

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121219\
 Data File : VX013993.D
 Acq On : 12 Dec 2019 23:44
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

apatel
 12/13/2019 11:25:43 AM

Quant Time: Dec 13 01:28:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:15:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	92602	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	513537	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	468231	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	194369	28.37	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.57%
60) 4-Bromofluorobenzene	11.13	95	226694	30.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.07%
63) Toluene-d8	8.71	98	627934	29.63	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.77%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	228936	35.172	ug/l 97
3) Chloromethane	1.32	50	321732	43.240	ug/l 94
4) Vinyl Chloride	1.40	62	332232	40.172	ug/l 100
5) Bromomethane	1.63	94	227415	43.463	ug/l 100
6) Chloroethane	1.71	64	209606	45.122	ug/l 99
7) Trichlorofluoromethane	1.92	101	414058	45.073	ug/l 98
8) Diethyl Ether	2.18	74	191278	45.525	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	245075	44.603	ug/l 98
10) 1,1-Dichloroethene	2.36	96	251884	44.463	ug/l 98
11) Methyl Iodide	2.50	142	351469	49.817	ug/l 100
12) Methyl Acetate	2.76	43	402545	41.315	ug/l 99
13) Acrolein	2.28	56	255321	238.044	ug/l 98
14) Acrylonitrile	3.13	53	794900	220.064	ug/l 100
15) Acetone	2.44	58	261205	247.150	ug/l 85
16) Carbon Disulfide	2.56	76	698212	44.480	ug/l 97
17) Allyl chloride	2.72	41	461870	44.421	ug/l 99
18) Methylene Chloride	2.85	84	301187	45.964	ug/l 96
19) trans-1,2-Dichloroethene	3.15	96	276732	45.450	ug/l 98
20) Diisopropyl ether	3.84	45	939183	46.241	ug/l 98
21) 1,1-Dichloroethane	3.69	63	503707	45.663	ug/l 100
22) cis-1,2-Dichloroethene	4.58	96	318746	45.712	ug/l 99
23) tert-Butyl Alcohol	3.04	59	311685	182.847	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	859794	45.592	ug/l 99
25) Chloroform	5.20	83	486703	45.222	ug/l 100
26) Cyclohexane	5.57	56	458505	45.739	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	376369	48.121	ug/l 99
30) 2-Butanone	4.66	43	1181566	236.939	ug/l 99
31) 2,2-Dichloropropane	4.58	77	346026	42.205	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	410443	47.550	ug/l 100
33) Carbon Tetrachloride	5.78	117	355127	47.603	ug/l 98
34) Benzene	6.14	78	1161094	48.838	ug/l 98
35) Methacrylonitrile	5.03	41	240847	47.173	ug/l 95
36) 1,2-Dichloroethane	6.18	62	396613	47.981	ug/l 98
37) Trichloroethene	7.20	130	312827	48.921	ug/l 97
38) Methylcyclohexane	7.46	83	458152	48.174	ug/l 99
39) 1,2-Dichloropropane	7.51	63	298363	48.440	ug/l 94
40) Dibromomethane	7.65	93	192120	47.272	ug/l 99

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Manual Integrations
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 12/13/2019 11:25:43 AM

Quant Time: Dec 13 01:28:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:15:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	373716	47.468	ug/l	98
42) Vinyl Acetate	3.80	43	3772898	232.200	ug/l	99
43) Ethyl Acetate	4.82	43	439436	47.568	ug/l	100
44) Isopropyl Acetate	6.43	43	709401	47.351	ug/l	99
45) 1,4-Dioxane	7.73	88	138091	846.459	ug/l	98
46) Methyl methacrylate	7.76	41	348192	46.663	ug/l	99
47) n-amyl Acetate	10.89	43	643294	48.627	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	412007	46.782	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	465316	48.042	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	294168	48.638	ug/l	99
51) Ethyl methacrylate	9.17	69	479419	48.281	ug/l	98
52) 1,3-Dichloropropane	9.37	76	501911	48.502	ug/l	99
53) Dibromochloromethane	9.58	129	305508	48.206	ug/l	98
54) 1,2-Dibromoethane	9.67	107	309210	48.277	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	1071131	252.075	ug/l	100
56) Bromoform	10.85	173	234580	46.687	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	2258214	234.715	ug/l	99
59) 2-Hexanone	9.49	43	1765978	234.524	ug/l	99
61) Tetrachloroethene	9.33	164	358841	61.202	ug/l	98
62) Toluene	8.78	91	1248002	48.079	ug/l	99
64) Chlorobenzene	10.14	112	779531	47.780	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	286787	47.302	ug/l	99
66) Ethyl Benzene	10.24	91	1380590	48.357	ug/l	99
67) m/p-Xylenes	10.35	106	1057940	95.973	ug/l	99
68) o-Xylene	10.70	106	515172	48.179	ug/l	99
69) Styrene	10.71	104	890624	49.082	ug/l	99
70) Isopropylbenzene	11.01	105	1350862	48.287	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	459606	45.924	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	427926m	49.395	ug/l	
73) Bromobenzene	11.25	156	357440	48.278	ug/l	99
74) n-propylbenzene	11.35	91	1545645	48.615	ug/l	98
75) 2-Chlorotoluene	11.42	91	912217	48.040	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	1138692	48.317	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	149195	45.111	ug/l	88
78) 4-Chlorotoluene	11.51	91	1051008	48.283	ug/l	98
79) tert-butylbenzene	11.76	119	1038982	44.066	ug/l	96
80) 1,2,4-Trimethylbenzene	11.81	105	1143828	48.611	ug/l	99
81) sec-Butylbenzene	11.94	105	1313313	48.439	ug/l	99
82) p-Isopropyltoluene	12.06	119	1196816	48.165	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	621814	47.830	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	613838	47.505	ug/l	100
85) n-Butylbenzene	12.38	91	1013131	47.562	ug/l	99
86) Hexachloroethane	12.59	117	211971	46.734	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	632417	48.682	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	97801	44.282	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	412790	46.813	ug/l	100
90) Hexachlorobutadiene	13.77	225	194468	45.820	ug/l	99
91) Naphthalene	13.83	128	1272538	46.058	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	418269	47.039	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDICC050

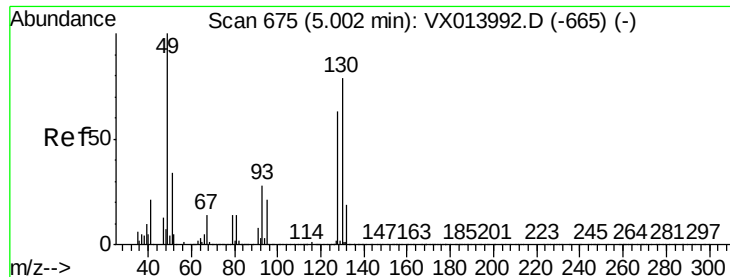
Manual Integrations
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12/13/2019 11:25:43 AM

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QLast Update : Fri Dec 13 01:15:47 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

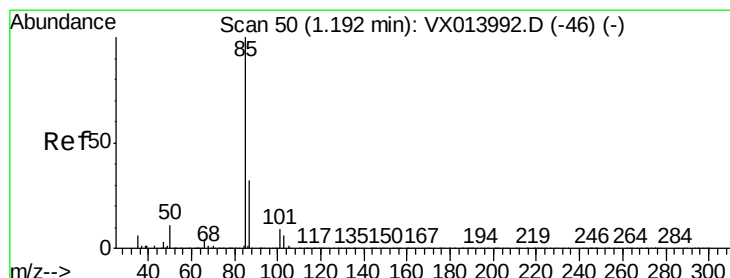
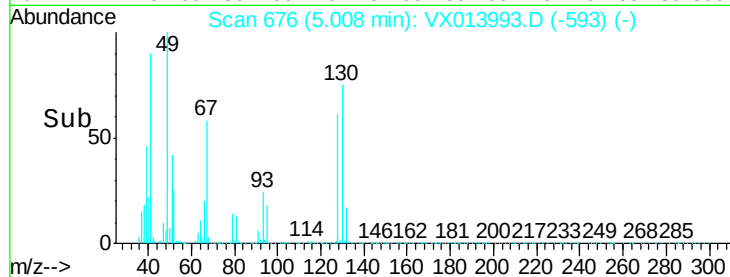
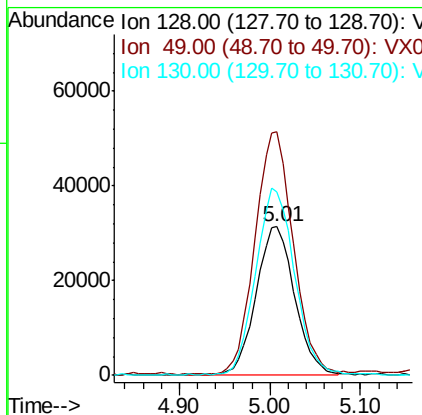
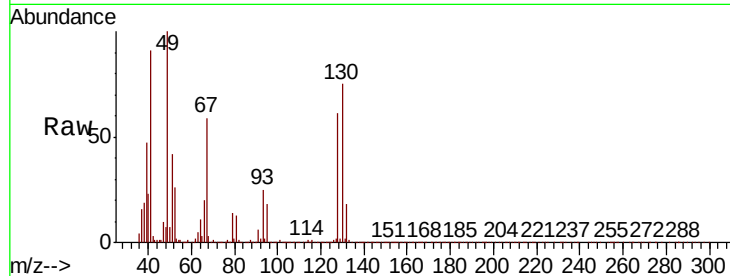
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX013993.D
 Acq: 12 Dec 2019 23:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
49	161.9	0.0	405.0
130	126.1	0.0	321.5

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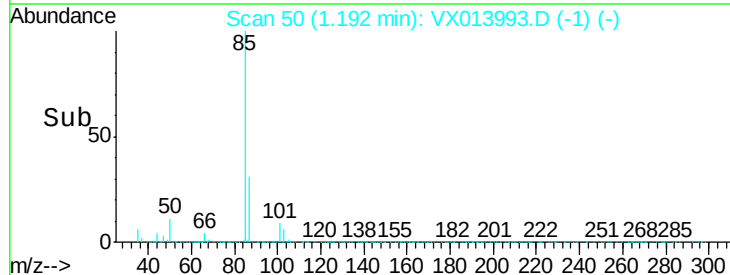
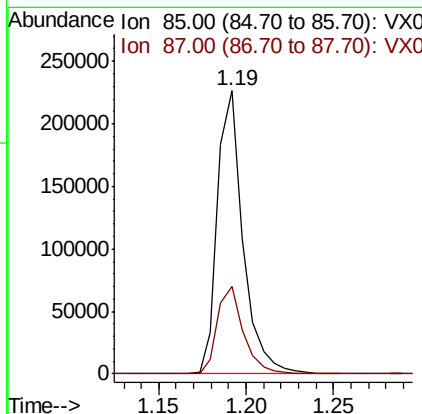
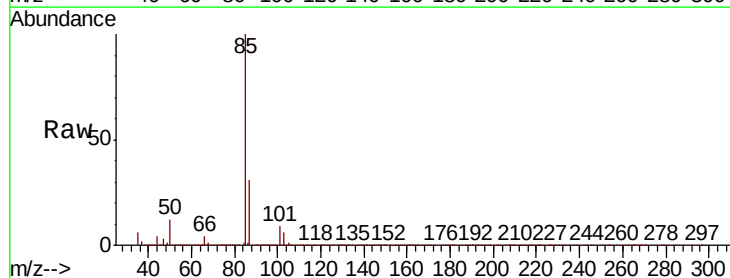
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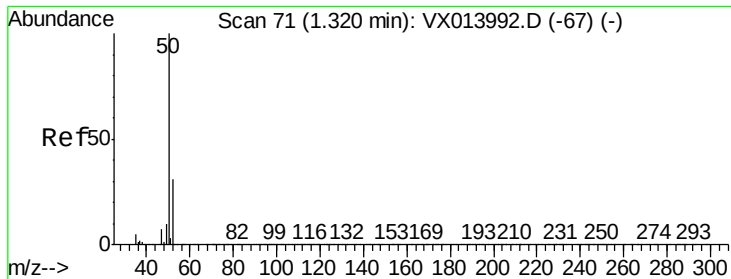


#2

Dichlorodifluoromethane
 Concen: 35.172 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX013993.D
 Acq: 12 Dec 2019 23:44

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.0	16.3	48.9





#3

Chloromethane

Concen: 43.240 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 50 Resp: 321732

Ion Ratio Lower Upper

50 100

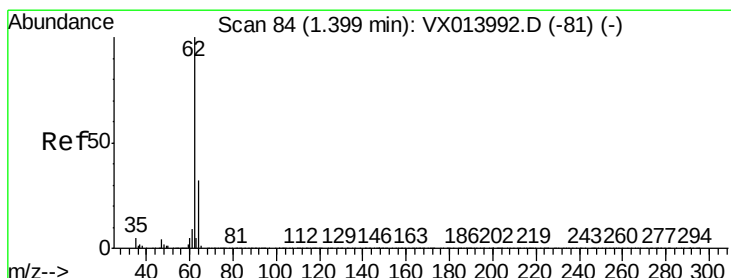
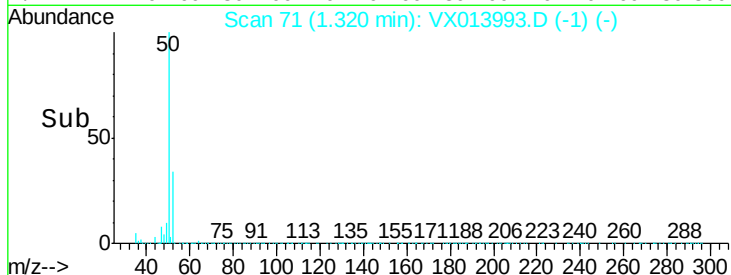
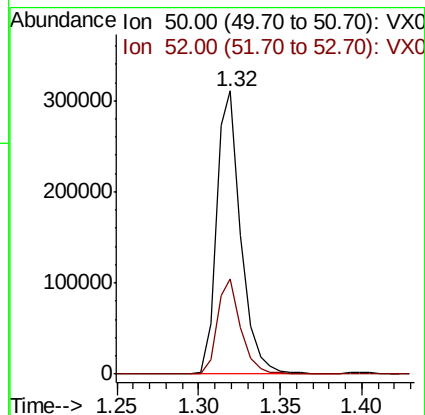
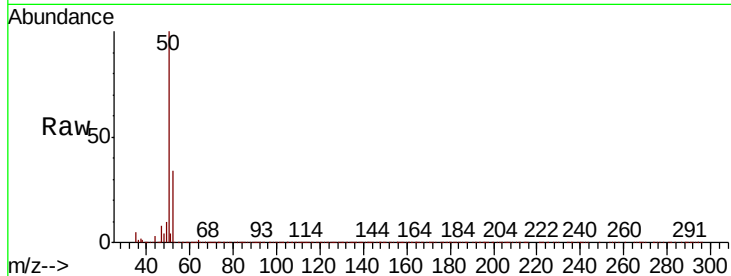
52 33.4 24.3 36.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 40.172 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013993.D

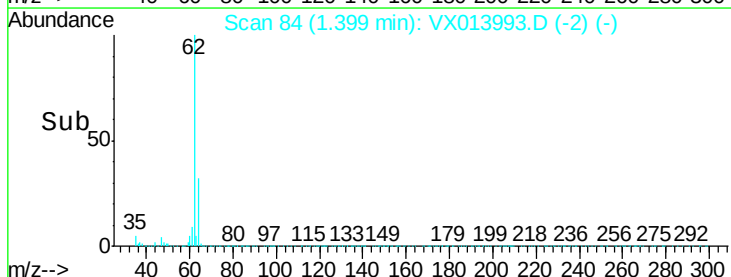
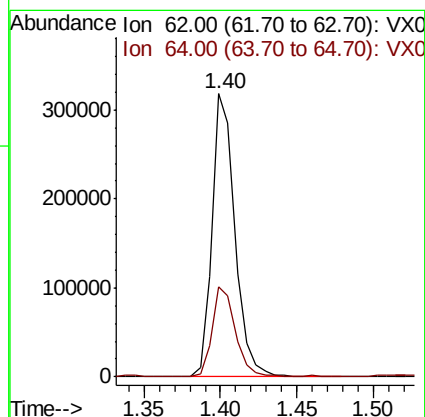
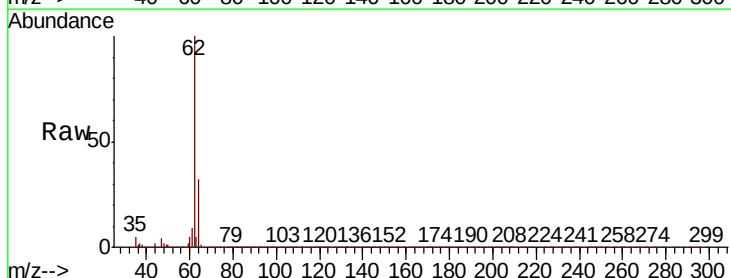
Acq: 12 Dec 2019 23:44

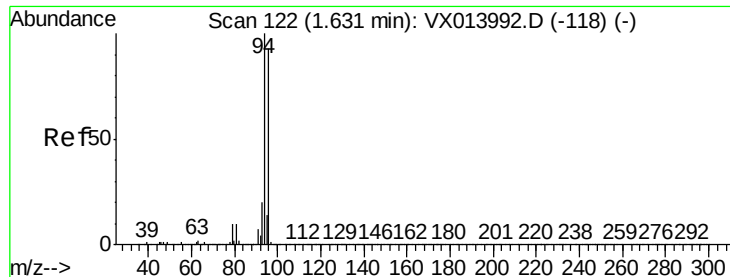
Tgt Ion: 62 Resp: 332232

Ion Ratio Lower Upper

62 100

64 31.7 25.2 37.8





#5

Bromomethane

Concen: 43.463 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 94 Resp: 227415

Ion Ratio Lower Upper

94 100

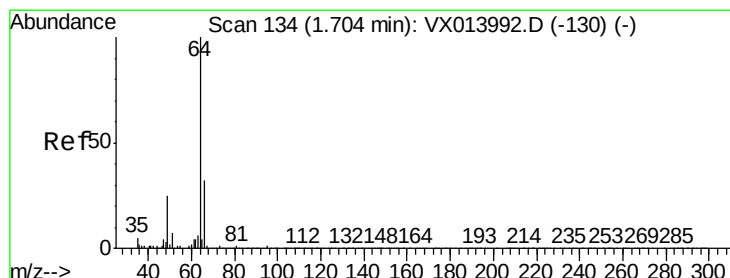
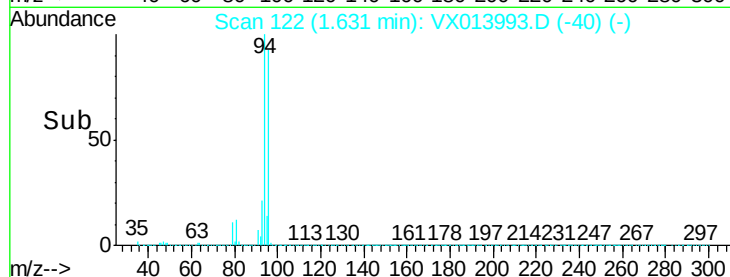
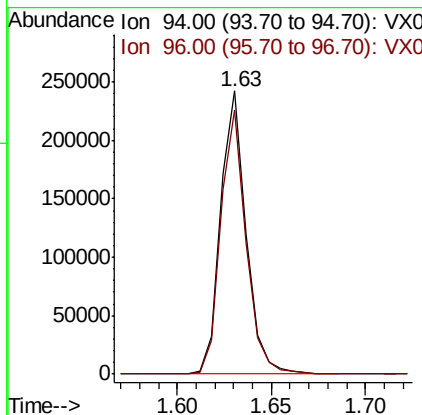
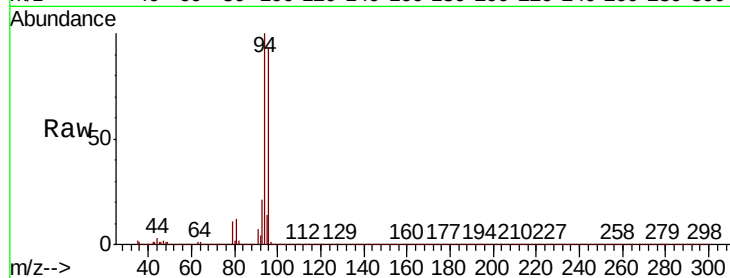
96 93.4 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 45.122 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013993.D

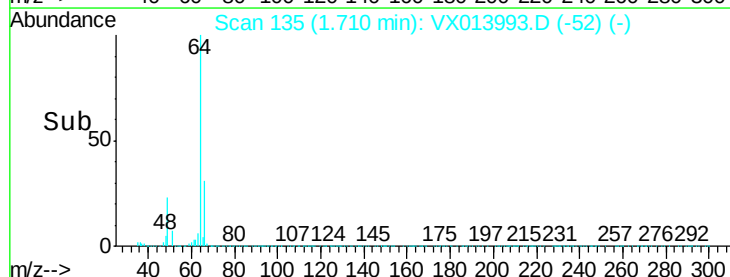
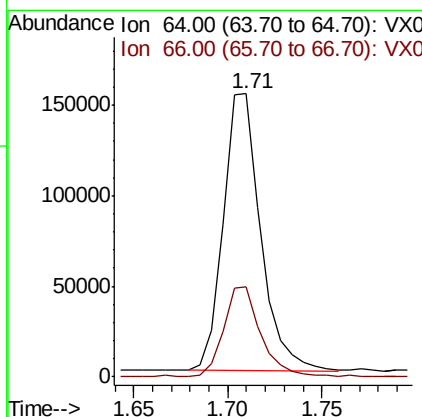
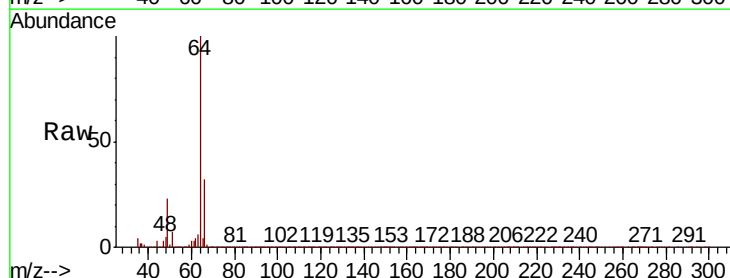
Acq: 12 Dec 2019 23:44

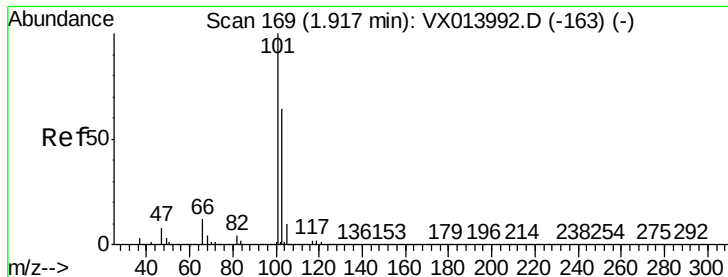
Tgt Ion: 64 Resp: 209606

Ion Ratio Lower Upper

64 100

66 32.3 25.2 37.8





#7

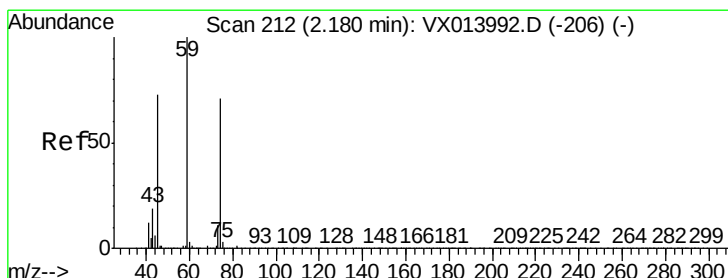
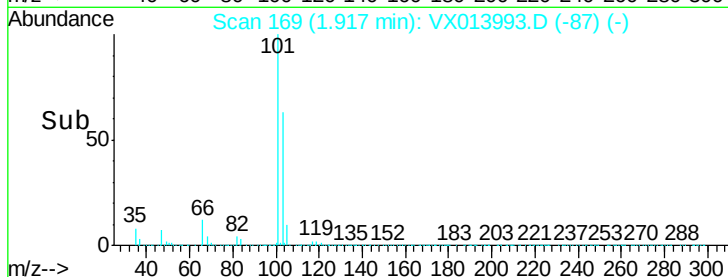
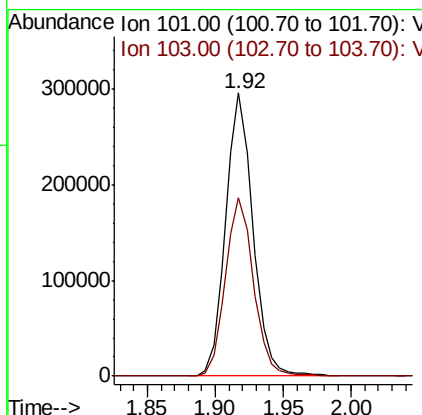
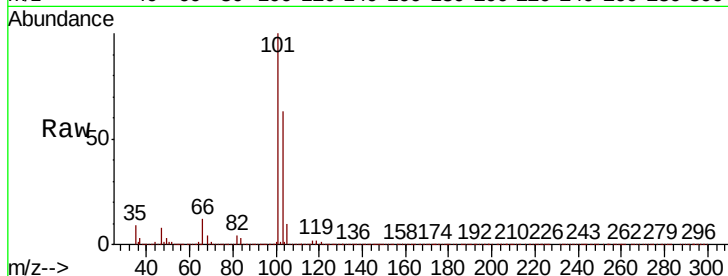
Trichlorofluoromethane
Concen: 45.073 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	51.6	77.4

Manual Integrations
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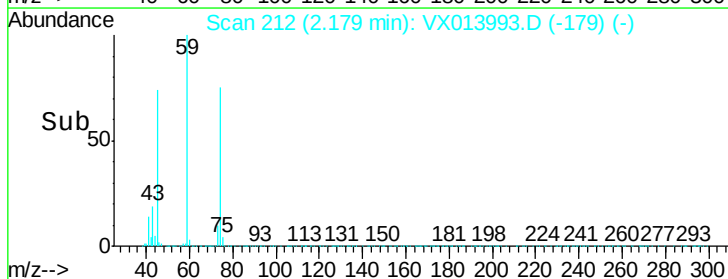
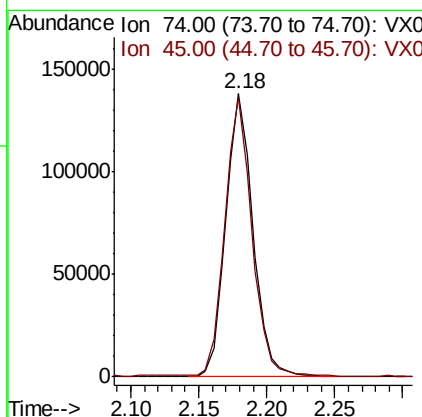
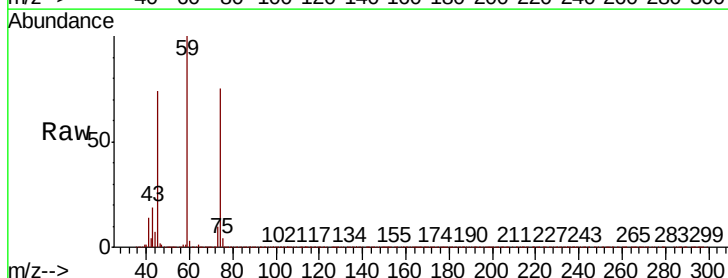
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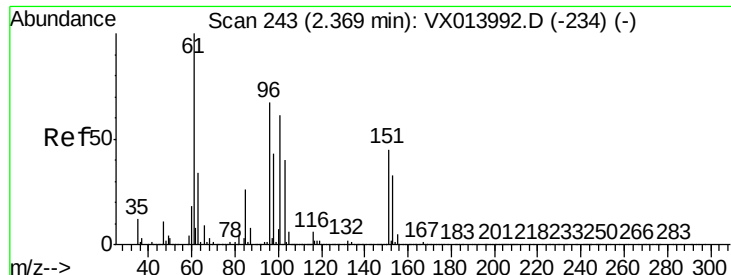


#8

Diethyl Ether
Concen: 45.525 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.603 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

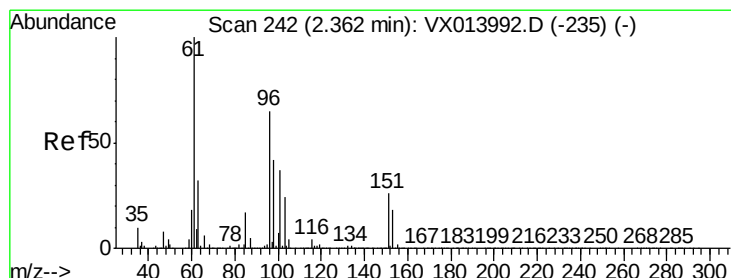
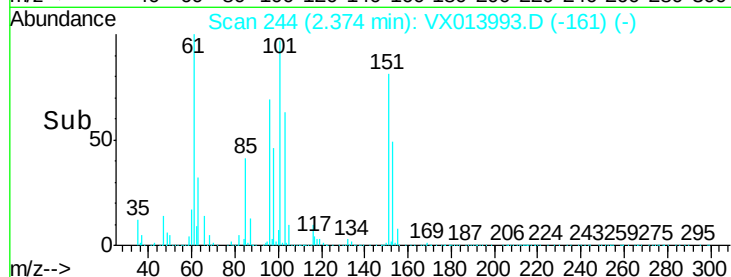
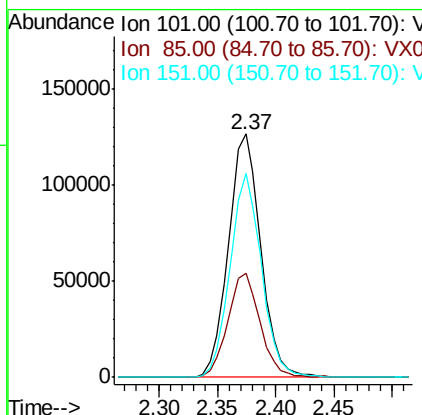
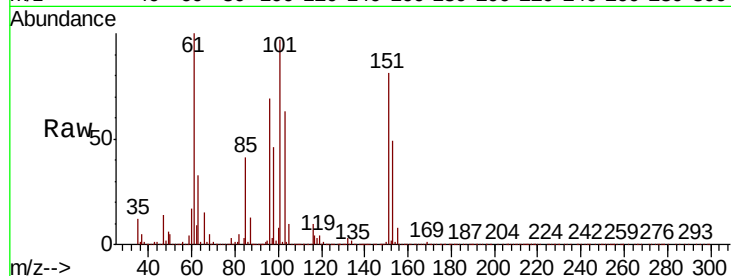
ClientSampleId :

VSTDIC050

Tot Ion:	101	Resp:	245075
Ion Ratio	Lower	Upper	
101	100		
85	42.2	0.0	85.6
151	81.5	0.0	159.4

