

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014290.D
 Acq On : 27 Dec 2019 00:29
 Operator : JC/SP
 Sample : VX1226WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS02

Manual Integrations
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 12/27/2019 12:03:27 PM

Quant Time: Dec 27 07:45:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	463381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	737810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	660795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	318800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	281041	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
35) Dibromofluoromethane	5.49	113	229988	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
50) Toluene-d8	8.71	98	885958	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.13	95	310824	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	74235	17.907	ug/l	97
3) Chloromethane	1.32	50	109229	19.634	ug/l	99
4) Vinyl Chloride	1.40	62	111323	18.964	ug/l	99
5) Bromomethane	1.63	94	73381	17.612	ug/l	99
6) Chloroethane	1.72	64	73550	20.300	ug/l	96
7) Trichlorofluoromethane	1.92	101	142100	19.554	ug/l	99
8) Diethyl Ether	2.18	74	68806	20.175	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84968	19.397	ug/l	99
10) Methyl Iodide	2.50	142	94522	18.125	ug/l	98
11) Tert butyl alcohol	3.03	59	117518	103.559	ug/l	99
12) 1,1-Dichloroethene	2.37	96	84653	18.991	ug/l	96
13) Acrolein	2.28	56	58657	90.299	ug/l	98
14) Allyl chloride	2.72	41	159262	20.011	ug/l	97
15) Acrylonitrile	3.13	53	296612	111.985	ug/l	99
16) Acetone	2.43	43	270013	79.194	ug/l	97
17) Carbon Disulfide	2.56	76	212505	17.665	ug/l	99
18) Methyl Acetate	2.77	43	154782	22.910	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	304545	20.792	ug/l	97
20) Methylene Chloride	2.85	84	107859	20.089	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	95577	19.463	ug/l	99
22) Diisopropyl ether	3.84	45	344826	21.743	ug/l	99
23) Vinyl Acetate	3.80	43	1332149	102.930	ug/l	99
24) 1,1-Dichloroethane	3.69	63	181197	20.535	ug/l	98
25) 2-Butanone	4.65	43	417857	99.406	ug/l	99
26) 2,2-Dichloropropane	4.58	77	106860	15.598	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	110847	19.959	ug/l	98
28) Bromochloromethane	5.00	49	78642	23.418	ug/l	98
29) Tetrahydrofuran	5.11	42	264238	112.386	ug/l	99
30) Chloroform	5.20	83	173429	20.734	ug/l	97
31) Cyclohexane	5.57	56	154621	19.703	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	142408	19.976	ug/l	99
36) 1,1-Dichloropropene	5.79	75	122791	18.138	ug/l	99
37) Ethyl Acetate	4.82	43	158815	21.244	ug/l	100
38) Carbon Tetrachloride	5.78	117	117147	18.995	ug/l	95

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	145615	17.420	ug/l	99
40) Benzene	6.14	78	406898	19.534	ug/l	99
41) Methacrylonitrile	5.03	41	86233	20.789	ug/l	98
42) 1,2-Dichloroethane	6.19	62	139836	19.804	ug/l	99
43) Isopropyl Acetate	6.44	43	253877	20.520	ug/l	99
44) Trichloroethene	7.21	130	108397	18.840	ug/l	97
45) 1,2-Dichloropropane	7.51	63	107174	20.074	ug/l	100
46) Dibromomethane	7.65	93	68017	19.269	ug/l	100
47) Bromodichloromethane	7.89	83	130927	19.695	ug/l	95
48) Methyl methacrylate	7.76	41	122705	20.254	ug/l	98
49) 1,4-Dioxane	7.73	88	52341	424.545	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	813977	104.761	ug/l	100
52) Toluene	8.78	92	250426	19.021	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	134799	18.492	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	153541	18.907	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	108483	20.558	ug/l	99
56) Ethyl methacrylate	9.17	69	164470	19.842	ug/l	99
57) 1,3-Dichloropropane	9.37	76	181017	20.389	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	327073	104.268	ug/l	99
59) 2-Hexanone	9.48	43	621440	99.355	ug/l	99
60) Dibromochloromethane	9.57	129	102848	19.608	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109327	20.250	ug/l	99
64) Tetrachloroethene	9.33	164	128096	21.907	ug/l	99
65) Chlorobenzene	10.14	112	267767	19.058	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	98072	19.549	ug/l	99
67) Ethyl Benzene	10.25	91	469287	19.428	ug/l	99
68) m/p-Xylenes	10.36	106	348756	37.539	ug/l	97
69) o-Xylene	10.70	106	173128	19.001	ug/l	98
70) Styrene	10.71	104	289583	18.795	ug/l	98
71) Bromoform	10.85	173	77033	19.103	ug/l	99
73) Isopropylbenzene	11.01	105	455939	20.313	ug/l	100
74) N-amyl acetate	10.89	43	210582	20.015	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	158045	20.309	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	133474m	19.285	ug/l	
77) Bromobenzene	11.25	156	118489	19.186	ug/l	99
78) n-propylbenzene	11.35	91	504153	20.024	ug/l	99
79) 2-Chlorotoluene	11.42	91	306626	20.035	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	371966	19.691	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43062	17.561	ug/l	92
82) 4-Chlorotoluene	11.51	91	345135	19.441	ug/l	100
83) tert-Butylbenzene	11.76	119	346549	18.851	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	376323	19.892	ug/l	100
85) sec-Butylbenzene	11.94	105	423317	19.506	ug/l	99
86) p-Isopropyltoluene	12.06	119	389886	19.640	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	205083	18.948	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	201554	18.314	ug/l	99
89) n-Butylbenzene	12.39	91	315513	18.626	ug/l	99
90) Hexachloroethane	12.59	117	66978	18.784	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	206375	18.941	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32949	19.133	ug/l	99

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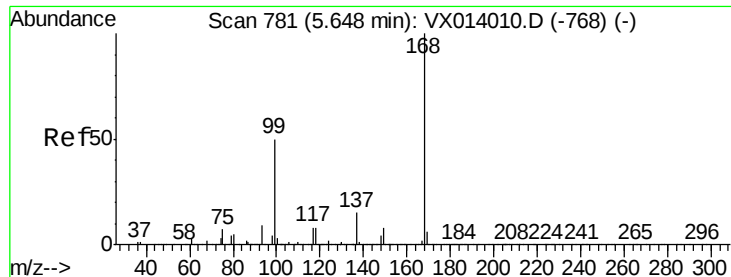
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	128438	18.137	ug/l	97
94) Hexachlorobutadiene	13.78	225	61261	18.000	ug/l	96
95) Naphthalene	13.83	128	410395	19.724	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134358	19.220	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

Tot Ion:168 Resp: 463381

Ion Ratio Lower Upper

168 100

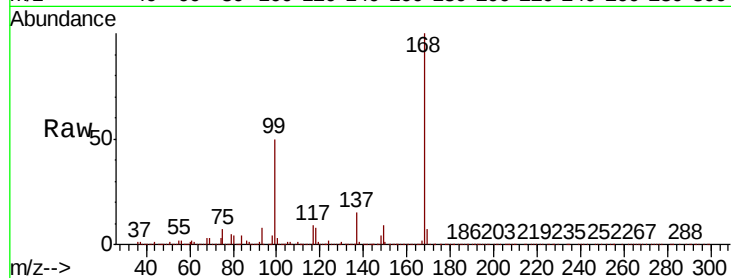
99 49.5 40.3 60.5

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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

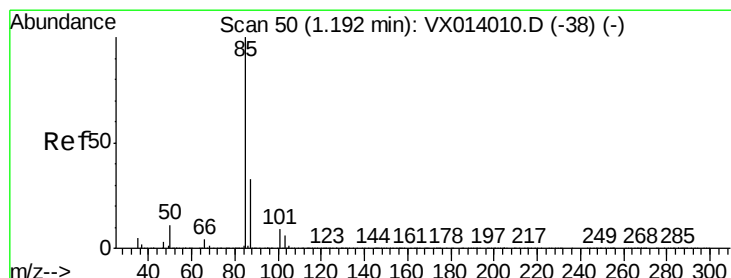
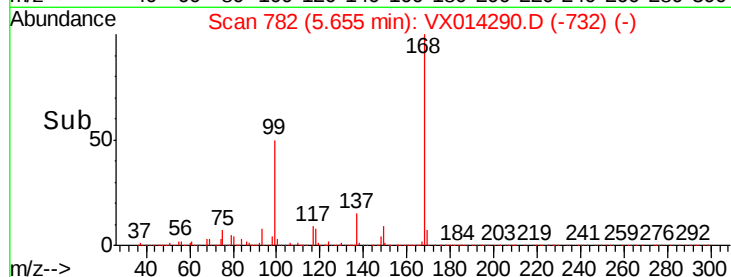
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.907 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014290.D

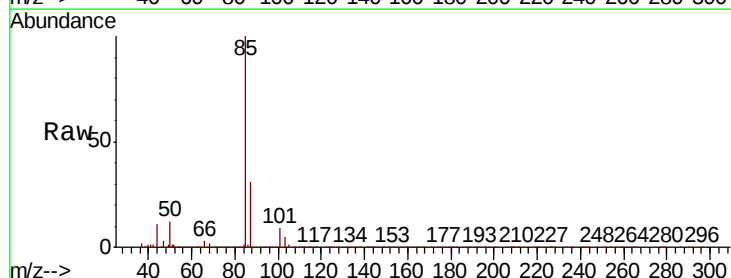
Acq: 27 Dec 2019 00:29

Tgt Ion: 85 Resp: 74235

Ion Ratio Lower Upper

85 100

87 31.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

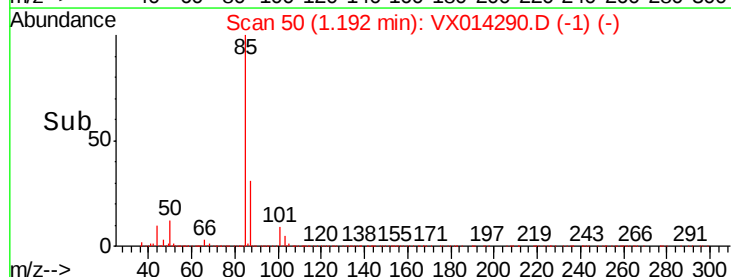
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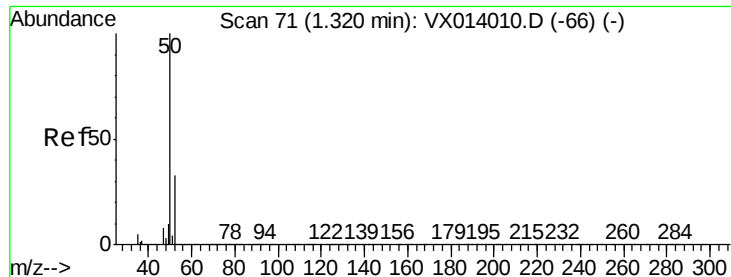
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20000

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Time-->





#3

Chloromethane

Concen: 19.634 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

Tot Ion: 50 Resp: 109229

Ion Ratio Lower Upper

50 100

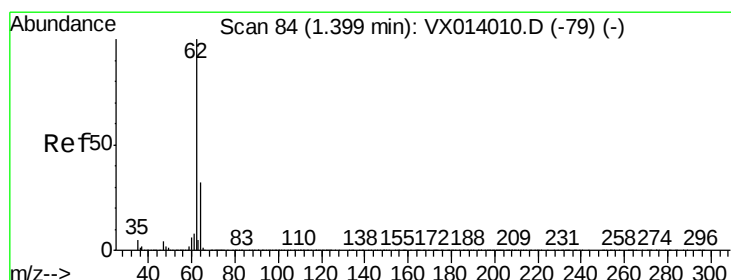
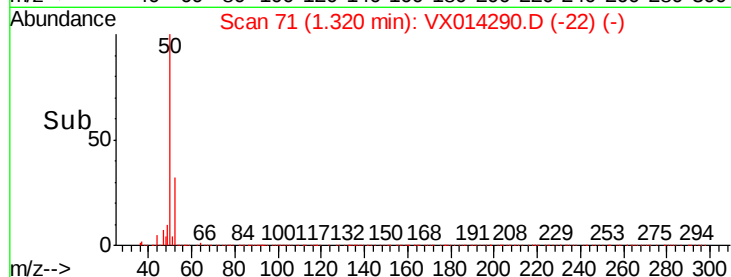
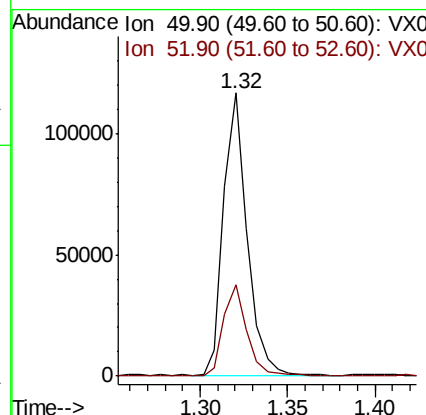
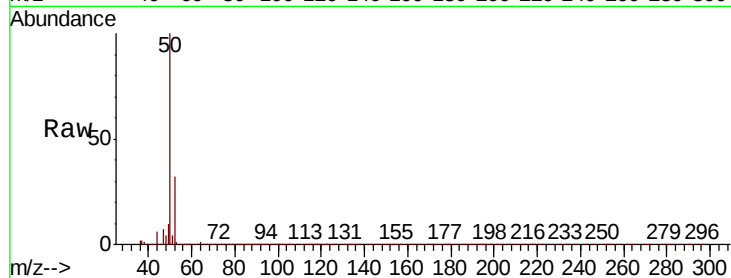
52 32.2 26.2 39.4

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#4

Vinyl Chloride

Concen: 18.964 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014290.D

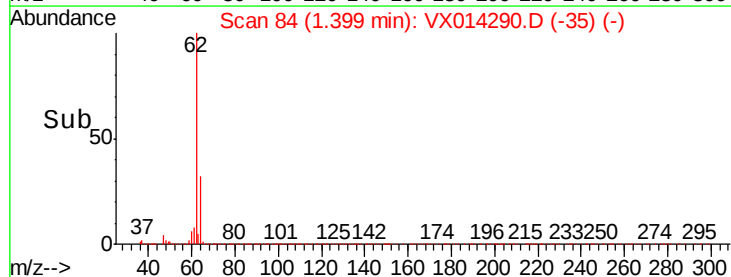
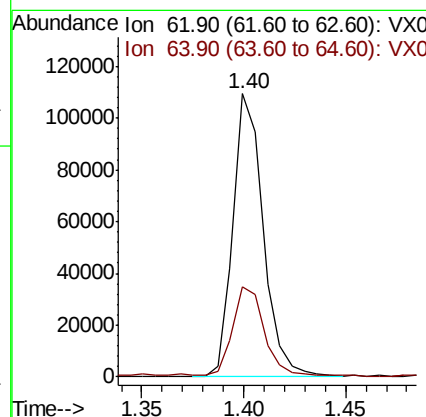
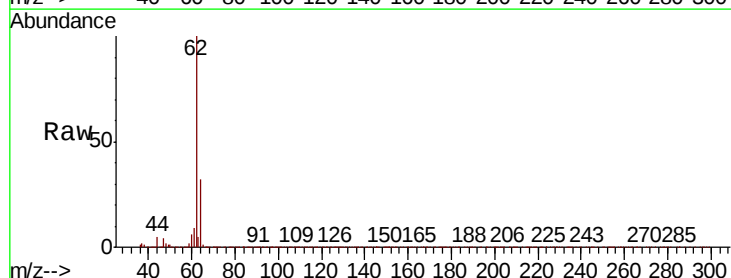
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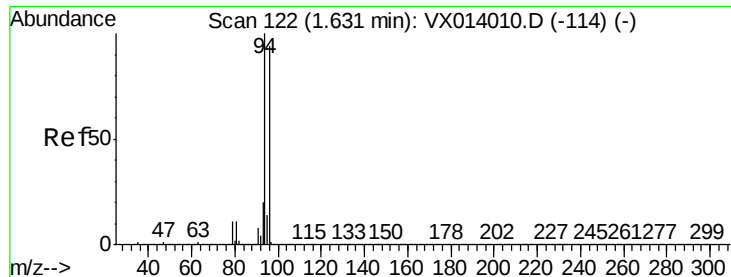
Tgt Ion: 62 Resp: 111323

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 17.612 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

Tot Ion: 94 Resp: 73381

Ion Ratio Lower Upper

94 100

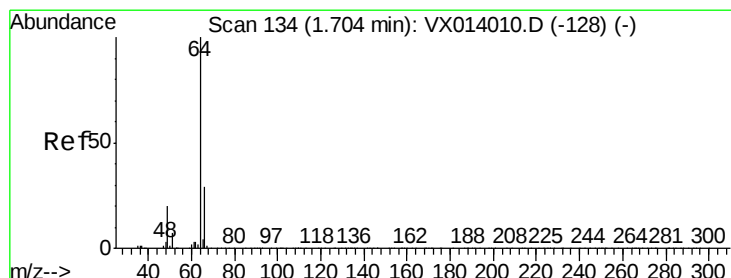
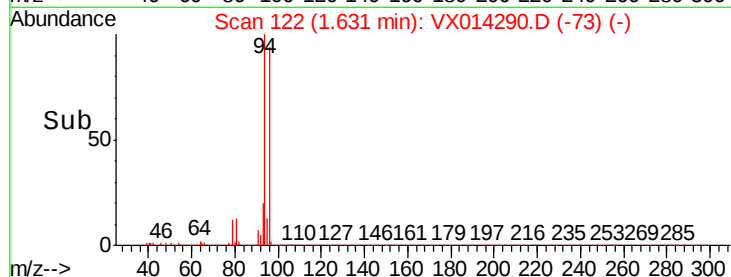
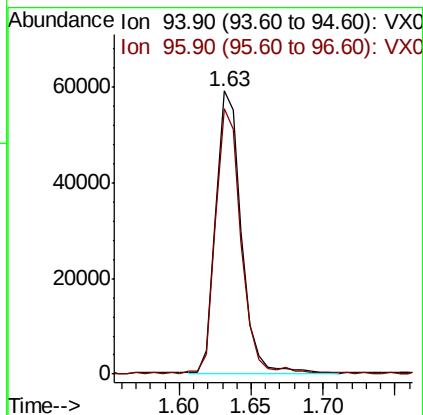
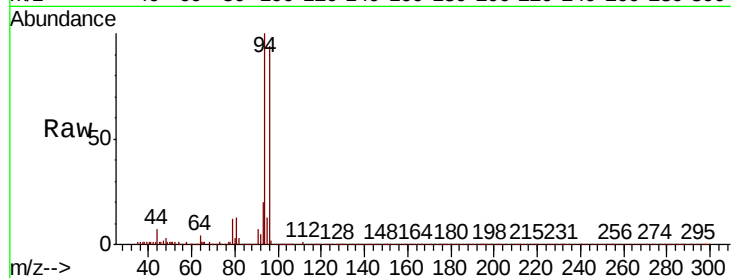
96 93.5 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 20.300 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014290.D

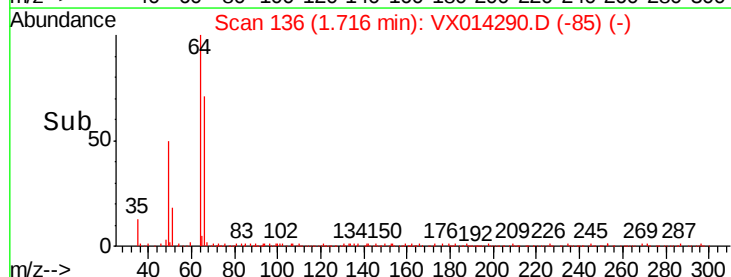
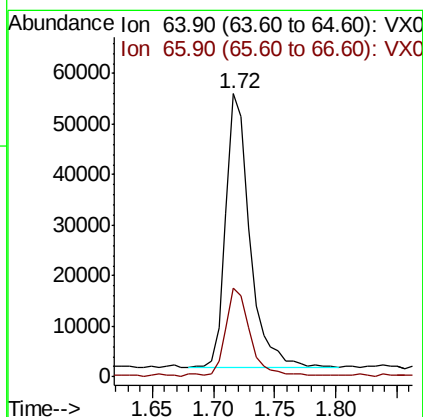
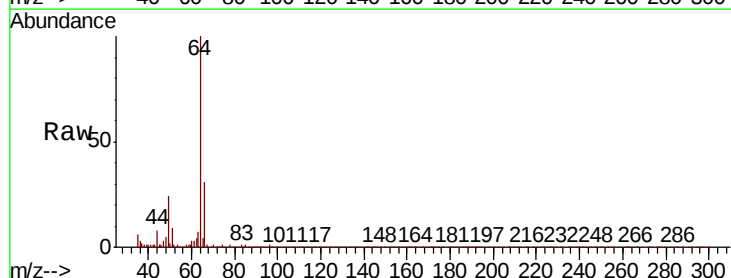
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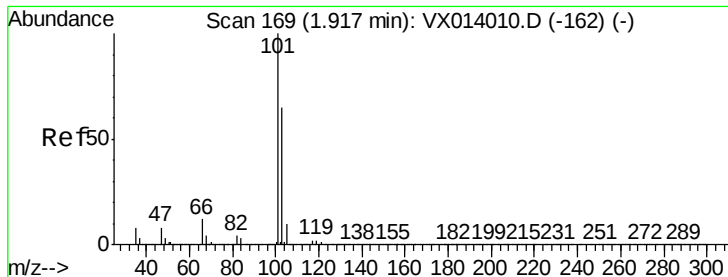
Tgt Ion: 64 Resp: 73550

Ion Ratio Lower Upper

64 100

66 31.6 23.4 35.2





#7

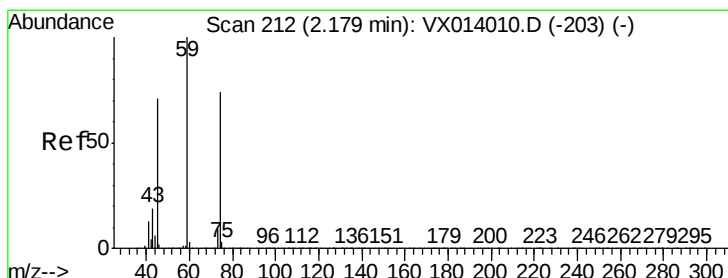
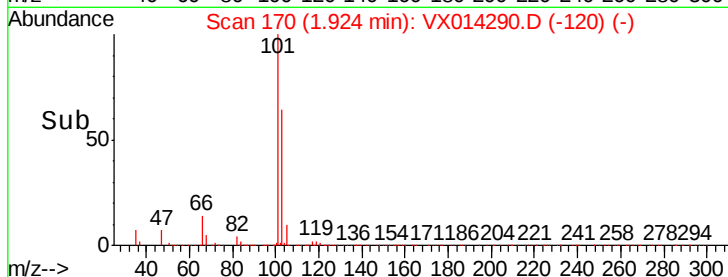
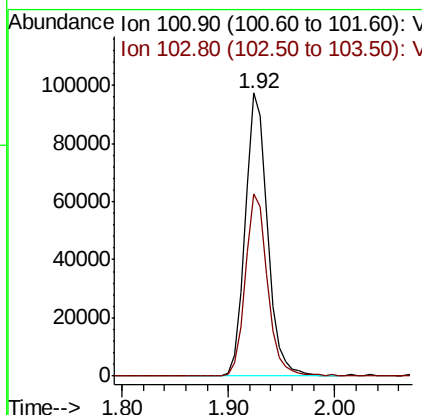
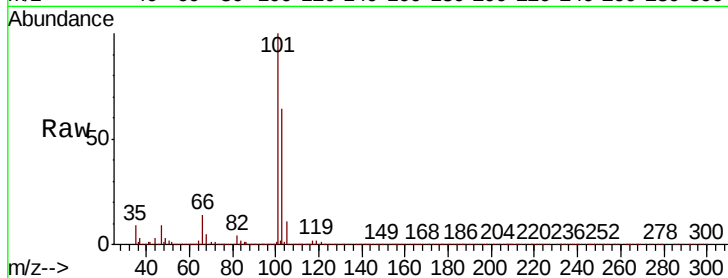
Trichlorofluoromethane
Concen: 19.554 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
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ClientSampleId :
VX1226WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.2	78.4

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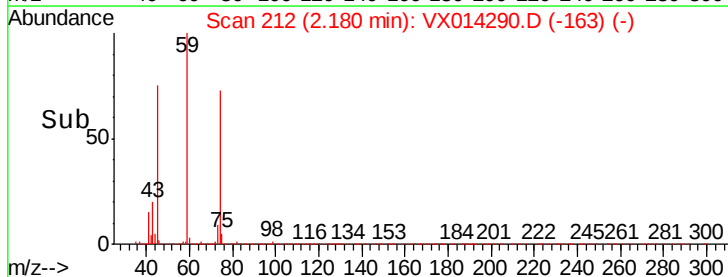
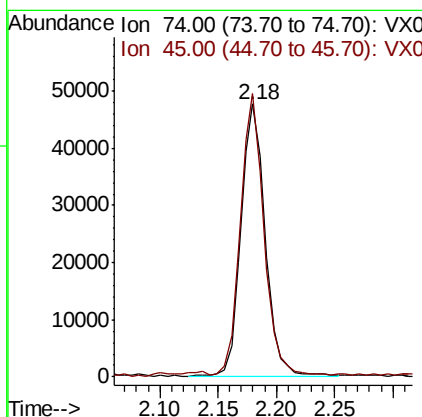
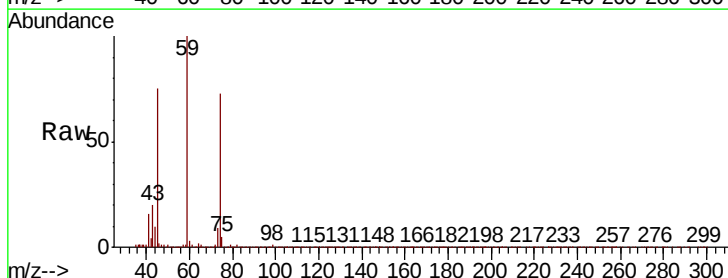
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#8

Diethyl Ether
Concen: 20.175 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.9	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.397 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

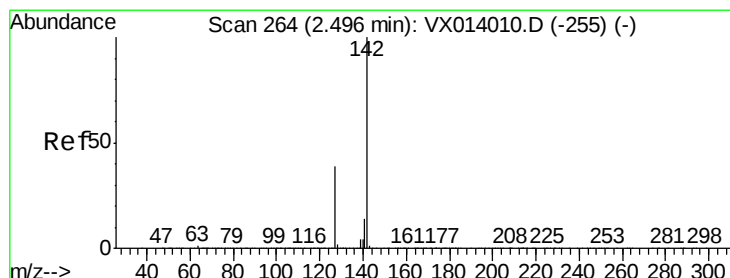
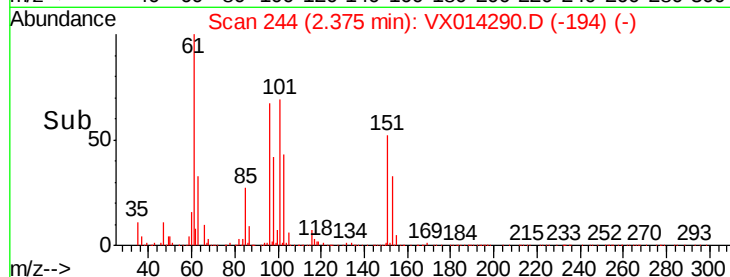
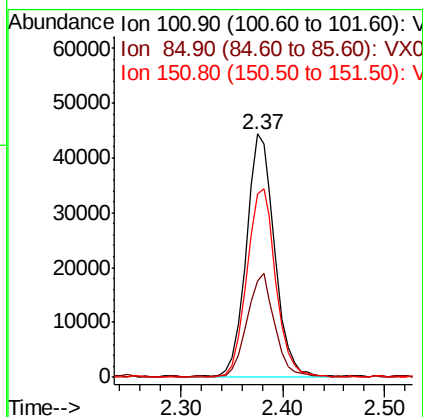
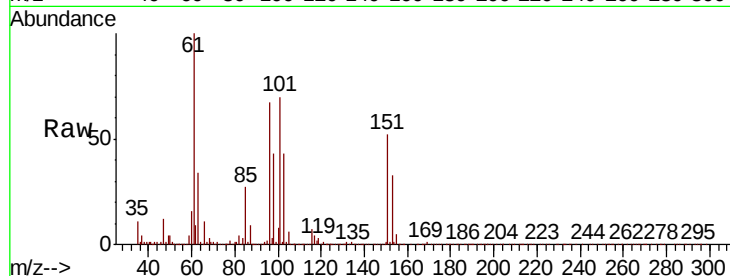
ClientSampleId :

VX1226WBS02

Tot Ion:	101	Resp:	84968
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.7	50.5
151	79.5	64.5	96.7

Manual Integrations
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#10

Methyl Iodide

Concen: 18.125 ug/l

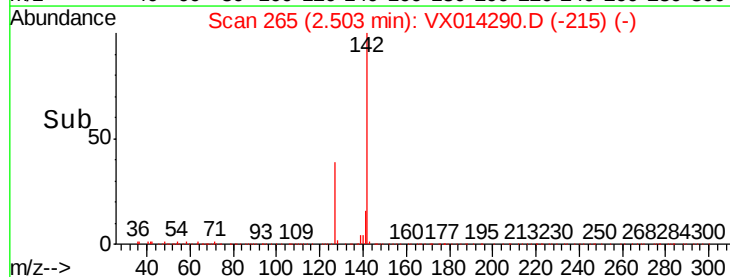
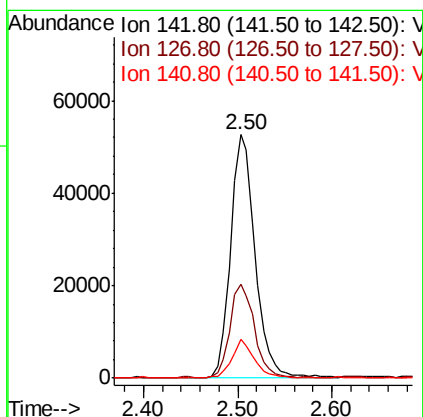
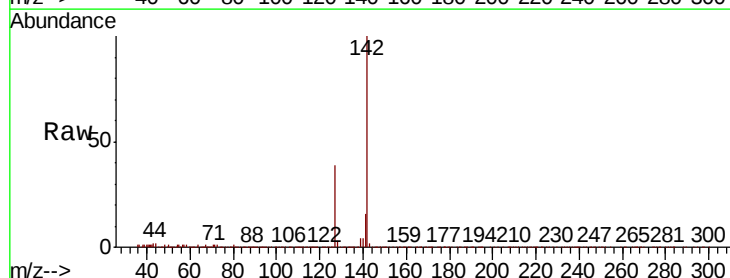
RT: 2.50 min Scan# 265

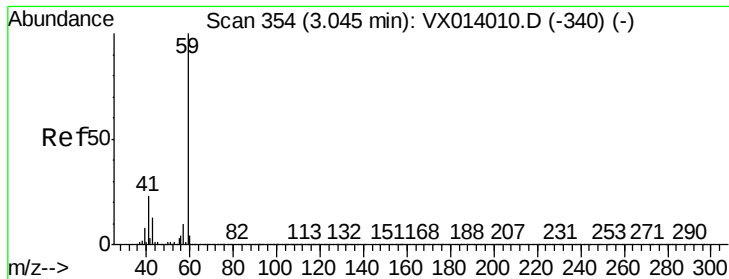
Delta R.T. 0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Tgt Ion:	142	Resp:	94522
Ion Ratio	Lower	Upper	
142	100		
127	38.0	31.6	47.4
141	14.3	11.6	17.4





