

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112619\
 Data File : VX013613.D
 Acq On : 26 Nov 2019 20:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 11/27/2019 3:44:51 PM

Quant Time: Nov 27 04:30:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	695640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1075476	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	960985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	481651	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	391976	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
35) Dibromofluoromethane	5.49	113	328397	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	8.71	98	1249860	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.14	95	453000	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	392308	50.667	ug/l	99
3) Chloromethane	1.31	50	425368	48.960	ug/l	99
4) Vinyl Chloride	1.40	62	498872	51.017	ug/l	98
5) Bromomethane	1.63	94	304995	46.443	ug/l	97
6) Chloroethane	1.71	64	265718	47.753	ug/l	100
7) Trichlorofluoromethane	1.92	101	524357	48.291	ug/l	99
8) Diethyl Ether	2.18	74	240811	49.021	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	318947	48.090	ug/l	98
10) Methyl Iodide	2.50	142	420876	52.459	ug/l	99
11) Tert butyl alcohol	3.03	59	446283	223.911	ug/l	99
12) 1,1-Dichloroethene	2.36	96	328071	49.556	ug/l	98
13) Acrolein	2.28	56	305131	229.421	ug/l	99
14) Allyl chloride	2.72	41	585011	48.694	ug/l	99
15) Acrylonitrile	3.13	53	1002813	243.747	ug/l	99
16) Acetone	2.43	43	892658	223.913	ug/l	100
17) Carbon Disulfide	2.56	76	901934	47.792	ug/l	99
18) Methyl Acetate	2.76	43	567047	51.080	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1102831	50.286	ug/l	100
20) Methylene Chloride	2.84	84	365248	47.689	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	352962	48.941	ug/l	99
22) Diisopropyl ether	3.84	45	1152173	49.806	ug/l	98
23) Vinyl Acetate	3.80	43	4863458	252.718	ug/l	100
24) 1,1-Dichloroethane	3.69	63	630618	49.866	ug/l	99
25) 2-Butanone	4.66	43	1429024	241.190	ug/l	100
26) 2,2-Dichloropropane	4.58	77	491746	46.998	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	401923	48.528	ug/l	99
28) Bromochloromethane	5.00	49	256391	51.304	ug/l	100
29) Tetrahydrofuran	5.11	42	913638	250.139	ug/l	99
30) Chloroform	5.20	83	614354	47.902	ug/l	99
31) Cyclohexane	5.57	56	577974	48.455	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	530417	49.490	ug/l	99
36) 1,1-Dichloropropene	5.79	75	474340	48.587	ug/l	99
37) Ethyl Acetate	4.82	43	545671	49.823	ug/l	99
38) Carbon Tetrachloride	5.78	117	455423	50.591	ug/l	100

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Quant Time: Nov 27 04:30:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	586971	48.641	ug/l	96
40) Benzene	6.14	78	1463184	49.210	ug/l	98
41) Methacrylonitrile	5.03	41	305841	50.919	ug/l	99
42) 1,2-Dichloroethane	6.19	62	498277	49.138	ug/l	99
43) Isopropyl Acetate	6.44	43	902504	50.054	ug/l	100
44) Trichloroethene	7.20	130	392332	48.078	ug/l	100
45) 1,2-Dichloropropane	7.51	63	370894	49.856	ug/l	96
46) Dibromomethane	7.65	93	244287	48.349	ug/l	99
47) Bromodichloromethane	7.89	83	483038	50.571	ug/l	99
48) Methyl methacrylate	7.76	41	447026	51.026	ug/l	99
49) 1,4-Dioxane	7.73	88	180437	920.135	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2789926	245.987	ug/l	99
52) Toluene	8.78	92	916761	49.630	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	542276	49.877	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	601918	50.675	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	368151	49.458	ug/l	98
56) Ethyl methacrylate	9.17	69	607985	50.802	ug/l	99
57) 1,3-Dichloropropane	9.37	76	616896	48.080	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1153244	245.777	ug/l	99
59) 2-Hexanone	9.49	43	2149167	242.961	ug/l	100
60) Dibromochloromethane	9.57	129	393319	50.914	ug/l	100
61) 1,2-Dibromoethane	9.67	107	383205	48.200	ug/l	99
64) Tetrachloroethene	9.33	164	354848	49.515	ug/l	95
65) Chlorobenzene	10.14	112	974572	48.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	362330	50.572	ug/l	100
67) Ethyl Benzene	10.25	91	1743657	50.857	ug/l	98
68) m/p-Xylenes	10.36	106	1368114	104.227	ug/l	100
69) o-Xylene	10.70	106	649227	50.713	ug/l	99
70) Styrene	10.71	104	1095152	50.854	ug/l	99
71) Bromoform	10.85	173	311867	52.608	ug/l #	99
73) Isopropylbenzene	11.01	105	1695661	50.188	ug/l	100
74) N-amyl acetate	10.89	43	795108	51.374	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	576665	49.217	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	466265m	43.040	ug/l	
77) Bromobenzene	11.25	156	445411	48.799	ug/l	99
78) n-propylbenzene	11.35	91	1896527	50.285	ug/l	100
79) 2-Chlorotoluene	11.42	91	1124502	49.703	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1430787	51.670	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	198452	50.117	ug/l	97
82) 4-Chlorotoluene	11.51	91	1293462	49.361	ug/l	100
83) tert-Butylbenzene	11.76	119	1427911	50.740	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1472292	52.389	ug/l	100
85) sec-Butylbenzene	11.94	105	1617190	50.311	ug/l	100
86) p-Isopropyltoluene	12.06	119	1517218	50.737	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	778512	48.931	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	782641	48.293	ug/l	99
89) n-Butylbenzene	12.39	91	1311608	51.426	ug/l	99
90) Hexachloroethane	12.59	117	270444	50.035	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	780921	49.676	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	128969	50.546	ug/l	98

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Quant Time: Nov 27 04:30:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	551087	50.301	ug/l	100
94) Hexachlorobutadiene	13.78	225	246362	46.810	ug/l	100
95) Naphthalene	13.83	128	1753275	53.737	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	546704	50.398	ug/l	99