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#10

1,1-Dichloroethene

Concen: 44.463 ug/l

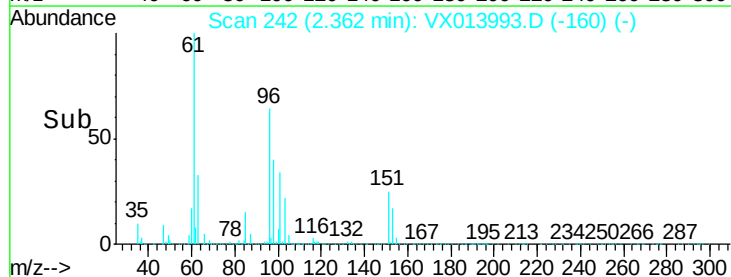
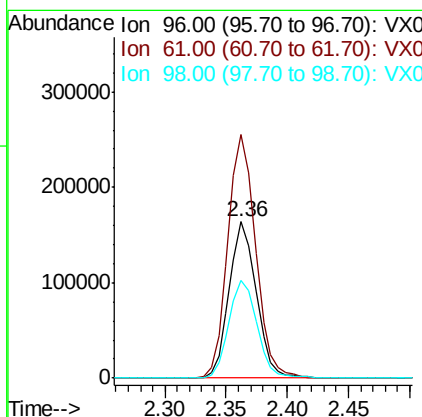
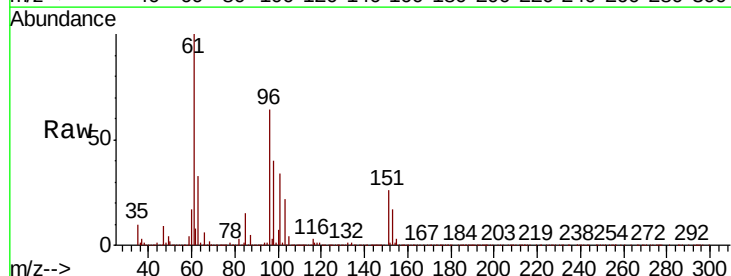
RT: 2.36 min Scan# 242

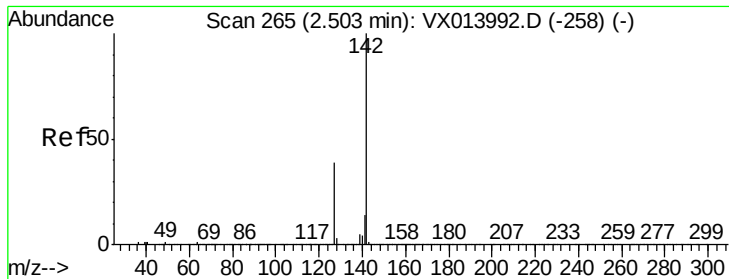
Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Tgt Ion:	96	Resp:	251884
Ion Ratio	Lower	Upper	
96	100		
61	155.9	123.0	184.6
98	62.4	51.4	77.0





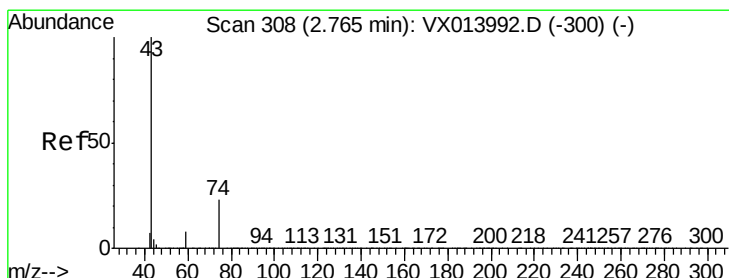
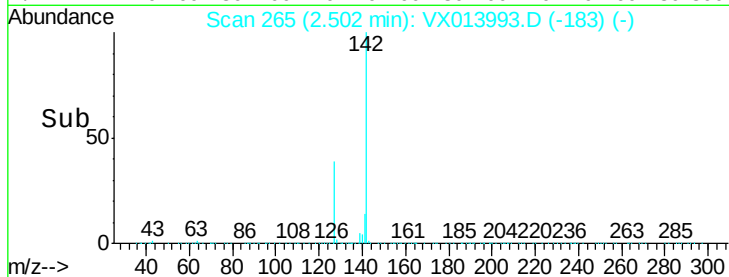
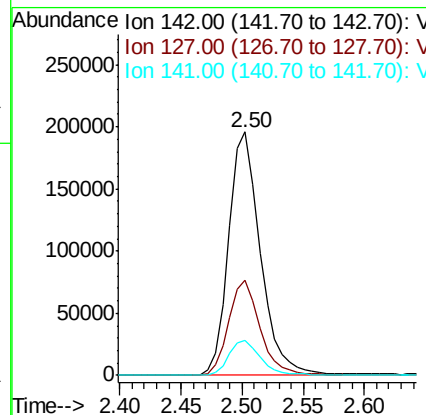
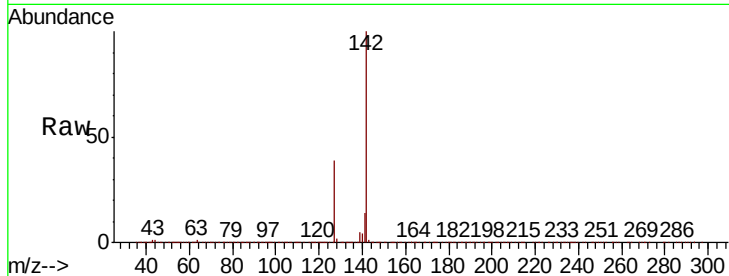
#11
Methvl Iodide
Concen: 49.817 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.8	19.5	58.5
141	14.2	7.0	20.9

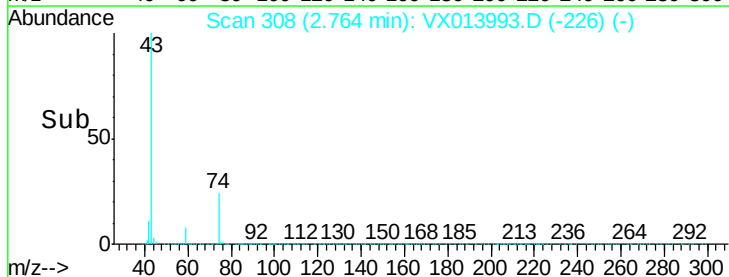
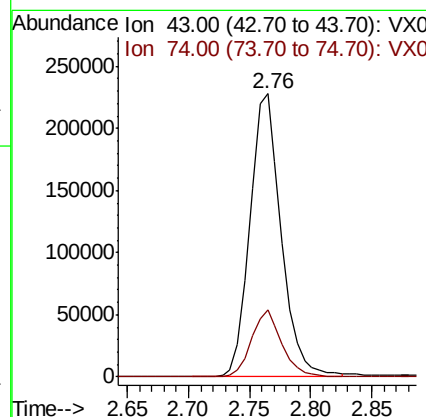
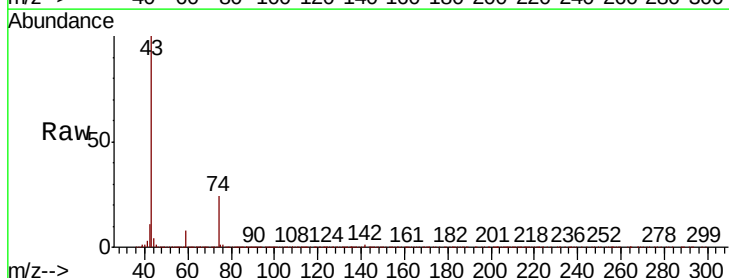
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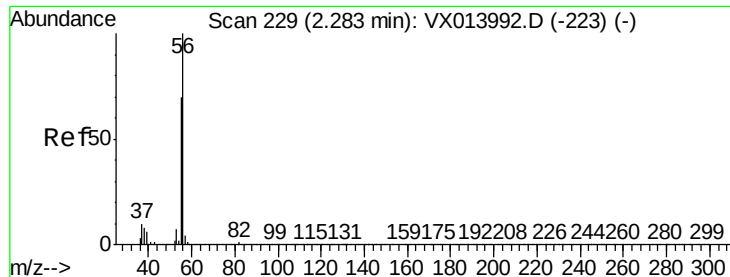
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#12
Methyl Acetate
Concen: 41.315 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	18.5	27.7





#13

Acrolein

Concen: 238.044 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 56 Resp: 255321

Ion Ratio Lower Upper

56 100

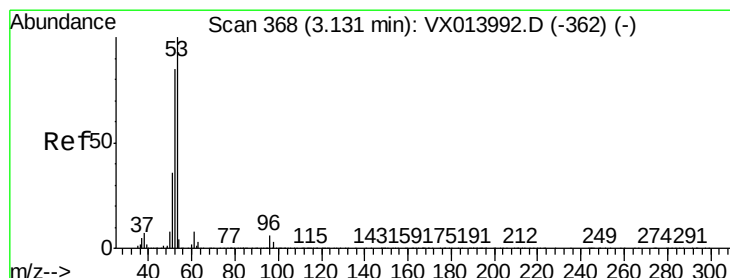
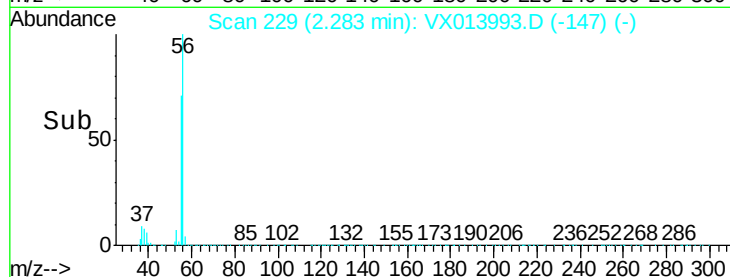
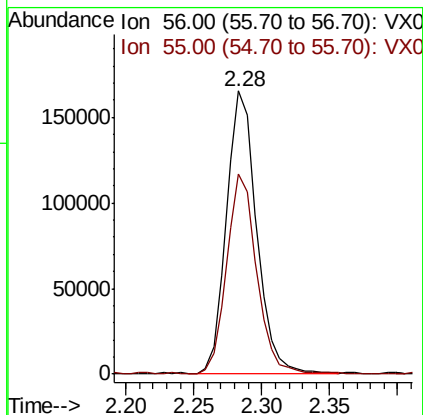
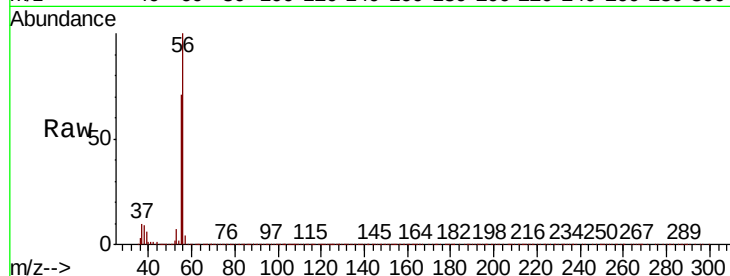
55 70.2 54.9 82.3

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#14

Acrylonitrile

Concen: 220.064 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

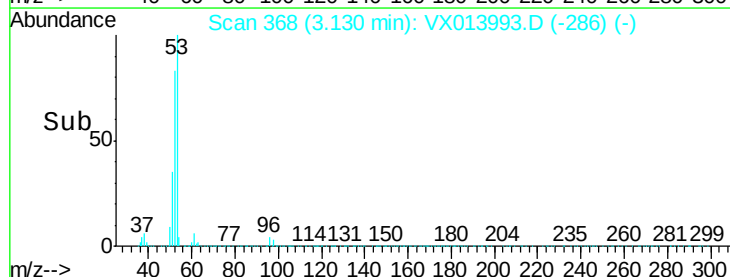
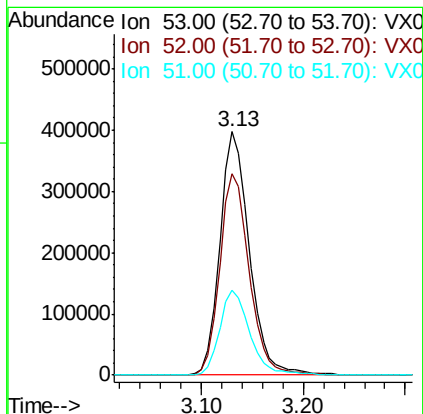
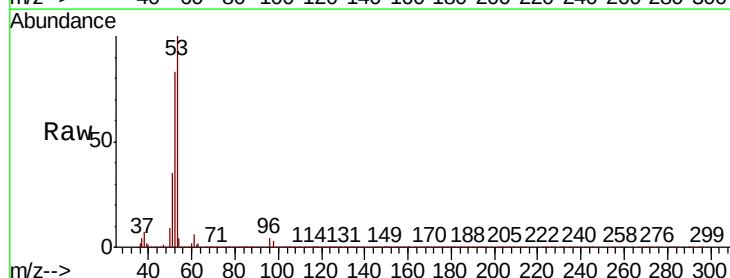
Tgt Ion: 53 Resp: 794900

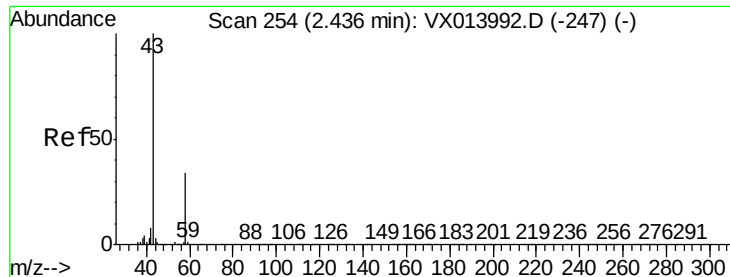
Ion Ratio Lower Upper

53 100

52 83.0 41.5 124.6

51 35.8 17.8 53.5





#15

Acetone

Concen: 247.150 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 58 Resp: 261205

Ion Ratio Lower Upper

58 100

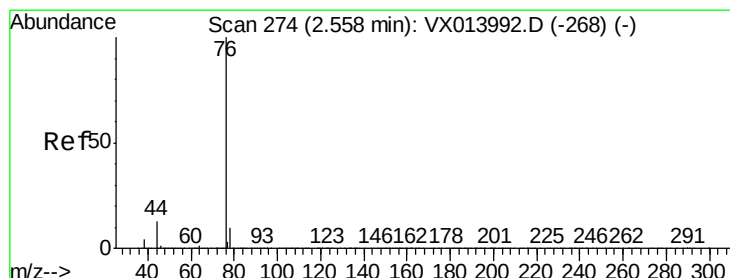
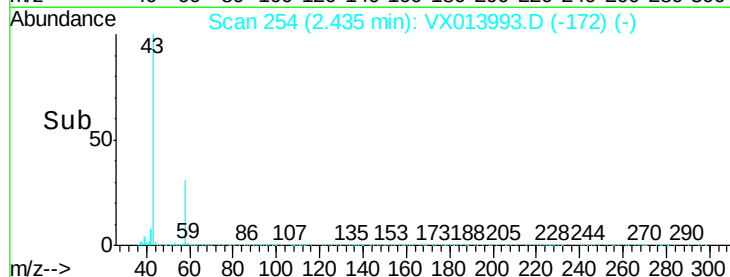
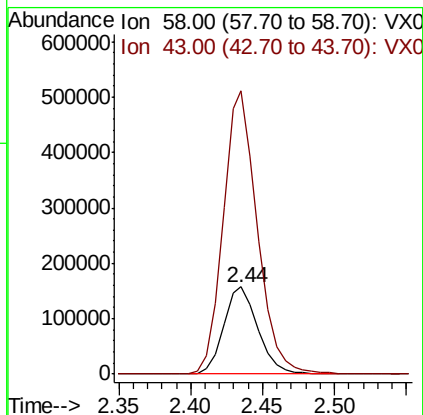
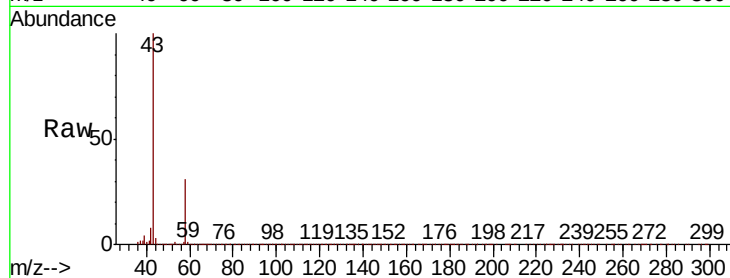
43 324.2 236.3 354.5

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#16

Carbon Disulfide

Concen: 44.480 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013993.D

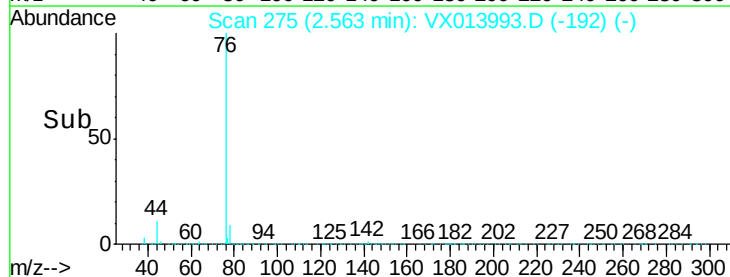
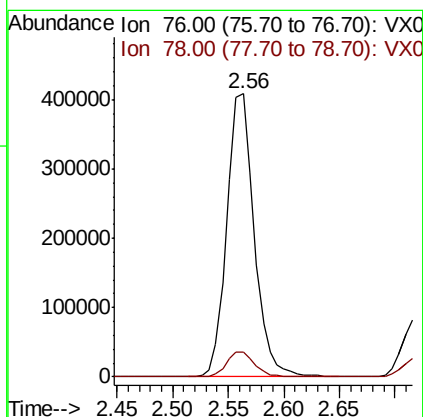
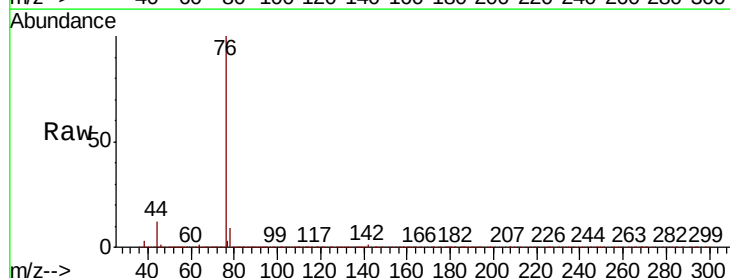
Acq: 12 Dec 2019 23:44

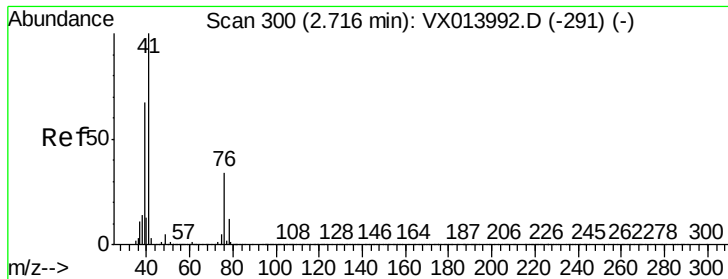
Tgt Ion: 76 Resp: 698212

Ion Ratio Lower Upper

76 100

78 8.6 7.8 11.8





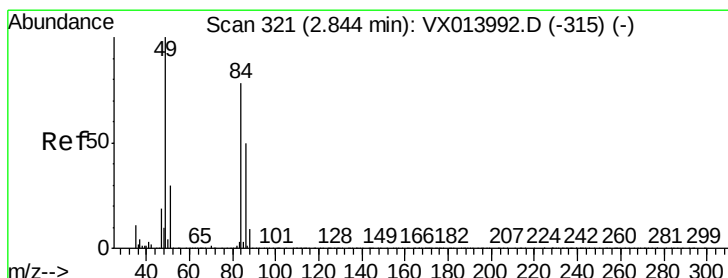
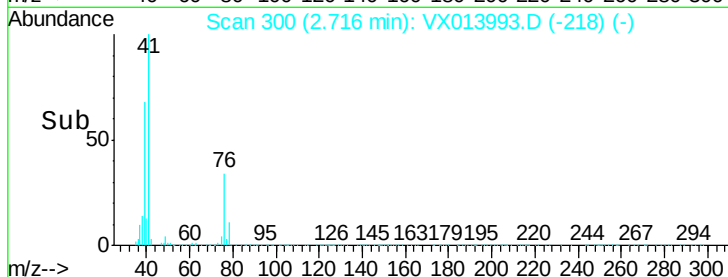
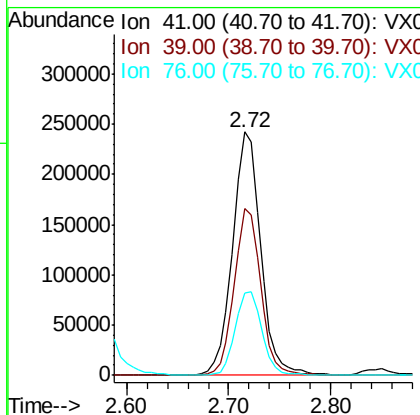
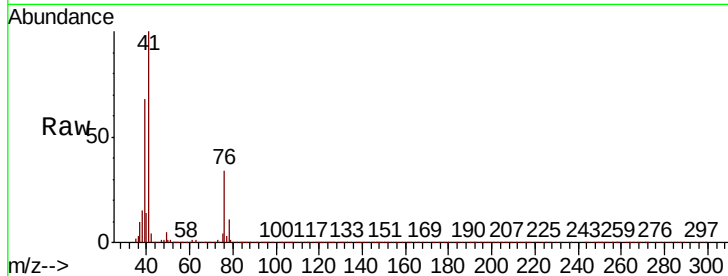
#17
Allvl chloride
Concen: 44.421 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	68.1	33.4	100.2
76	33.9	17.0	50.9

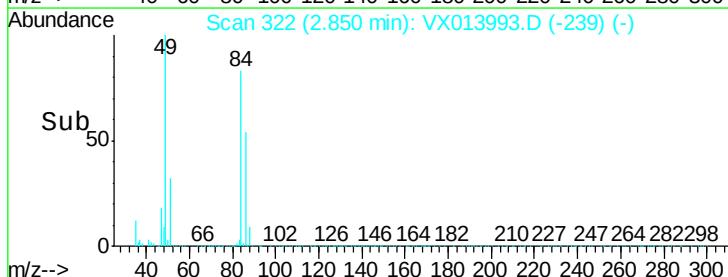
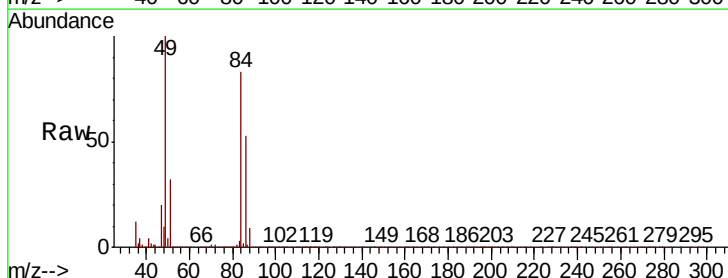
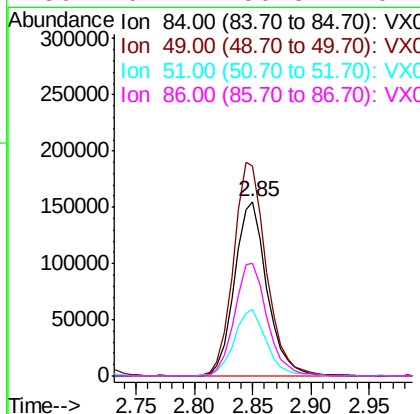
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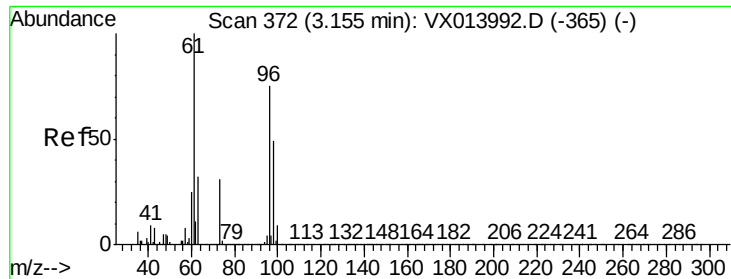
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#18
Methylene Chloride
Concen: 45.964 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.3	102.2	153.2
51	38.3	31.4	47.0
86	64.2	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 45.450 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

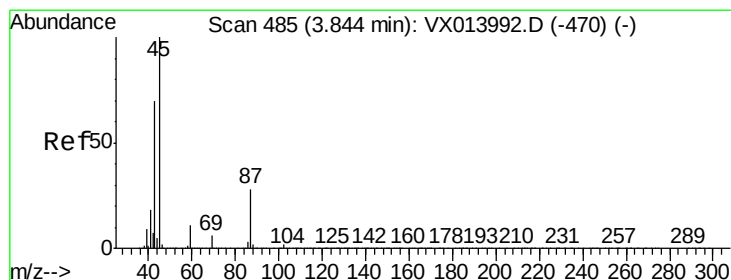
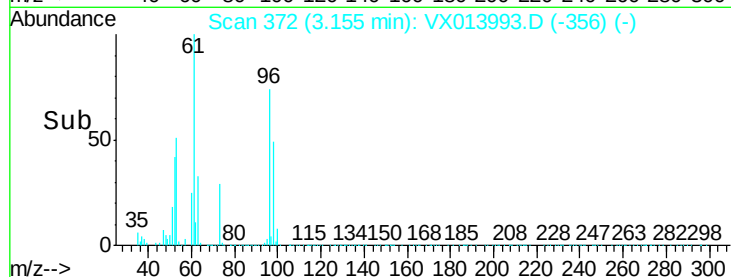
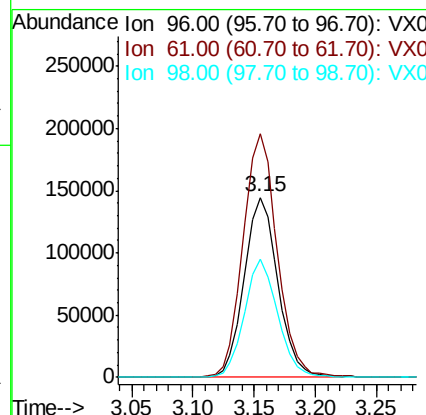
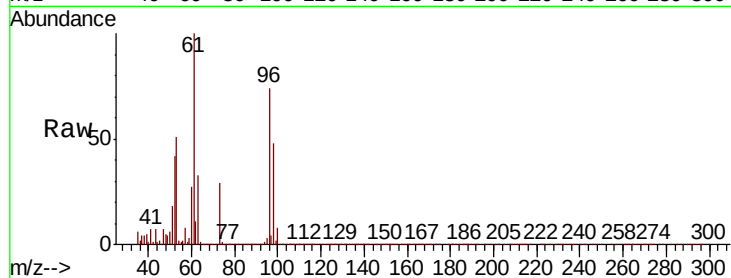
ClientSampleId :

VSTDIC050

Tot Ion:	96	Resp:	276732
Ion	Ratio	Lower	Upper
96	100		
61	135.3	106.6	159.8
98	65.6	51.6	77.4

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#20

Diisopropyl ether

Concen: 46.241 ug/l

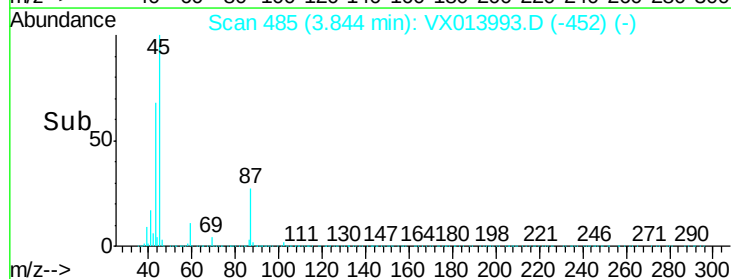
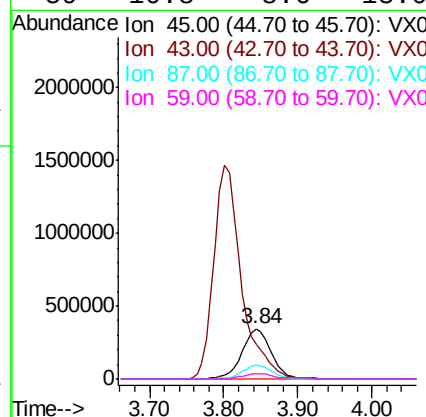
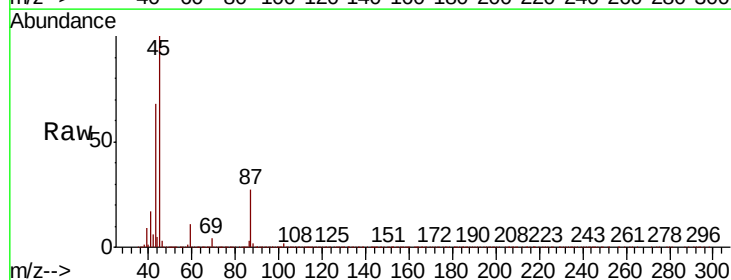
RT: 3.84 min Scan# 485

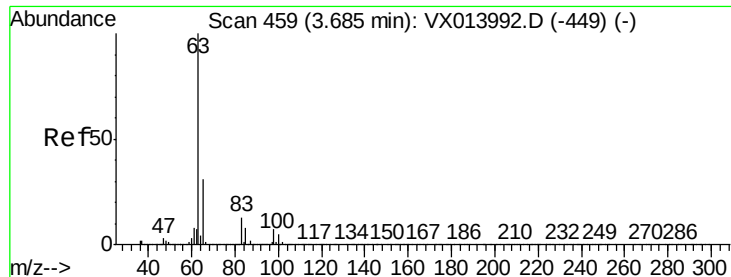
Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Tgt Ion:	45	Resp:	939183
Ion	Ratio	Lower	Upper
45	100		
43	67.3	55.9	83.9
87	26.9	22.2	33.2
59	10.8	8.6	13.0





#21

1,1-Dichloroethane

Concen: 45.663 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

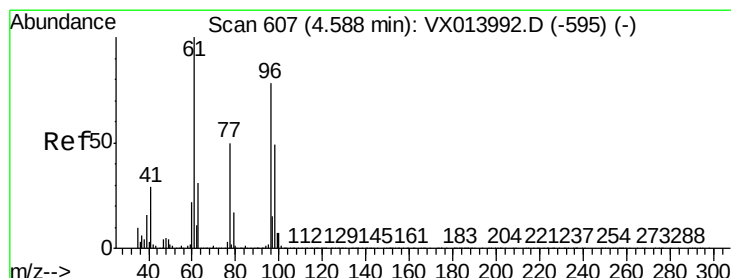
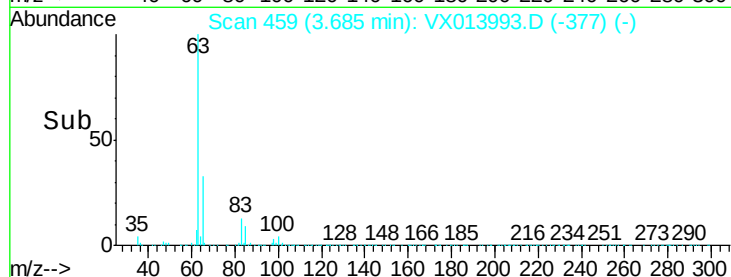
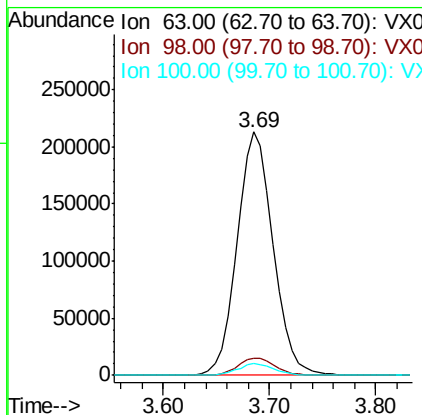
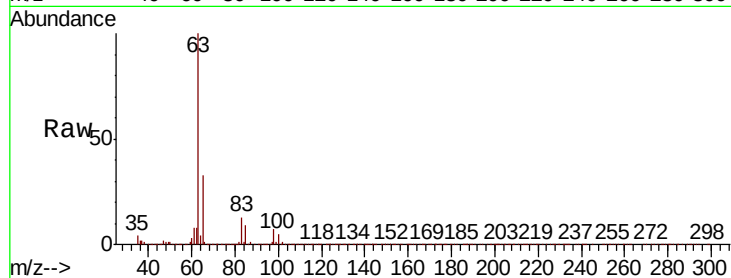
ClientSampleId :