#11

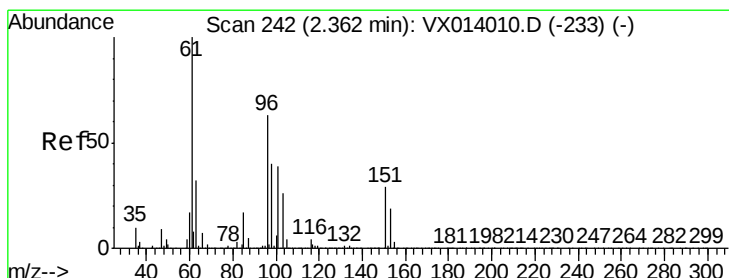
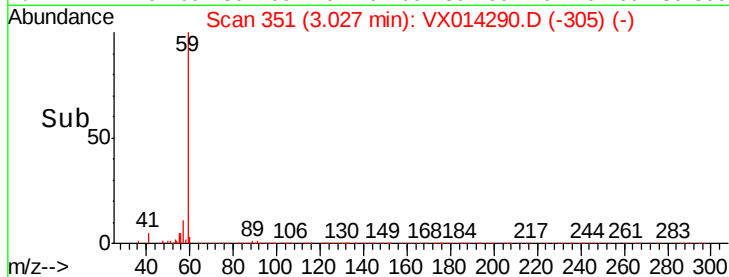
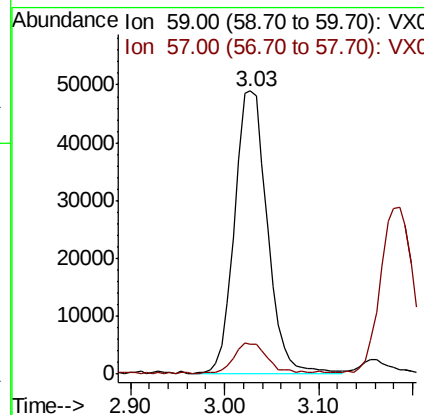
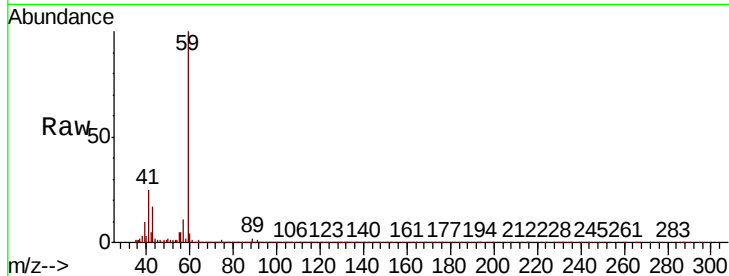
Tert butyl alcohol
Concen: 103.559 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.4	12.6

Manual Integrations
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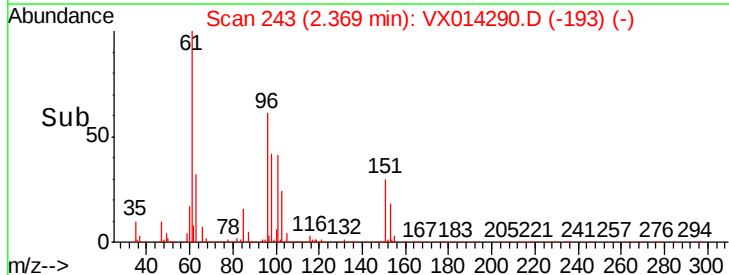
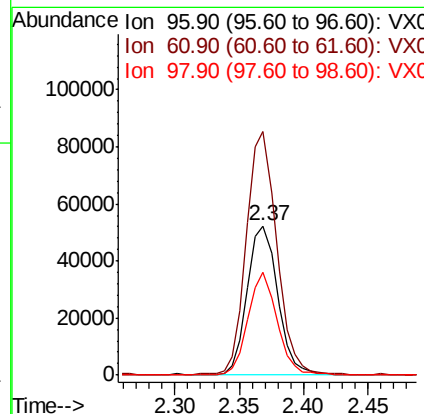
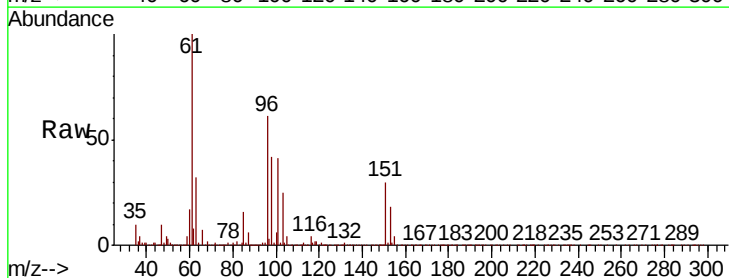
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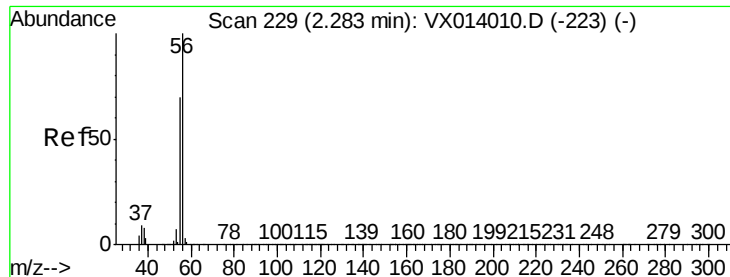


#12

1,1-Dichloroethene
Concen: 18.991 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.6	127.9	191.9
98	69.0	50.5	75.7





#13

Acrolein

Concen: 90.299 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

Tot Ion: 56 Resp: 58657

Ion Ratio Lower Upper

56 100

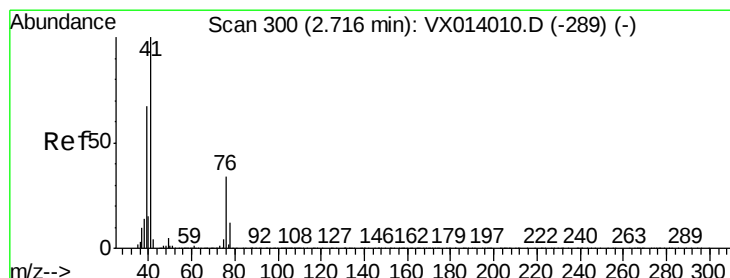
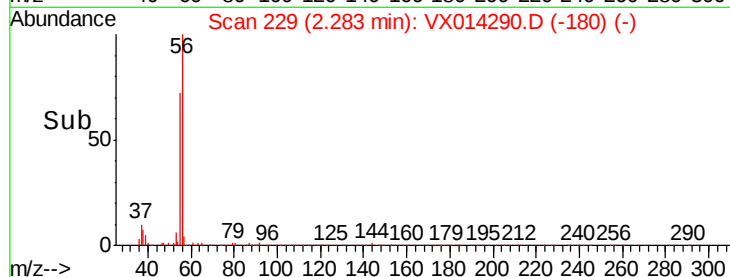
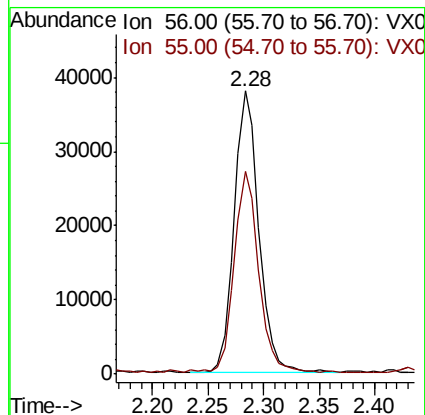
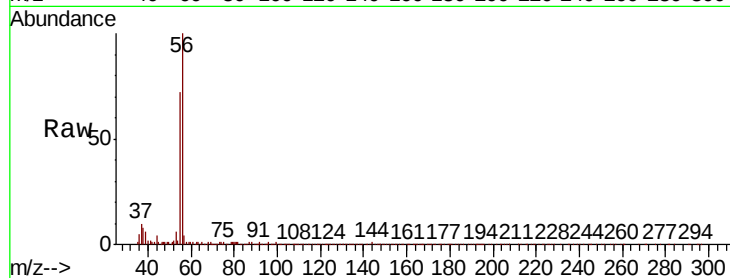
55 69.6 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 20.011 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

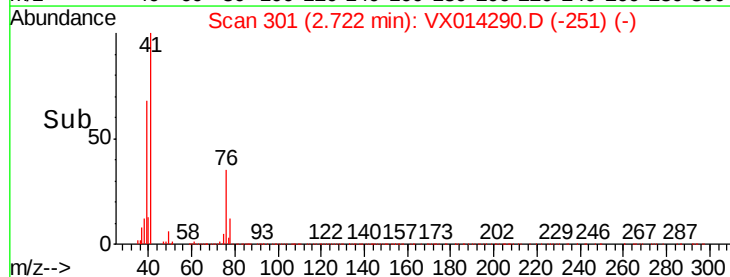
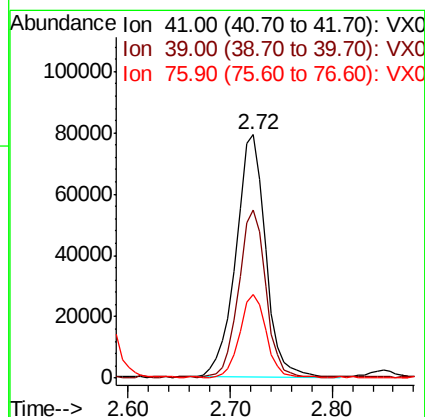
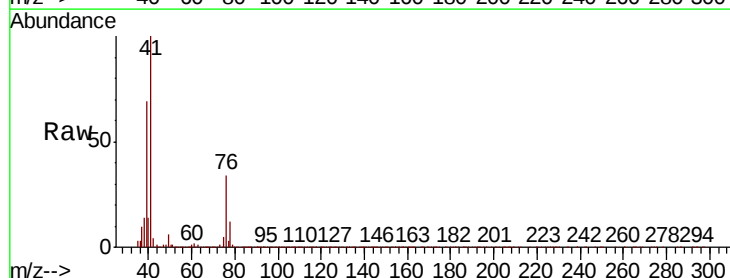
Tgt Ion: 41 Resp: 159262

Ion Ratio Lower Upper

41 100

39 63.0 51.8 77.8

76 30.4 25.9 38.9





#15

Acrylonitrile

Concen: 111.985 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

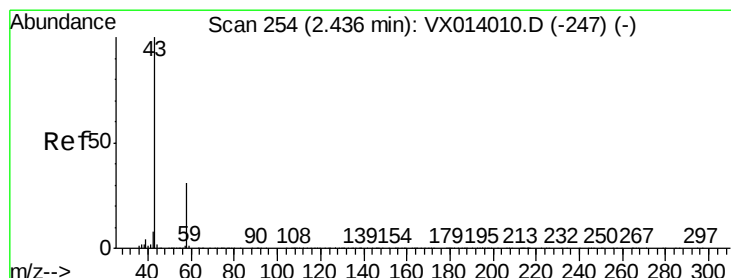
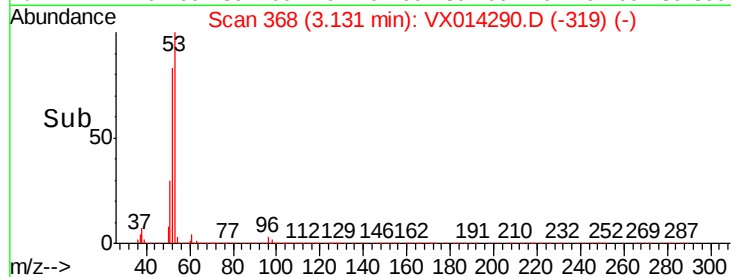
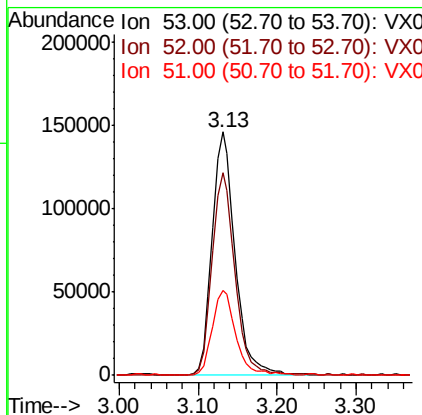
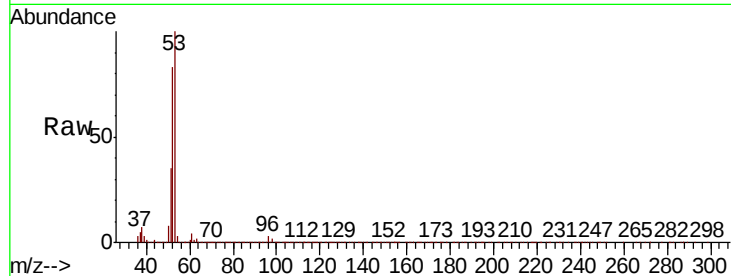
ClientSampleId :

VX1226WBS02

Tot Ion:	53	Resp:	296612
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.5	99.7
51	35.6	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 79.194 ug/l

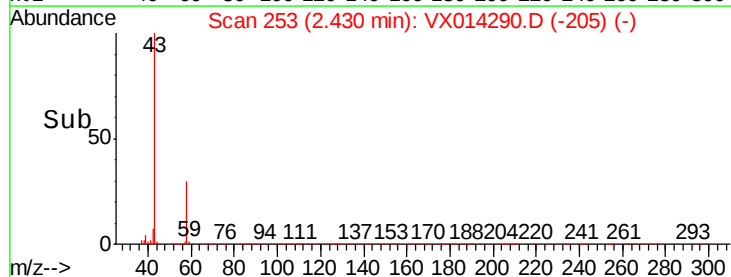
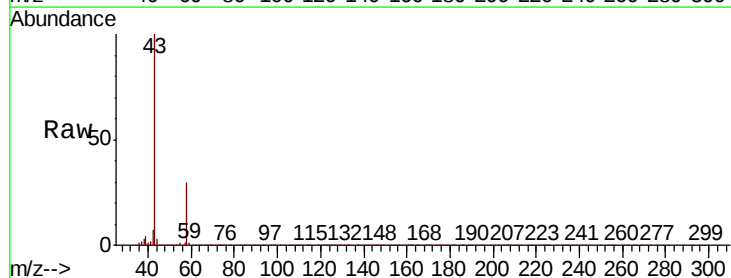
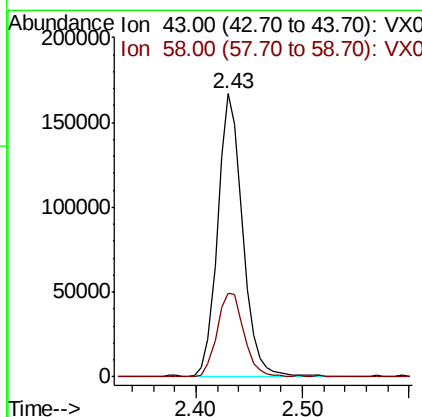
RT: 2.43 min Scan# 253

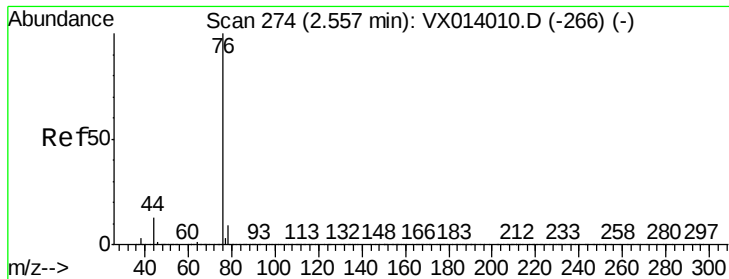
Delta R.T. -0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Tgt Ion:	43	Resp:	270013
Ion Ratio	Lower	Upper	
43	100		
58	29.5	24.9	37.3





#17

Carbon Disulfide

Concen: 17.665 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

Tot Ion: 76 Resp: 212505

Ion Ratio Lower Upper

76 100

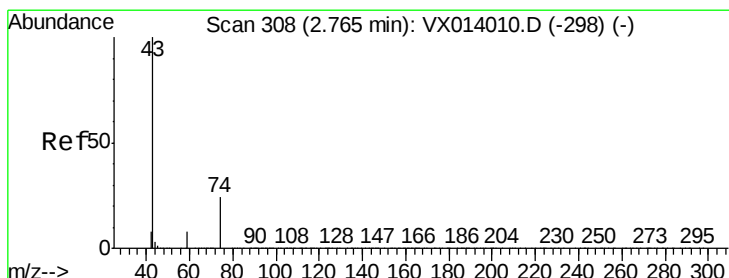
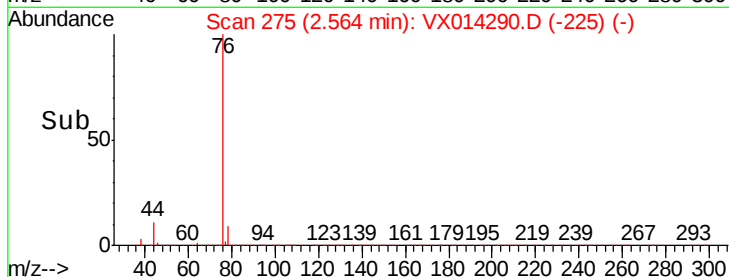
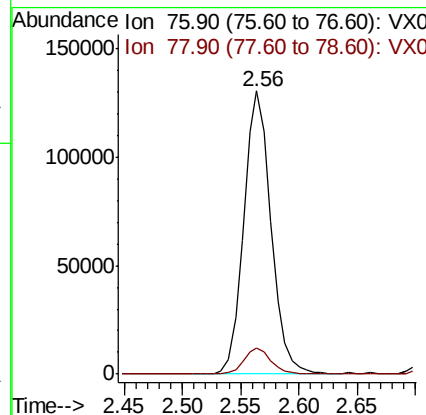
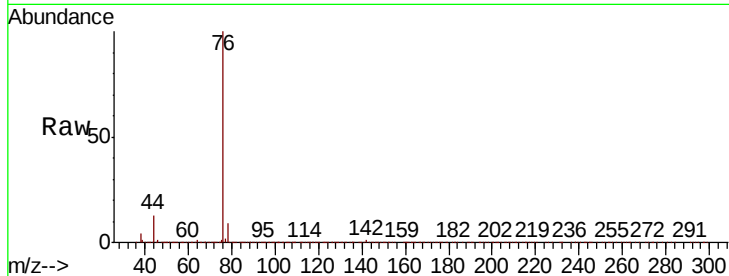
78 9.3 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 22.910 ug/l

RT: 2.77 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014290.D

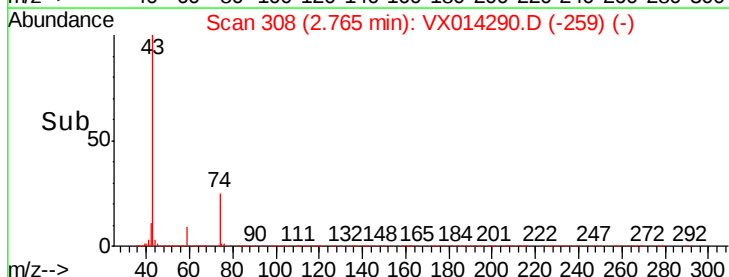
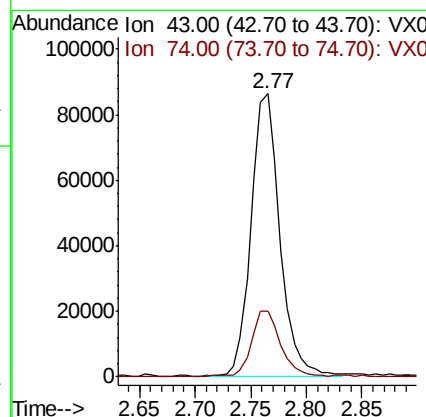
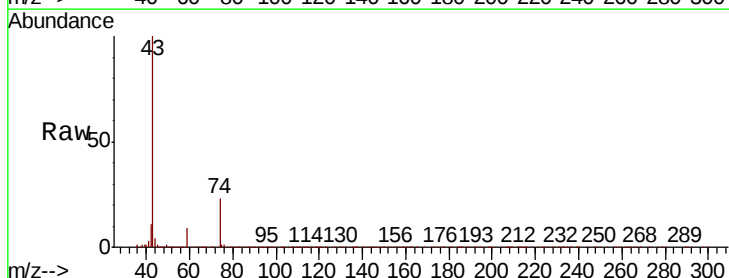
Acq: 27 Dec 2019 00:29

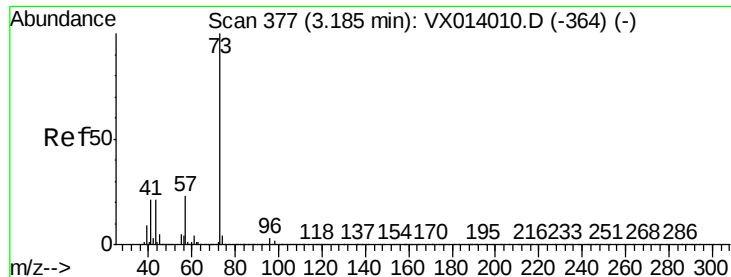
Tgt Ion: 43 Resp: 154782

Ion Ratio Lower Upper

43 100

74 23.9 19.5 29.3





#19

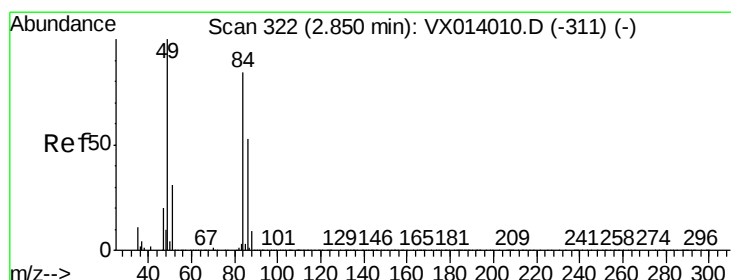
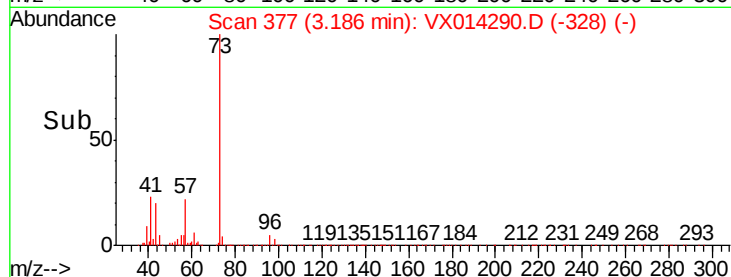
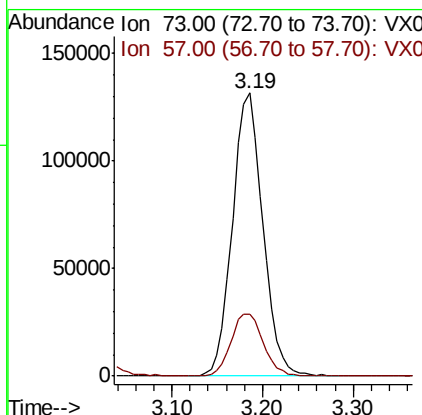
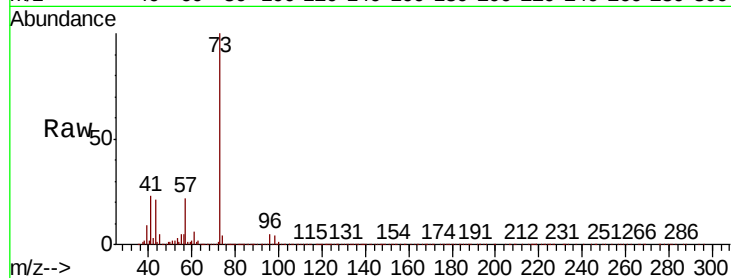
Methyl tert-butyl Ether
 Concen: 20.792 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.8	28.2

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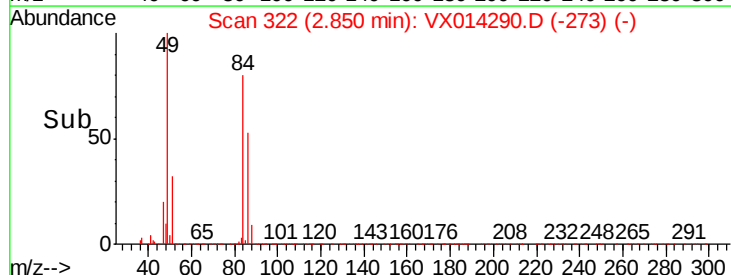
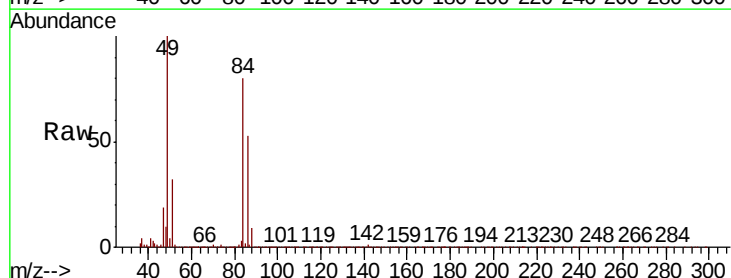
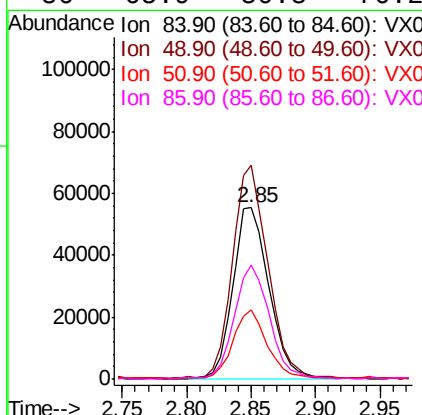
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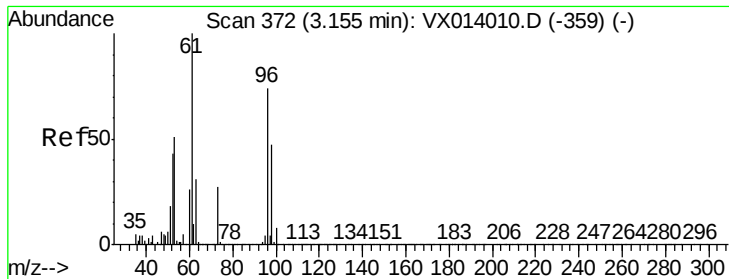


#20

Methylene Chloride
 Concen: 20.089 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.0	95.8	143.6
51	39.6	29.8	44.8
86	65.9	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 19.463 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

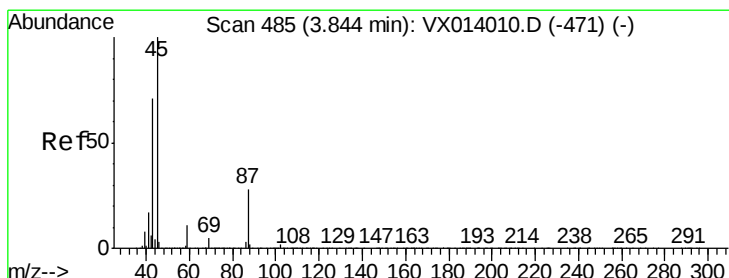
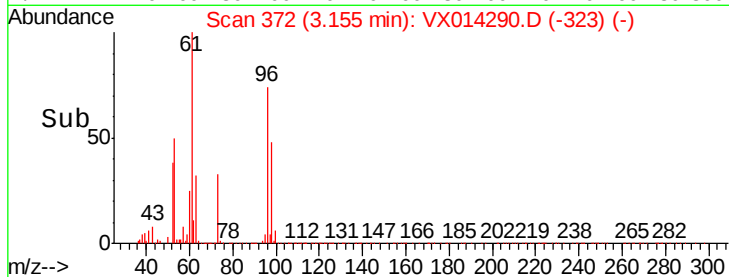
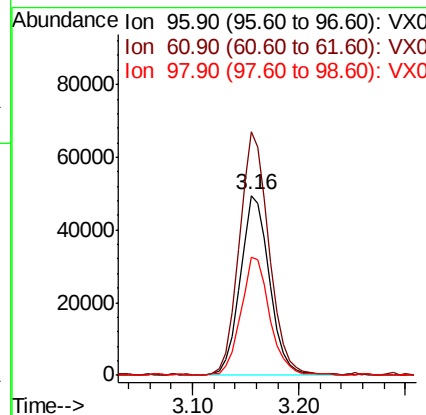
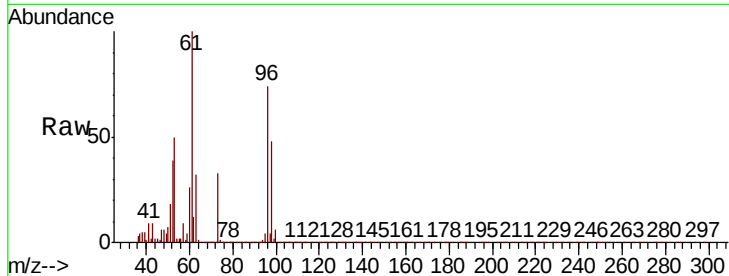
ClientSampleId :

VX1226WBS02

Tot Ion:	96	Resp:	95577
Ion	Ratio	Lower	Upper
96	100		
61	135.2	108.3	162.5
98	65.2	50.8	76.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.743 ug/l

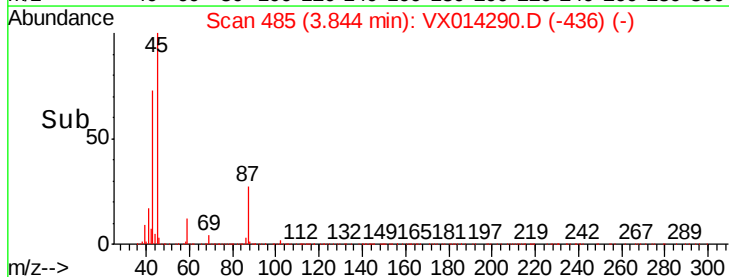
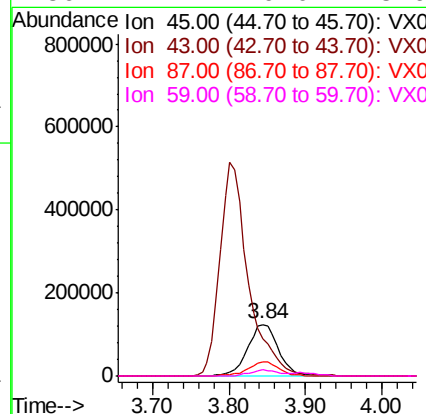
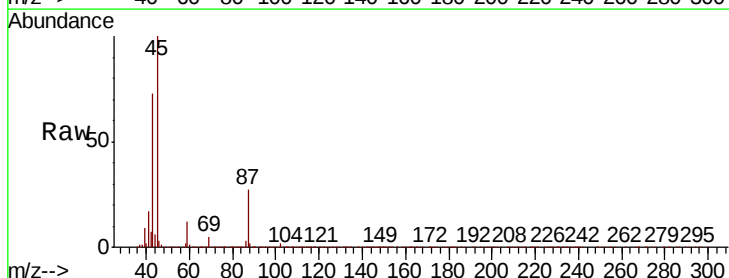
RT: 3.84 min Scan# 485

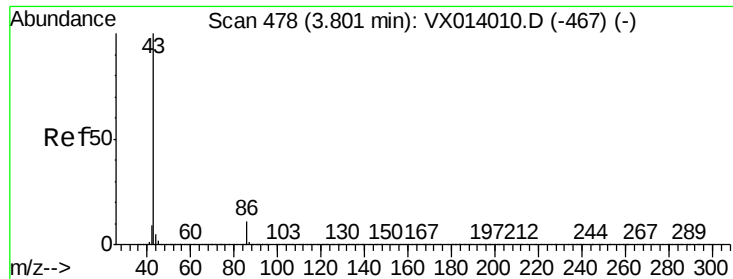
Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Tgt Ion:	45	Resp:	344826
Ion	Ratio	Lower	Upper
45	100		
43	72.6	57.4	86.0
87	27.4	21.9	32.9
59	11.4	9.0	13.6