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

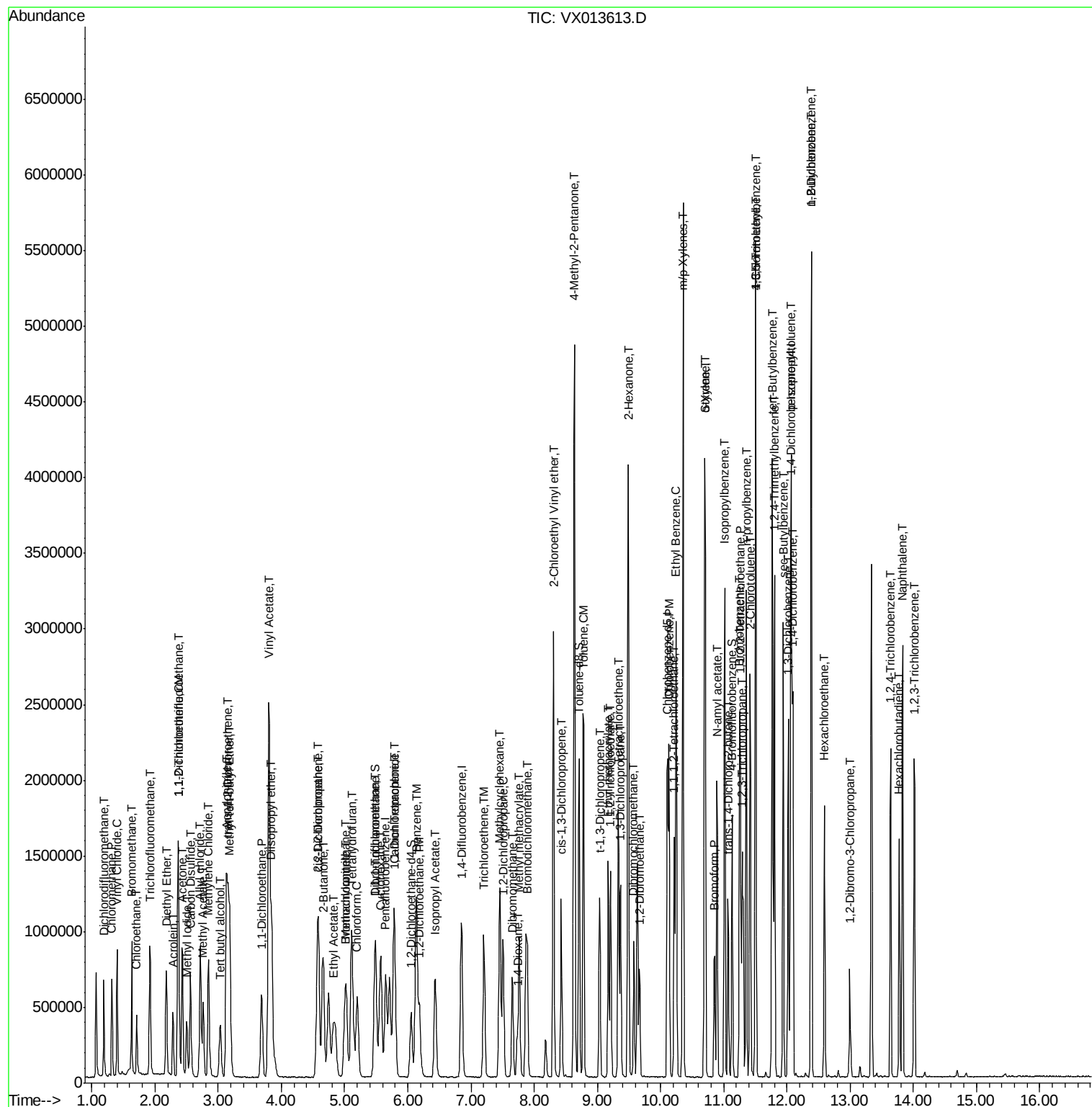
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013613.D
 Acq On : 26 Nov 2019 20:53
 Operator : JC/SP
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 ALS Vial : 19 Sample Multiplier: 1

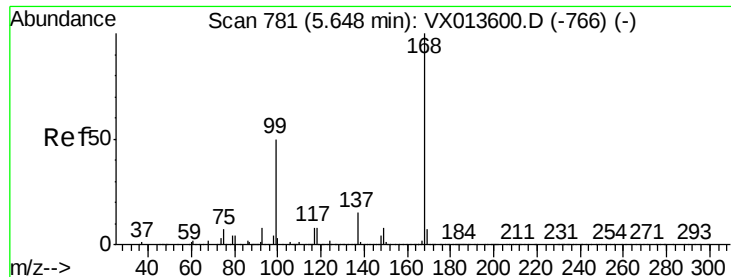
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

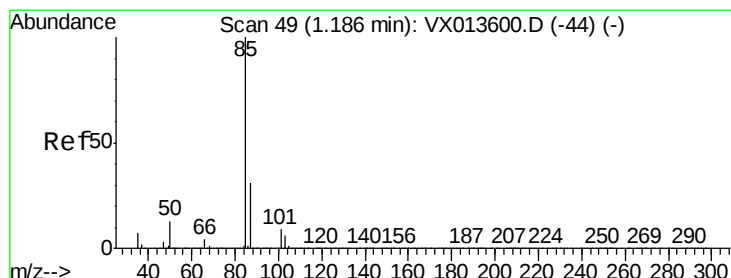
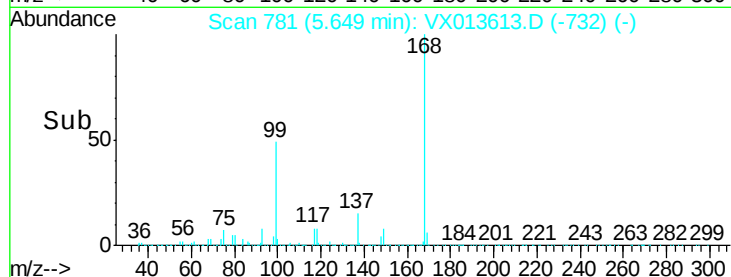
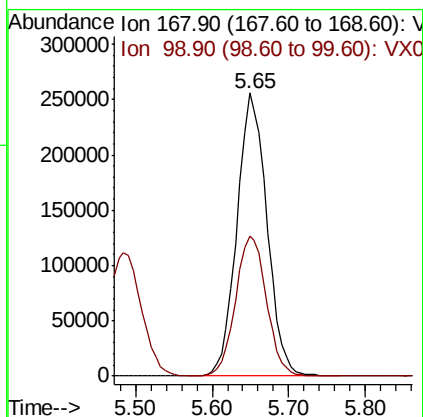
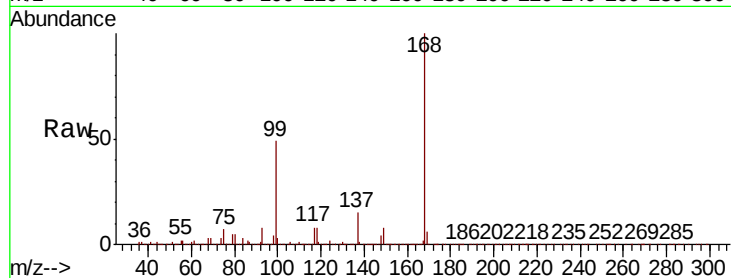
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.2	39.8	59.8

Manual Integrations
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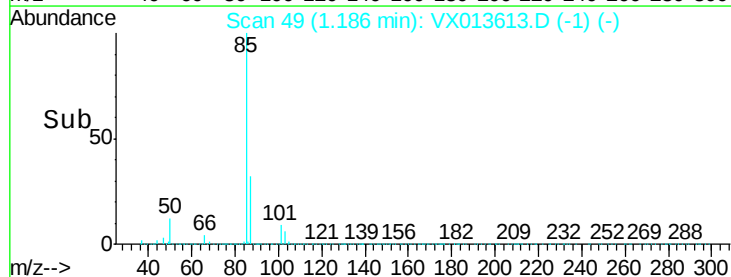
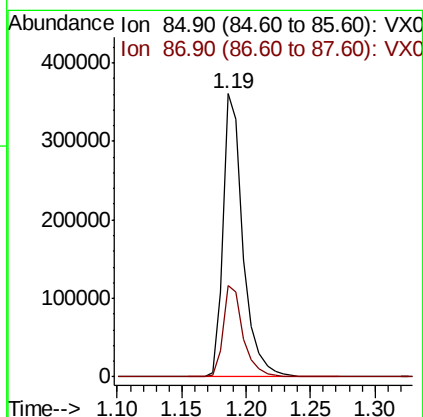
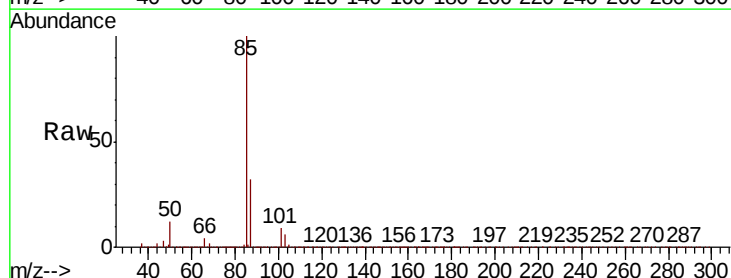
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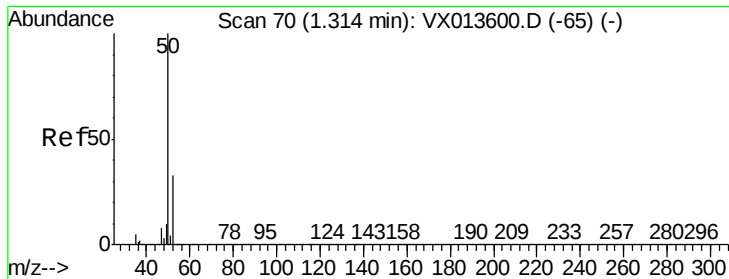


