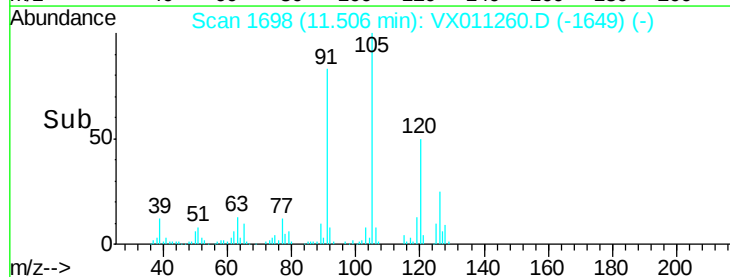
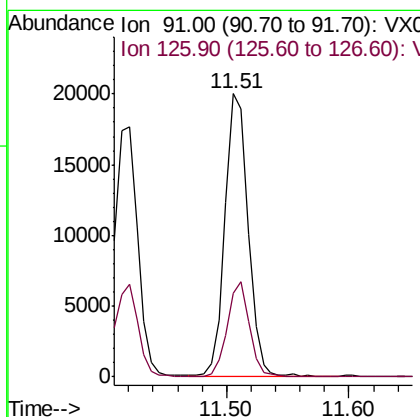
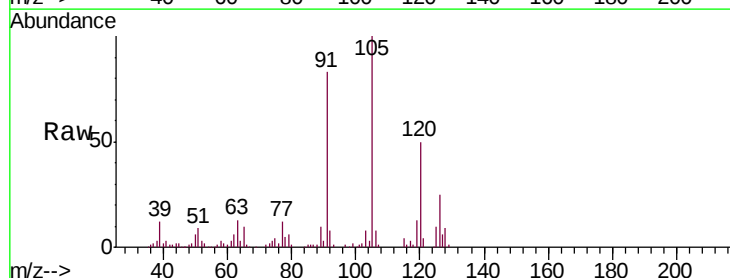
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#82
4-Chlorotoluene
Concen: 5.350 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion: 91 Resp: 26414
Ion Ratio Lower Upper
91 100
126 31.7 16.4 49.2





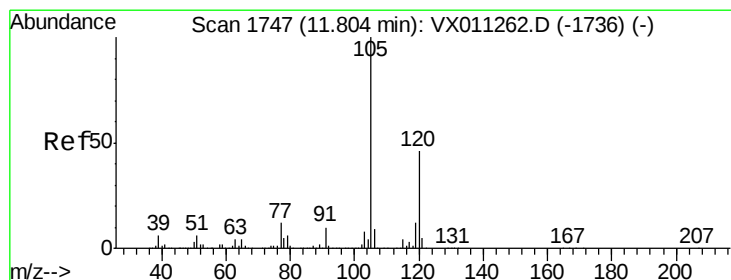
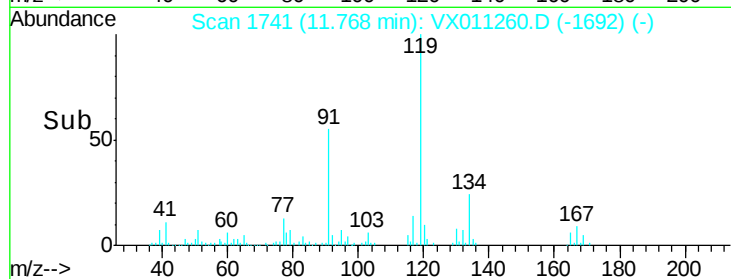
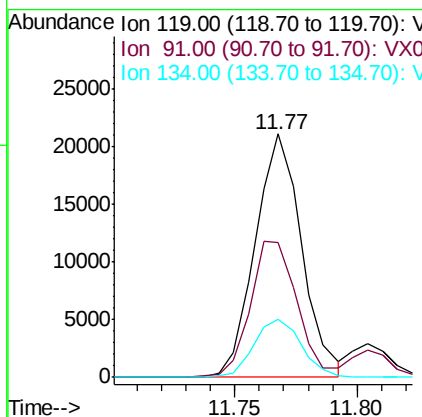
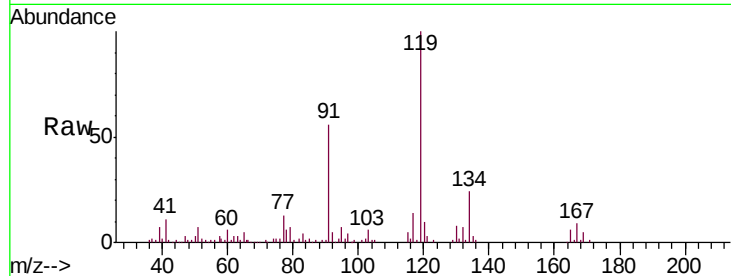
#83
 tert-Butylbenzene
 Concen: 5.309 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.7	28.0	84.0
134	24.1	11.9	35.5