VSTDIC050

Tot Ion:	63	Resp:	503707
Ion Ratio		Lower	Upper
63	100		
98	6.8	3.4	10.1
100	4.9	2.5	7.4

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#22

cis-1,2-Dichloroethene

Concen: 45.712 ug/l

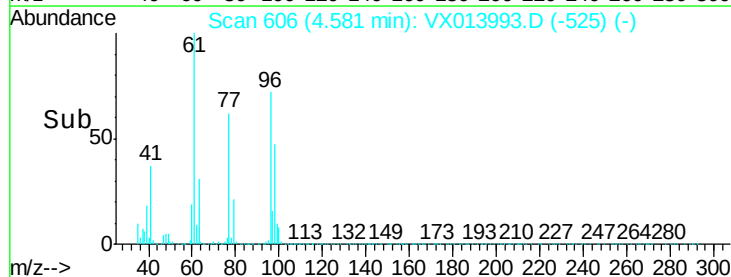
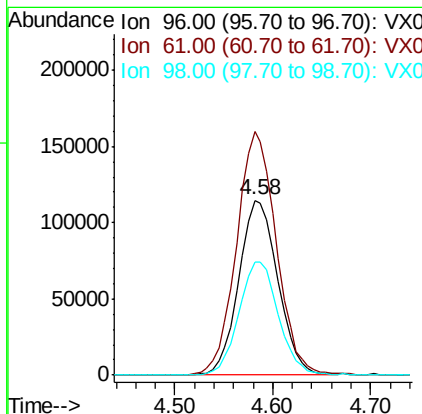
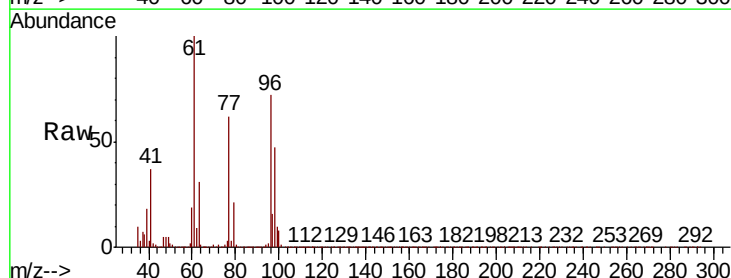
RT: 4.58 min Scan# 606

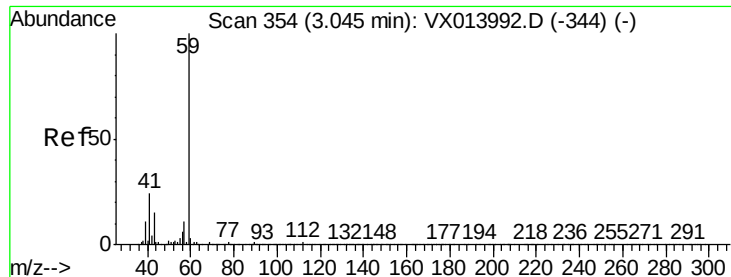
Delta R.T. -0.01 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Tgt Ion:	96	Resp:	318746
Ion Ratio		Lower	Upper
96	100		
61	141.1	112.4	168.6
98	65.2	50.3	75.5





#23

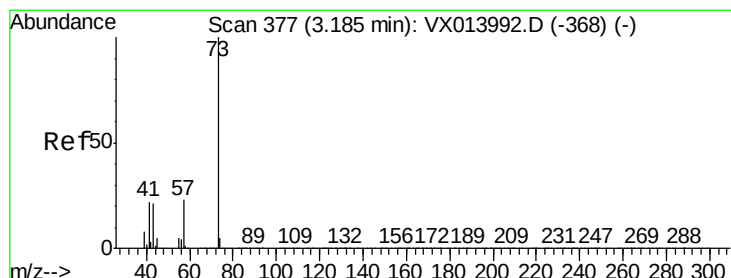
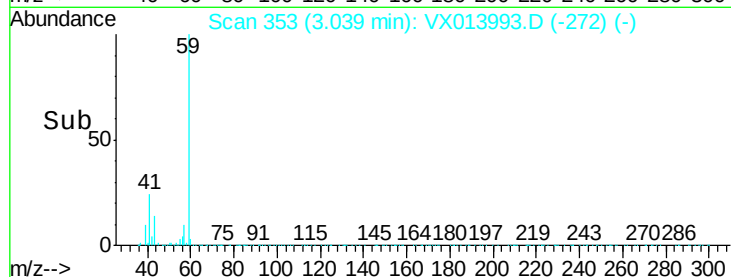
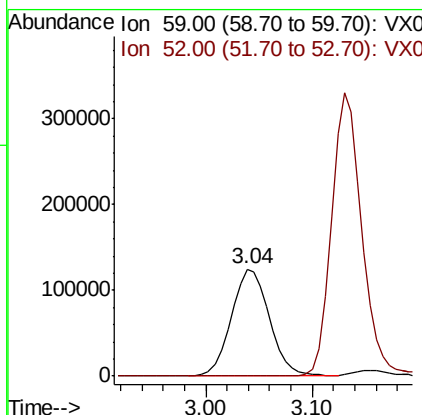
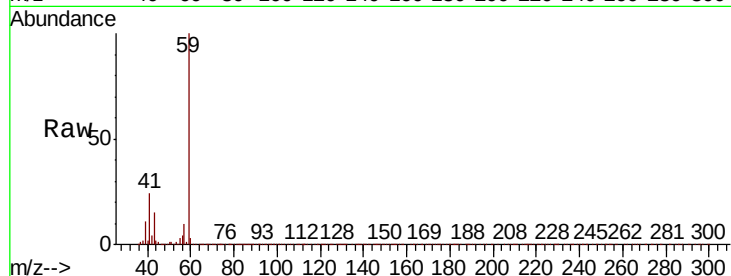
tert-Butyl Alcohol
Concen: 182.847 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.01 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.2	0.2#

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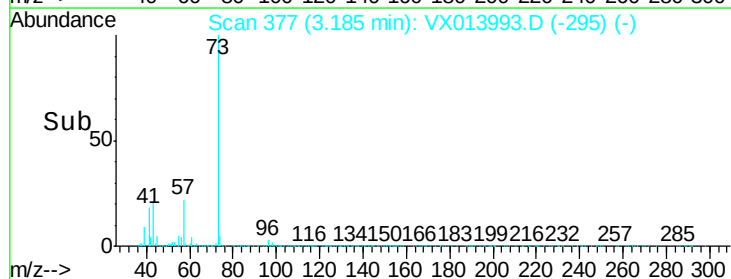
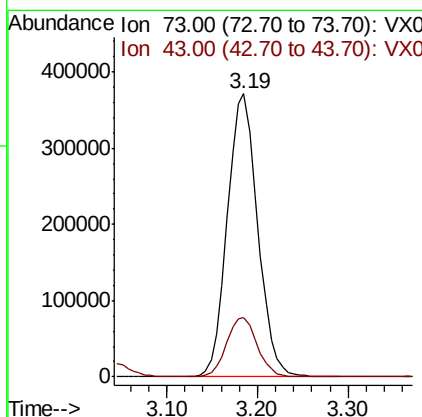
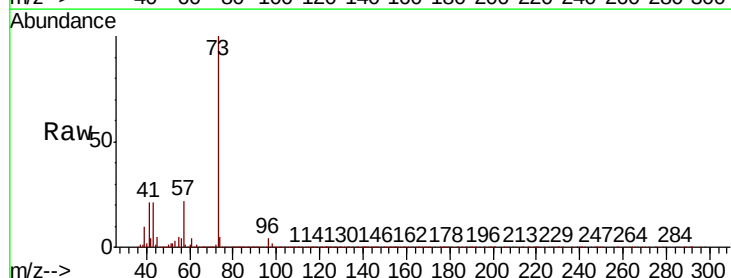
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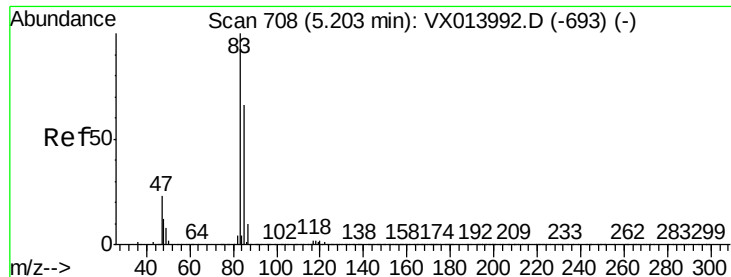


#24

Methyl tert-Butyl Ether
Concen: 45.592 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.0	16.6	25.0





#25

Chloroform

Concen: 45.222 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 83 Resp: 486703

Ion Ratio Lower Upper

83 100

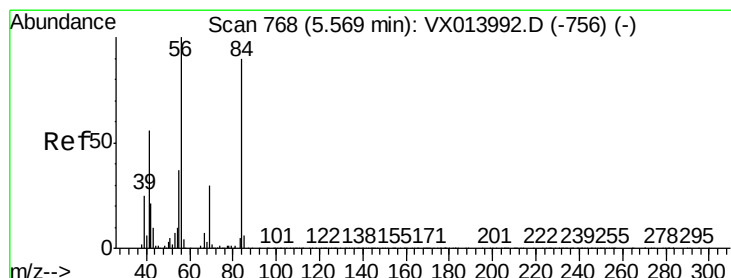
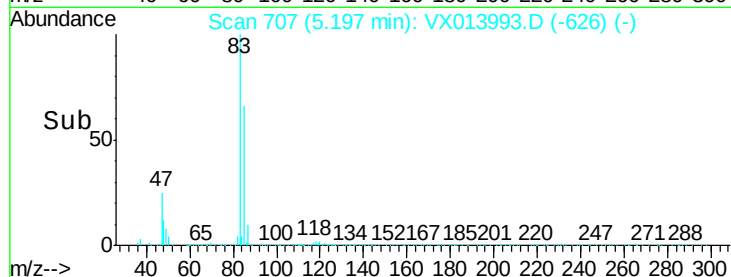
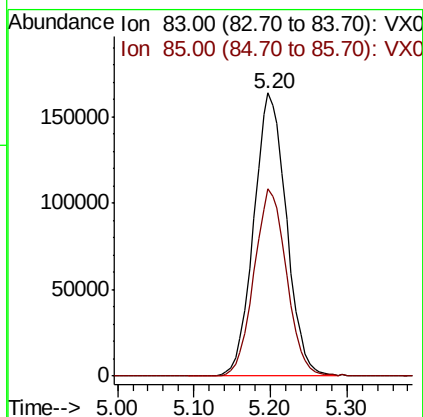
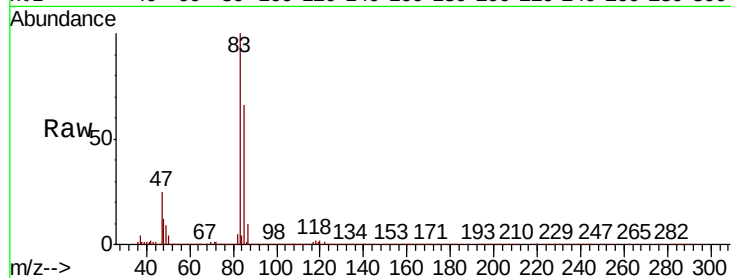
85 66.2 52.7 79.1

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#26

Cyclohexane

Concen: 45.739 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

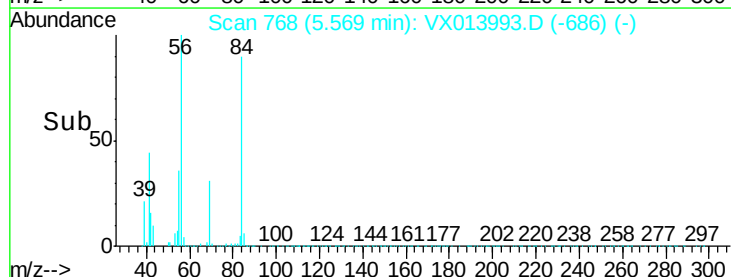
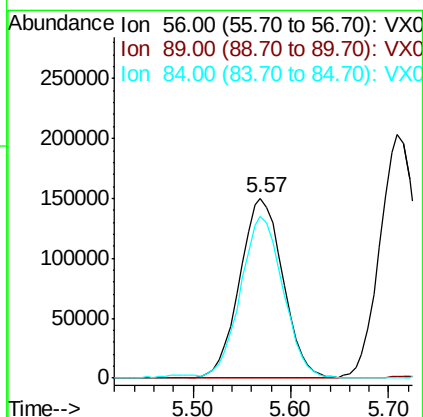
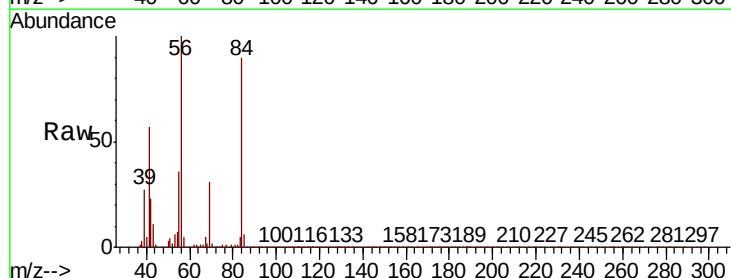
Tgt Ion: 56 Resp: 458505

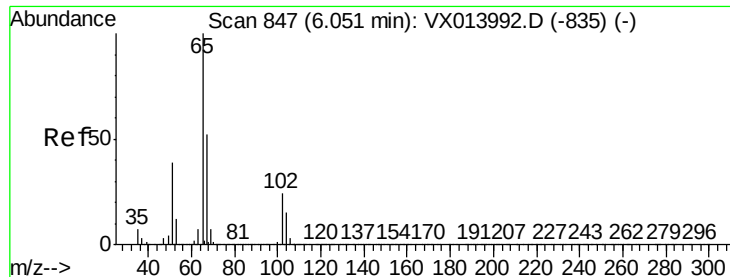
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 88.6 70.8 106.2





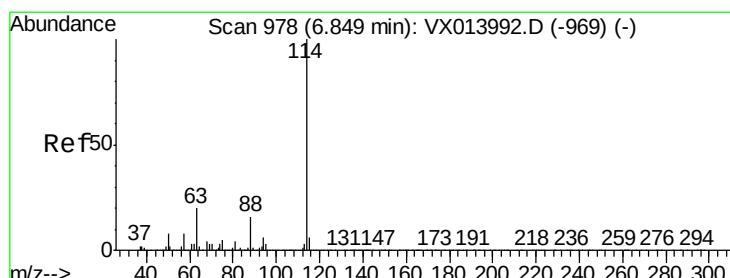
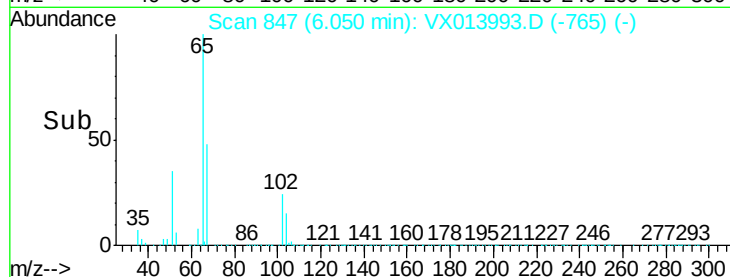
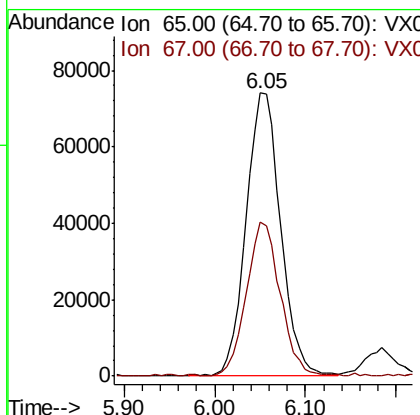
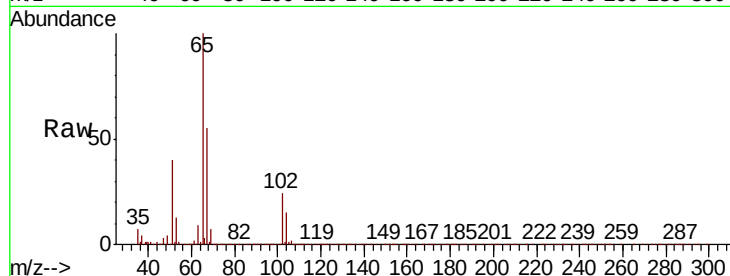
#27
 1,2-Dichloroethane-d4
 Concen: 28.371 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013993.D
 Acq: 12 Dec 2019 23:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	43.1	64.7

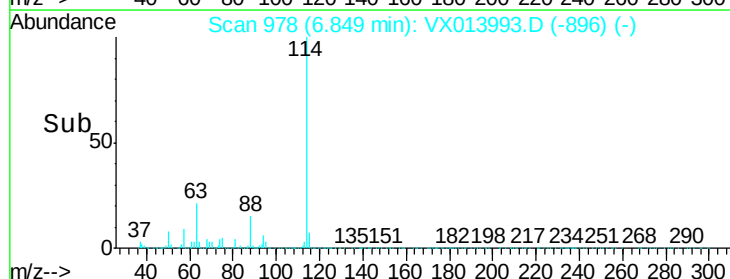
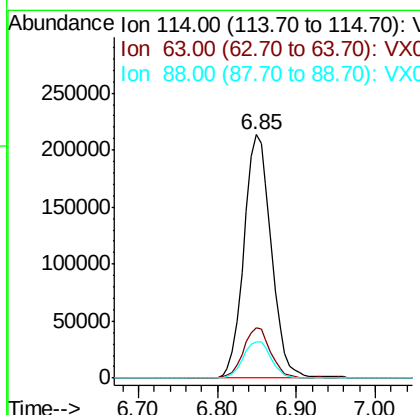
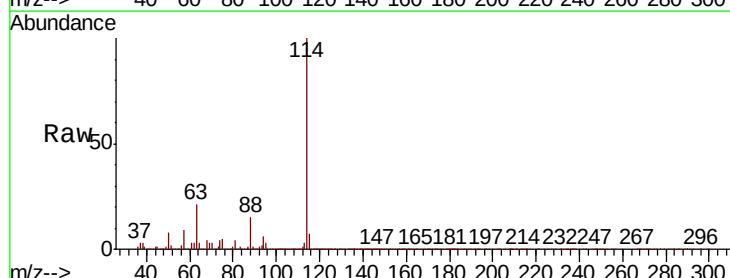
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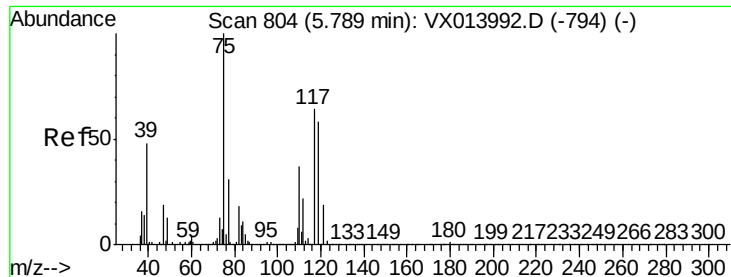
apatel
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013993.D
 Acq: 12 Dec 2019 23:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	16.1	24.1
88	15.2	12.5	18.7





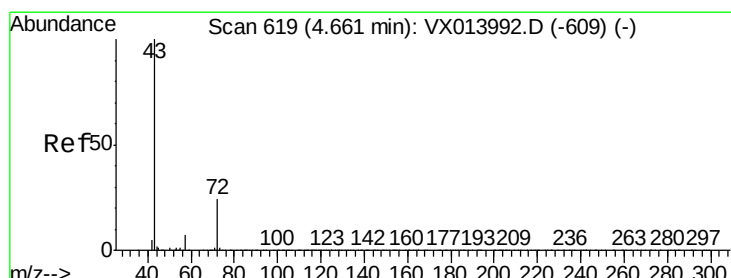
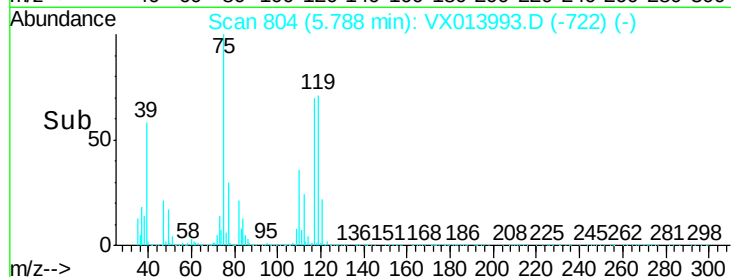
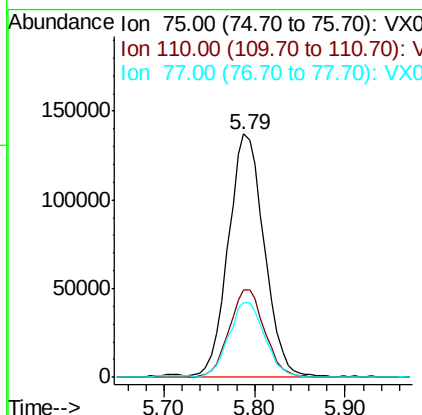
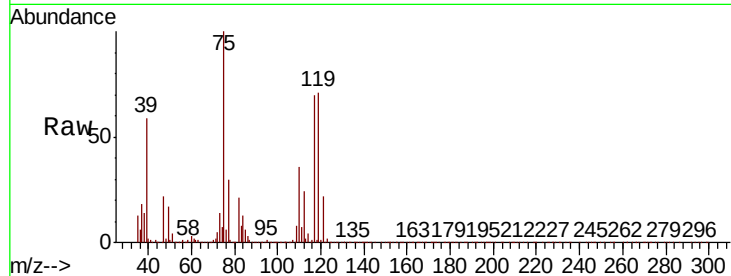
#29
 1,1-Dichloropropene
 Concen: 48.121 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013993.D
 Acq: 12 Dec 2019 23:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	35.9	0.0	73.8
77	30.6	0.0	62.4

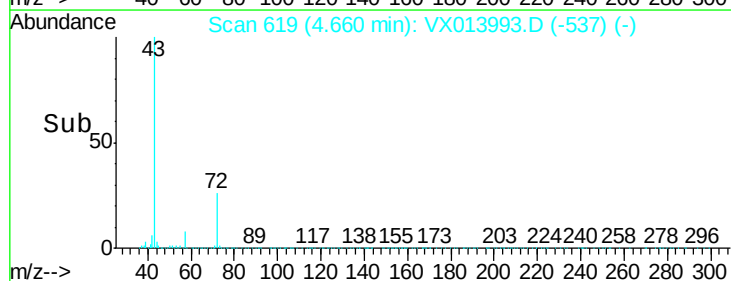
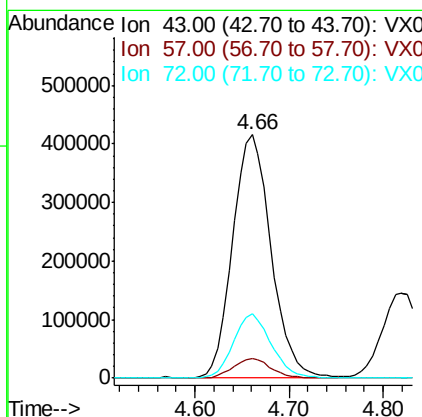
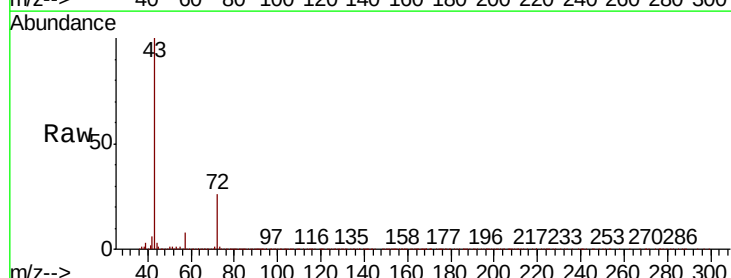
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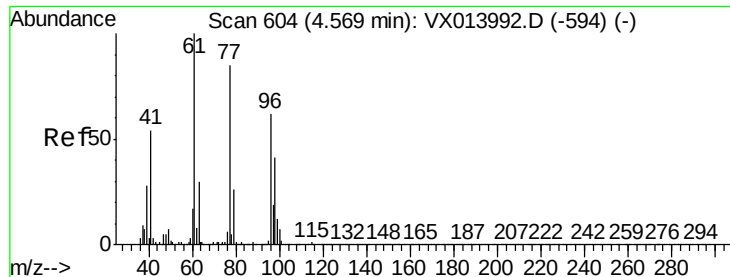
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#30
 2-Butanone
 Concen: 236.939 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: VX013993.D
 Acq: 12 Dec 2019 23:44

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.1	6.2	9.2
72	25.7	20.3	30.5





#31

2,2-Dichloropropane

Concen: 42.205 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 77 Resp: 346026

Ion Ratio Lower Upper

77 100

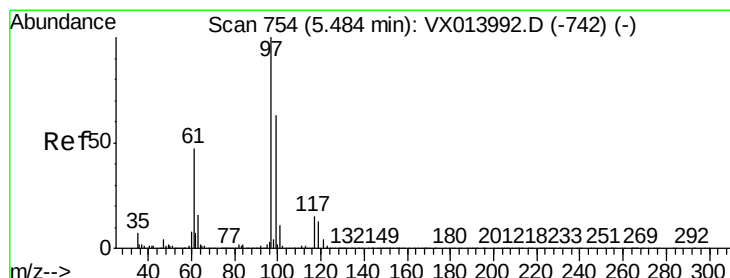
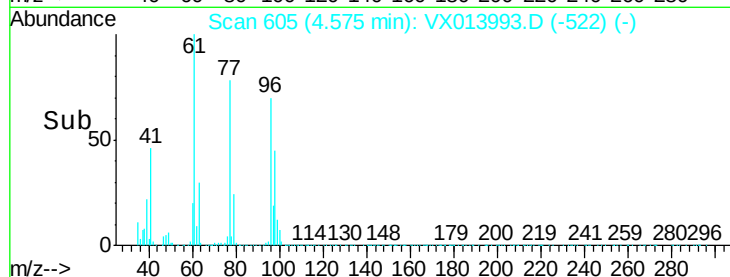
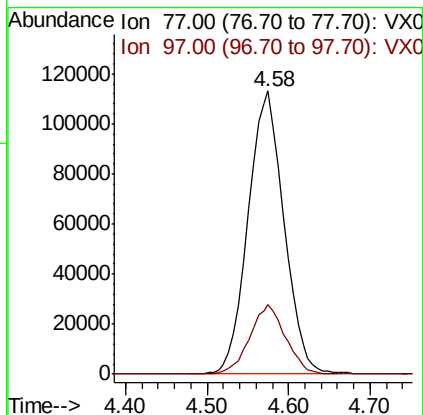
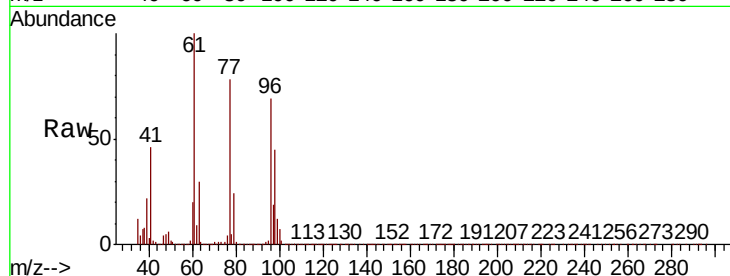
97 24.3 19.7 29.5

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#32

1,1,1-Trichloroethane

Concen: 47.550 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

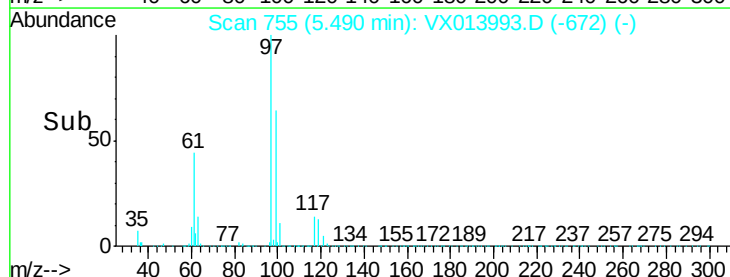
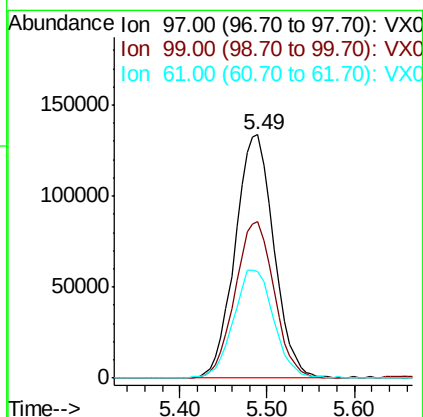
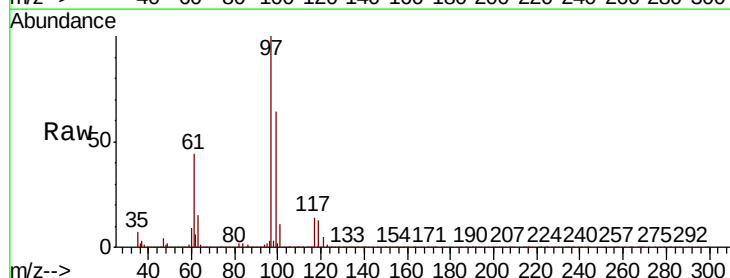
Tgt Ion: 97 Resp: 410443

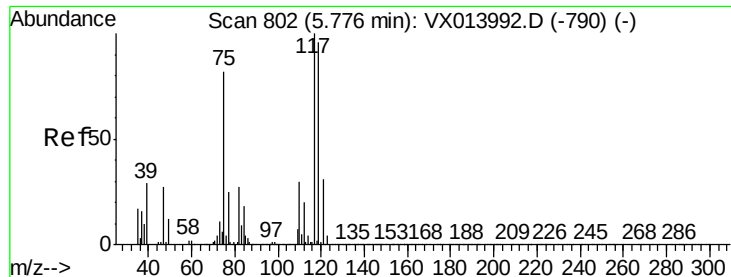
Ion Ratio Lower Upper

97 100

99 64.7 51.9 77.9

61 45.6 36.8 55.2





#33

Carbon Tetrachloride

Concen: 47.603 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

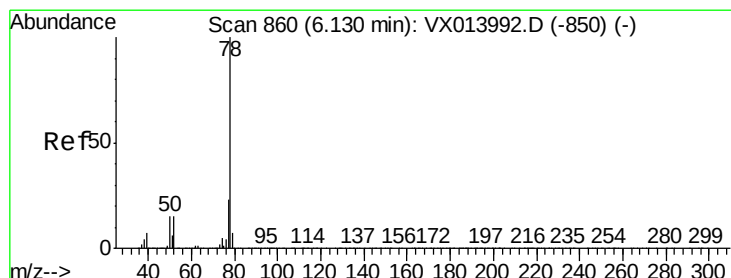
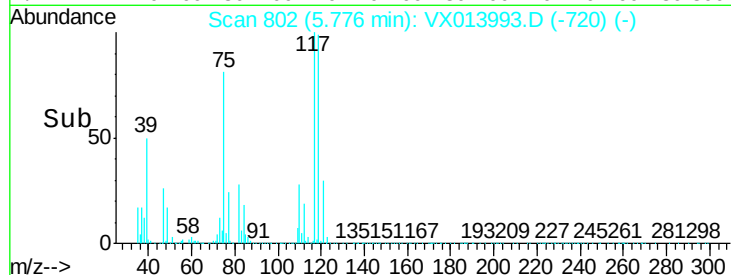
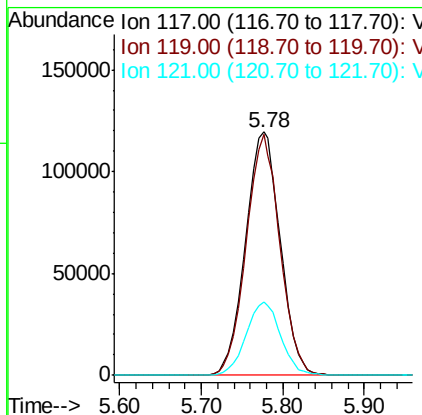
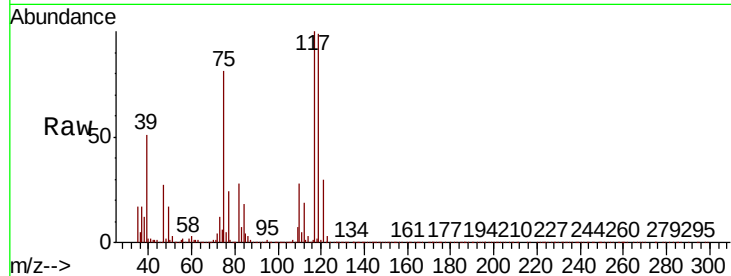
ClientSampleId :