#23

Vinyl Acetate

Concen: 102.930 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

Tot Ion: 43 Resp: 1332149

Ion Ratio Lower Upper

43 100

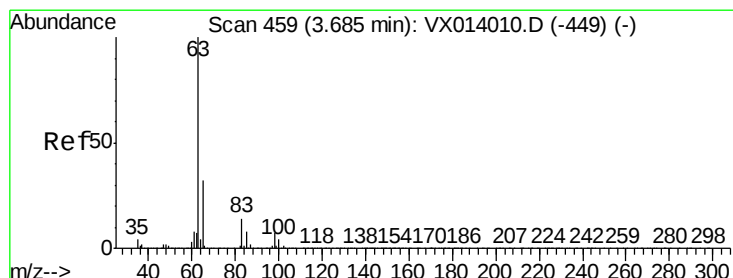
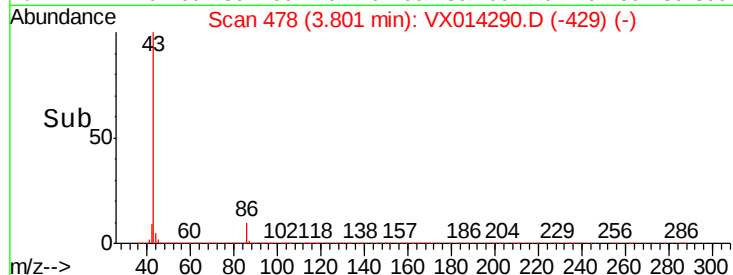
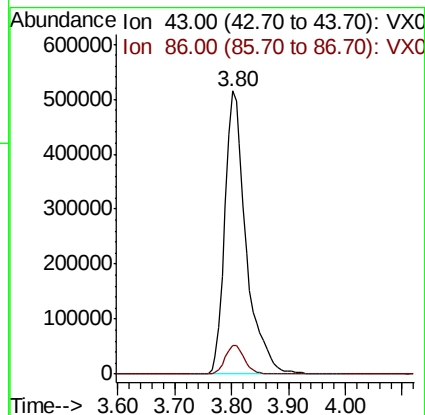
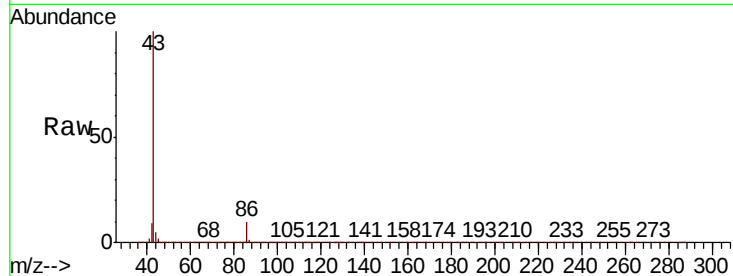
86 10.3 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 20.535 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

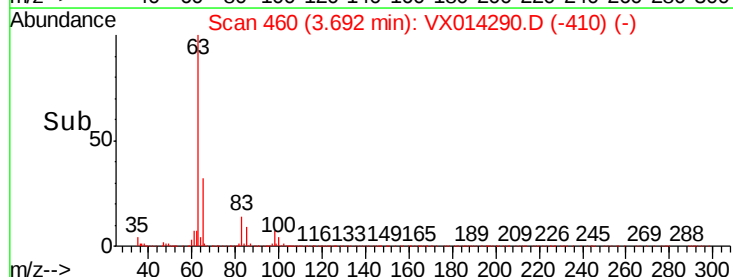
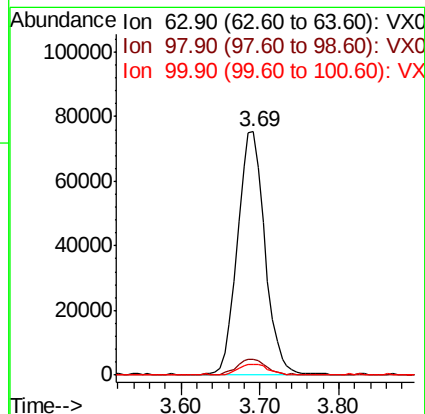
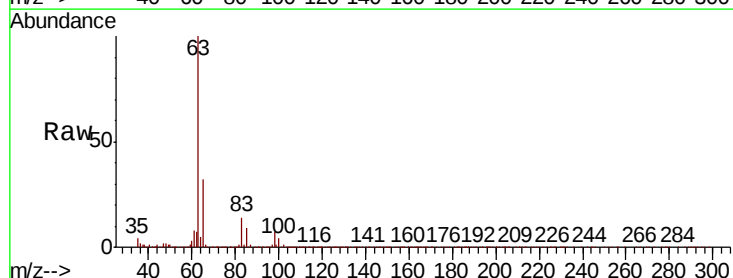
Tgt Ion: 63 Resp: 181197

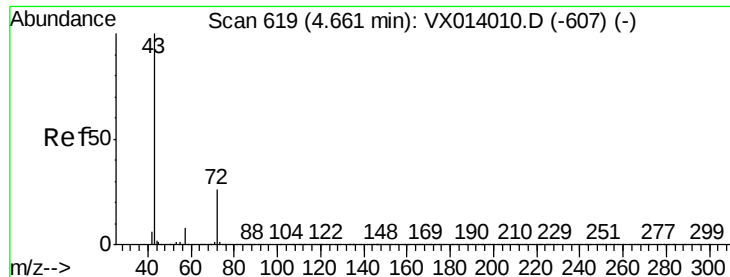
Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

100 4.3 2.3 6.8





#25

2-Butanone

Concen: 99.406 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Tot Ion: 43 Resp: 417857

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

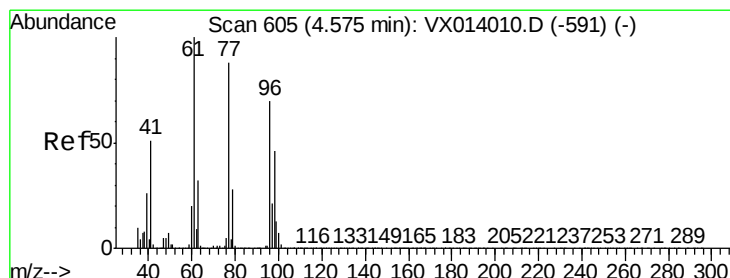
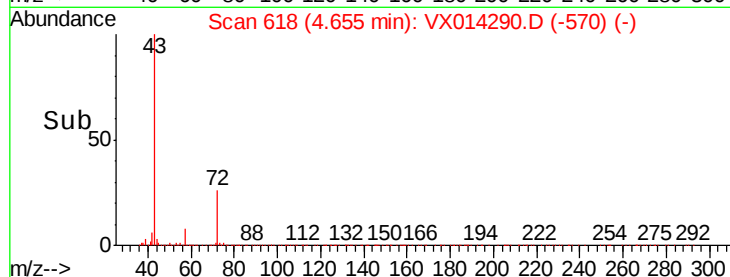
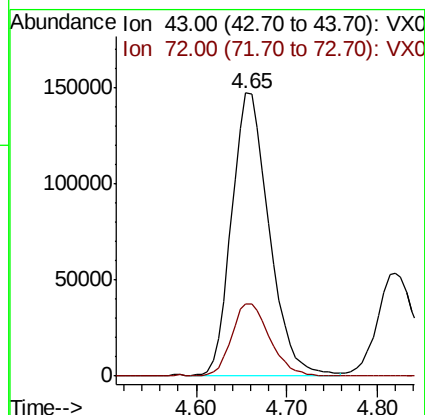
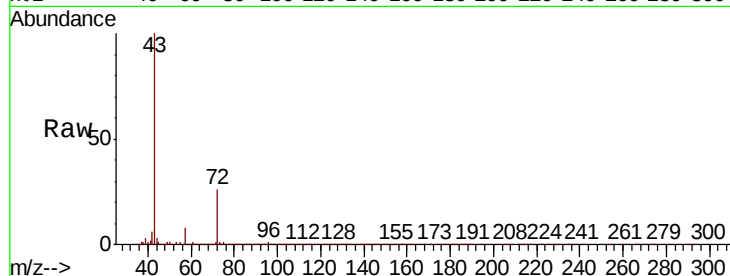
VX1226WBS02

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#26

2,2-Dichloropropane

Concen: 15.598 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014290.D

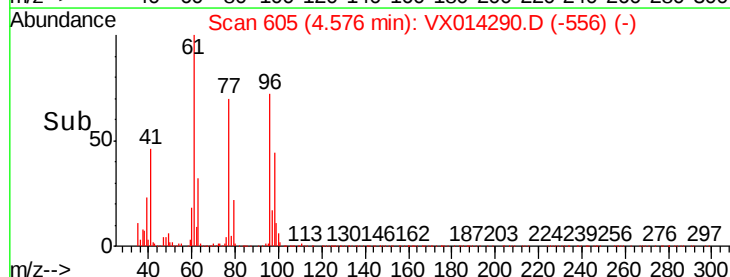
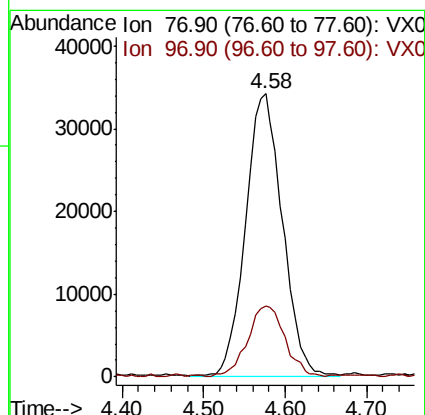
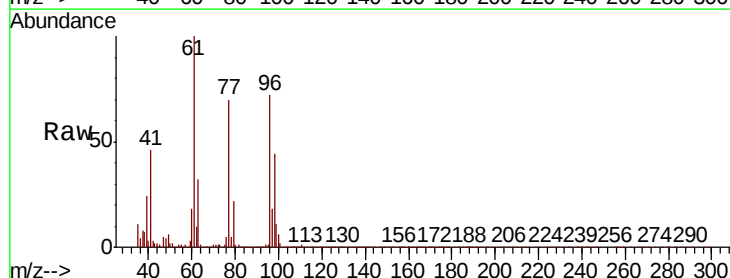
Acq: 27 Dec 2019 00:29

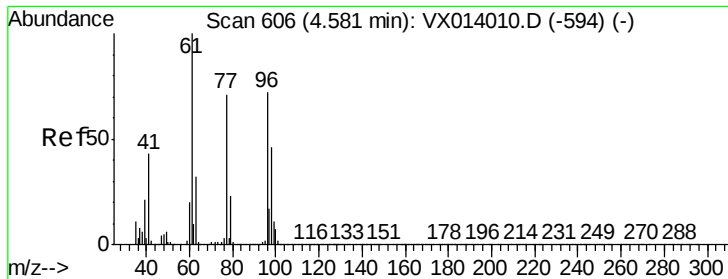
Tgt Ion: 77 Resp: 106860

Ion Ratio Lower Upper

77 100

97 25.7 11.9 35.9





#27

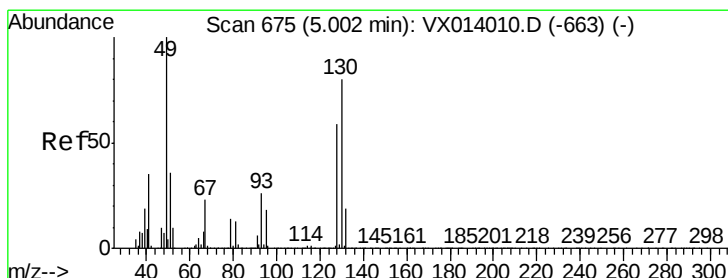
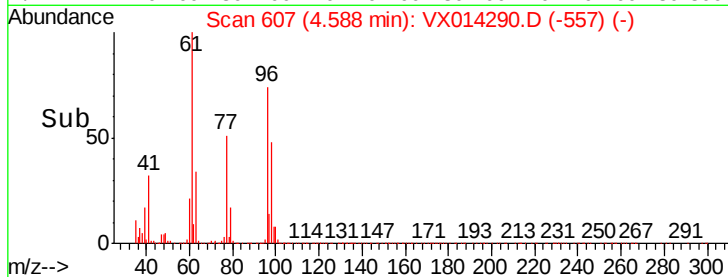
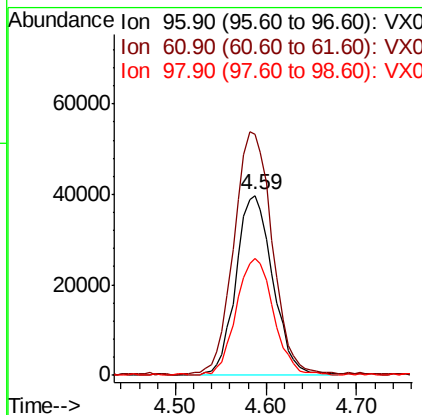
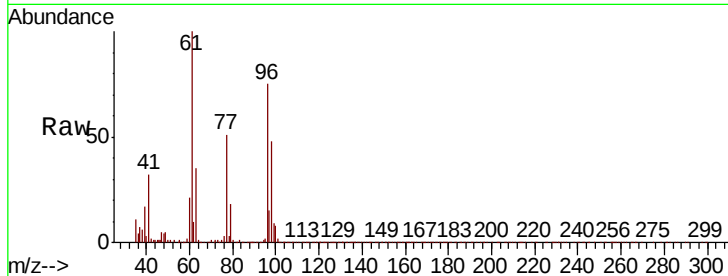
cis-1,2-Dichloroethene
Concen: 19.959 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	110847		
61	142.4	0.0	288.4	
98	66.1	0.0	129.6	

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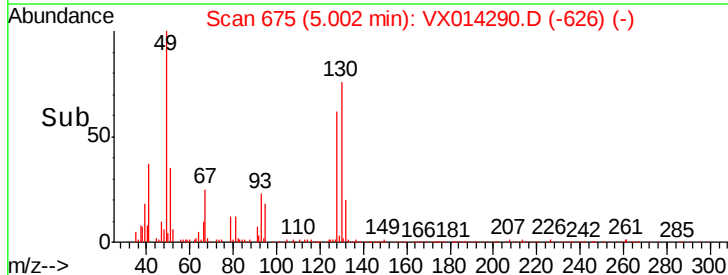
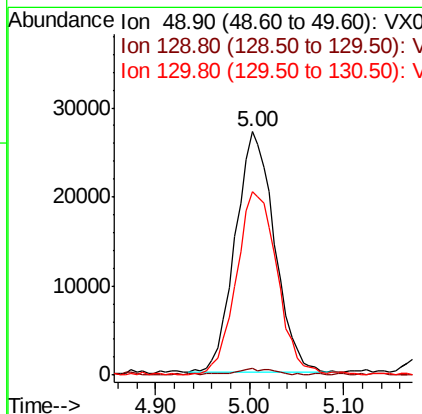
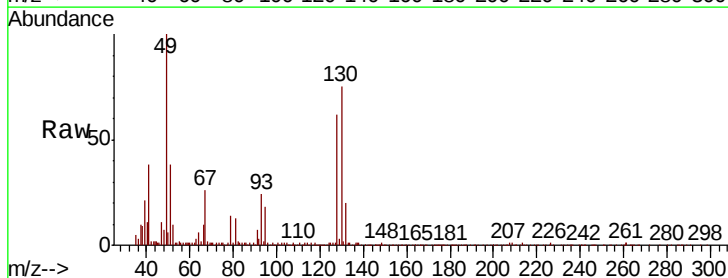
apatel
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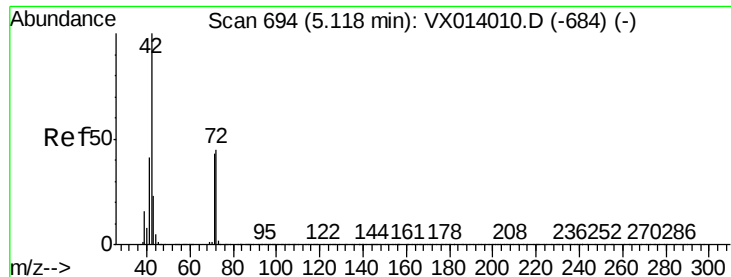


#28

Bromochloromethane
Concen: 23.418 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78642		
129	2.6	0.0	5.0	
130	79.0	64.6	97.0	





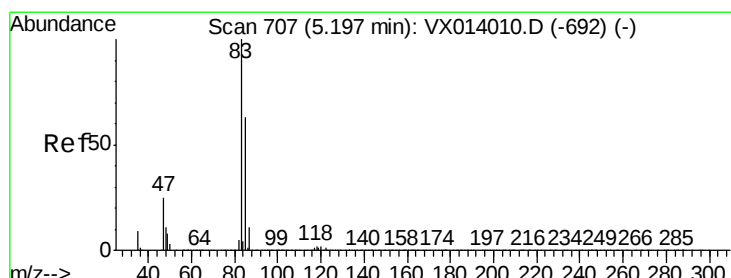
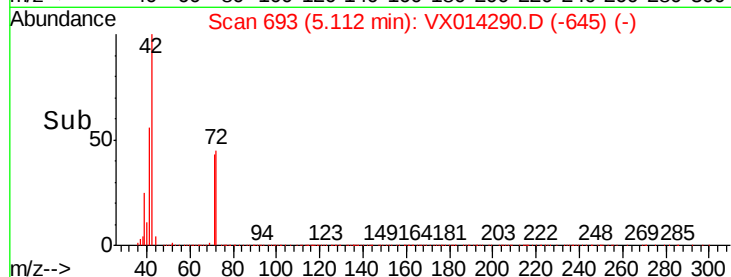
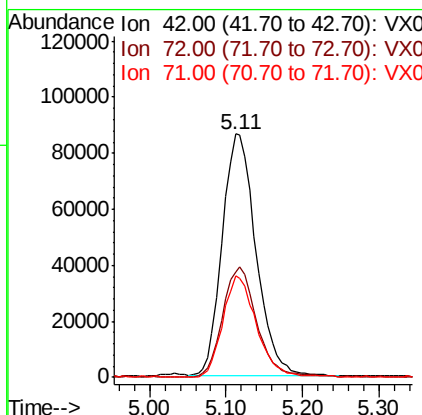
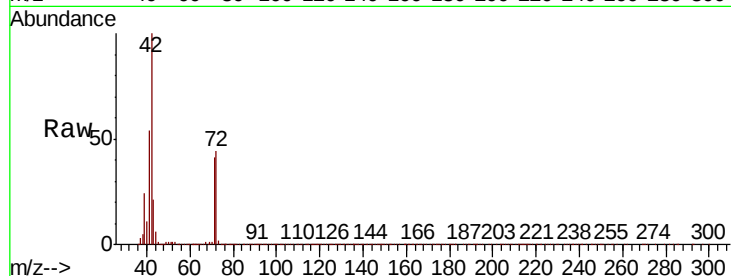
#29
Tetrahydrofuran
Concen: 112.386 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	35.8	53.8
71	41.1	33.6	50.4

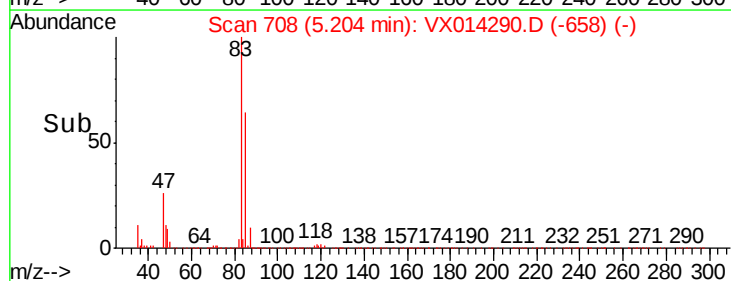
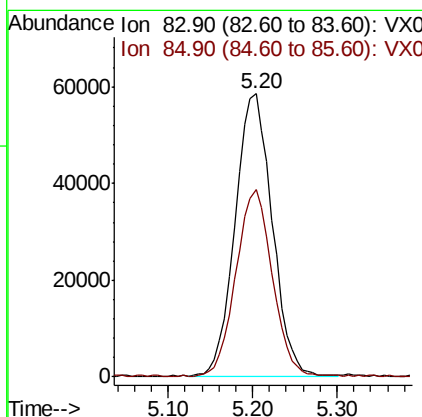
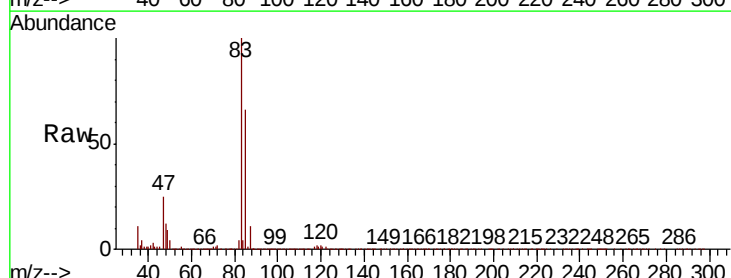
Manual Integrations
APPROVED

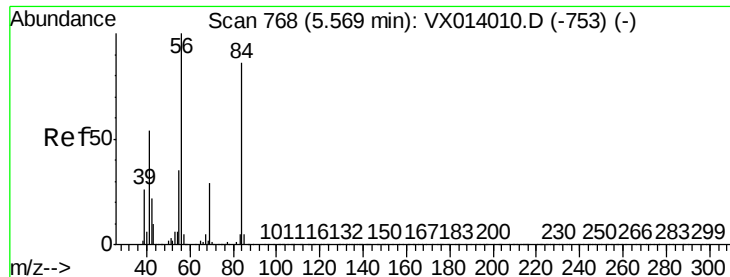
apatel
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#30
Chloroform
Concen: 20.734 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.8	76.2





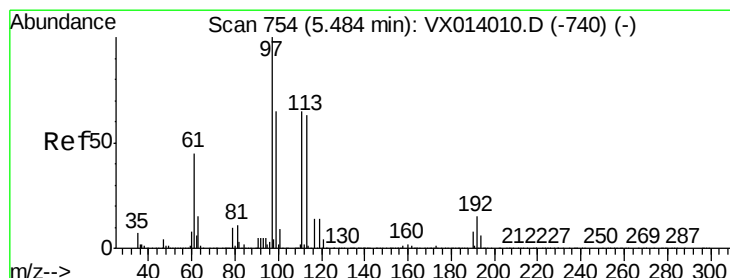
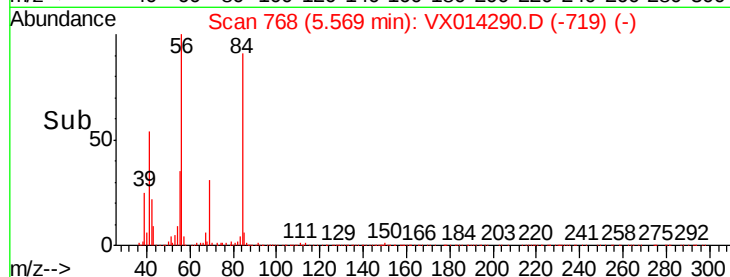
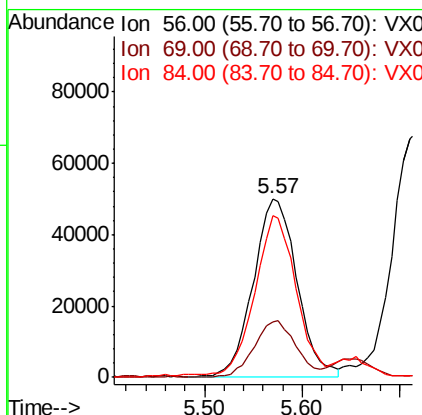
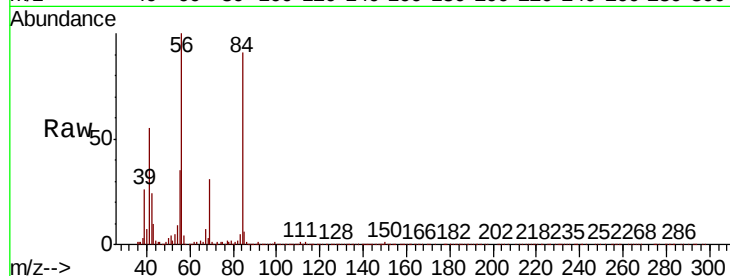
#31
Cyclohexane
Concen: 19.703 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	23.2	34.8
84	89.4	69.2	103.8

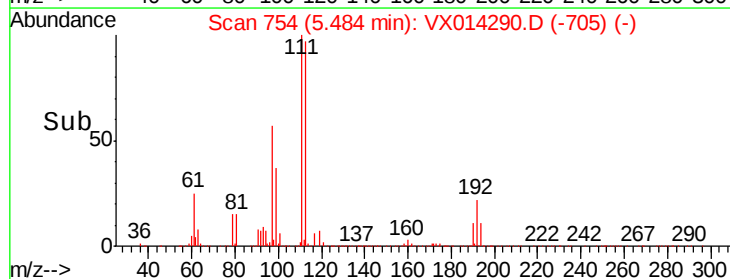
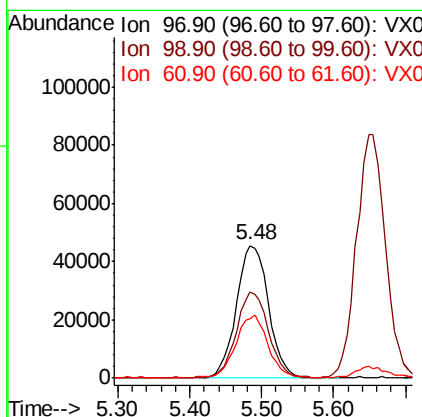
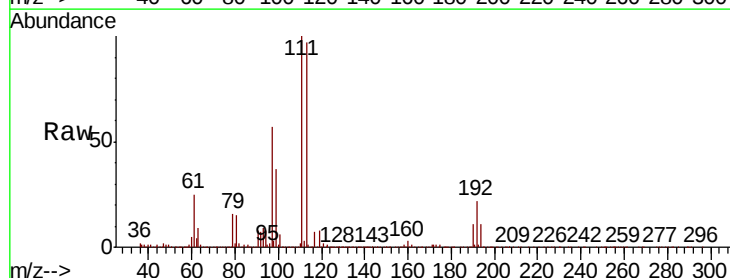
Manual Integrations
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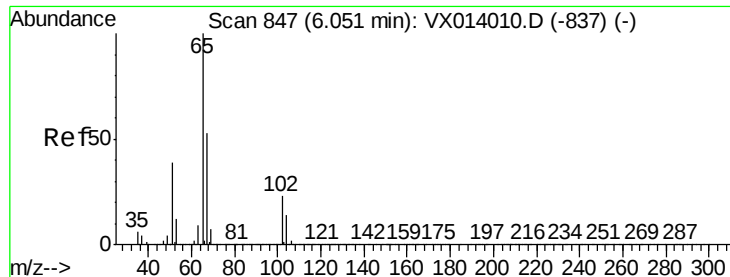
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#32
1,1,1-Trichloroethane
Concen: 19.976 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.0	78.0
61	46.3	36.7	55.1





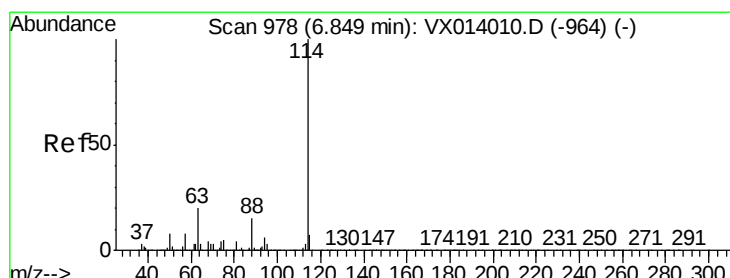
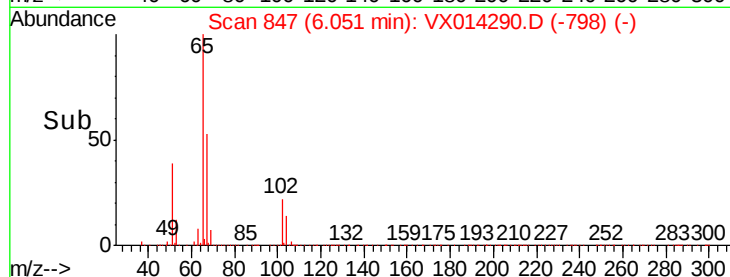
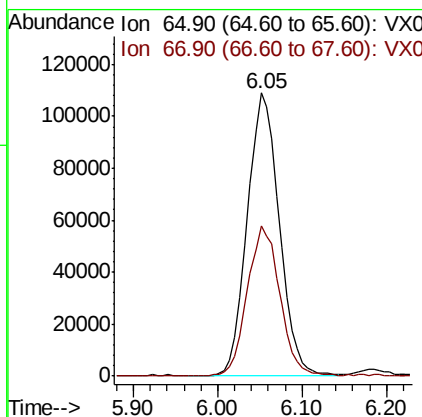
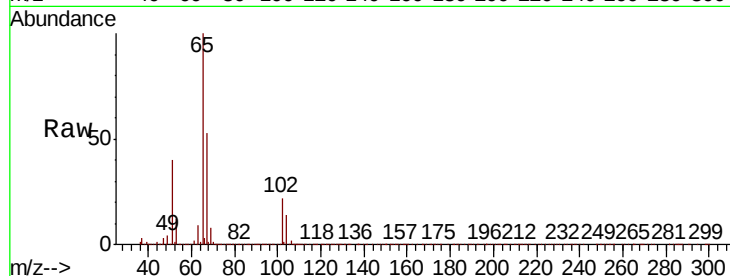
#33
 1,2-Dichloroethane-d4
 Concen: 53.513 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	281041		
67	54.1	0.0	106.4	

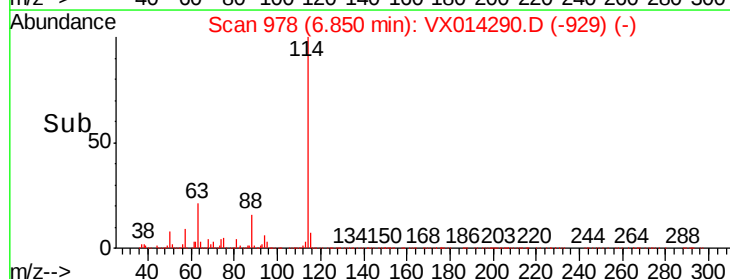
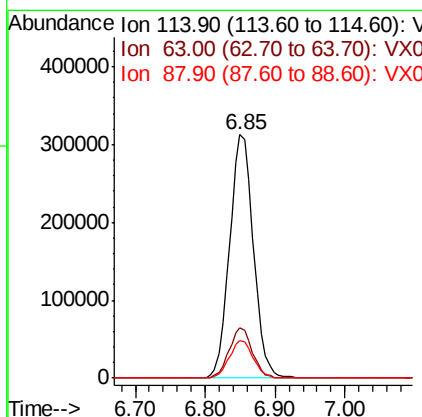
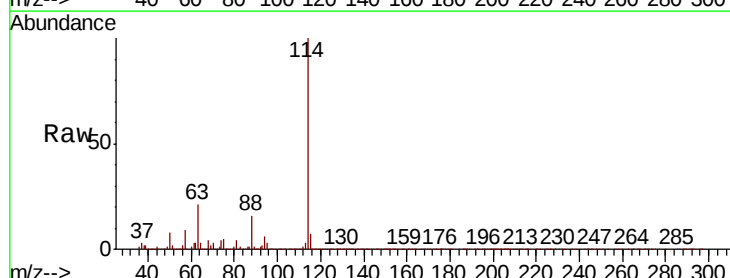
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	737810		
63	20.8	0.0	40.8	
88	15.5	0.0	30.4	