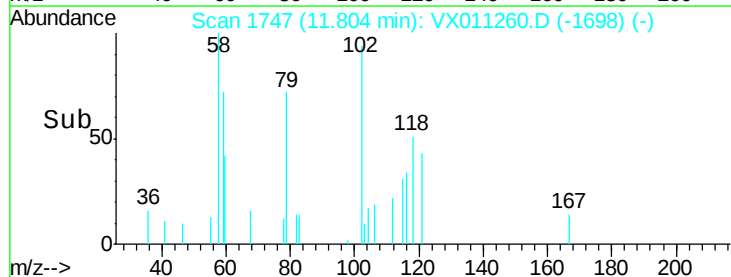
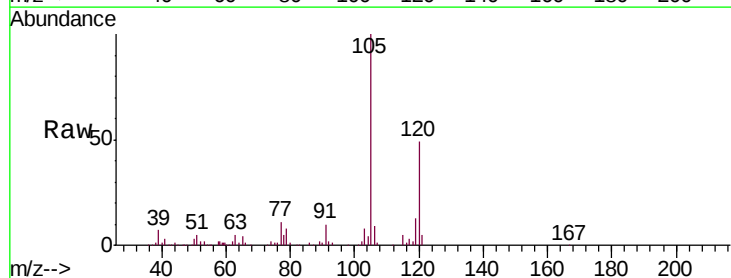
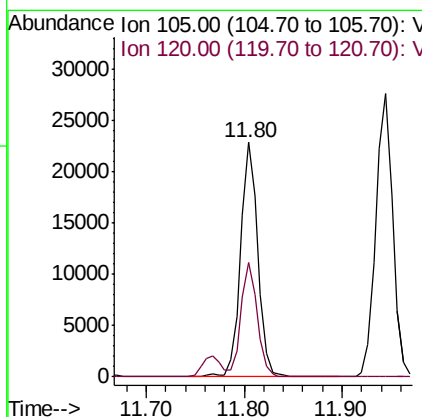
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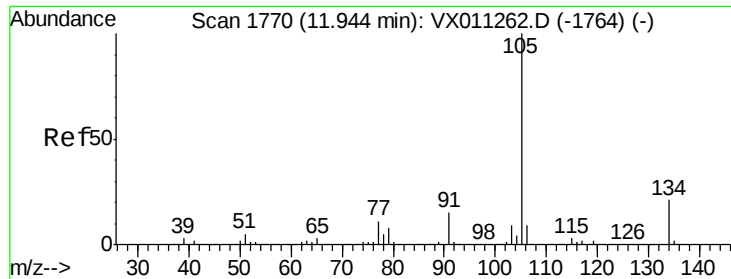
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.192 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.0	69.0





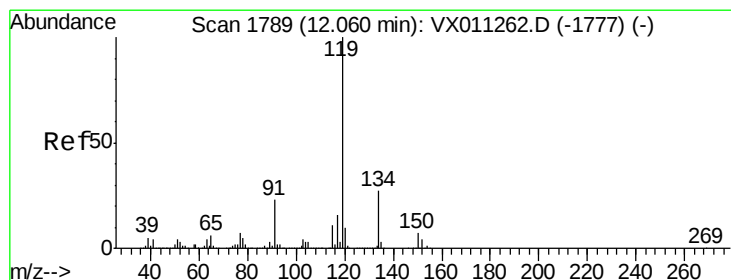
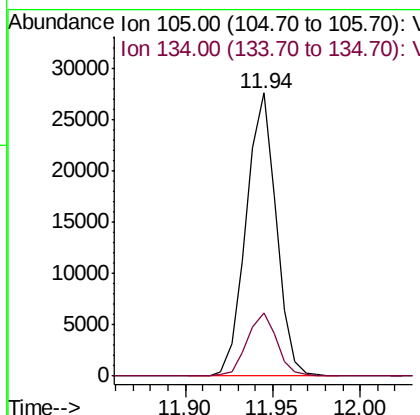
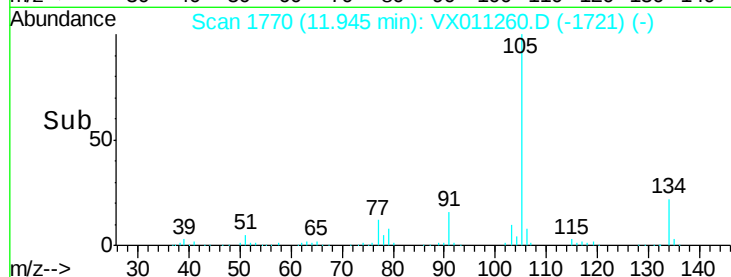
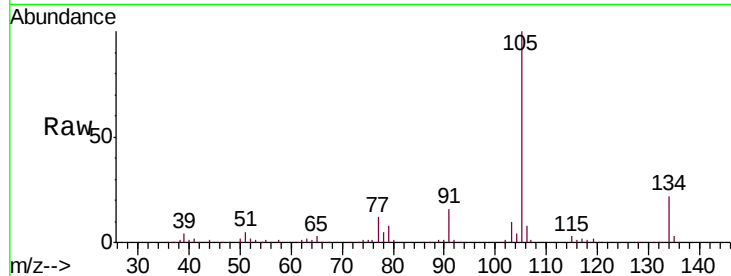
#85
 sec-Butylbenzene
 Concen: 5.390 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
105	100		
134	22.0	10.4	31.4

