

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013599.D
 Acq On : 26 Nov 2019 14:18
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
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Quant Time: Nov 26 15:17:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	671513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1025127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	915851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	448927	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	152193	19.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.74%	
35) Dibromofluoromethane	5.48	113	127106	20.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.04%	
50) Toluene-d8	8.71	98	491126	20.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.96%	
62) 4-Bromofluorobenzene	11.14	95	171597	19.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	162518	21.238	ug/l	97
3) Chloromethane	1.32	50	180998	21.726	ug/l	99
4) Vinyl Chloride	1.40	62	205141	21.672	ug/l	98
5) Bromomethane	1.63	94	120565	18.567	ug/l	100
6) Chloroethane	1.72	64	112249	18.646	ug/l	97
7) Trichlorofluoromethane	1.92	101	216636	19.547	ug/l	99
8) Diethyl Ether	2.18	74	99207	20.176	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	132805	21.195	ug/l	99
10) Methyl Iodide	2.50	142	149872	19.267	ug/l	99
11) Tert butyl alcohol	3.03	59	182955	88.800	ug/l	97
12) 1,1-Dichloroethene	2.37	96	134182	21.833	ug/l	93
13) Acrolein	2.28	56	135387	117.080	ug/l	96
14) Allyl chloride	2.72	41	237135	21.174	ug/l	98
15) Acrylonitrile	3.13	53	403166	103.901	ug/l	99
16) Acetone	2.43	43	412640	105.351	ug/l	99
17) Carbon Disulfide	2.56	76	362478	21.893	ug/l	99
18) Methyl Acetate	2.76	43	231005	21.268	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	444837	21.775	ug/l	100
20) Methylene Chloride	2.84	84	150714	20.631	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	141896	21.209	ug/l	99
22) Diisopropyl ether	3.84	45	475896	22.120	ug/l	94
23) Vinyl Acetate	3.80	43	1953405	106.450	ug/l	98
24) 1,1-Dichloroethane	3.69	63	256911	21.340	ug/l	98
25) 2-Butanone	4.65	43	603269	104.809	ug/l	99
26) 2,2-Dichloropropane	4.58	77	207077	21.533	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	161509	21.533	ug/l	99
28) Bromochloromethane	5.00	49	103161	28.235	ug/l	99
29) Tetrahydrofuran	5.11	42	372598	105.289	ug/l	99
30) Chloroform	5.20	83	253347	21.339	ug/l	96
31) Cyclohexane	5.57	56	233919	21.423	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	213414	20.934	ug/l	99
36) 1,1-Dichloropropene	5.79	75	189172	21.592	ug/l	99
37) Ethyl Acetate	4.82	43	219923	20.471	ug/l	99
38) Carbon Tetrachloride	5.78	117	181448	21.316	ug/l	98

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Quant Time: Nov 26 15:17:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	230518	21.024	ug/l	98
40) Benzene	6.13	78	587333	21.508	ug/l	100
41) Methacrylonitrile	5.03	41	119676	19.874	ug/l	98
42) 1,2-Dichloroethane	6.19	62	204221	21.012	ug/l	99
43) Isopropyl Acetate	6.44	43	353900	21.114	ug/l	100
44) Trichloroethene	7.21	130	158478	21.048	ug/l	94
45) 1,2-Dichloropropane	7.51	63	150107	21.610	ug/l	96
46) Dibromomethane	7.65	93	97608	20.680	ug/l	99
47) Bromodichloromethane	7.89	83	189348	21.234	ug/l	95
48) Methyl methacrylate	7.76	41	174920	20.985	ug/l	99
49) 1,4-Dioxane	7.73	88	76169	400.077	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1125195	102.940	ug/l	100
52) Toluene	8.78	92	365776	21.606	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	208484	21.301	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	236678	21.578	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	146576	20.978	ug/l	99
56) Ethyl methacrylate	9.17	69	238060	22.009	ug/l	99
57) 1,3-Dichloropropane	9.37	76	254985	21.494	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	447125	95.649	ug/l	100
59) 2-Hexanone	9.48	43	885705	104.885	ug/l	98
60) Dibromochloromethane	9.57	129	150765	21.088	ug/l	100
61) 1,2-Dibromoethane	9.67	107	155435	21.004	ug/l	100
64) Tetrachloroethene	9.33	164	142540	21.815	ug/l	97
65) Chlorobenzene	10.14	112	393711	21.308	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	142718	21.081	ug/l	98
67) Ethyl Benzene	10.25	91	691120	21.648	ug/l	99
68) m/p-Xylenes	10.36	106	524741	43.574	ug/l	100
69) o-Xylene	10.70	106	257406	21.746	ug/l	99
70) Styrene	10.71	104	427468	21.663	ug/l	99
71) Bromoform	10.85	173	114385	20.880	ug/l	99
73) Isopropylbenzene	11.01	105	674791	22.637	ug/l	100
74) N-amyl acetate	10.89	43	303531	22.069	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	234867	21.720	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	217400m	23.273	ug/l	
77) Bromobenzene	11.25	156	177233	22.304	ug/l	99
78) n-propylbenzene	11.35	91	754497	22.771	ug/l	100
79) 2-Chlorotoluene	11.42	91	448209	22.456	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	557085	22.507	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	73620	20.808	ug/l	98
82) 4-Chlorotoluene	11.51	91	514200	22.027	ug/l	99
83) tert-Butylbenzene	11.76	119	562628	22.622	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	559517	22.558	ug/l	100
85) sec-Butylbenzene	11.94	105	648623	22.637	ug/l	99
86) p-Isopropyltoluene	12.06	119	587775	22.297	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	309868	21.939	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	309621	21.539	ug/l	100
89) n-Butylbenzene	12.39	91	500040	21.809	ug/l	99
90) Hexachloroethane	12.59	117	102141	21.717	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	305588	21.632	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48383	18.549	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDICC020

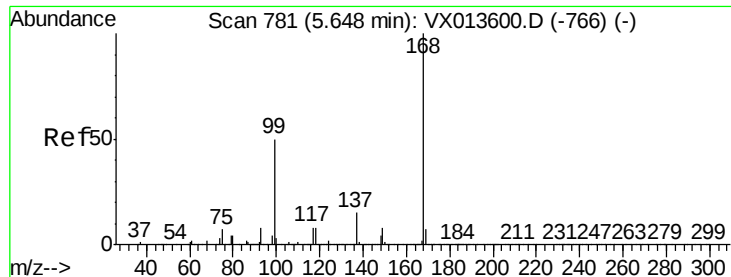
Manual Integrations
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Quant Time: Nov 26 15:17:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	205907	20.945	ug/l	98
94) Hexachlorobutadiene	13.78	225	99275	20.836	ug/l	98
95) Naphthalene	13.83	128	632677	20.758	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	206607	21.065	ug/l	99

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



#1

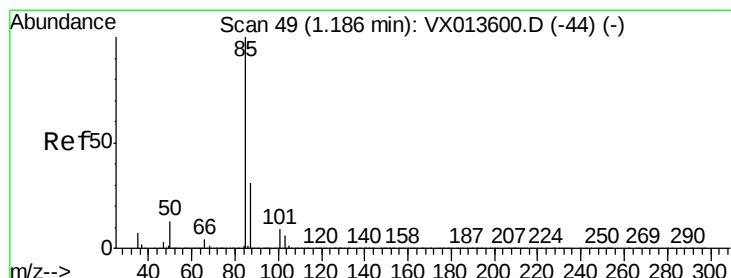
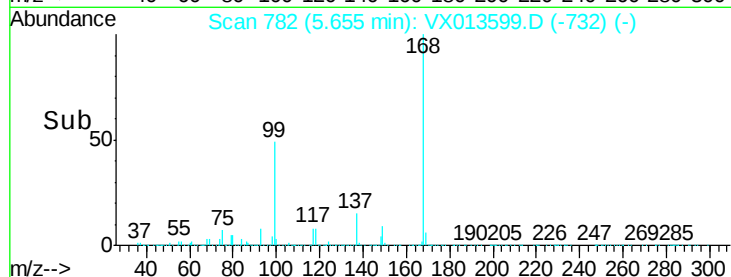
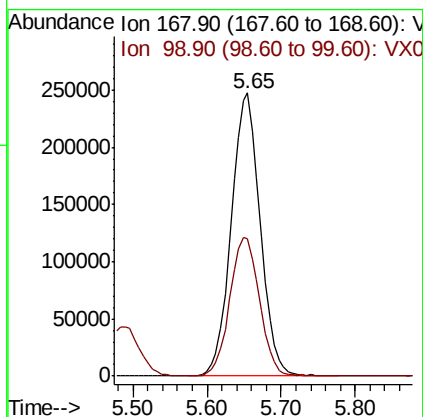
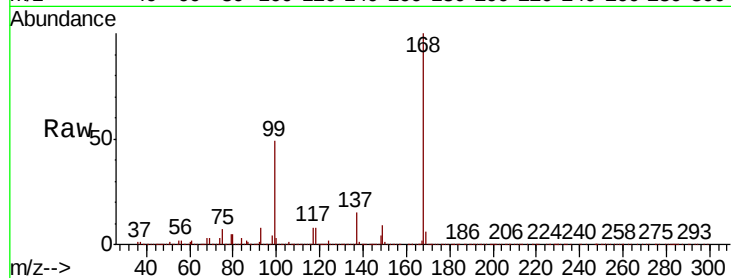
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.5	39.8	59.8

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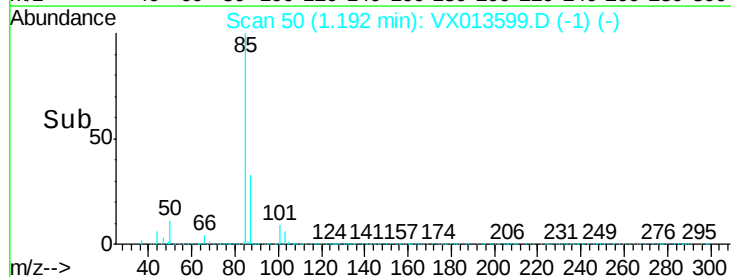
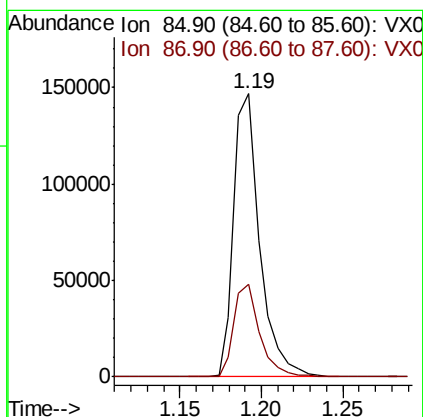
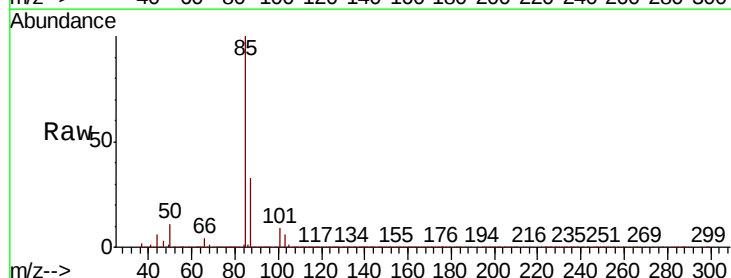
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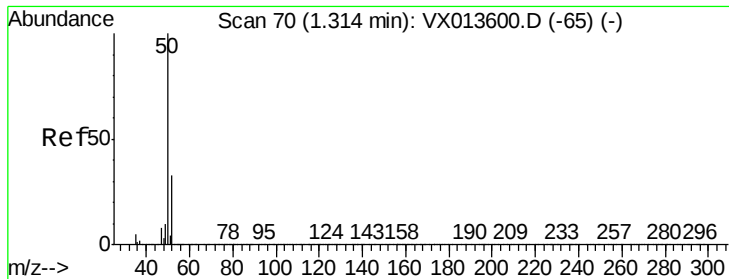


#2

Dichlorodifluoromethane
Concen: 21.238 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	15.7	47.1





#3

Chloromethane

Concen: 21.726 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 180998

Ion Ratio Lower Upper

50 100

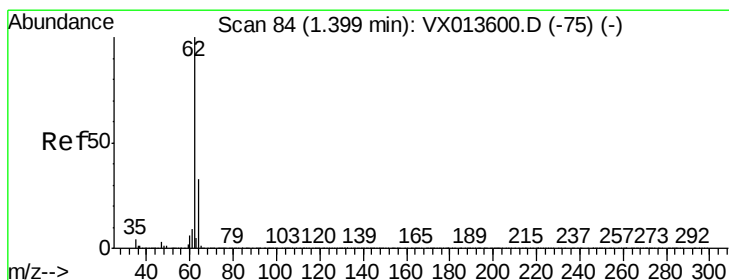
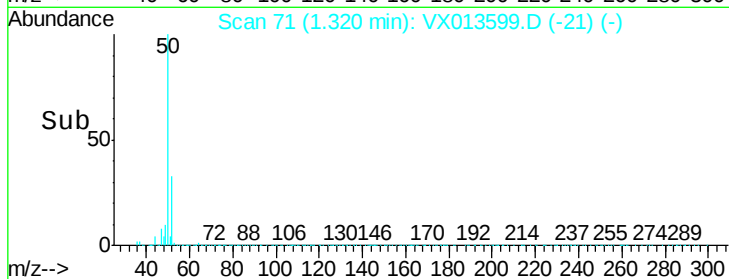
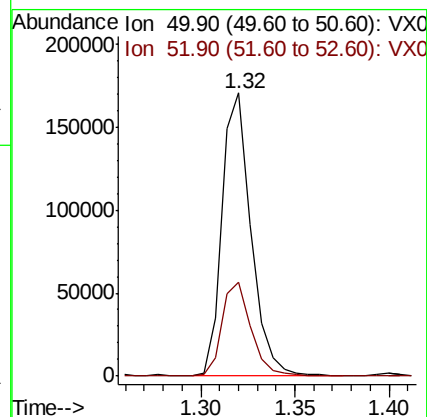
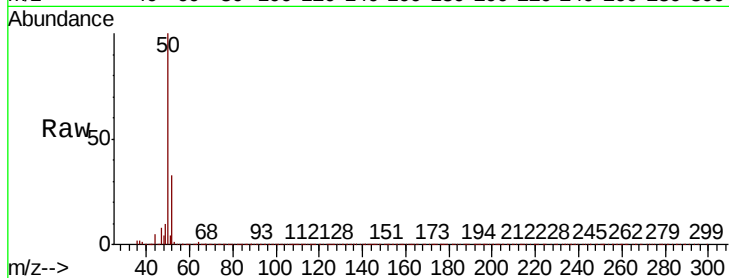
52 33.2 26.0 39.0

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#4

Vinyl Chloride

Concen: 21.672 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013599.D

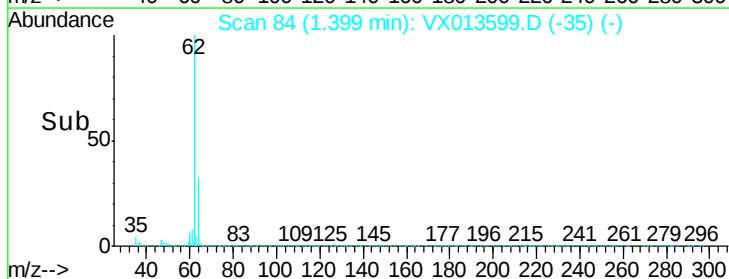
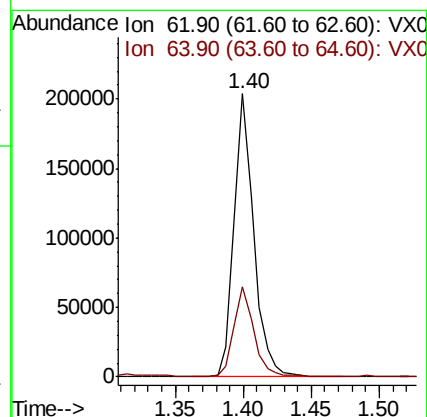
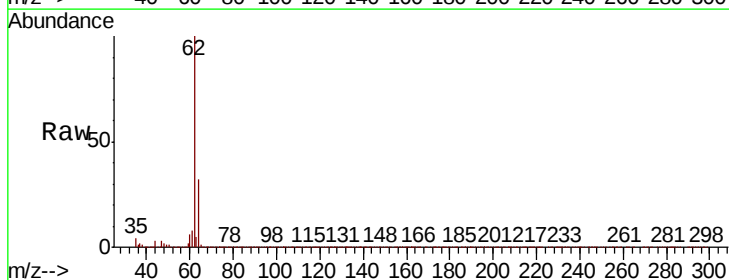
Acq: 26 Nov 2019 14:18

Tgt Ion: 62 Resp: 205141

Ion Ratio Lower Upper

62 100

64 31.6 26.0 39.0





#5

Bromomethane

Concen: 18.567 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 120565

Ion Ratio Lower Upper

94 100

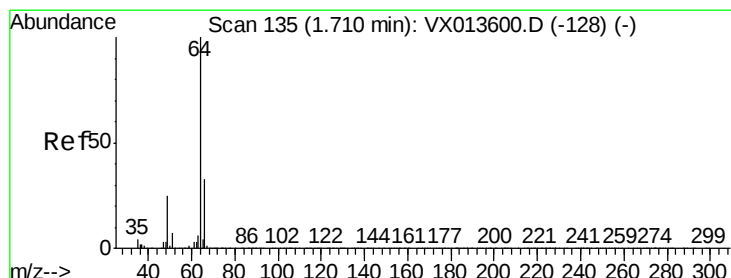
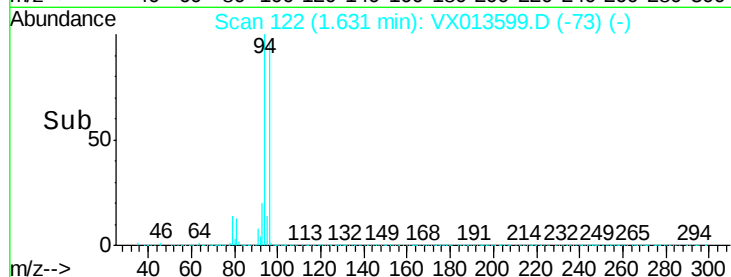
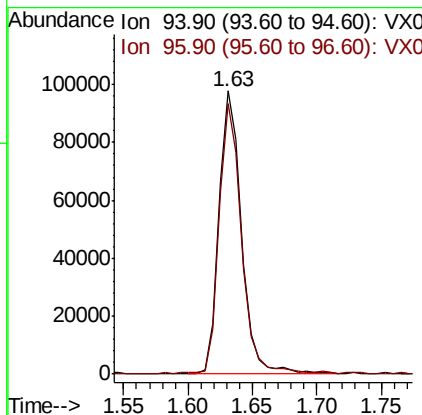
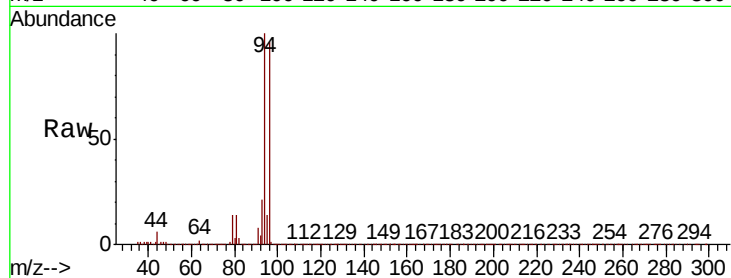
96 95.7 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 18.646 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013599.D

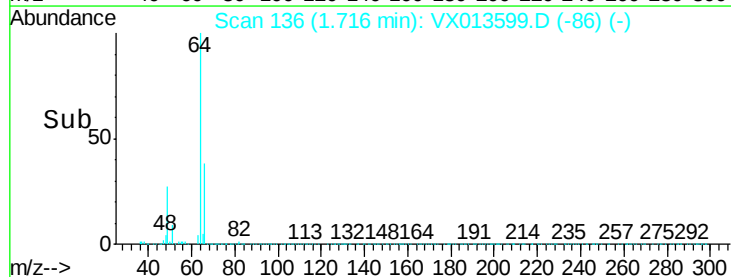
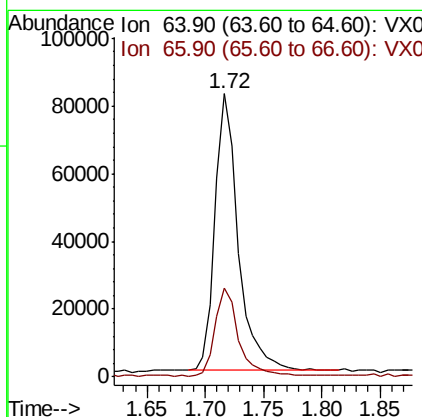
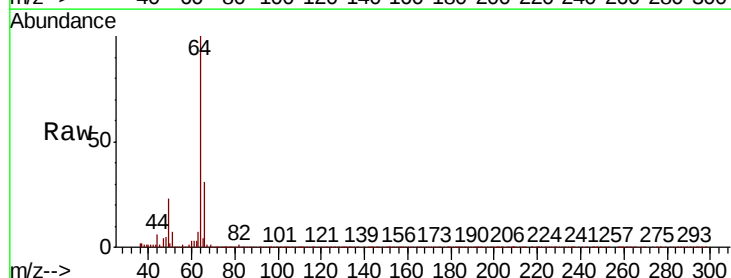
Acq: 26 Nov 2019 14:18

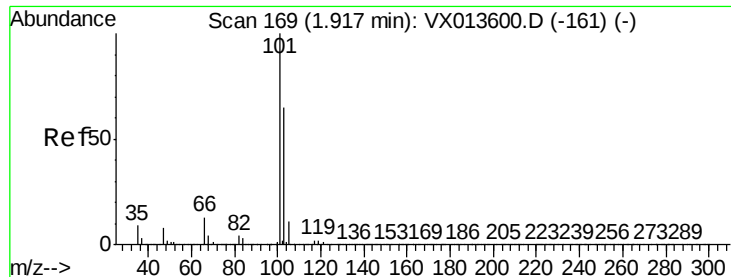
Tgt Ion: 64 Resp: 112249

Ion Ratio Lower Upper

64 100

66 31.6 26.7 40.1





#7

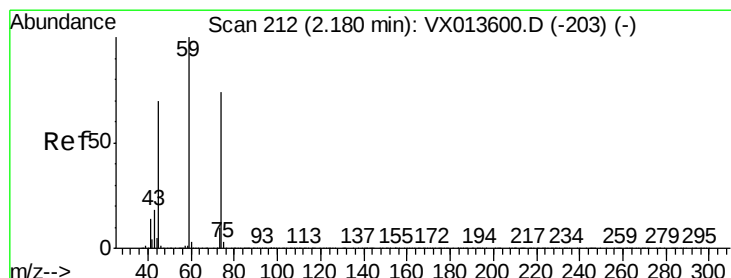
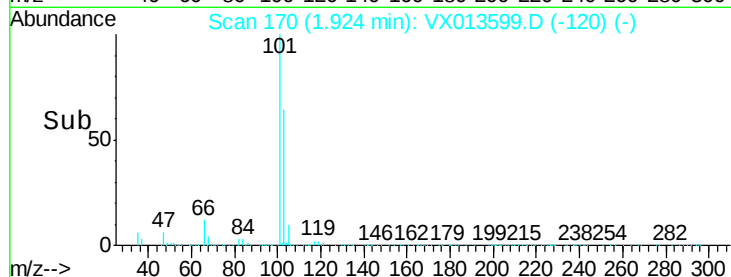
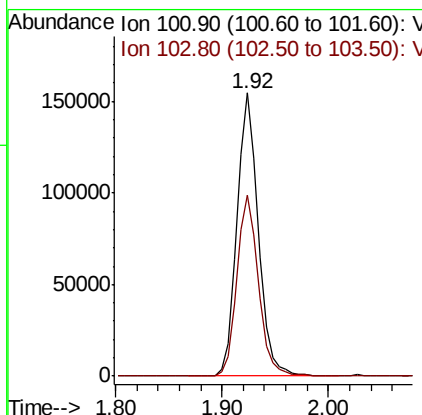
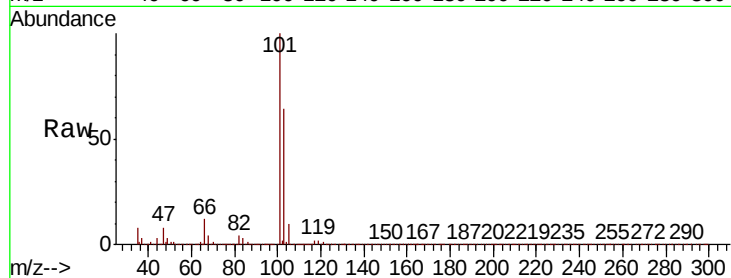
Trichlorofluoromethane
Concen: 19.547 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.8	77.6

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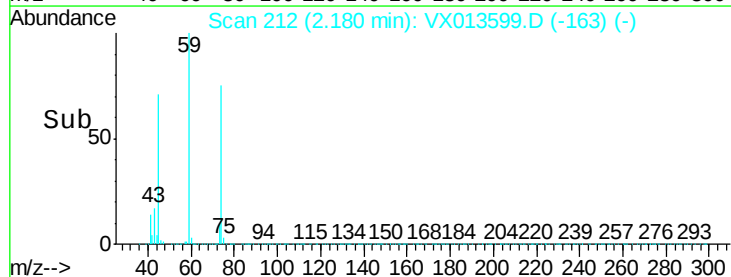
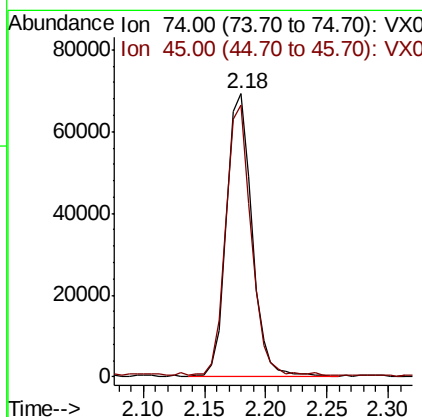
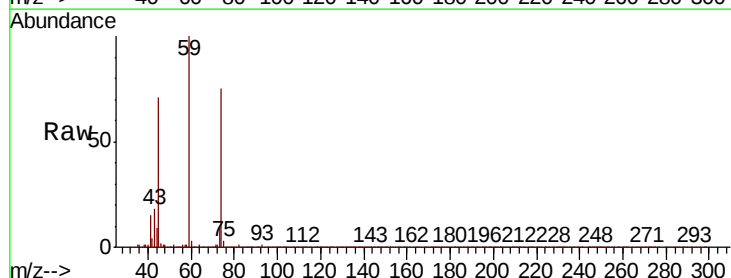
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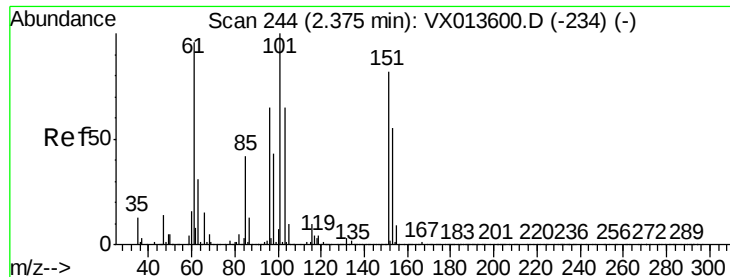


#8

Diethyl Ether
Concen: 20.176 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.6	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.195 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

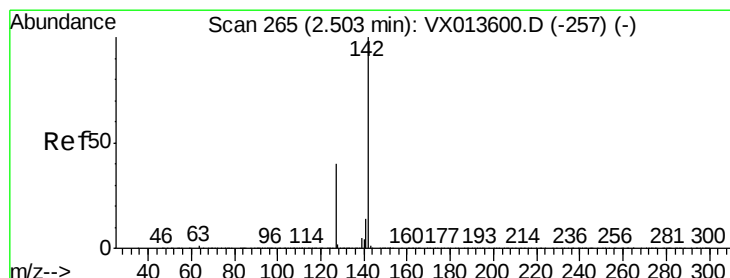
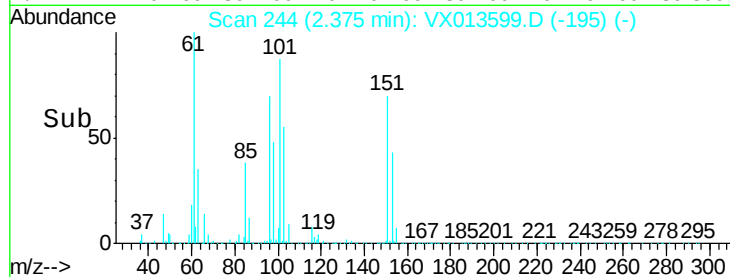
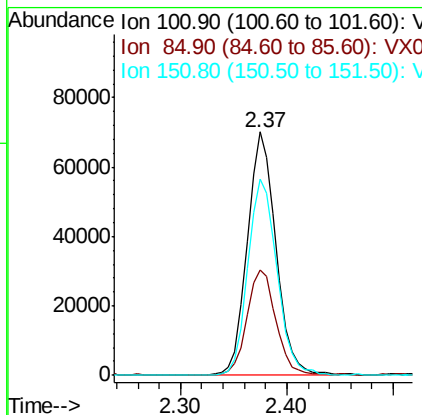
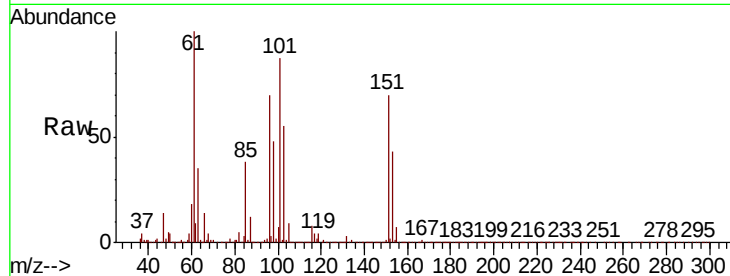
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	132805
Ion Ratio	Lower	Upper	
101	100		
85	43.1	33.9	50.9
151	81.7	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 19.267 ug/l

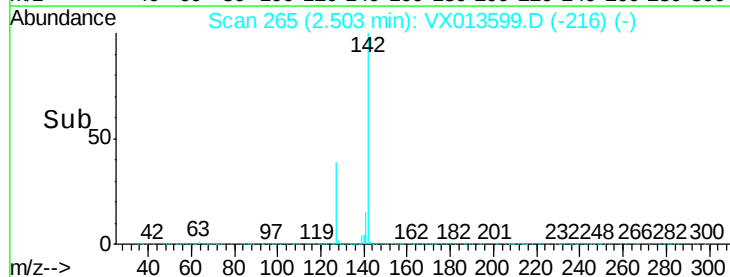
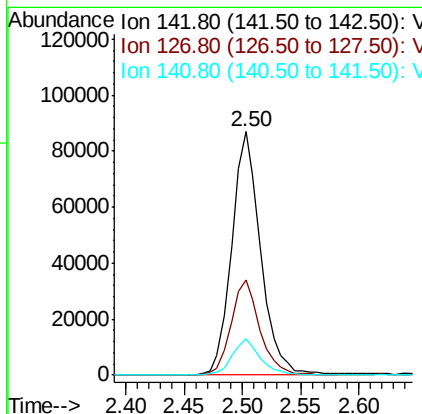
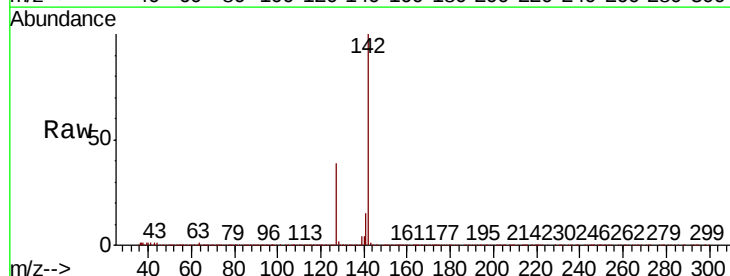
RT: 2.50 min Scan# 265