#2

Dichlorodifluoromethane
 Concen: 50.667 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.7	47.1





#3

Chloromethane

Concen: 48.960 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 425368

Ion Ratio Lower Upper

50 100

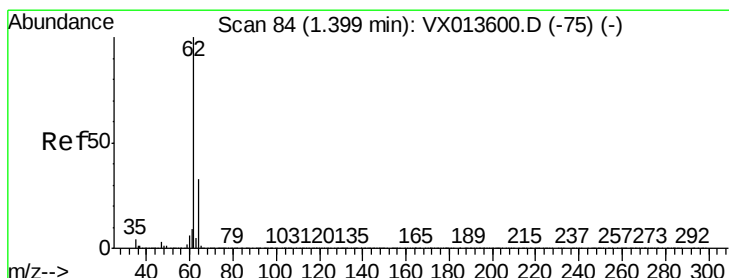
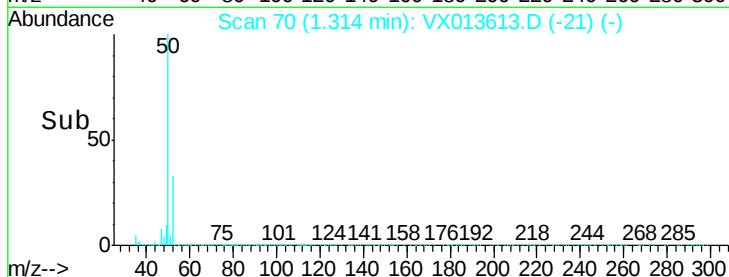
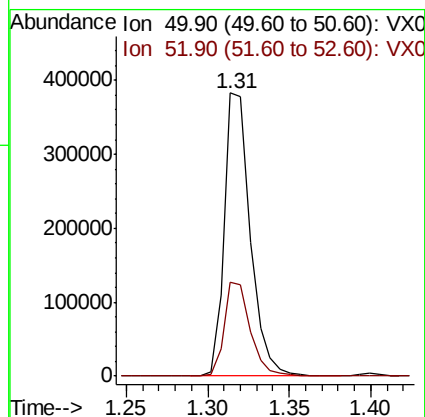
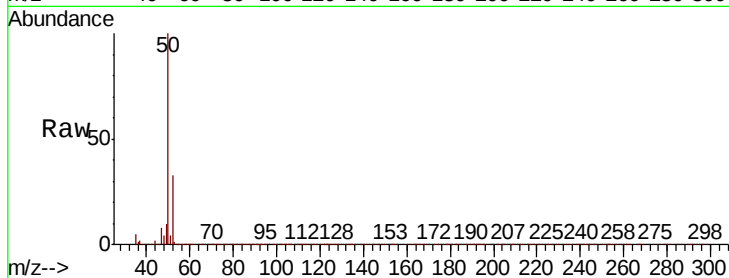
52 33.0 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.017 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013613.D

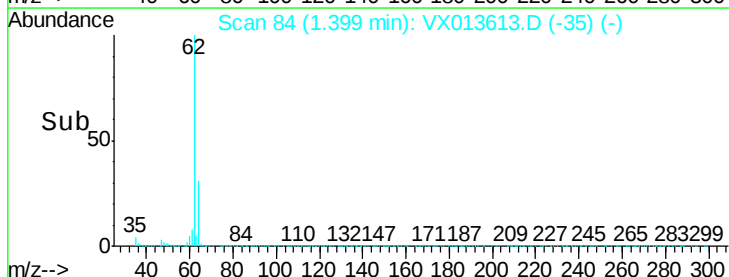
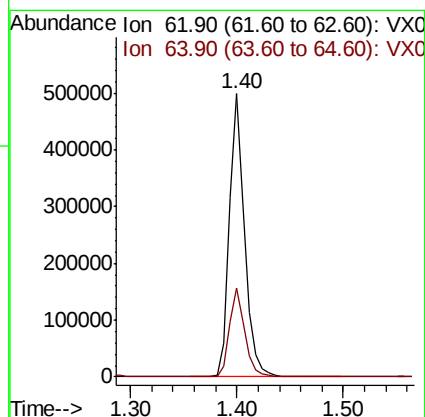
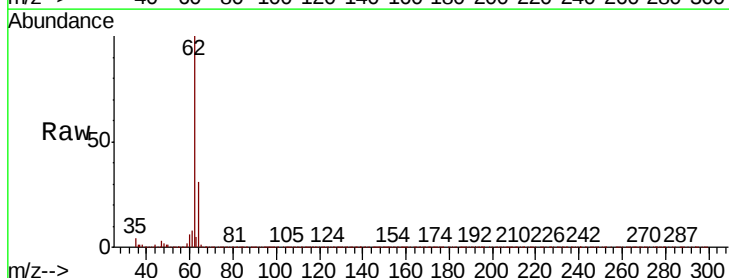
Acq: 26 Nov 2019 20:53

Tgt Ion: 62 Resp: 498872

Ion Ratio Lower Upper

62 100

64 31.2 26.0 39.0





#5

Bromomethane

Concen: 46.443 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 304995

Ion Ratio Lower Upper

94 100

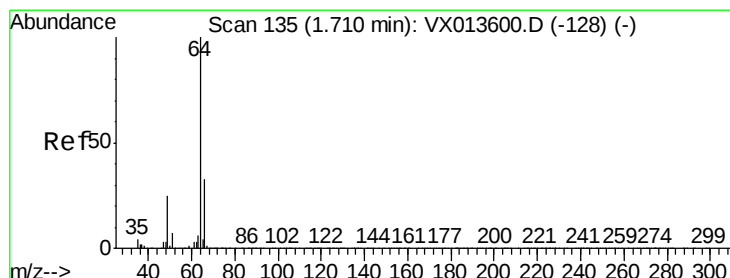
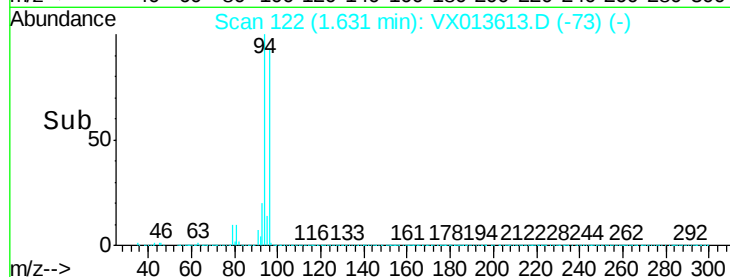
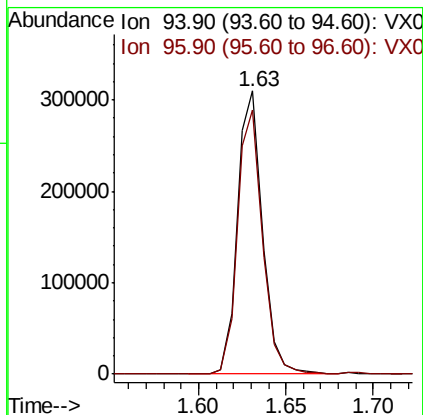
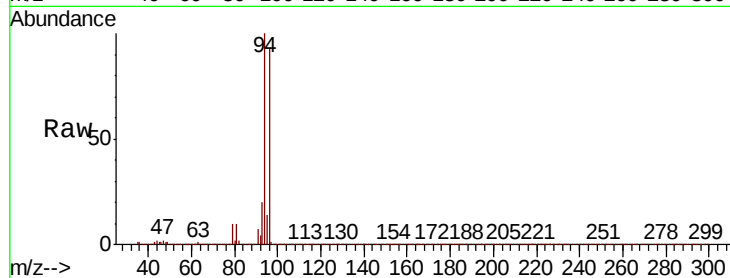
96 93.1 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 47.753 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013613.D