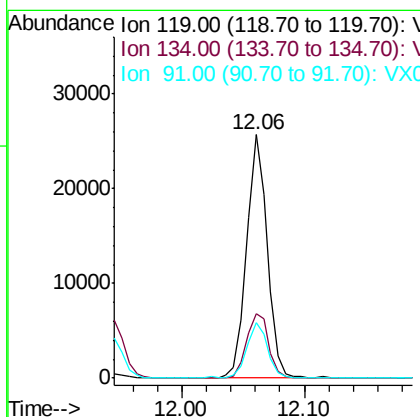
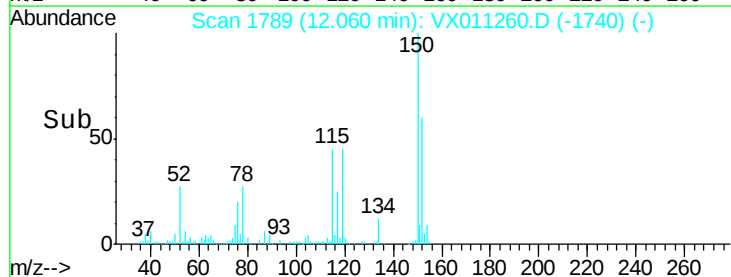
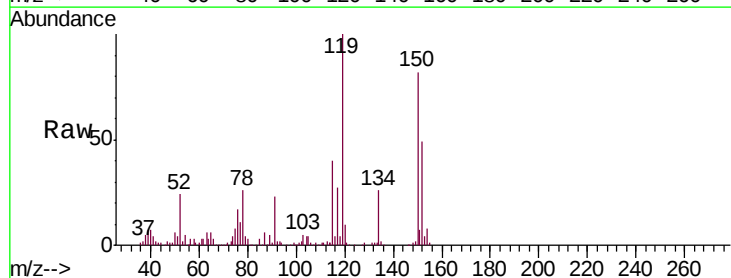
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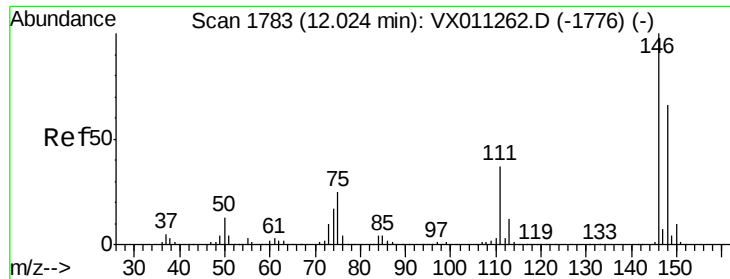
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#86
 p-Isopropyltoluene
 Concen: 5.273 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.6	13.7	41.0
91	23.4	11.4	34.2