VSTDIC050

Tot Ion:	117	Resp:	355127
Ion Ratio	Lower	Upper	
117	100		
119	99.0	77.2	115.8
121	30.1	24.8	37.2

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#34

Benzene

Concen: 48.838 ug/l

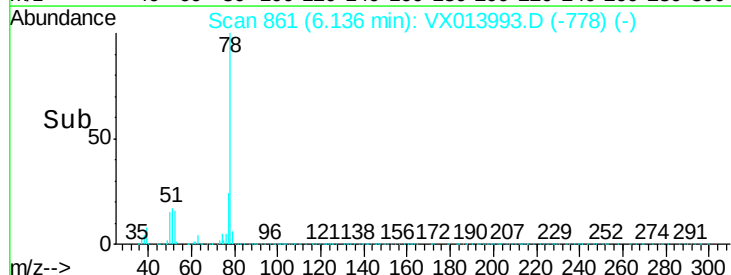
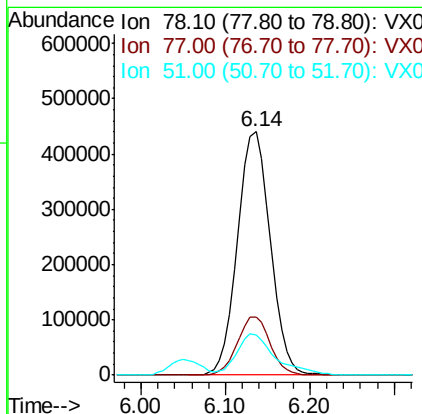
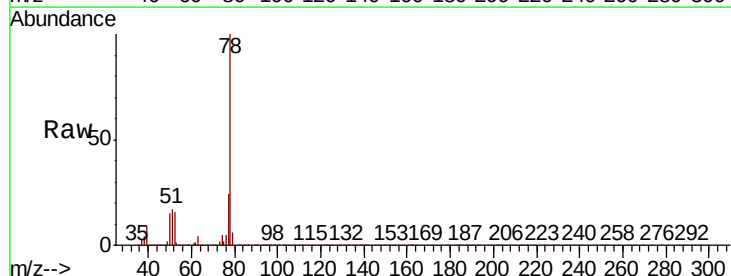
RT: 6.14 min Scan# 861

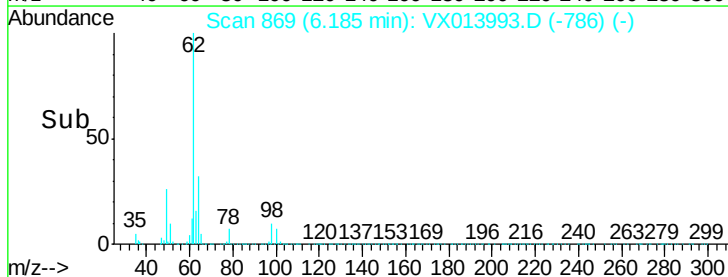
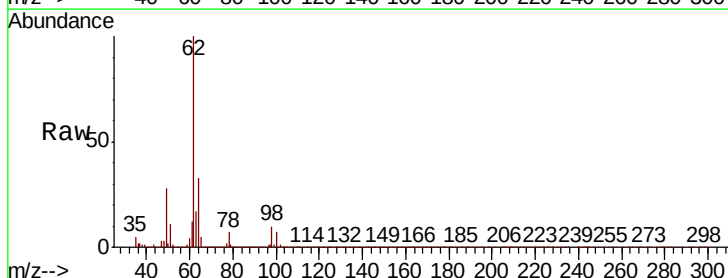
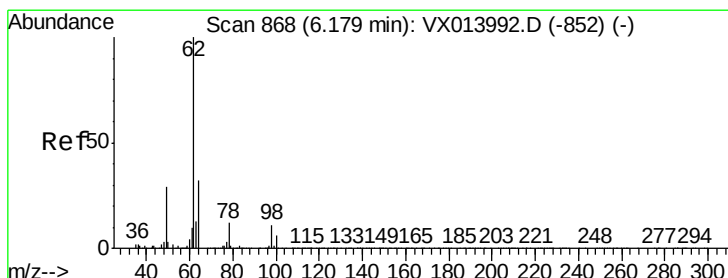
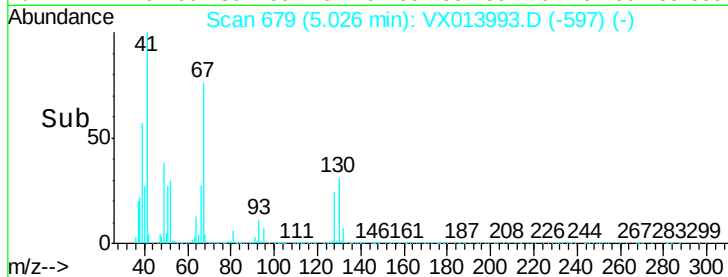
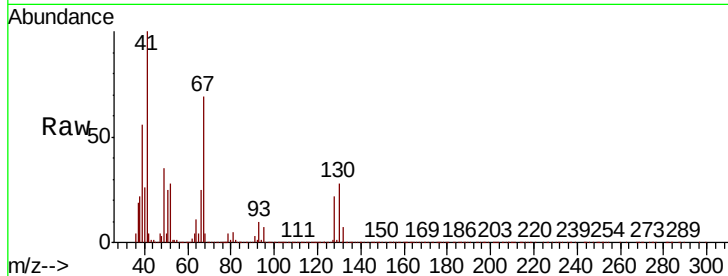
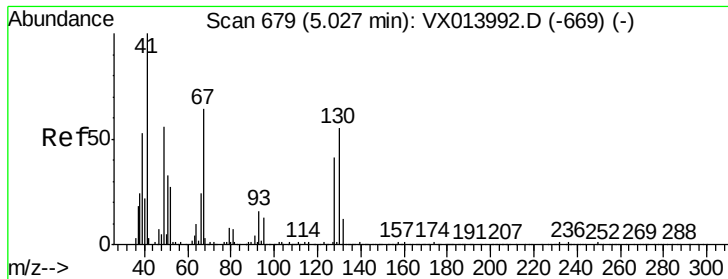
Delta R.T. 0.01 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

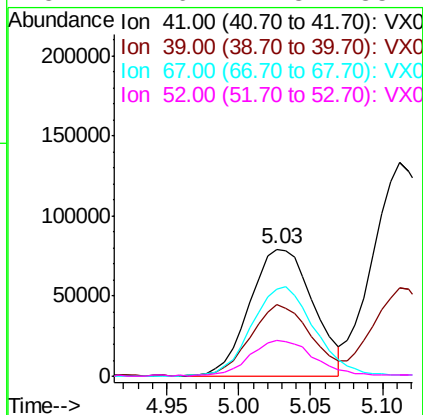
Tgt Ion:	78	Resp:	1161094
Ion Ratio	Lower	Upper	
78	100		
77	23.6	18.2	27.2
51	16.4	12.4	18.6





#35
Methacrylonitrile
Concen: 47.173 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	26.7	80.1	
67	68.5	31.5	94.5	
52	27.6	12.8	38.4	



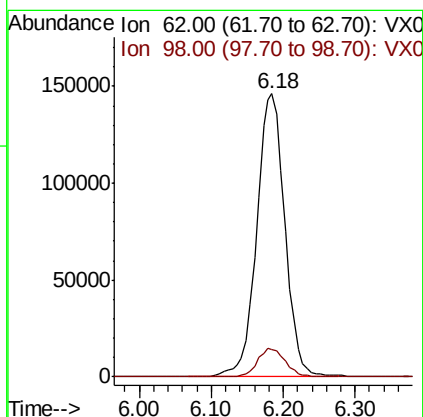
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

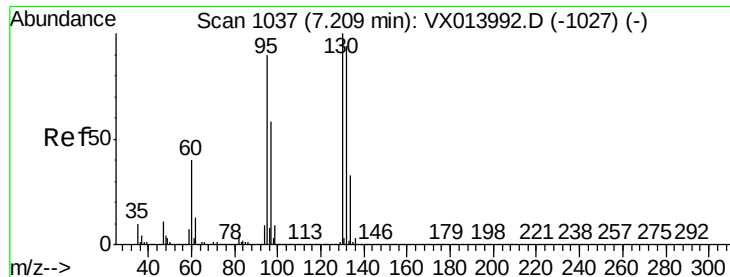
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#36
1,2-Dichloroethane
Concen: 47.981 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	8.4	12.6	





#37

Trichloroethene

Concen: 48.921 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:130 Resp: 312827

Ion Ratio Lower Upper

130 100

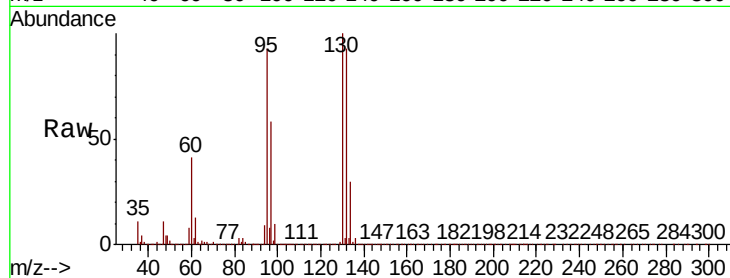
95 92.4 71.7 107.5

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

150000

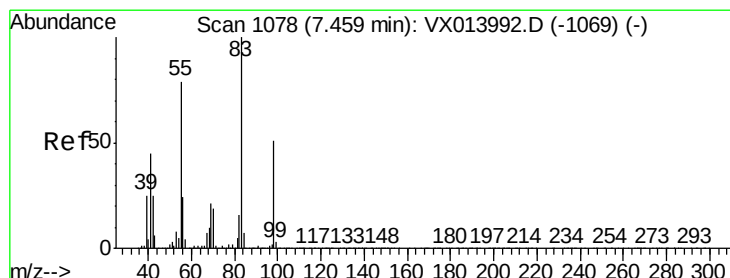
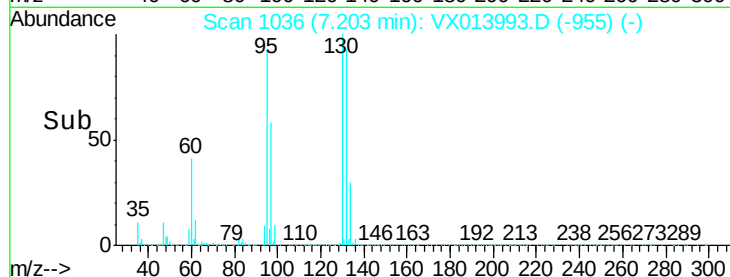
100000

50000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#38

Methylcyclohexane

Concen: 48.174 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

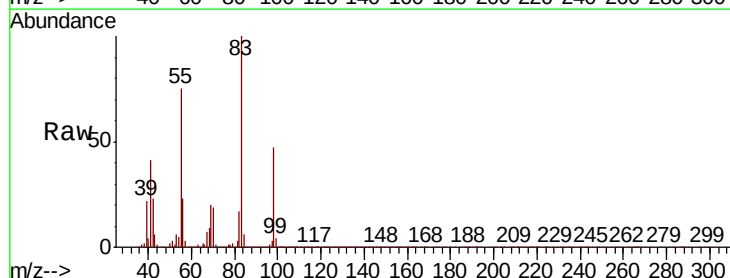
Tgt Ion: 83 Resp: 458152

Ion Ratio Lower Upper

83 100

55 77.7 39.4 118.1

98 49.6 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

300000

250000

200000

150000

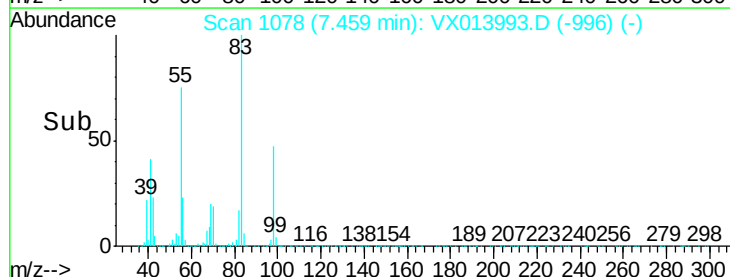
100000

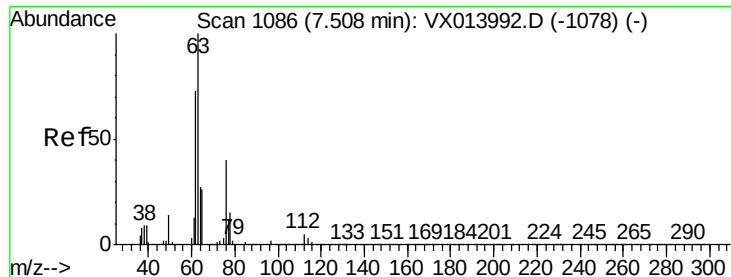
50000

0

7.30 7.40 7.50 7.60

Time-->





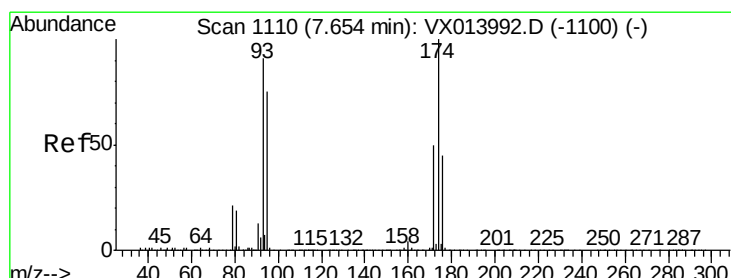
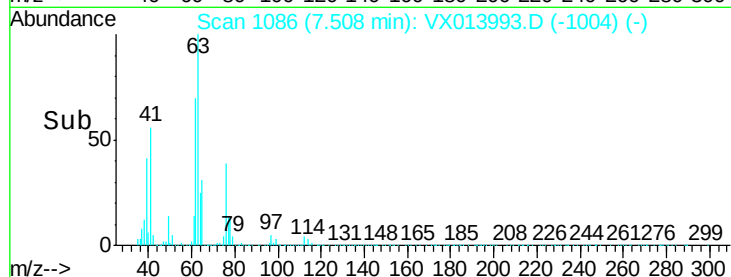
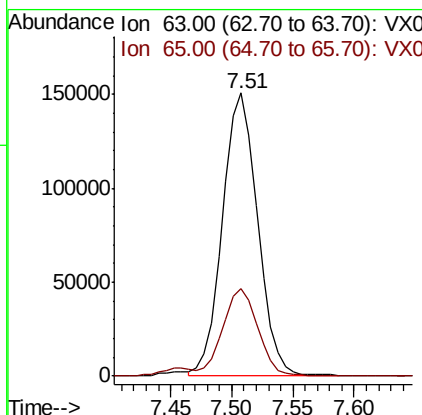
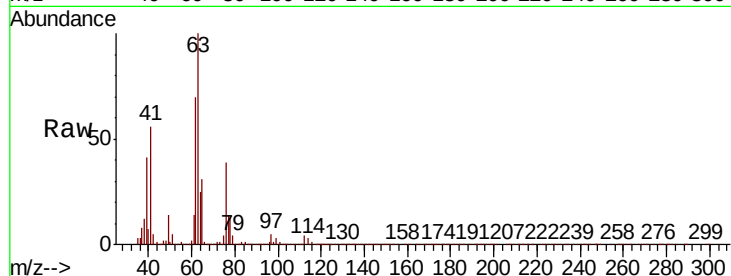
#39
 1,2-Dichloropropane
 Concen: 48.440 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013993.D
 Acq: 12 Dec 2019 23:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.1	33.1

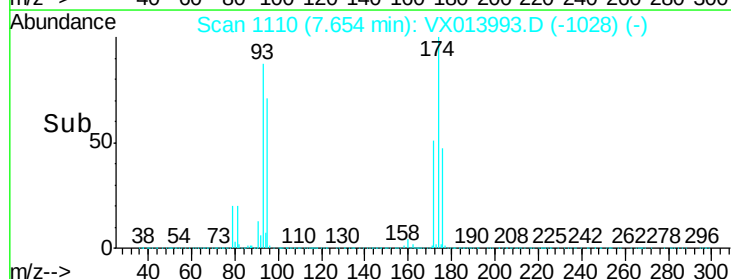
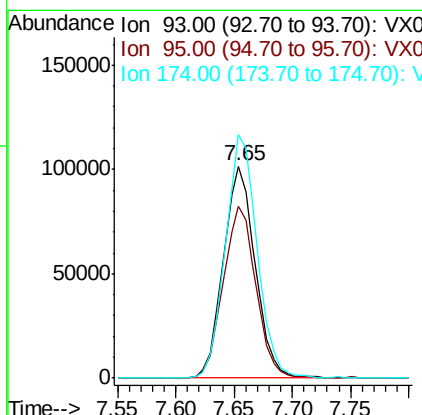
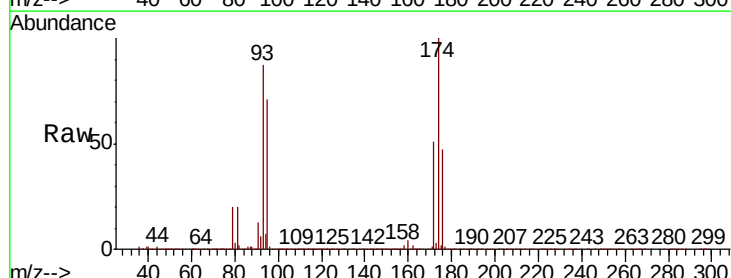
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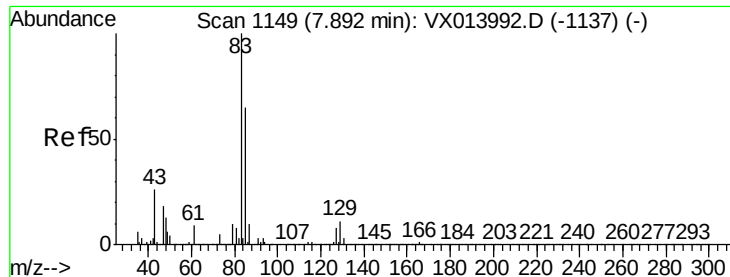
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#40
 Dibromomethane
 Concen: 47.272 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013993.D
 Acq: 12 Dec 2019 23:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	0.0	164.4
174	115.1	0.0	228.8





#41

Bromodichloromethane

Concen: 47.468 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

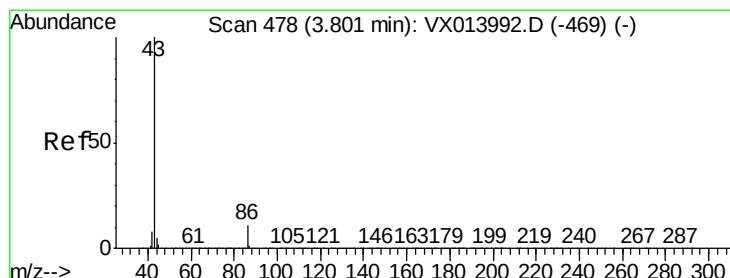
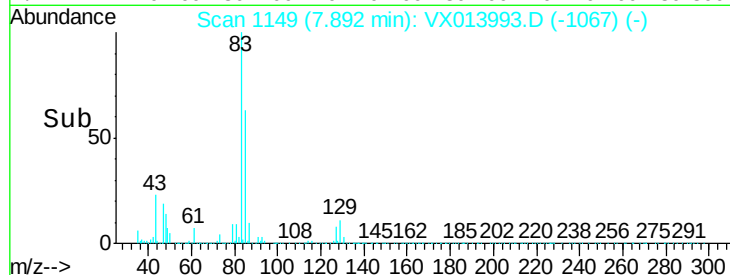
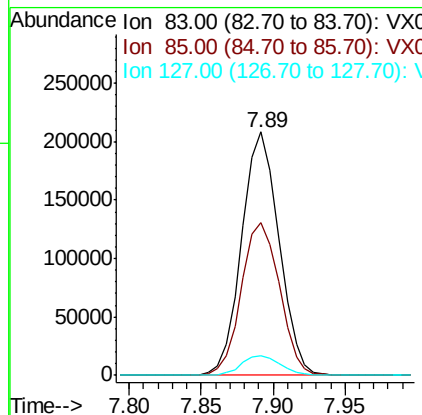
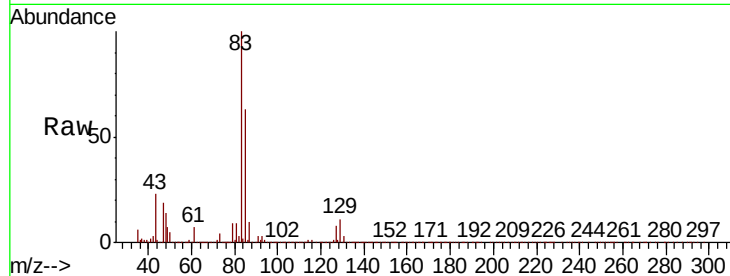
ClientSampleId :

VSTDIC050

Tot Ion:	83	Resp:	373716
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.6	77.4
127	8.2	6.0	9.0

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#42

Vinyl Acetate

Concen: 232.200 ug/l

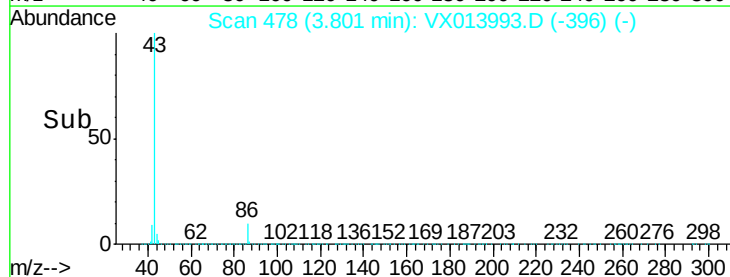
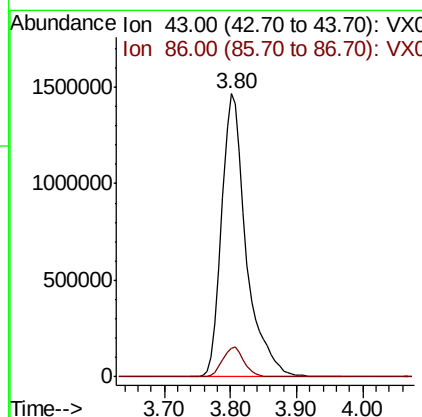
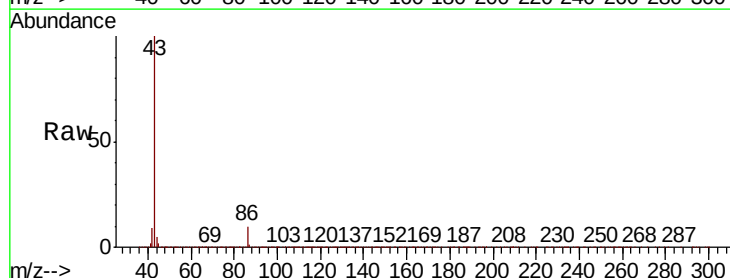
RT: 3.80 min Scan# 478

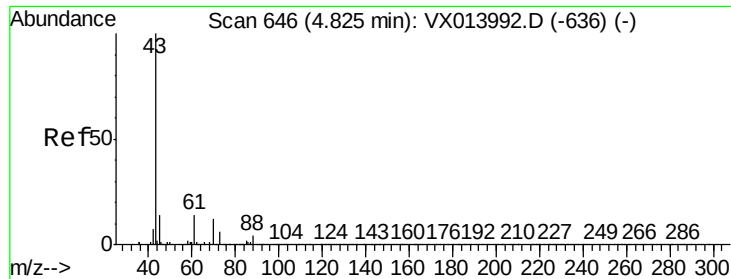
Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Tgt Ion:	43	Resp:	3772898
Ion Ratio	Lower	Upper	
43	100		
86	9.3	7.7	11.5





#43

Ethyl Acetate

Concen: 47.568 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.01 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 43 Resp: 439436

Ion Ratio Lower Upper

43 100

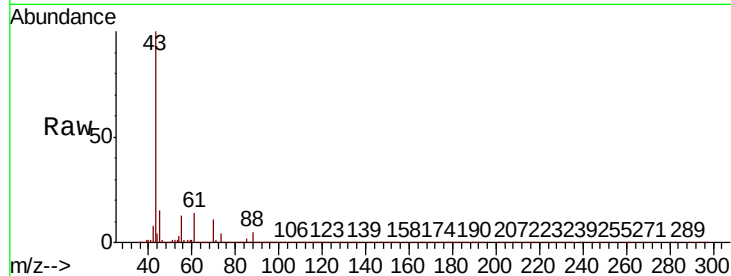
45 14.7 11.8 17.8

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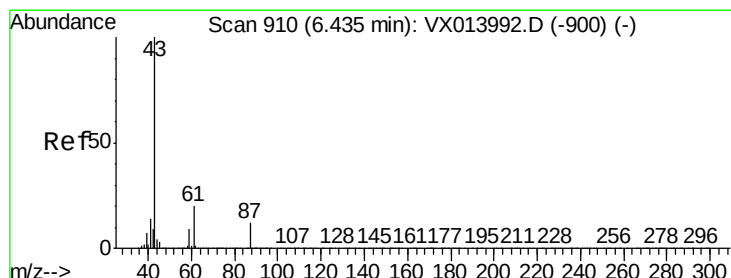
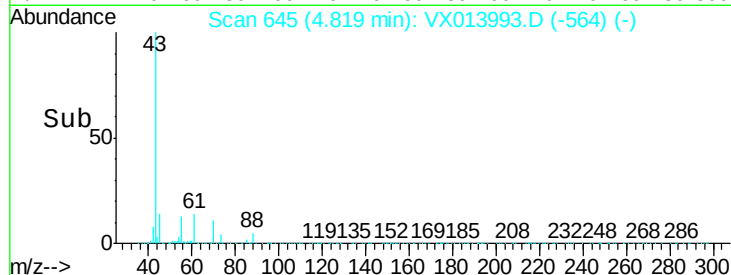
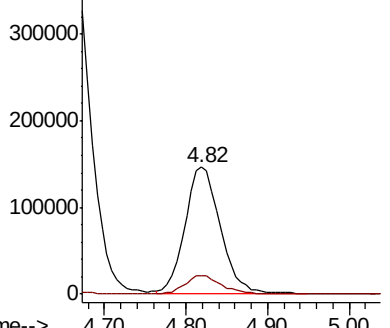
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 47.351 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013993.D

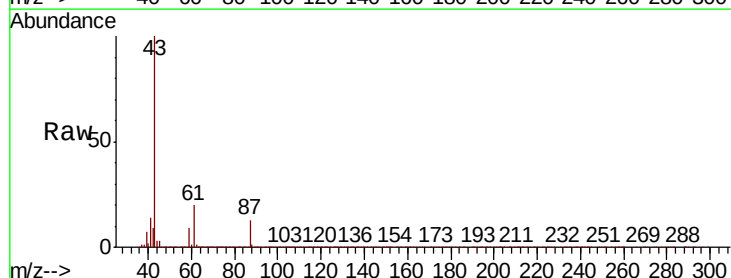
Acq: 12 Dec 2019 23:44

Tgt Ion: 43 Resp: 709401

Ion Ratio Lower Upper

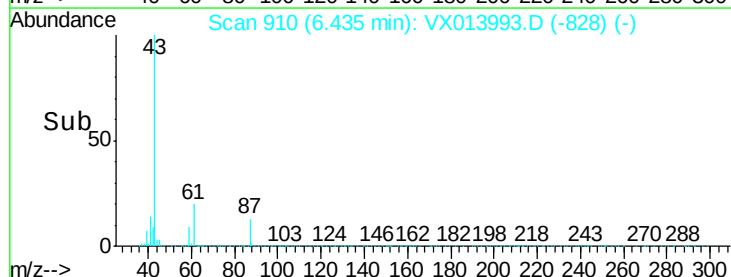
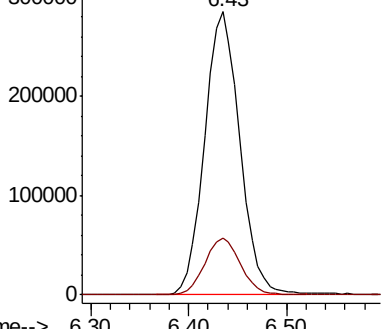
43 100

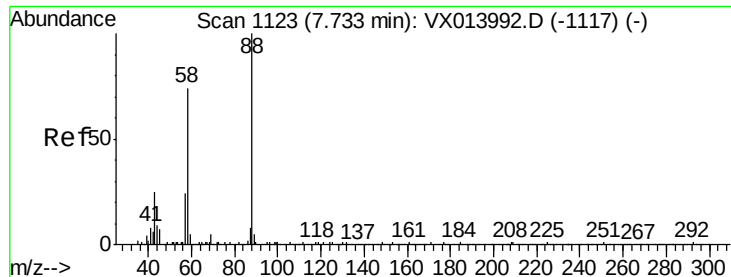
61 20.4 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 846.459 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

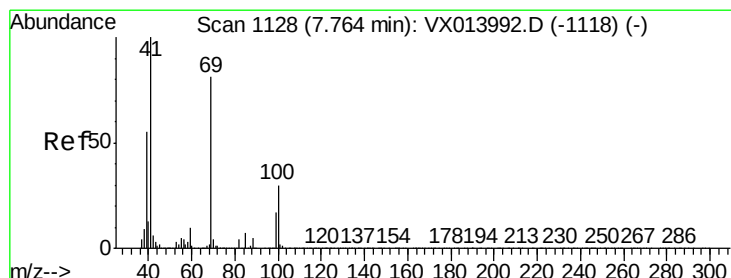
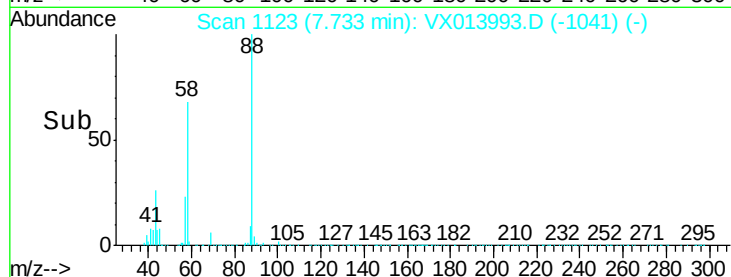
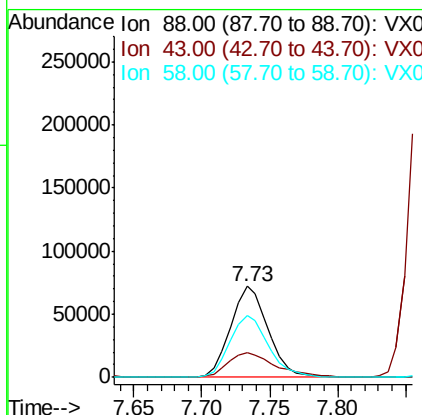
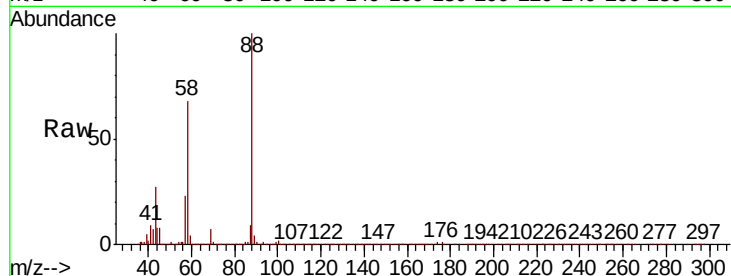
ClientSampleId :