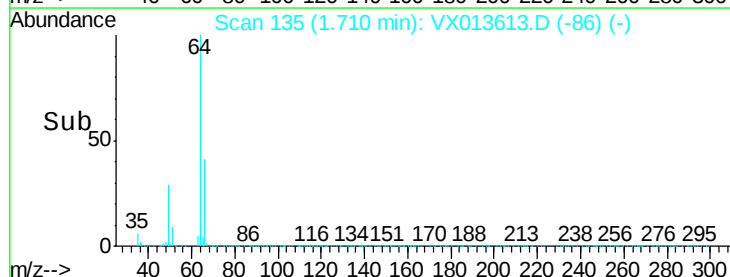
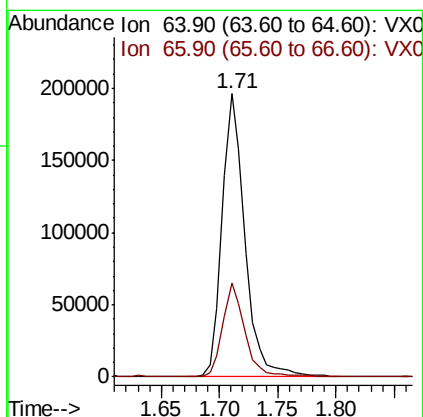
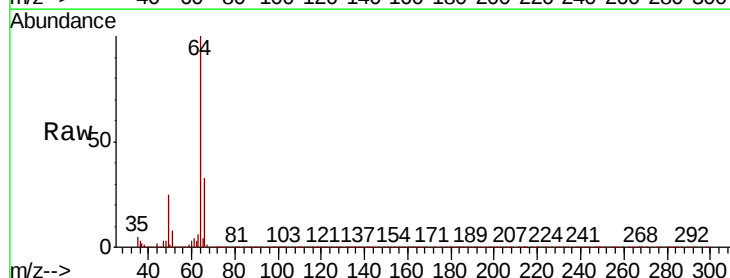
Acq: 26 Nov 2019 20:53

Tgt Ion: 64 Resp: 265718

Ion Ratio Lower Upper

64 100

66 33.1 26.7 40.1





#7

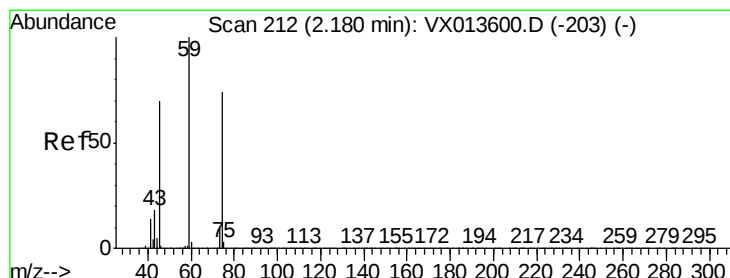
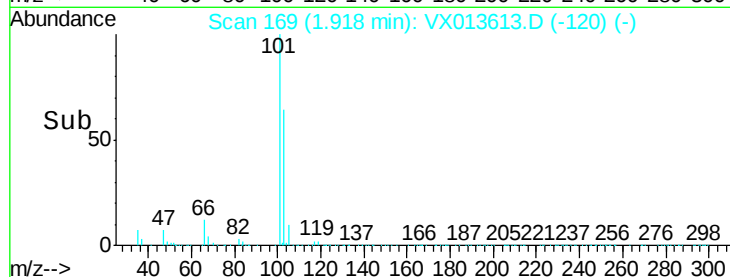
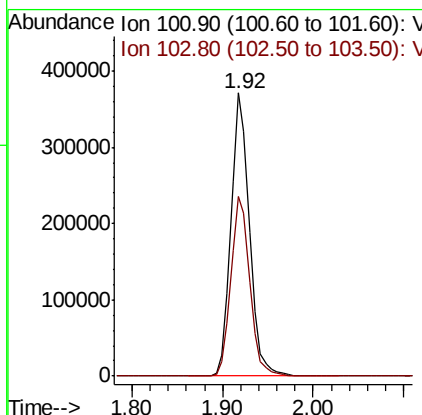
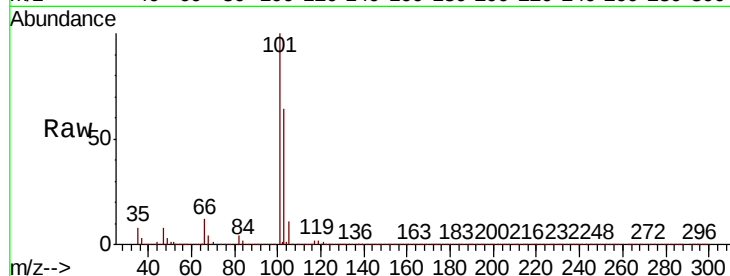
Trichlorofluoromethane
Concen: 48.291 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.8	77.6

Manual Integrations
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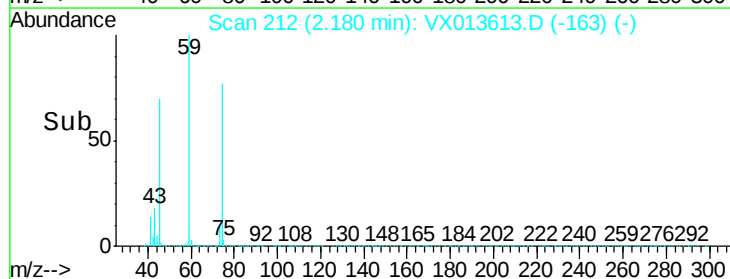
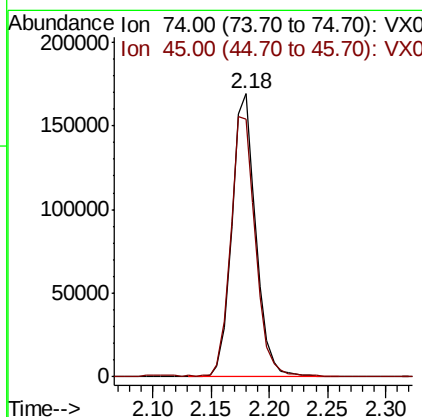
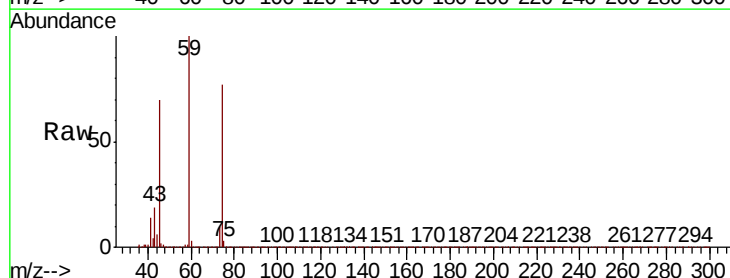
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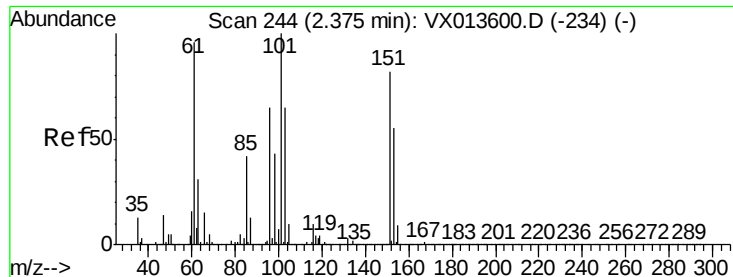