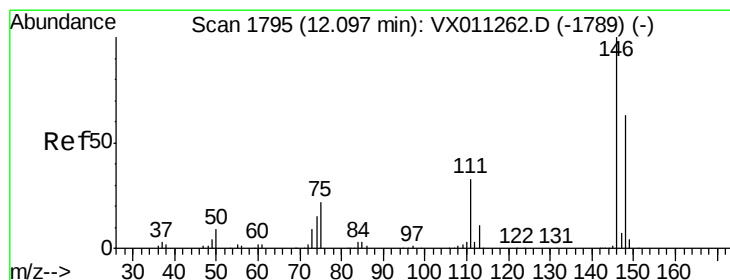
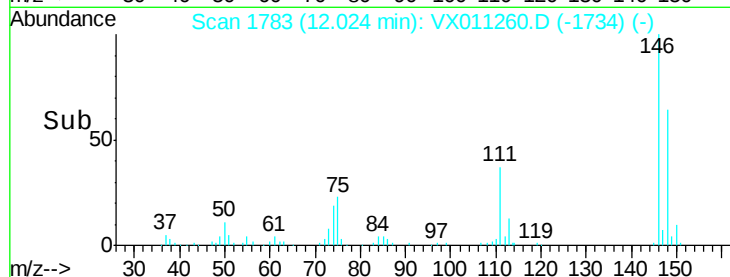
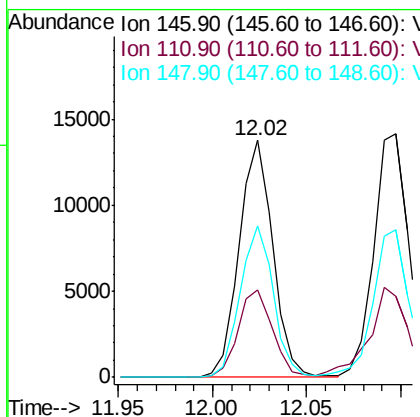
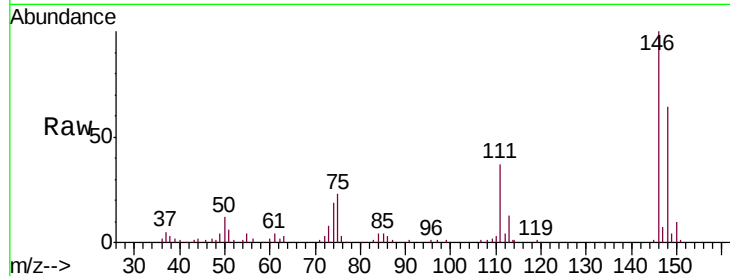
#87
 1,3-Dichlorobenzene
 Concen: 5.583 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	55.8
148	62.7	32.5	97.5

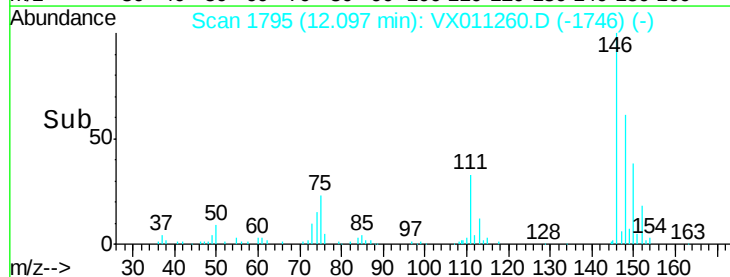
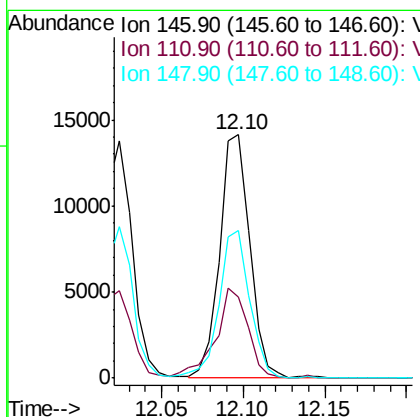
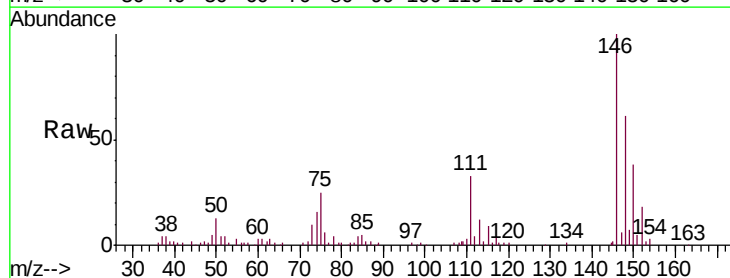
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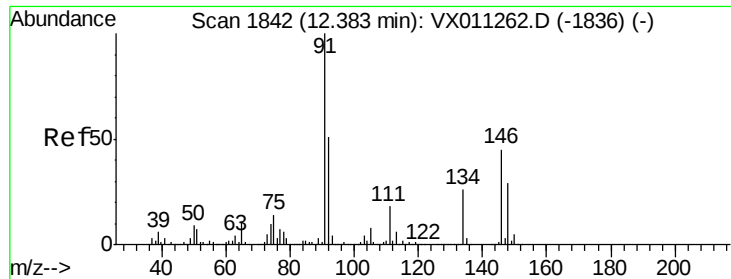
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#88
 1,4-Dichlorobenzene
 Concen: 5.795 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	17.8	53.4
148	61.9	31.8	95.3