VSTDIC050

Tot Ion:	88	Resp:	138091
Ion	Ratio	Lower	Upper
88	100		
43	34.7	25.4	38.2
58	69.8	56.5	84.7

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#46

Methyl methacrylate

Concen: 46.663 ug/l

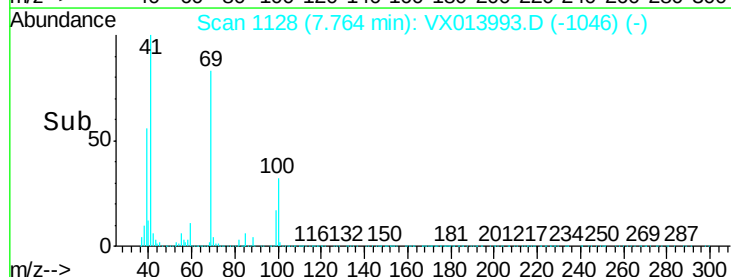
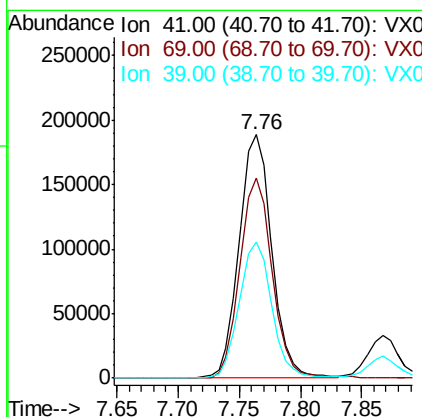
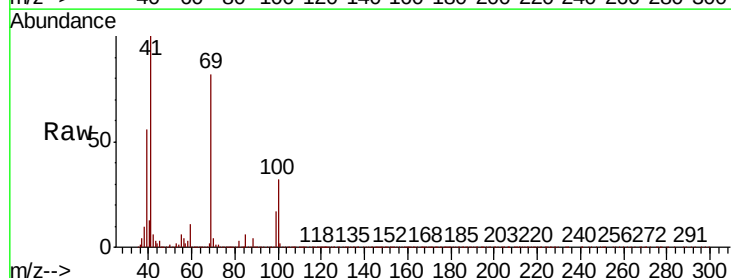
RT: 7.76 min Scan# 1128

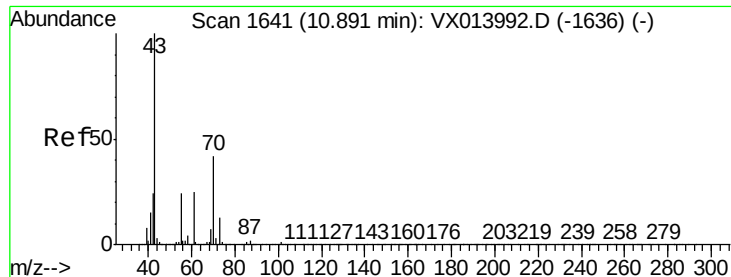
Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Tgt Ion:	41	Resp:	348192
Ion	Ratio	Lower	Upper
41	100		
69	82.4	40.6	122.0
39	55.8	27.8	83.3





#47

n-amvl Acetate

Concen: 48.627 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 43 Resp: 643294

Ion Ratio Lower Upper

43 100

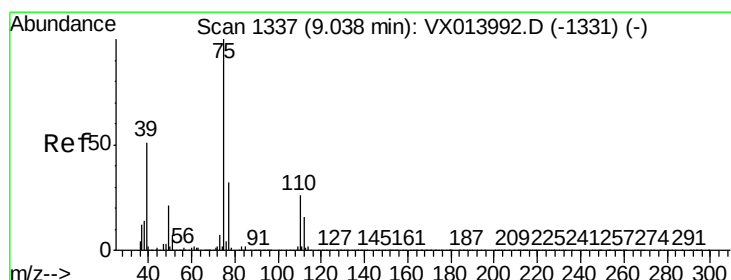
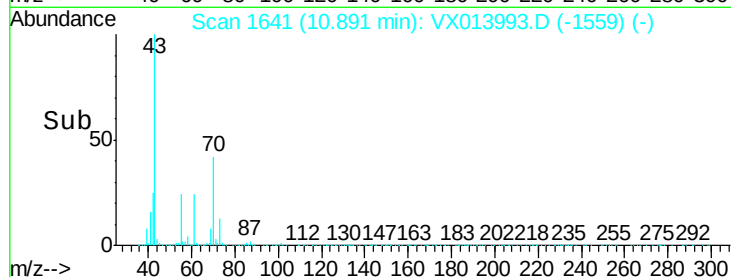
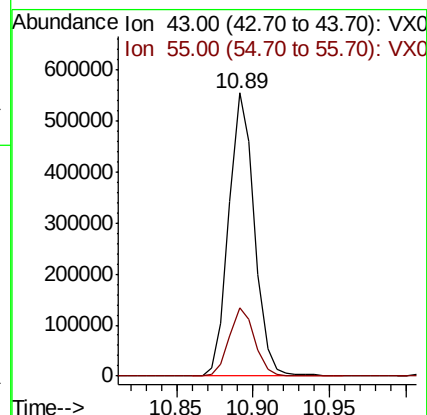
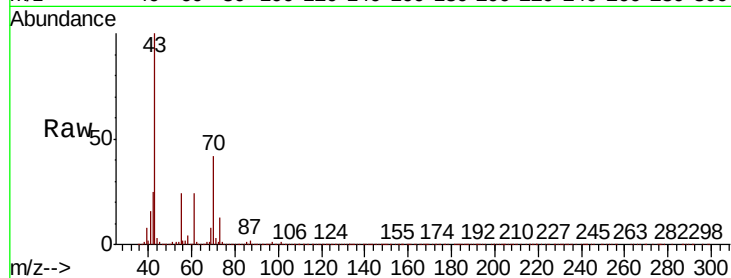
55 24.0 19.4 29.2

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 46.782 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013993.D

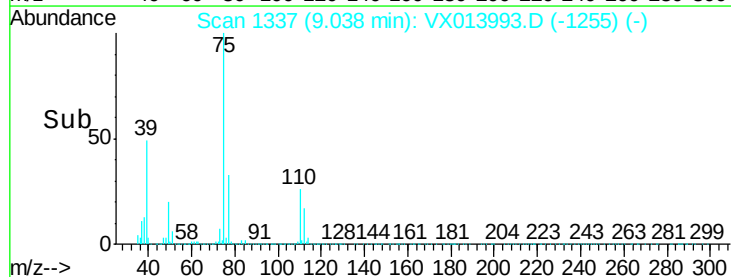
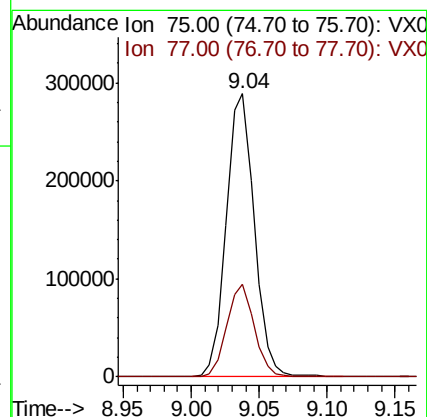
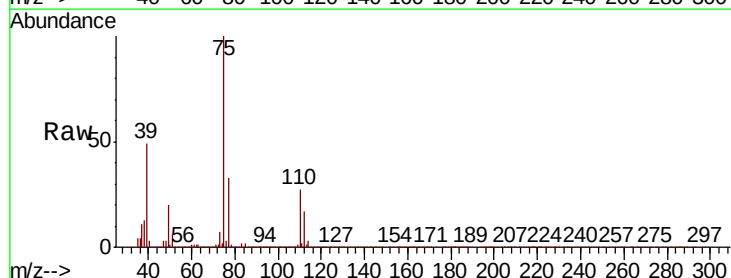
Acq: 12 Dec 2019 23:44

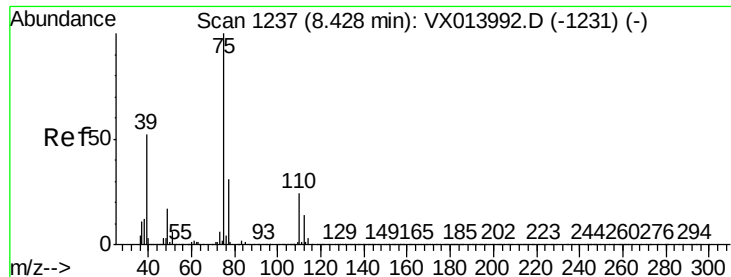
Tgt Ion: 75 Resp: 412007

Ion Ratio Lower Upper

75 100

77 33.0 26.0 39.0





#49

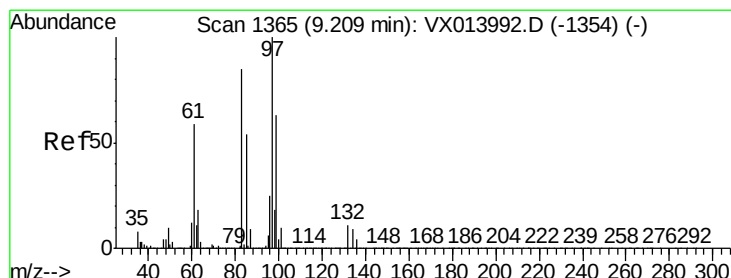
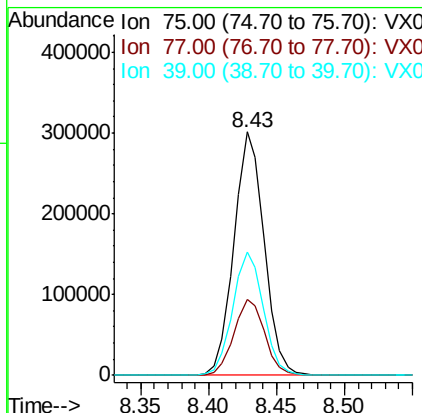
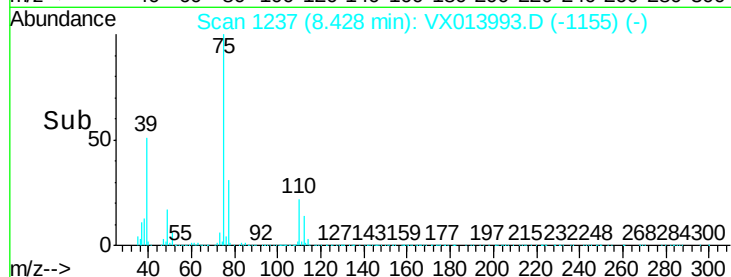
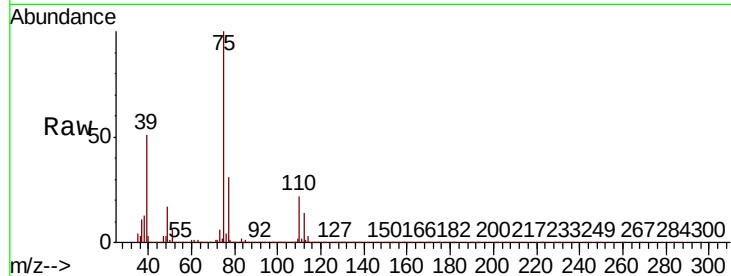
cis-1,3-Dichloropropene
 Concen: 48.042 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013993.D
 Acq: 12 Dec 2019 23:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.8	37.2
39	50.6	41.1	61.7

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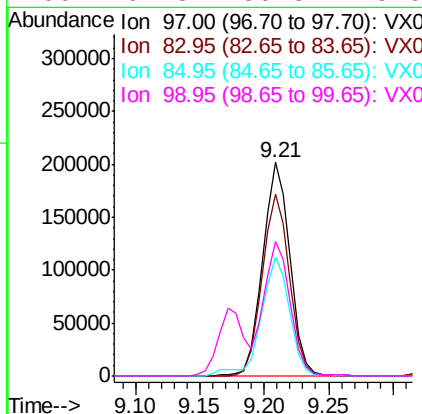
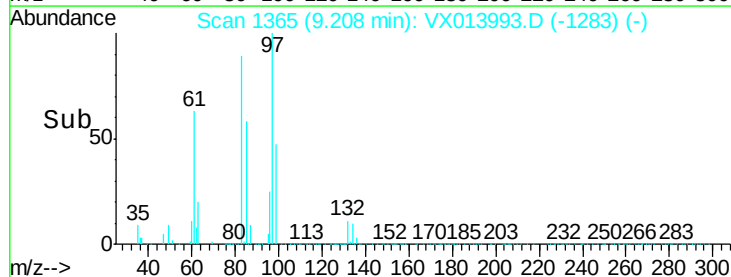
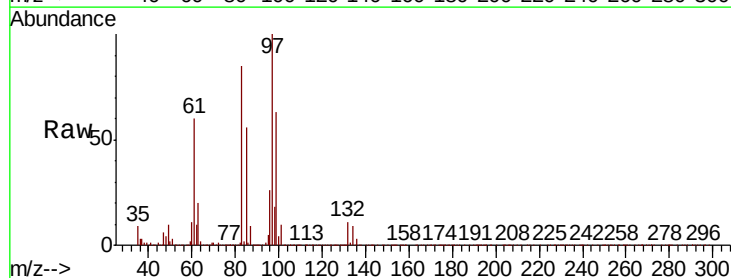
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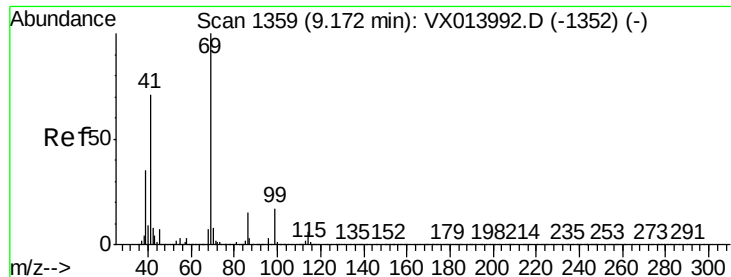


#50

1,1,2-Trichloroethane
 Concen: 48.638 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013993.D
 Acq: 12 Dec 2019 23:44

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.1	102.1
85	55.6	42.7	64.1
99	62.8	50.3	75.5





#51

Ethyl methacrylate

Concen: 48.281 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

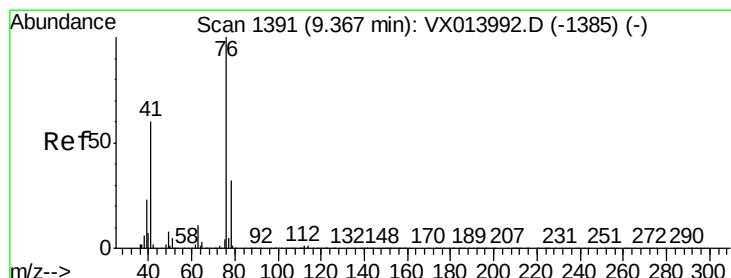
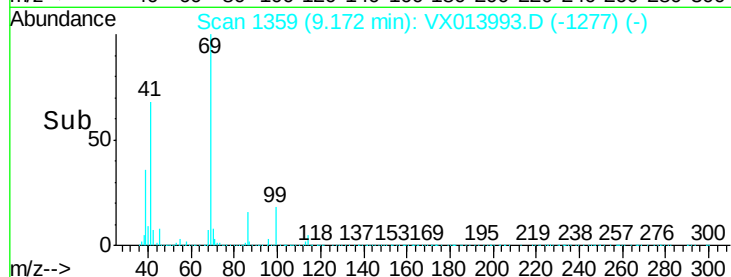
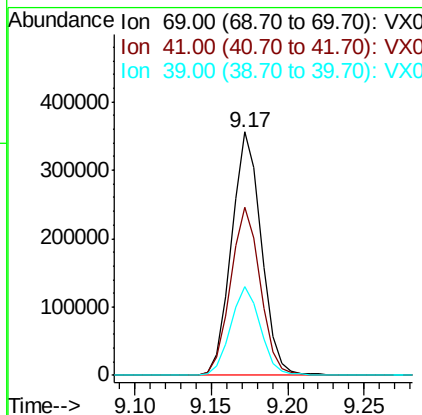
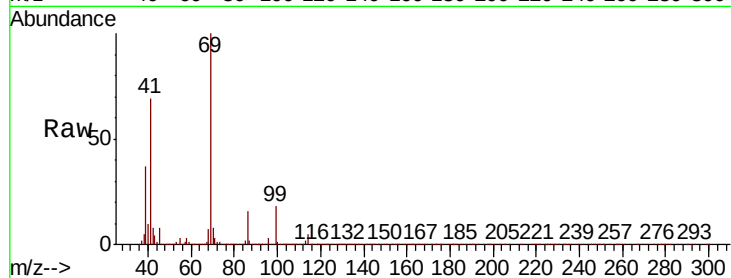
ClientSampleId :

VSTDIC050

Tot Ion:	69	Resp:	479419
Ion Ratio	Lower	Upper	
69	100		
41	69.0	35.4	106.1
39	36.5	17.8	53.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 48.502 ug/l

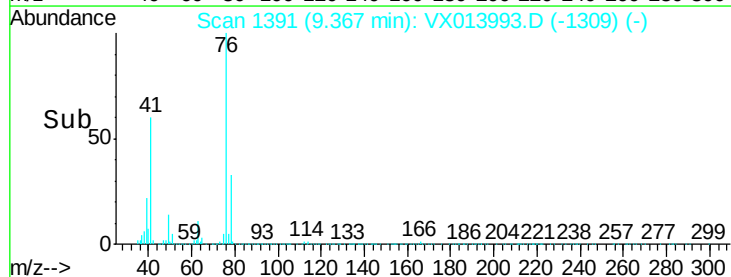
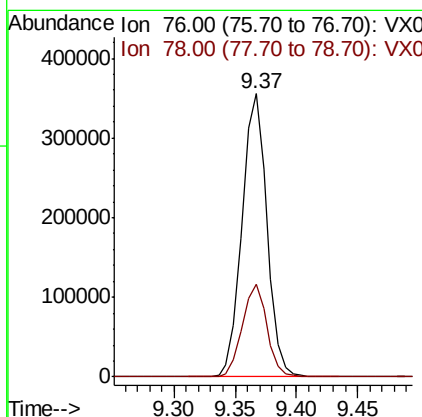
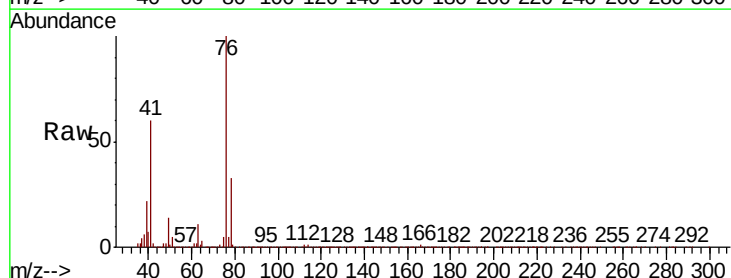
RT: 9.37 min Scan# 1391

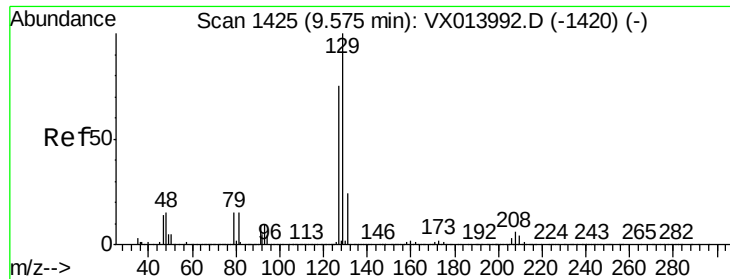
Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Tgt Ion:	76	Resp:	501911
Ion Ratio	Lower	Upper	
76	100		
78	32.3	0.0	63.4





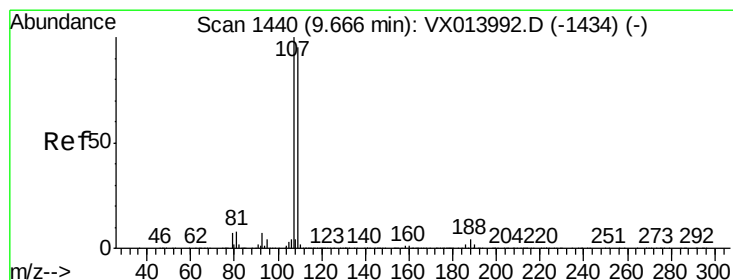
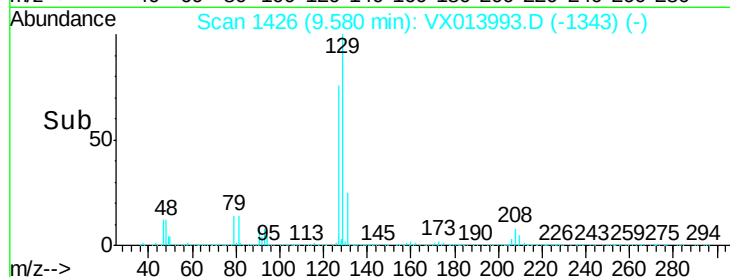
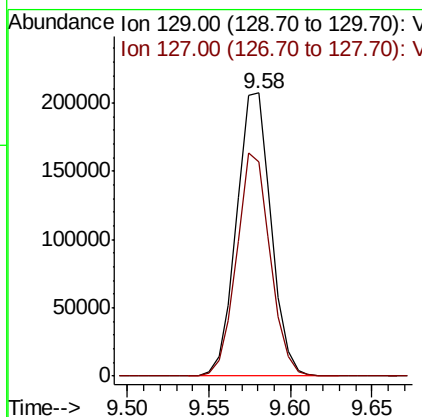
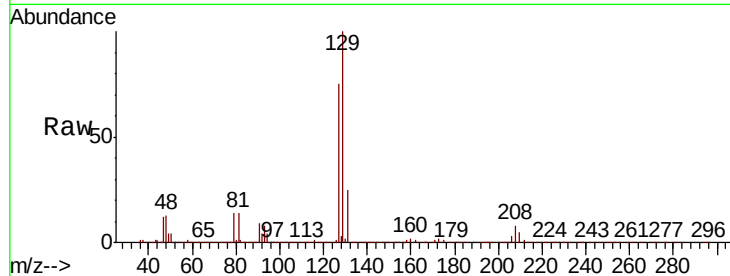
#53
 Dibromochloromethane
 Concen: 48.206 ug/l
 RT: 9.58 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: VX013993.D
 Acq: 12 Dec 2019 23:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.5	39.1	117.5

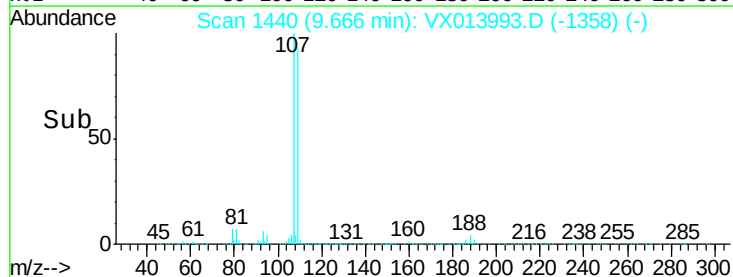
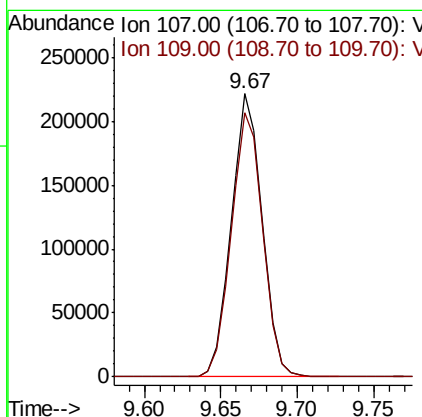
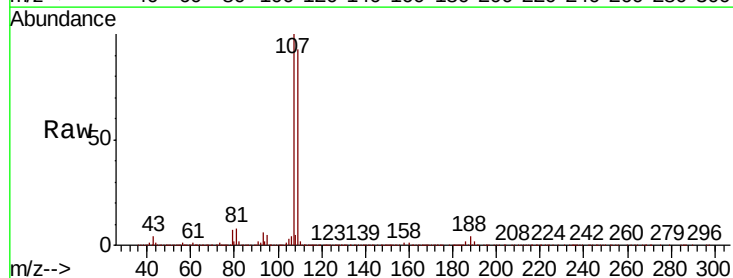
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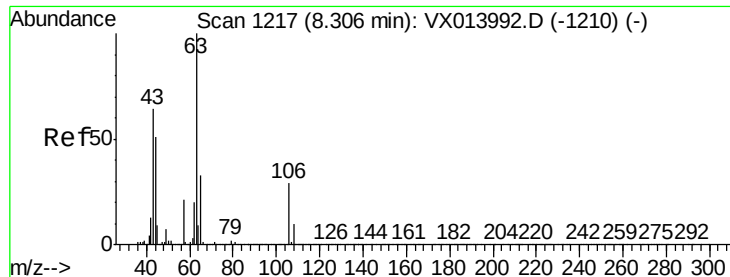
apatel
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#54
 1,2-Dibromoethane
 Concen: 48.277 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013993.D
 Acq: 12 Dec 2019 23:44

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.9	77.2	115.8





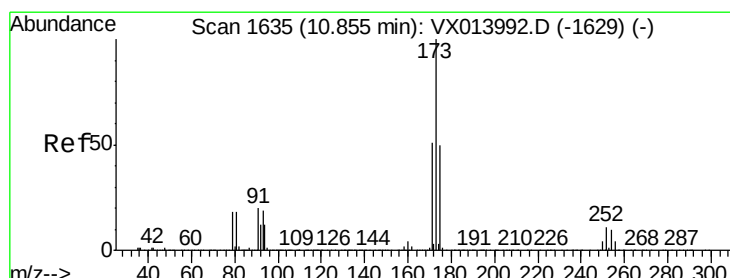
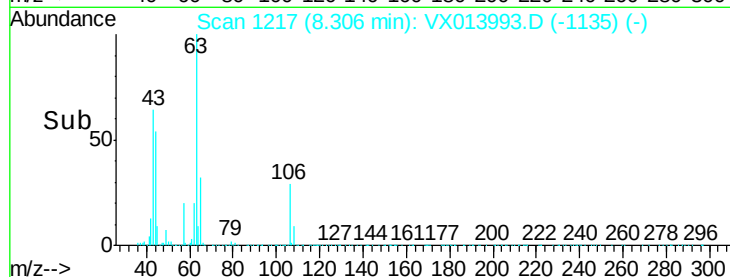
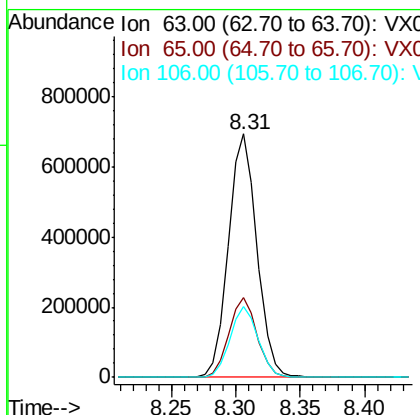
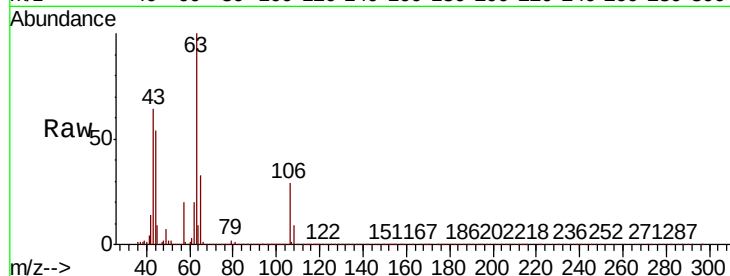
#55
2-Chloroethyl vinyl ether
Concen: 252.075 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.8	38.6
106	28.7	22.9	34.3

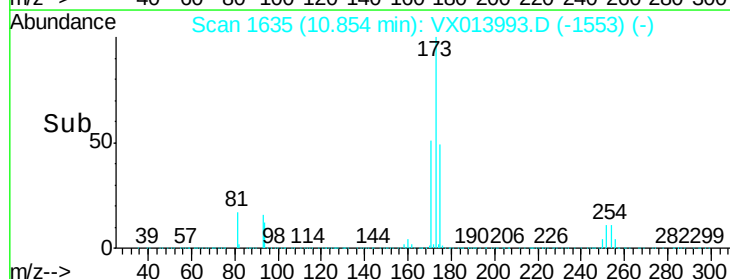
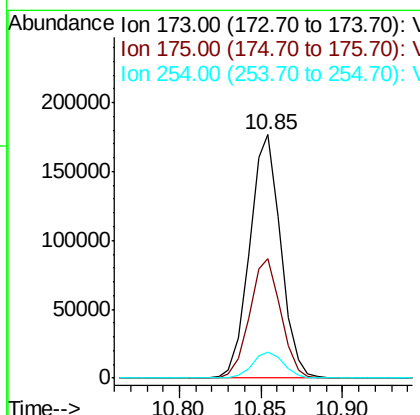
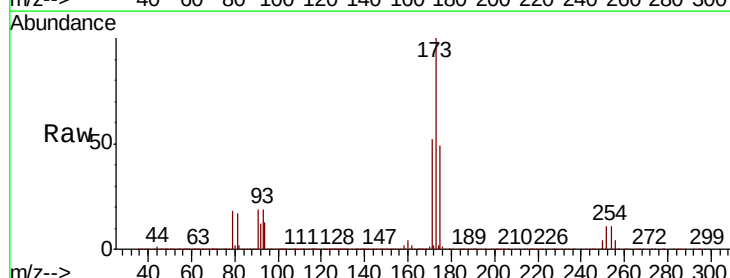
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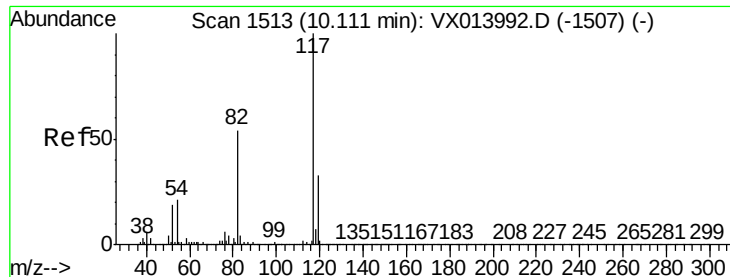
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#56
Bromoform
Concen: 46.687 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.5	59.3
254	11.0	8.2	12.4