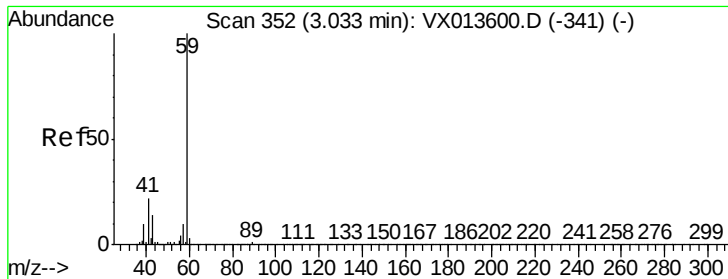
Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Tgt Ion:	142	Resp:	149872
Ion Ratio	Lower	Upper	
142	100		
127	39.4	31.0	46.4
141	14.5	11.6	17.4





#11

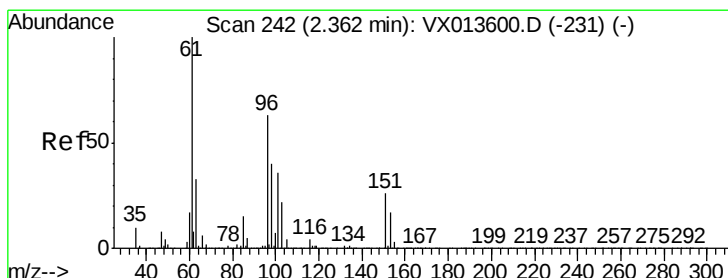
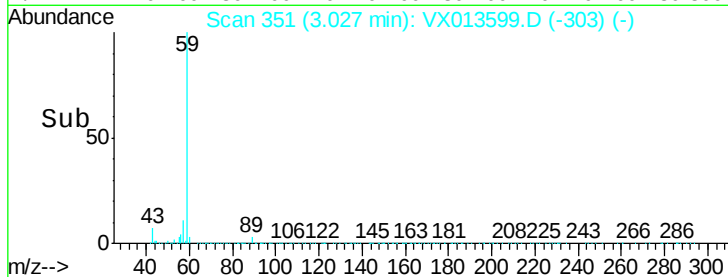
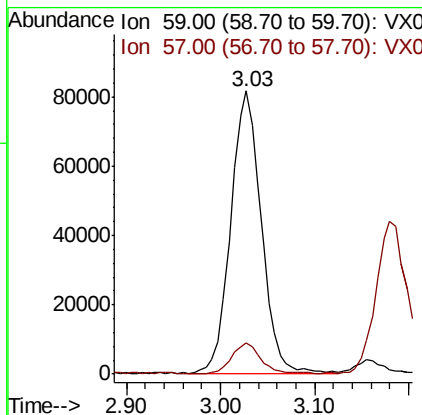
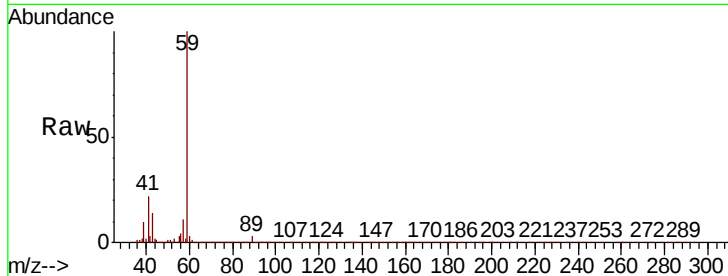
Tert butyl alcohol
Concen: 88.800 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	7.8	11.6

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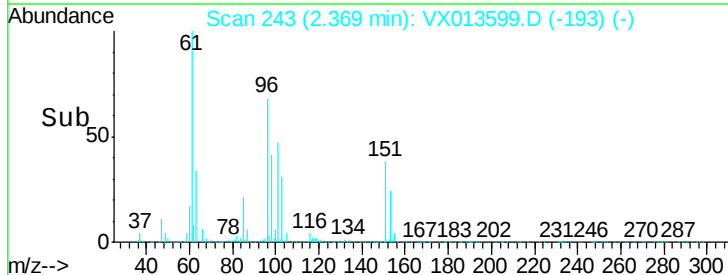
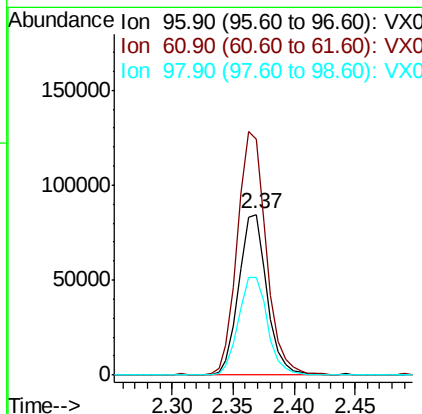
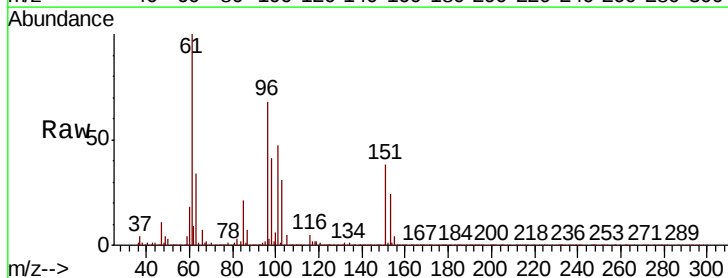
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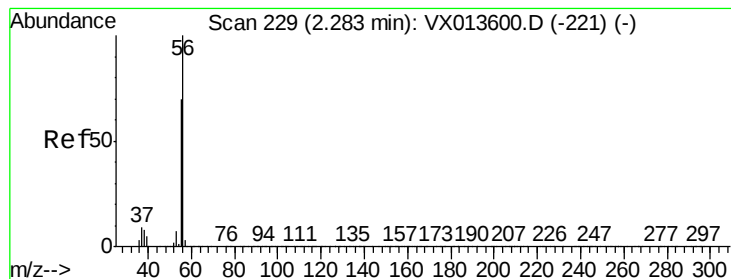


#12

1,1-Dichloroethene
Concen: 21.833 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.0	126.6	190.0
98	60.5	50.6	76.0





#13

Acrolein

Concen: 117.080 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 135387

Ion Ratio Lower Upper

56 100

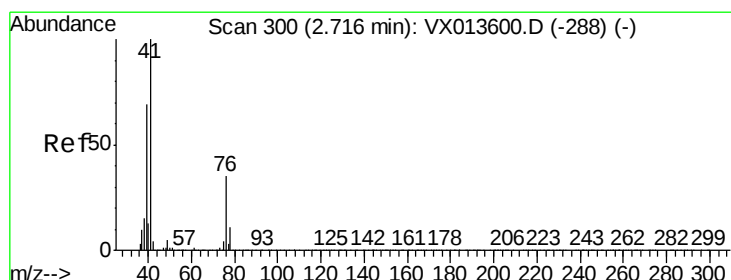
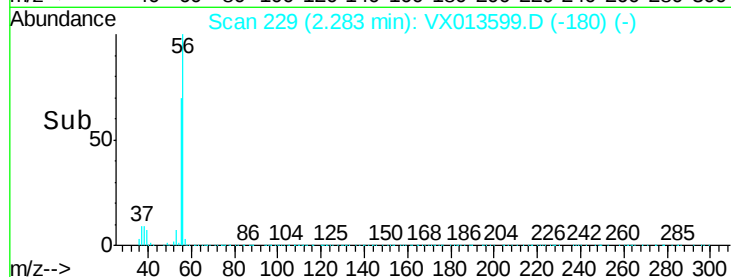
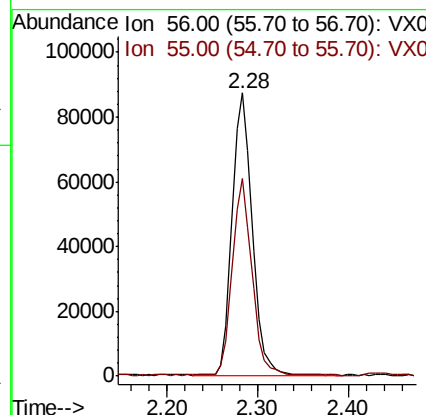
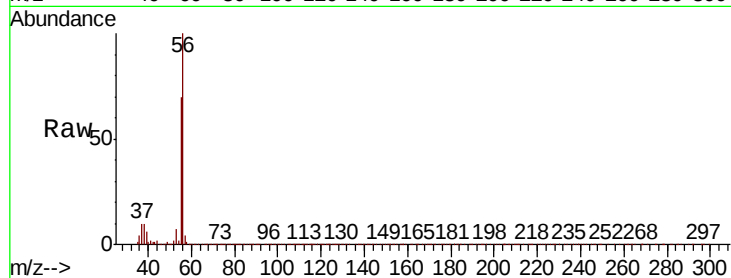
55 66.8 56.2 84.4

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#14

Allyl chloride

Concen: 21.174 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

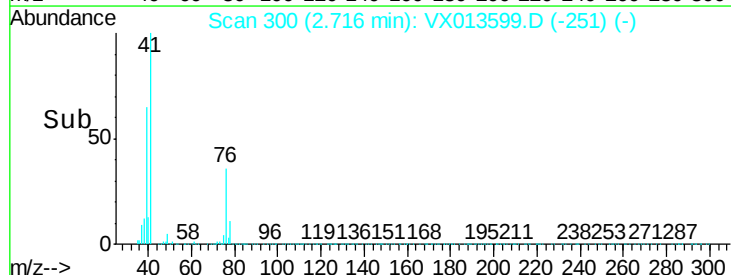
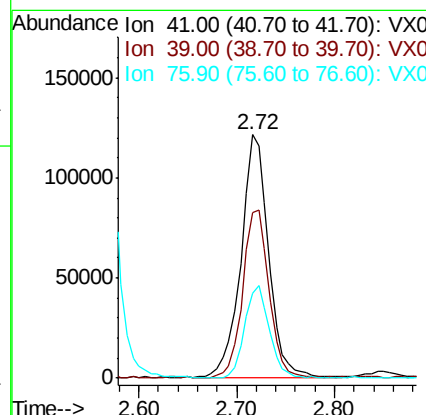
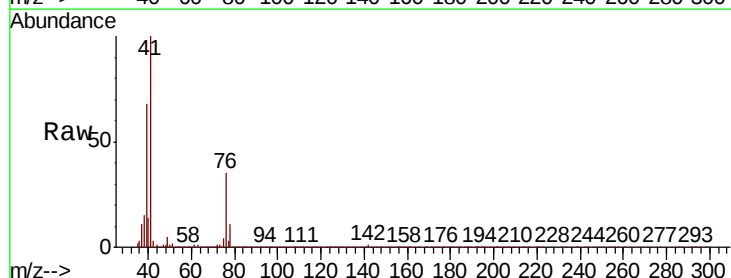
Tgt Ion: 41 Resp: 237135

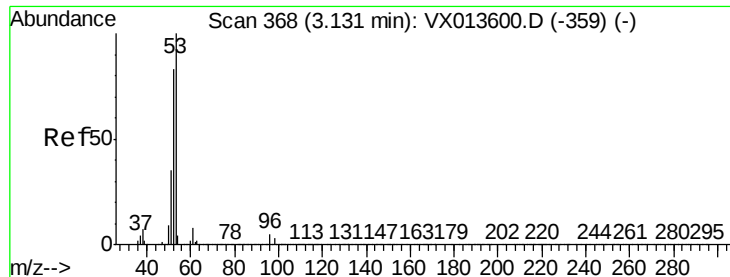
Ion Ratio Lower Upper

41 100

39 66.1 51.7 77.5

76 34.0 25.9 38.9





#15

Acrylonitrile

Concen: 103.901 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

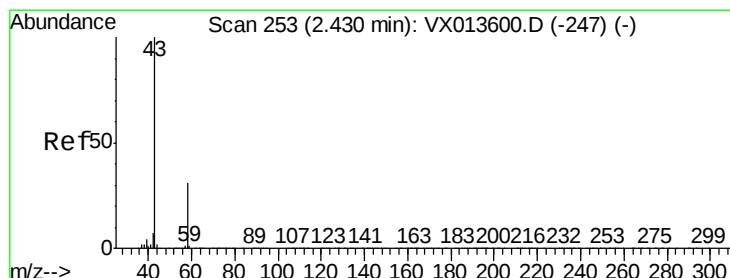
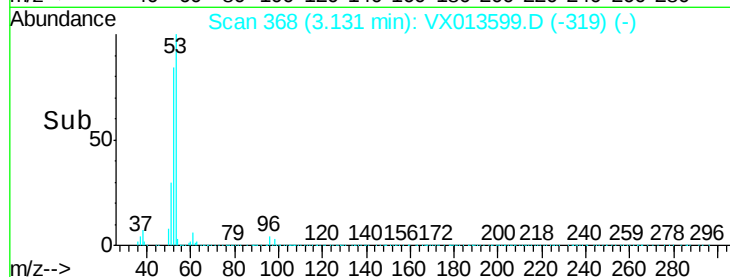
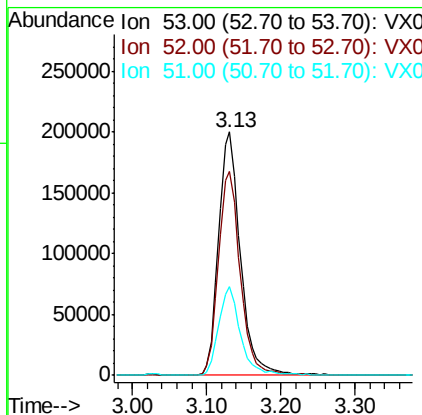
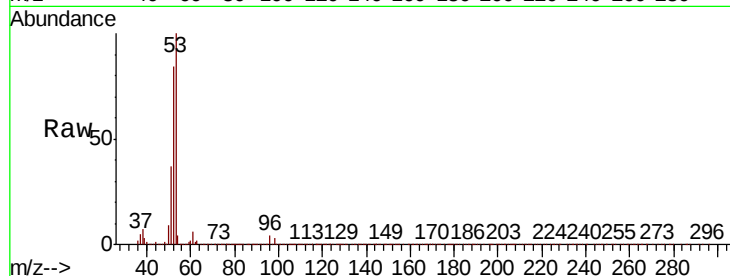
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	403166
Ion Ratio		Lower	Upper
53	100		
52	84.3	66.2	99.2
51	36.2	29.0	43.6

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#16

Acetone

Concen: 105.351 ug/l

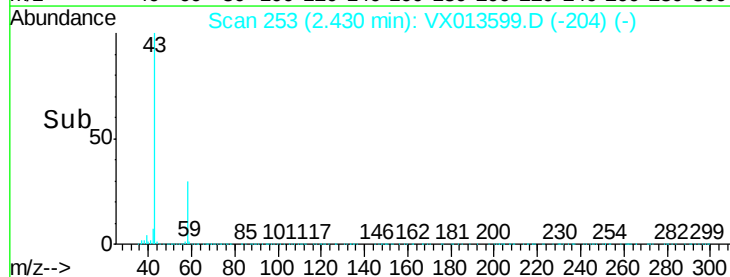
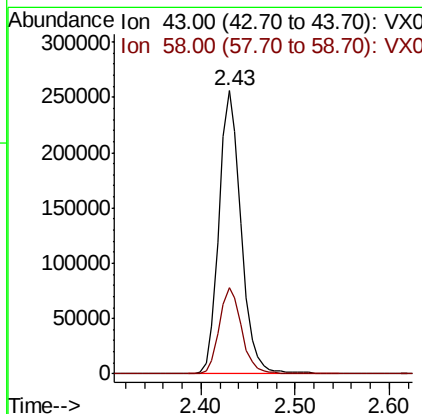
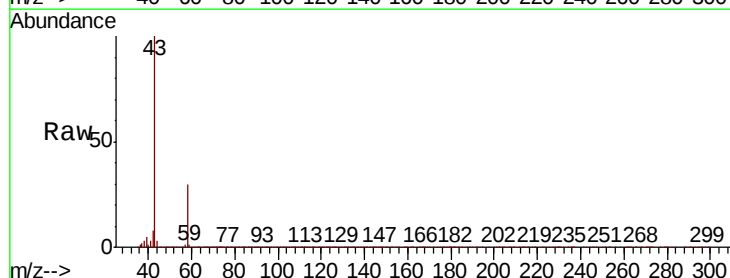
RT: 2.43 min Scan# 253

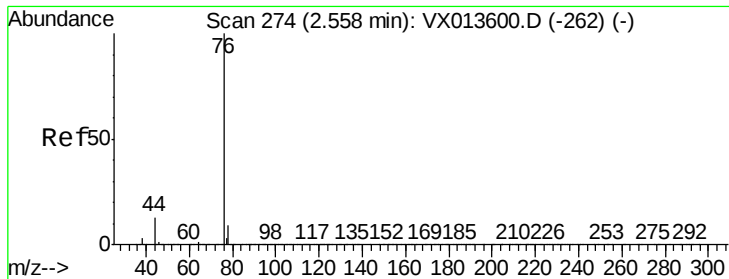
Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Tgt Ion:	43	Resp:	412640
Ion Ratio		Lower	Upper
43	100		
58	30.2	24.6	36.8





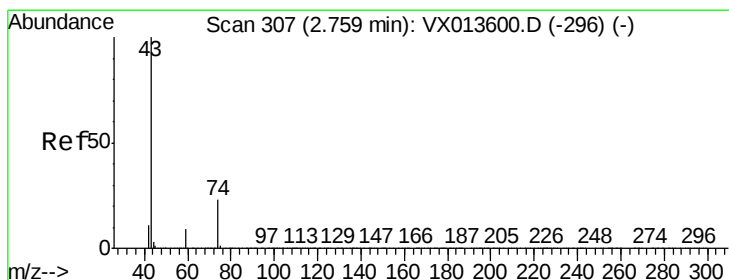
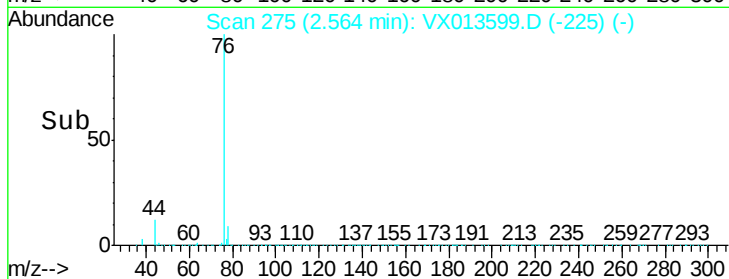
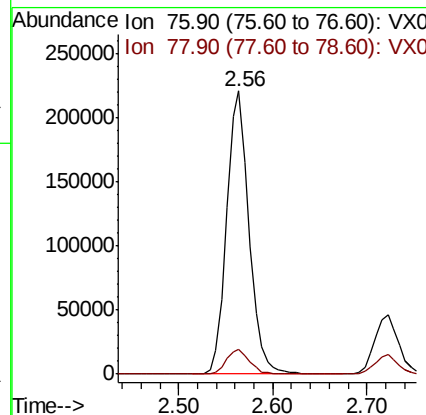
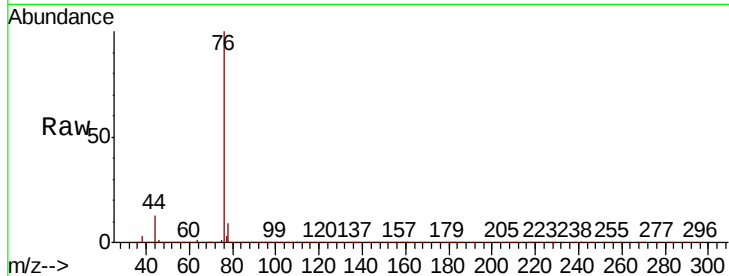
#17
Carbon Disulfide
Concen: 21.893 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.2	10.8

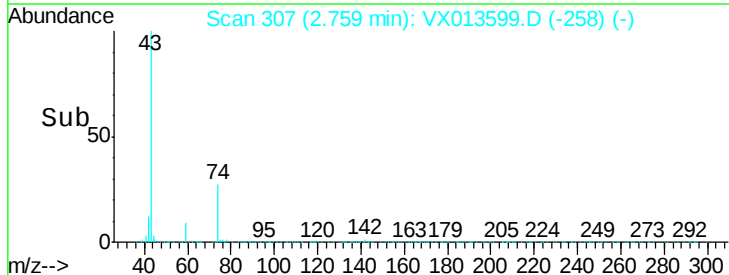
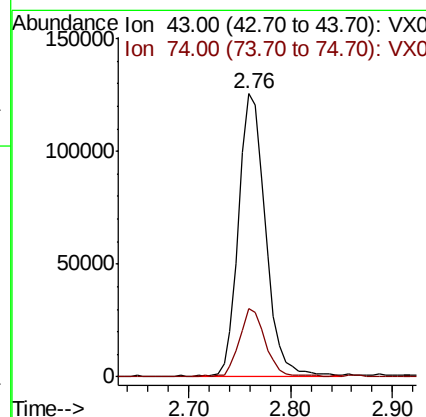
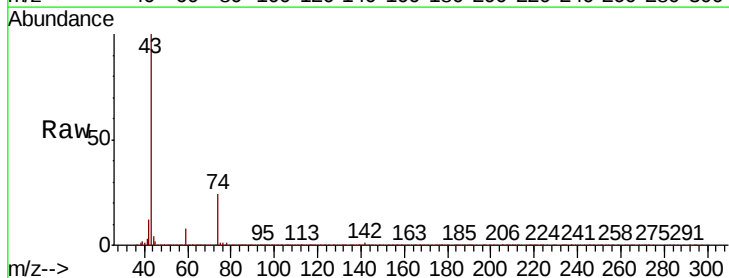
Manual Integrations
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#18
Methyl Acetate
Concen: 21.268 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	19.5	29.3





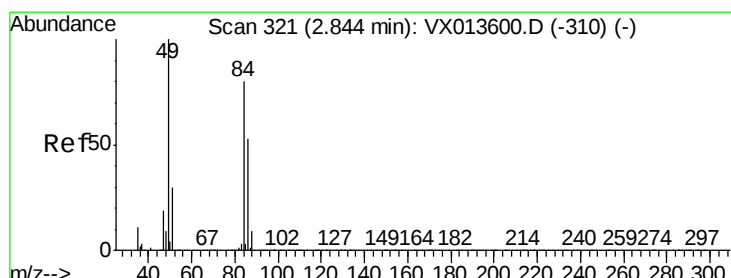
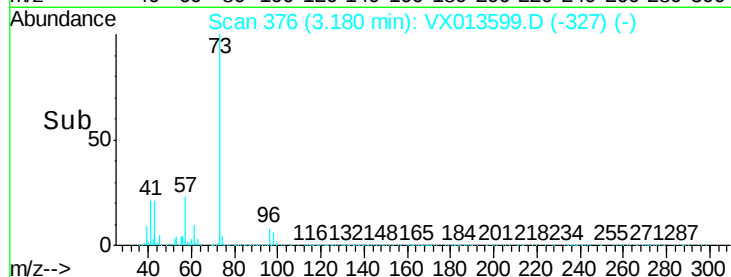
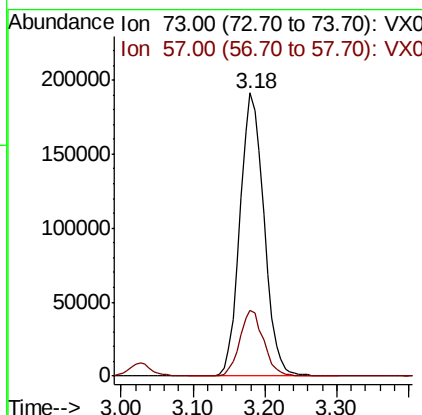
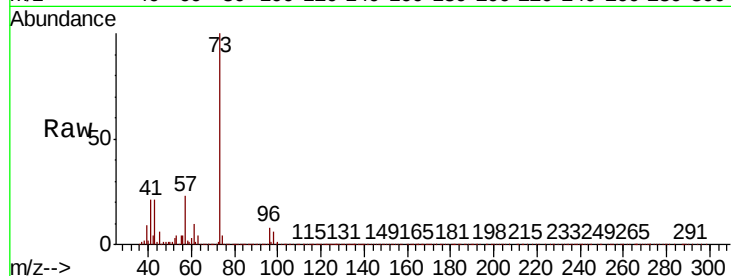
#19
Methvl tert-butvl Ether
Concen: 21.775 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.3	27.5

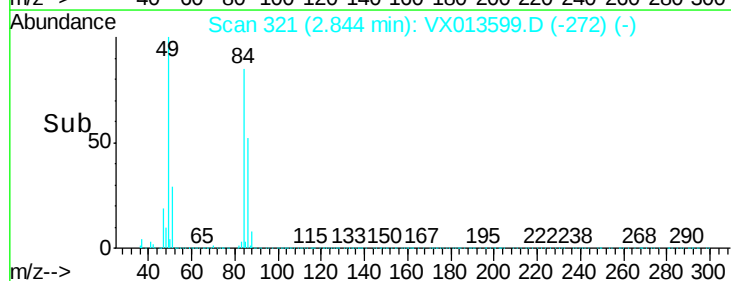
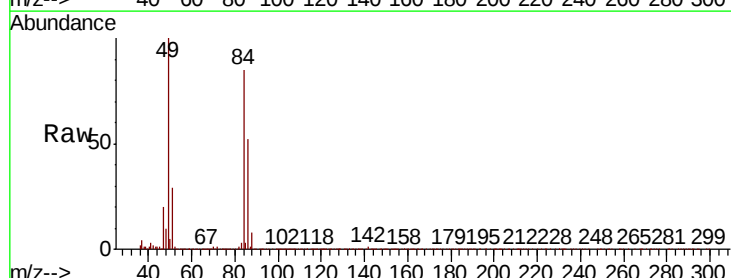
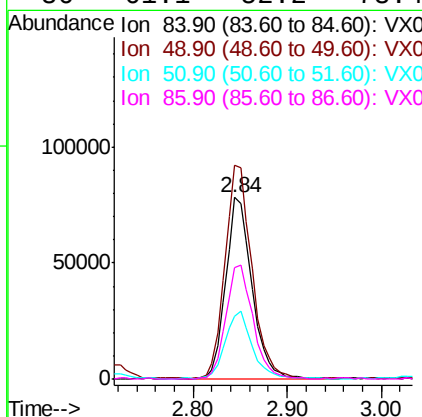
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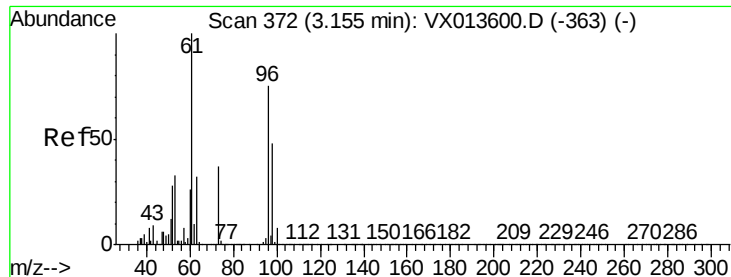
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#20
Methylene Chloride
Concen: 20.631 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.5	99.7	149.5
51	34.2	29.9	44.9
86	61.1	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 21.209 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

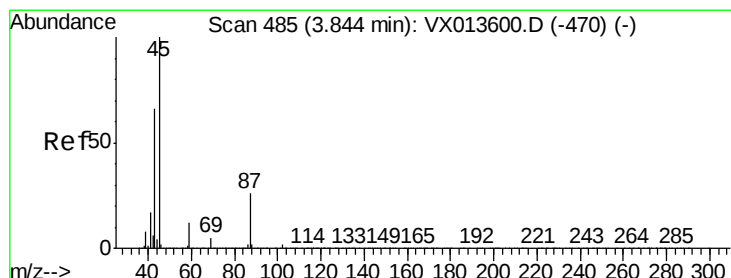
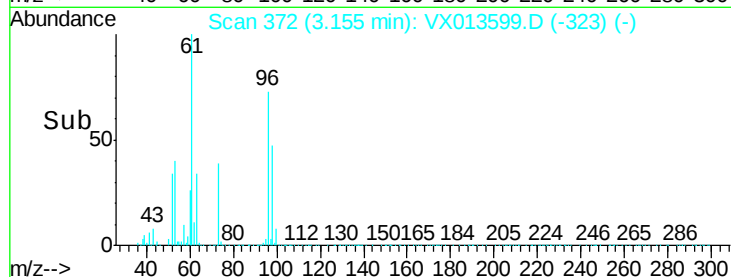
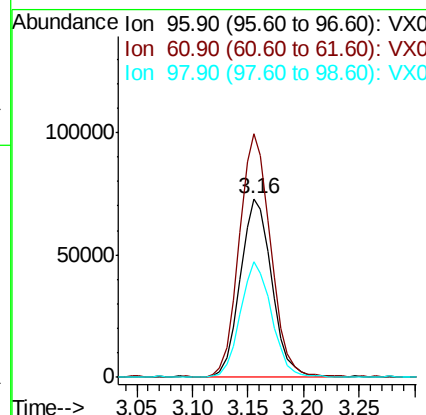
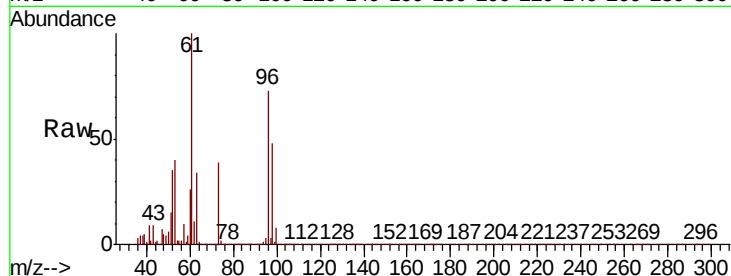
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	141896
Ion Ratio	Lower	Upper	
96	100		
61	136.3	107.2	160.8
98	64.6	51.4	77.0

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#22

Diisopropyl ether

Concen: 22.120 ug/l

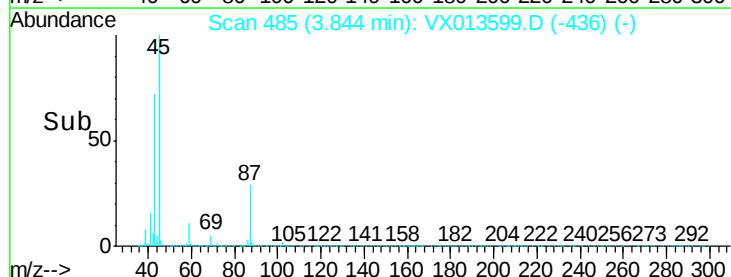
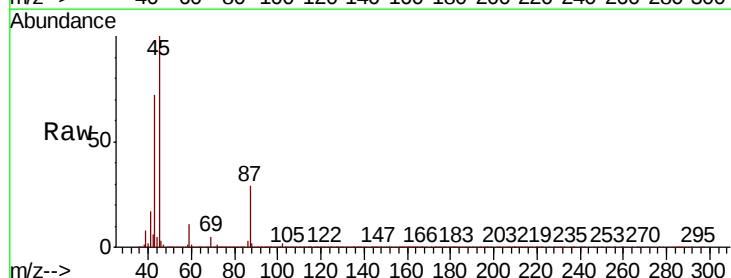
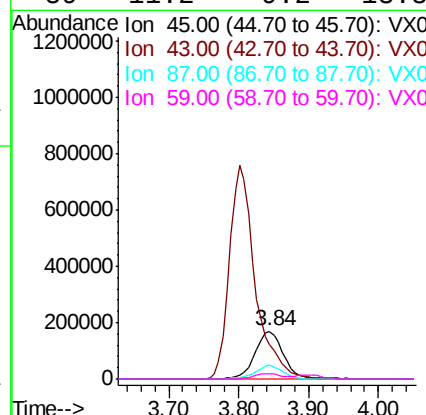
RT: 3.84 min Scan# 485

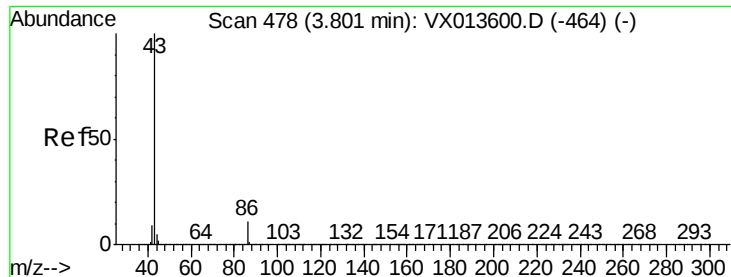
Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Tgt Ion:	45	Resp:	475896
Ion Ratio	Lower	Upper	
45	100		
43	71.5	52.6	79.0
87	29.1	21.1	31.7
59	11.2	9.2	13.8