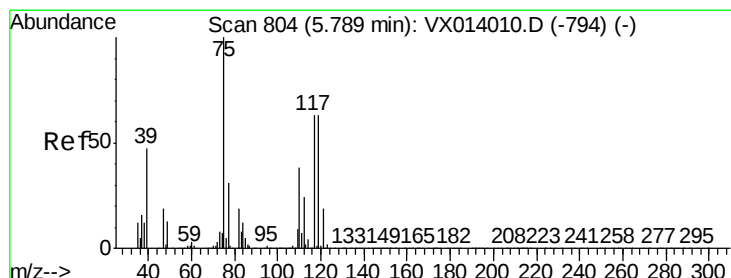
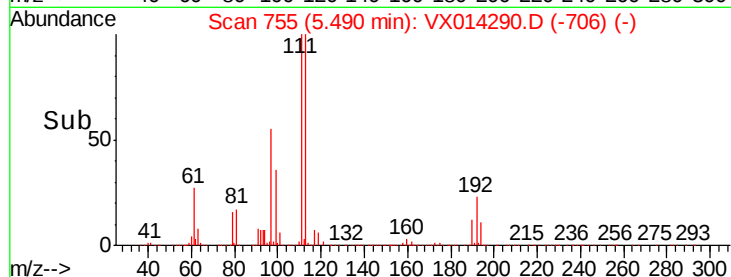
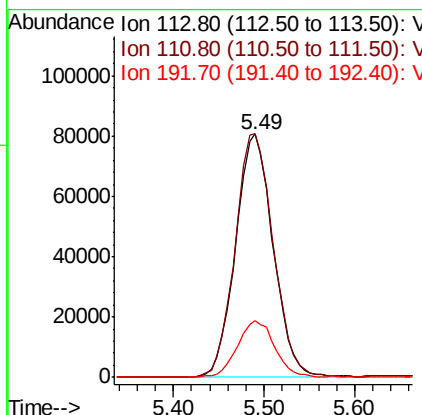
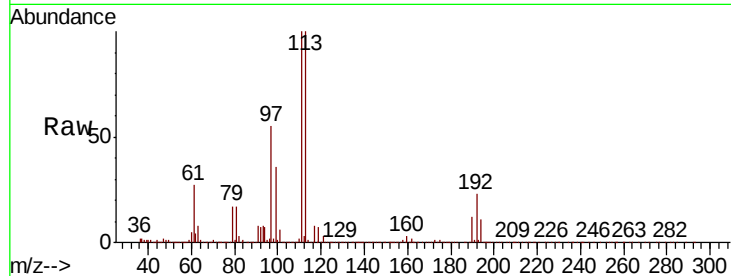
#35
Dibromofluoromethane
Concen: 51.279 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	229988		
111	102.0	82.0	123.0	
192	23.4	19.3	28.9	

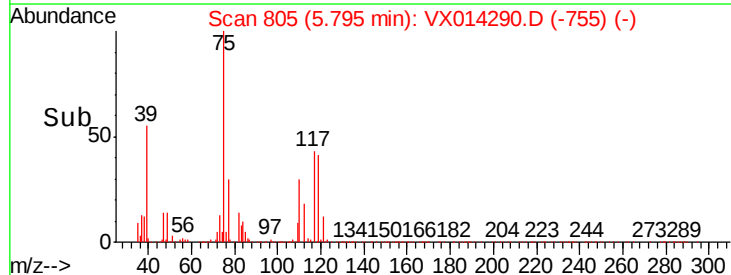
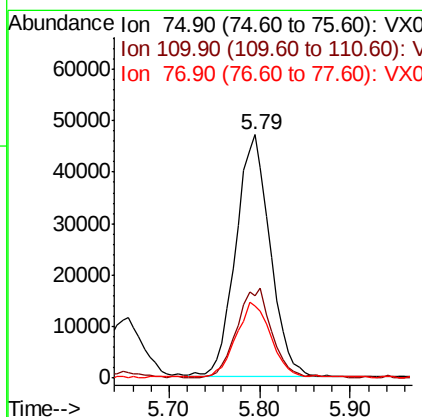
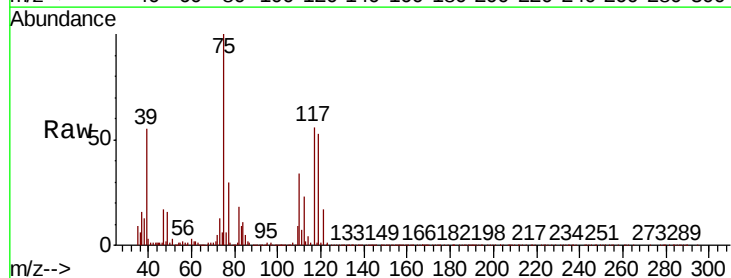
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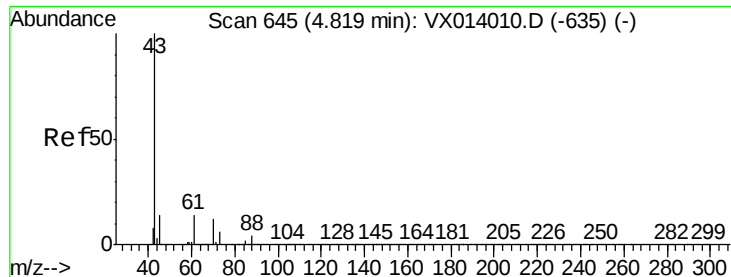
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#36
1,1-Dichloropropene
Concen: 18.138 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	122791		
110	37.8	18.3	54.9	
77	30.7	24.8	37.2	





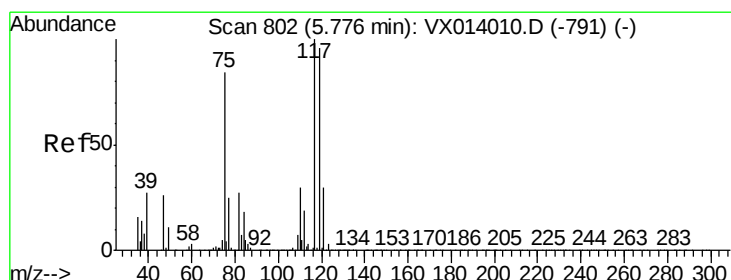
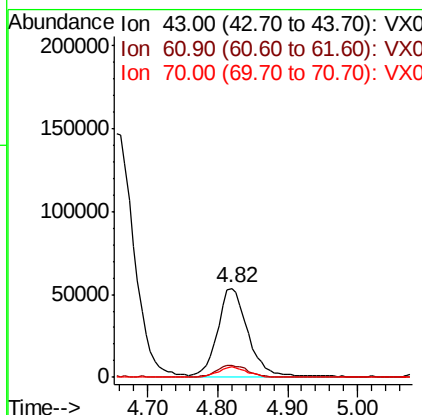
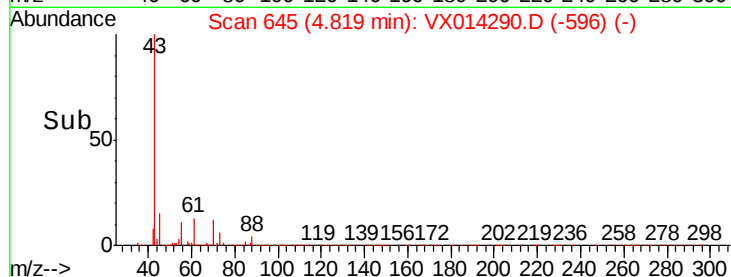
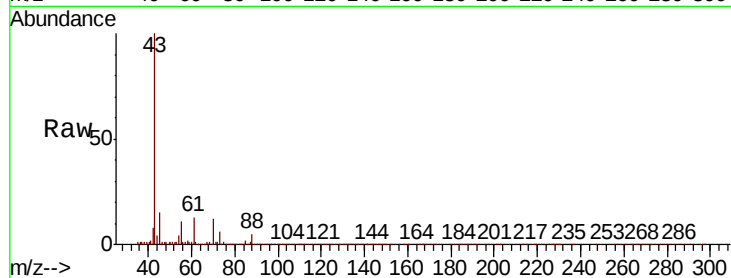
#37
Ethyl Acetate
Concen: 21.244 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	10.9	8.6	12.8

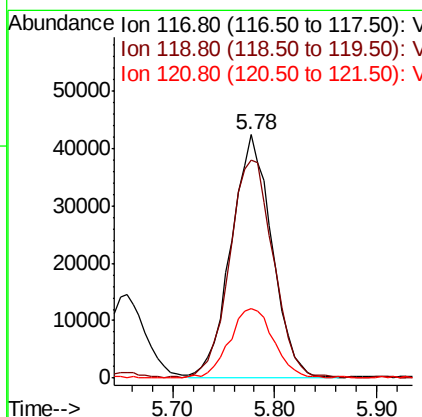
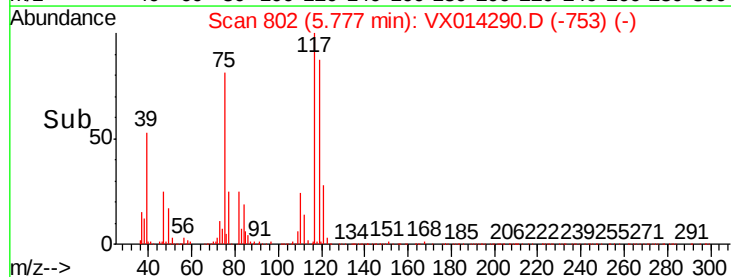
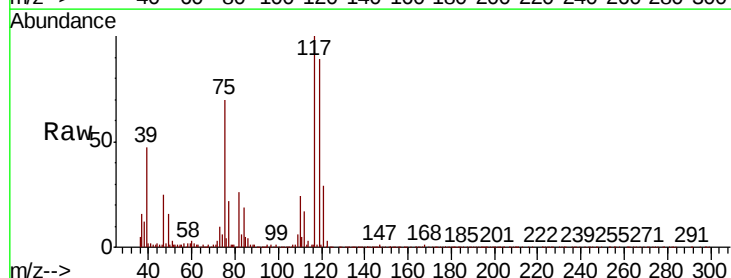
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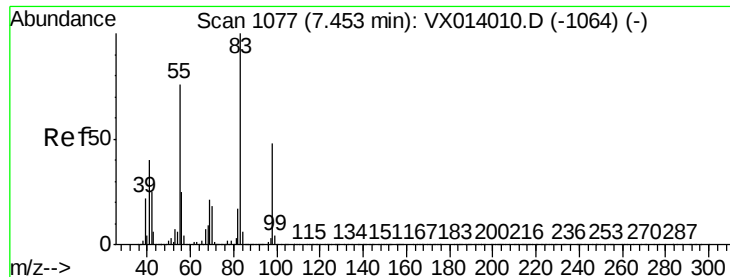
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#38
Carbon Tetrachloride
Concen: 18.995 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.2	76.2	114.4
121	28.0	23.6	35.4





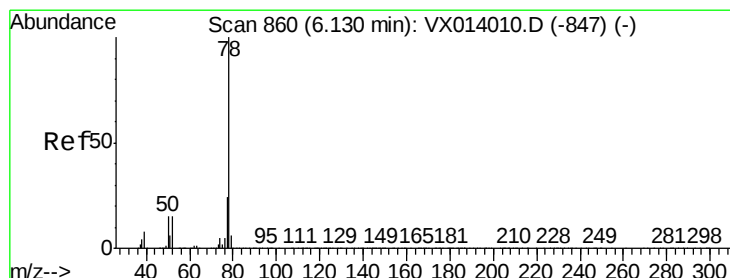
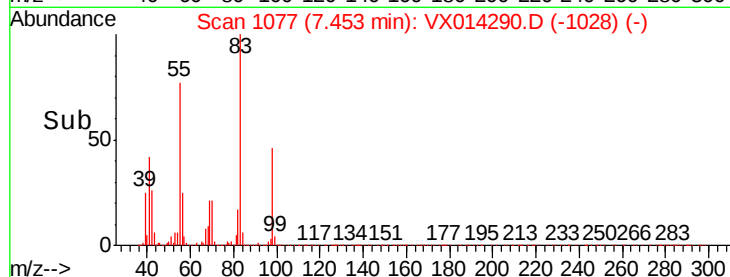
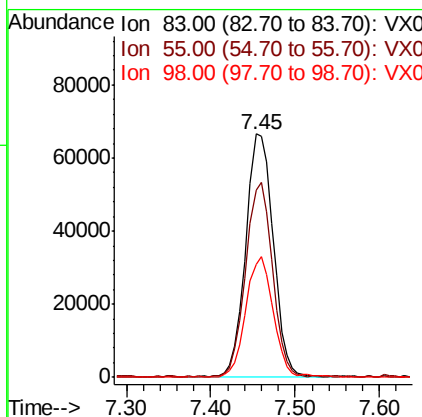
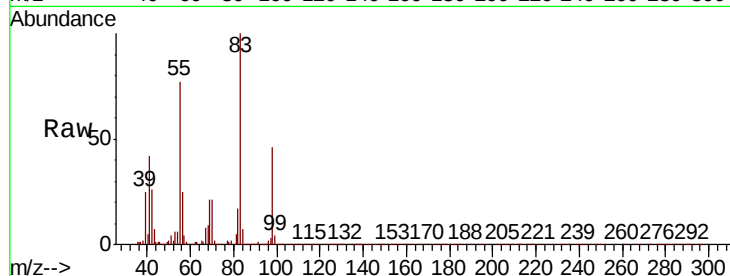
#39
Methvlcvclohexane
Concen: 17.420 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.0	91.6
98	46.3	38.6	57.8

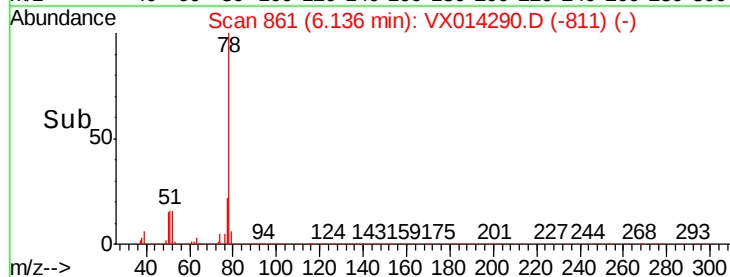
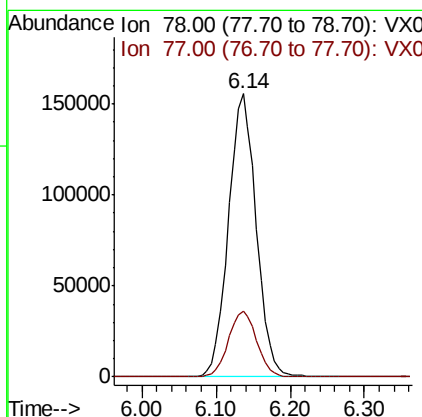
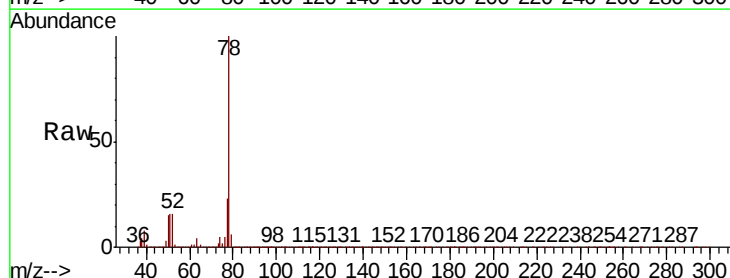
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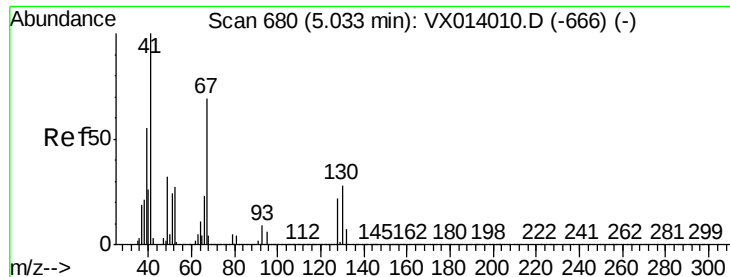
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#40
Benzene
Concen: 19.534 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2





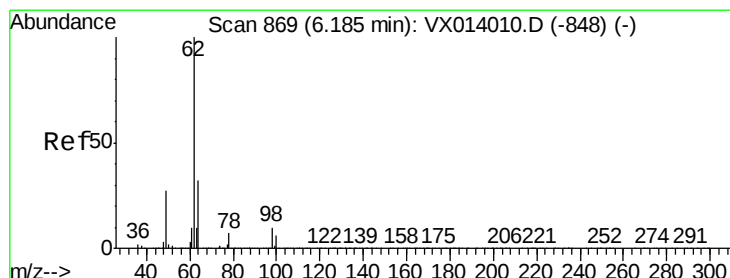
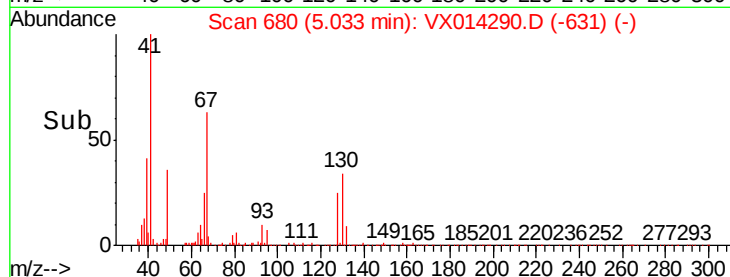
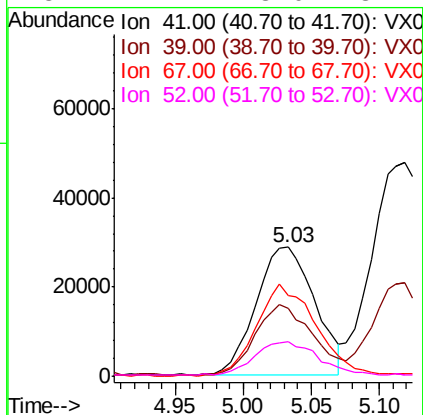
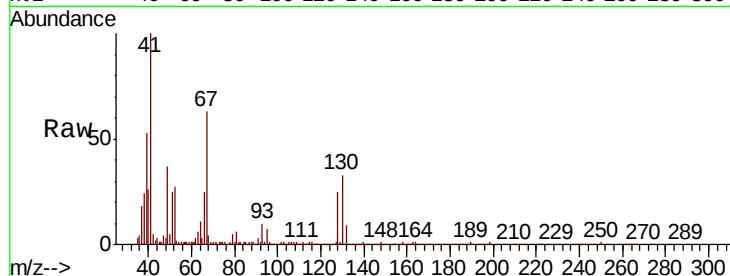
#41
Methacrylonitrile
Concen: 20.789 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.5	44.5	66.7
67	73.3	57.4	86.0
52	27.7	23.0	34.4

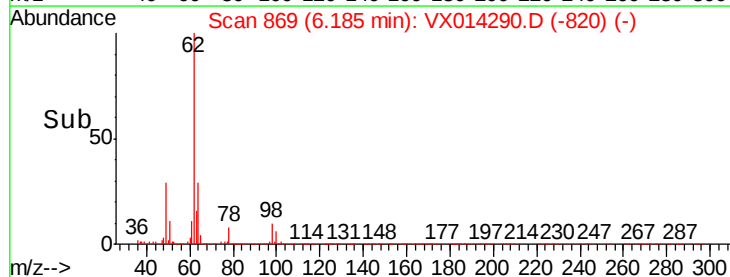
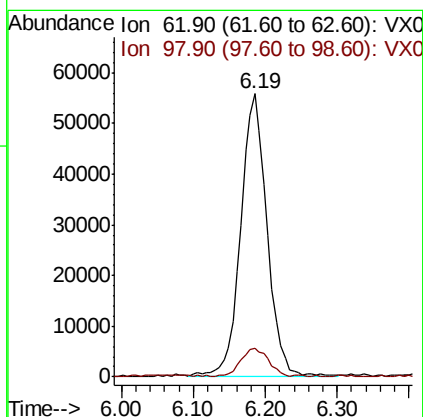
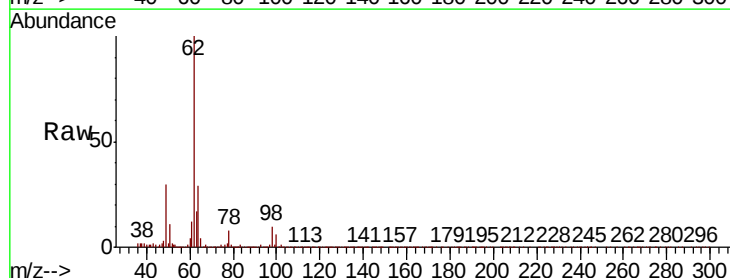
Manual Integrations
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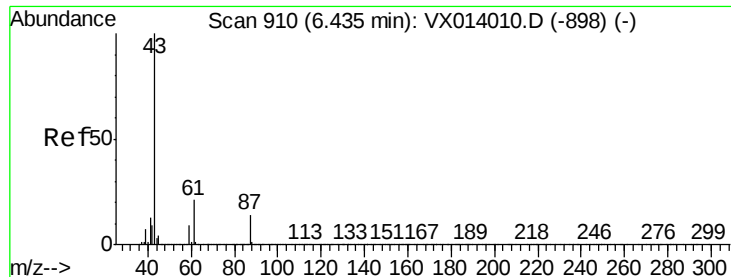
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#42
1,2-Dichloroethane
Concen: 19.804 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.0





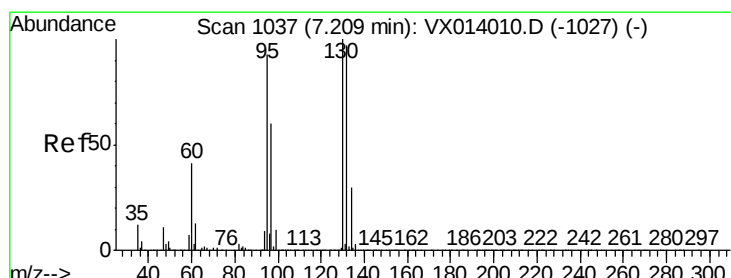
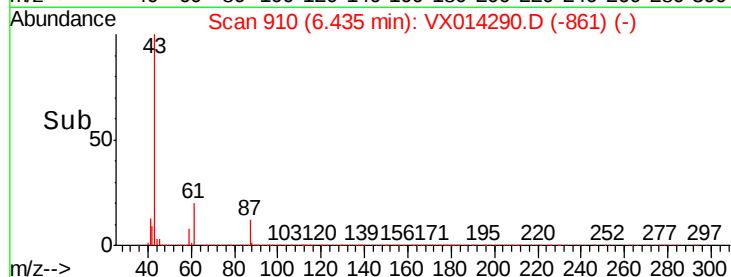
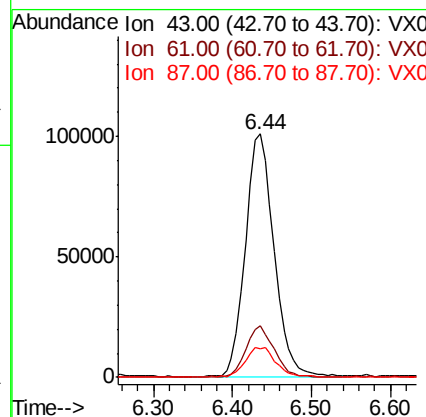
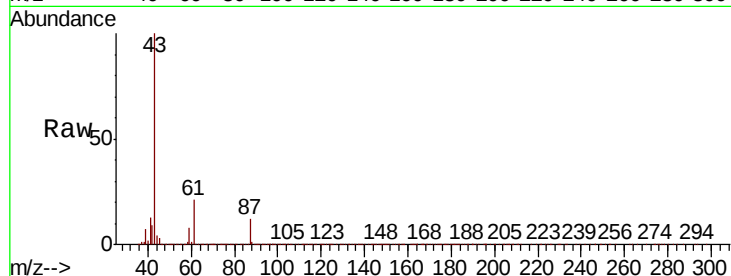
#43
Isopropyl Acetate
Concen: 20.520 ug/l
RT: 6.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.4	24.6
87	12.9	10.7	16.1

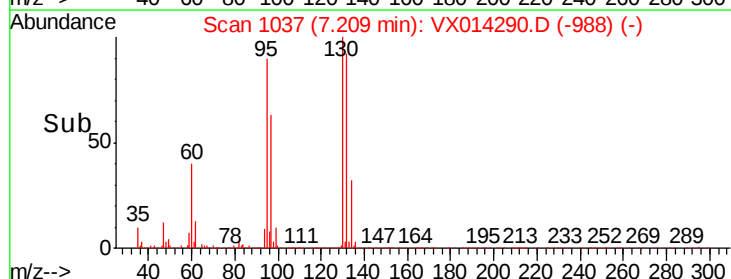
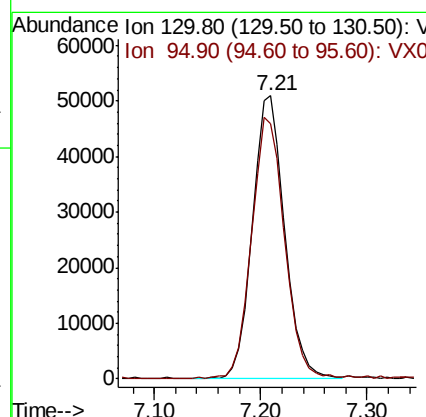
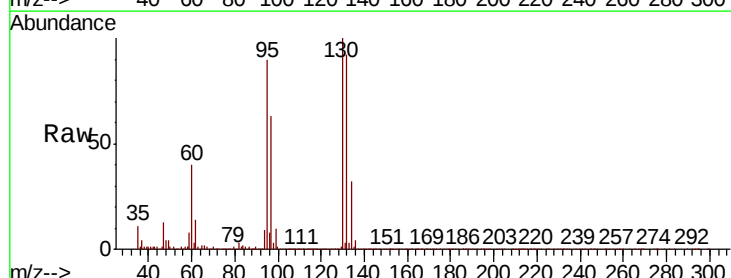
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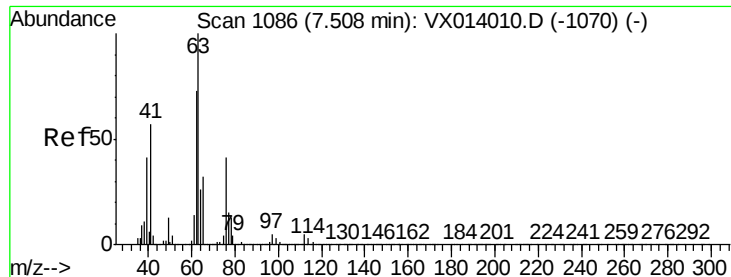
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#44
Trichloroethene
Concen: 18.840 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	185.6





#45

1,2-Dichloropropane

Concen: 20.074 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

Tot Ion: 63 Resp: 107174

Ion Ratio Lower Upper

63 100

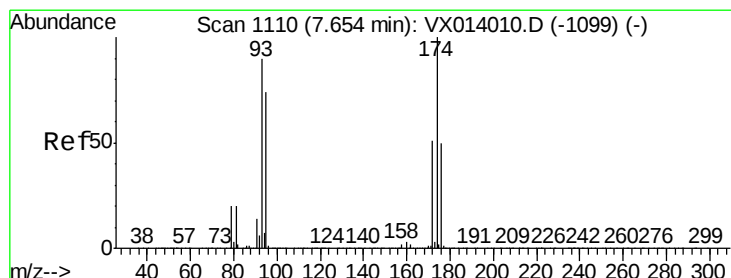
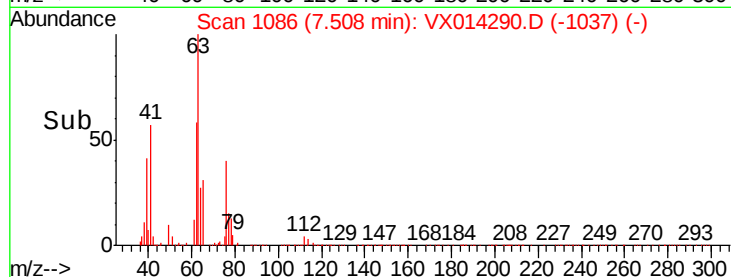
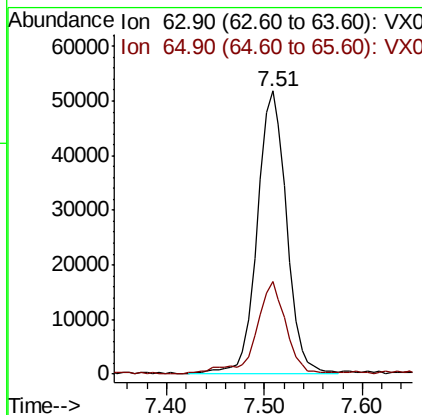
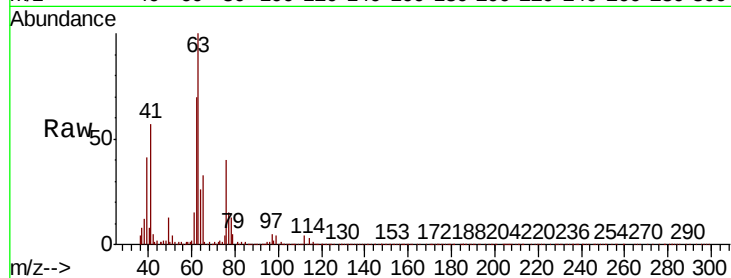
65 32.2 25.8 38.8

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#46

Dibromomethane

Concen: 19.269 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

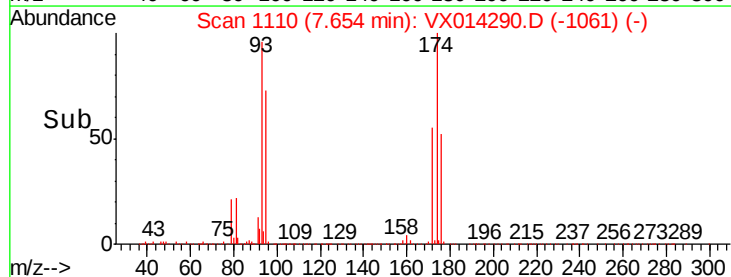
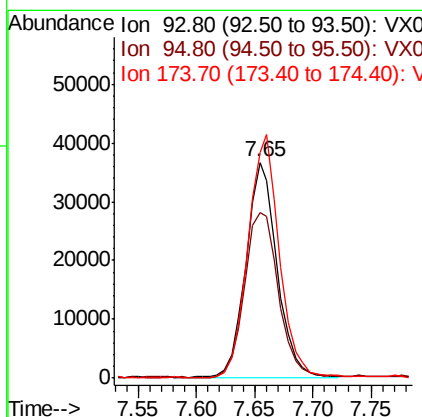
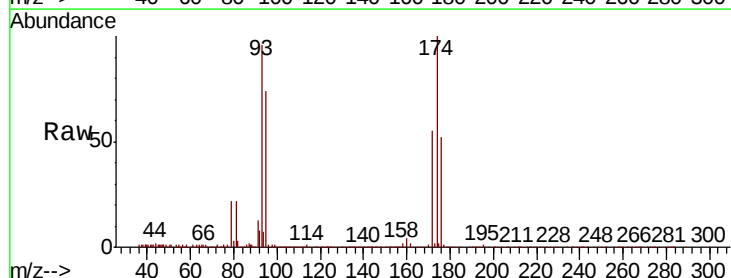
Tgt Ion: 93 Resp: 68017