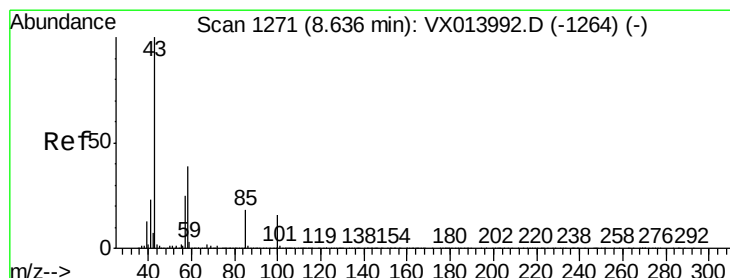
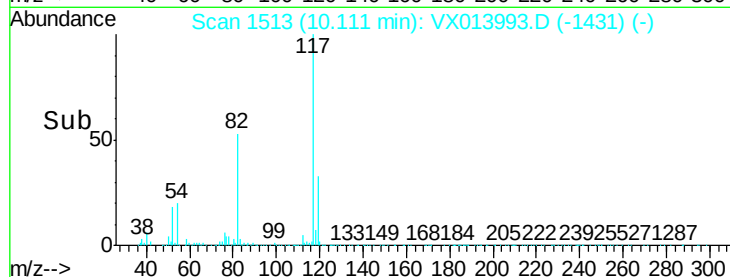
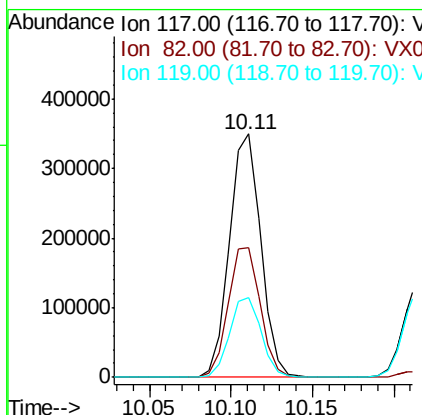
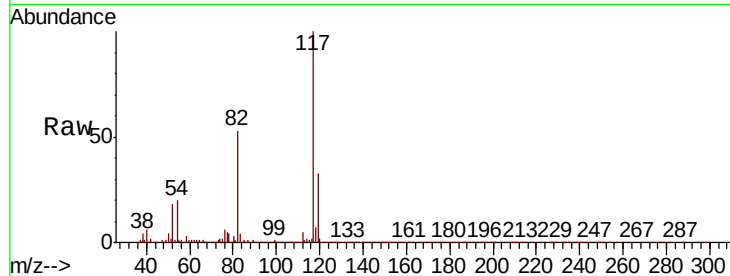
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.8	65.6
119	33.0	25.8	38.6

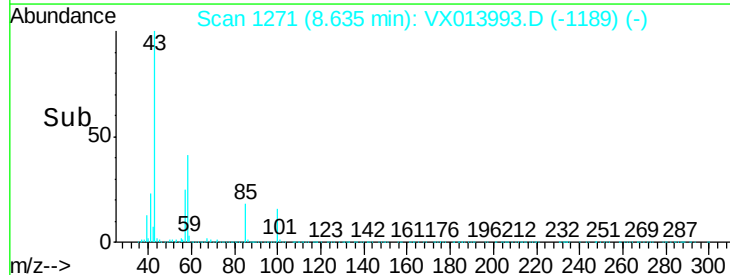
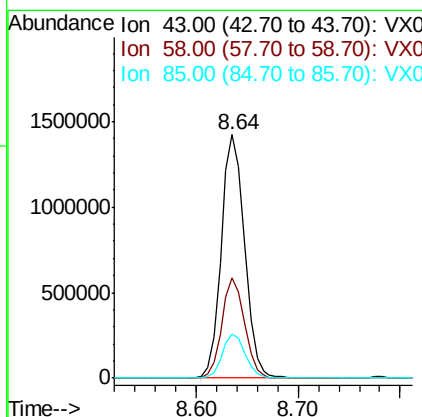
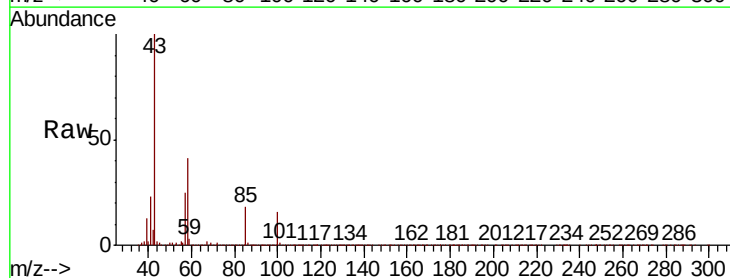
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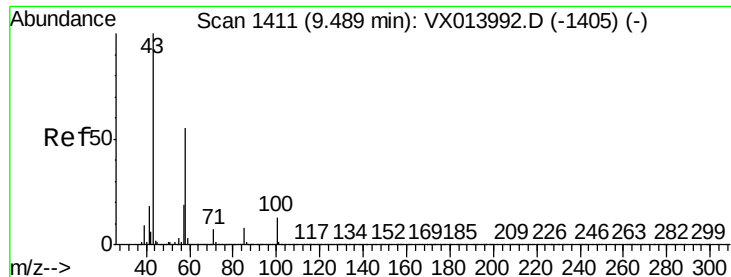
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#58
4-Methyl-2-Pentanone
Concen: 234.715 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.2	46.8
85	17.7	14.2	21.2





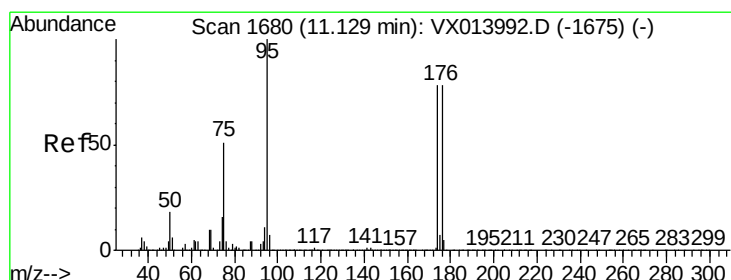
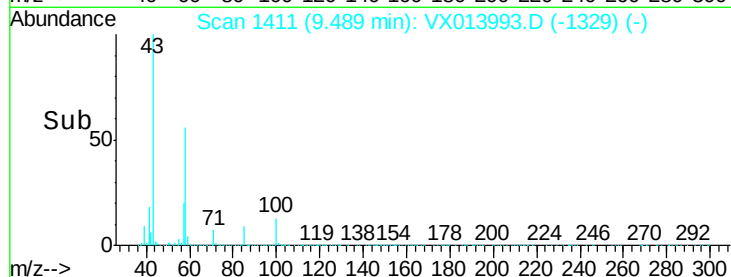
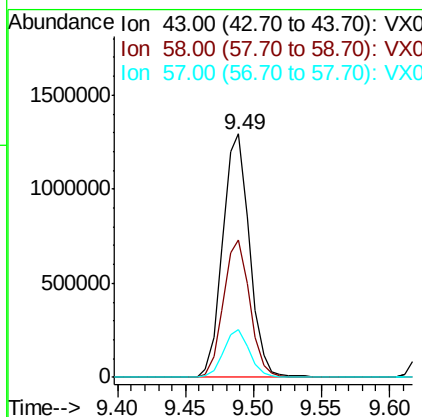
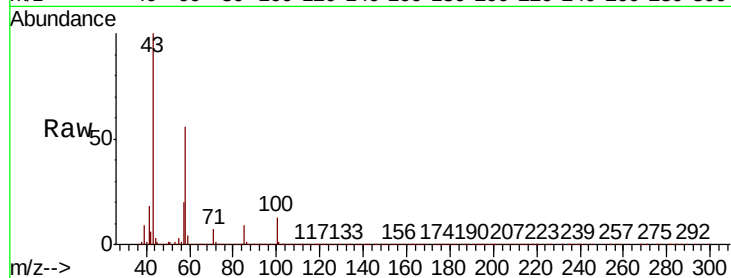
#59
2-Hexanone
Concen: 234.524 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.8	43.8	65.6
57	19.2	15.4	23.0

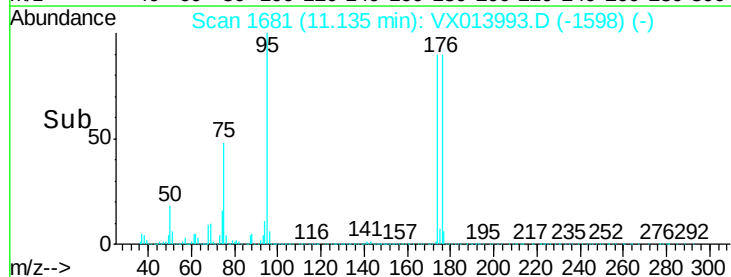
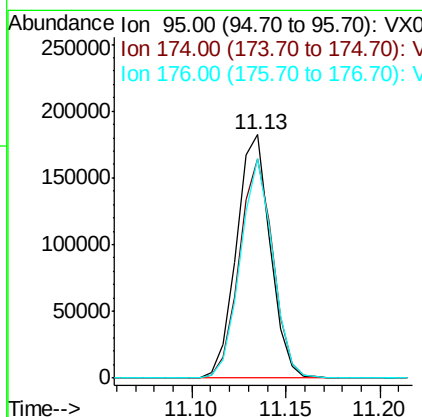
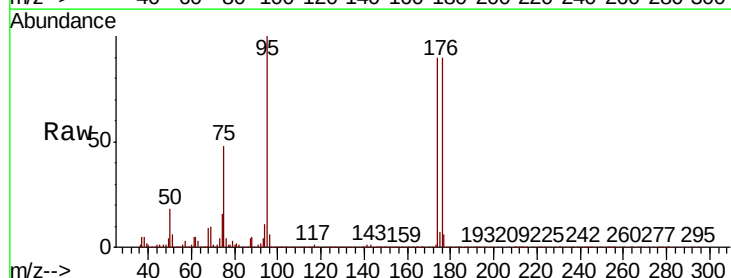
Manual Integrations
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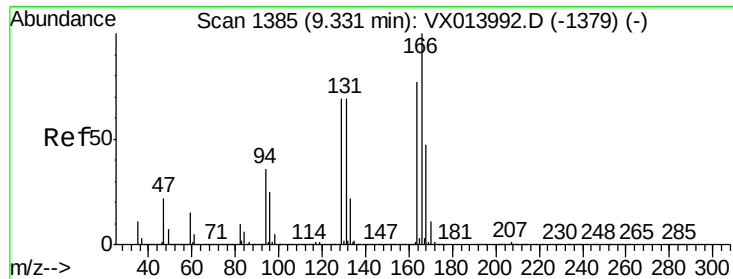
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#60
4-Bromofluorobenzene
Concen: 30.021 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.5	70.2	105.2
176	86.7	68.3	102.5





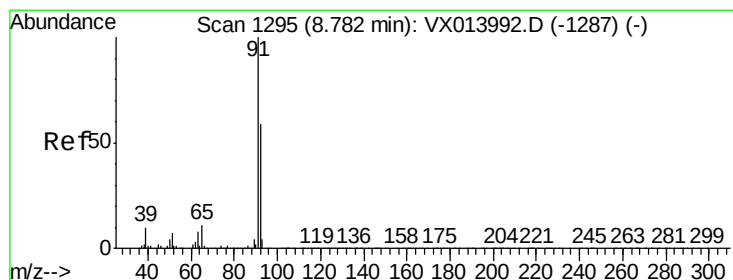
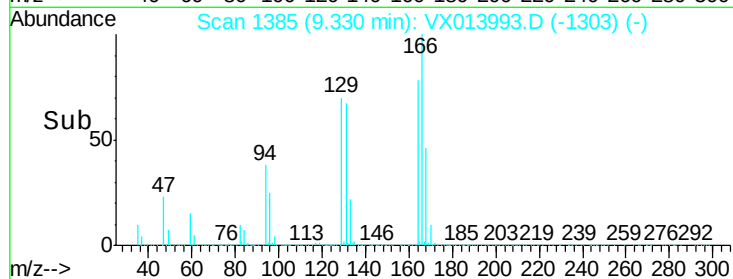
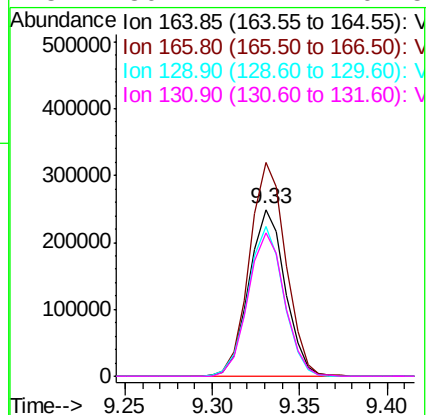
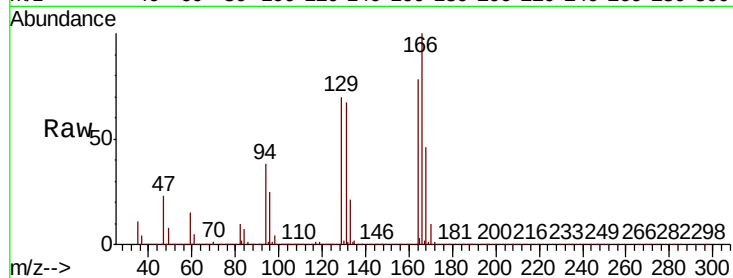
#61
Tetrachloroethene
Concen: 61.202 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.2	104.2	156.2
129	89.9	71.6	107.4
131	86.2	71.7	107.5

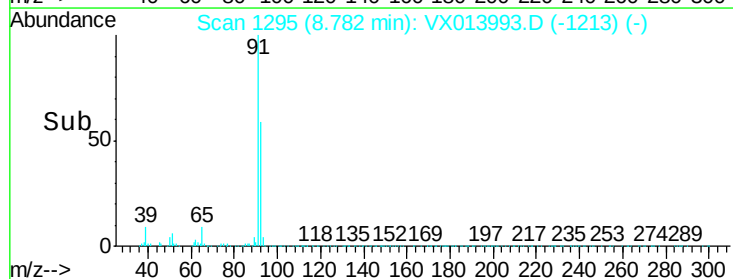
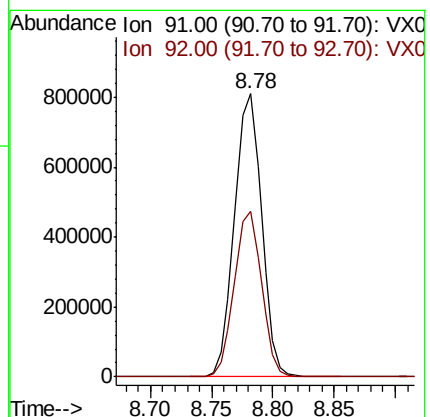
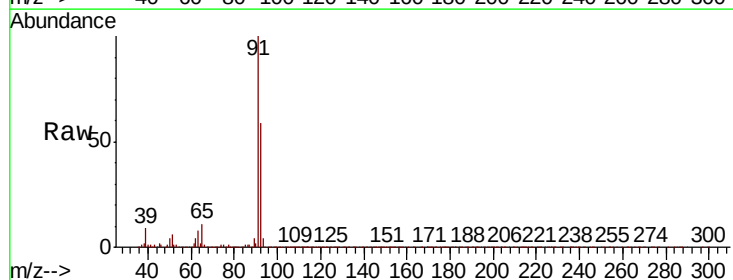
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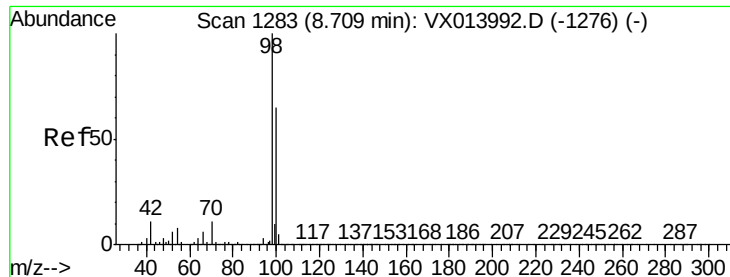
apatel
12/13/2019 11:25:43 AM



#62
Toluene
Concen: 48.079 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.5	46.4	69.6





#63

Toluene-d8

Concen: 29.629 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 98 Resp: 627934

Ion Ratio Lower Upper

98 100

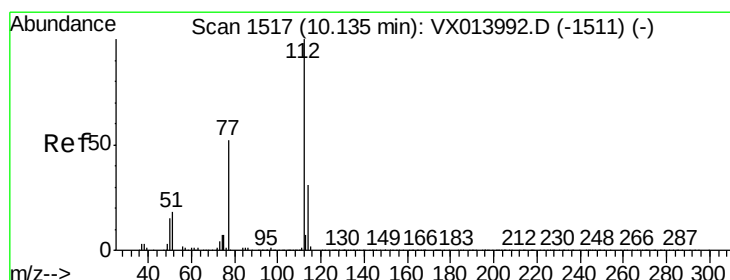
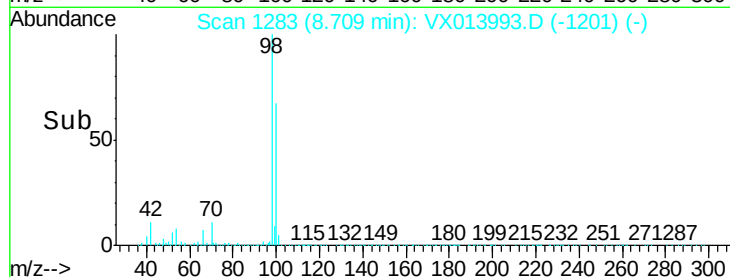
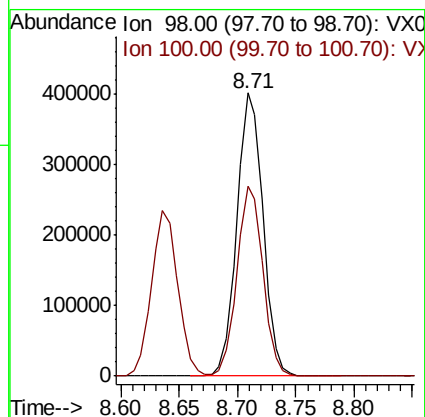
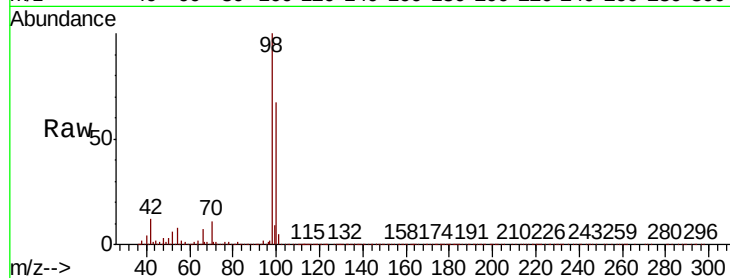
100 66.5 52.2 78.2

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#64

Chlorobenzene

Concen: 47.780 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013993.D

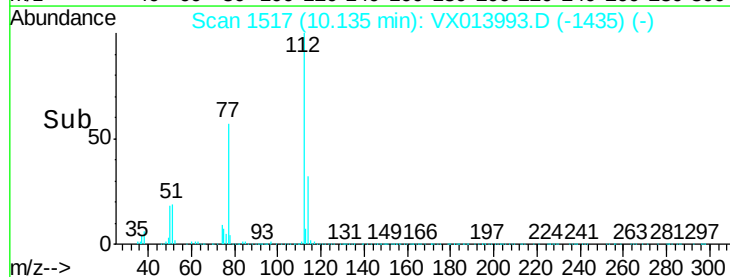
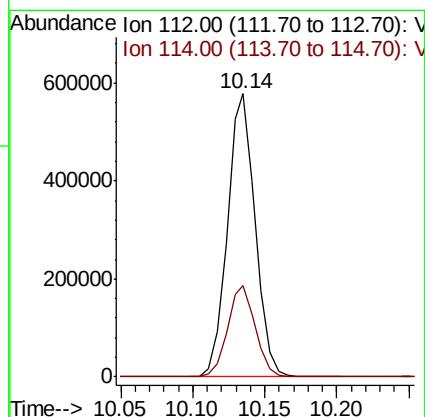
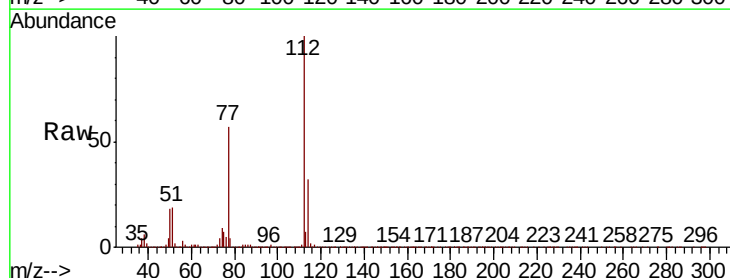
Acq: 12 Dec 2019 23:44

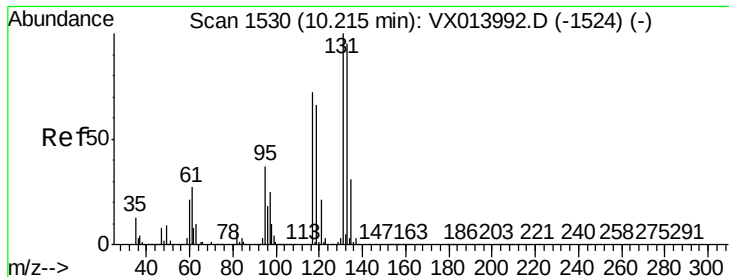
Tgt Ion: 112 Resp: 779531

Ion Ratio Lower Upper

112 100

114 32.5 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 47.302 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

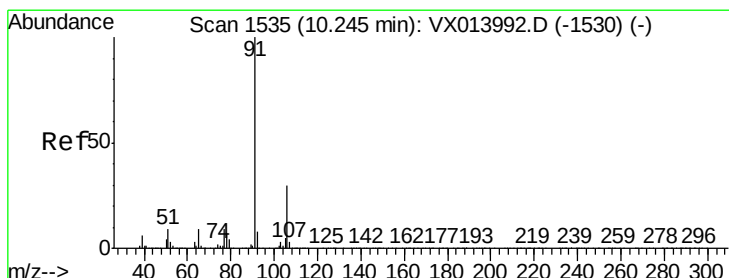
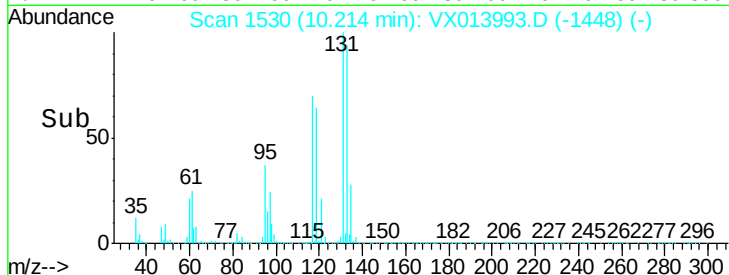
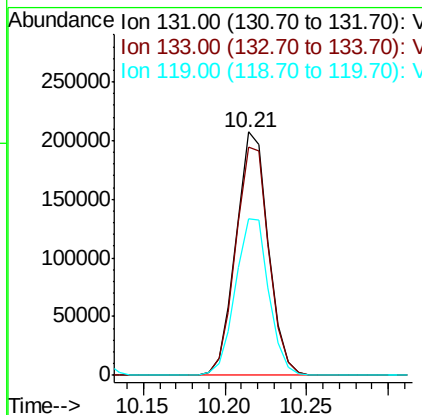
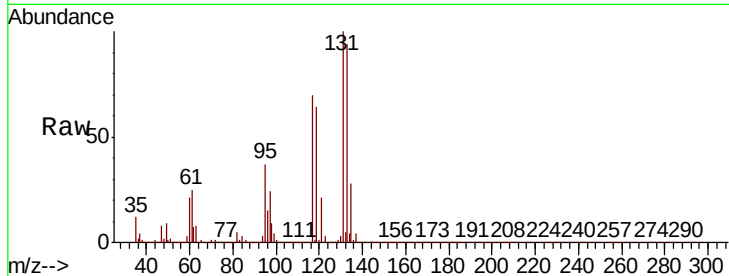
ClientSampleId :

VSTDIC050

Tot Ion:	131	Resp:	286787
Ion Ratio	Lower	Upper	
131	100		
133	96.0	0.0	189.8
119	66.0	0.0	132.2

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#66

Ethyl Benzene

Concen: 48.357 ug/l

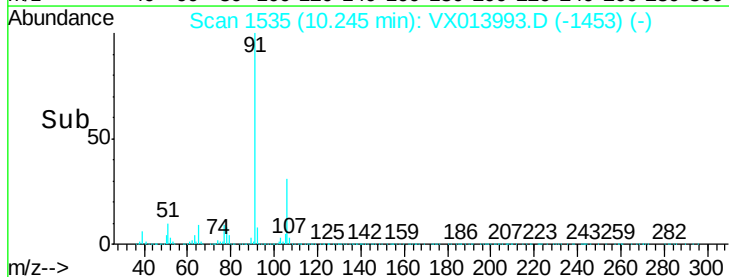
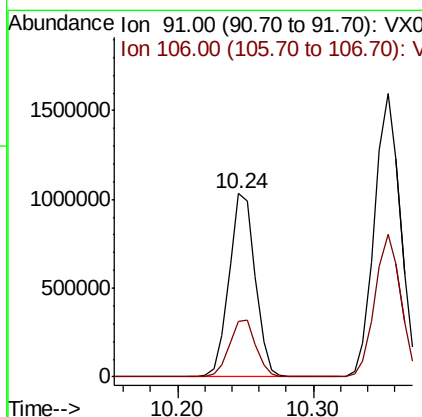
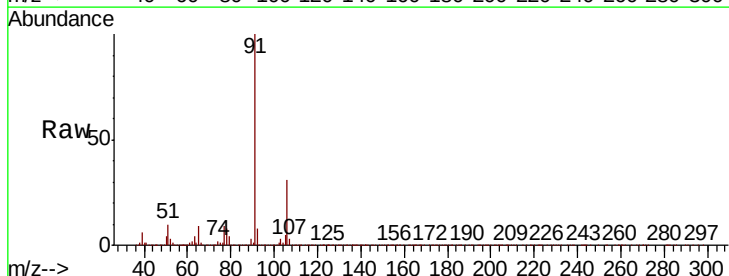
RT: 10.24 min Scan# 1535

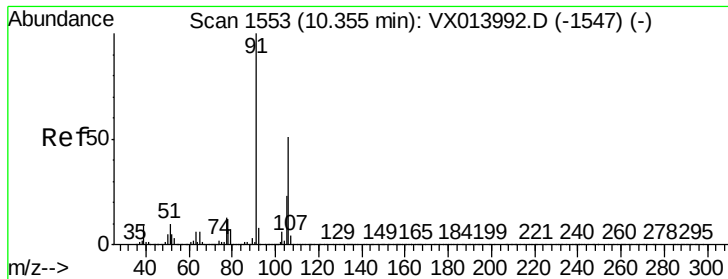
Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Tgt Ion:	91	Resp:	1380590
Ion Ratio	Lower	Upper	
91	100		
106	30.7	24.2	36.2





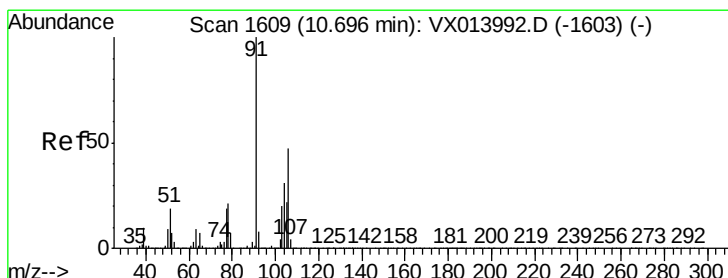
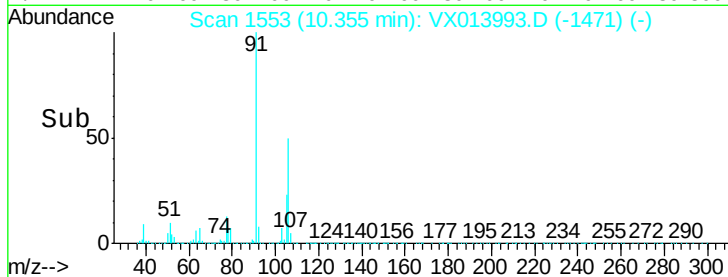
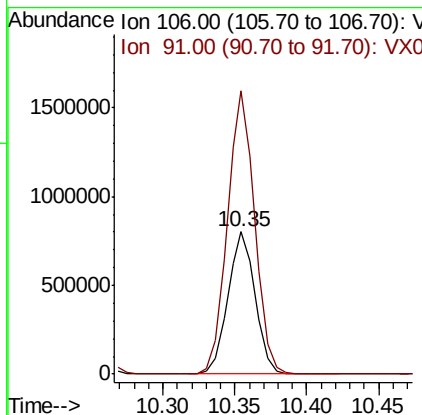
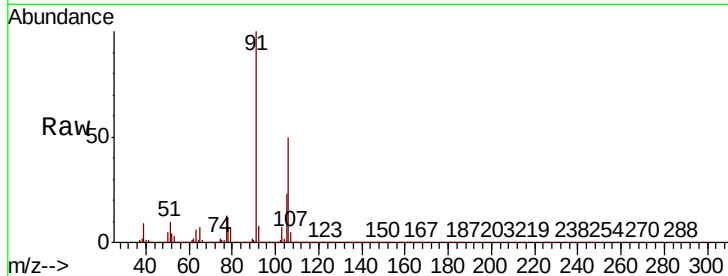
#67
m/p-Xylenes
Concen: 95.973 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion:106 Resp: 1057940
Ion Ratio Lower Upper
106 100
91 200.0 159.3 238.9

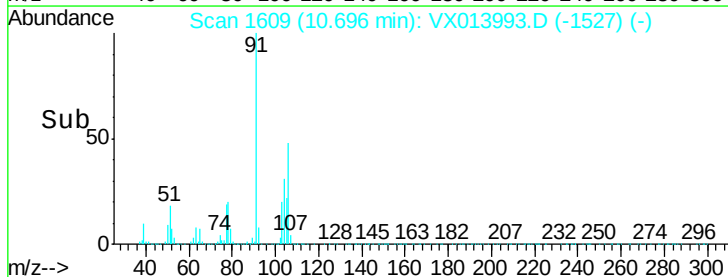
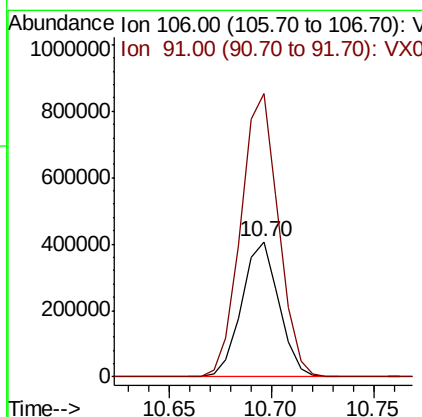
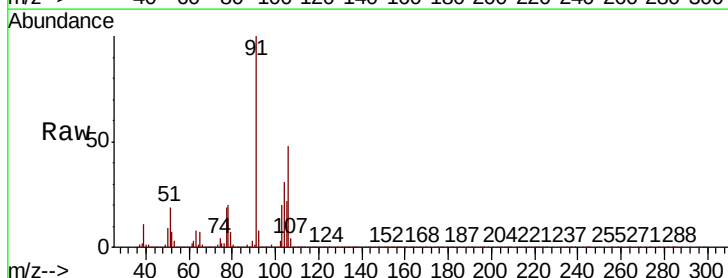
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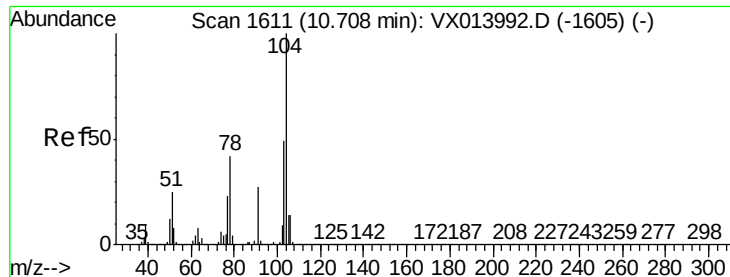
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#68
o-Xylene
Concen: 48.179 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Tgt Ion:106 Resp: 515172
Ion Ratio Lower Upper
106 100
91 211.2 104.8 314.6