#23

Vinyl Acetate

Concen: 106.450 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 1953405

Ion Ratio Lower Upper

43 100

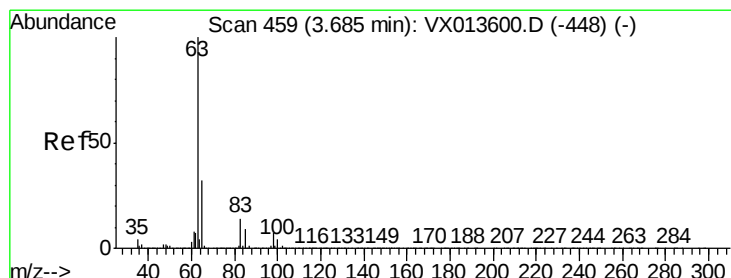
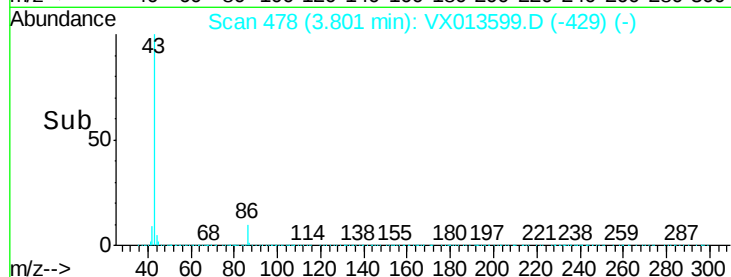
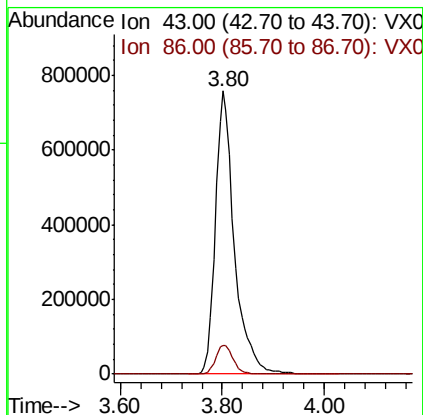
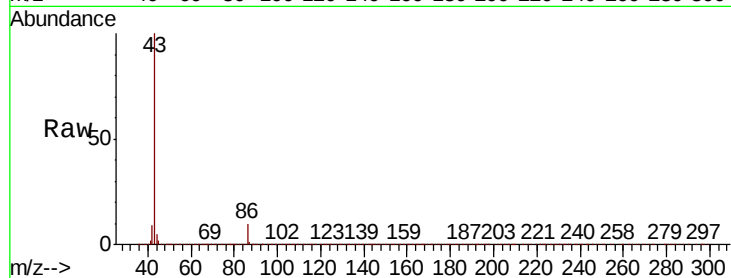
86 10.3 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 21.340 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

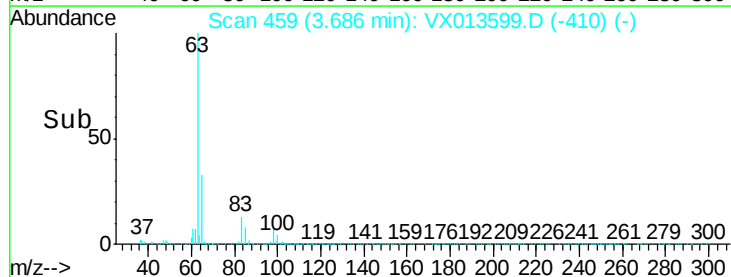
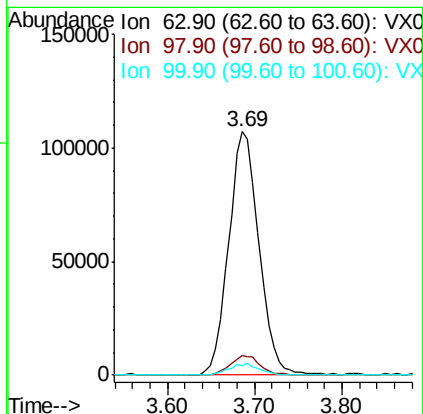
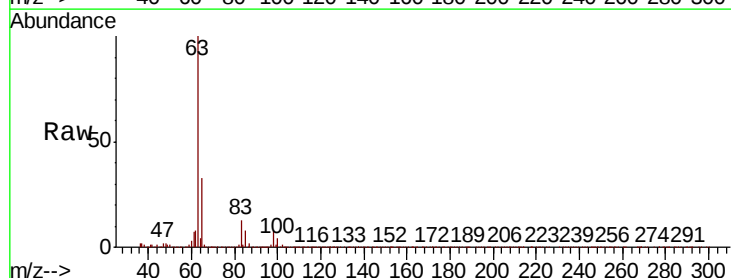
Tgt Ion: 63 Resp: 256911

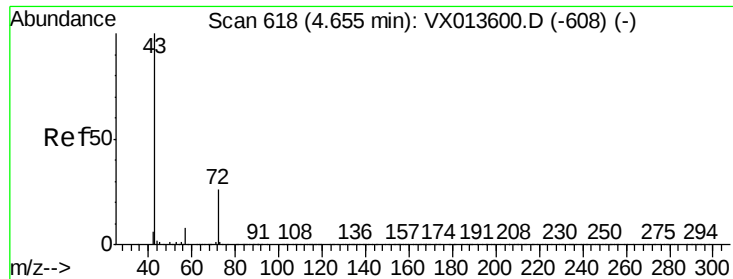
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

100 3.8 2.1 6.3





#25

2-Butanone

Concen: 104.809 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 603269

Ion Ratio Lower Upper

43 100

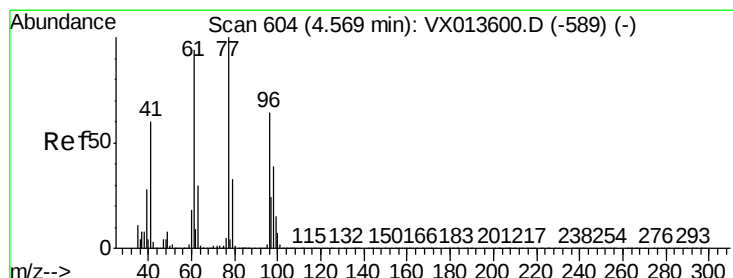
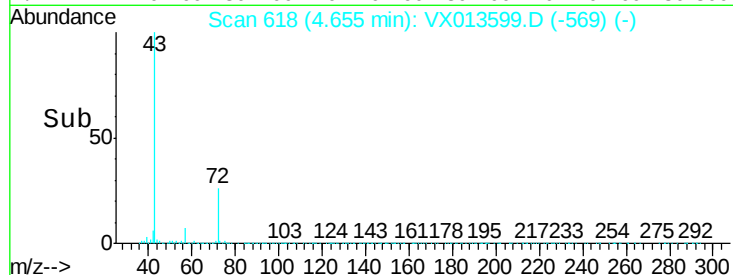
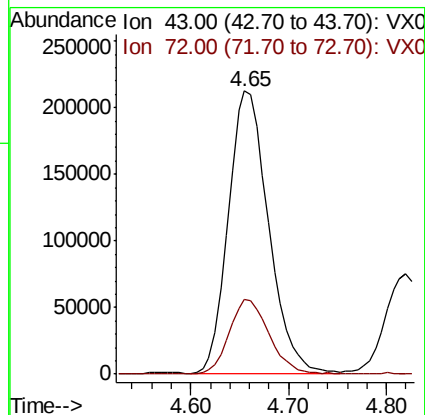
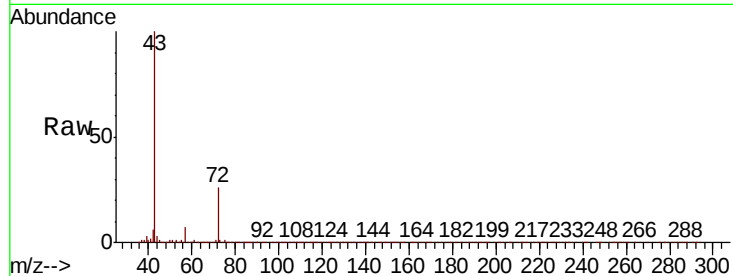
72 26.1 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 21.533 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013599.D

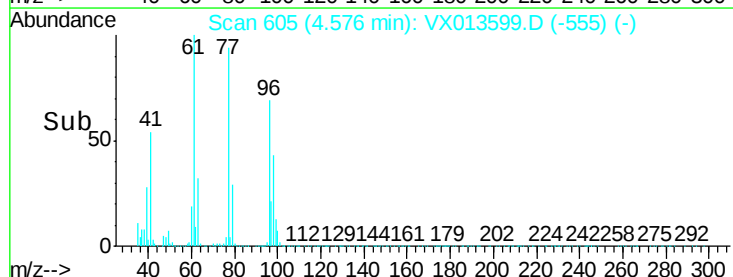
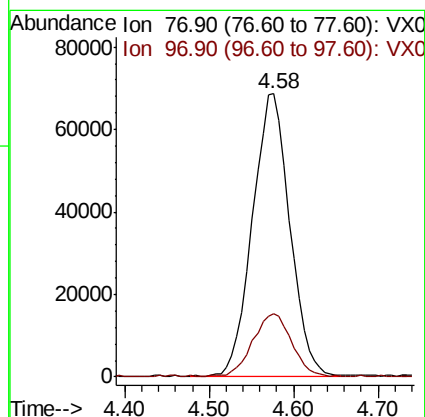
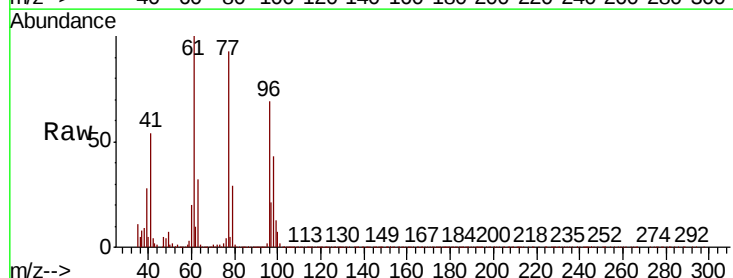
Acq: 26 Nov 2019 14:18

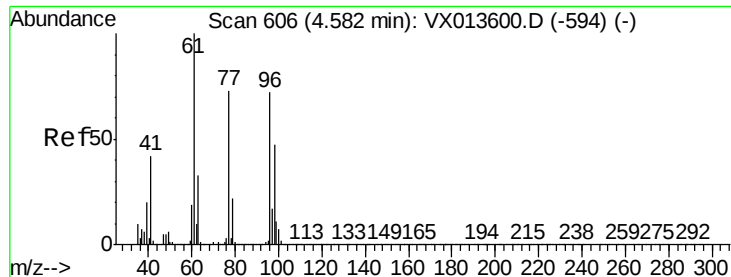
Tgt Ion: 77 Resp: 207077

Ion Ratio Lower Upper

77 100

97 23.9 12.0 36.1





#27

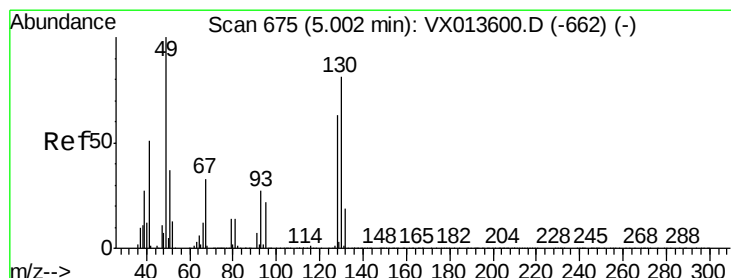
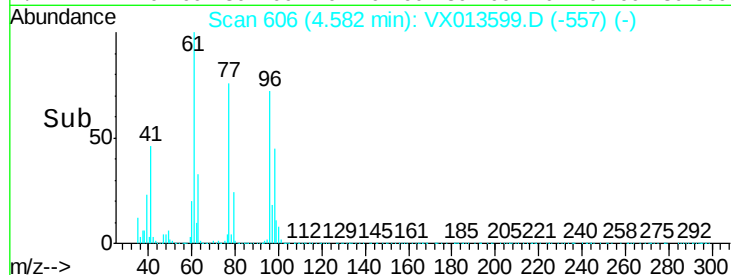
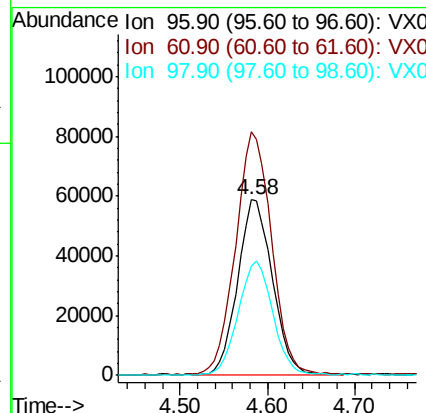
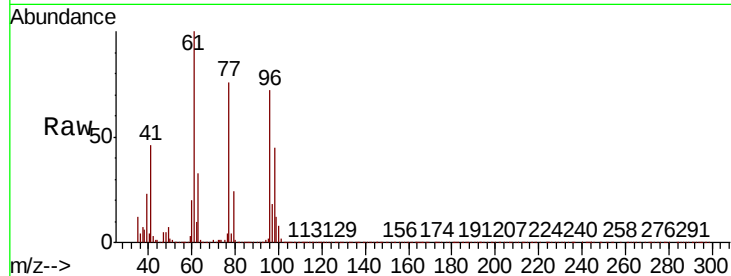
cis-1,2-Dichloroethene
Concen: 21.533 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	286.4
98	64.3	0.0	127.4

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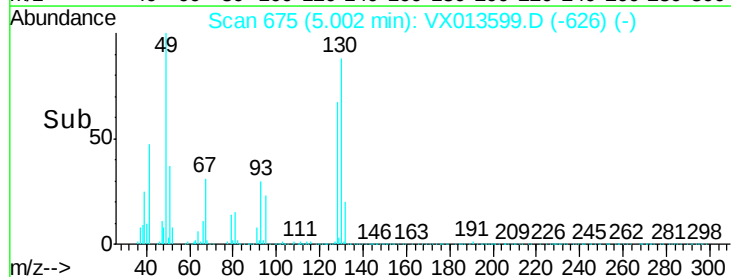
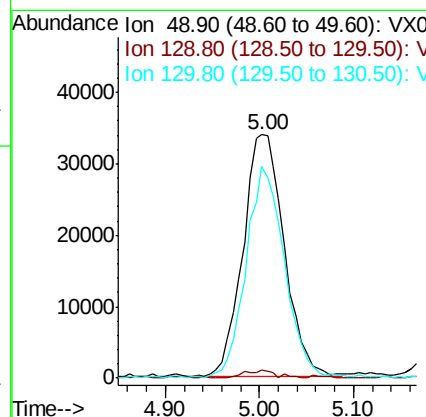
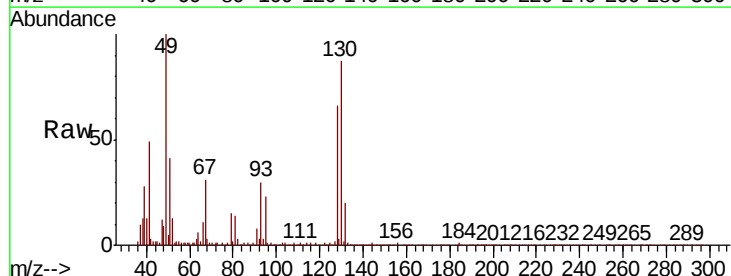
apatel
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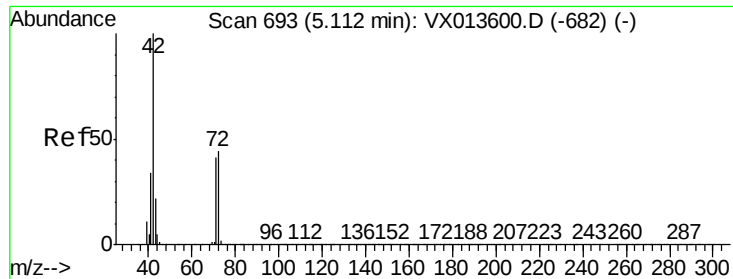


#28

Bromochloromethane
Concen: 28.235 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.0
130	81.0	65.4	98.0





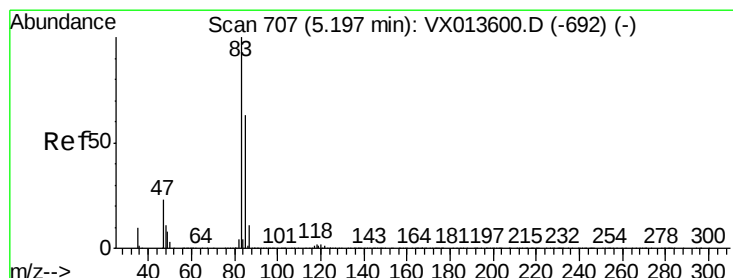
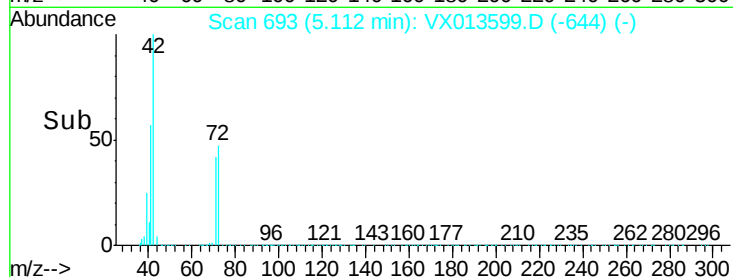
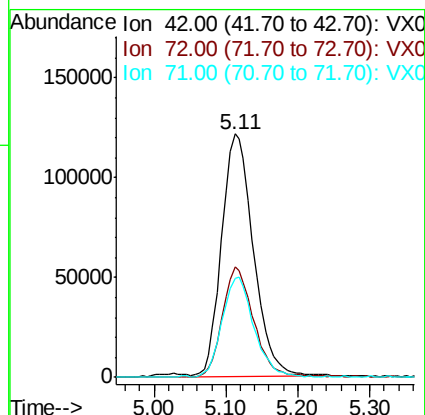
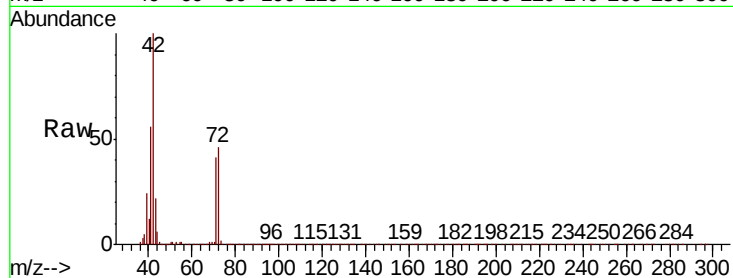
#29
Tetrahydrofuran
Concen: 105.289 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	36.3	54.5
71	41.6	33.2	49.8

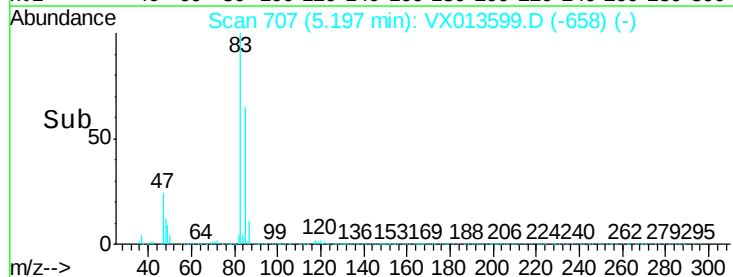
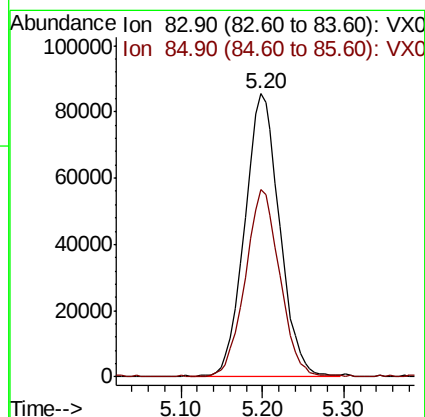
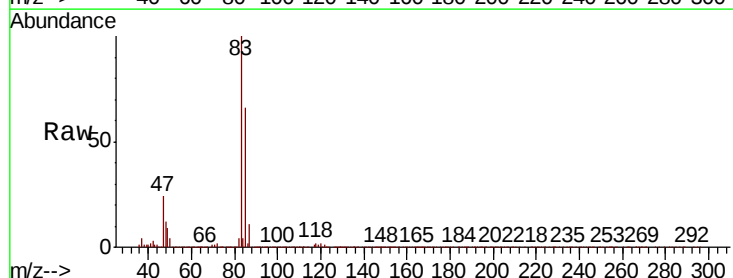
Manual Integrations
APPROVED

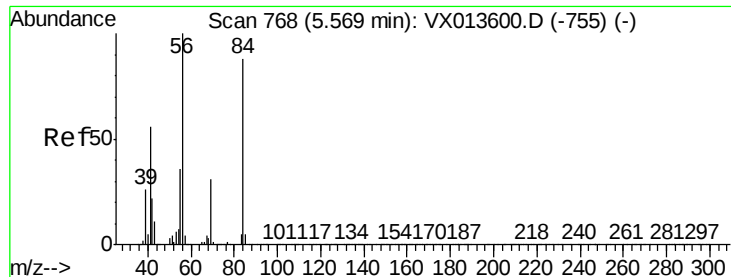
apatel
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#30
Chloroform
Concen: 21.339 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.2	75.4





#31

Cyclohexane

Concen: 21.423 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

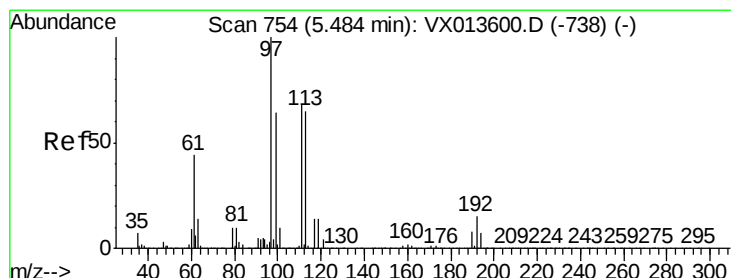
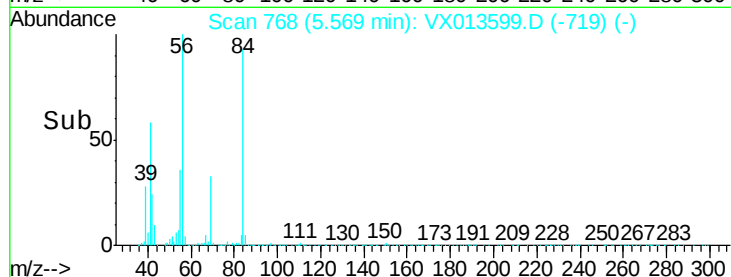
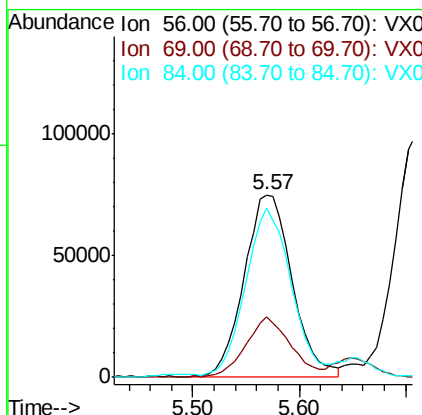
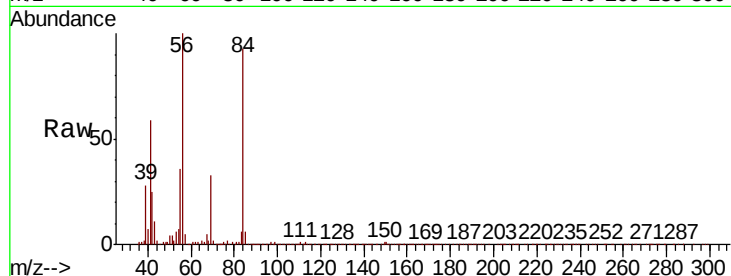
ClientSampleId :

VSTDIC020

Tot Ion:	56	Resp:	233919
Ion	Ratio	Lower	Upper
56	100		
69	33.4	24.6	36.8
84	92.3	70.0	105.0

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#32

1,1,1-Trichloroethane

Concen: 20.934 ug/l

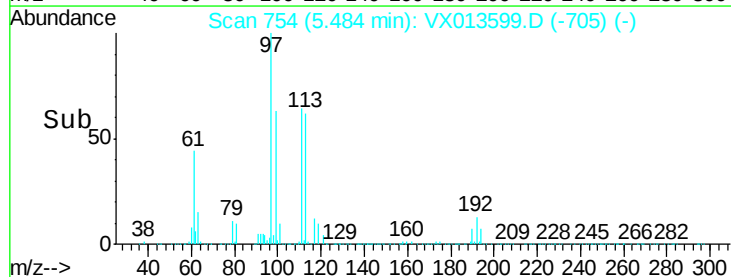
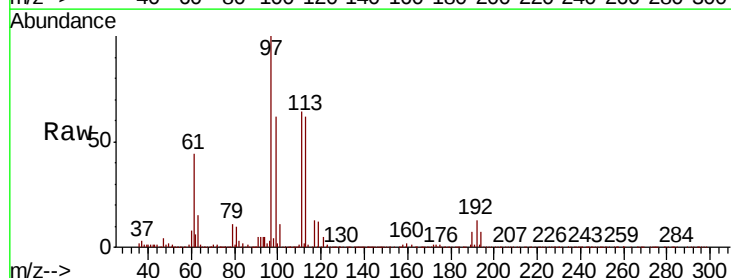
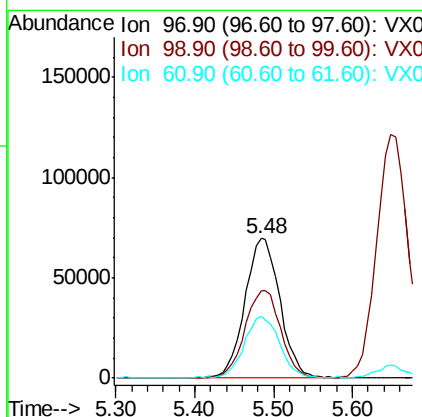
RT: 5.48 min Scan# 754

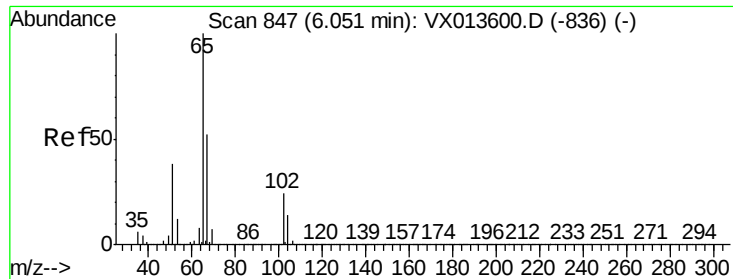
Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Tgt Ion:	97	Resp:	213414
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.6	77.4
61	44.5	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 19.367 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 65 Resp: 152193

Ion Ratio Lower Upper

65 100

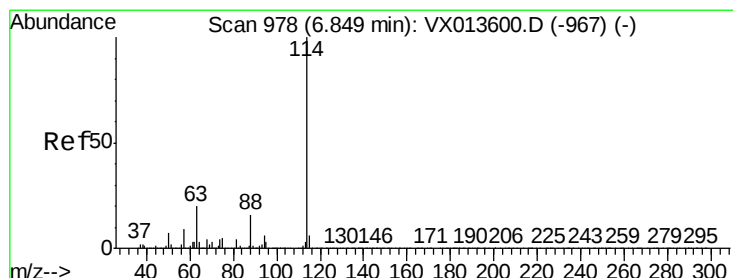
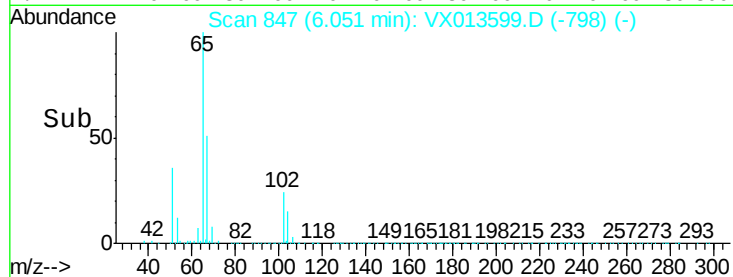
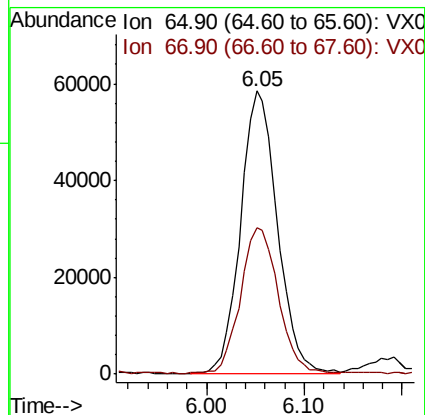
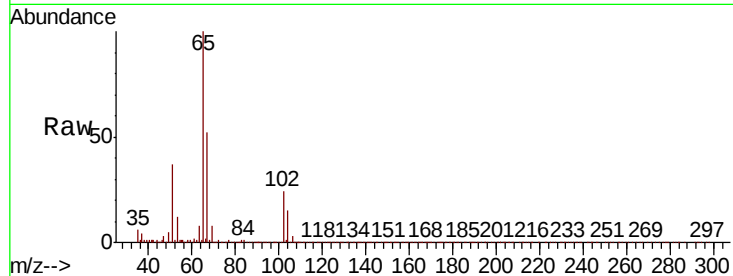
67 53.4 0.0 104.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

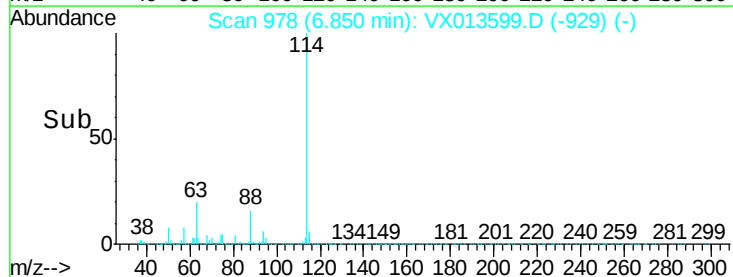
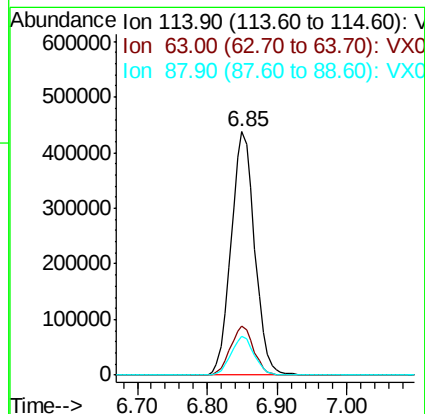
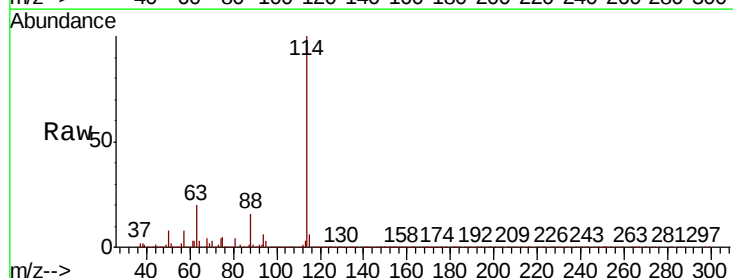
Tgt Ion: 114 Resp: 1025127

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 20.018 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