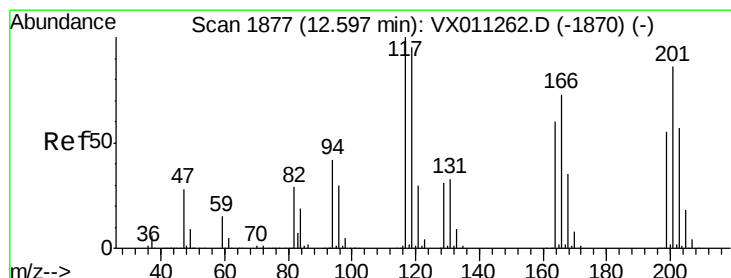
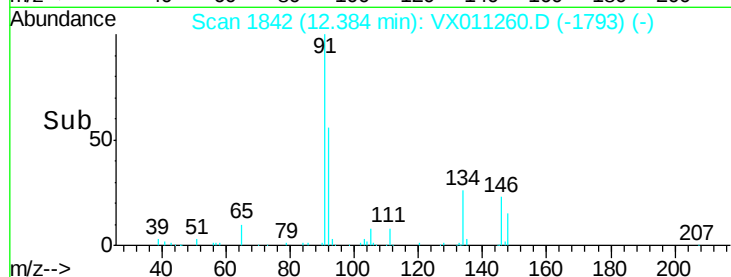
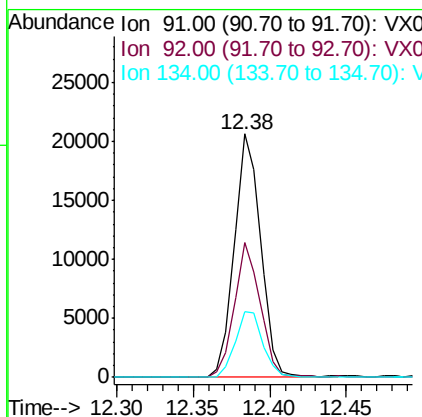
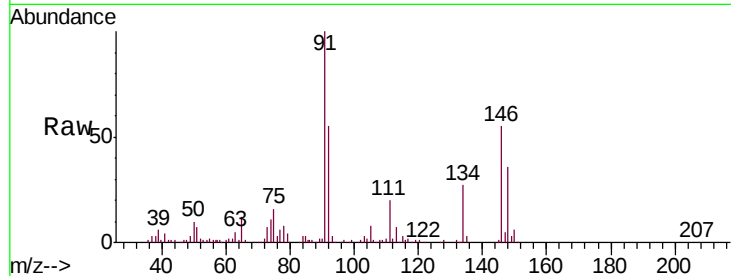
#89
n-Butylbenzene
Concen: 5.067 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.3	25.8	77.3
134	27.9	13.7	41.0

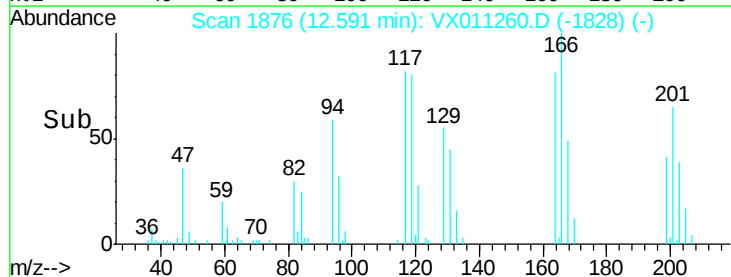
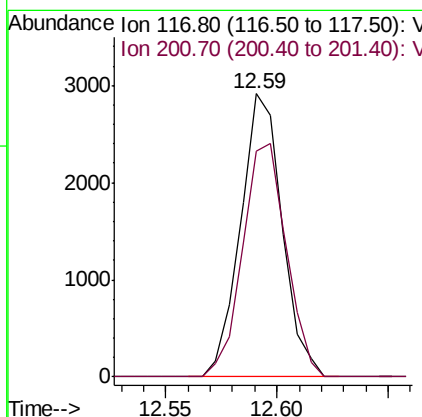
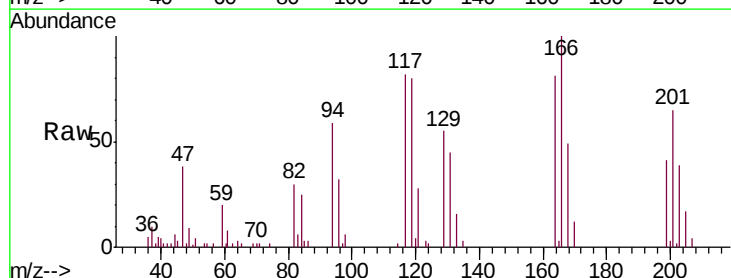
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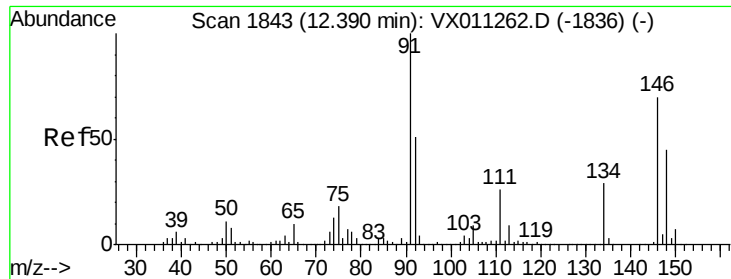
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#90
Hexachloroethane
Concen: 4.251 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.7	41.8	125.4