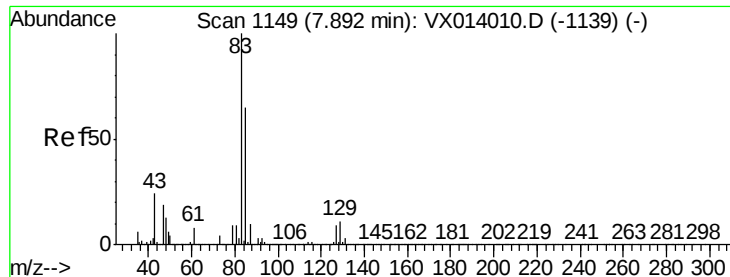
Ion Ratio Lower Upper

93 100

95 84.6 67.3 100.9

174 114.1 91.6 137.4





#47

Bromodichloromethane

Concen: 19.695 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

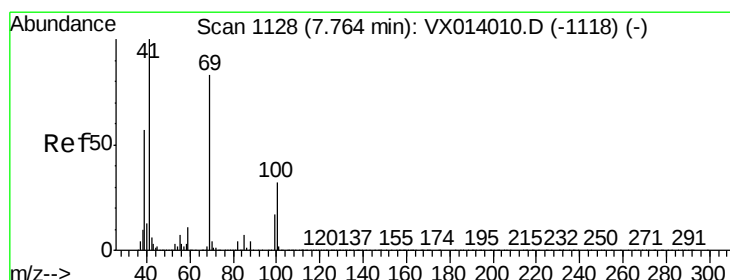
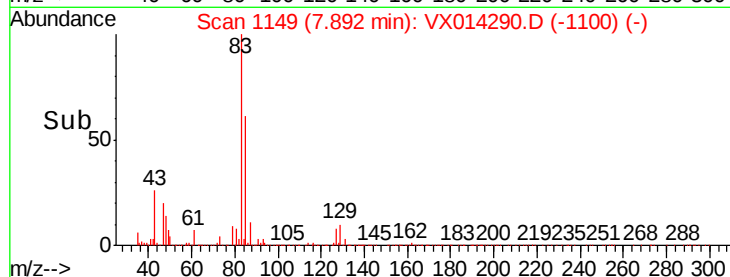
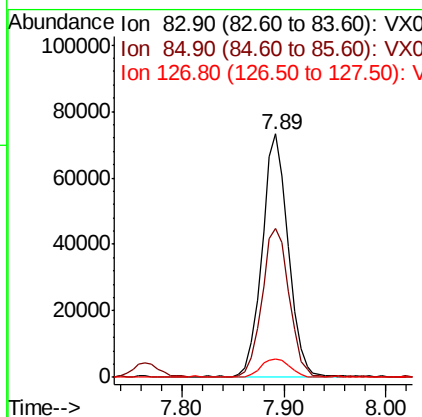
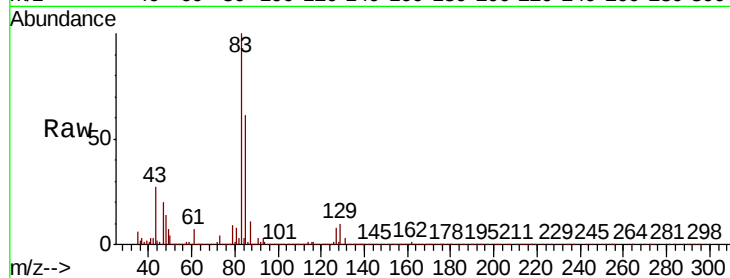
ClientSampleId :

VX1226WBS02

Tot Ion:	83	Resp:	130927
Ion Ratio	Lower	Upper	
83	100		
85	61.1	51.8	77.8
127	7.4	7.0	10.4

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#48

Methyl methacrylate

Concen: 20.254 ug/l

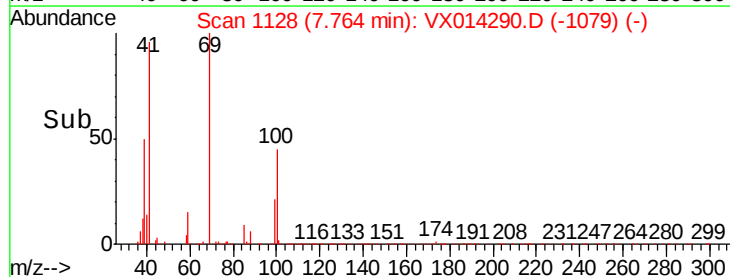
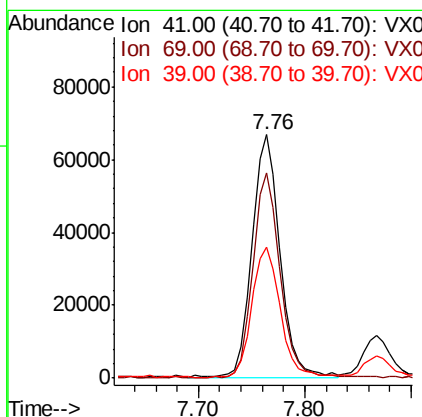
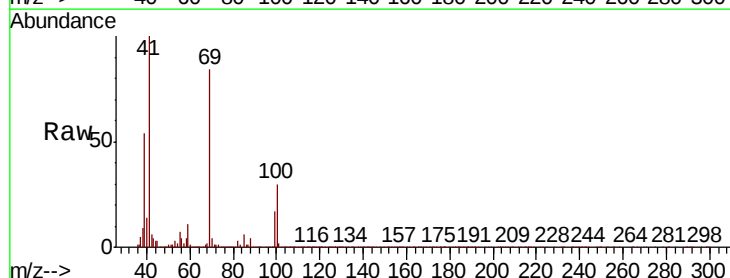
RT: 7.76 min Scan# 1128

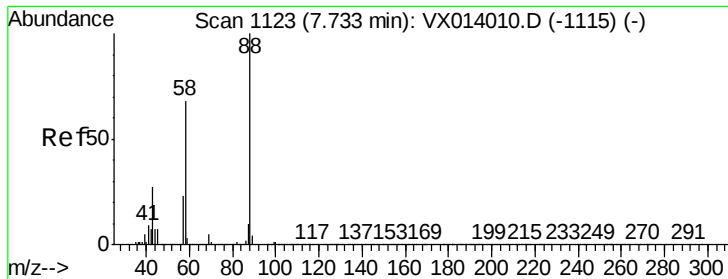
Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Tgt Ion:	41	Resp:	122705
Ion Ratio	Lower	Upper	
41	100		
69	83.7	65.8	98.6
39	54.6	44.6	67.0





#49

1,4-Dioxane

Concen: 424.545 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

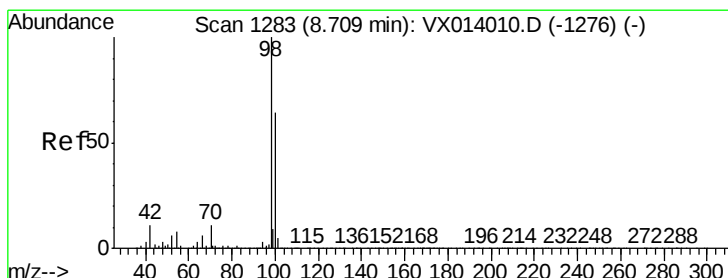
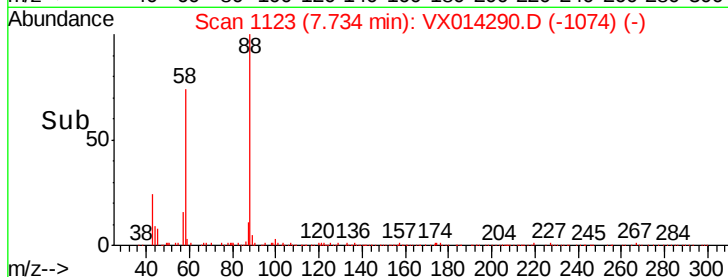
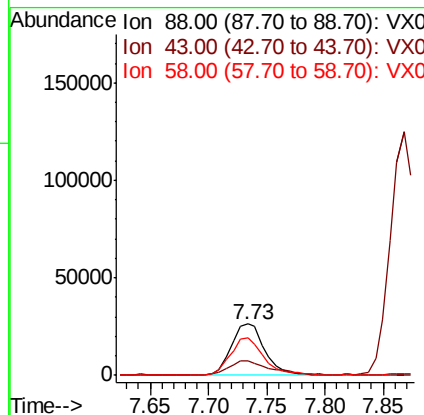
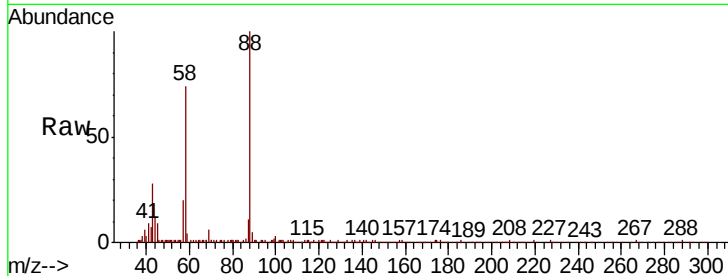
ClientSampleId :

VX1226WBS02

Tot Ion:	88	Resp:	52341
Ion Ratio	Lower	Upper	
88	100		
43	32.9	26.5	39.7
58	75.2	56.8	85.2

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#50

Toluene-d8

Concen: 50.738 ug/l

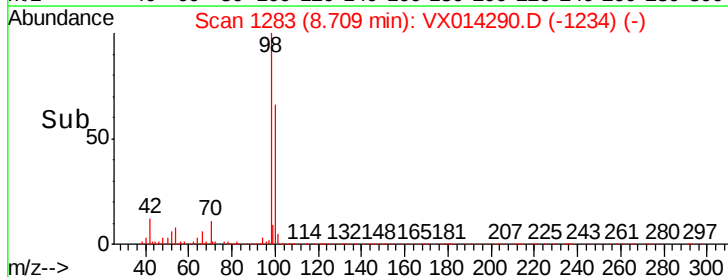
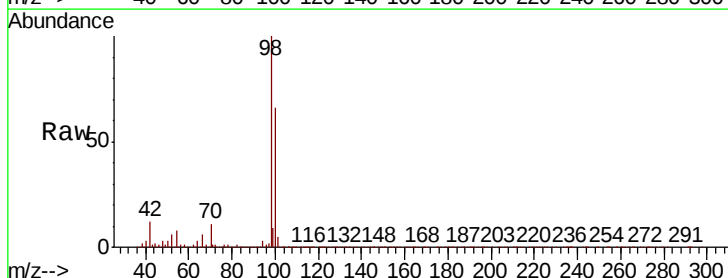
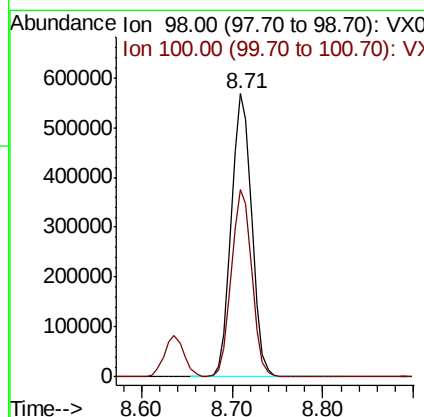
RT: 8.71 min Scan# 1283

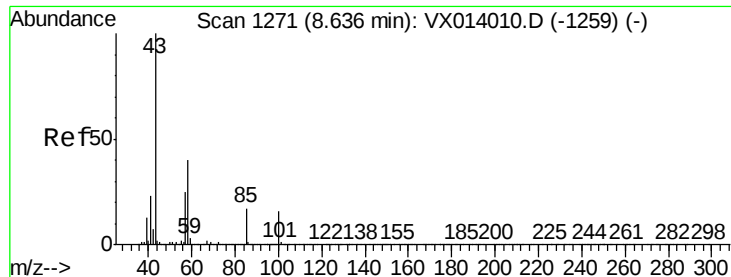
Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Tgt Ion:	98	Resp:	885958
Ion Ratio	Lower	Upper	
98	100		
100	66.1	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 104.761 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

Tot Ion: 43 Resp: 813977

Ion Ratio Lower Upper

43 100

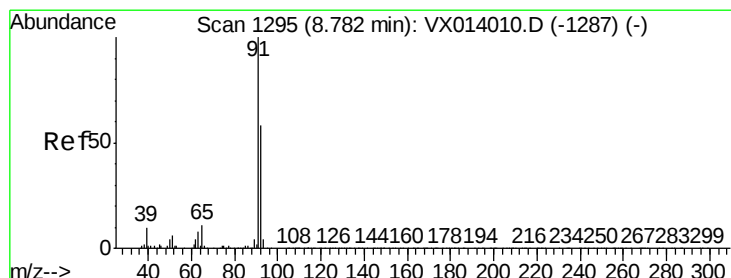
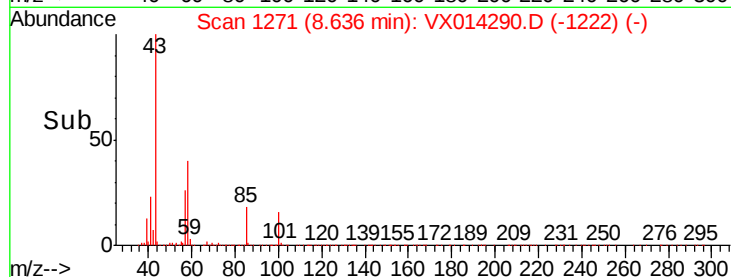
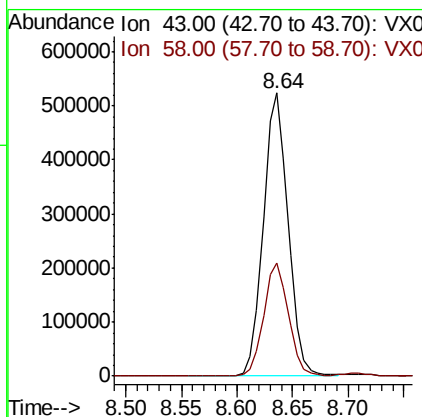
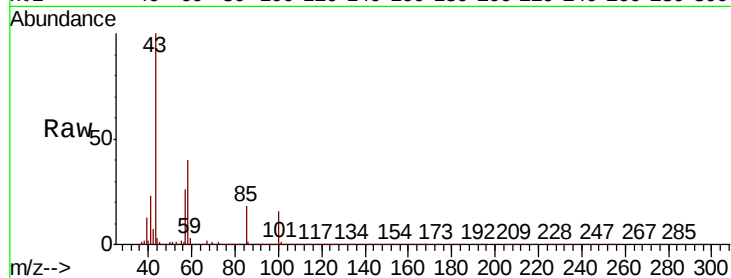
58 39.9 32.2 48.2

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#52

Toluene

Concen: 19.021 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014290.D

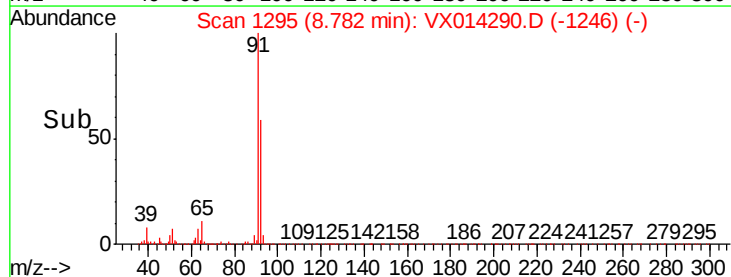
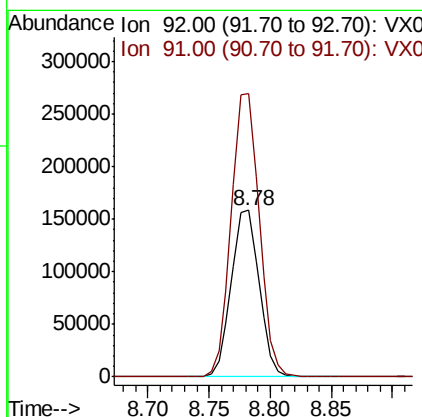
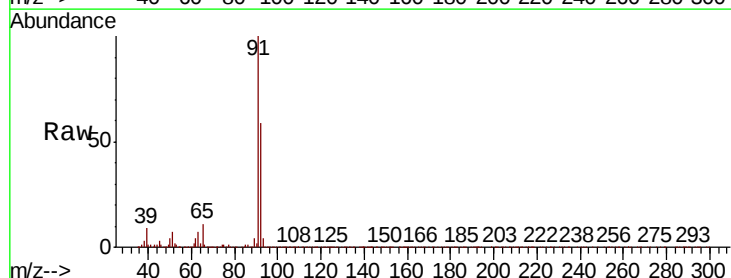
Acq: 27 Dec 2019 00:29

Tgt Ion: 92 Resp: 250426

Ion Ratio Lower Upper

92 100

91 171.7 136.2 204.4





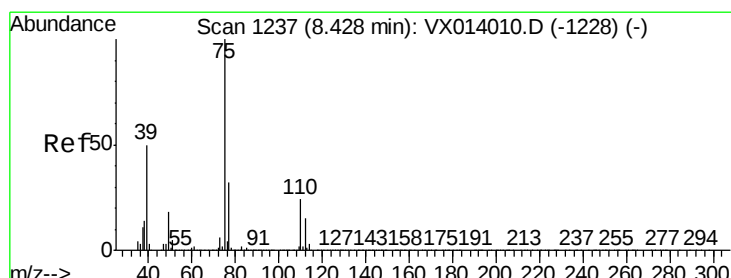
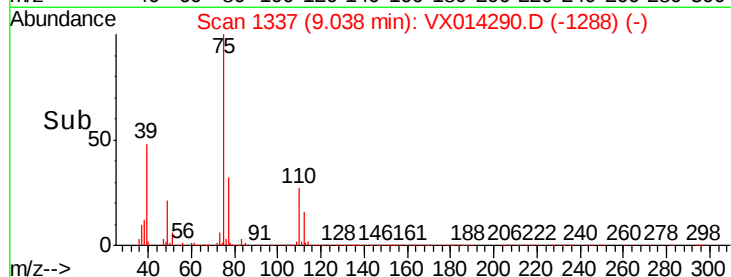
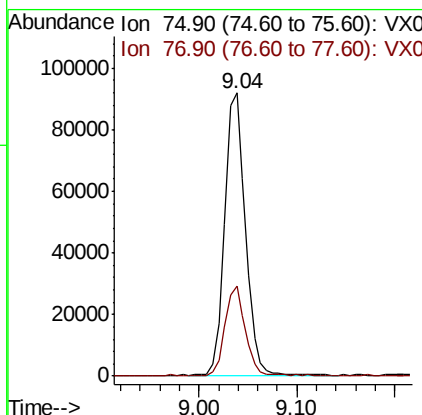
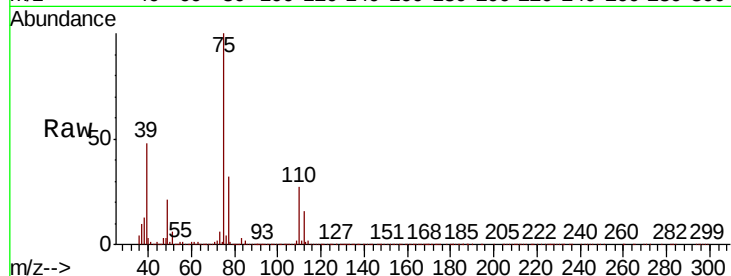
#53
t-1,3-Dichloropropene
Concen: 18.492 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.1	37.7

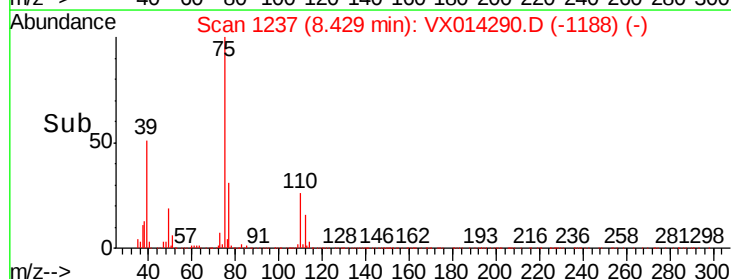
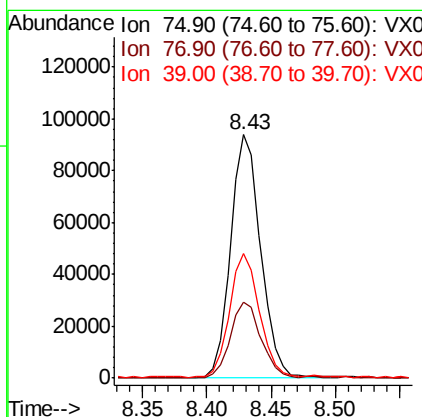
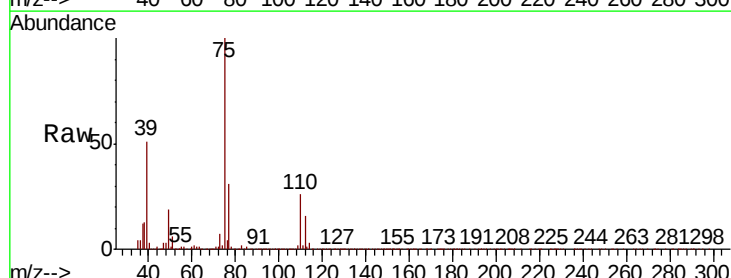
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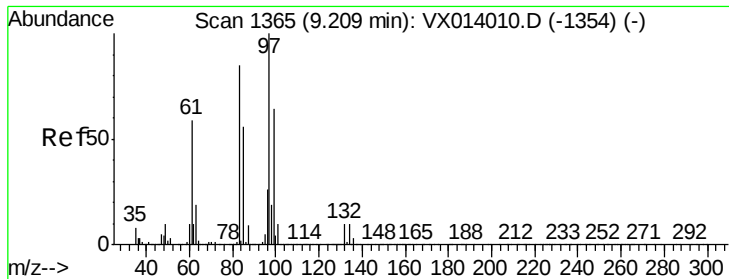
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#54
cis-1,3-Dichloropropene
Concen: 18.907 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.3	37.9
39	50.7	39.9	59.9





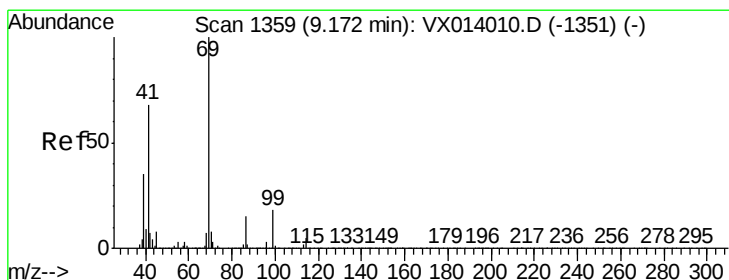
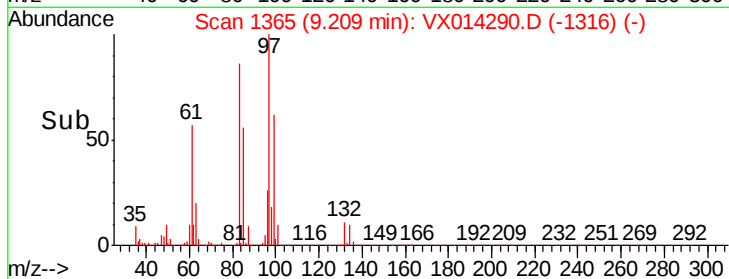
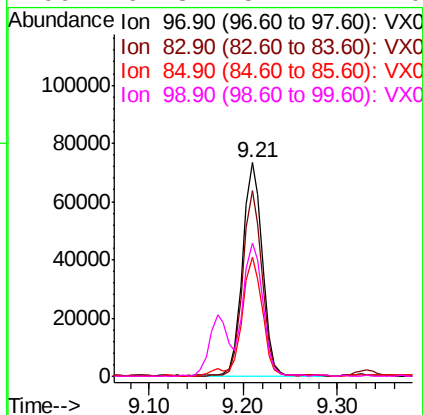
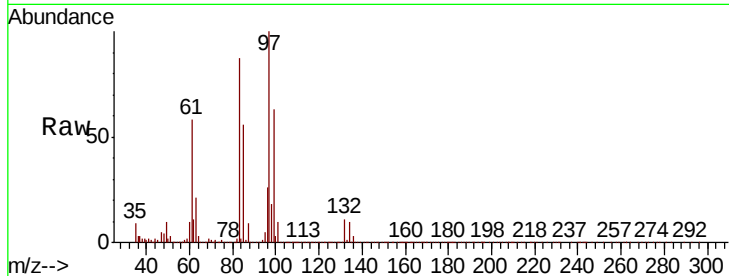
#55
 1,1,2-Trichloroethane
 Concen: 20.558 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS02

Tot Ion:	97	Resp:	108483
Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.2	102.4
85	55.6	44.6	66.8
99	62.3	51.4	77.0

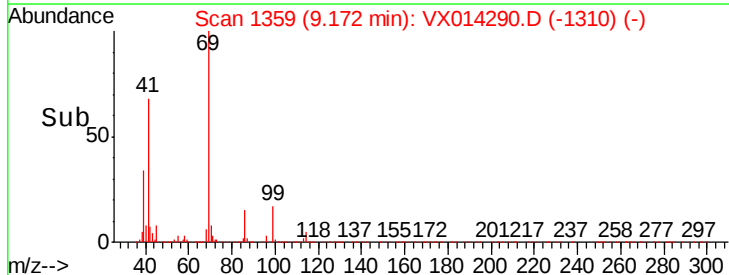
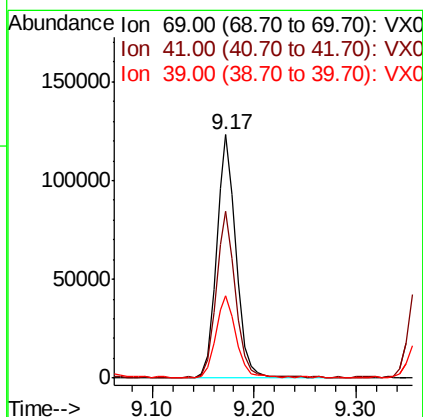
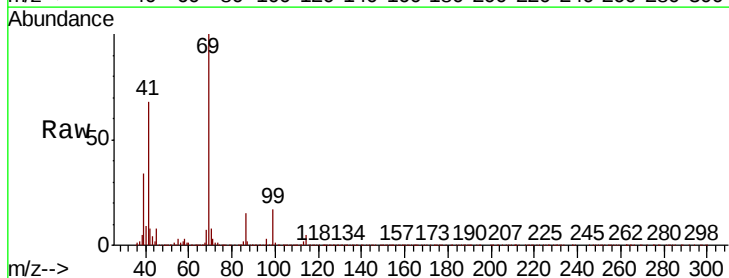
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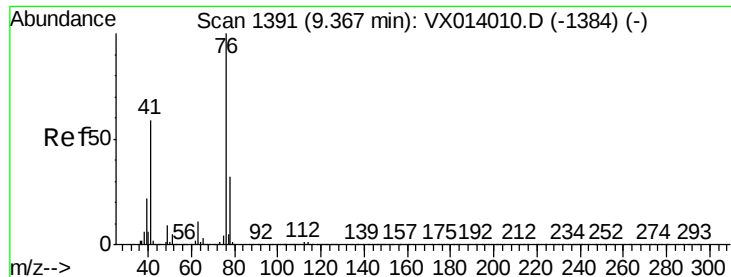
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#56
 Ethyl methacrylate
 Concen: 19.842 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

Tgt Ion:	69	Resp:	164470
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.8	82.2
39	35.2	28.3	42.5





#57

1,3-Dichloropropane

Concen: 20.389 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

Tot Ion: 76 Resp: 181017

Ion Ratio Lower Upper

76 100

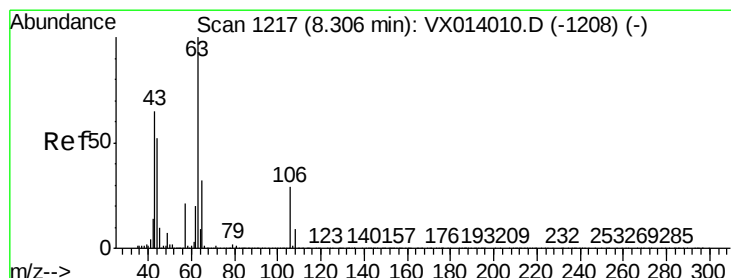
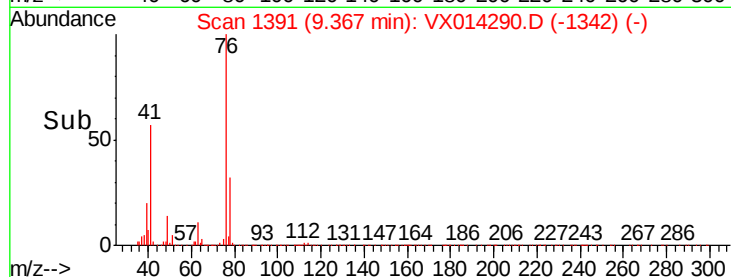
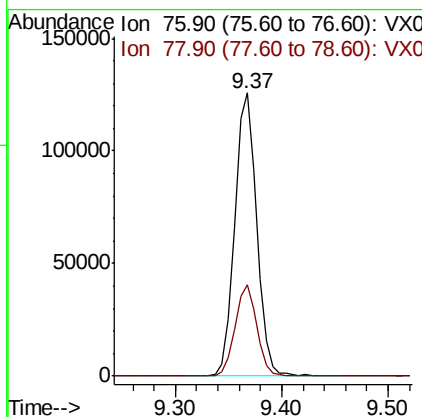
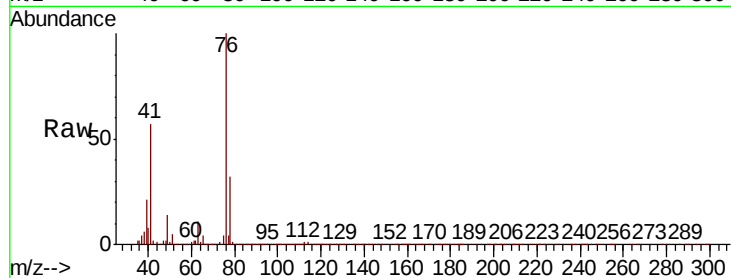
78 32.5 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 104.268 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014290.D

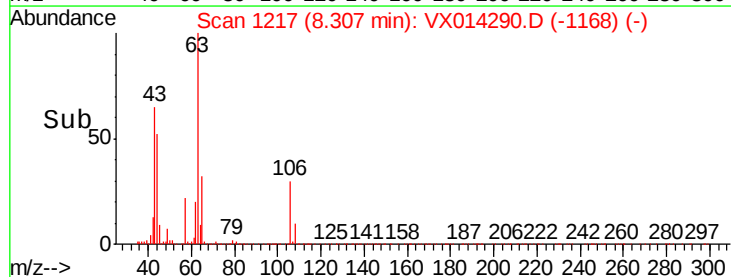
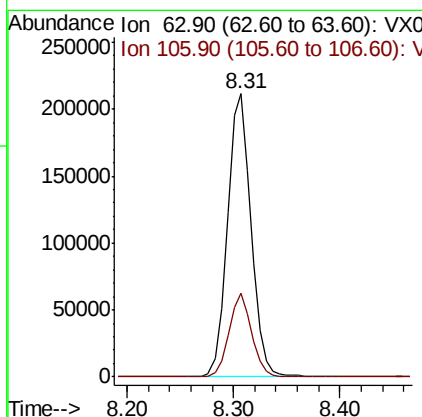
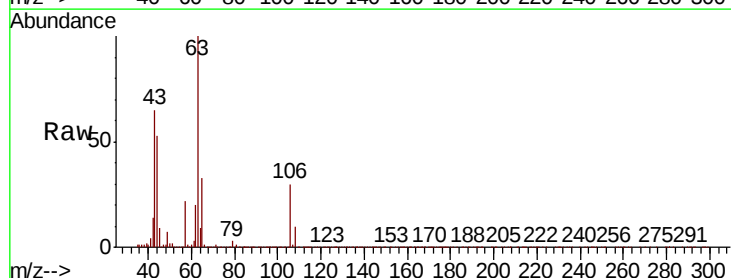
Acq: 27 Dec 2019 00:29