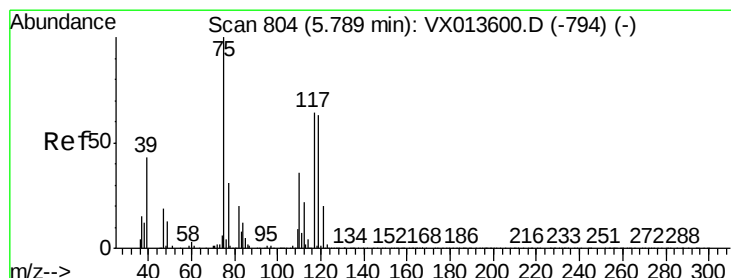
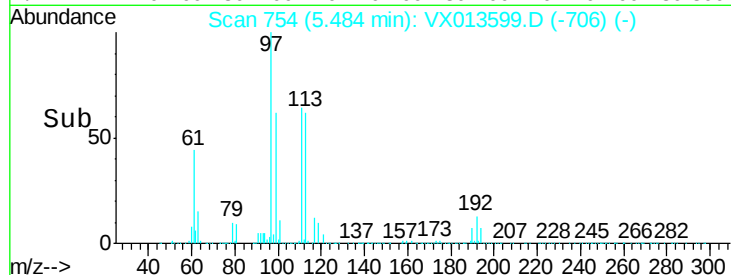
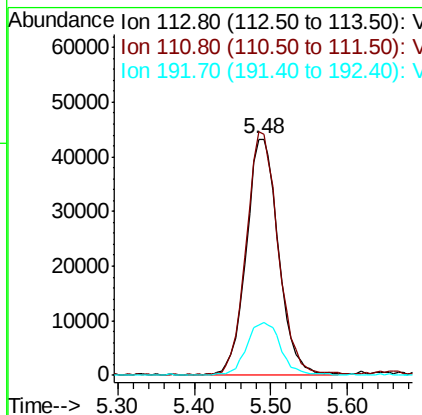
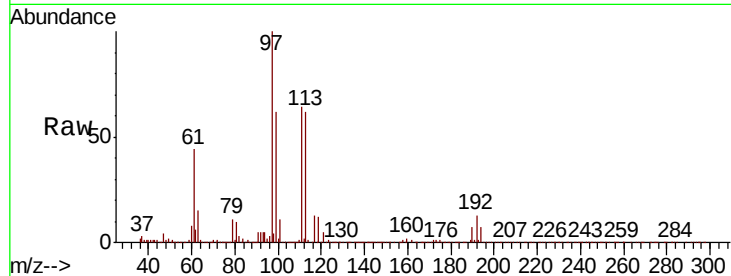
ClientSampleId :

VSTDIC020

Tot Ion:	113	Resp:	127106
Ion Ratio	Lower	Upper	
113	100		
111	101.6	83.6	125.4
192	23.3	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 21.592 ug/l

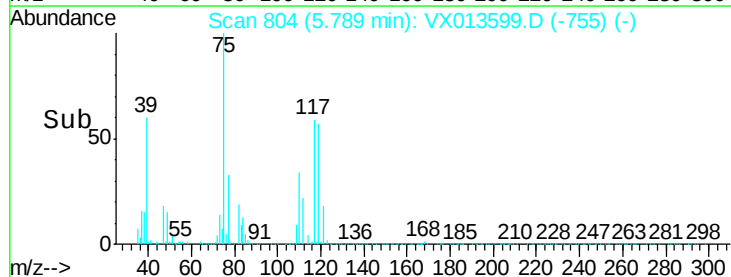
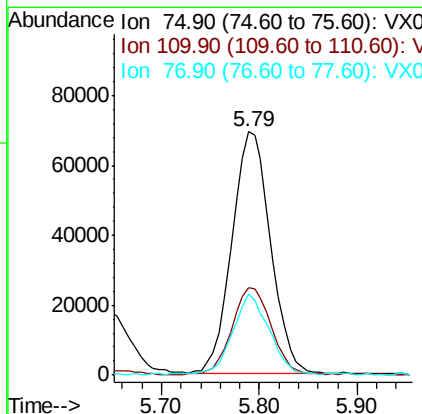
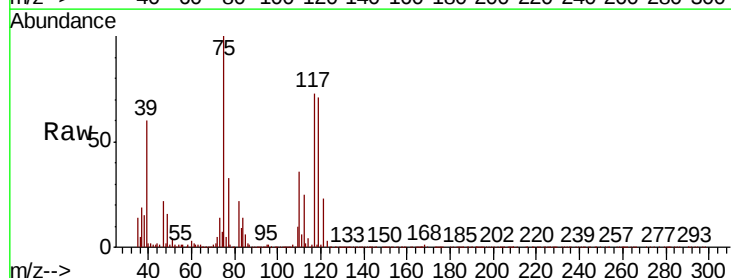
RT: 5.79 min Scan# 804

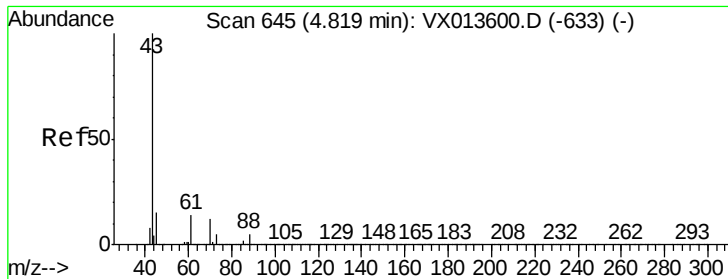
Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Tgt Ion:	75	Resp:	189172
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.1	54.1
77	30.8	24.5	36.7





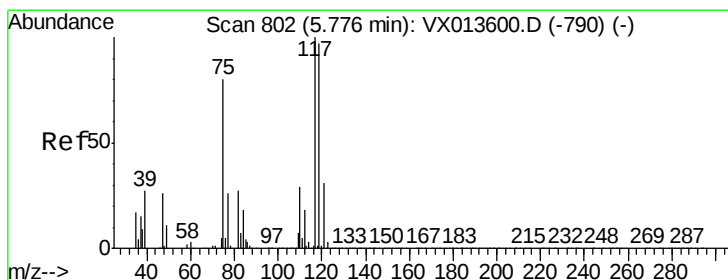
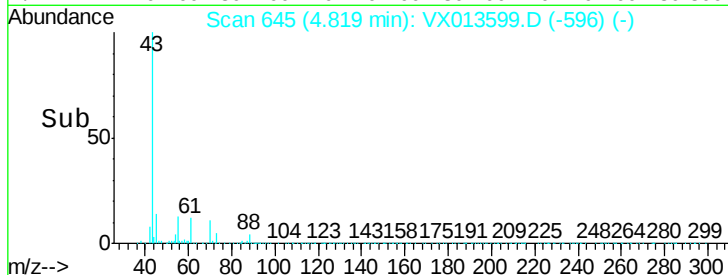
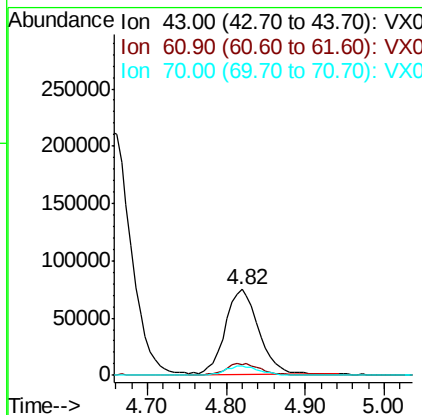
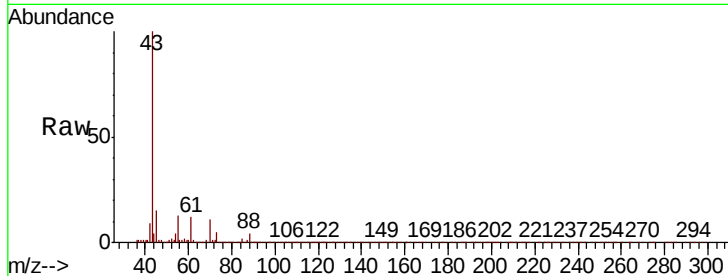
#37
Ethyl Acetate
Concen: 20.471 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:	43	Resp:	219923
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.4
70	10.9	8.6	12.8

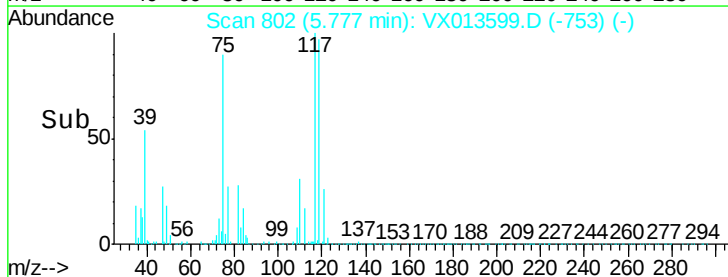
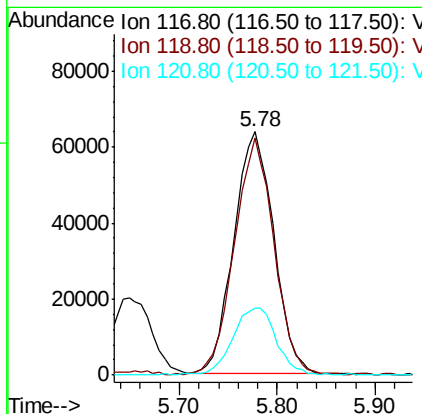
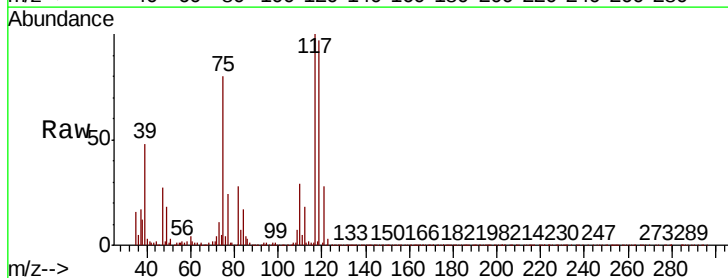
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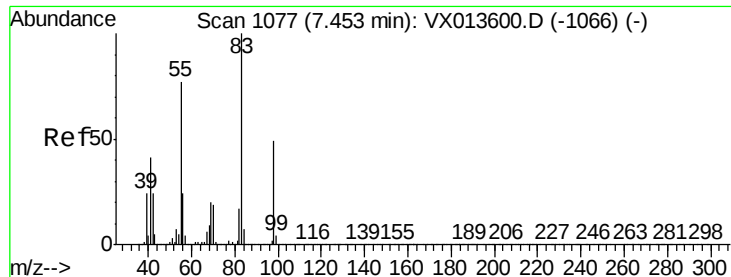
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#38
Carbon Tetrachloride
Concen: 21.316 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Tgt Ion:	117	Resp:	181448
Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.5	116.3
121	27.5	25.0	37.6





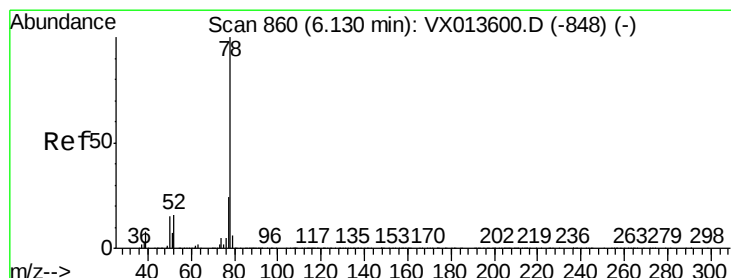
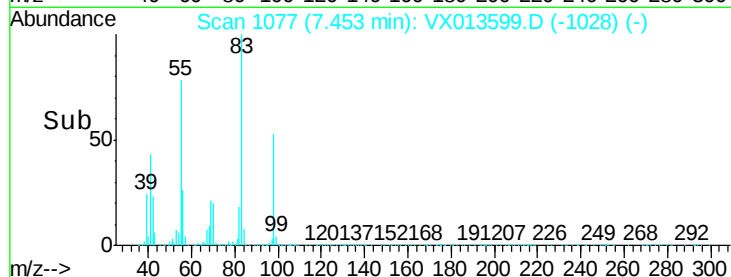
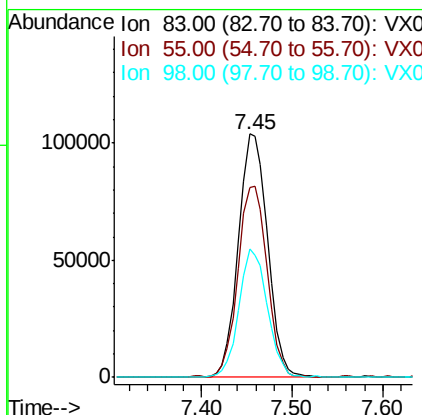
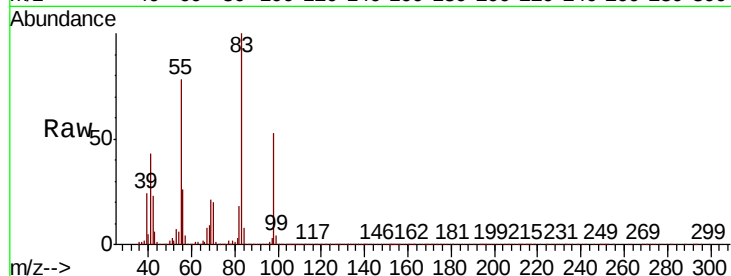
#39
Methvlcvclohexane
Concen: 21.024 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	61.9	92.9
98	52.6	39.4	59.0

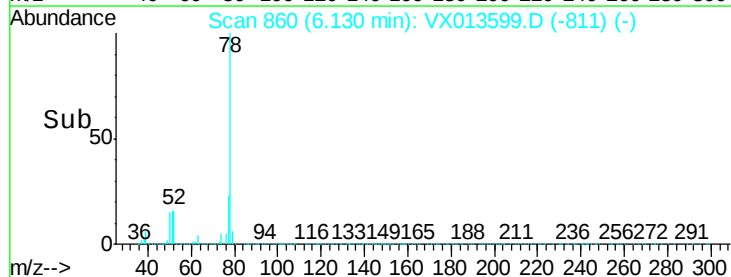
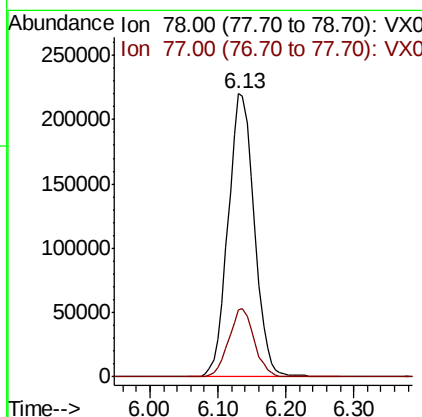
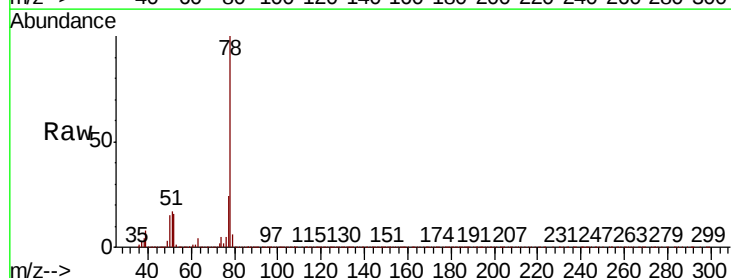
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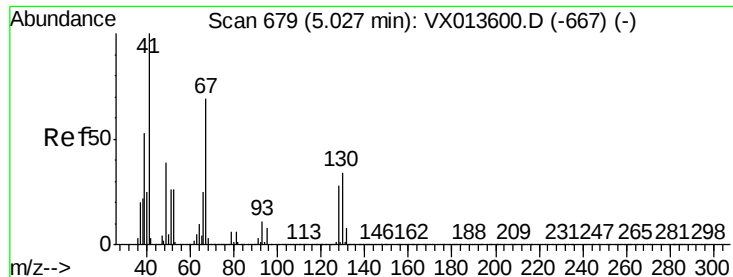
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#40
Benzene
Concen: 21.508 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





#41

Methacrylonitrile

Concen: 19.874 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

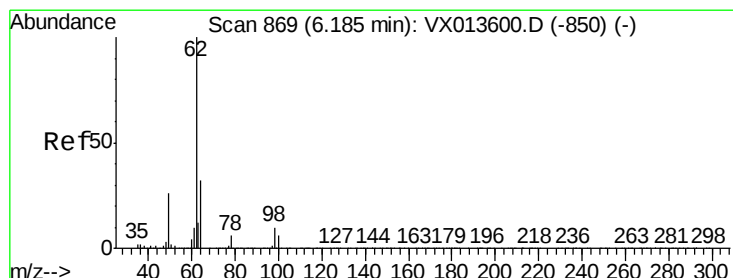
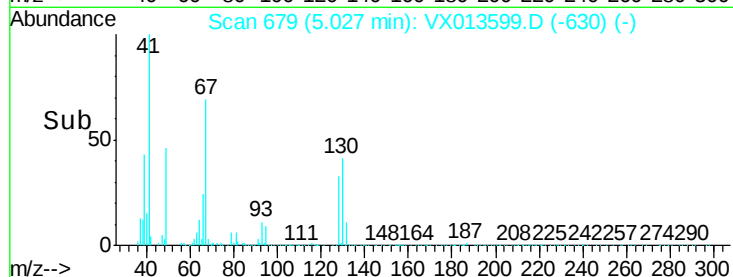
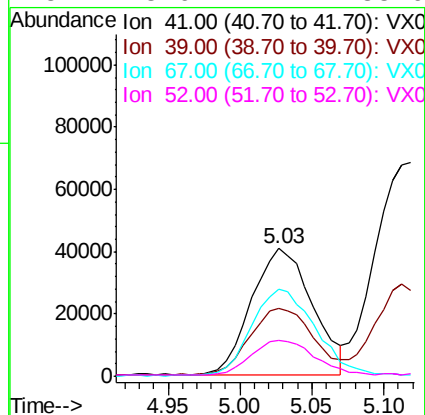
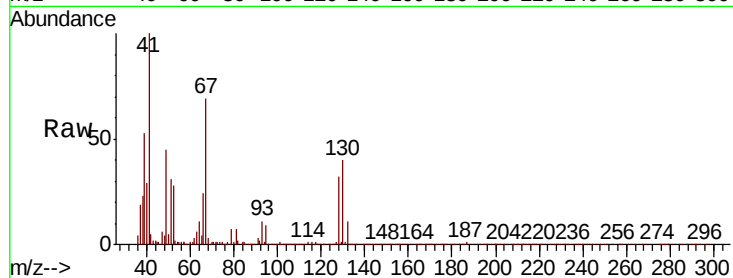
ClientSampleId :

VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.6	42.9	64.3	
67	71.1	57.4	86.0	
52	28.6	22.4	33.6	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 21.012 ug/l

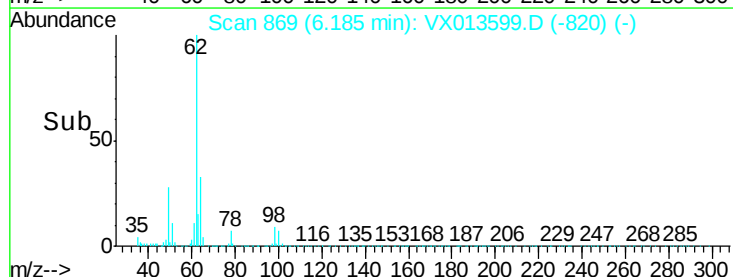
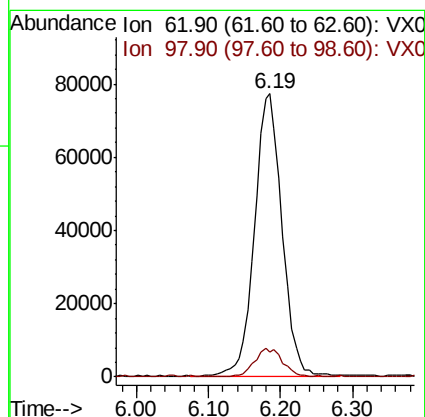
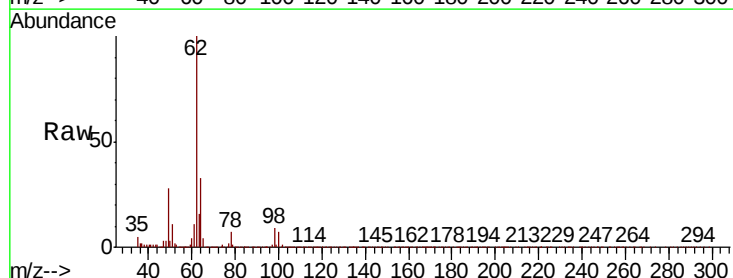
RT: 6.19 min Scan# 869

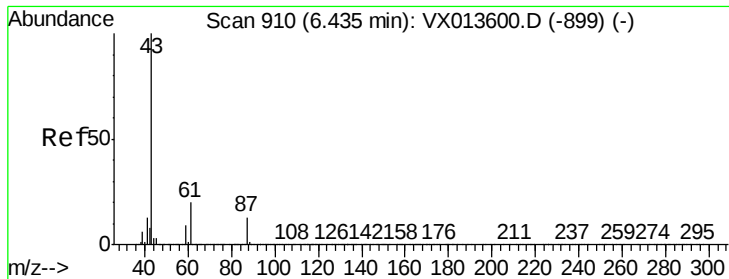
Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	20.8	





#43

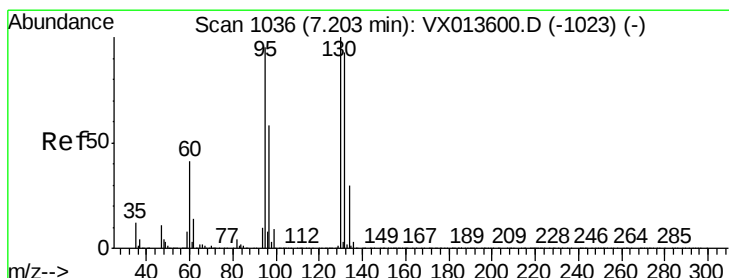
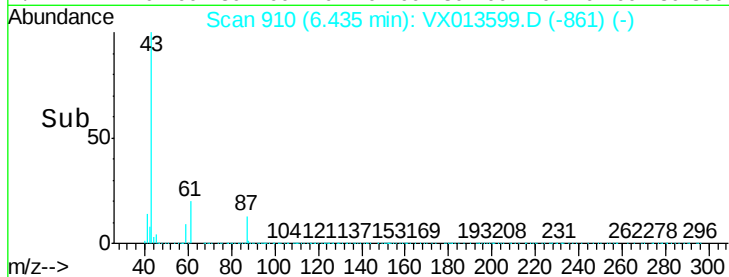
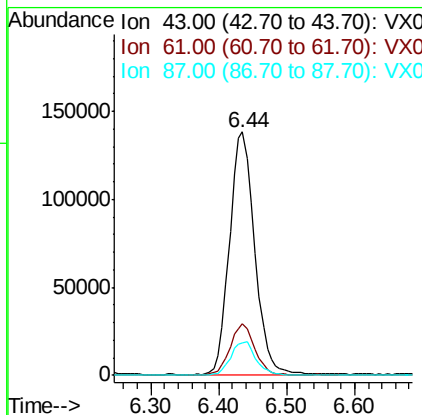
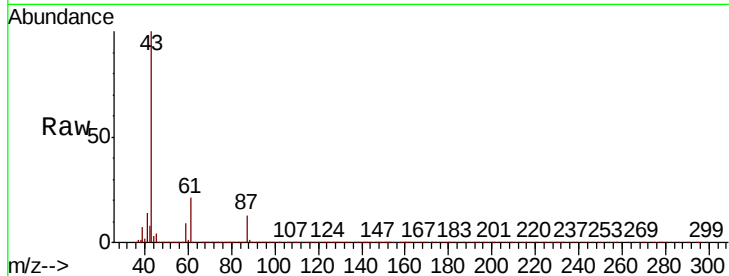
Isopropyl Acetate
 Concen: 21.114 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013599.D
 Acq: 26 Nov 2019 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:	43	Resp:	353900
Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.3	24.5
87	13.5	10.8	16.2

Manual Integrations
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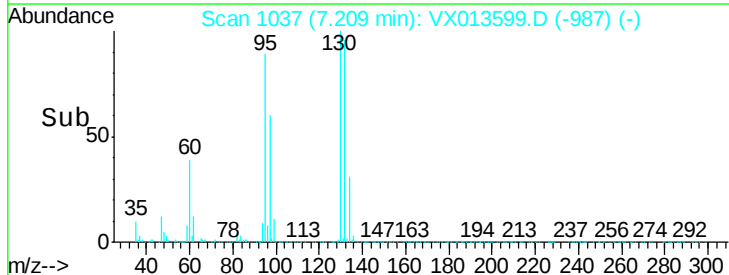
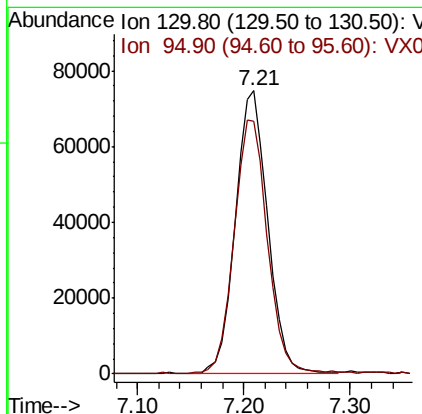
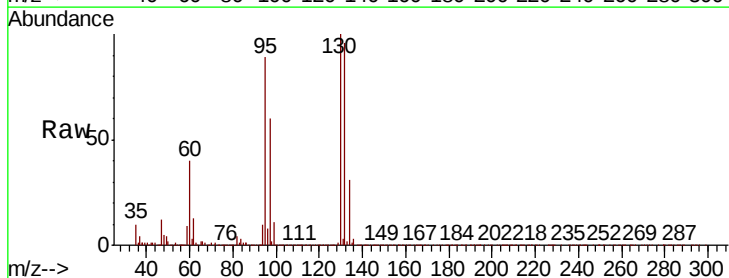
apatel
 11/27/2019 2:07:40 PM



#44

Trichloroethene
 Concen: 21.048 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013599.D
 Acq: 26 Nov 2019 14:18

Tgt Ion:	130	Resp:	158478
Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	190.8





#45

1,2-Dichloropropane

Concen: 21.610 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 150107

Ion Ratio Lower Upper

63 100

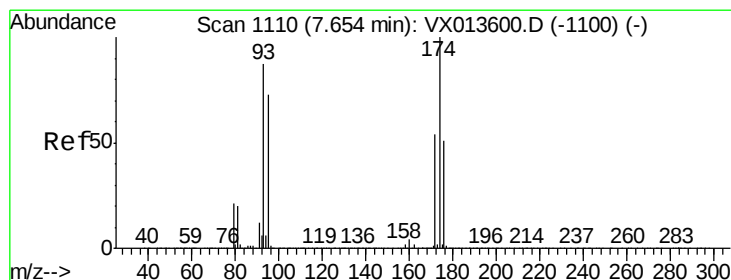
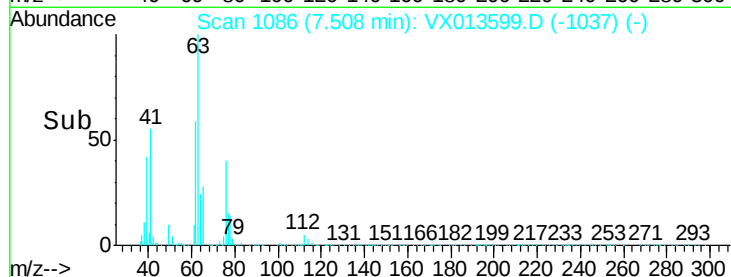
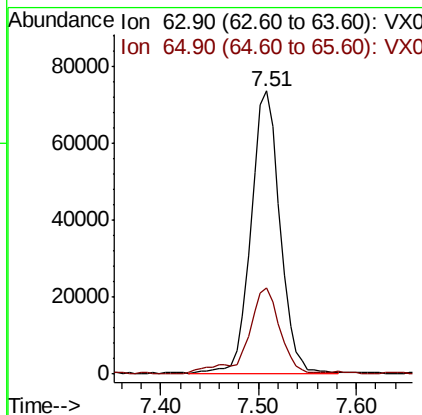
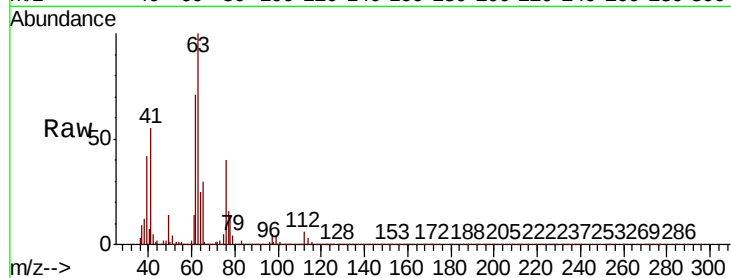
65 29.8 25.5 38.3

Manual Integrations

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#46

Dibromomethane

Concen: 20.680 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

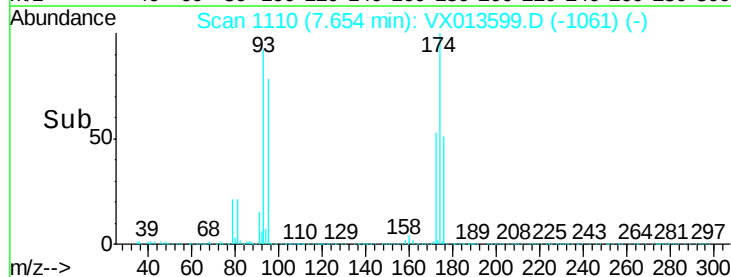
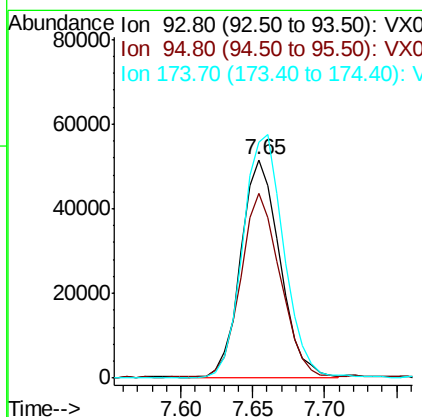
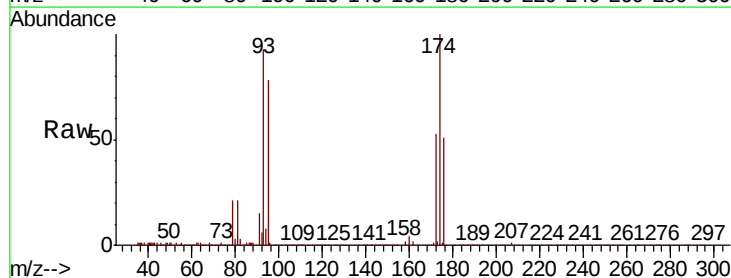
Tgt Ion: 93 Resp: 97608

Ion Ratio Lower Upper

93 100

95 85.7 66.2 99.2

174 116.8 93.4 140.0





#47

Bromodichloromethane

Concen: 21.234 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

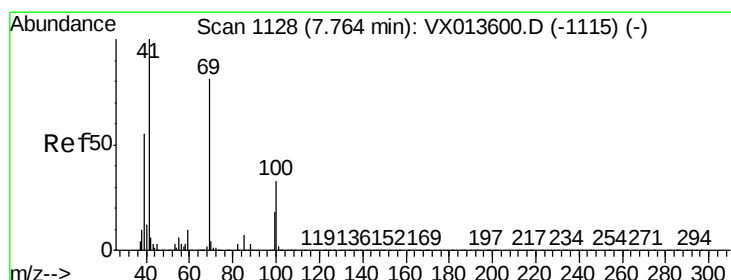
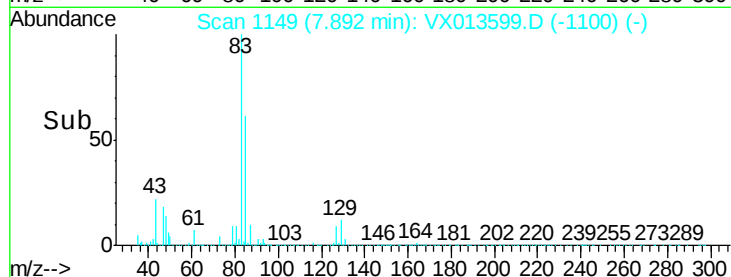
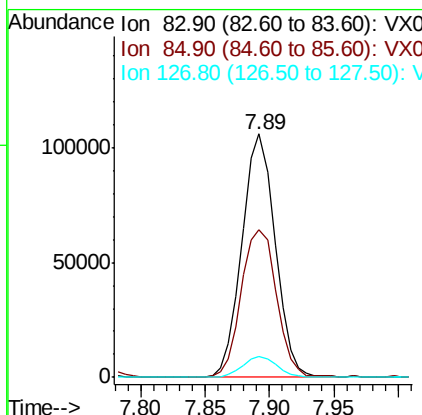
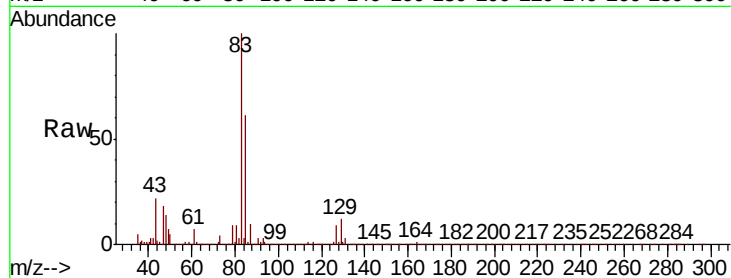
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	189348
Ion	Ratio	Lower	Upper
83	100		
85	60.4	52.1	78.1
127	8.5	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.985 ug/l