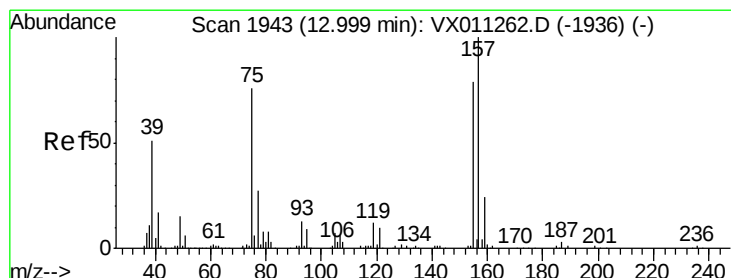
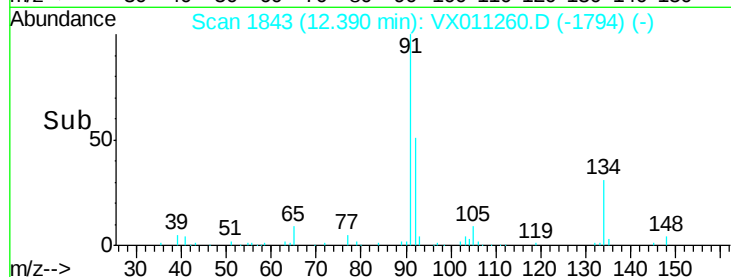
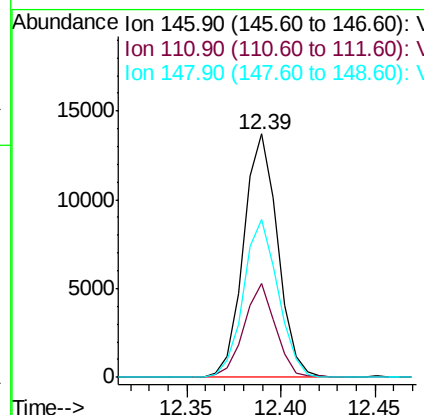
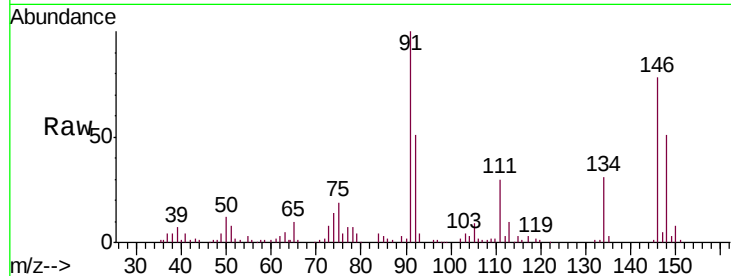
#91
1,2-Dichlorobenzene
Concen: 5.619 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	19.1	57.1
148	65.9	32.3	96.8