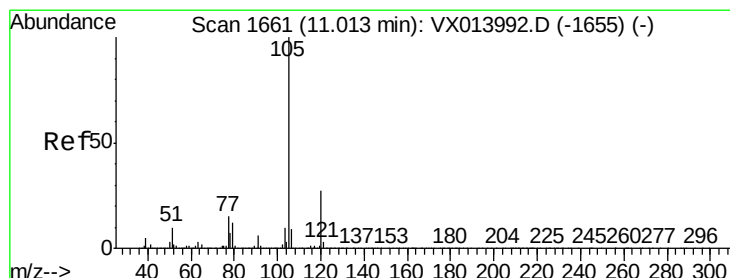
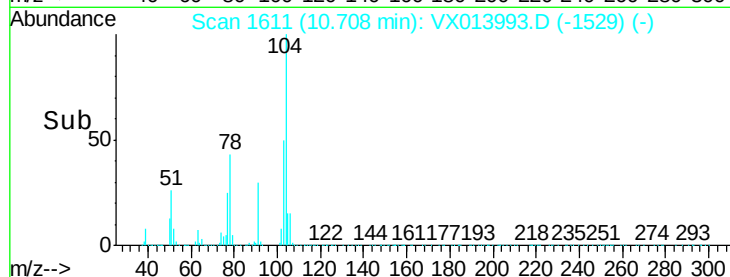
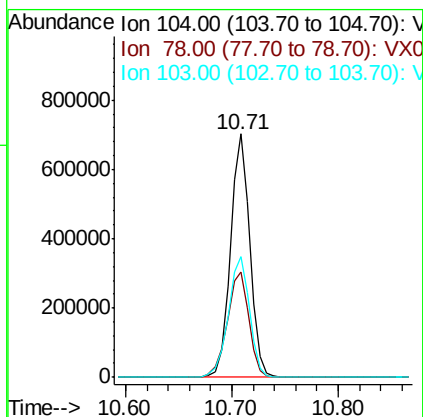
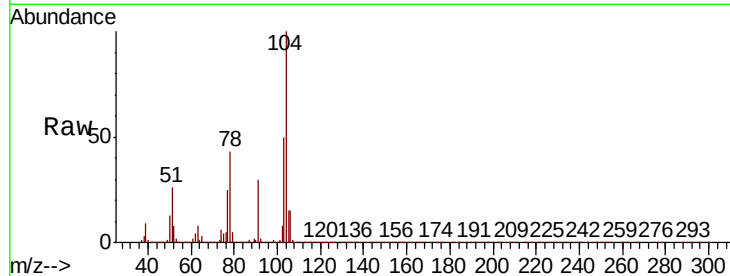
#69
Stvrene
Concen: 49.082 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.9	58.3
103	54.3	44.2	66.2

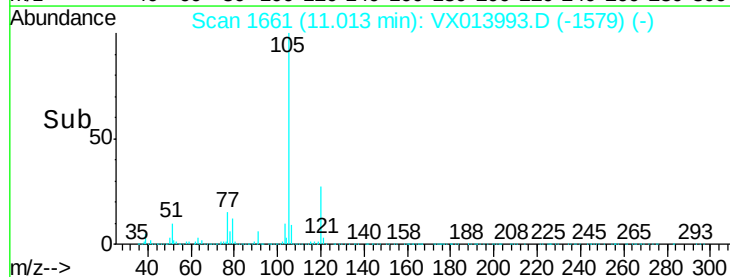
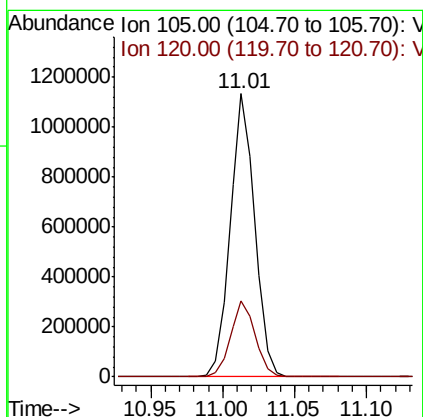
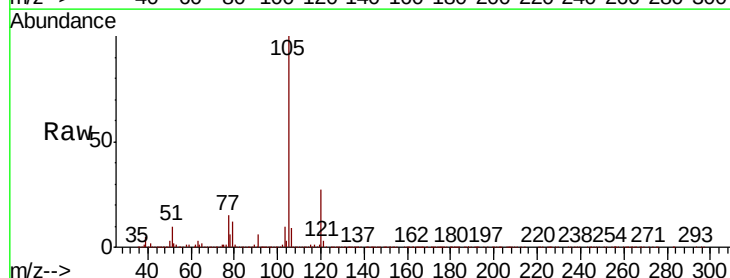
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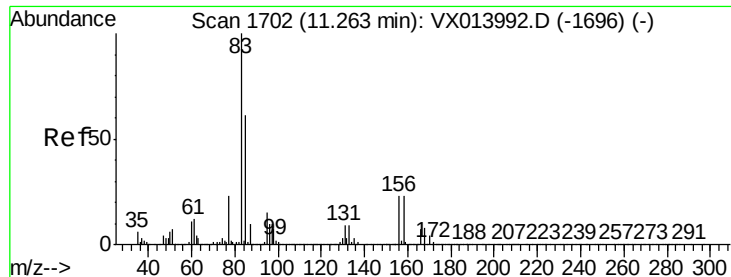
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#70
Isopropylbenzene
Concen: 48.287 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 45.924 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

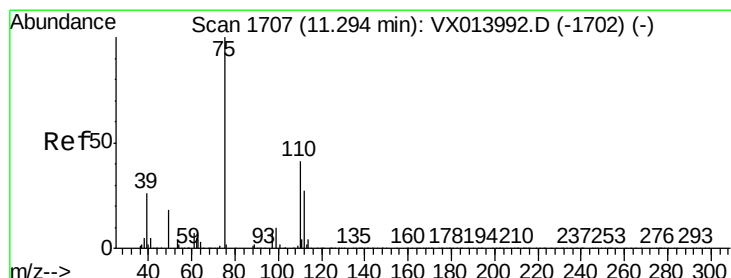
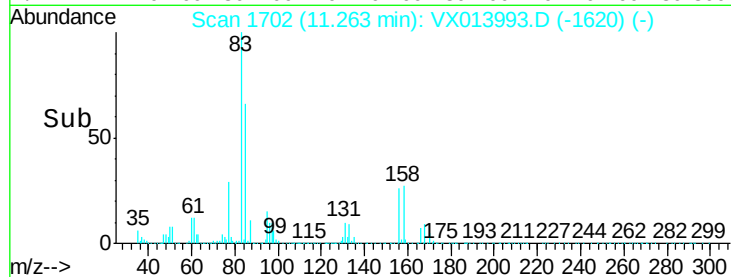
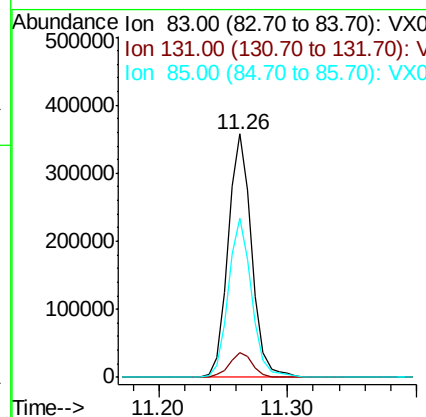
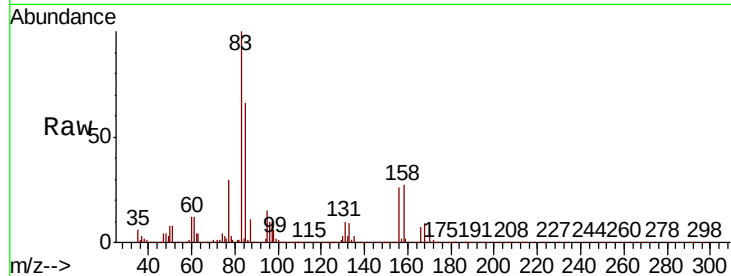
ClientSampleId :

VSTDIC050

Tot Ion:	83	Resp:	459606
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.9	14.7
85	64.7	31.6	94.7

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#72

1,2,3-Trichloropropane

Concen: 49.395 ug/l m

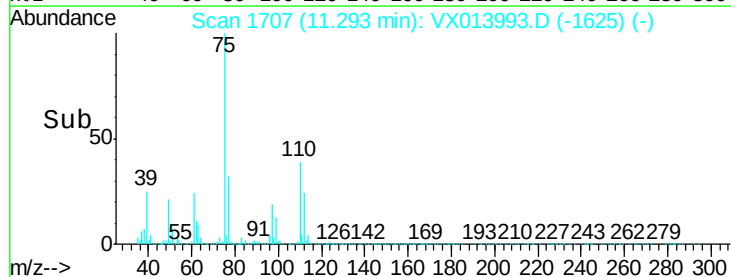
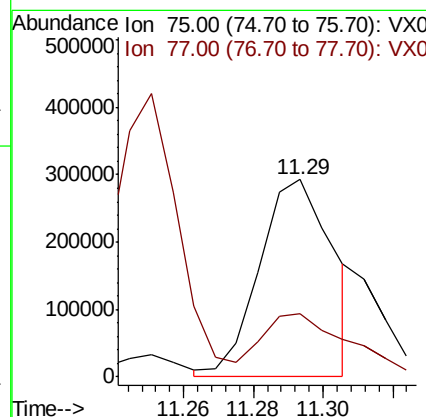
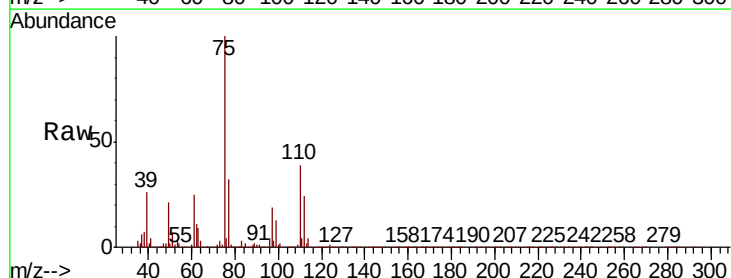
RT: 11.29 min Scan# 1707

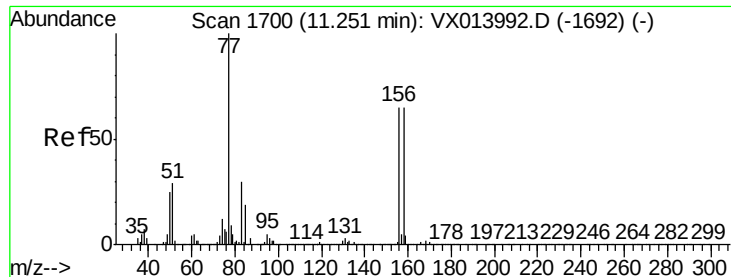
Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Tgt Ion:	75	Resp:	427926
Ion Ratio	Lower	Upper	
75	100		
77	38.1	0.0	68.4





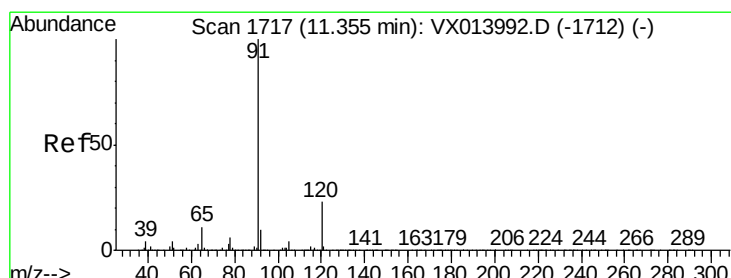
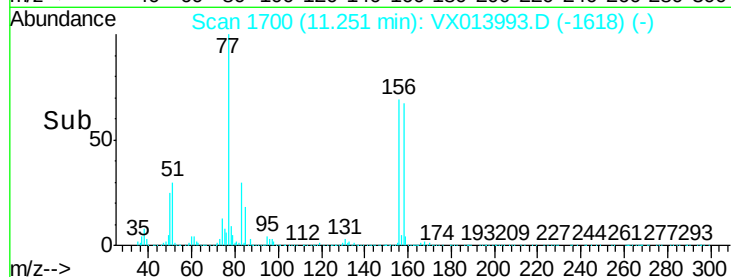
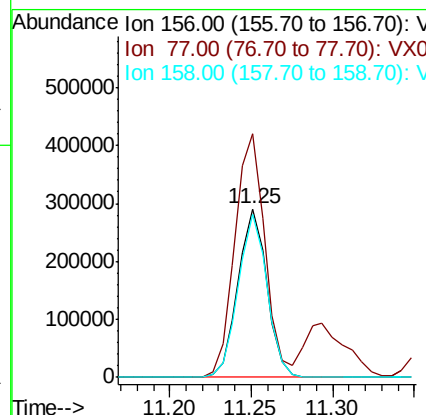
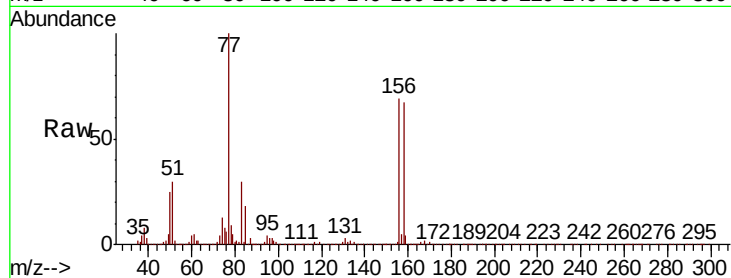
#73
Bromobenzene
Concen: 48.278 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	151.2	0.0	304.6
158	96.9	0.0	195.2

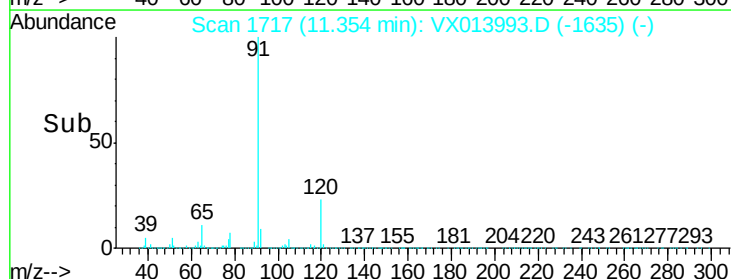
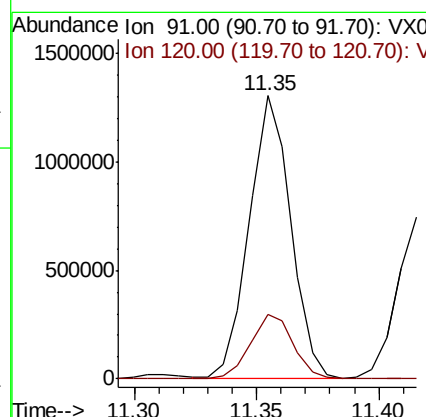
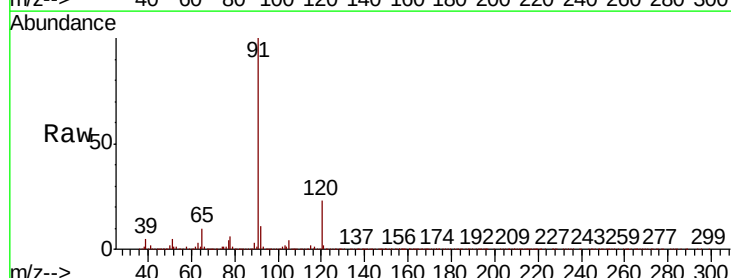
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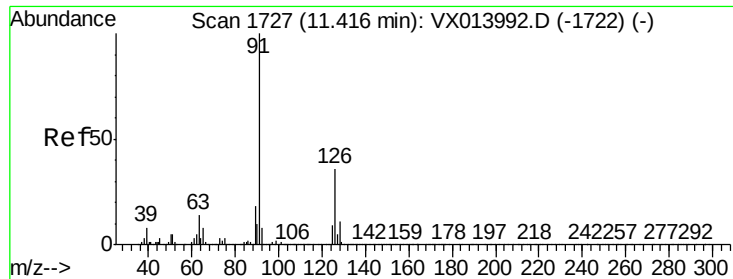
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#74
n-propylbenzene
Concen: 48.615 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	0.0	44.8





#75

2-Chlorotoluene

Concen: 48.040 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 91 Resp: 912217

Ion Ratio Lower Upper

91 100

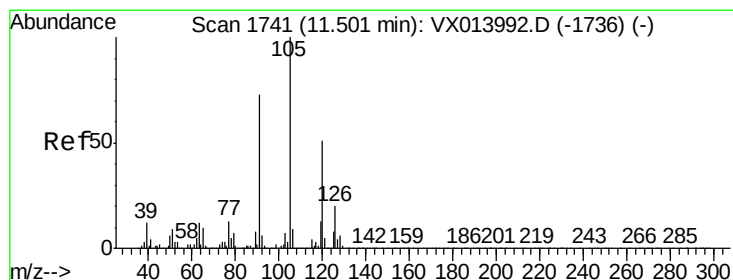
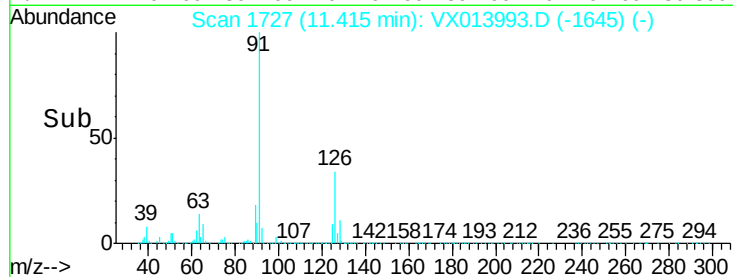
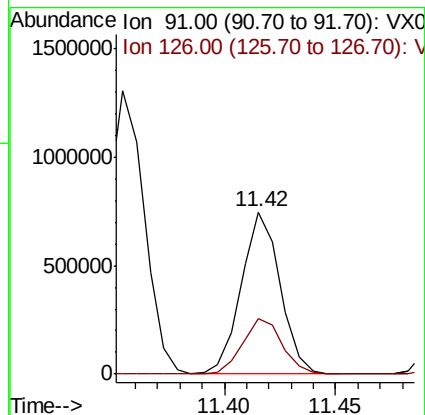
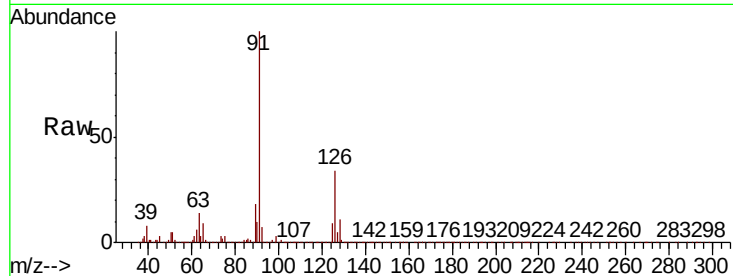
126 35.0 0.0 70.8

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#76

1,3,5-Trimethylbenzene

Concen: 48.317 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013993.D

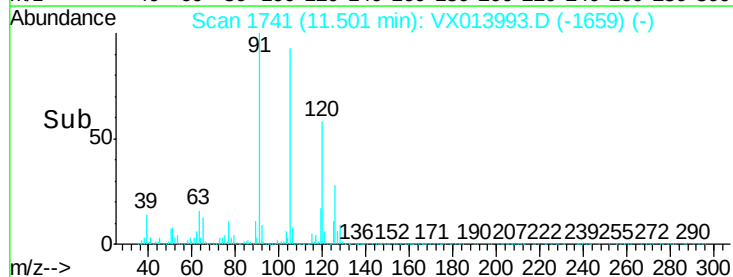
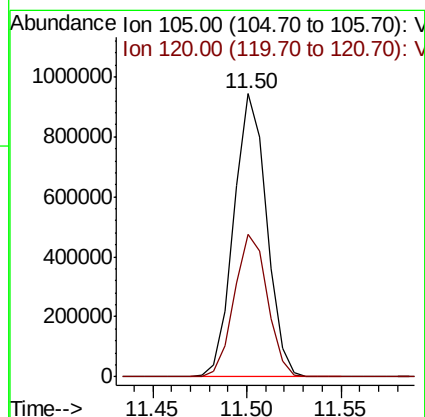
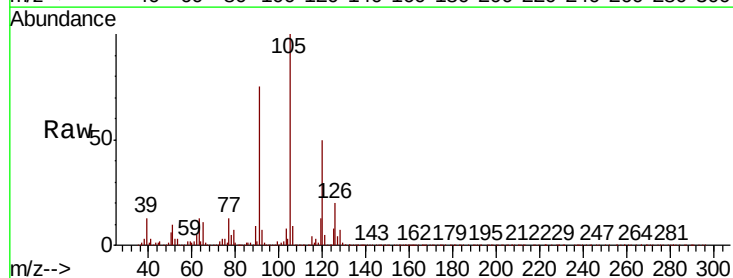
Acq: 12 Dec 2019 23:44

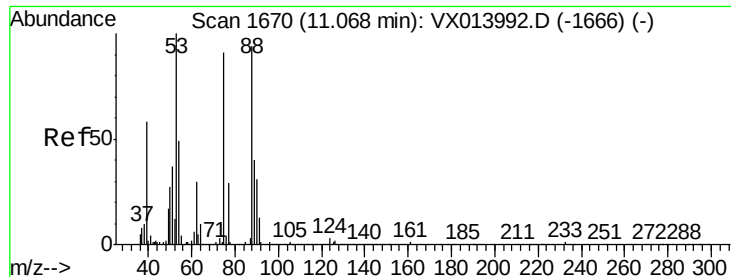
Tgt Ion: 105 Resp: 1138692

Ion Ratio Lower Upper

105 100

120 50.9 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 45.111 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 75 Resp: 149195

Ion Ratio Lower Upper

75 100

53 91.4 54.4 163.1

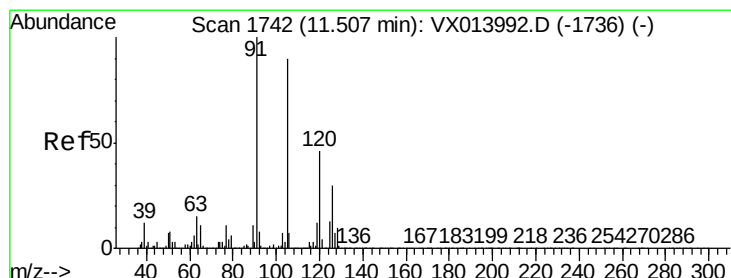
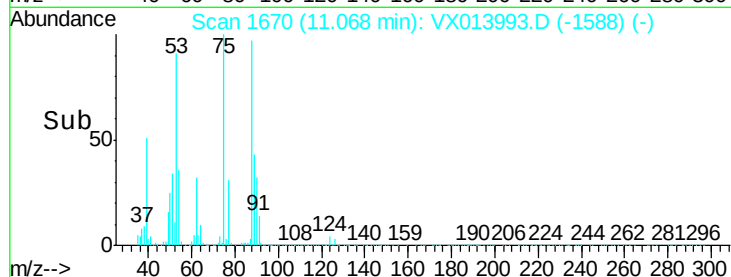
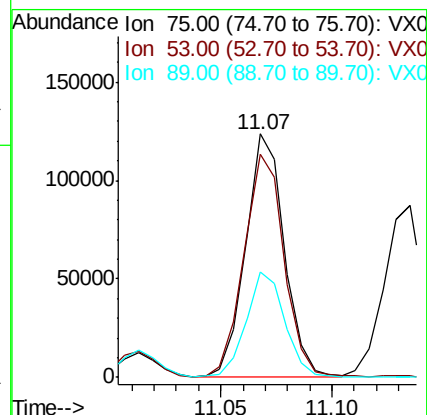
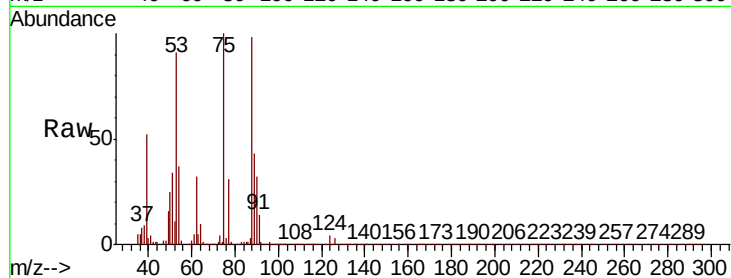
89 43.2 21.9 65.5

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#78

4-Chlorotoluene

Concen: 48.283 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013993.D

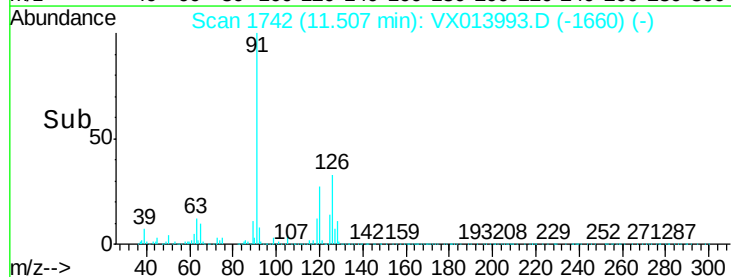
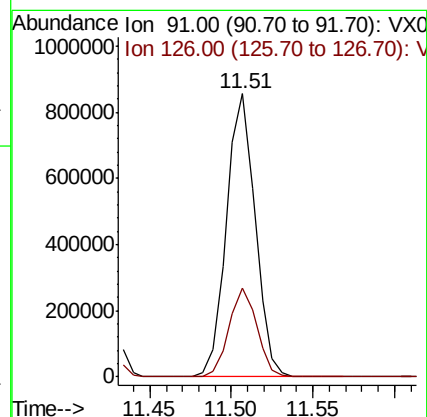
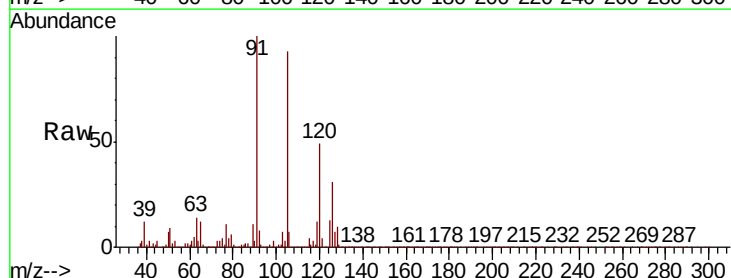
Acq: 12 Dec 2019 23:44

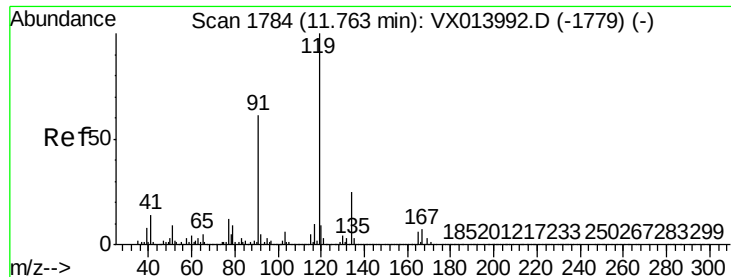
Tgt Ion: 91 Resp: 1051008

Ion Ratio Lower Upper

91 100

126 30.7 0.0 59.6





#79

tert-butylbenzene

Concen: 44.066 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:119 Resp: 1038982

Ion Ratio Lower Upper

119 100

91 60.3 0.0 112.6

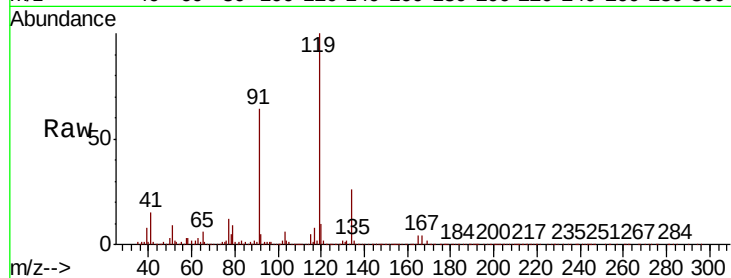
134 25.6 0.0 49.8

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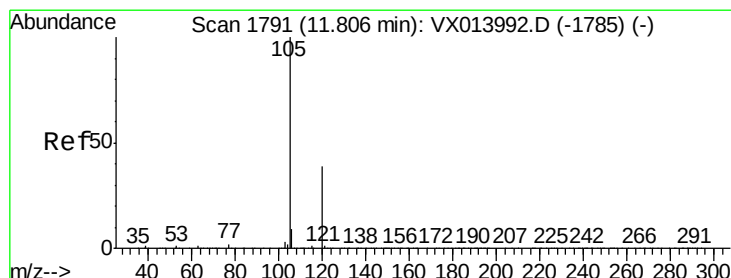
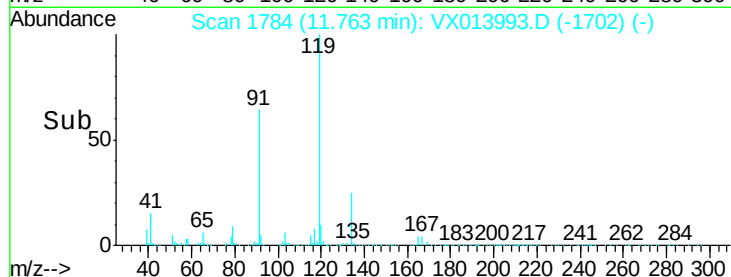
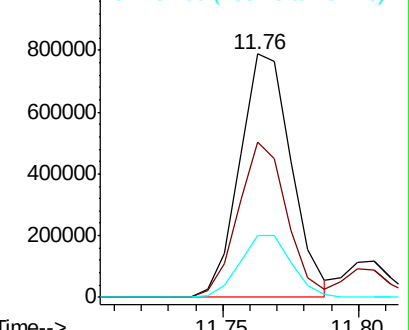
12/13/2019 11:25:43 AM



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 48.611 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX013993.D

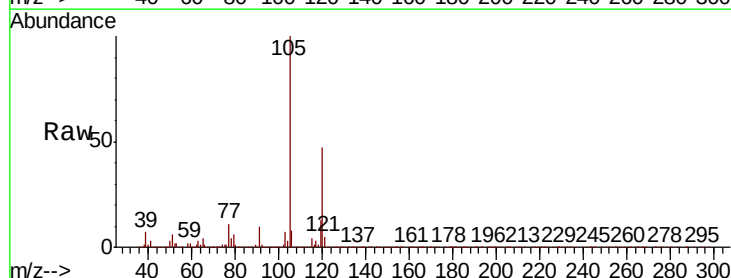
Acq: 12 Dec 2019 23:44

Tgt Ion:105 Resp: 1143828

Ion Ratio Lower Upper

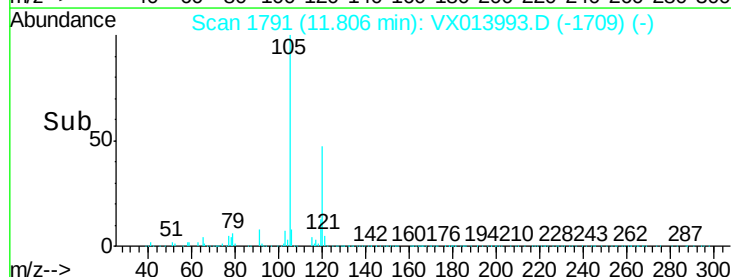
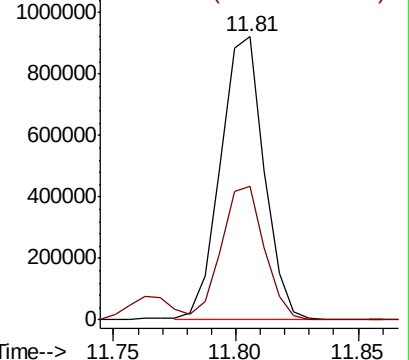
105 100