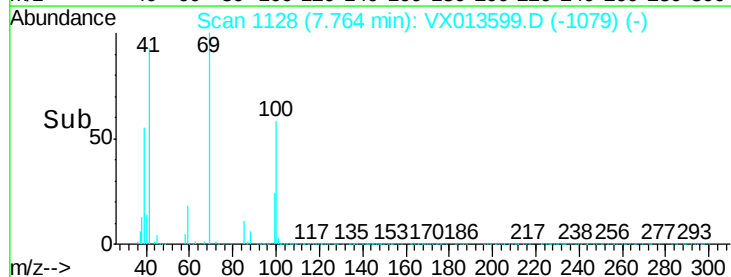
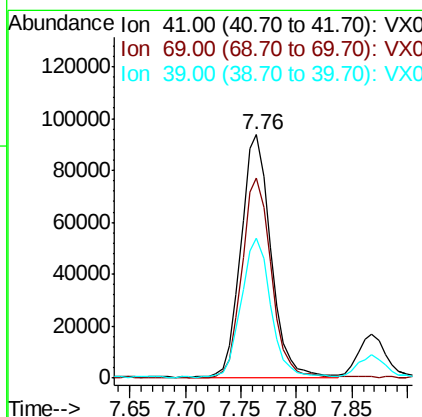
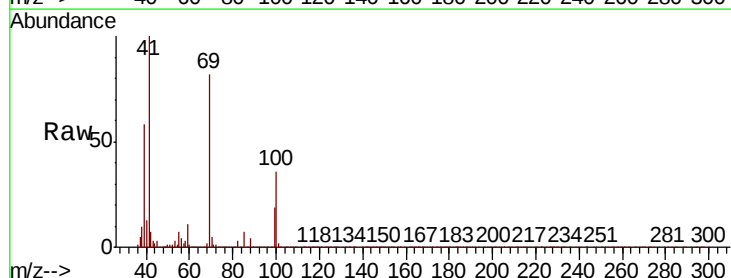
RT: 7.76 min Scan# 1128

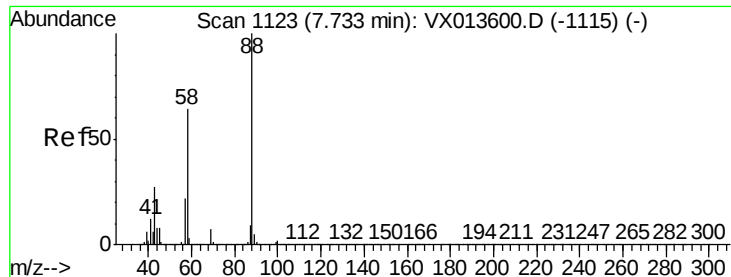
Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Tgt Ion:	41	Resp:	174920
Ion	Ratio	Lower	Upper
41	100		
69	81.5	64.7	97.1
39	56.3	43.8	65.6





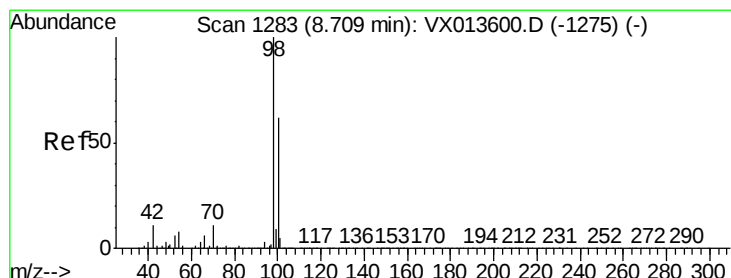
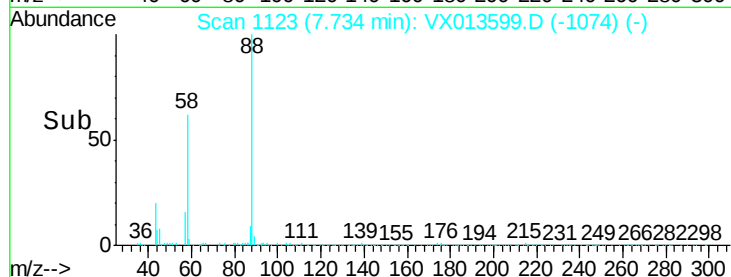
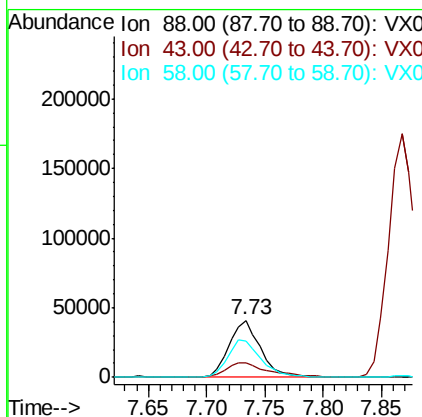
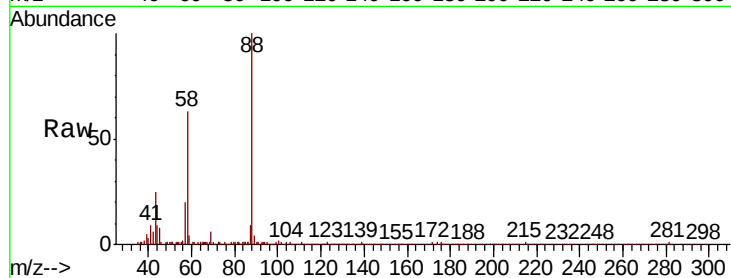
#49
1,4-Dioxane
Concen: 400.077 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.9	25.8	38.6
58	69.5	54.6	82.0

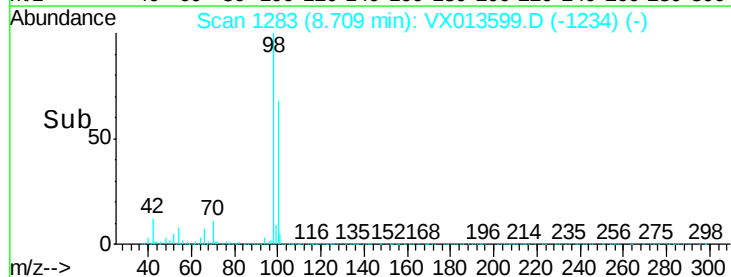
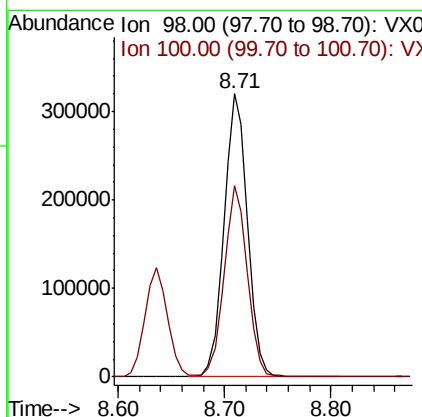
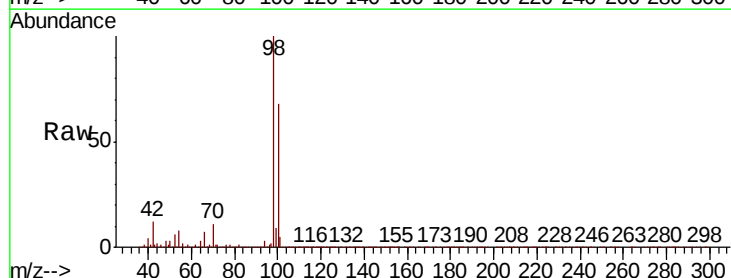
Manual Integrations
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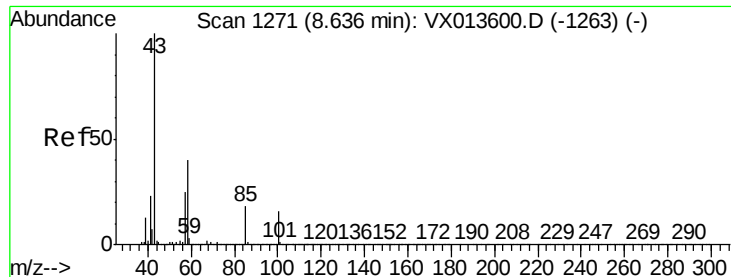
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#50
Toluene-d8
Concen: 20.477 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 102.940 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 1125195

Ion Ratio Lower Upper

43 100

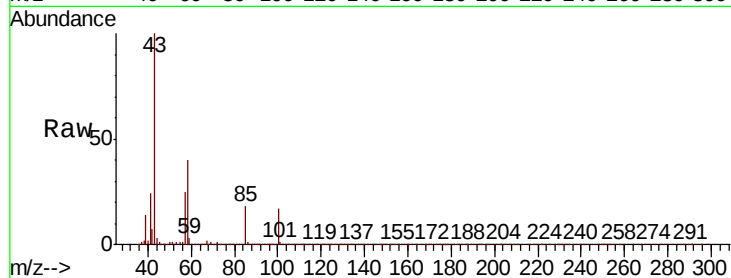
58 40.0 32.1 48.1

Manual Integrations

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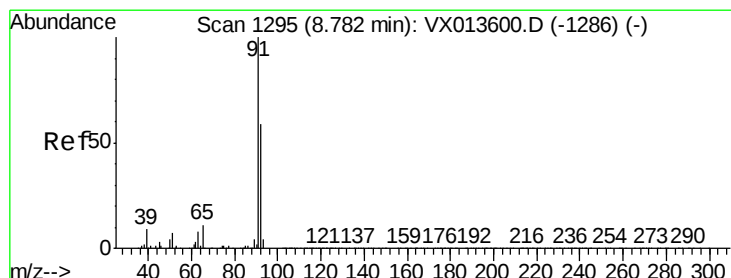
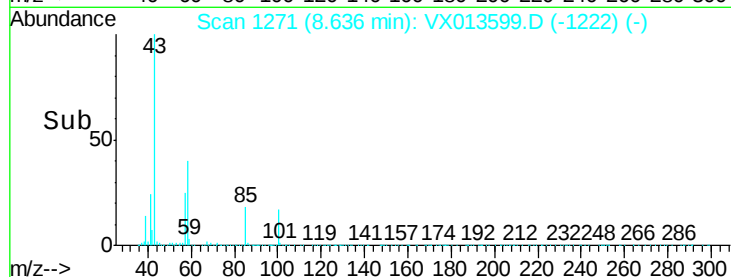
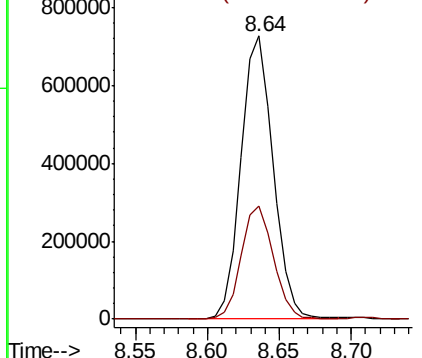
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.606 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013599.D

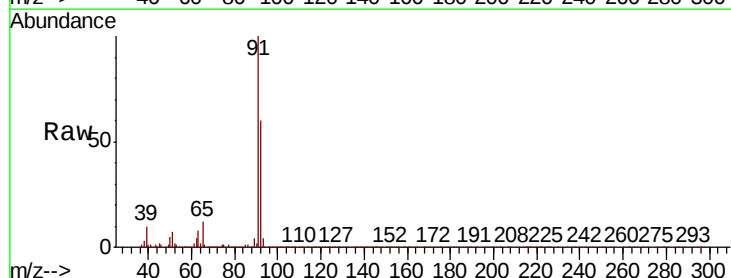
Acq: 26 Nov 2019 14:18

Tgt Ion: 92 Resp: 365776

Ion Ratio Lower Upper

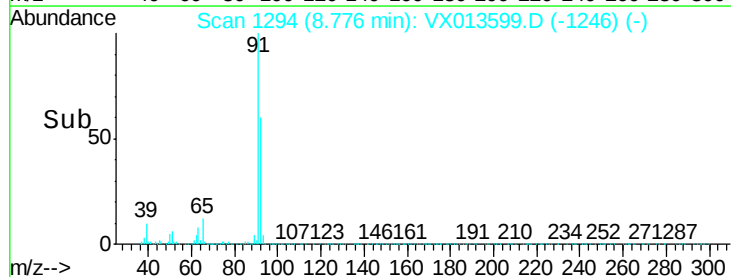
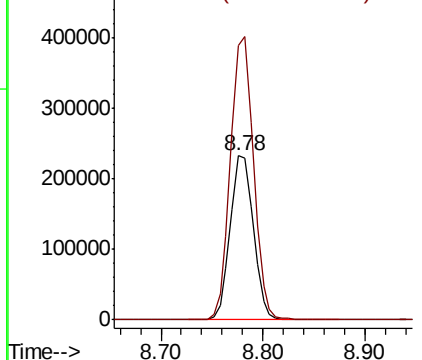
92 100

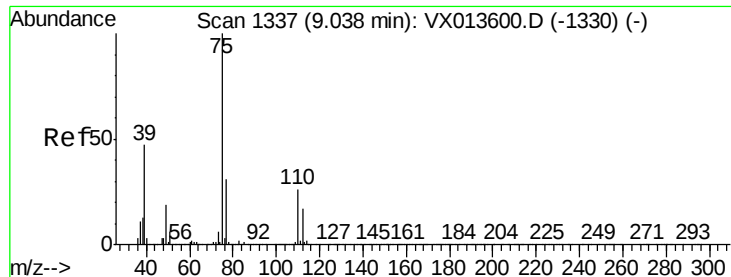
91 171.2 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





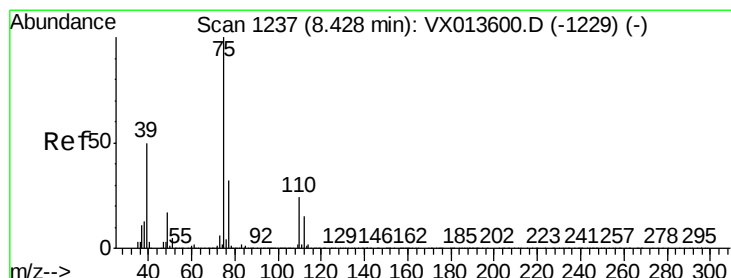
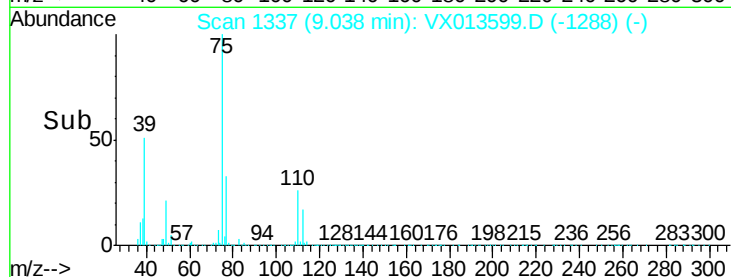
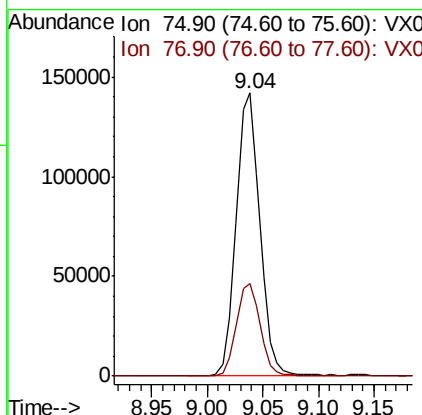
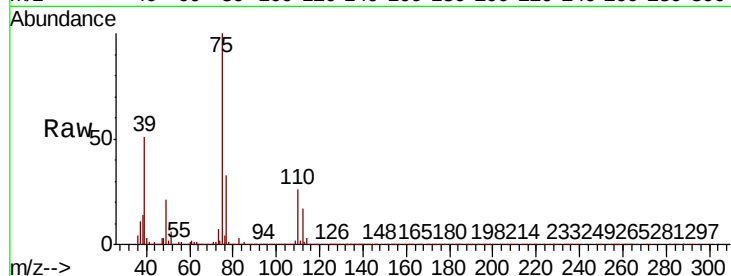
#53
t-1,3-Dichloropropene
Concen: 21.301 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.4	36.6

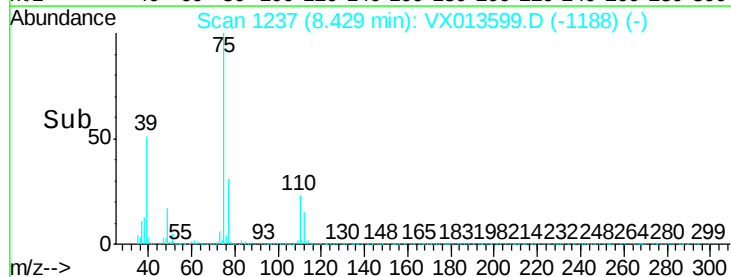
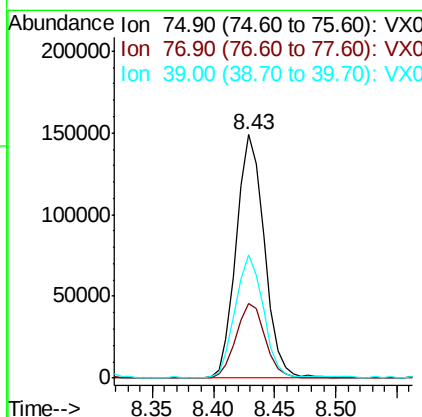
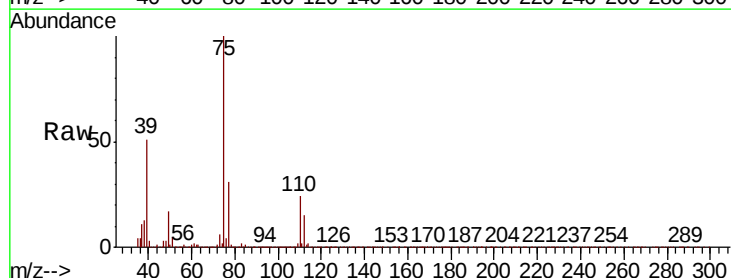
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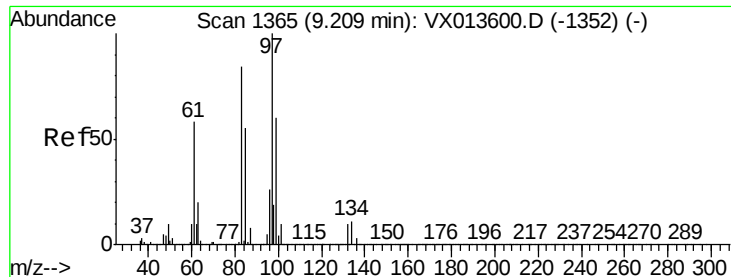
apatel
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#54
cis-1,3-Dichloropropene
Concen: 21.578 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.8	38.6
39	50.7	39.9	59.9





#55

1,1,2-Trichloroethane

Concen: 20.978 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

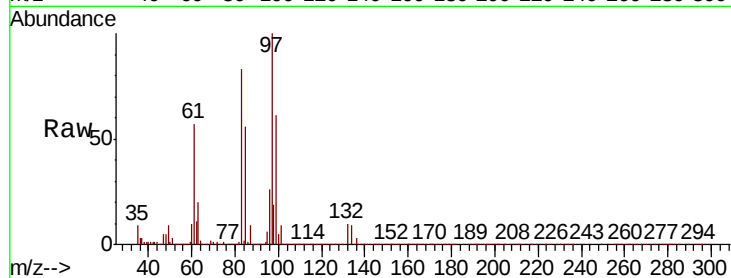
ClientSampleId :

VSTDIC020

Tot Ion:	97	Resp:	146576
Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.3	100.9
85	55.4	43.6	65.4
99	60.5	48.2	72.4

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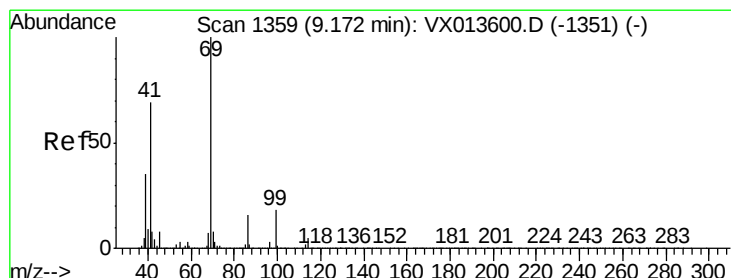
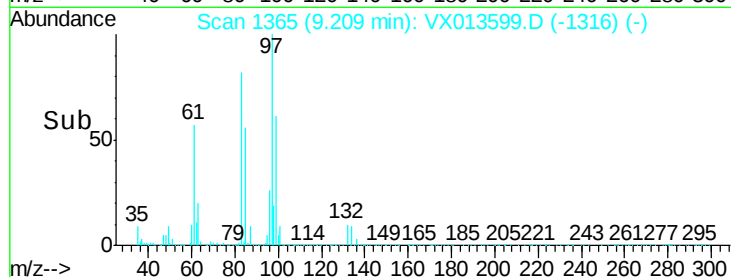
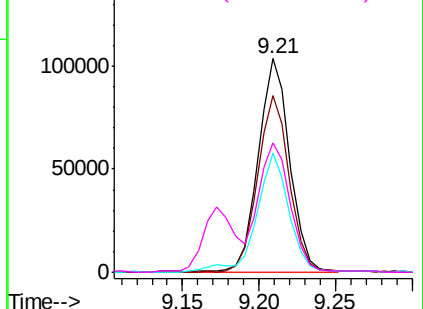
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 22.009 ug/l

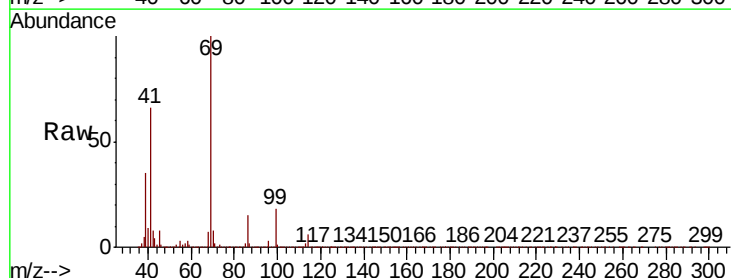
RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Tgt Ion:	69	Resp:	238060
Ion	Ratio	Lower	Upper
69	100		
41	67.3	55.0	82.4
39	36.2	28.7	43.1

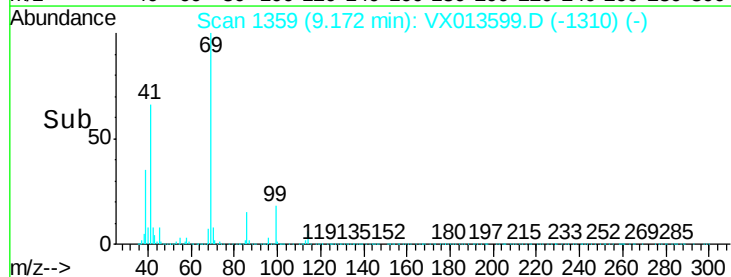
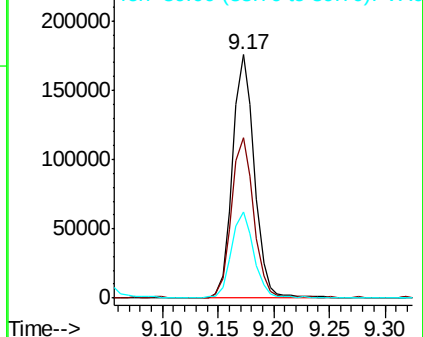


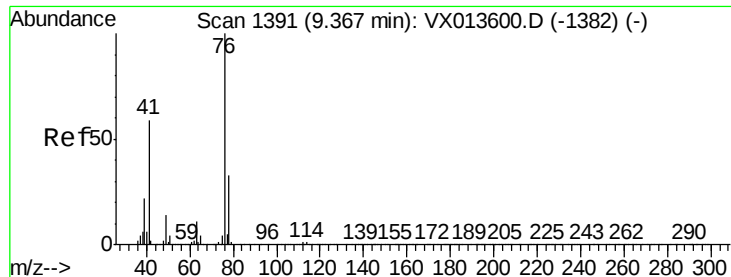
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 21.494 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 254985

Ion Ratio Lower Upper

76 100

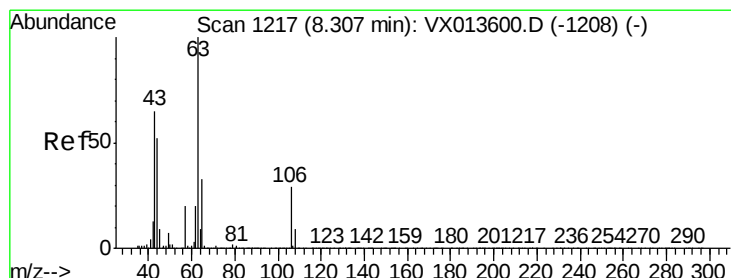
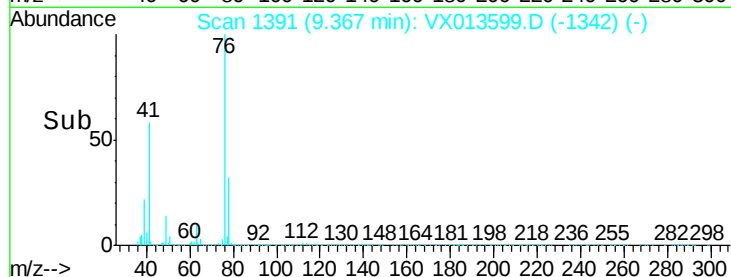
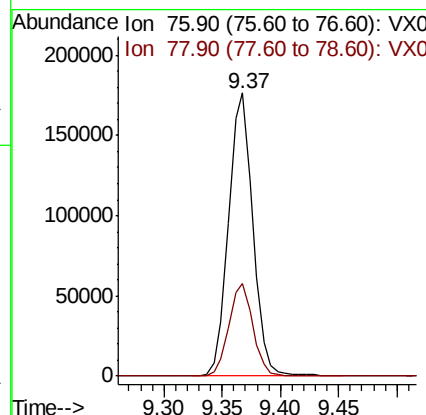
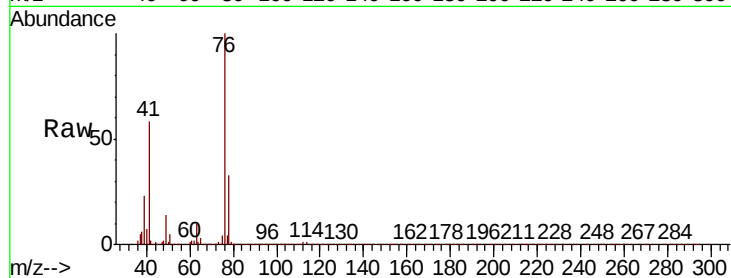
78 32.7 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 95.649 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013599.D

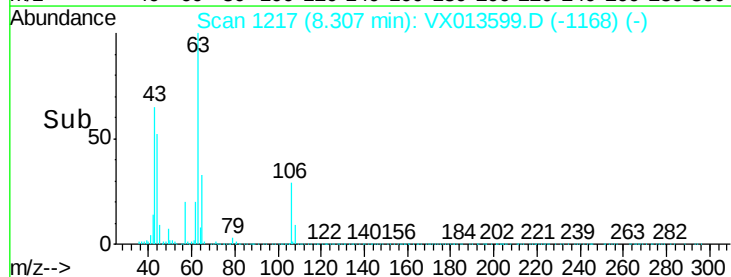
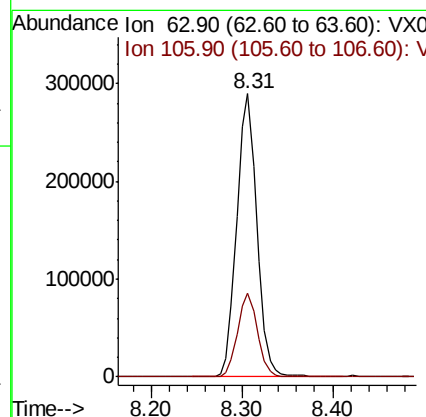
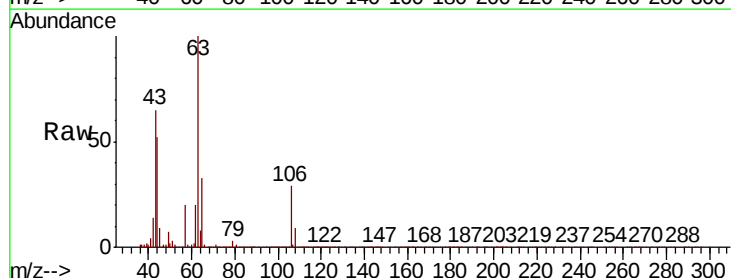
Acq: 26 Nov 2019 14:18

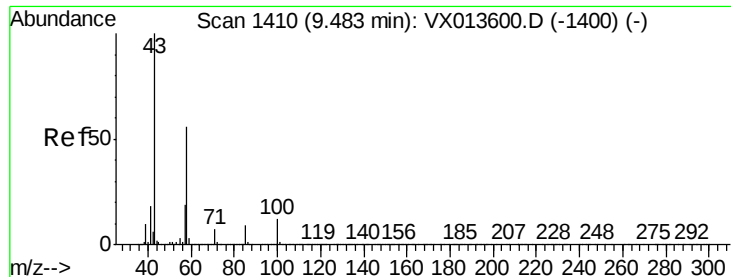
Tgt Ion: 63 Resp: 447125

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.0





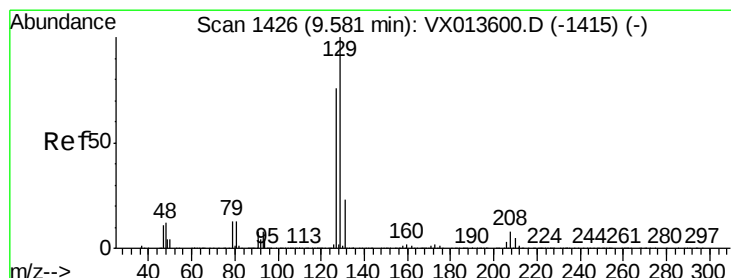
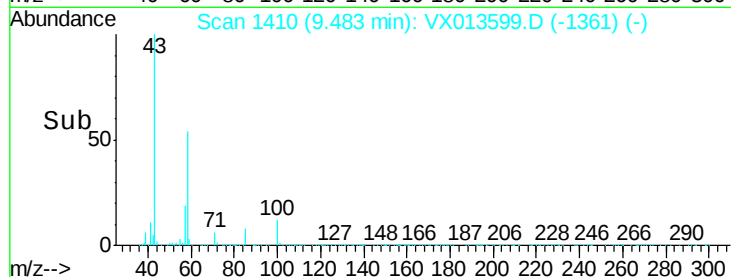
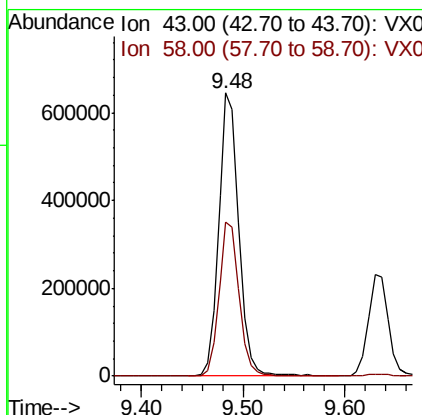
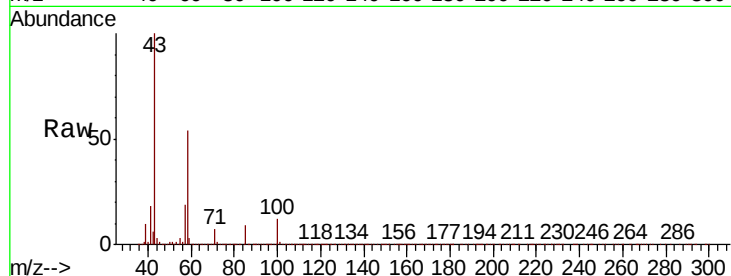
#59
2-Hexanone
Concen: 104.885 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.7	28.1	84.4