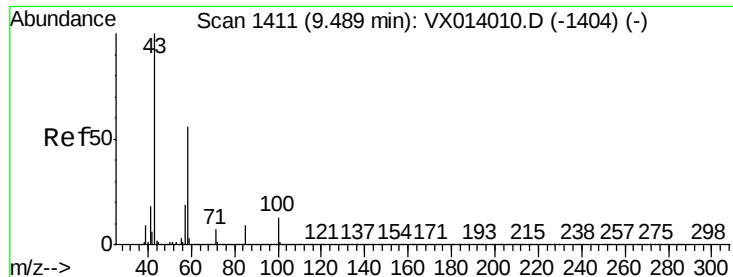
Tgt Ion: 63 Resp: 327073

Ion Ratio Lower Upper

63 100

106 28.4 23.0 34.6





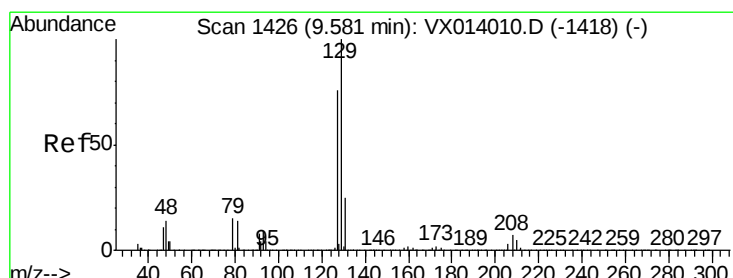
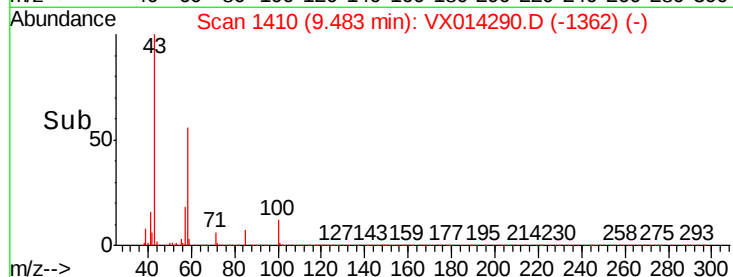
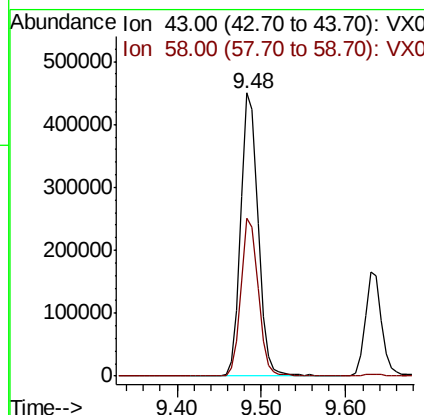
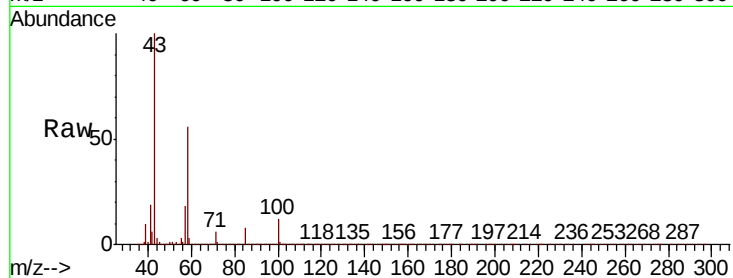
#59
2-Hexanone
Concen: 99.355 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion: 43 Resp: 621440
Ion Ratio Lower Upper
43 100
58 55.2 28.0 84.0

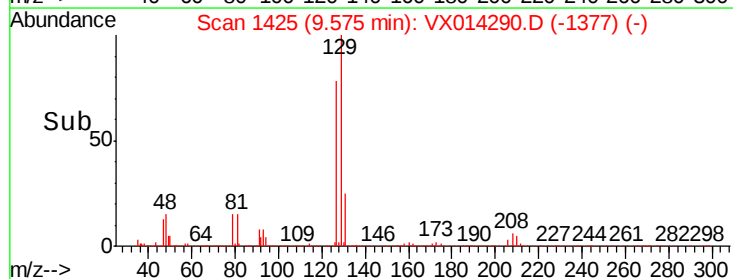
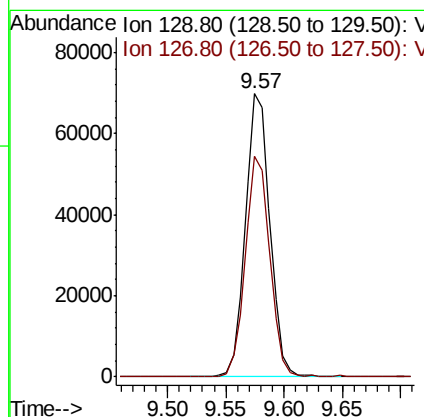
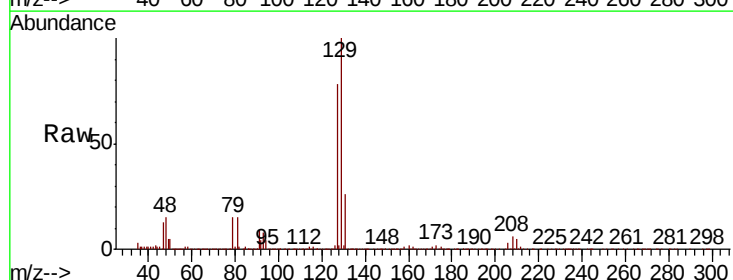
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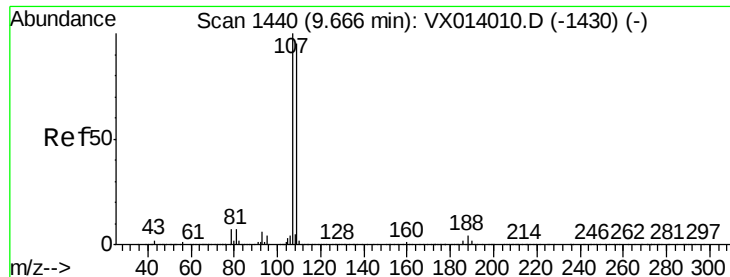
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#60
Dibromochloromethane
Concen: 19.608 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion: 129 Resp: 102848
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.250 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

Tot Ion: 107 Resp: 109327

Ion Ratio Lower Upper

107 100

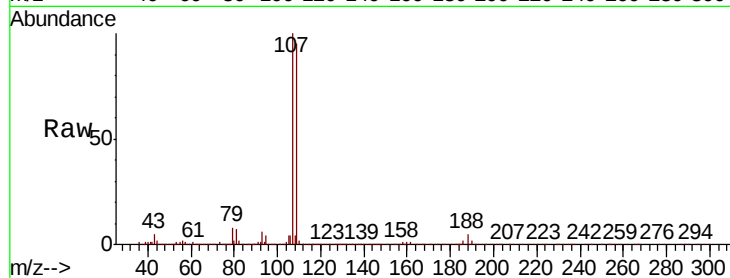
109 93.8 75.7 113.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

80000

60000

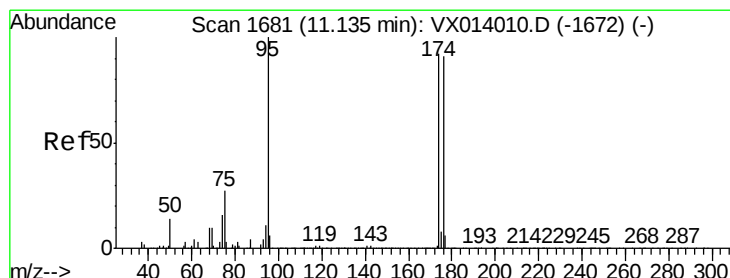
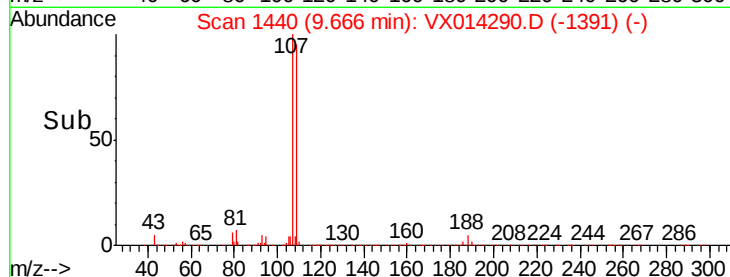
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 48.696 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

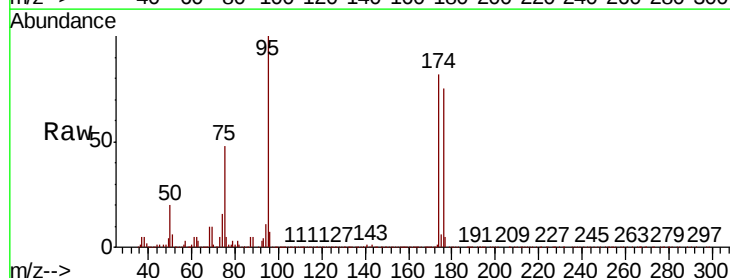
Tgt Ion: 95 Resp: 310824

Ion Ratio Lower Upper

95 100

174 87.4 0.0 175.8

176 84.0 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

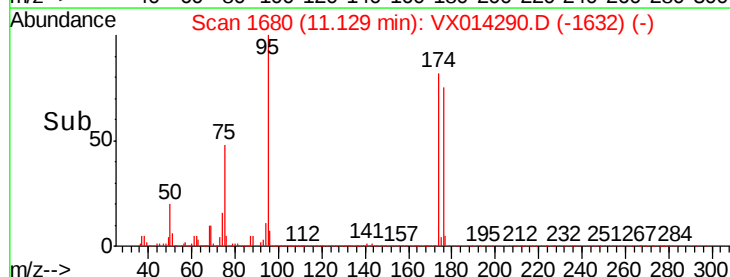
200000

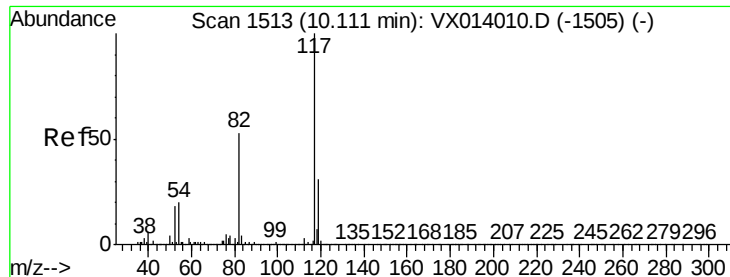
100000

0

11.10 11.13 11.20

Time-->





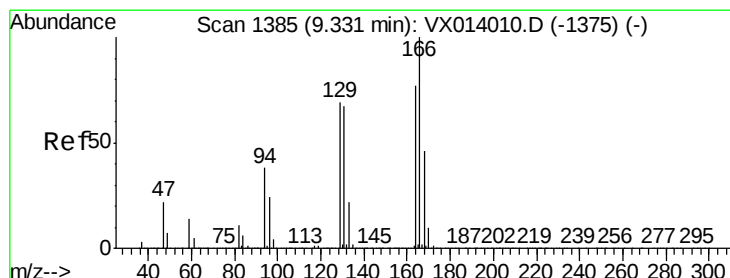
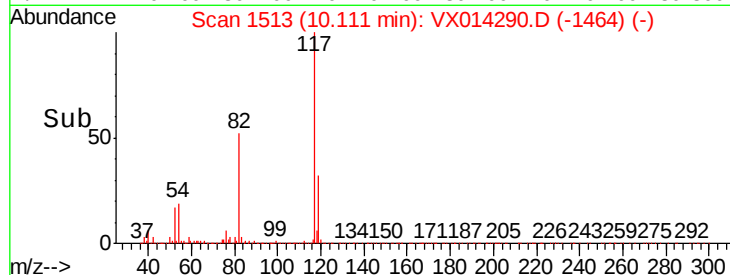
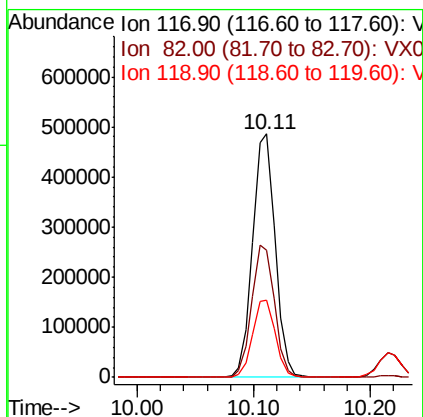
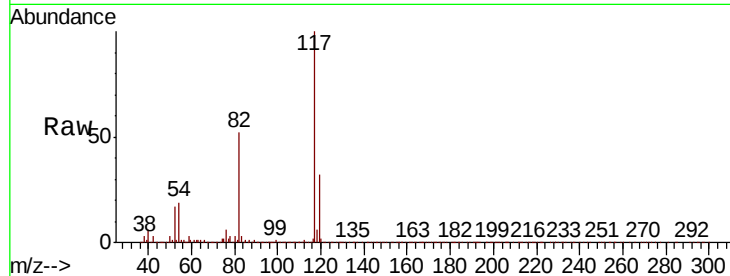
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	660795		
82	52.1		42.2	63.4
119	31.7		25.1	37.7

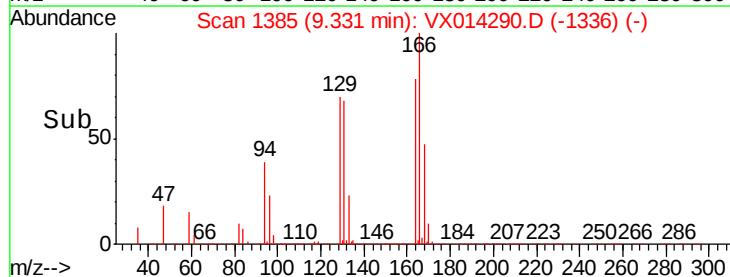
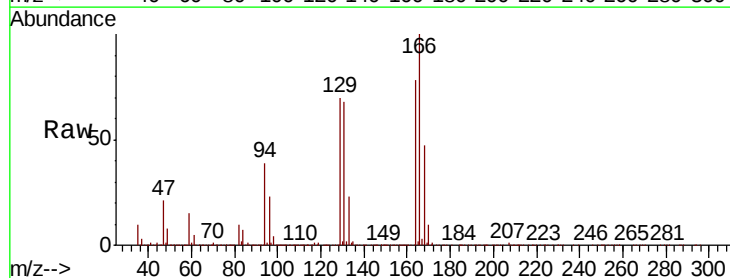
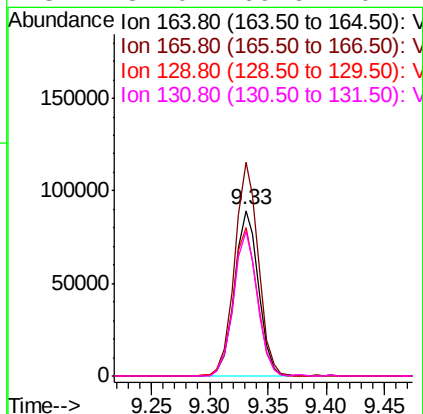
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#64
Tetrachloroethene
Concen: 21.907 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	128096		
166	128.9		104.0	156.0
129	89.9		72.2	108.4
131	87.0		69.6	104.4





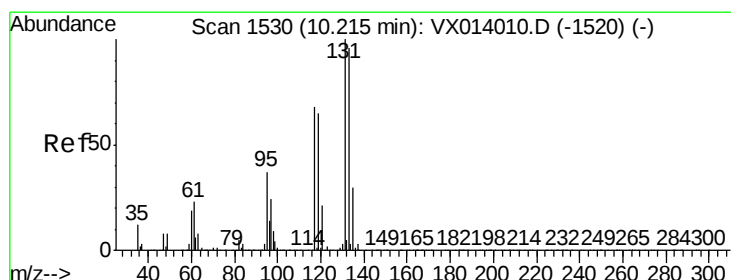
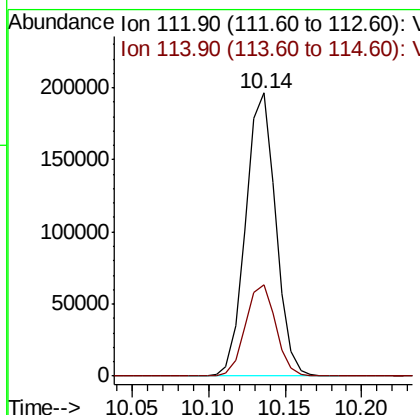
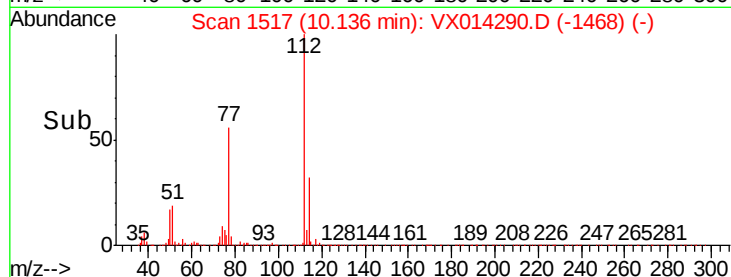
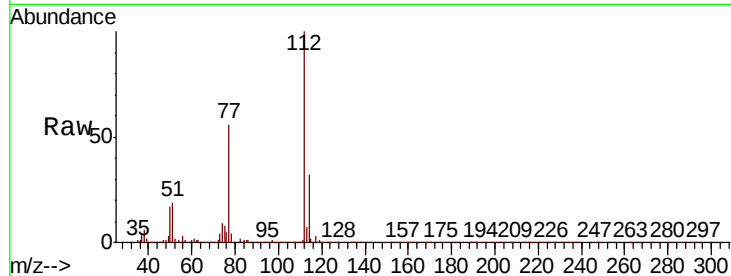
#65
Chlorobenzene
Concen: 19.058 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion:112 Resp: 267767
Ion Ratio Lower Upper
112 100
114 32.2 24.9 37.3

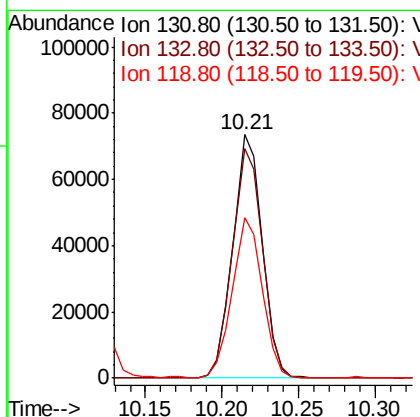
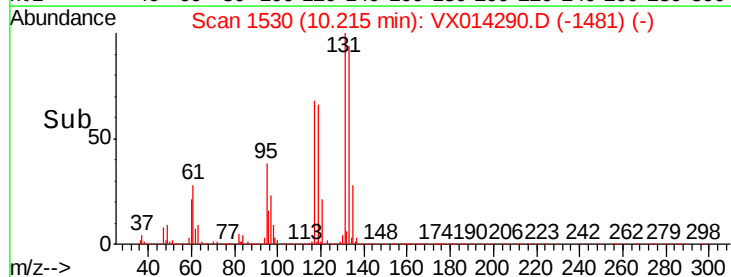
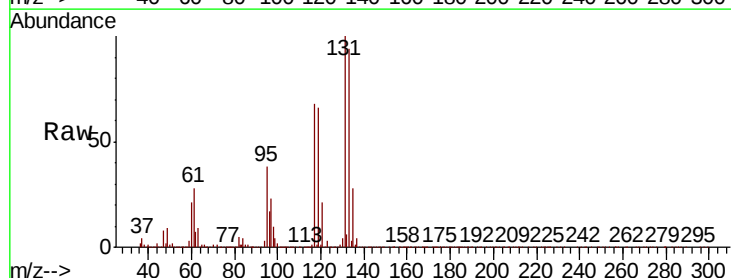
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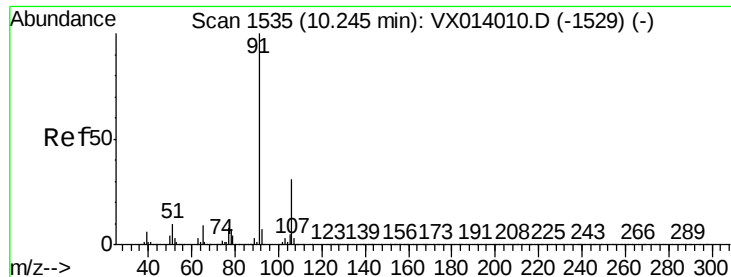
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.549 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion:131 Resp: 98072
Ion Ratio Lower Upper
131 100
133 97.1 48.0 144.0
119 67.3 33.4 100.2





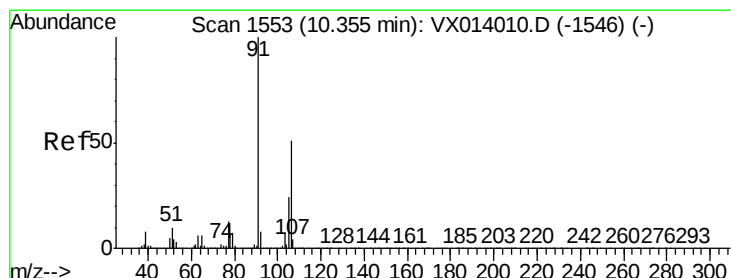
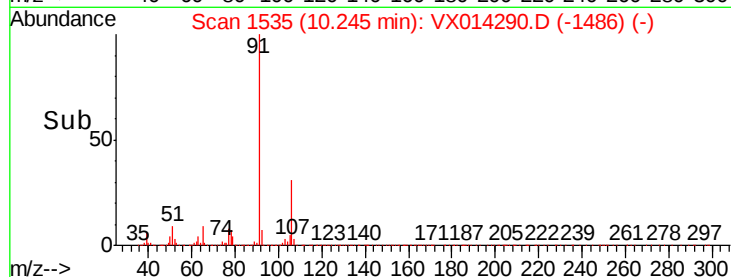
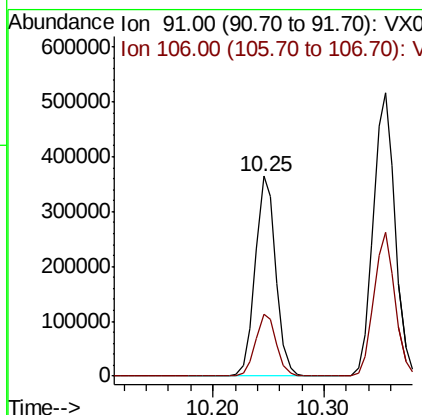
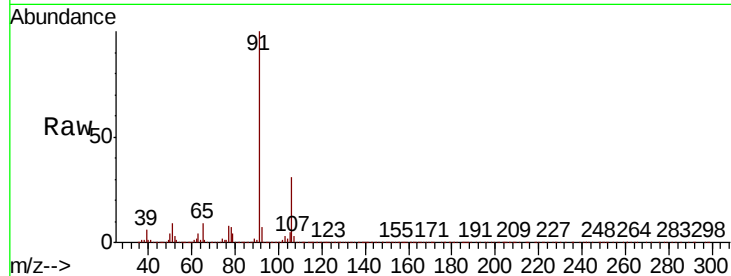
#67
Ethyl Benzene
Concen: 19.428 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion: 91 Resp: 469287
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6

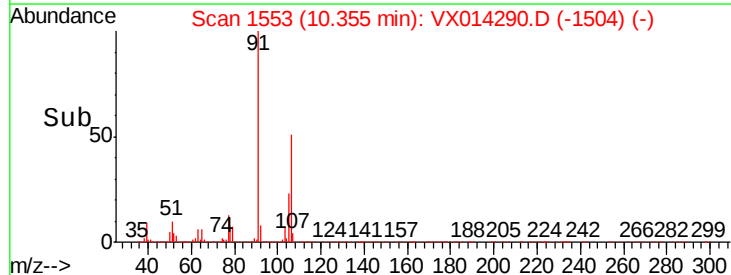
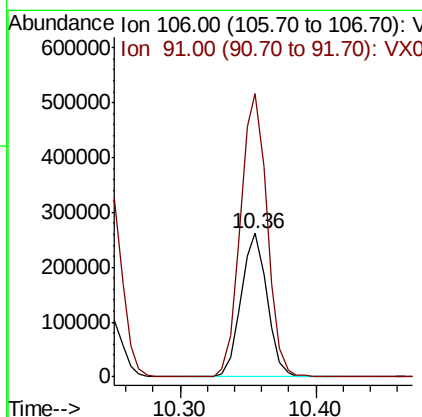
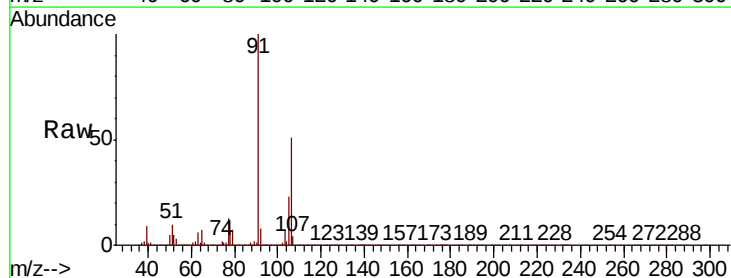
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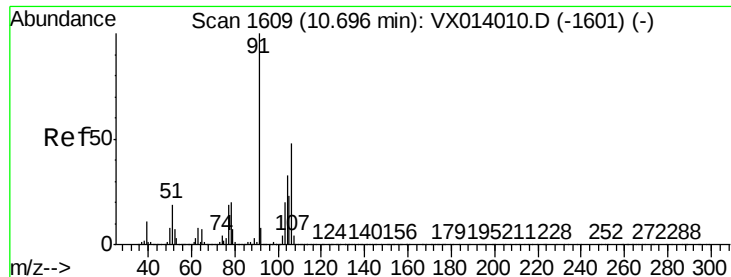
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#68
m/p-Xylenes
Concen: 37.539 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion: 106 Resp: 348756
Ion Ratio Lower Upper
106 100
91 202.8 158.6 238.0





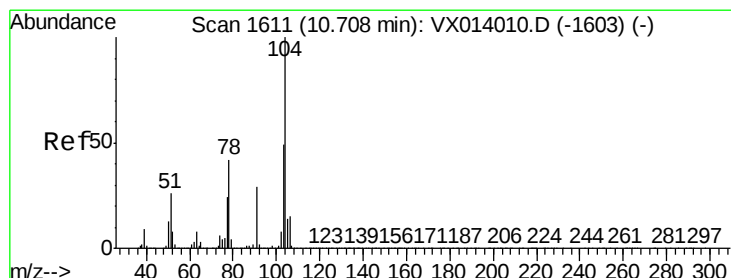
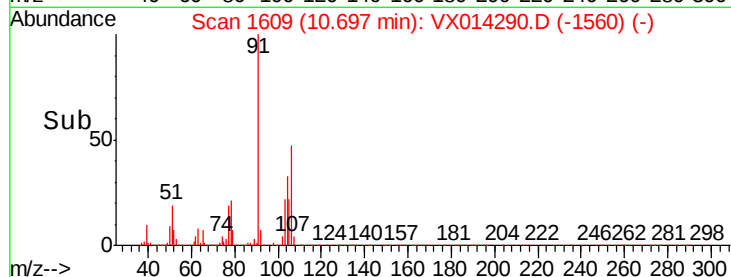
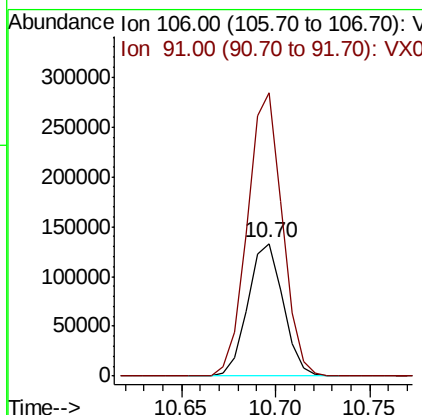
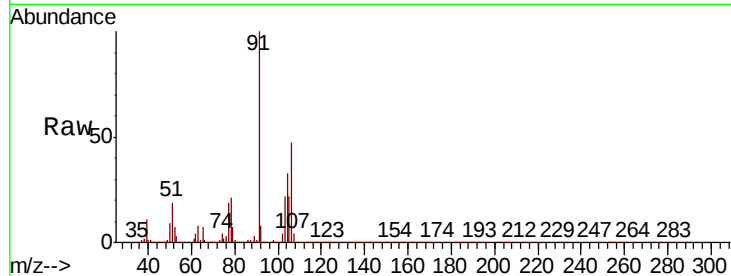
#69
o-Xylene
Concen: 19.001 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.6	104.2	312.6

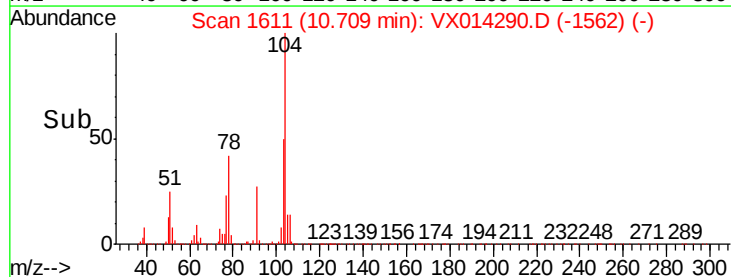
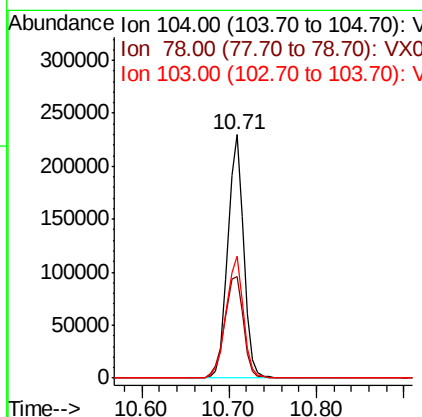
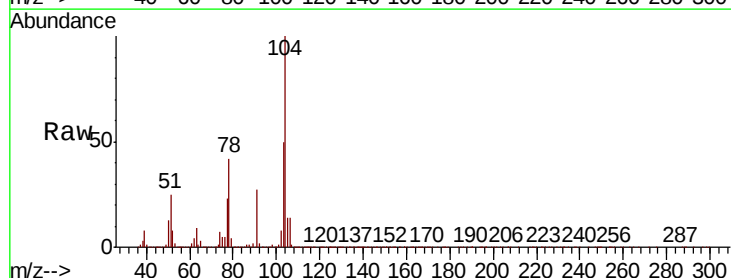
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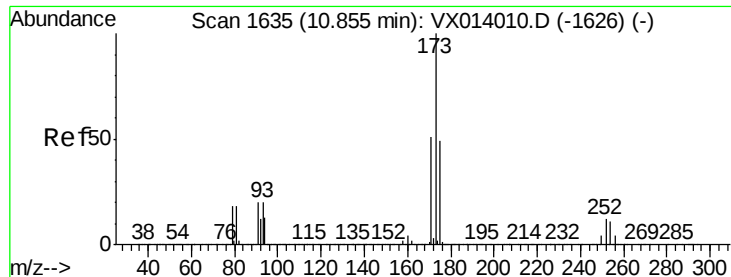
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#70
Styrene
Concen: 18.795 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.4	38.5	57.7
103	54.7	42.9	64.3