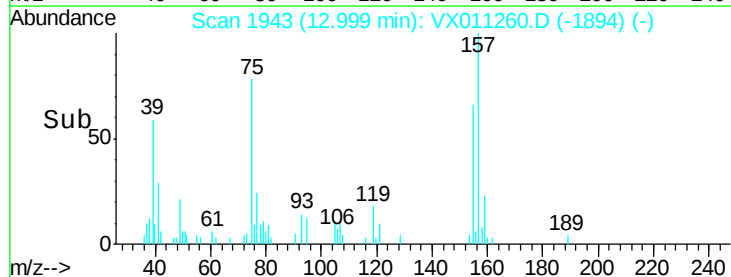
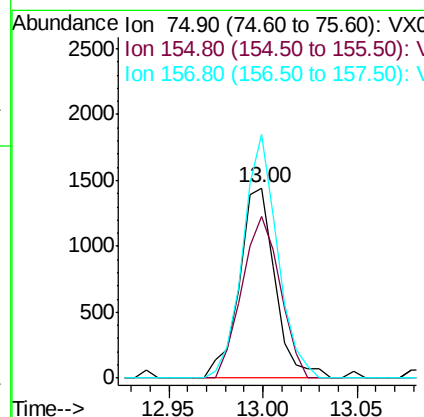
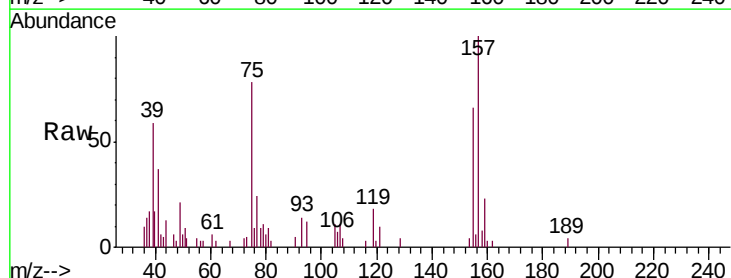
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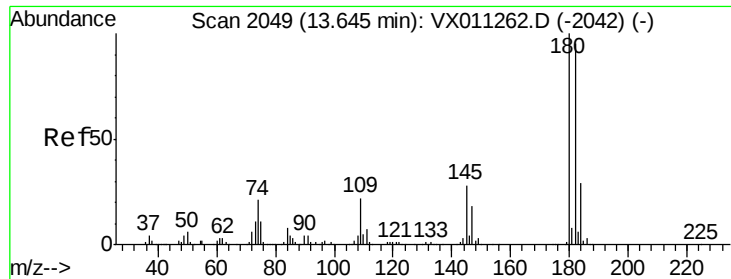
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#92
1,2-Dibromo-3-Chloropropane
Concen: 4.417 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.7	51.9	155.8
157	122.2	64.3	192.7





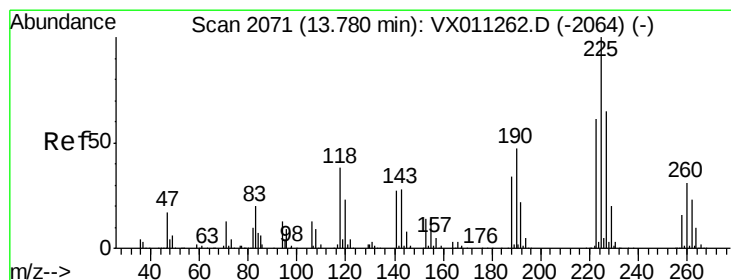
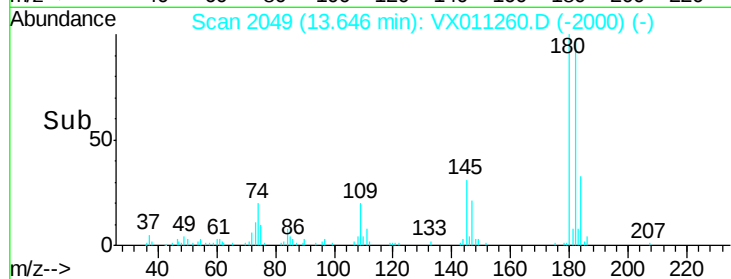
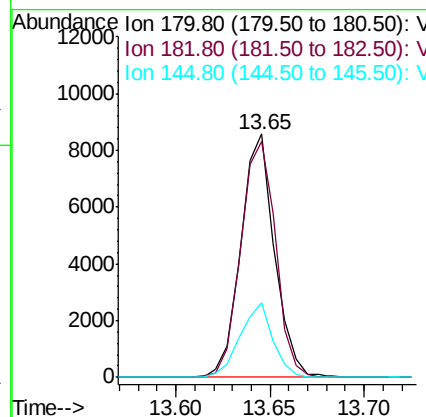
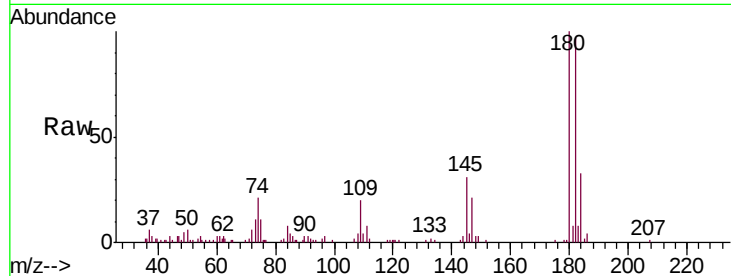
#93
 1,2,4-Trichlorobenzene
 Concen: 5.154 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	10628		
182	100.1	47.8	143.4	
145	29.7	14.8	44.3	