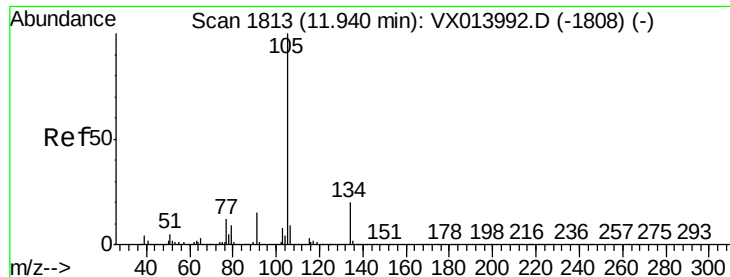
120 46.4 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





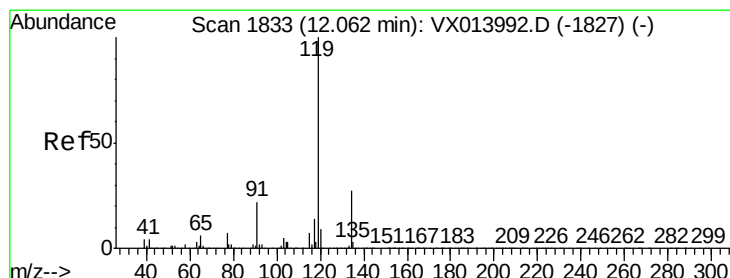
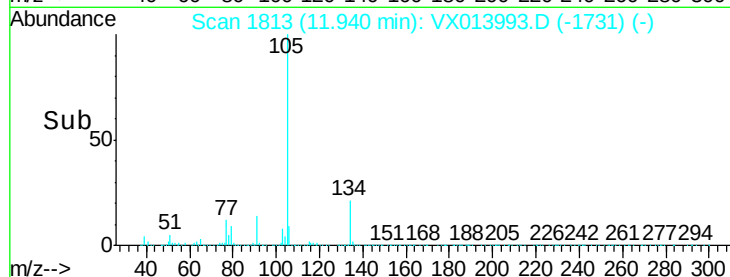
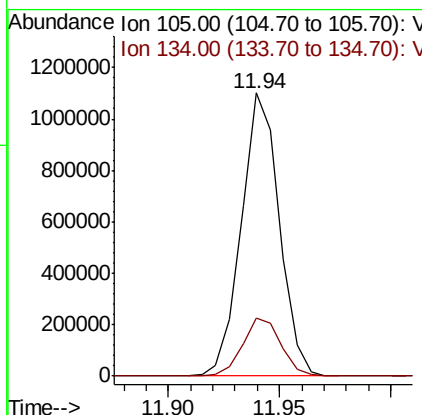
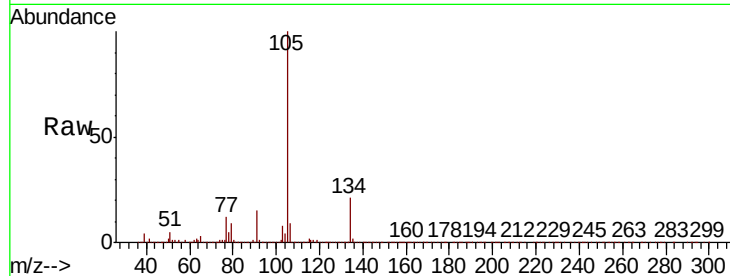
#81
 sec-Butylbenzene
 Concen: 48.439 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013993.D
 Acq: 12 Dec 2019 23:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion:105 Resp: 1313313
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 40.2

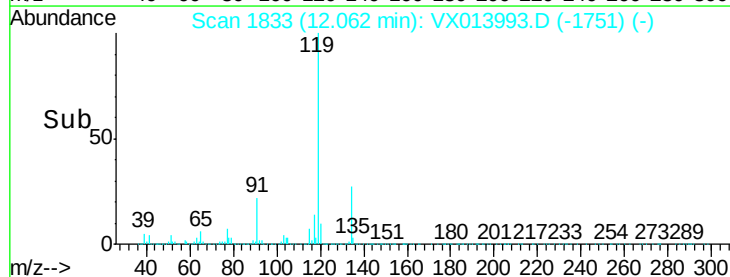
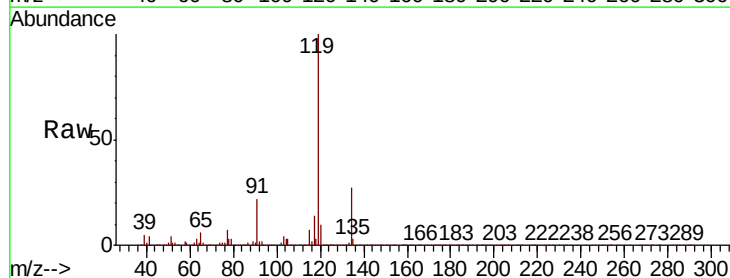
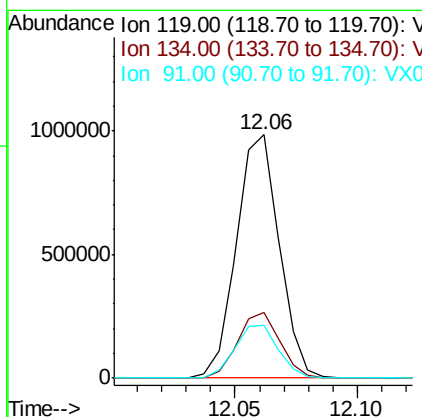
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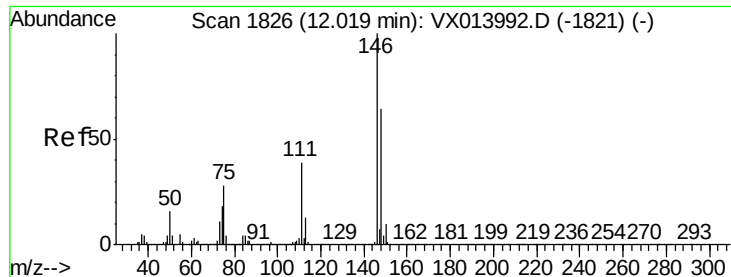
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#82
 p-Isopropyltoluene
 Concen: 48.165 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013993.D
 Acq: 12 Dec 2019 23:44

Tgt Ion:119 Resp: 1196816
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 53.8
 91 22.3 0.0 45.0





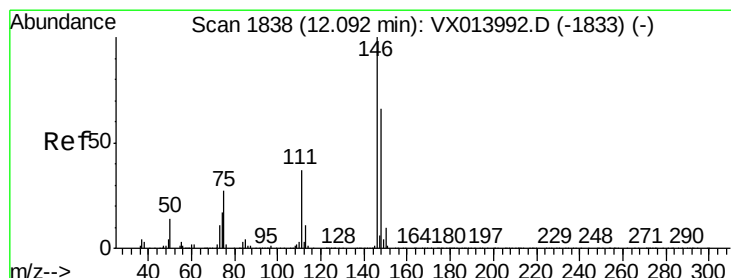
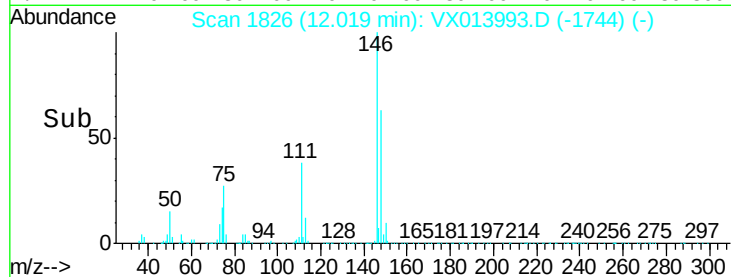
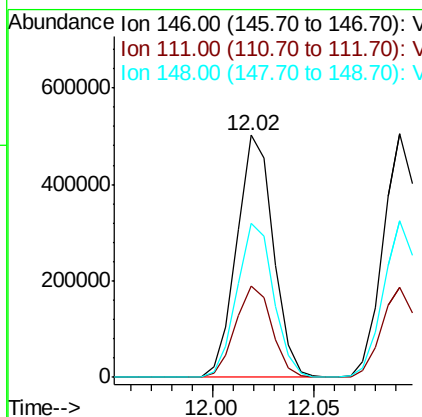
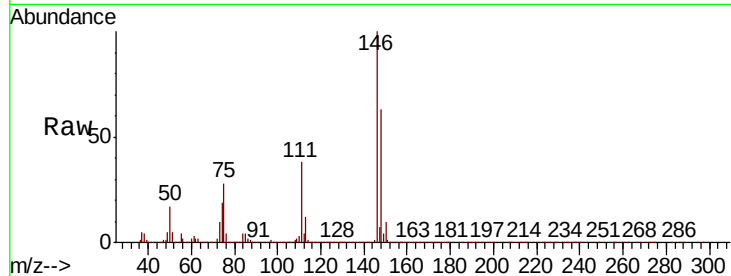
#83
 1,3-Dichlorobenzene
 Concen: 47.830 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013993.D
 Acq: 12 Dec 2019 23:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.3	57.9
148	63.8	32.2	96.6

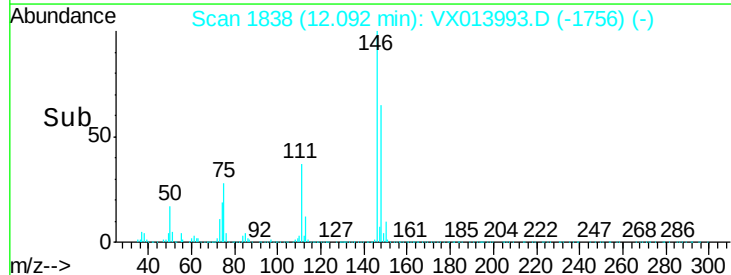
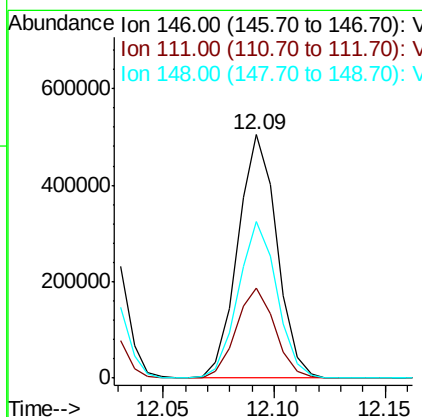
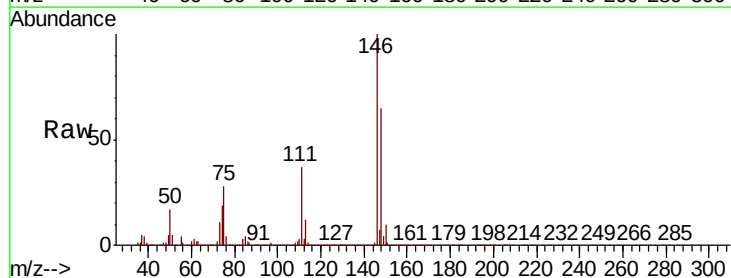
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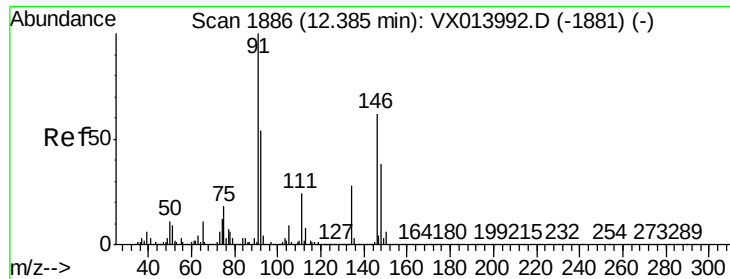
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#84
 1,4-Dichlorobenzene
 Concen: 47.505 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013993.D
 Acq: 12 Dec 2019 23:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.4
148	64.0	32.0	96.0





#85

n-Butylbenzene

Concen: 47.562 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

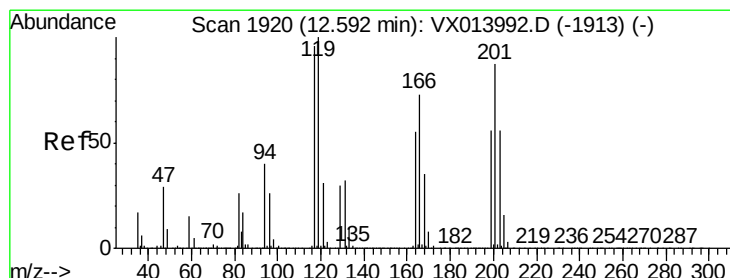
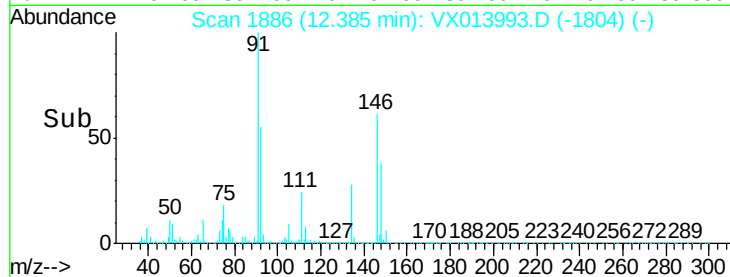
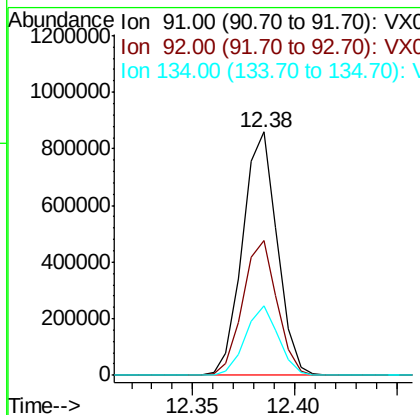
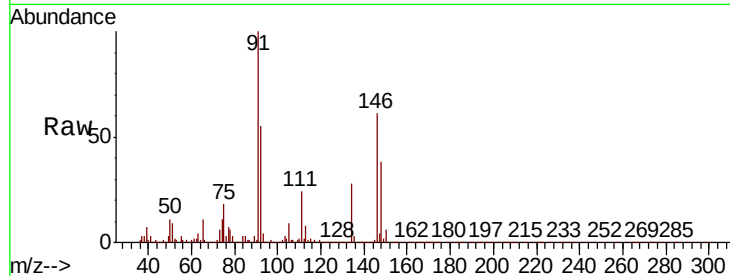
ClientSampleId :

VSTDIC050

Tot Ion	91	Resp	1013131
Ion	Ratio	Lower	Upper
91	100		
92	55.2	0.0	109.0
134	27.2	0.0	54.0

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#86

Hexachloroethane

Concen: 46.734 ug/l

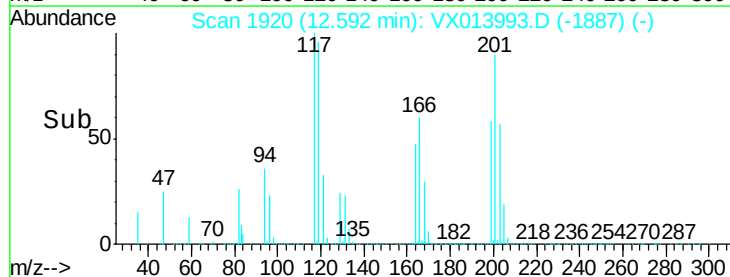
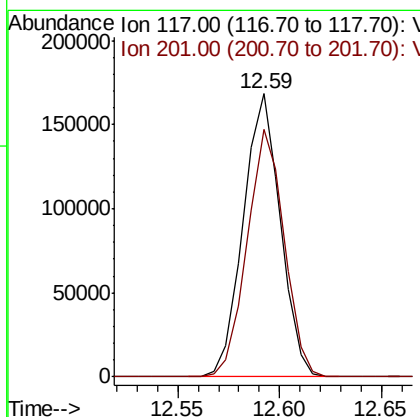
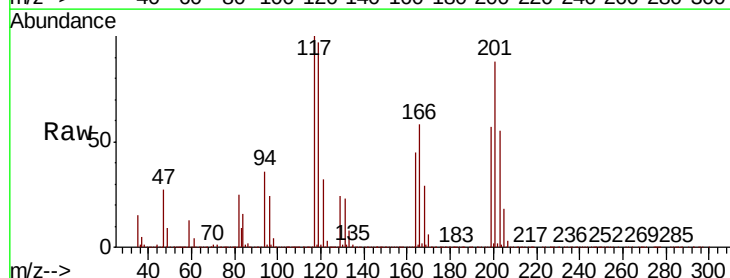
RT: 12.59 min Scan# 1920

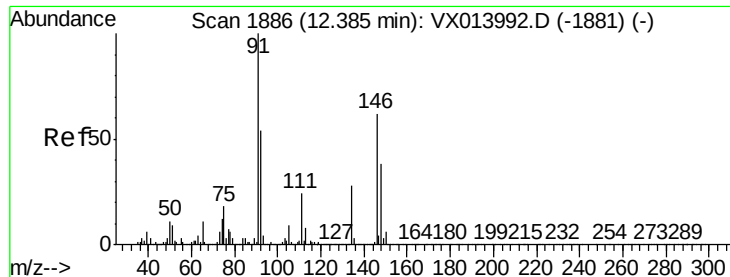
Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Tgt Ion	117	Resp	211971
Ion	Ratio	Lower	Upper
117	100		
201	87.8	44.8	134.3





#87

1,2-Dichlorobenzene

Concen: 48.682 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

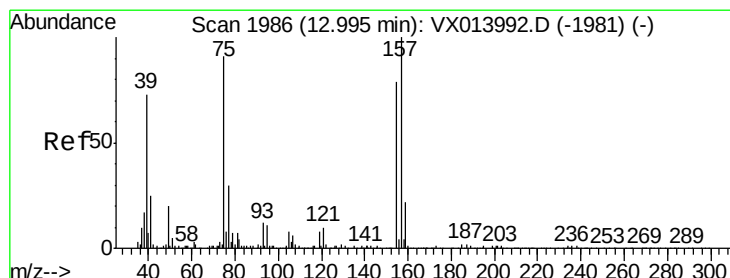
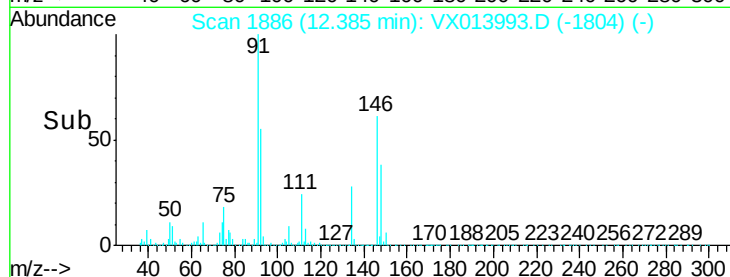
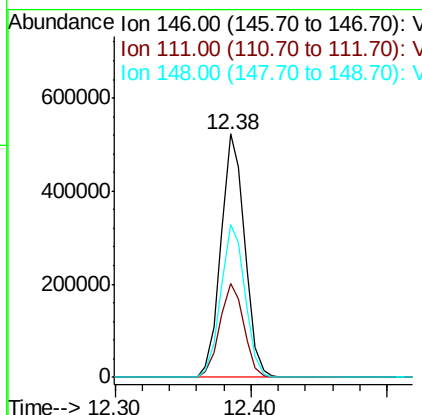
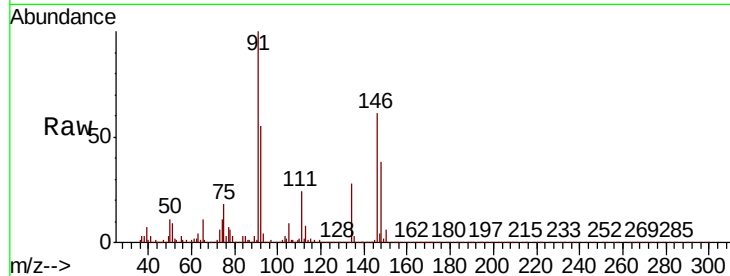
Instrument :
MSVOA_X

ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.1	60.2
148	63.5	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 44.282 ug/l

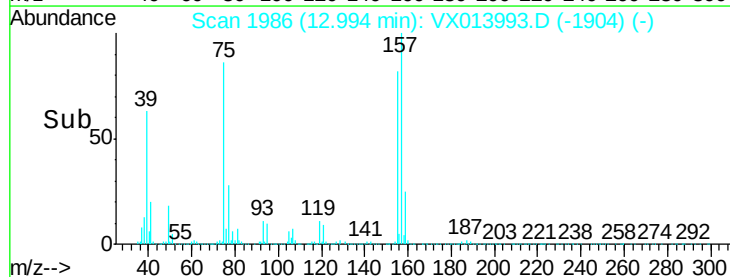
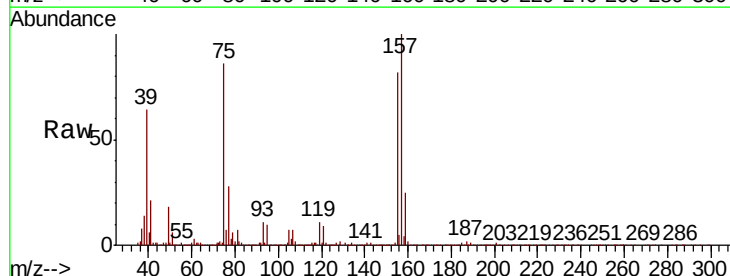
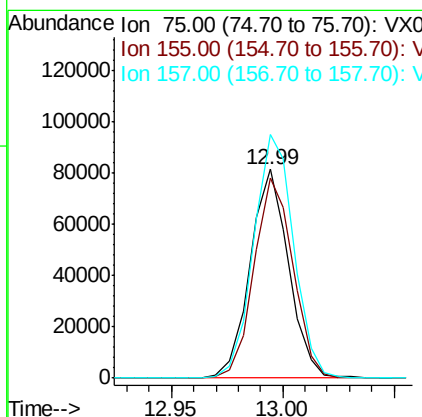
RT: 12.99 min Scan# 1886

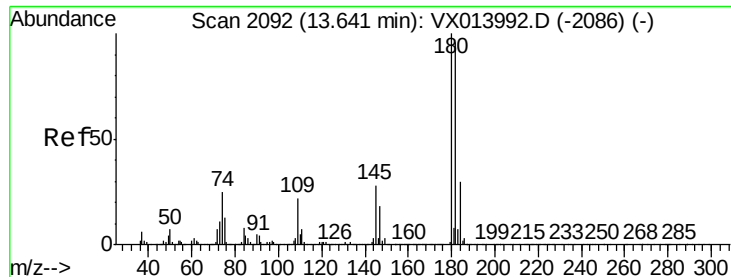
Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.7	73.8	110.6
157	121.4	95.0	142.4





#89

1,2,4-Trichlorobenzene

Concen: 46.813 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Instrument :

MSVOA_X

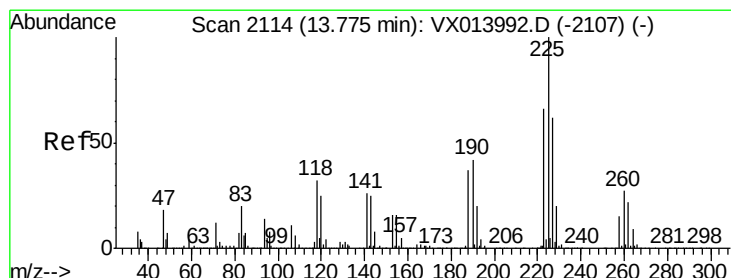
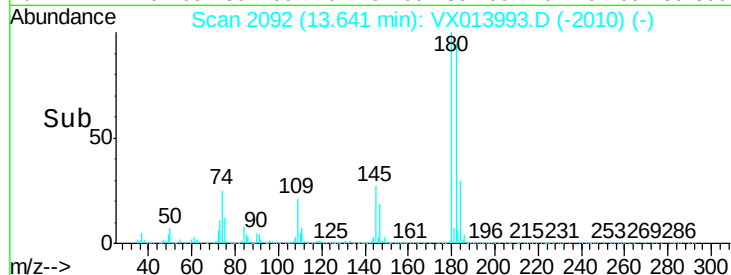
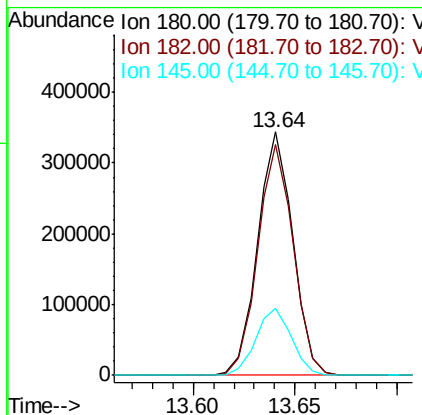
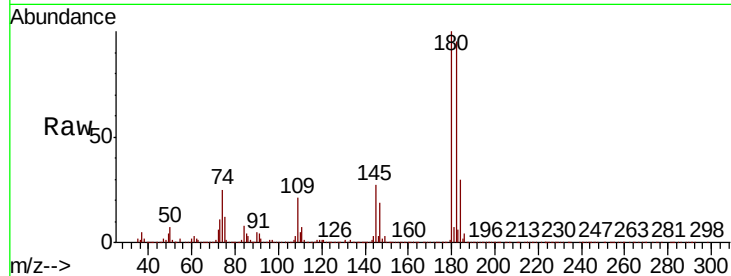
ClientSampleId :

VSTDIC050

Tot Ion:	180	Resp:	412790
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.4	114.6
145	28.0	21.9	32.9

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#90

Hexachlorobutadiene

Concen: 45.820 ug/l

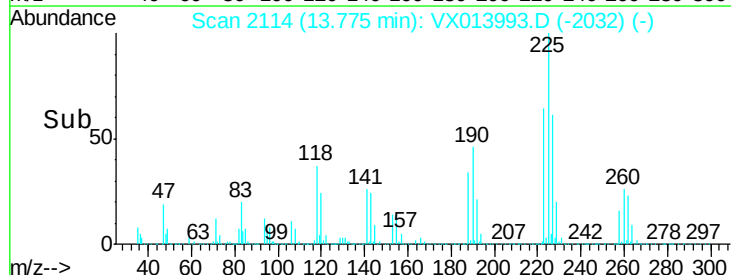
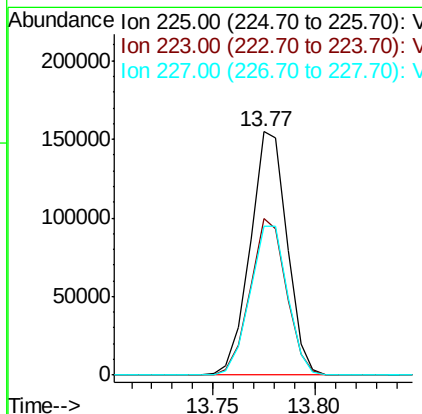
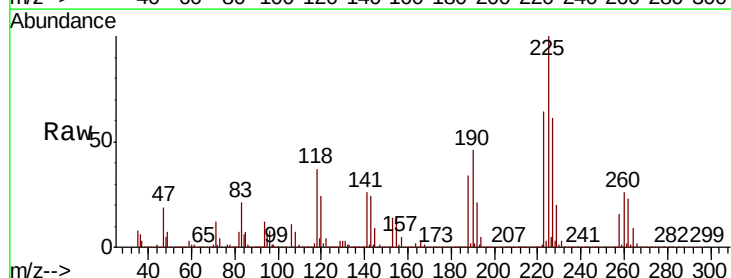
RT: 13.77 min Scan# 2114

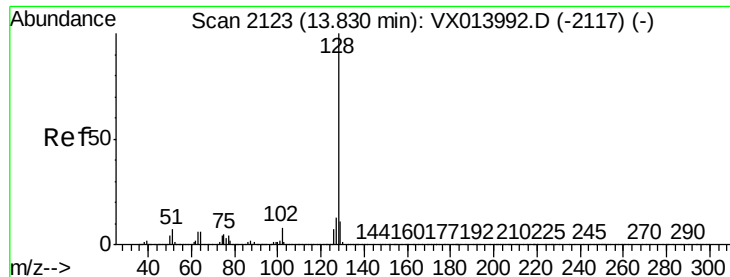
Delta R.T. -0.00 min

Lab File: VX013993.D

Acq: 12 Dec 2019 23:44

Tgt Ion:	225	Resp:	194468
Ion Ratio	Lower	Upper	
225	100		
223	63.4	0.0	127.4
227	62.5	0.0	122.8





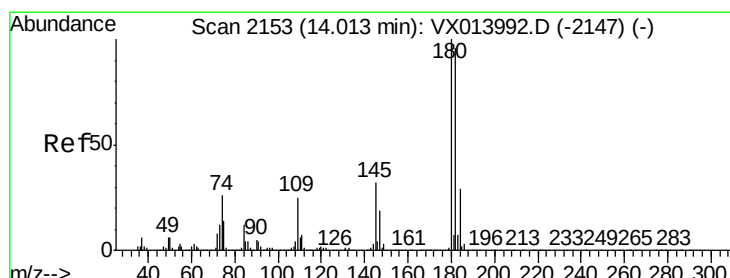
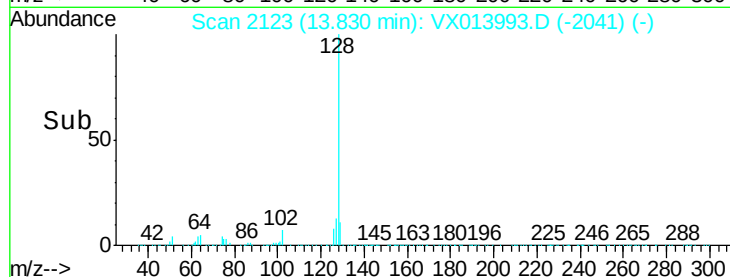
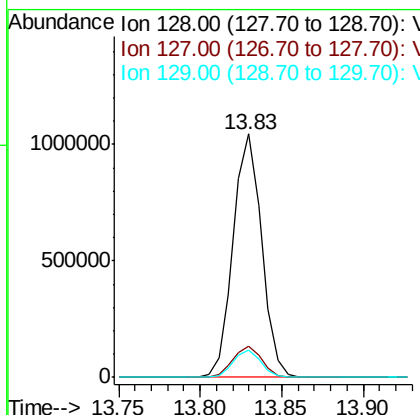
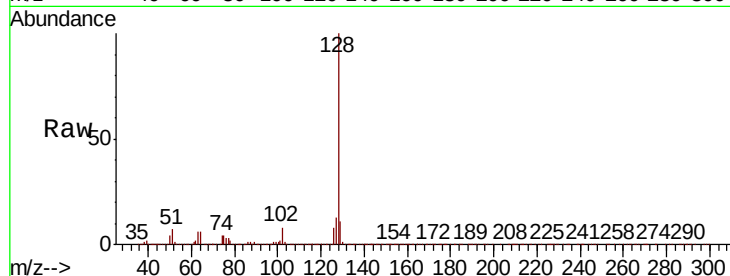
#91
Naphthalene
Concen: 46.058 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 47.039 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013993.D
Acq: 12 Dec 2019 23:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	0.0	192.8
145	29.6	0.0	60.0