#71

Bromoform

Concen: 19.103 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

Tot Ion:173 Resp: 77033

Ion Ratio Lower Upper

173 100

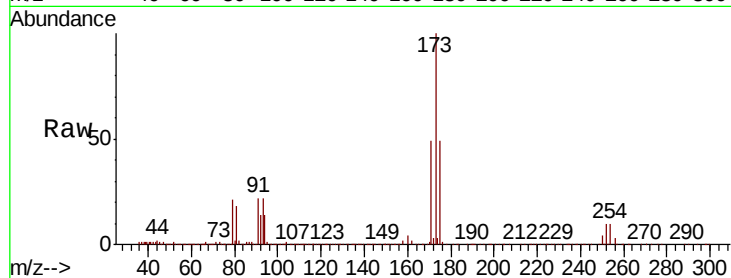
175 48.0 24.4 73.4

254 0.2 0.2 0.2

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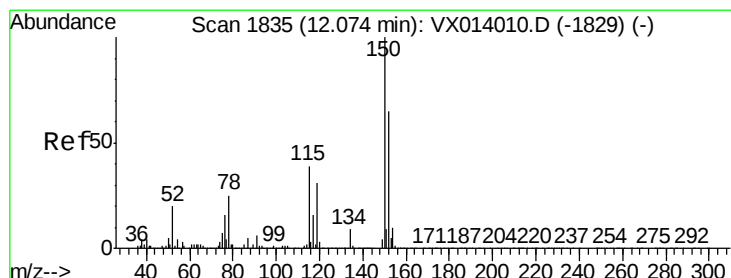
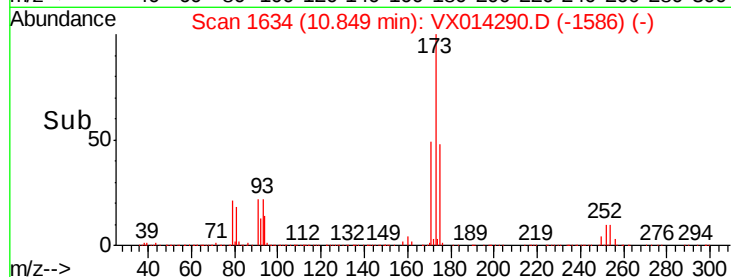
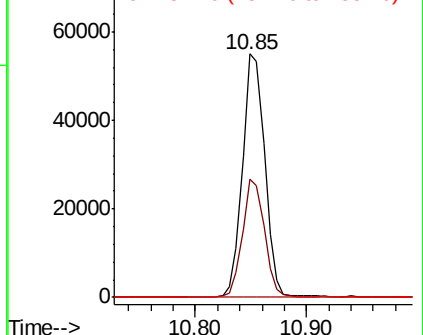
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

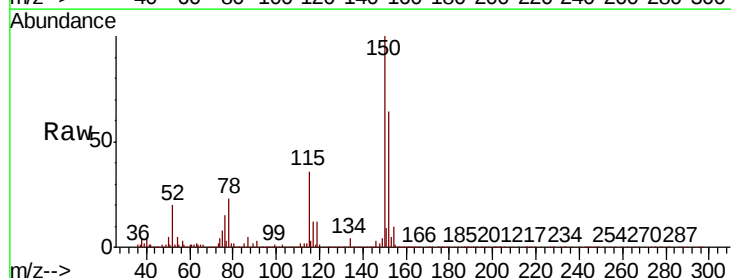
Tgt Ion:152 Resp: 318800

Ion Ratio Lower Upper

152 100

115 63.8 38.3 114.9

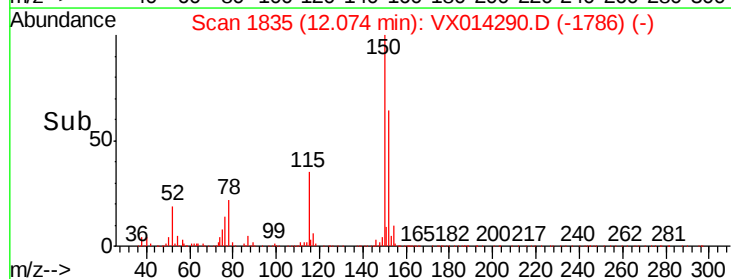
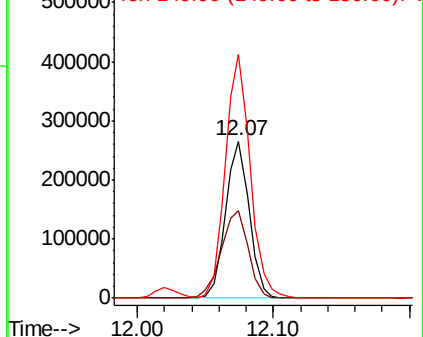
150 162.4 0.0 345.4

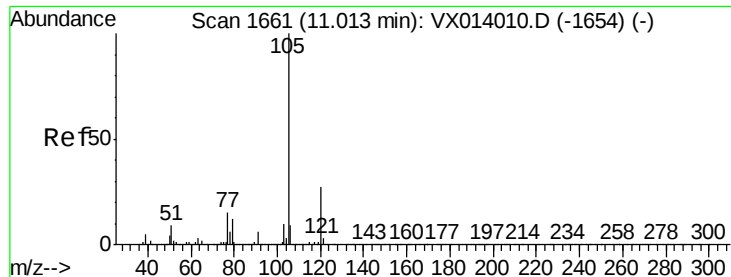


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.313 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

Tot Ion: 105 Resp: 455939

Ion Ratio Lower Upper

105 100

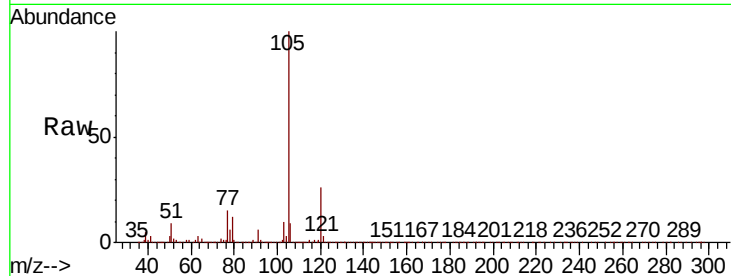
120 26.8 13.5 40.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

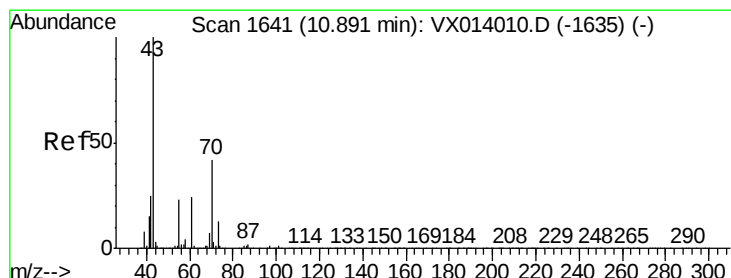
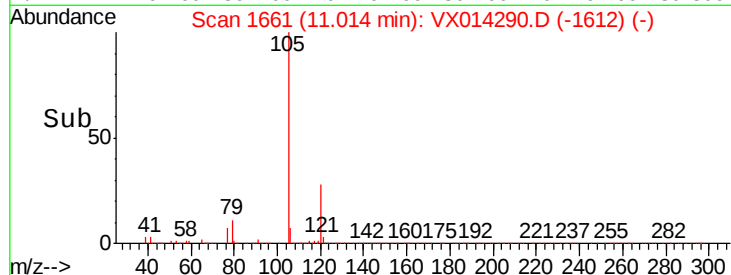
100000

0

11.01

11.10

Time-->



#74

N-ethyl acetate

Concen: 20.015 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Tgt Ion: 43 Resp: 210582

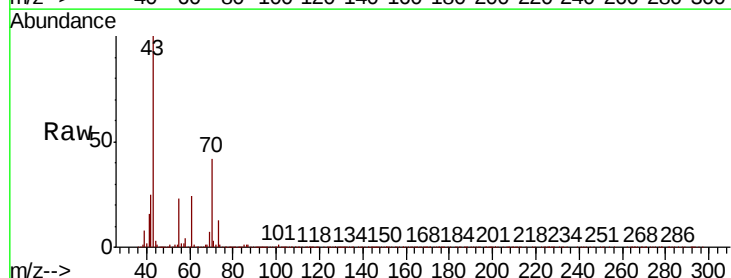
Ion Ratio Lower Upper

43 100

70 42.9 34.4 51.6

55 24.1 19.1 28.7

61 25.0 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

100000

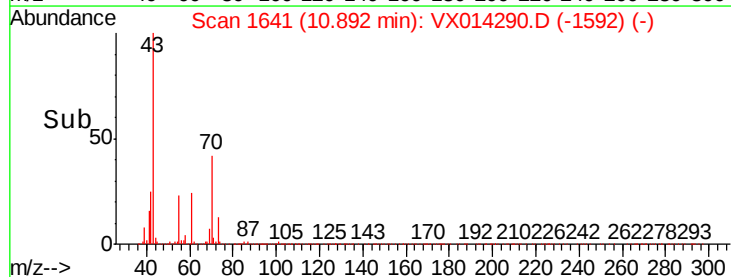
50000

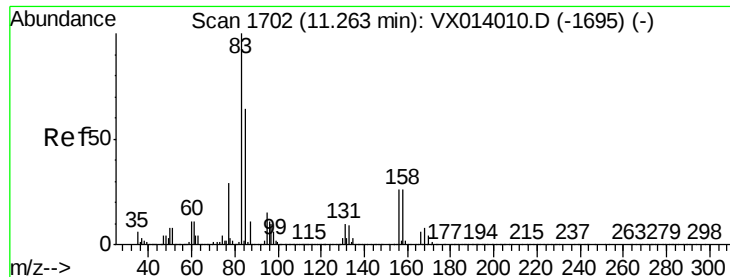
0

10.89

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.309 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

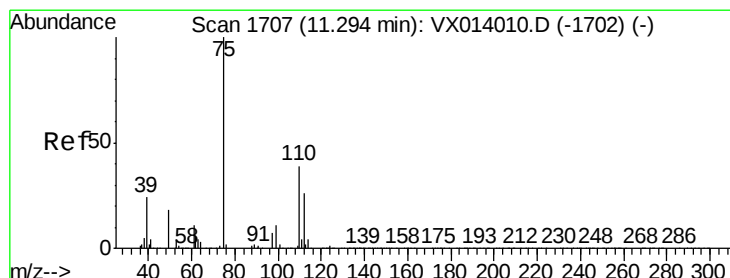
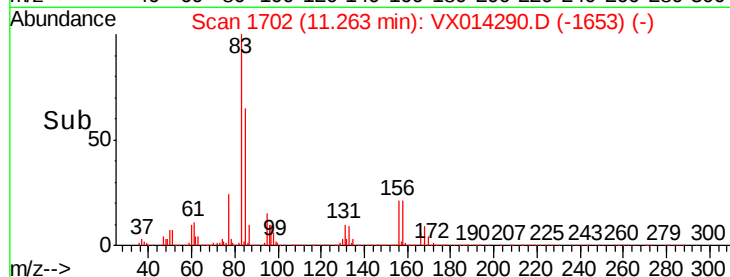
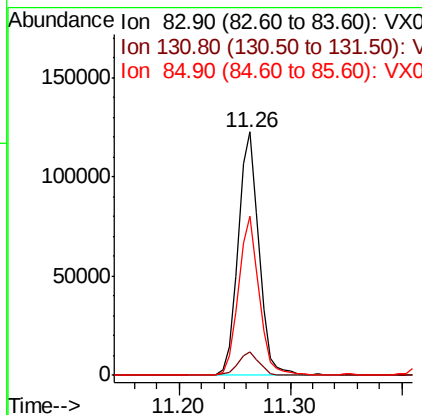
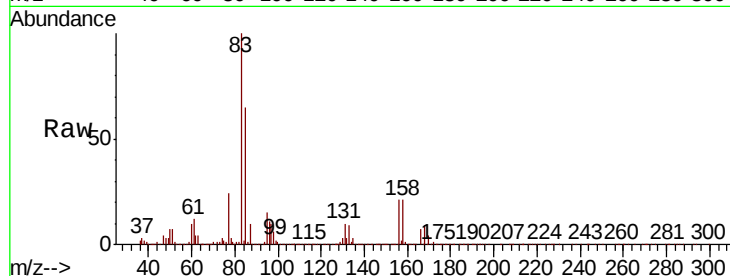
ClientSampleId :

VX1226WBS02

Tot Ion:	83	Resp:	158045
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.2
85	65.1	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 19.285 ug/l m

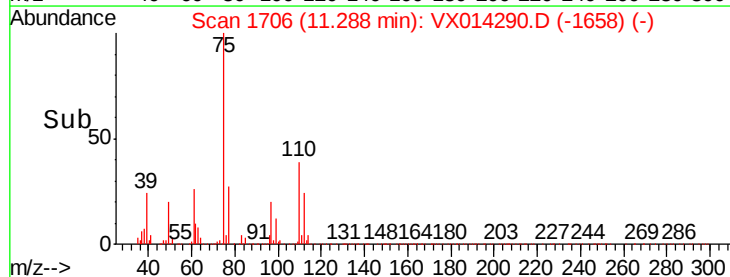
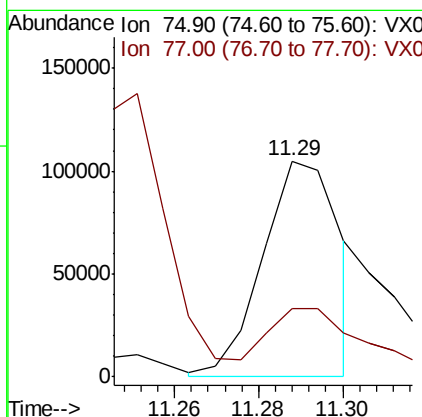
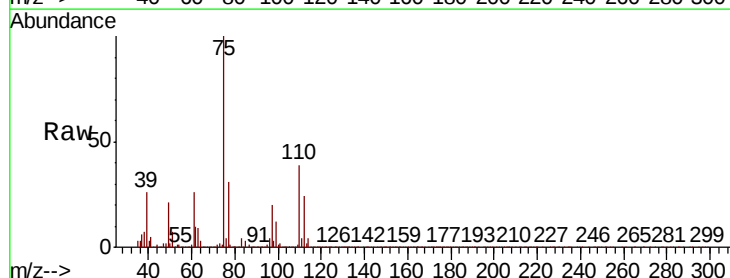
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Tgt Ion:	75	Resp:	133474
Ion Ratio	Lower	Upper	
75	100		
77	40.4	19.3	57.8





#77

Bromobenzene

Concen: 19.186 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

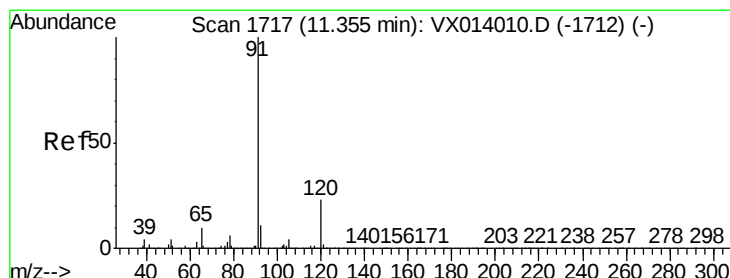
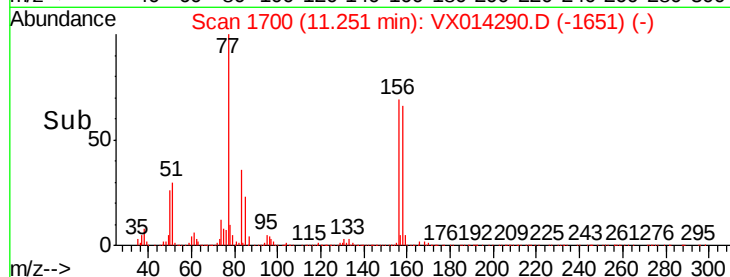
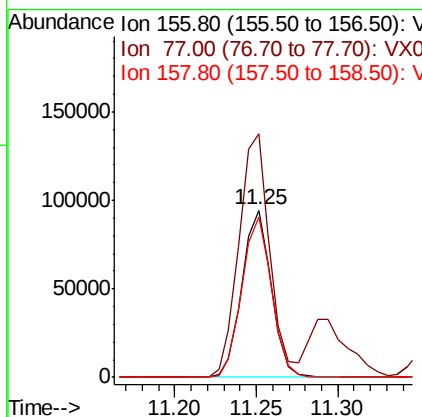
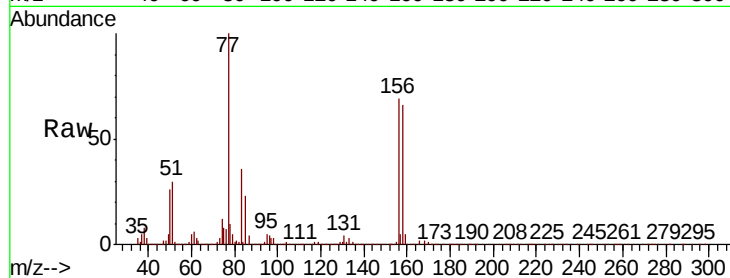
ClientSampleId :

VX1226WBS02

Tot Ion:	156	Resp:	118489
Ion Ratio	Lower	Upper	
156	100		
77	154.0	76.5	229.5
158	97.6	49.3	147.9

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#78

n-propylbenzene

Concen: 20.024 ug/l

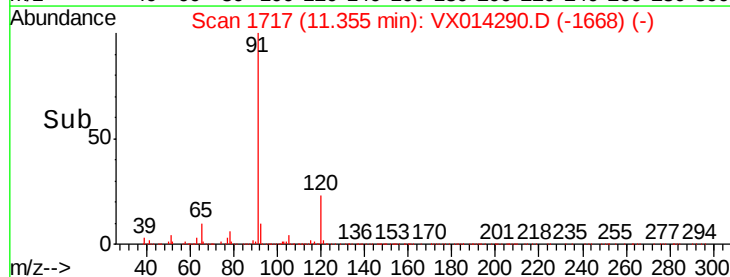
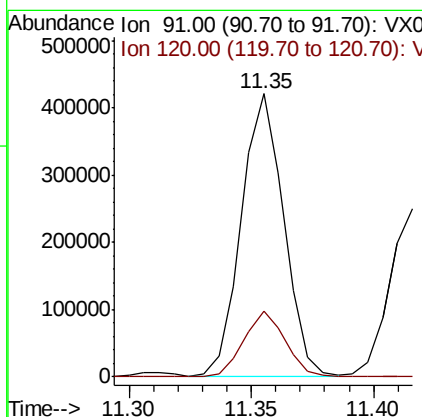
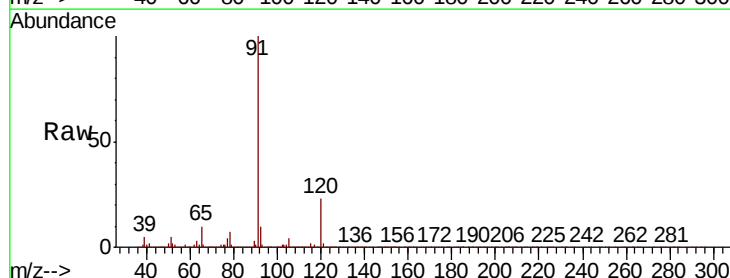
RT: 11.35 min Scan# 1717

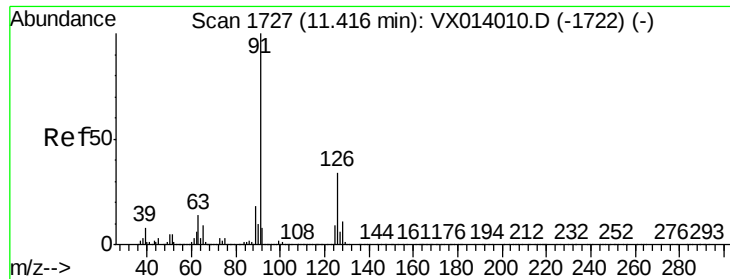
Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Tgt Ion:	91	Resp:	504153
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.7	35.0





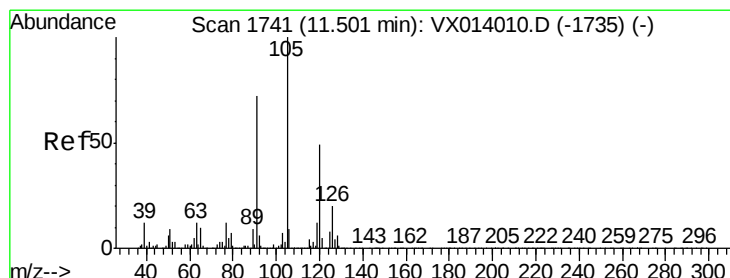
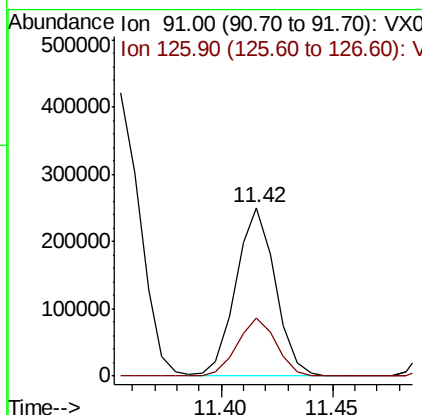
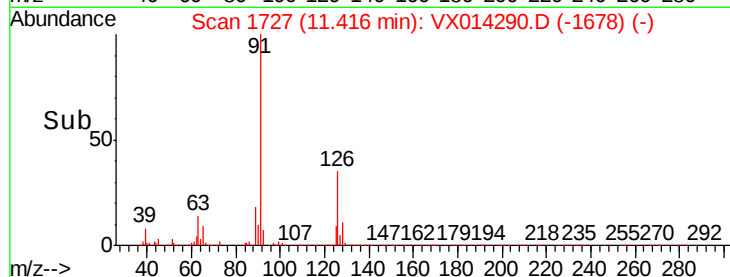
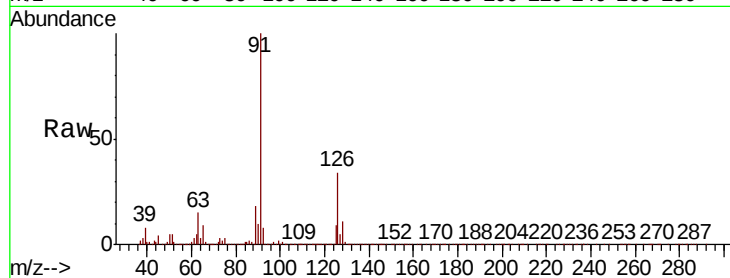
#79
2-Chlorotoluene
Concen: 20.035 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion: 91 Resp: 306626
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6

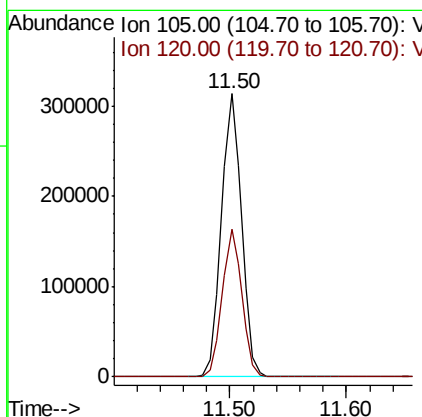
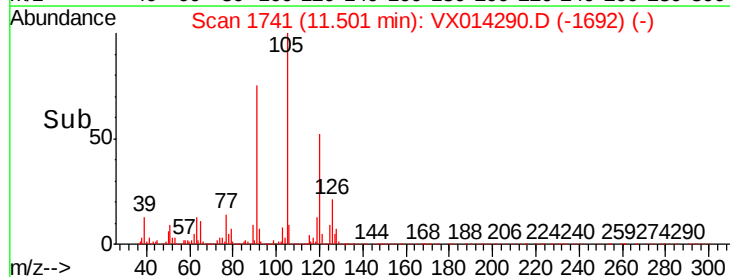
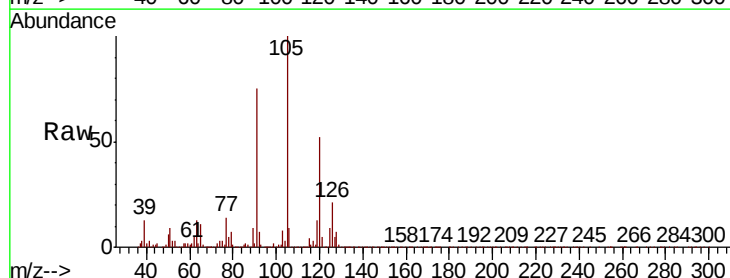
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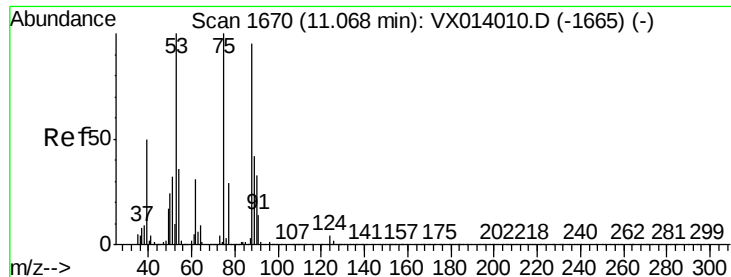
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#80
1,3,5-Trimethylbenzene
Concen: 19.691 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion: 105 Resp: 371966
Ion Ratio Lower Upper
105 100
120 51.0 25.3 75.8





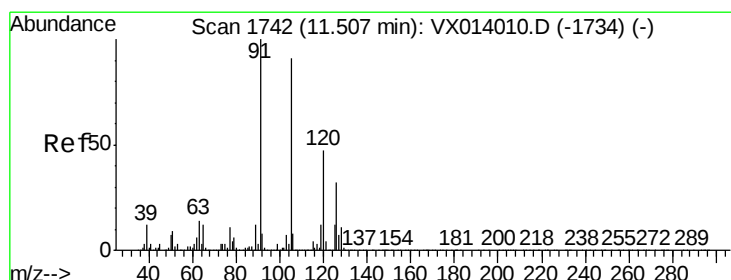
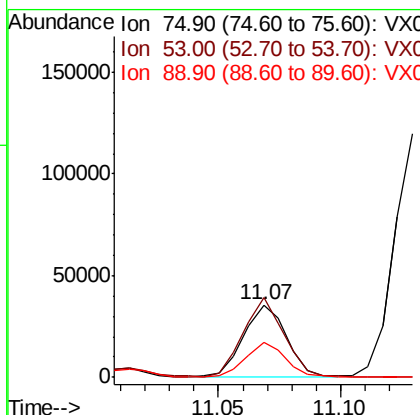
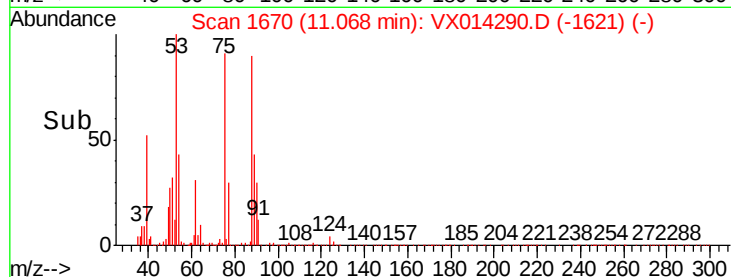
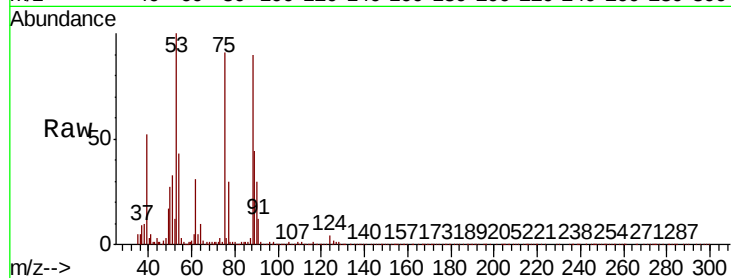
#81
trans-1,4-Dichloro-2-butene
Concen: 17.561 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.2	76.7	115.1
89	45.5	34.6	51.8

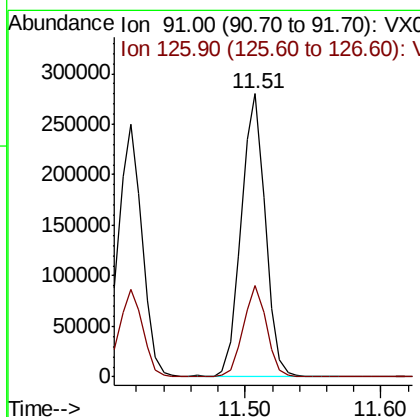
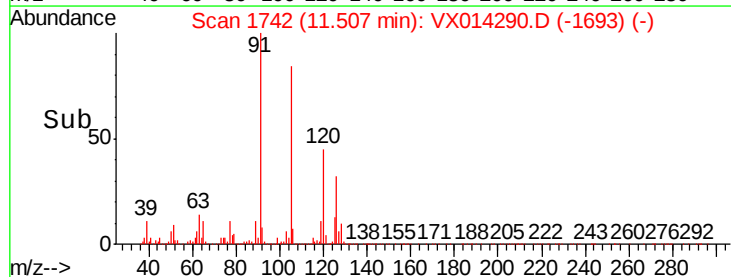
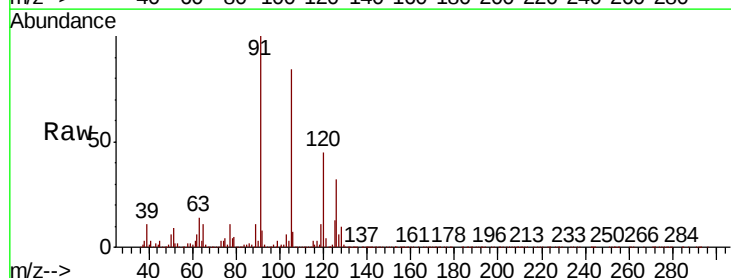
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#82
4-Chlorotoluene
Concen: 19.441 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.6	46.8





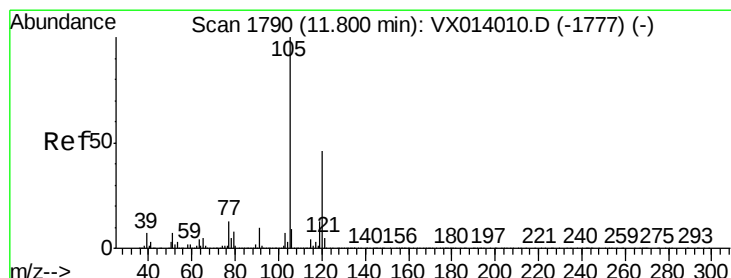
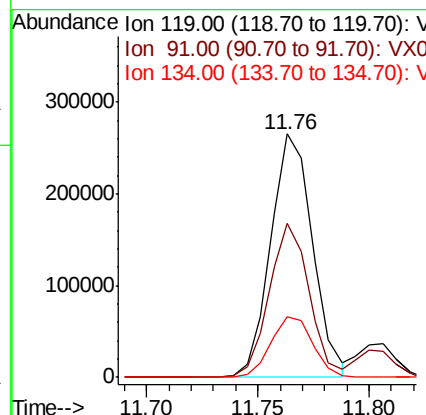
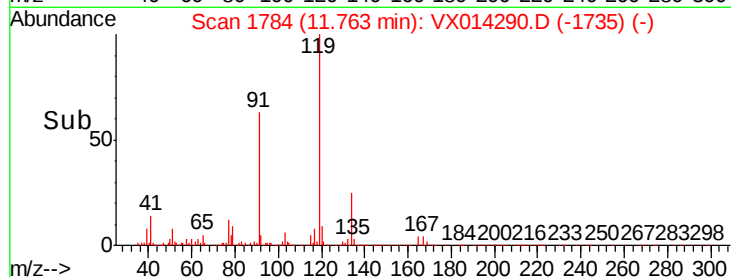
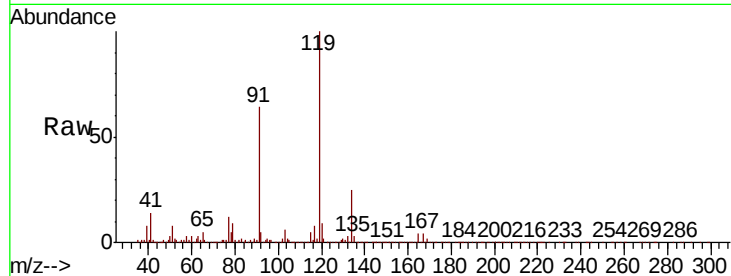
#83
tert-Butylbenzene
Concen: 18.851 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	346549		
91	60.4	28.5	85.6	
134	25.1	12.2	36.6	