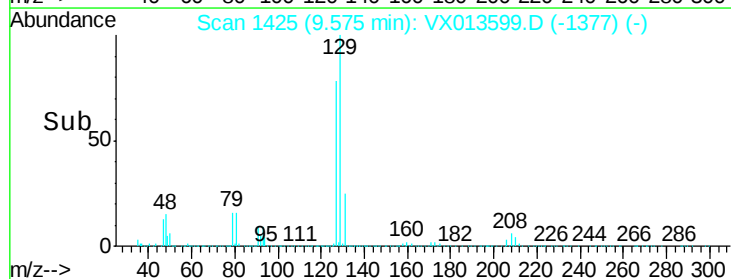
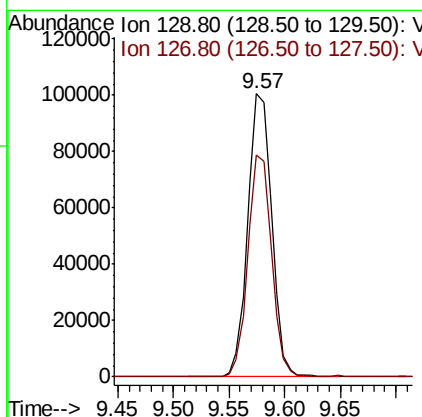
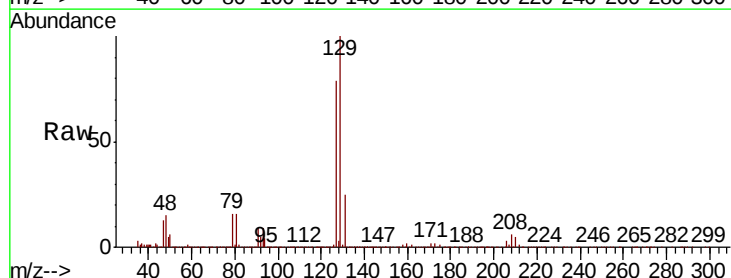
Manual Integrations
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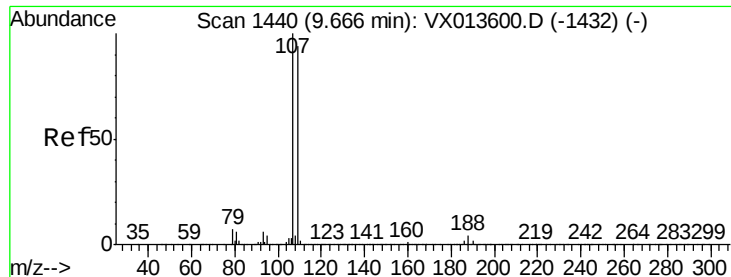
apatel
11/27/2019 2:07:40 PM



#60
Dibromochloromethane
Concen: 21.088 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.5	115.5





#61

1,2-Dibromoethane

Concen: 21.004 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 107 Resp: 155435

Ion Ratio Lower Upper

107 100

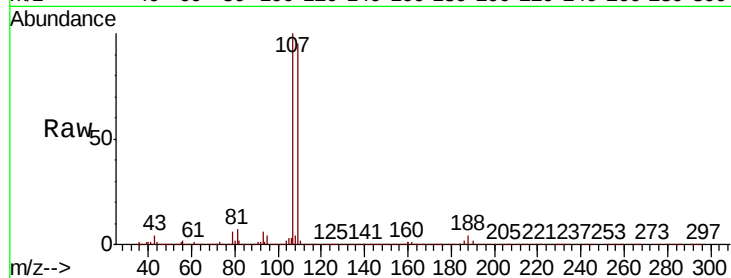
109 95.0 76.1 114.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

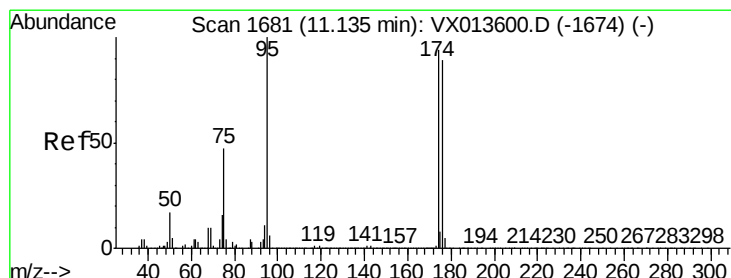
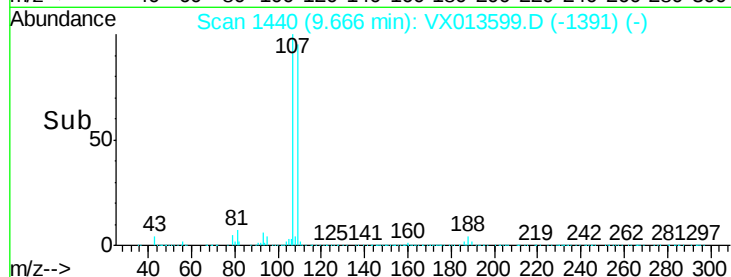
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 19.780 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

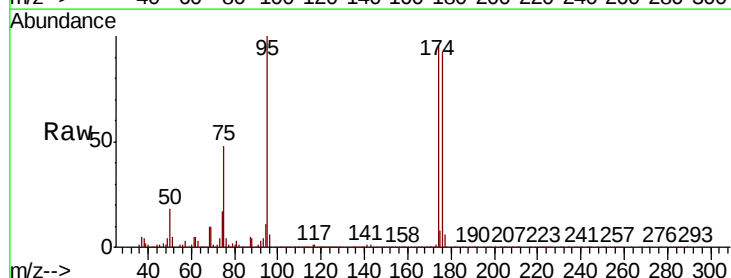
Tgt Ion: 95 Resp: 171597

Ion Ratio Lower Upper

95 100

174 88.7 0.0 180.0

176 86.5 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

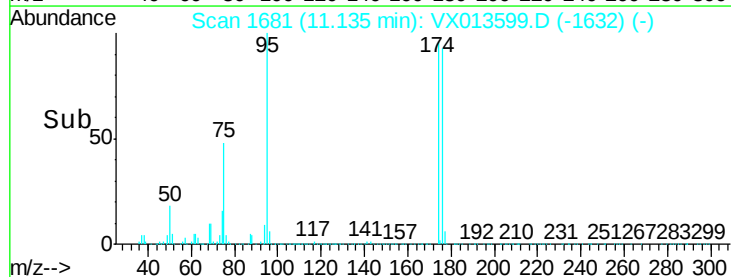
150000

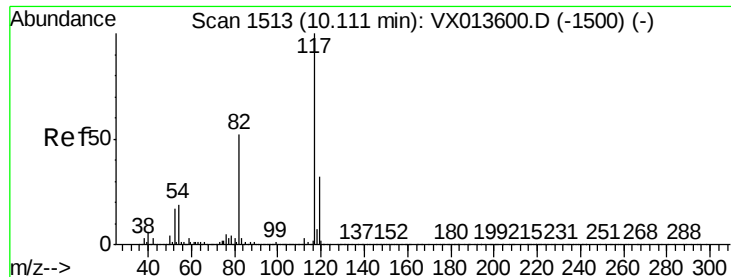
100000

50000

0

Time-->





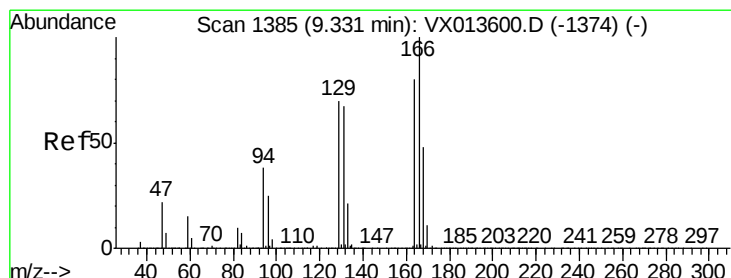
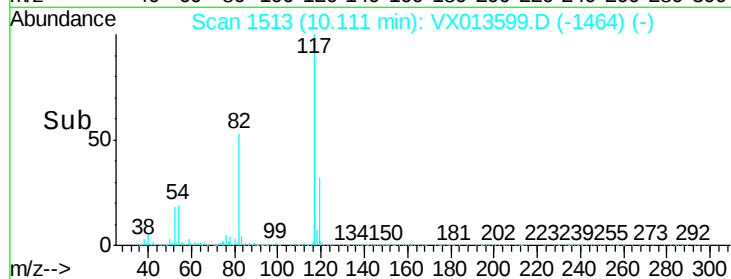
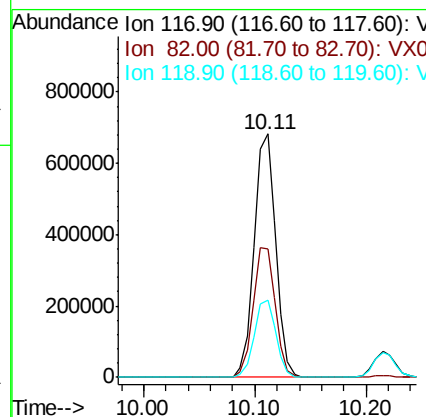
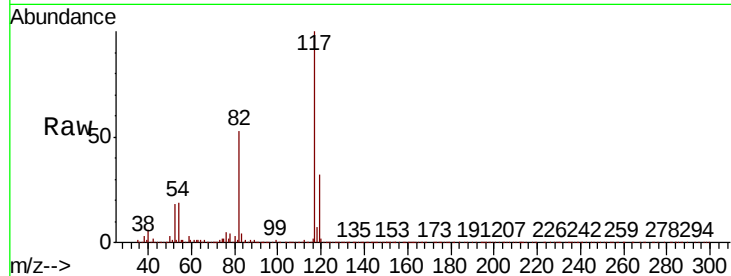
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	915851		
82	52.9	41.8	62.8	
119	31.7	25.8	38.8	

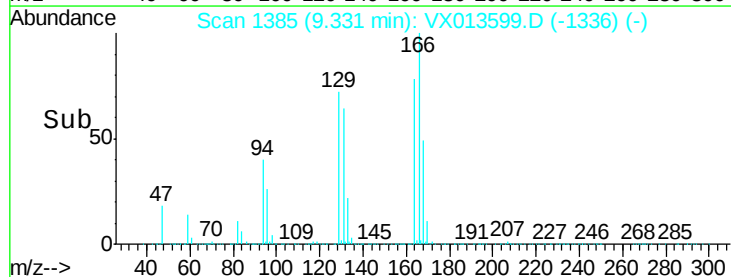
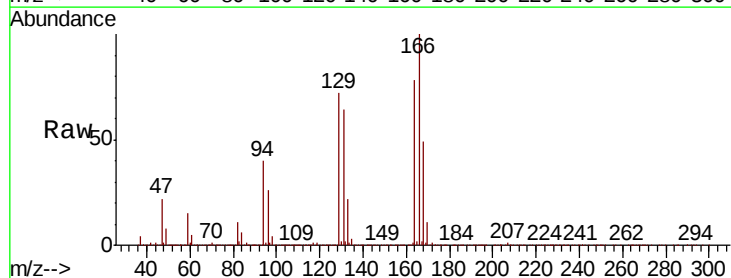
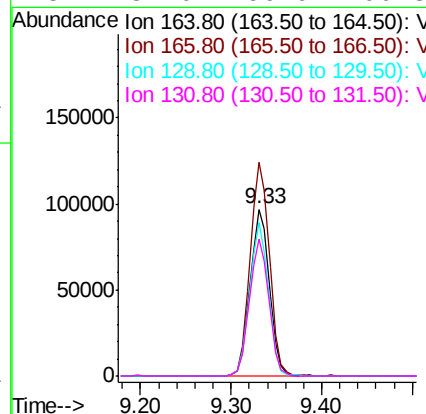
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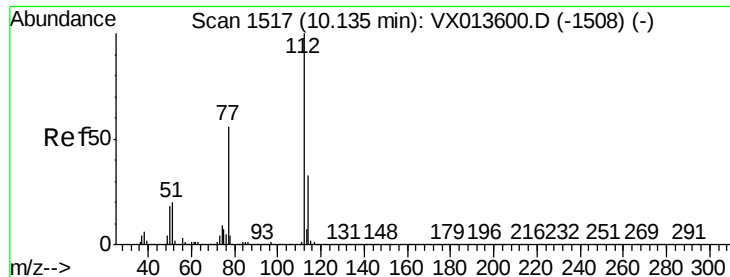
apatel
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#64
Tetrachloroethene
Concen: 21.815 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	142540		
166	127.8	99.7	149.5	
129	91.5	70.1	105.1	
131	82.0	66.9	100.3	





#65

Chlorobenzene

Concen: 21.308 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:112 Resp: 393711

Ion Ratio Lower Upper

112 100

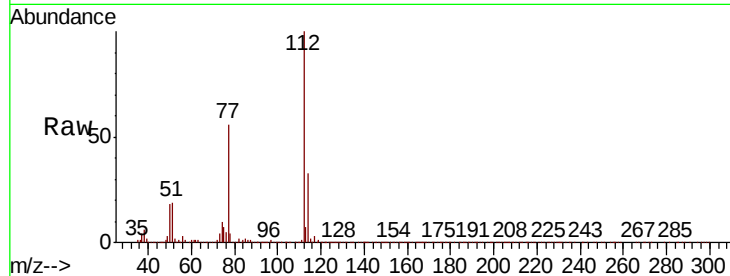
114 32.9 26.1 39.1

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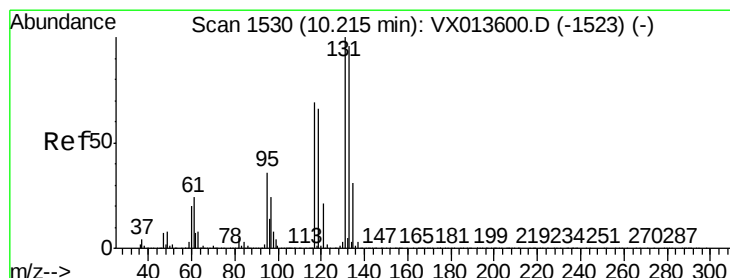
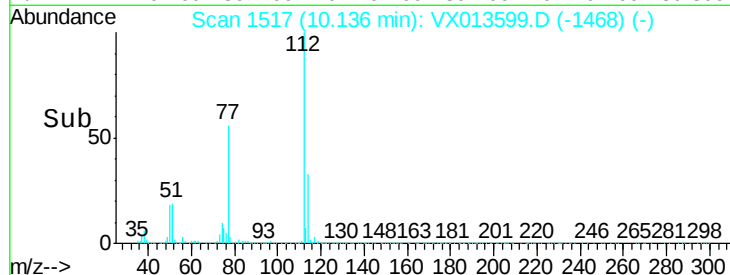
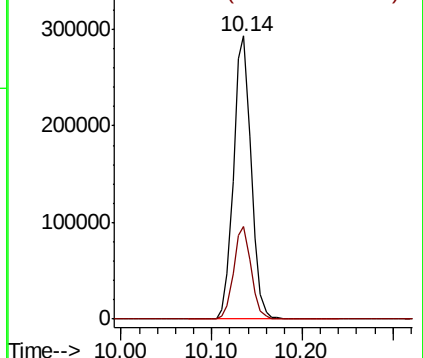
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.081 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

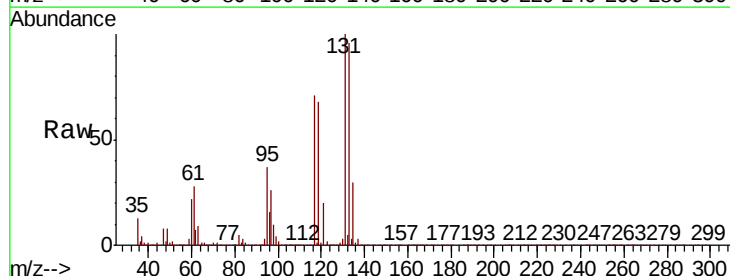
Tgt Ion:131 Resp: 142718

Ion Ratio Lower Upper

131 100

133 97.8 47.7 143.1

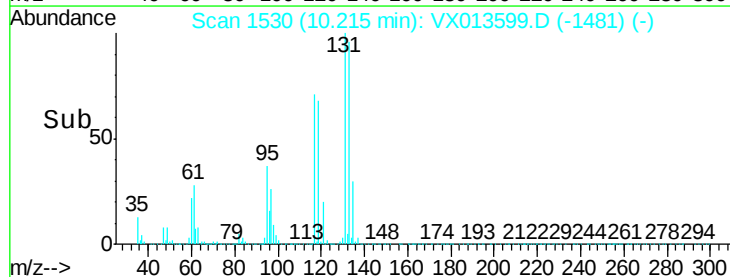
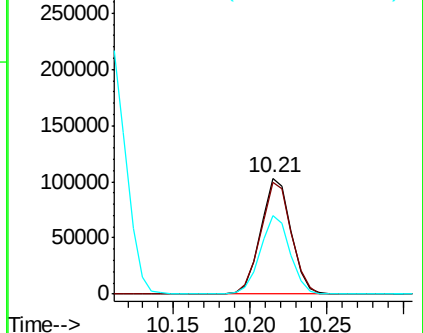
119 66.5 32.9 98.6

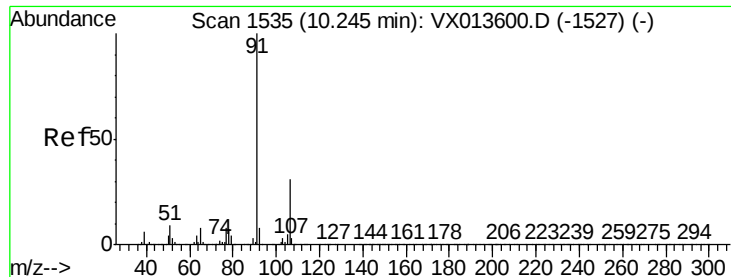


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.648 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 691120

Ion Ratio Lower Upper

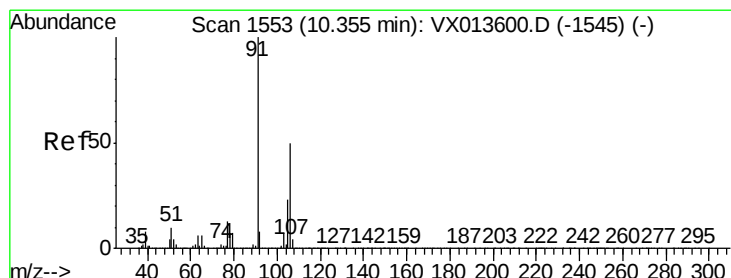
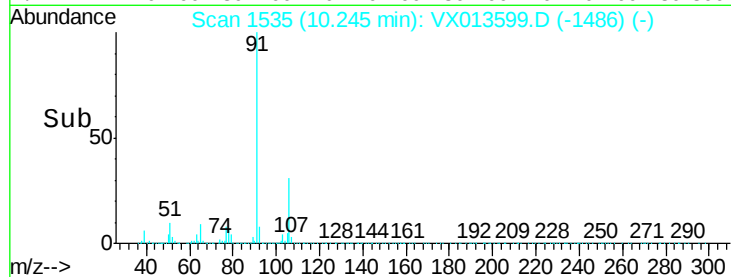
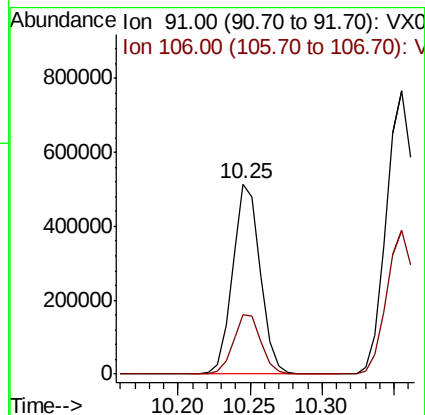
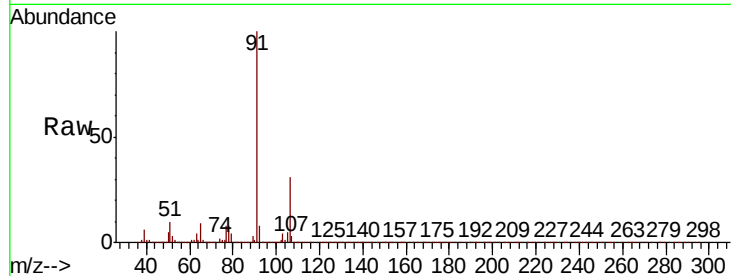
91 100

106 31.0 24.5 36.7

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#68

m/p-Xylenes

Concen: 43.574 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013599.D

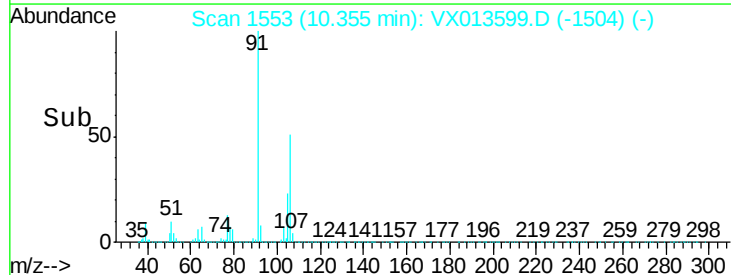
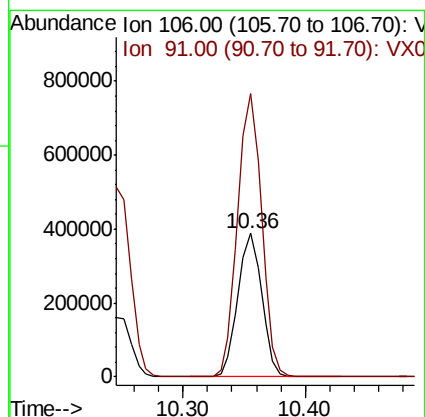
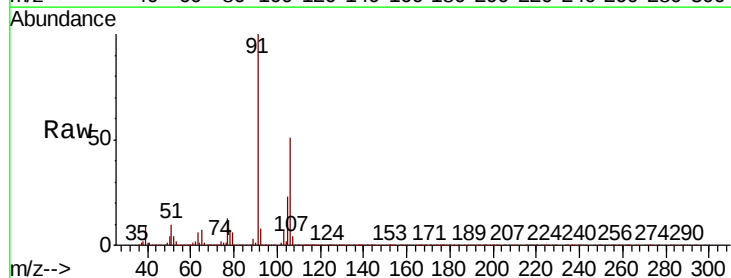
Acq: 26 Nov 2019 14:18

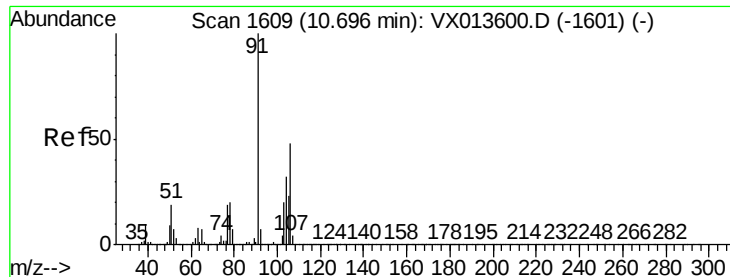
Tgt Ion: 106 Resp: 524741

Ion Ratio Lower Upper

106 100

91 198.7 159.0 238.4





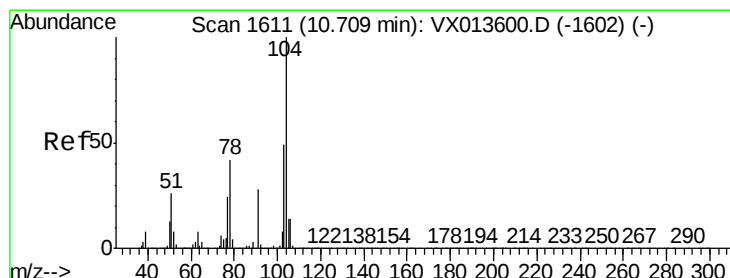
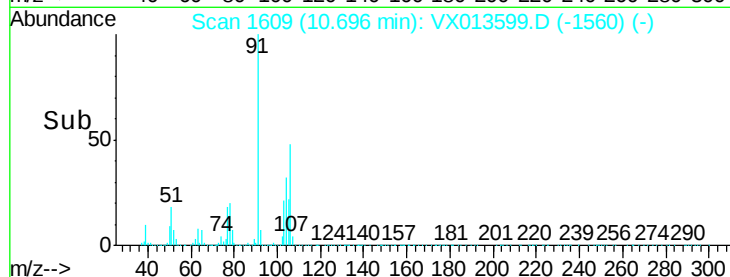
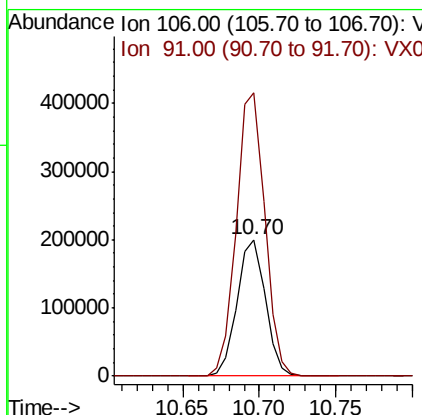
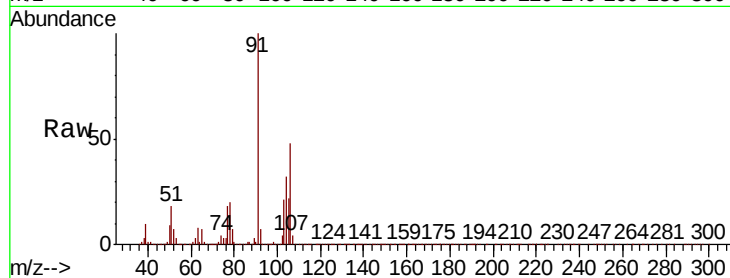
#69
o-Xylene
Concen: 21.746 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:106 Resp: 257406
Ion Ratio Lower Upper
106 100
91 209.8 104.1 312.2

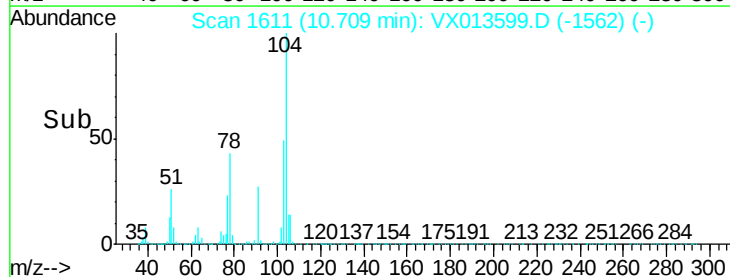
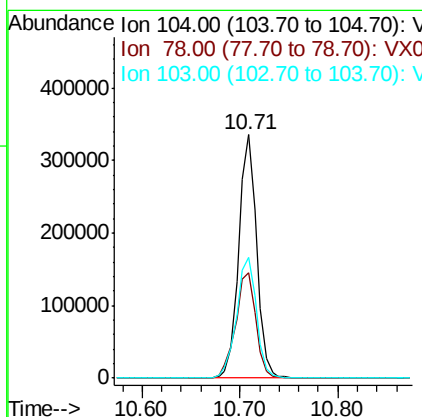
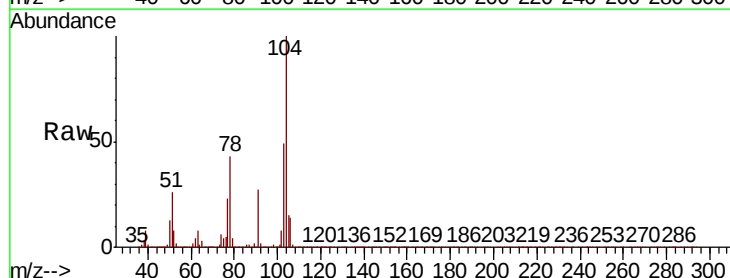
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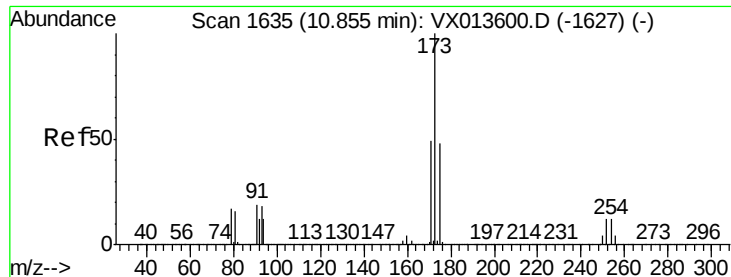
apatel
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#70
Styrene
Concen: 21.663 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Tgt Ion:104 Resp: 427468
Ion Ratio Lower Upper
104 100
78 48.7 38.5 57.7
103 55.0 43.7 65.5





#71

Bromoform

Concen: 20.880 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:173 Resp: 114385

Ion Ratio Lower Upper

173 100

175 49.4 24.3 72.8

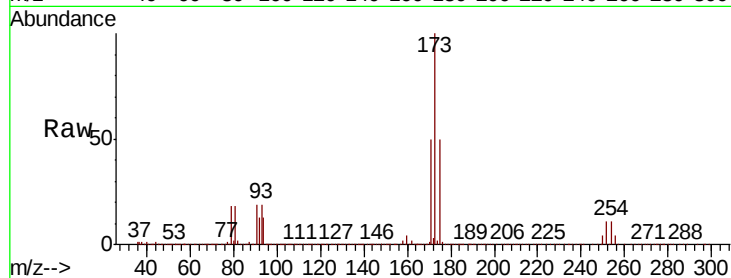
254 0.2 0.2 0.4

Manual Integrations

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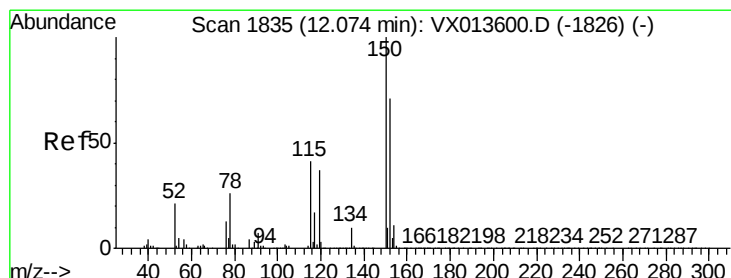
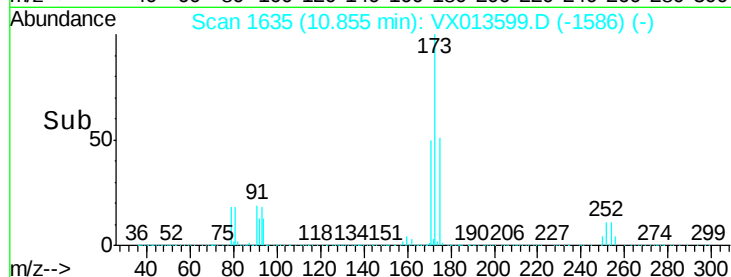
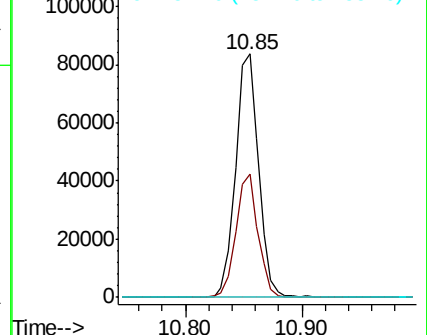
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