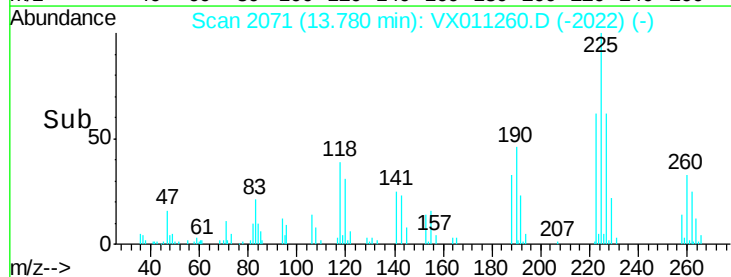
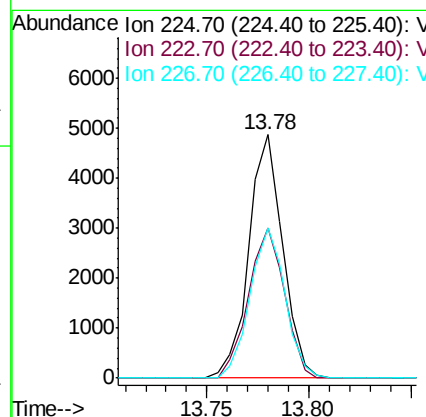
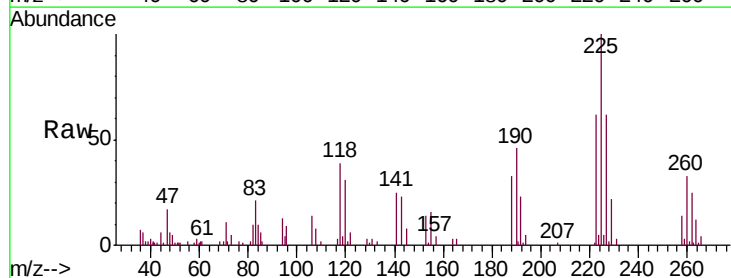
Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:06:52 AM



#94
 Hexachlorobutadiene
 Concen: 5.485 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	5626		
223	65.6	31.0	93.0	
227	63.8	32.2	96.6	





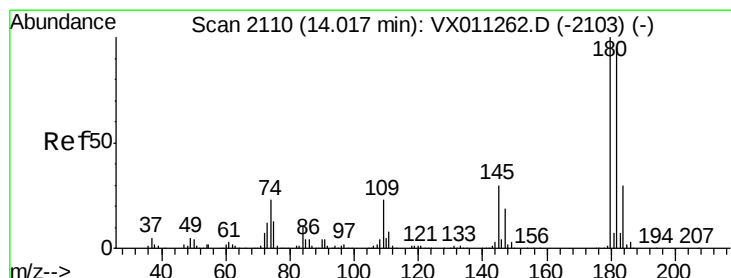
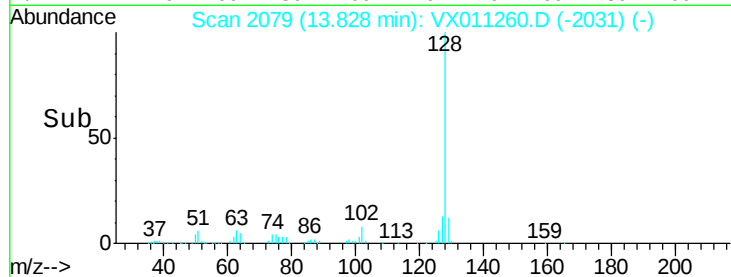
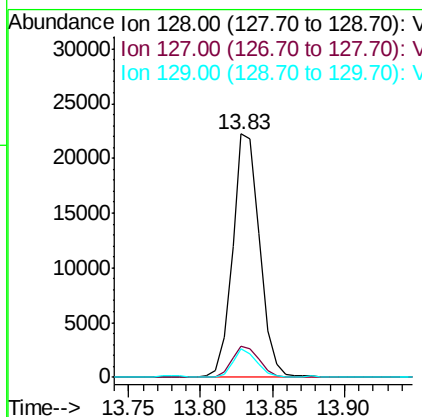
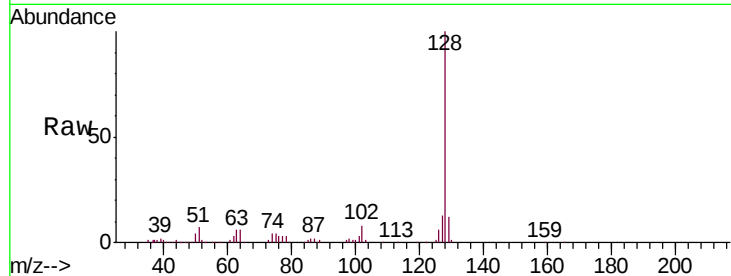
#95
Naphthalene
Concen: 4.804 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	128	Resp:	29281
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.6	8.9	13.3

Manual Integrations
APPROVED

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8/2/2019 9:06:52 AM



#96
1,2,3-Trichlorobenzene
Concen: 5.240 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion:	180	Resp:	10774
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.4	142.3
145	32.7	15.2	45.6