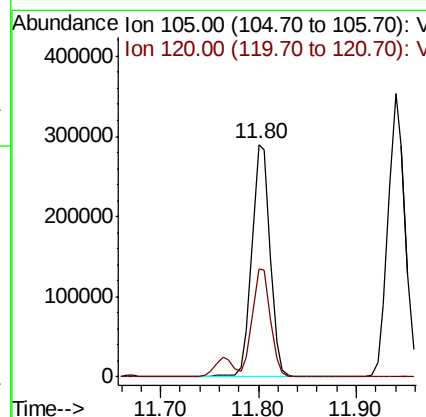
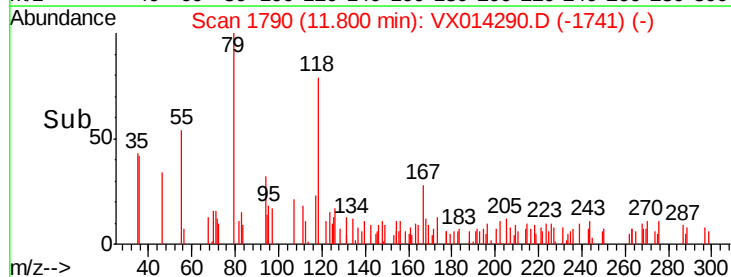
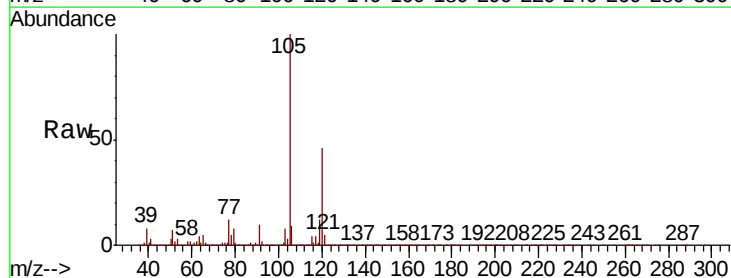
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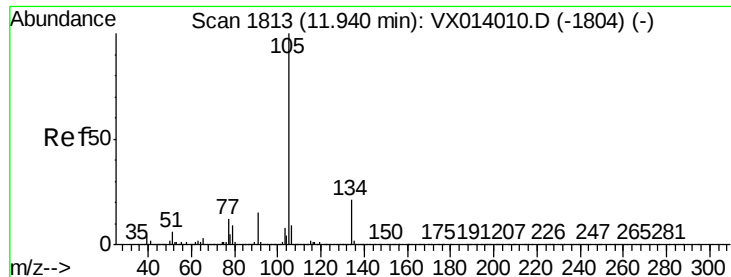
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#84
1,2,4-Trimethylbenzene
Concen: 19.892 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	376323		
120	45.8	23.1	69.2	





#85

sec-Butylbenzene

Concen: 19.506 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS02

Tot Ion:105 Resp: 423317

Ion Ratio Lower Upper

105 100

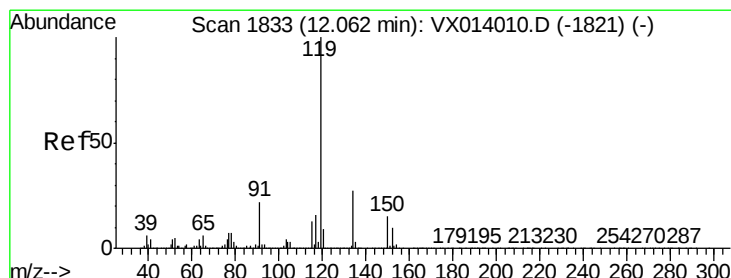
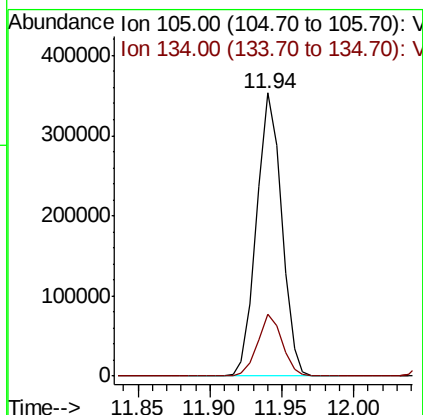
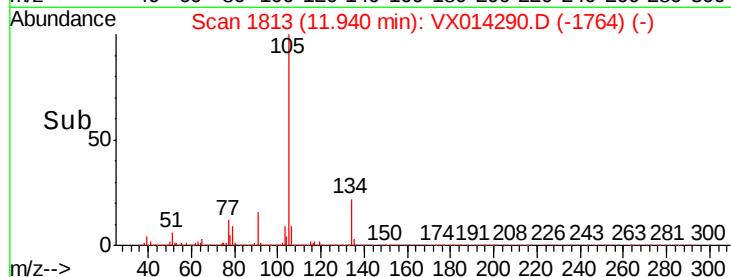
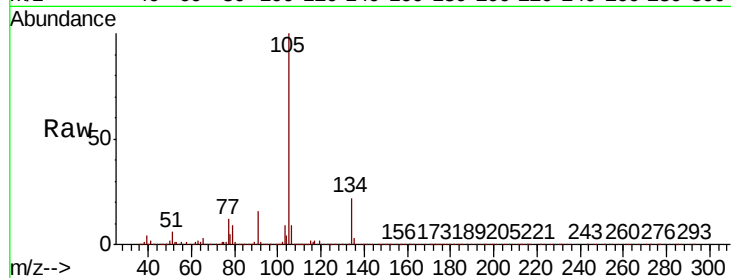
134 21.3 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.640 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014290.D

Acq: 27 Dec 2019 00:29

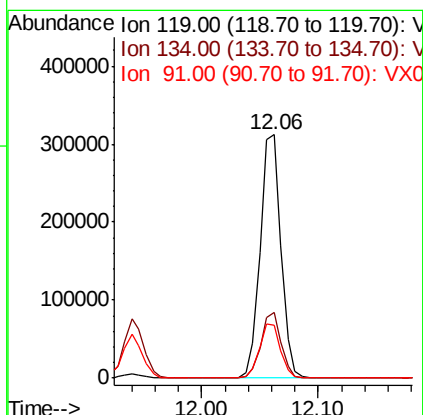
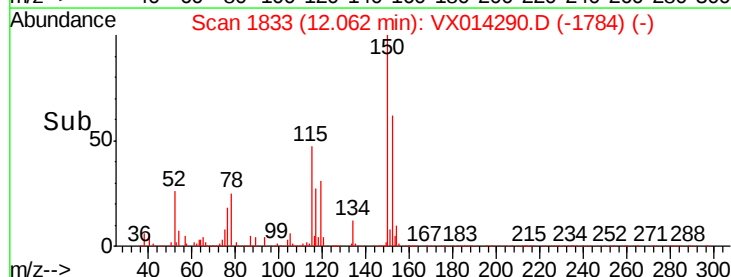
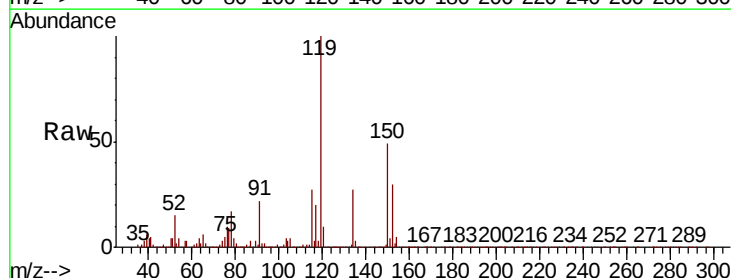
Tgt Ion:119 Resp: 389886

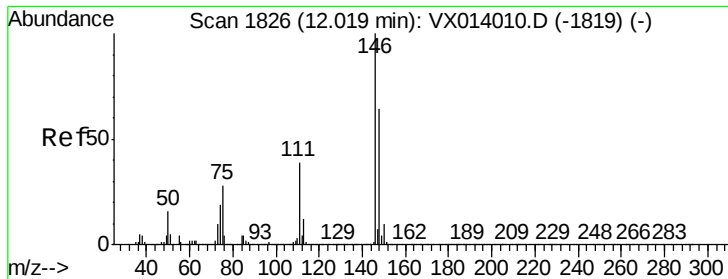
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 22.6 11.4 34.1





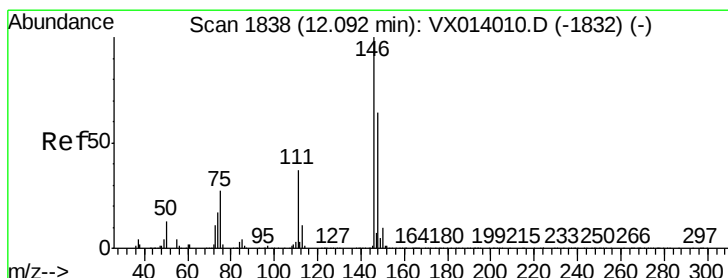
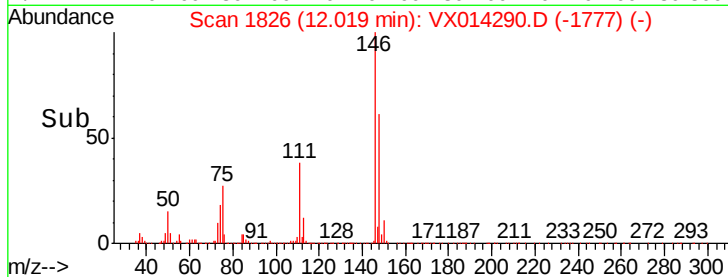
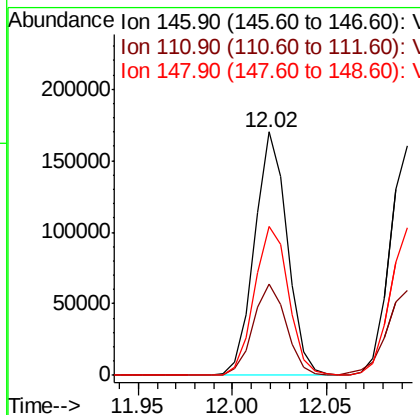
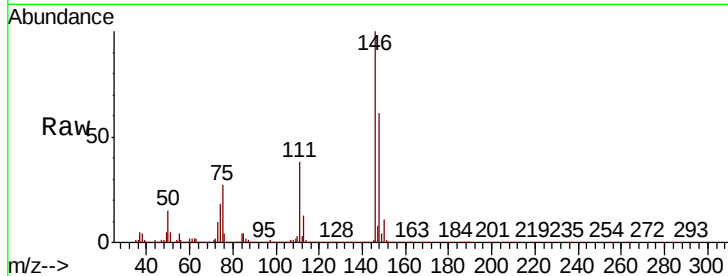
#87
 1,3-Dichlorobenzene
 Concen: 18.948 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	63.7	32.3	96.9

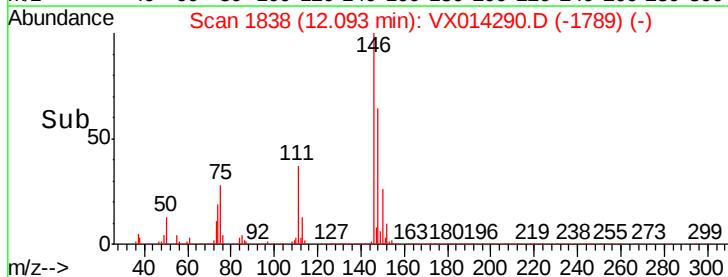
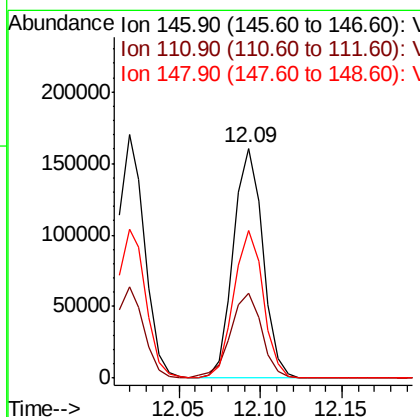
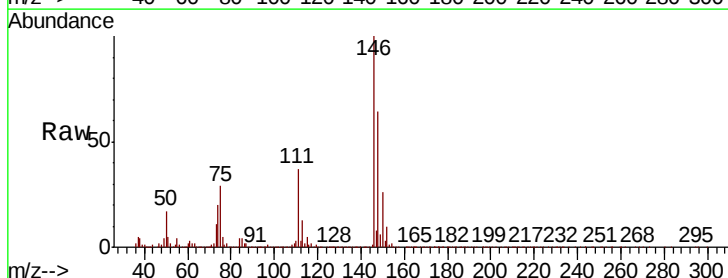
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#88
 1,4-Dichlorobenzene
 Concen: 18.314 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.7	56.1
148	64.1	31.9	95.9





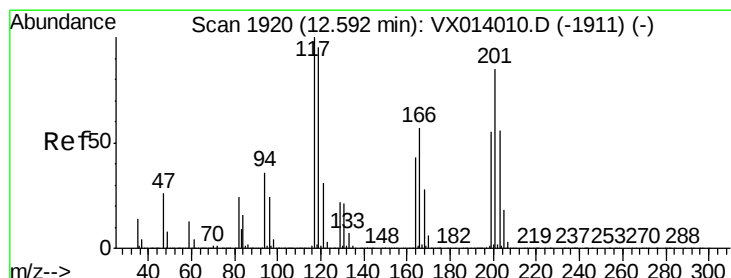
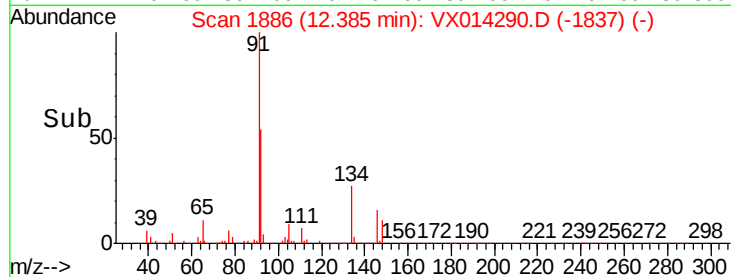
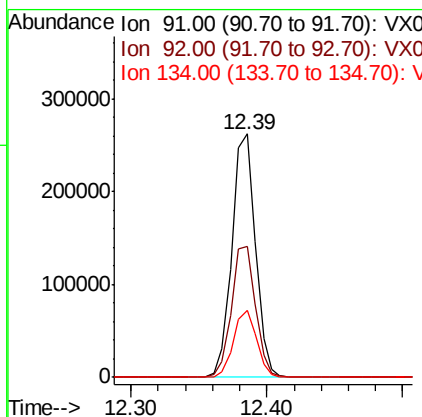
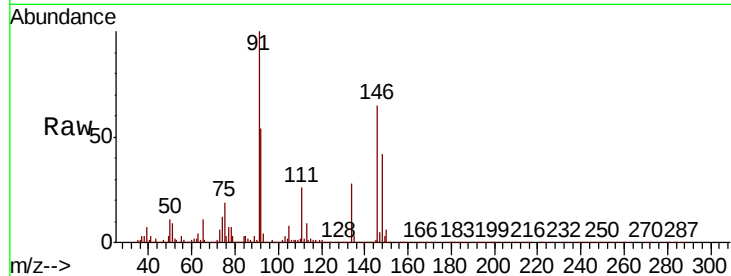
#89
n-Butylbenzene
Concen: 18.626 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	315513		
92	54.9	27.2	81.6	
134	27.3	13.4	40.1	

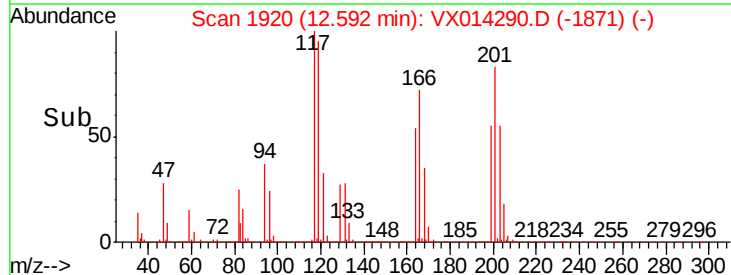
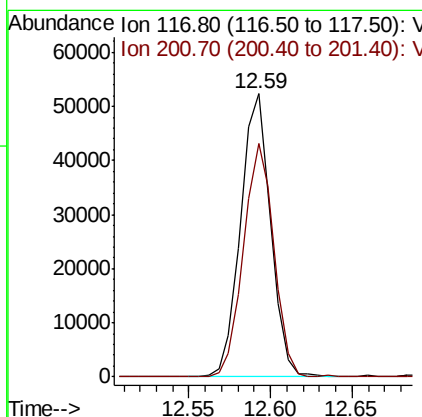
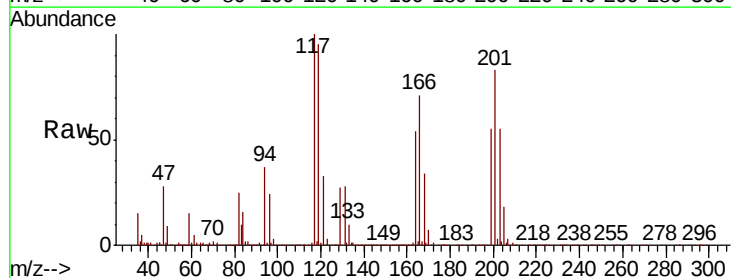
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#90
Hexachloroethane
Concen: 18.784 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	66978		
201	83.9	43.1	129.3	





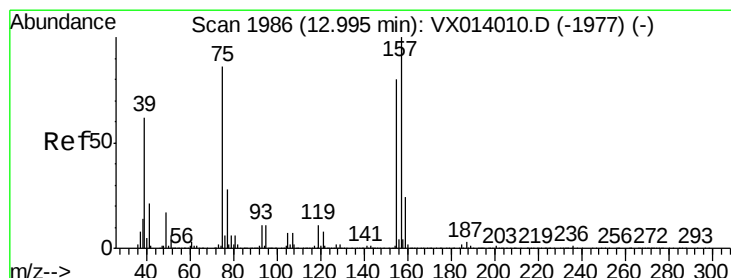
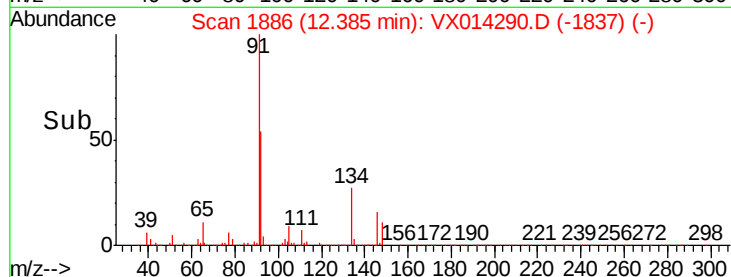
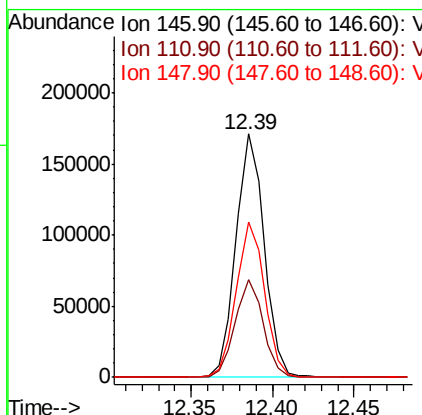
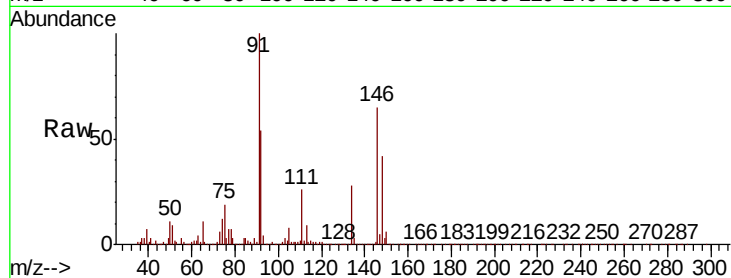
#91
 1,2-Dichlorobenzene
 Concen: 18.941 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.1
148	64.0	32.1	96.5

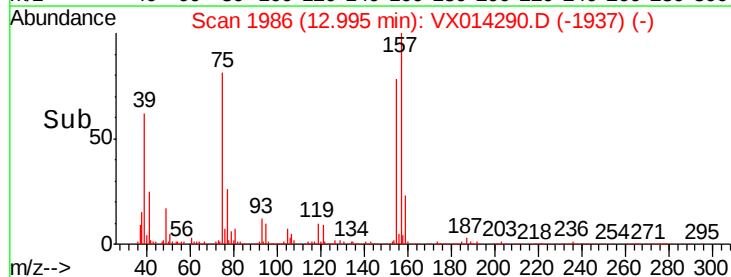
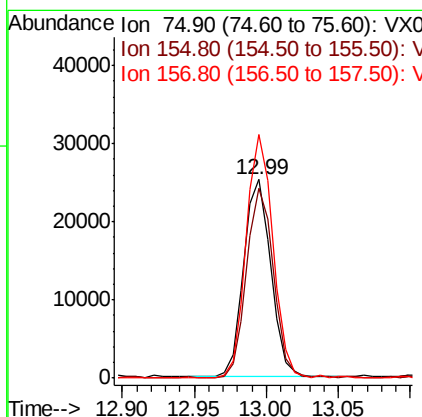
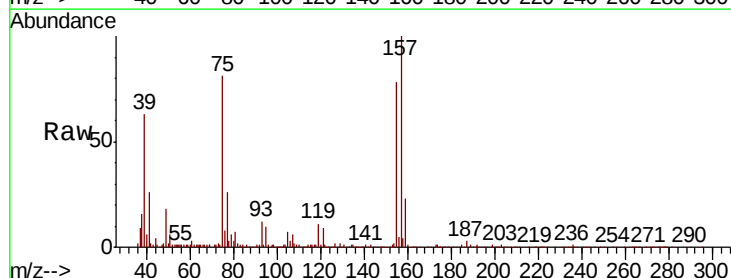
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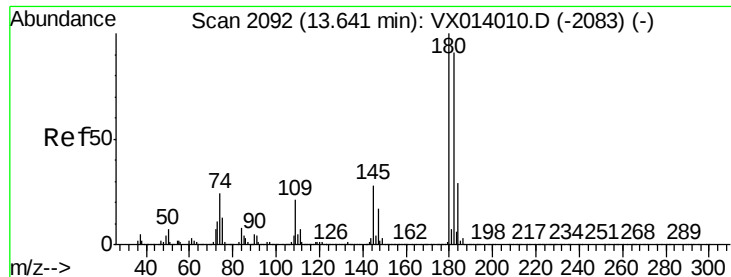
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.133 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014290.D
 Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.9	46.9	140.6
157	121.6	60.8	182.4





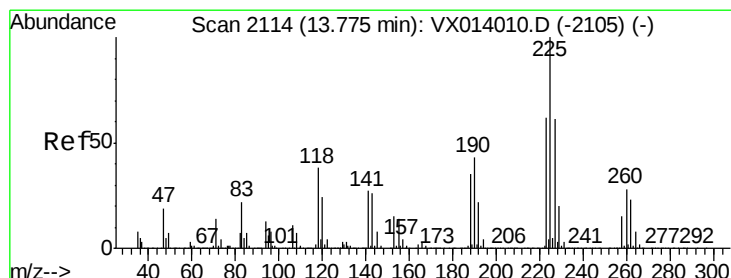
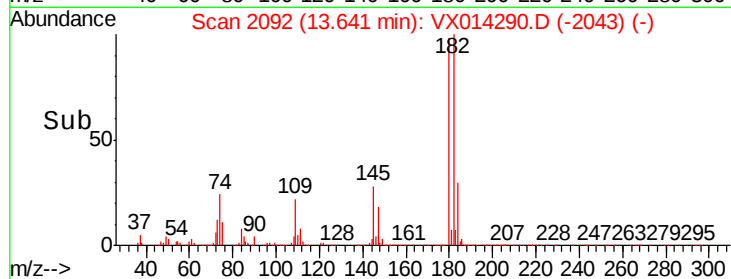
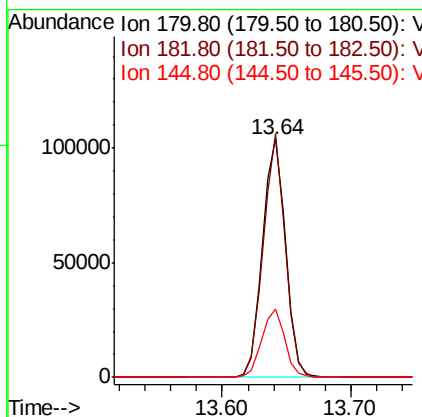
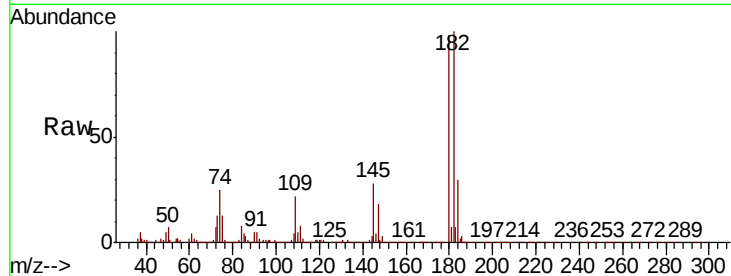
#93
1,2,4-Trichlorobenzene
Concen: 18.137 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	128438		
182	96.8	46.6	139.8	
145	28.8	14.2	42.6	

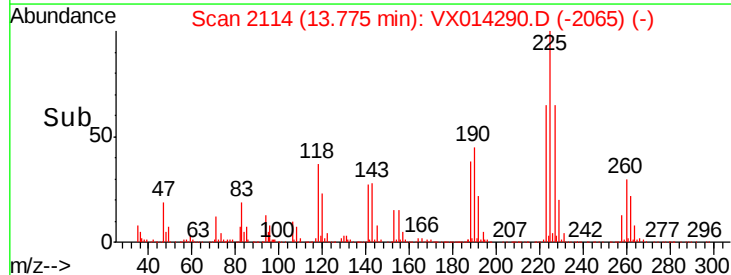
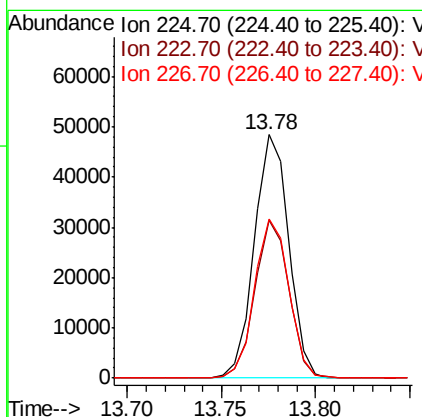
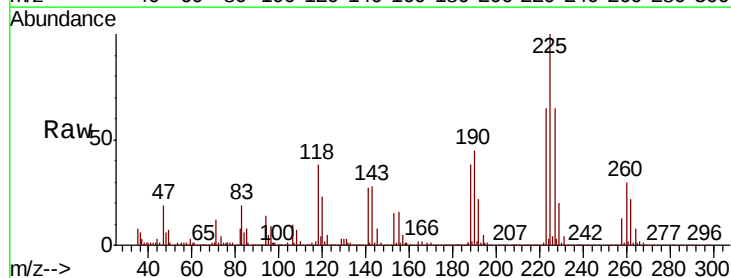
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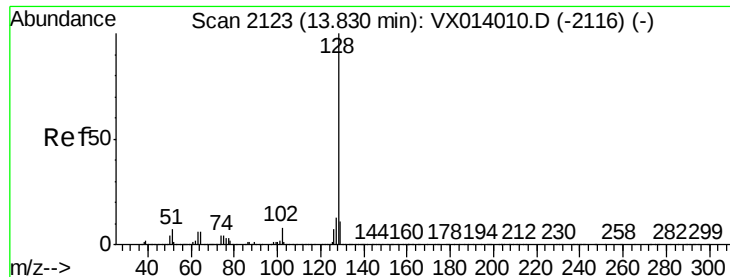
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#94
Hexachlorobutadiene
Concen: 18.000 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61261		
223	64.4	30.9	92.5	
227	65.5	30.9	92.7	





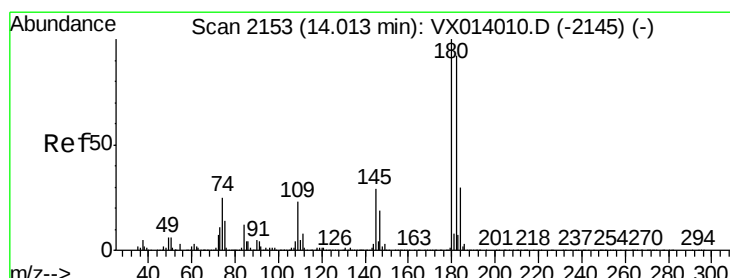
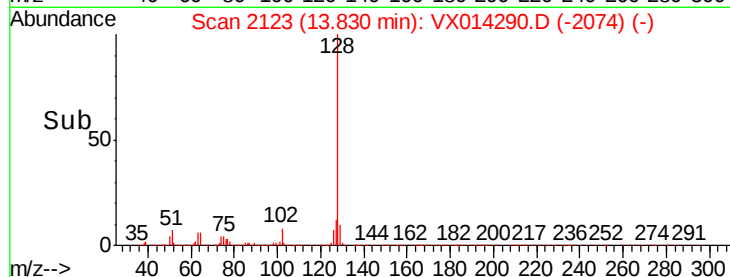
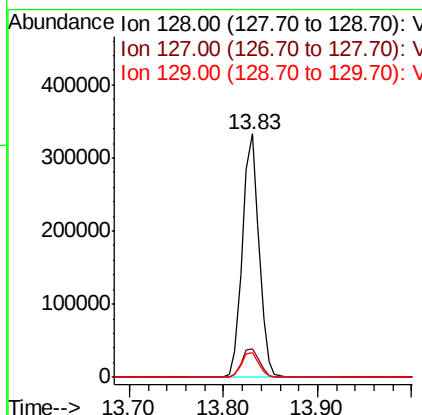
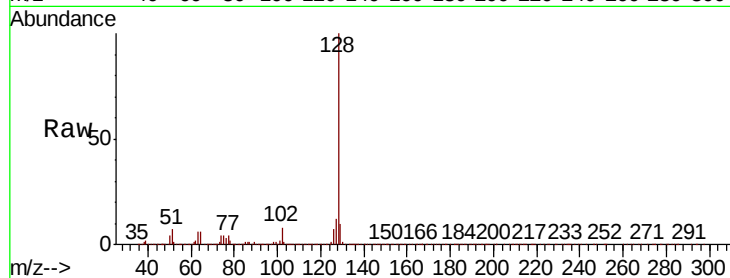
#95
Naphthalene
Concen: 19.724 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.7	8.7	13.1

Manual Integrations
APPROVED

apatel
12/27/2019 12:03:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.220 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014290.D
Acq: 27 Dec 2019 00:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.8	140.3
145	31.2	14.8	44.4