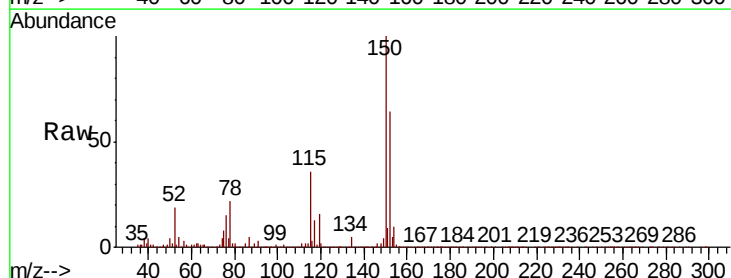
Tgt Ion:152 Resp: 448927

Ion Ratio Lower Upper

152 100

115 64.8 38.4 115.1

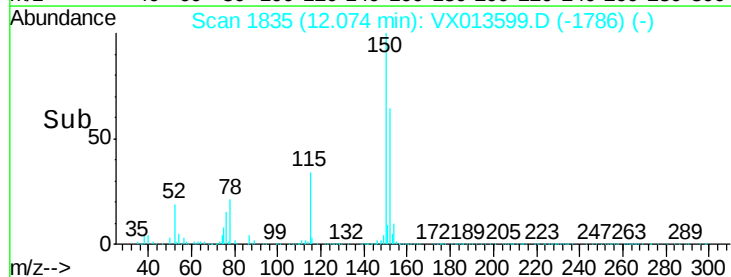
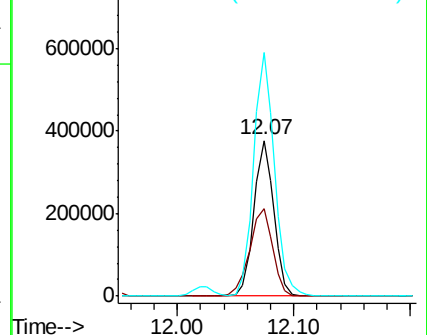
150 164.2 0.0 346.8

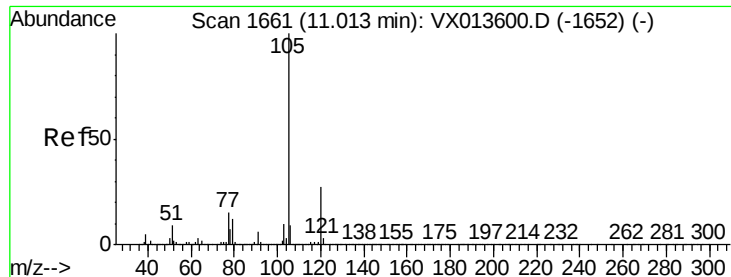


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.637 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 674791

Ion Ratio Lower Upper

105 100

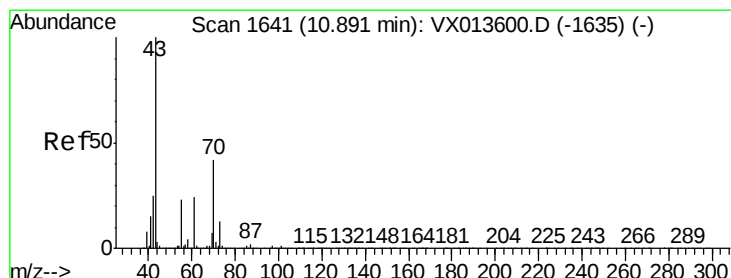
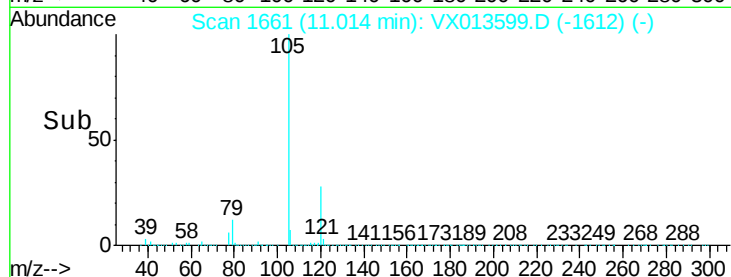
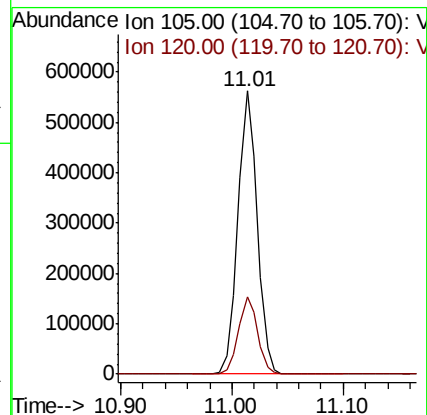
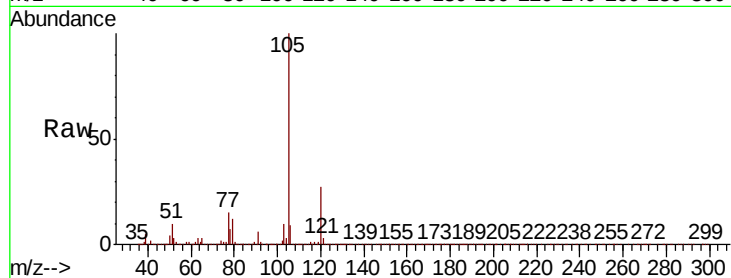
120 26.9 13.5 40.5

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#74

N-ethyl acetate

Concen: 22.069 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Tgt Ion: 43 Resp: 303531

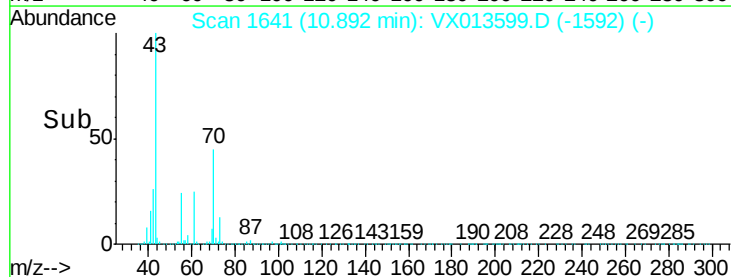
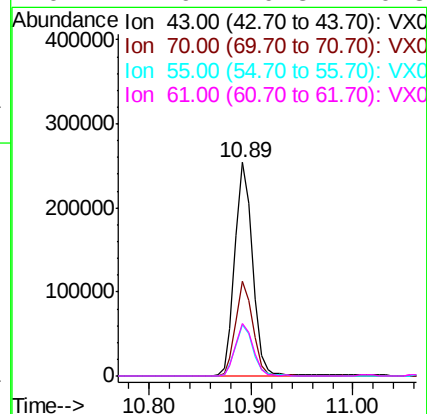
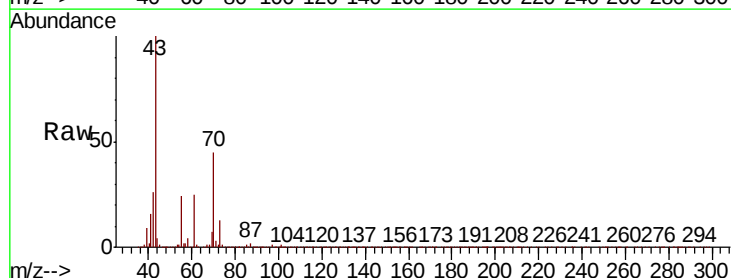
Ion Ratio Lower Upper

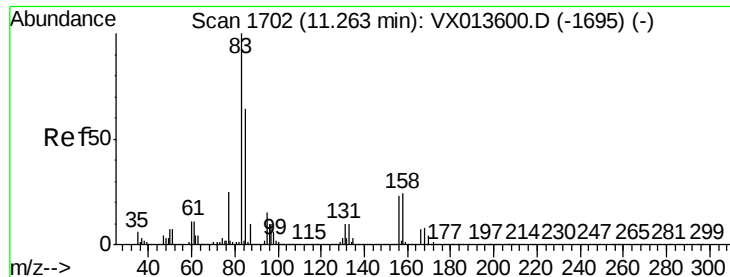
43 100

70 43.9 34.3 51.5

55 23.9 18.5 27.7

61 24.9 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.720 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

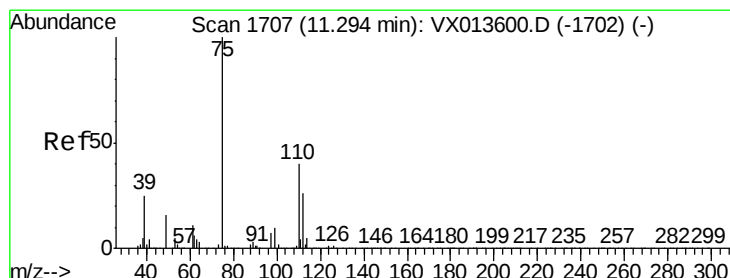
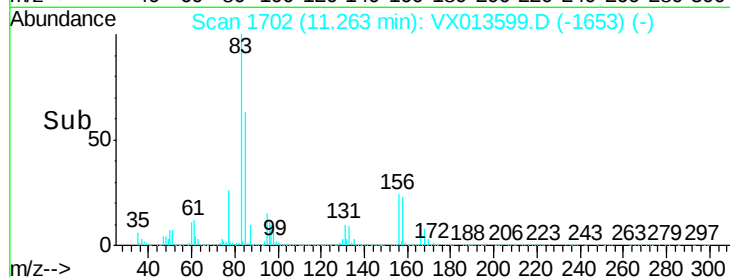
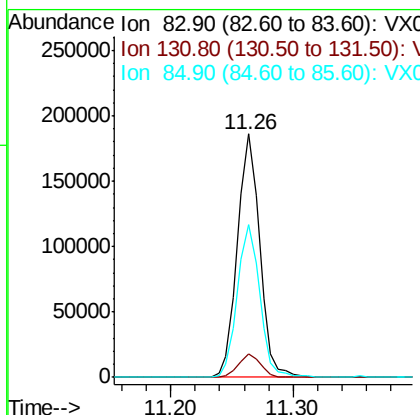
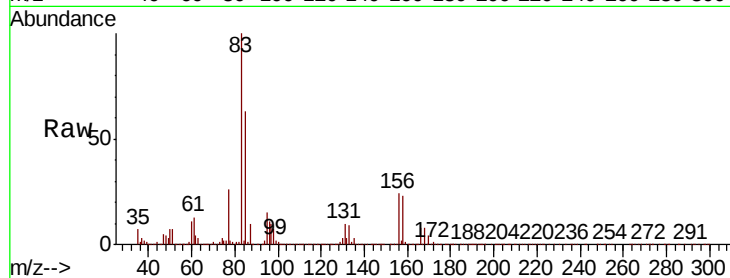
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	234867
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.3
85	63.2	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 23.273 ug/l m

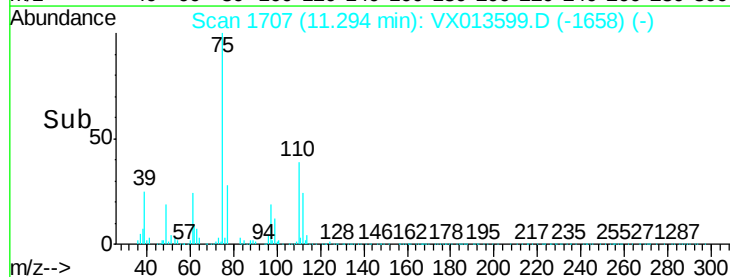
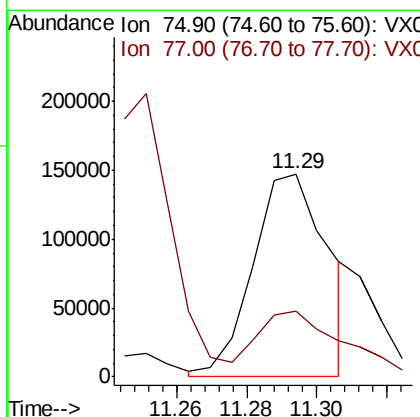
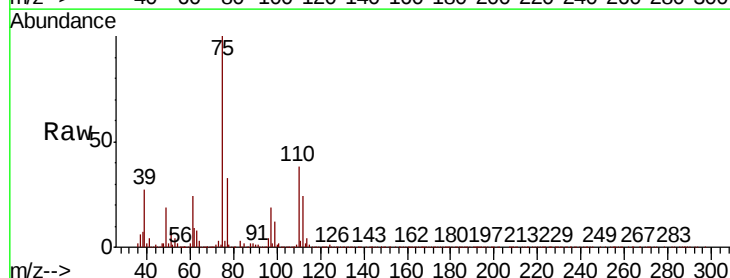
RT: 11.29 min Scan# 1707

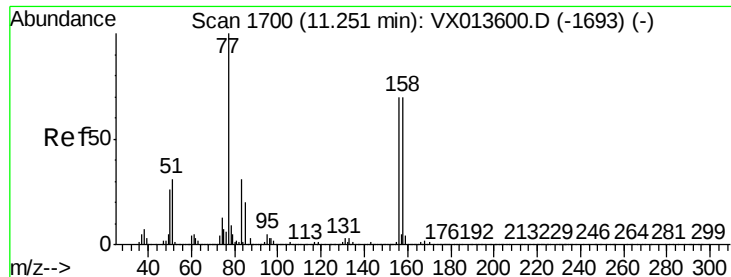
Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Tgt Ion:	75	Resp:	217400
Ion Ratio	Lower	Upper	
75	100		
77	37.2	19.1	57.5





#77

Bromobenzene

Concen: 22.304 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

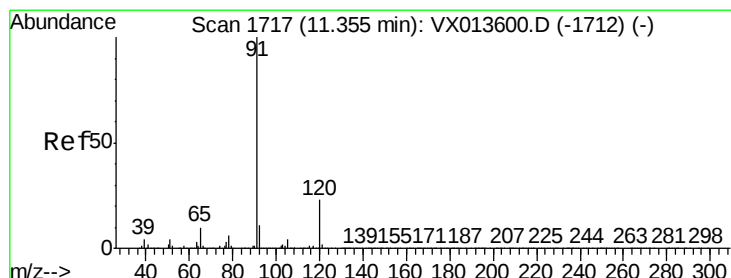
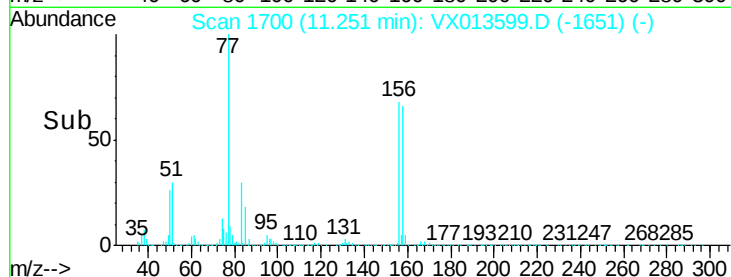
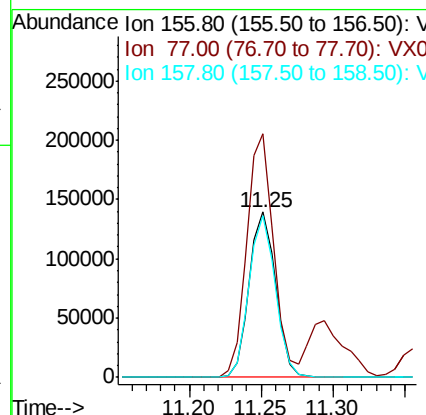
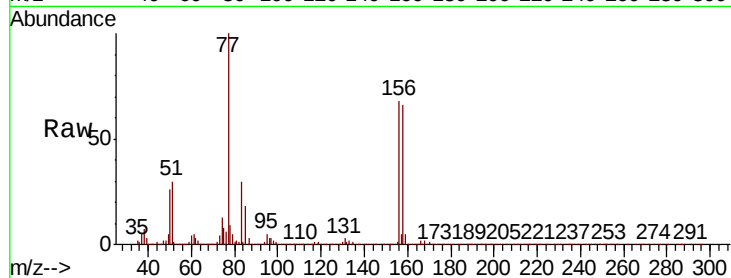
ClientSampleId :

VSTDIC020

Tot Ion:	156	Resp:	177233
Ion Ratio	Lower	Upper	
156	100		
77	149.5	74.4	223.1
158	97.1	48.9	146.6

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#78

n-propylbenzene

Concen: 22.771 ug/l

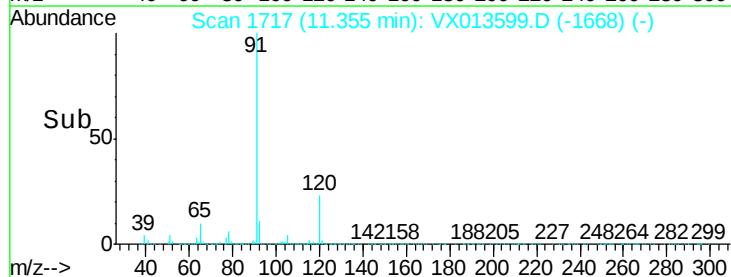
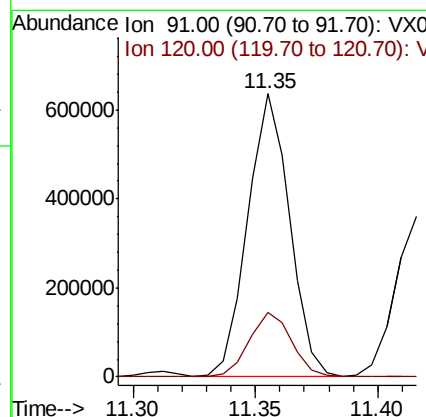
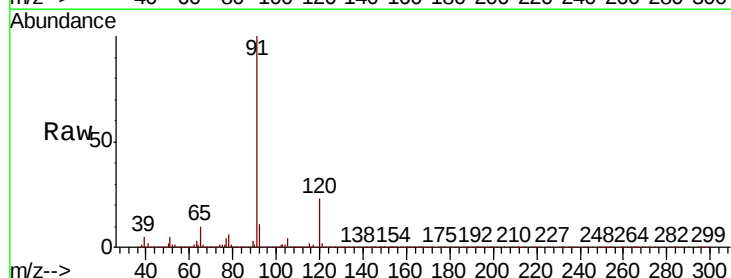
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Tgt Ion:	91	Resp:	754497
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.3





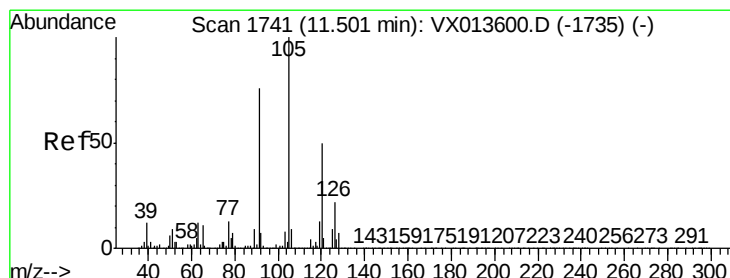
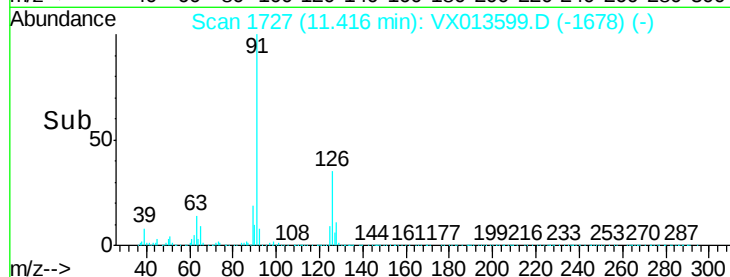
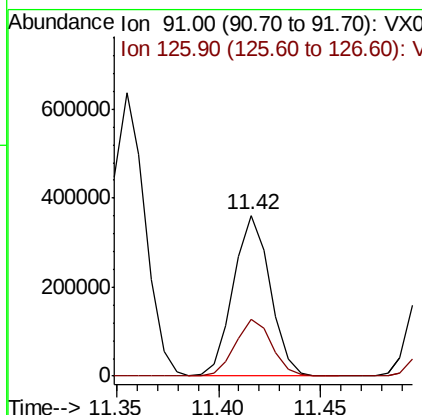
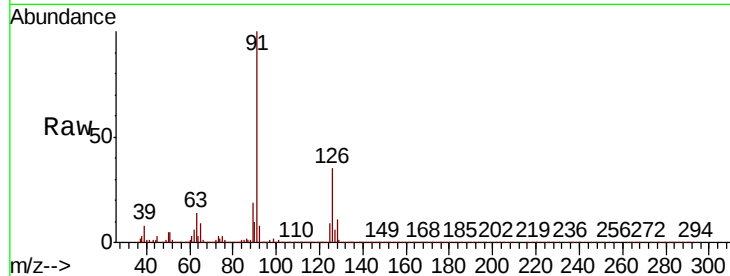
#79
2-Chlorotoluene
Concen: 22.456 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 91 Resp: 448209
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.5

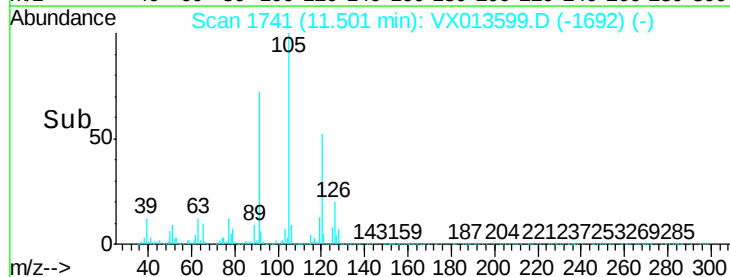
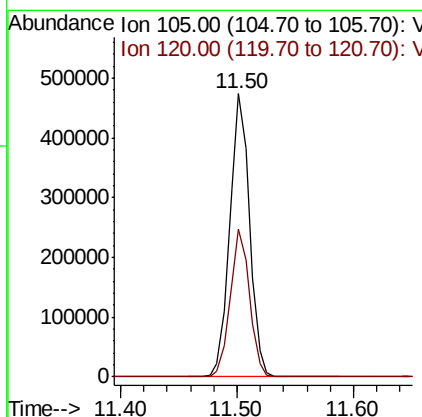
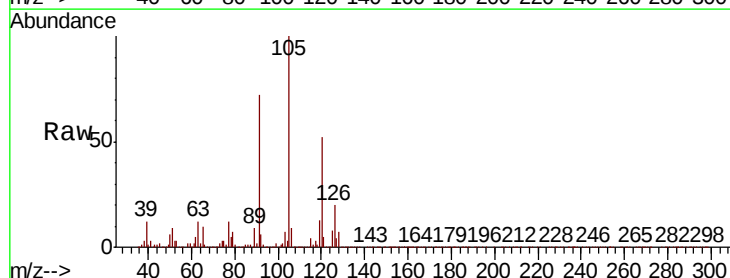
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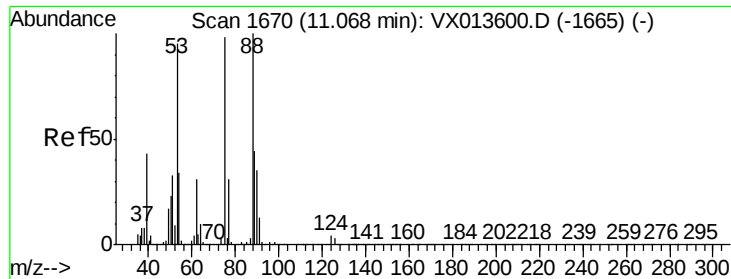
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#80
1,3,5-Trimethylbenzene
Concen: 22.507 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Tgt Ion: 105 Resp: 557085
Ion Ratio Lower Upper
105 100
120 51.4 25.3 75.9





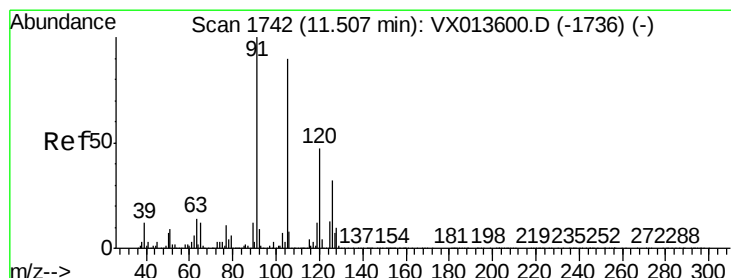
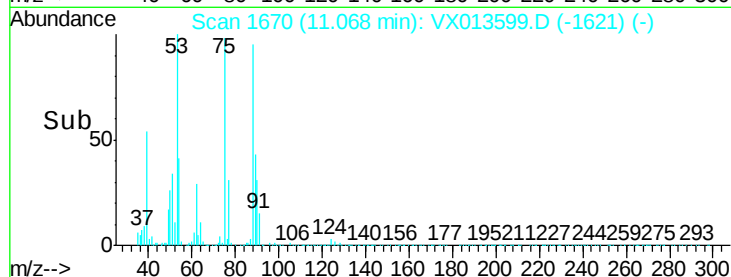
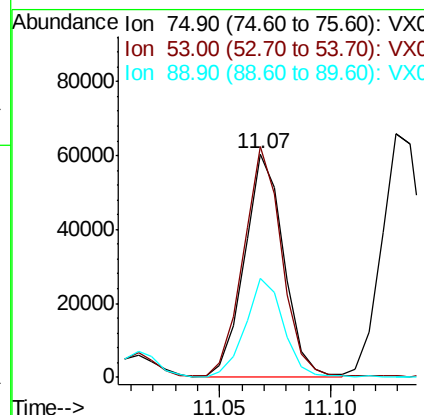
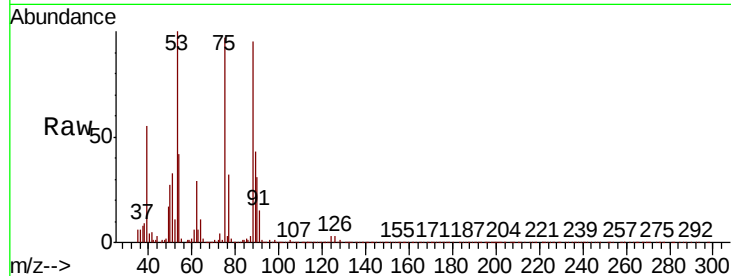
#81
trans-1,4-Dichloro-2-butene
Concen: 20.808 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.9	78.2	117.2
89	44.0	35.4	53.2

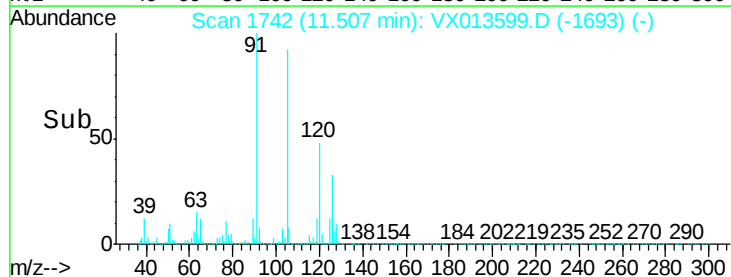
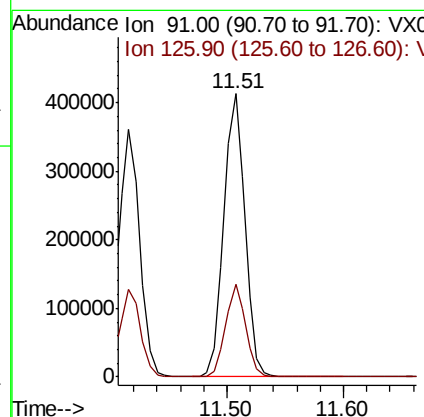
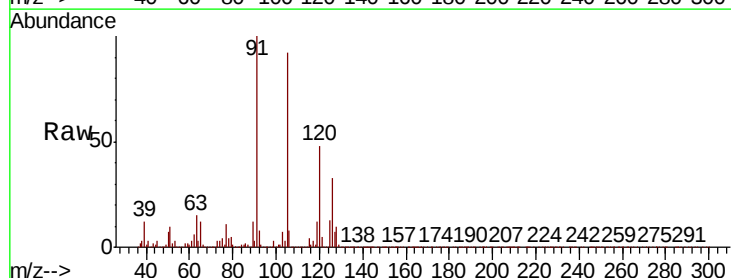
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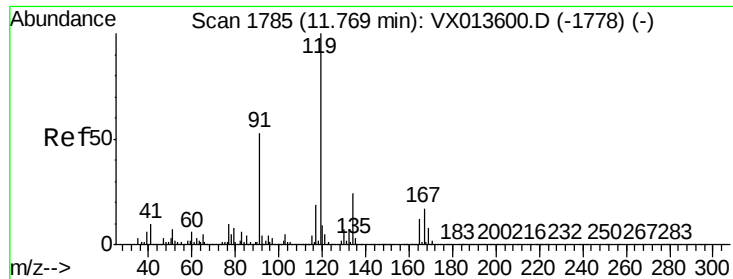
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#82
4-Chlorotoluene
Concen: 22.027 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.7	47.0





#83

tert-Butylbenzene

Concen: 22.622 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

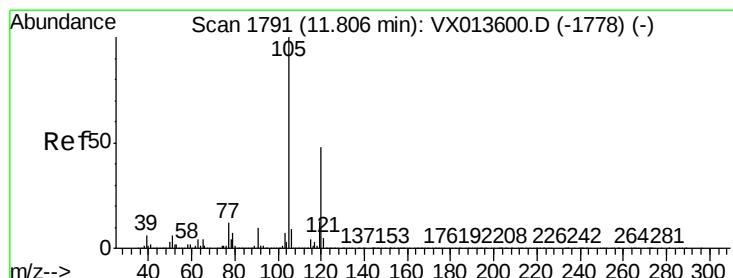
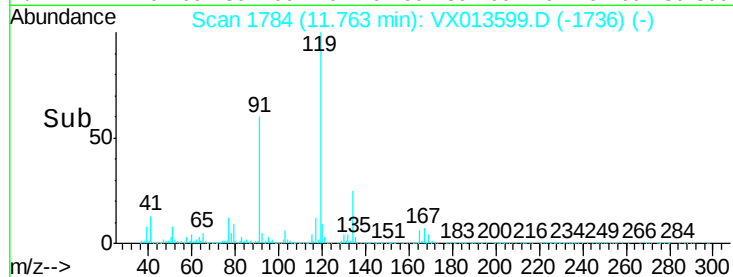
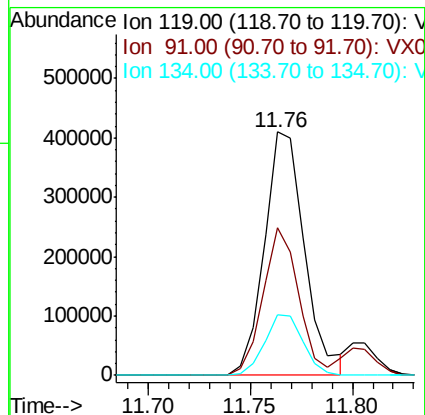
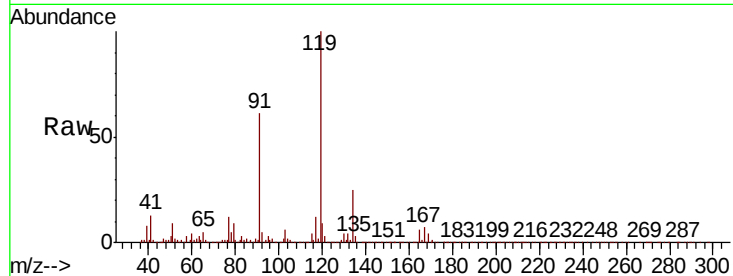
ClientSampled :

VSTDIC020

Tot Ion:	119	Resp:	562628
Ion Ratio	Lower	Upper	
119	100		
91	53.7	27.2	81.6
134	24.1	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 22.558 ug/l