#8

Diethyl Ether
Concen: 49.021 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.1	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.090 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

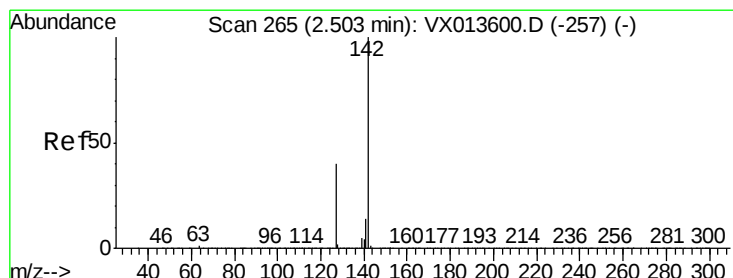
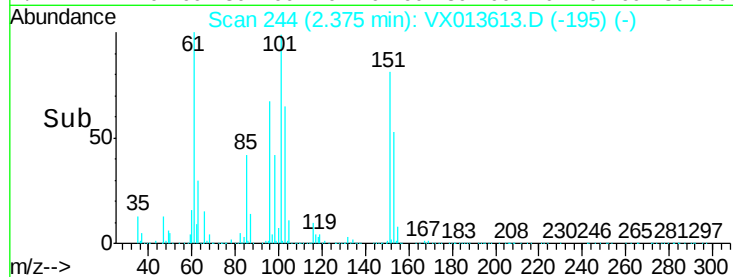
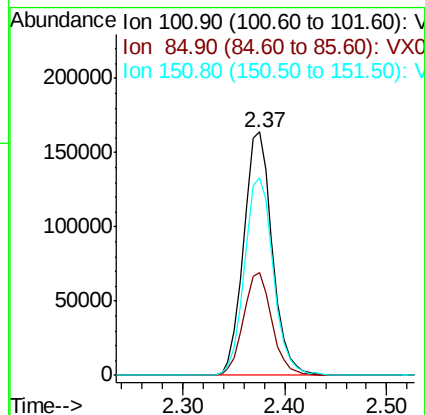
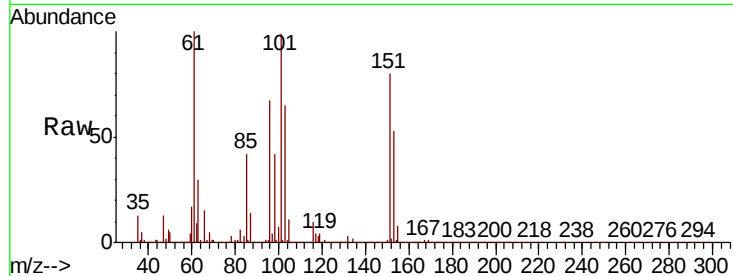
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	318947
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.9	50.9
151	82.1	64.2	96.2

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#10

Methyl Iodide

Concen: 52.459 ug/l

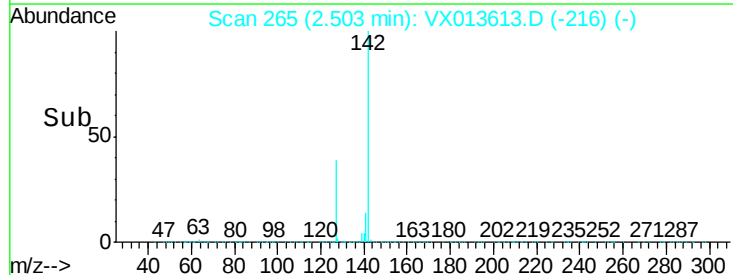
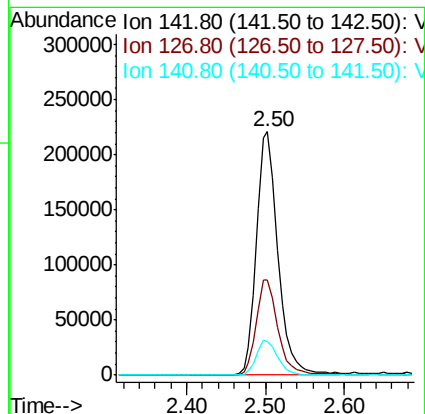
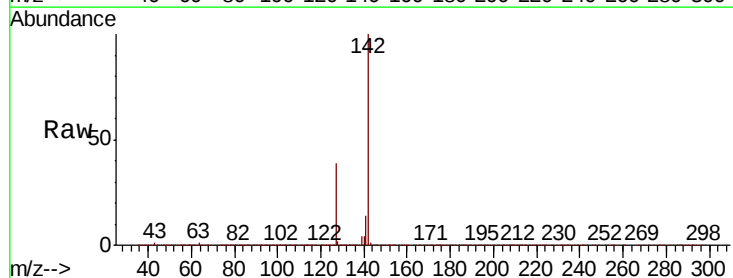
RT: 2.50 min Scan# 265

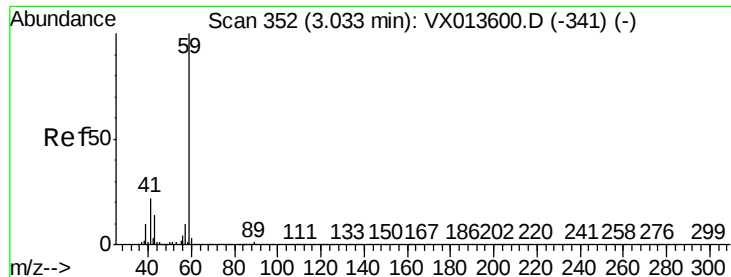
Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Tgt Ion:	142	Resp:	420876
Ion Ratio	Lower	Upper	
142	100		
127	39.4	31.0	46.4
141	14.4	11.6	17.4





#11

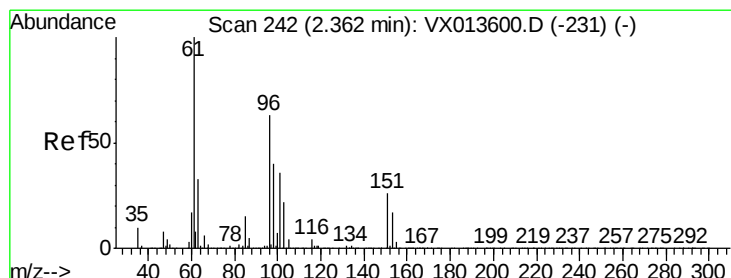
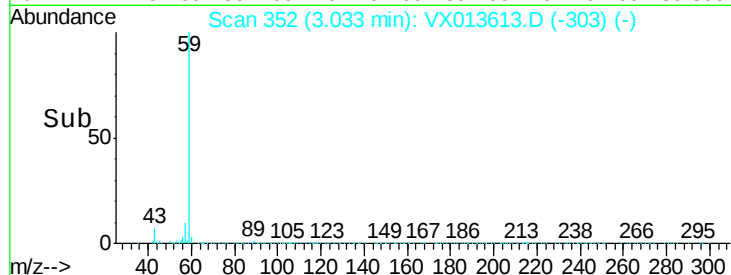
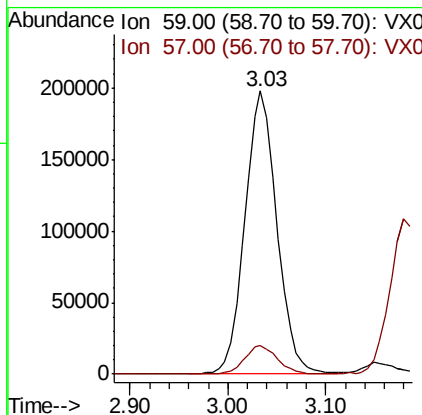
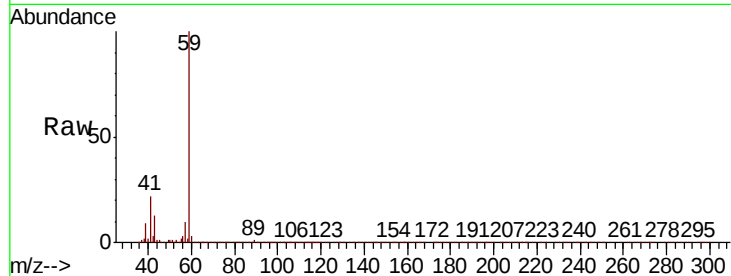
Tert butyl alcohol
Concen: 223.911 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.8	11.6

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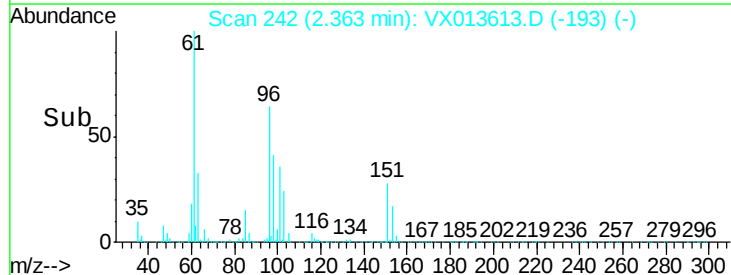
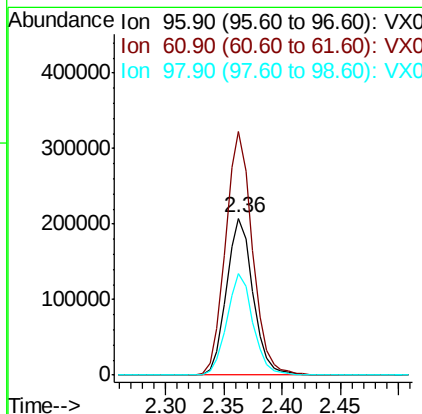
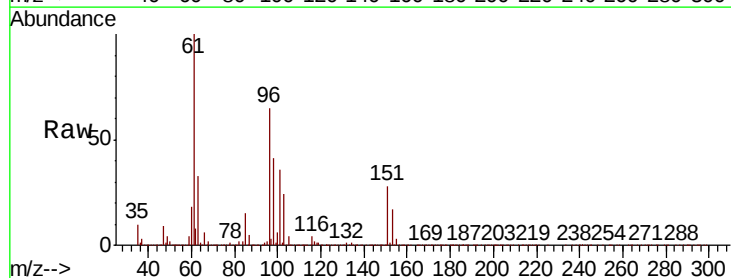
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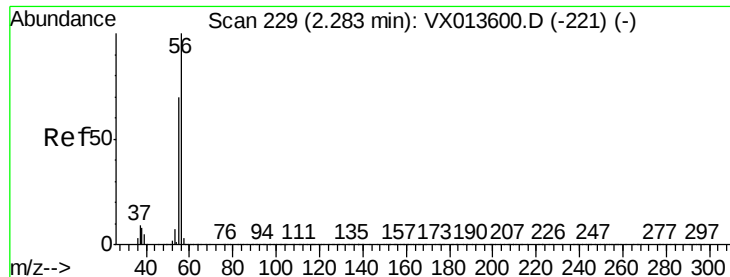


#12

1,1-Dichloroethene
Concen: 49.556 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.9	126.6	190.0
98	64.3	50.6	76.0





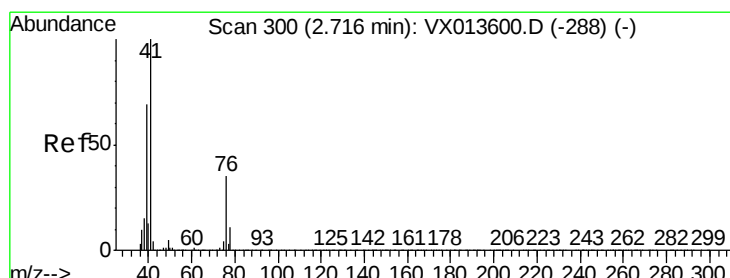
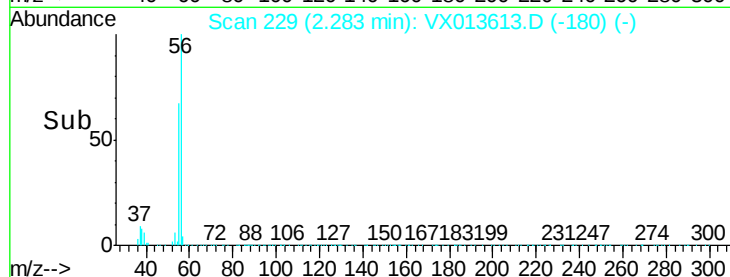
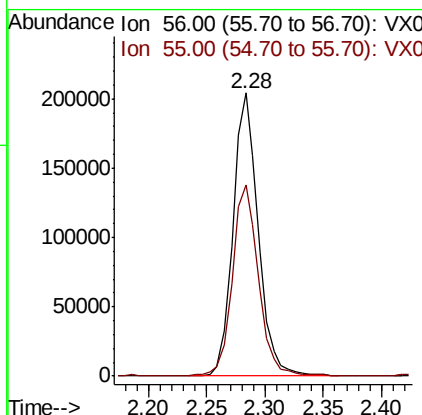
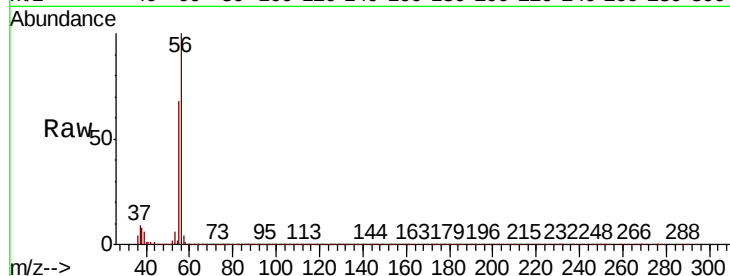
#13
Acrolein
Concen: 229.421 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.5	56.2	84.4