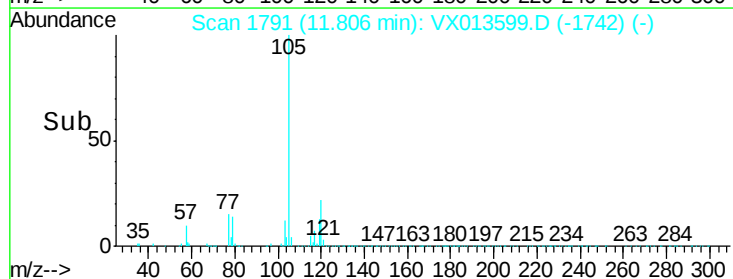
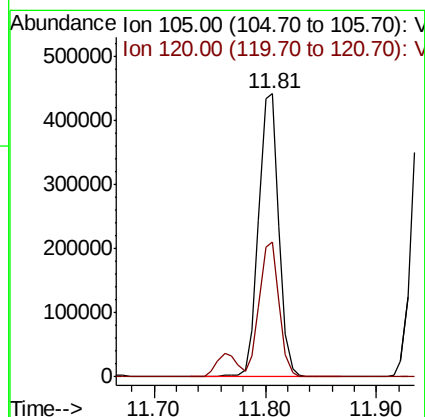
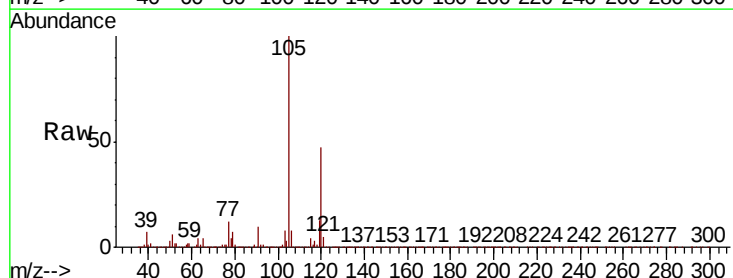
RT: 11.81 min Scan# 1791

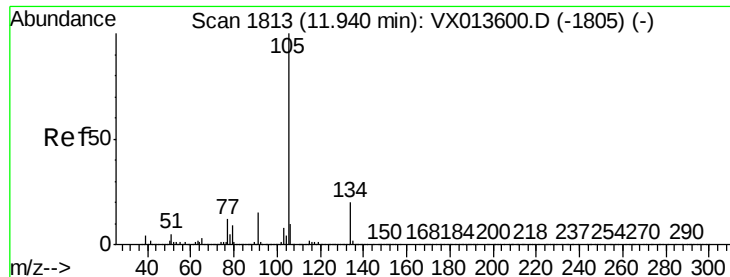
Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Tgt Ion:	105	Resp:	559517
Ion Ratio	Lower	Upper	
105	100		
120	46.5	23.1	69.3





#85

sec-Butylbenzene

Concen: 22.637 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 648623

Ion Ratio Lower Upper

105 100

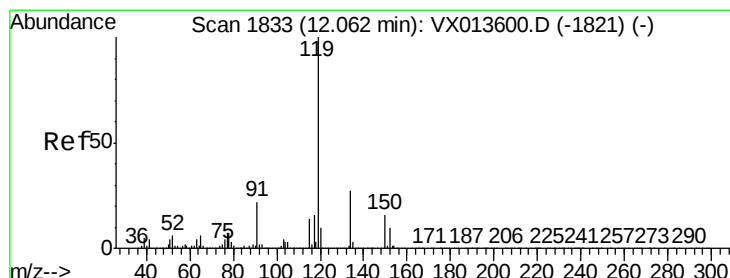
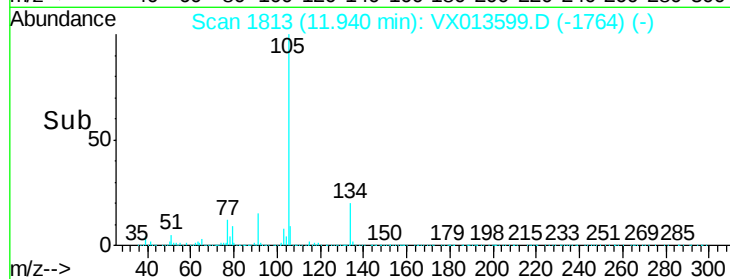
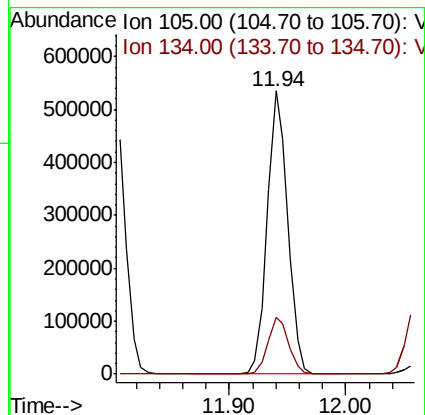
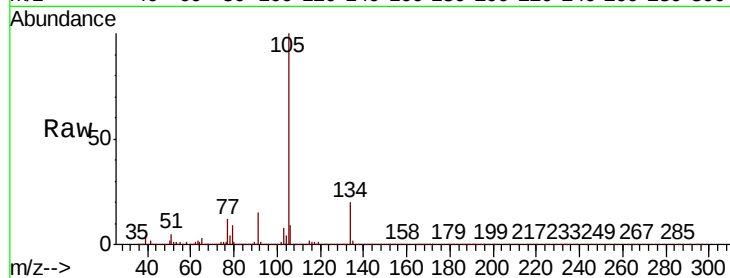
134 20.4 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 22.297 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

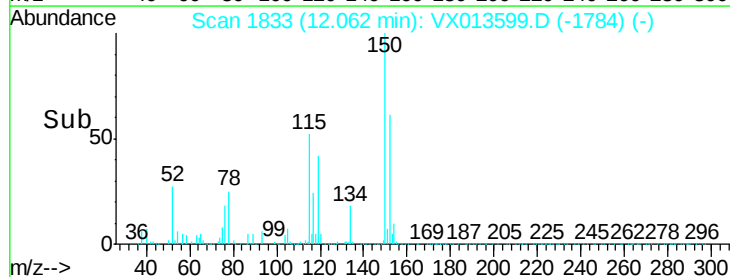
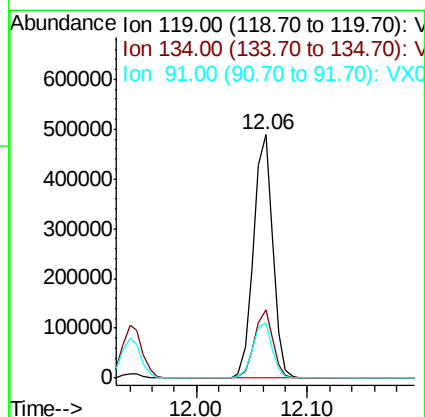
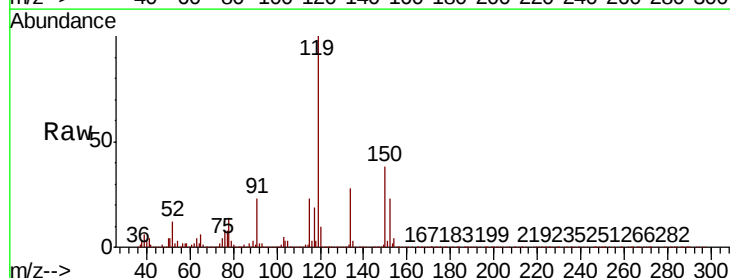
Tgt Ion:119 Resp: 587775

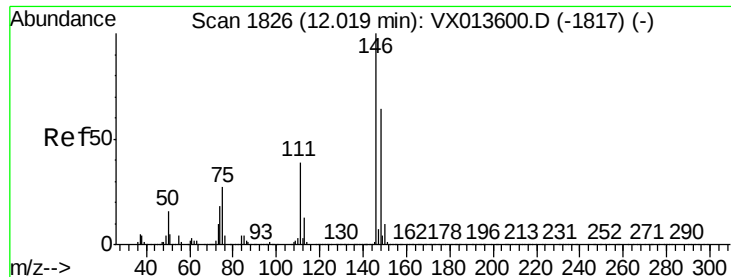
Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

91 22.9 11.3 33.8





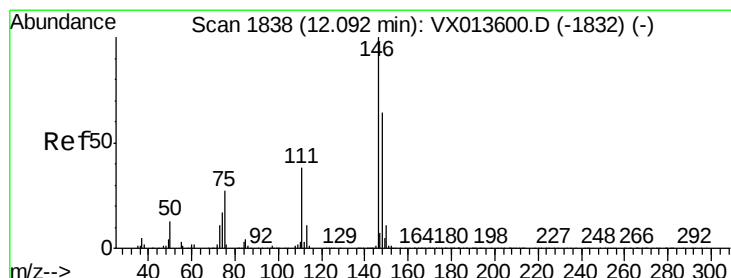
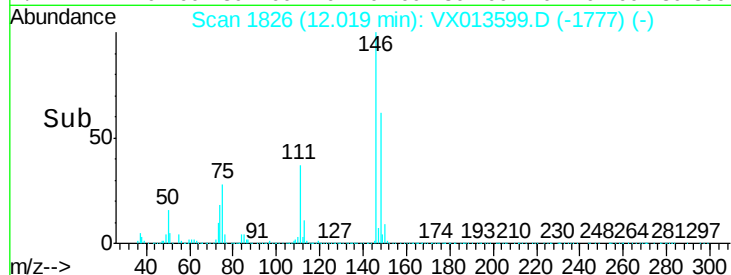
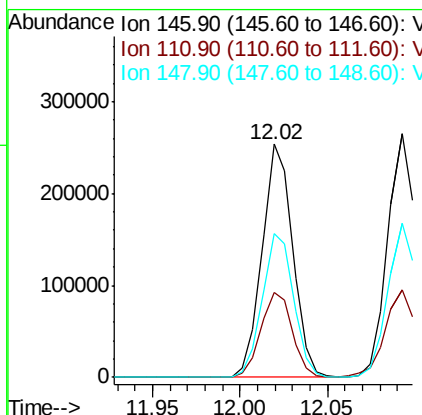
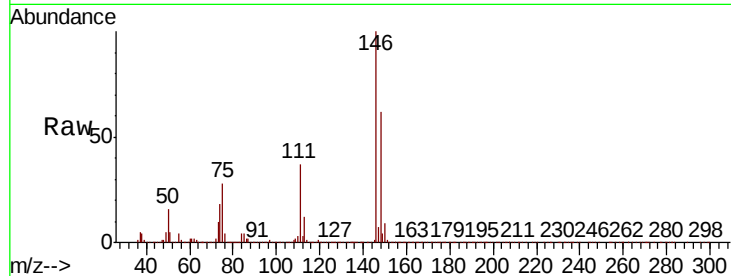
#87
 1,3-Dichlorobenzene
 Concen: 21.939 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013599.D
 Acq: 26 Nov 2019 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.0	57.0
148	62.9	31.8	95.4

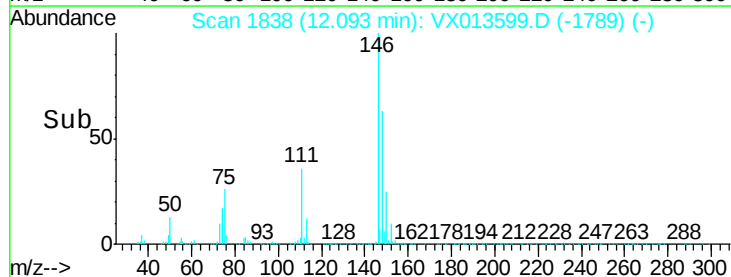
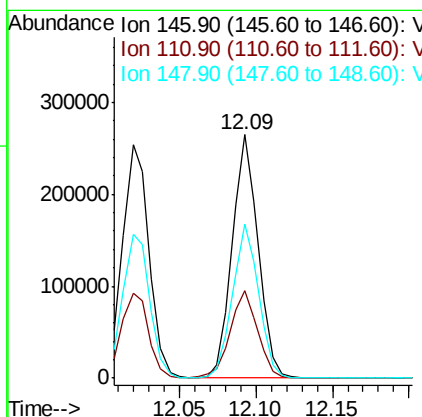
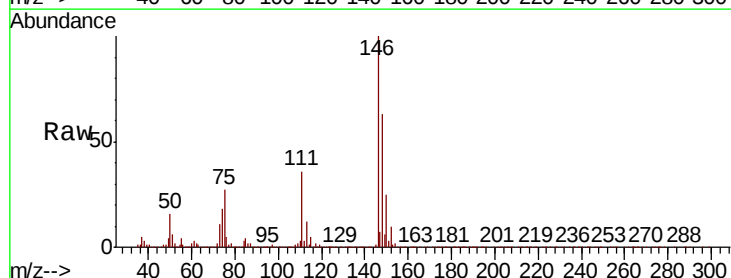
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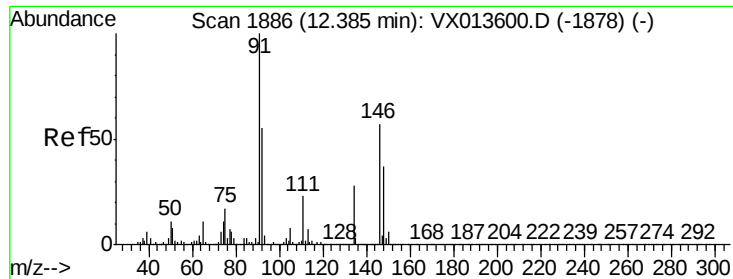
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#88
 1,4-Dichlorobenzene
 Concen: 21.539 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013599.D
 Acq: 26 Nov 2019 14:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.9
148	64.0	31.9	95.5





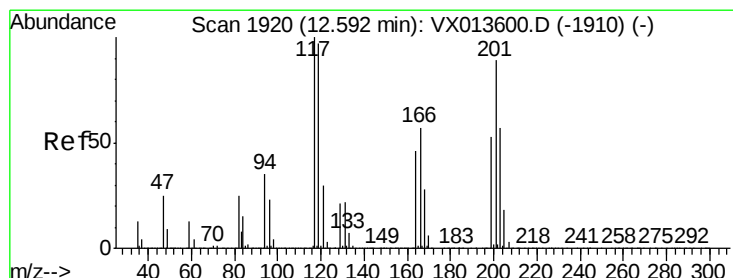
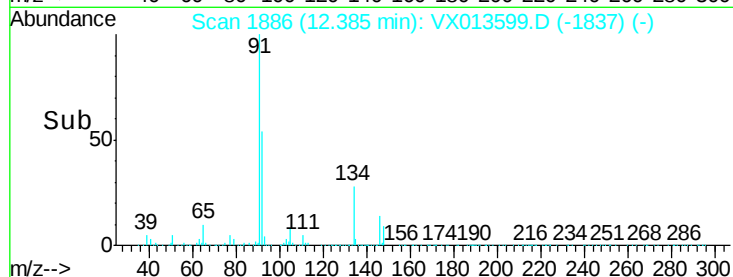
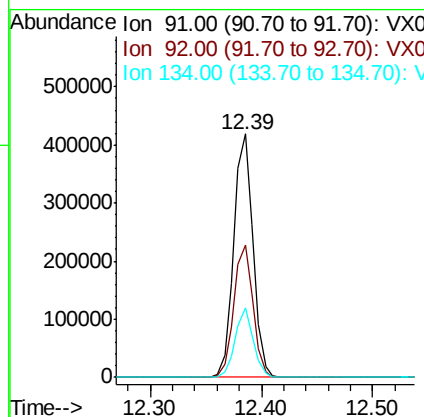
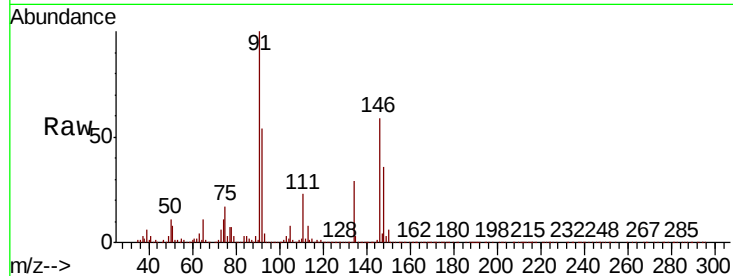
#89
n-Butylbenzene
Concen: 21.809 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.4	82.2
134	27.0	13.5	40.4

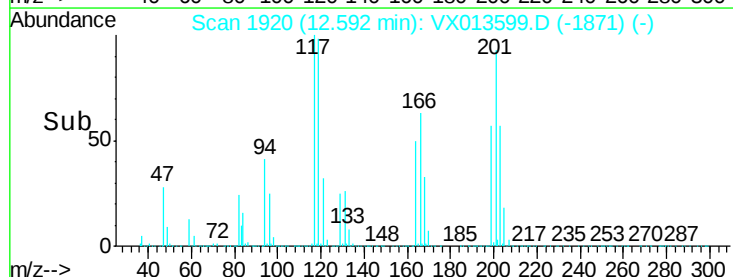
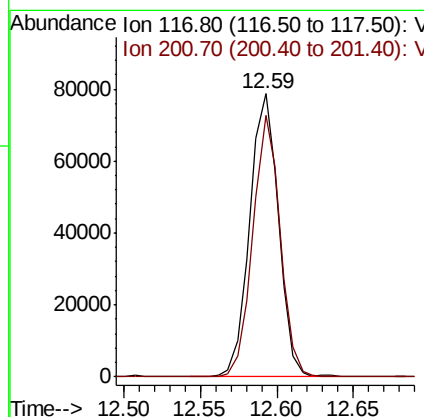
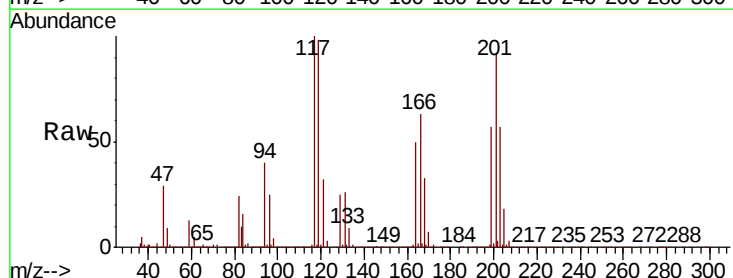
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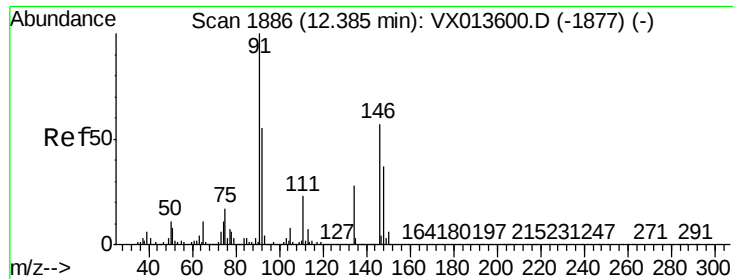
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#90
Hexachloroethane
Concen: 21.717 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	44.1	132.4





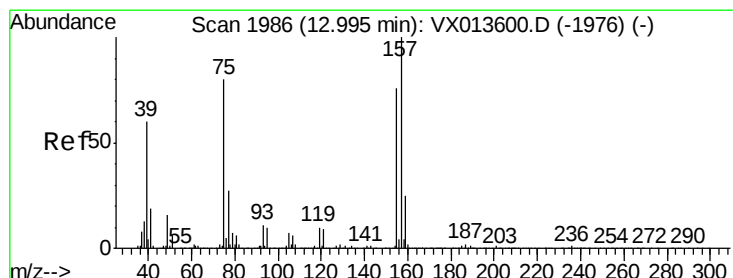
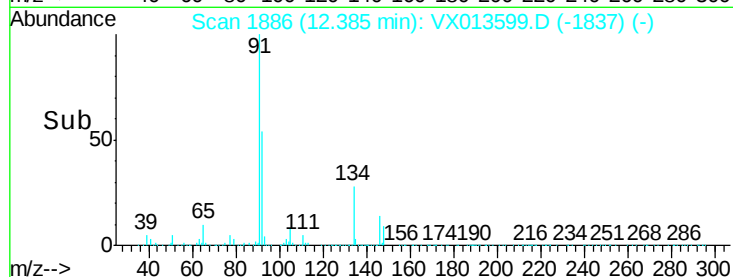
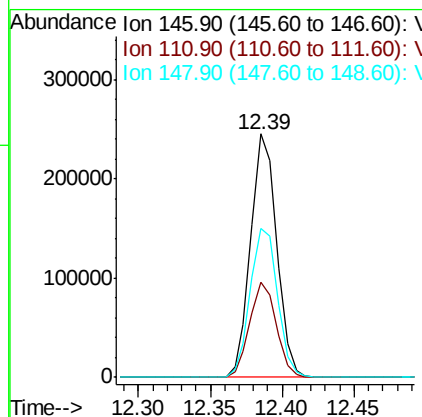
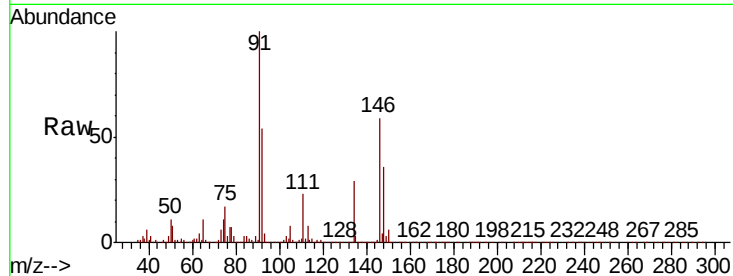
#91
 1,2-Dichlorobenzene
 Concen: 21.632 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013599.D
 Acq: 26 Nov 2019 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.7
148	64.4	31.9	95.7

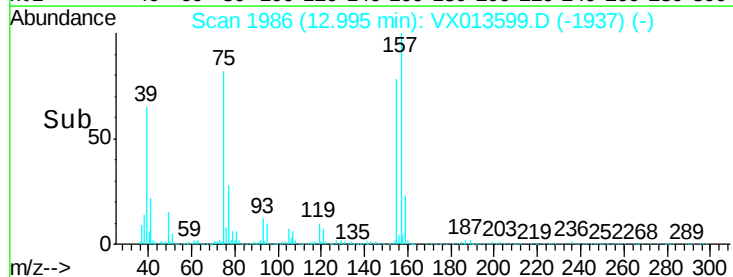
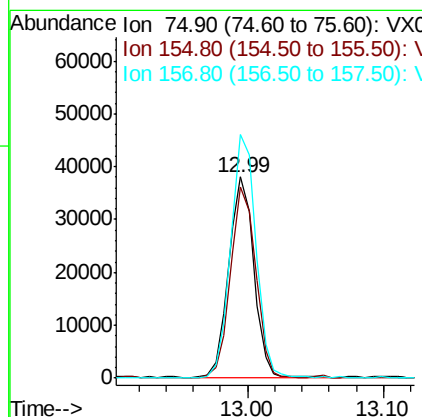
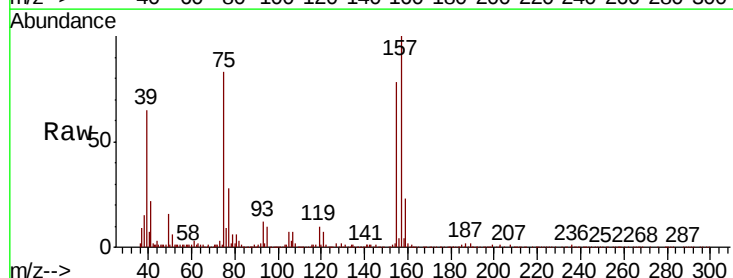
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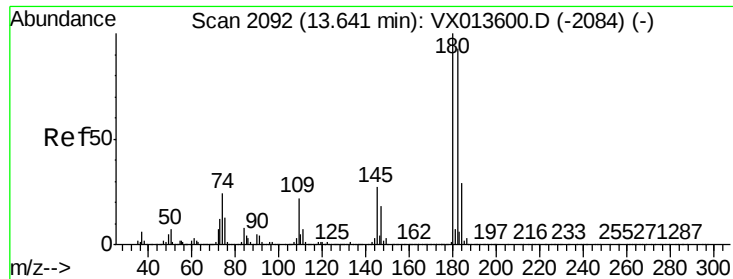
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.549 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013599.D
 Acq: 26 Nov 2019 14:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.8	47.6	142.8
157	123.9	62.1	186.2





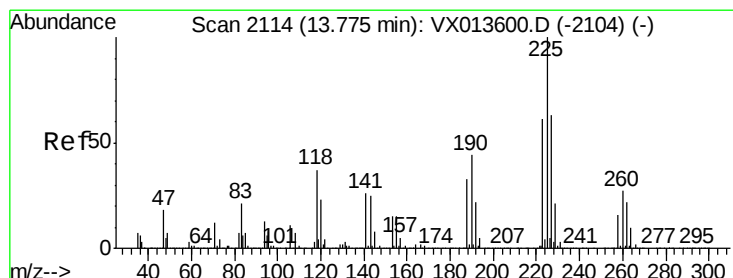
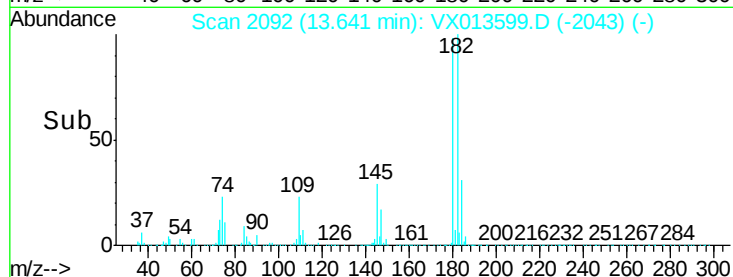
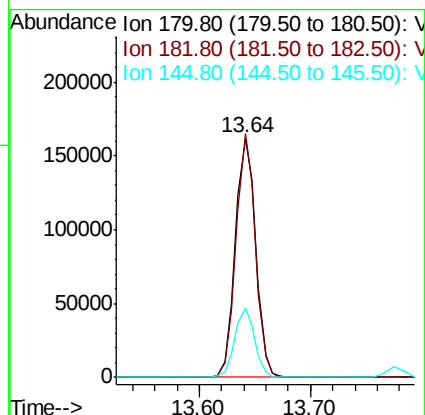
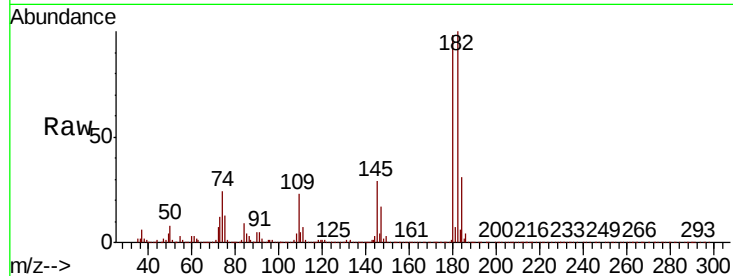
#93
1,2,4-Trichlorobenzene
Concen: 20.945 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	205907		
182	96.5	47.2	141.6	
145	28.4	13.8	41.4	

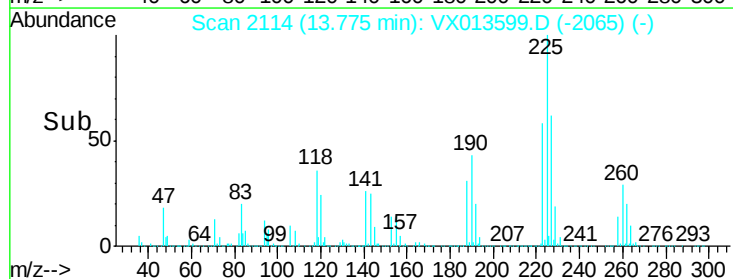
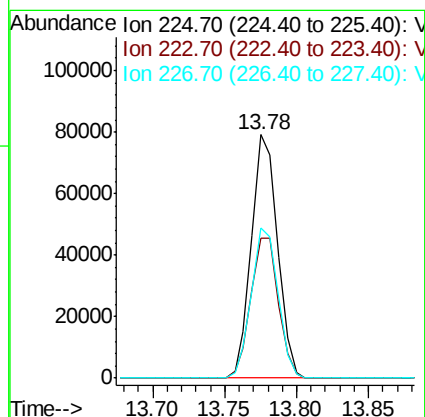
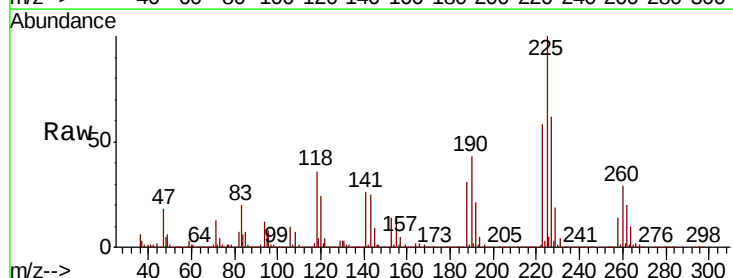
Manual Integrations
APPROVED

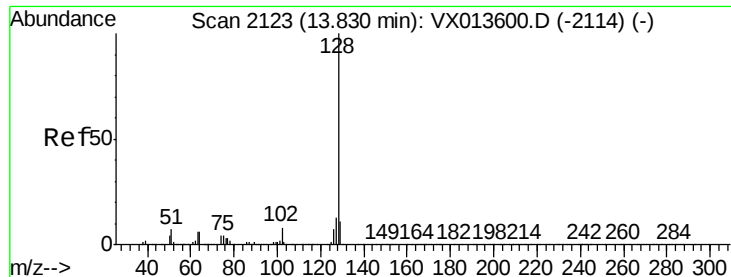
apatel
11/27/2019 2:07:40 PM



#94
Hexachlorobutadiene
Concen: 20.836 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX013599.D
Acq: 26 Nov 2019 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	99275		
223	61.3	31.9	95.5	
227	63.3	32.1	96.3	





#95

Naphthalene

Concen: 20.758 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Instrument :

MSVOA_X

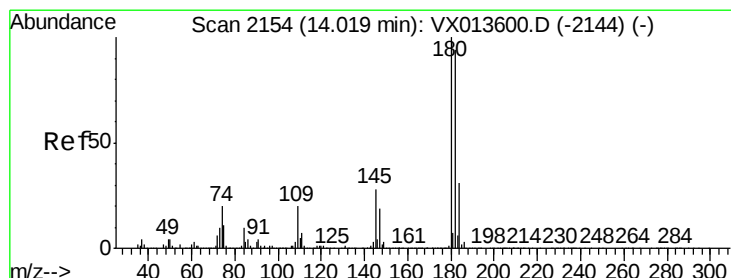
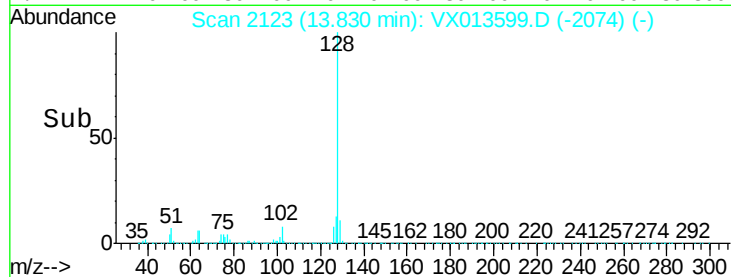
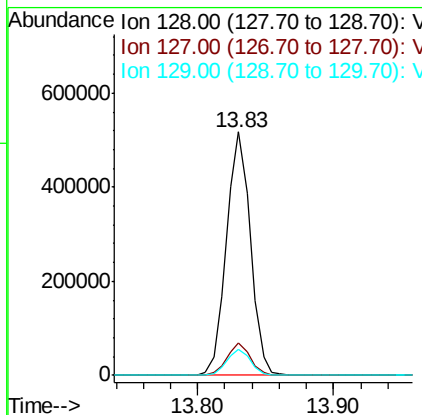
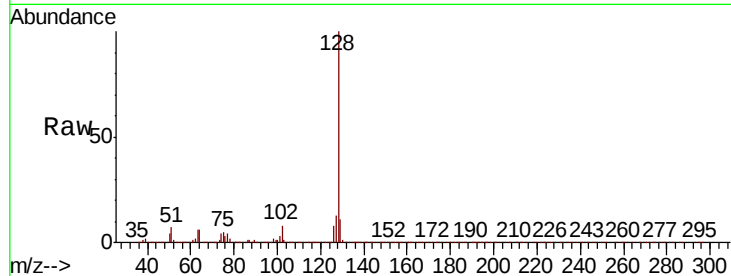
ClientSampleId :

VSTDIC020

Tot Ion:	128	Resp:	632677
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.6	8.7	13.1

Manual Integrations
APPROVED

apatel
11/27/2019 2:07:40 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.065 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VX013599.D

Acq: 26 Nov 2019 14:18

Tgt Ion:	180	Resp:	206607
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.6	142.8
145	30.4	15.0	45.0