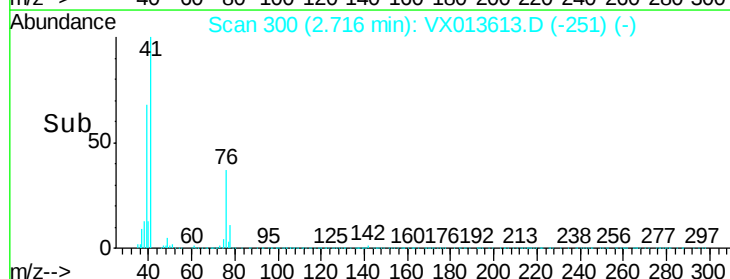
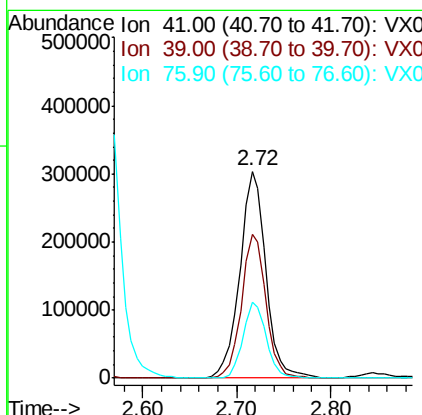
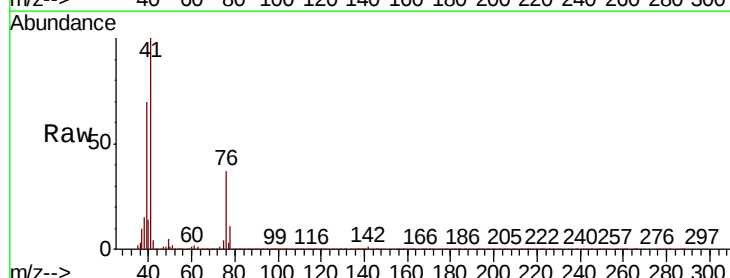
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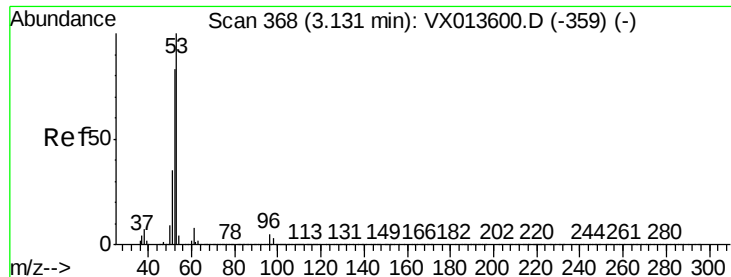
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#14
Allyl chloride
Concen: 48.694 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.3	51.7	77.5
76	32.8	25.9	38.9





#15

Acrylonitrile

Concen: 243.747 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1002813

Ion Ratio Lower Upper

53 100

52 83.4 66.2 99.2

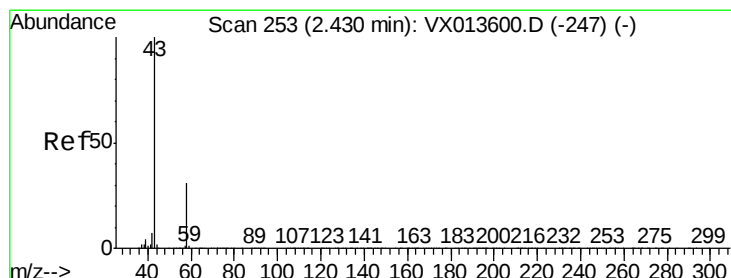
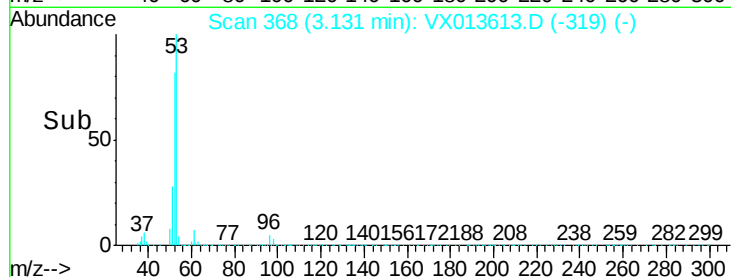
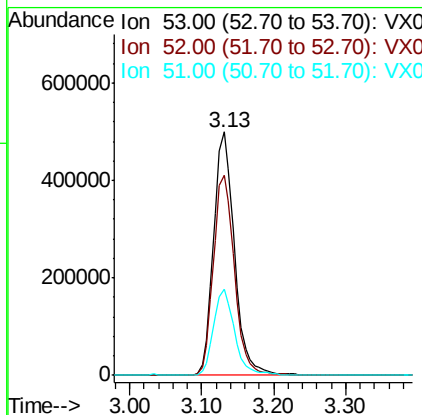
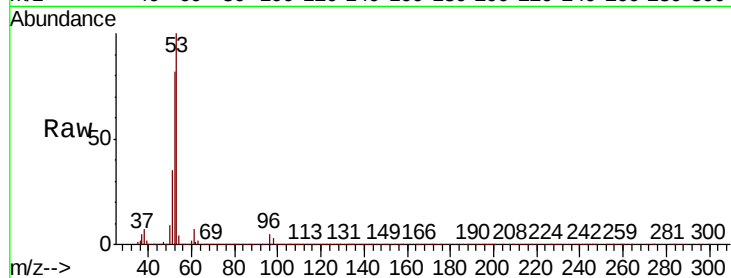
51 35.8 29.0 43.6

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#16

Acetone

Concen: 223.913 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013613.D

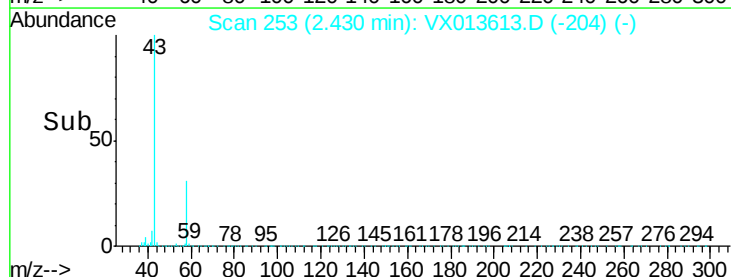
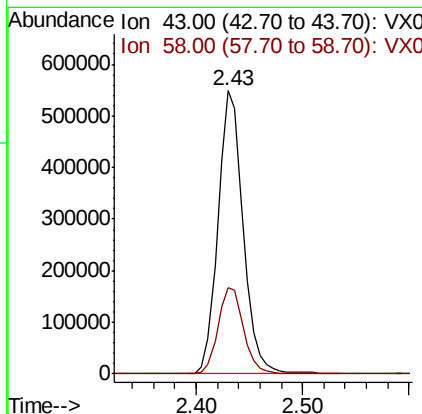
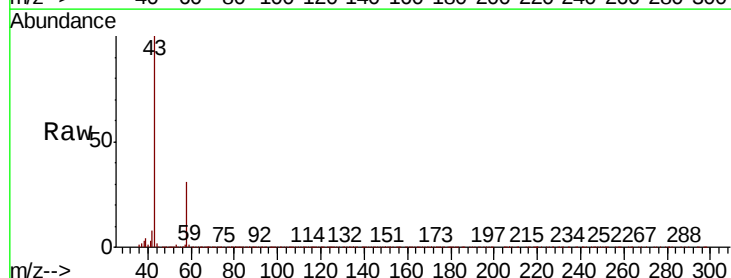
Acq: 26 Nov 2019 20:53

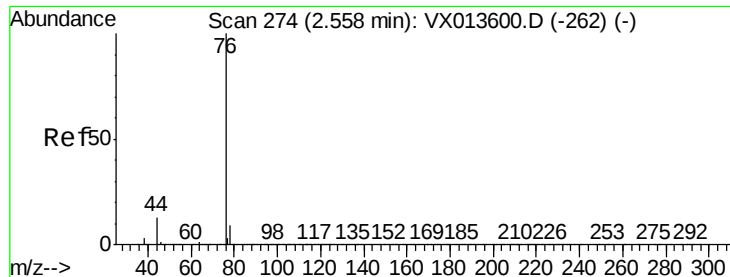
Tgt Ion: 43 Resp: 892658

Ion Ratio Lower Upper

43 100

58 30.6 24.6 36.8





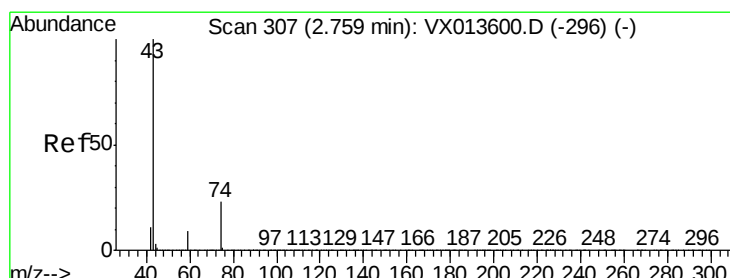
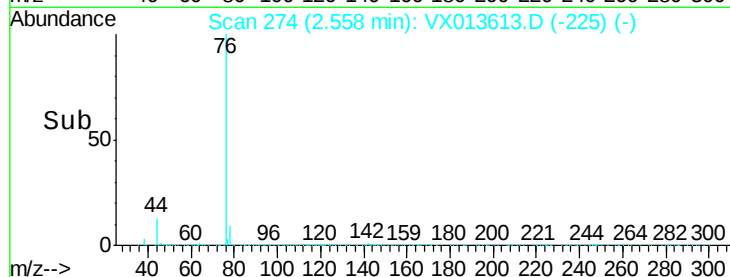
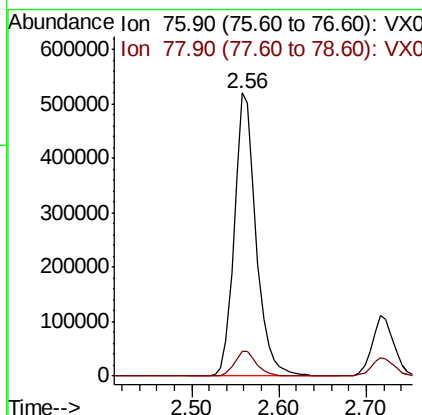
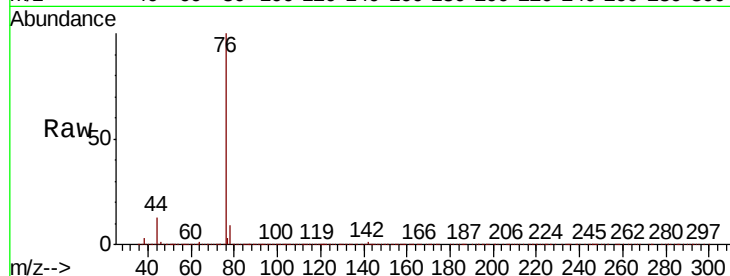
#17
Carbon Disulfide
Concen: 47.792 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

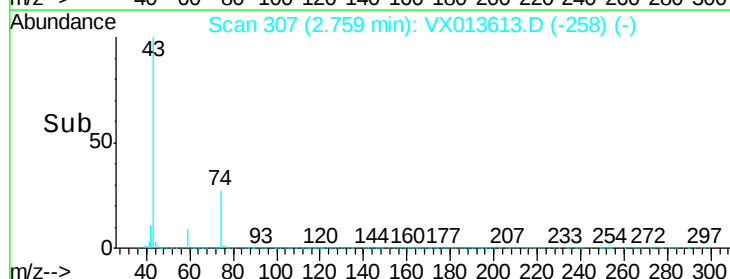
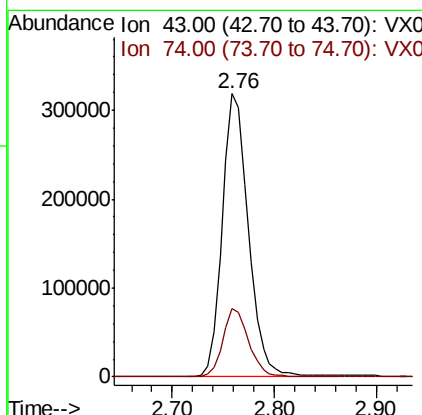
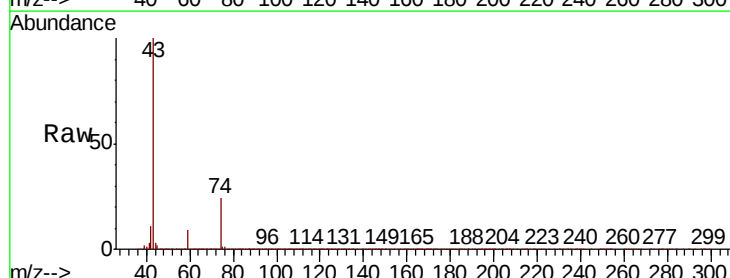
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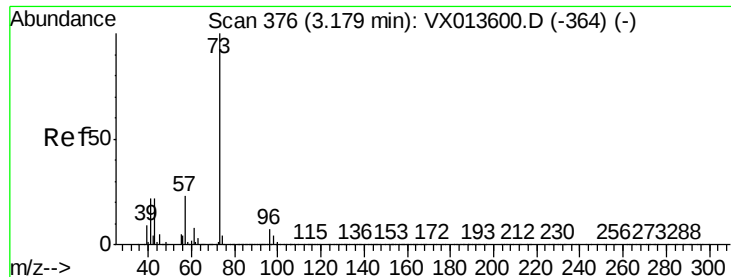
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#18
Methyl Acetate
Concen: 51.080 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.5	29.3





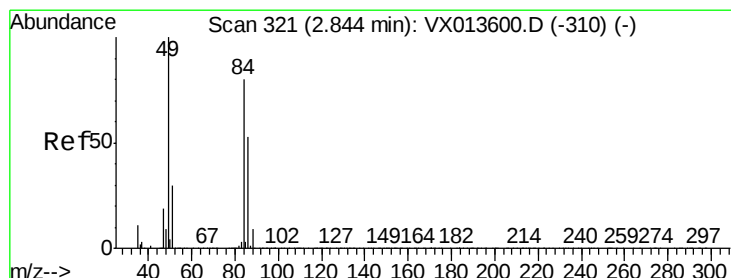
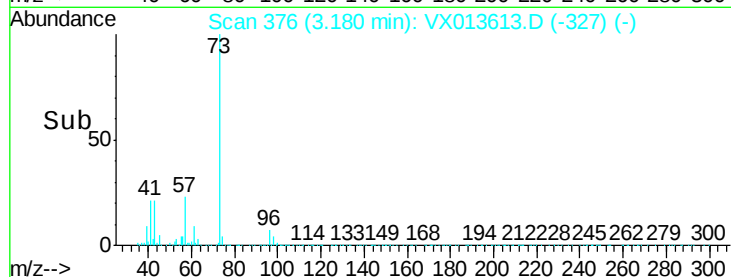
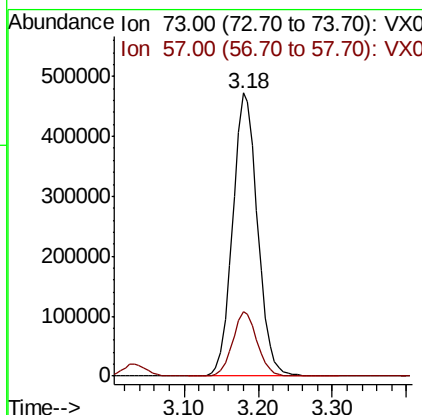
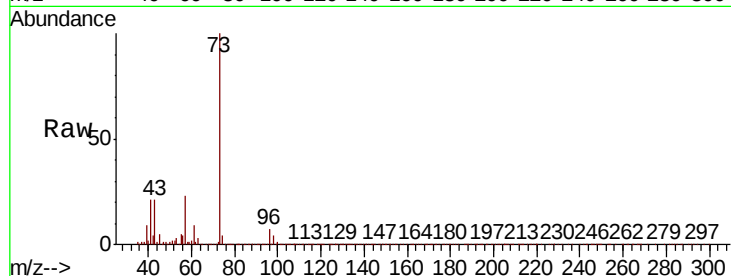
#19
Methvl tert-butvl Ether
Concen: 50.286 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1102831
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5

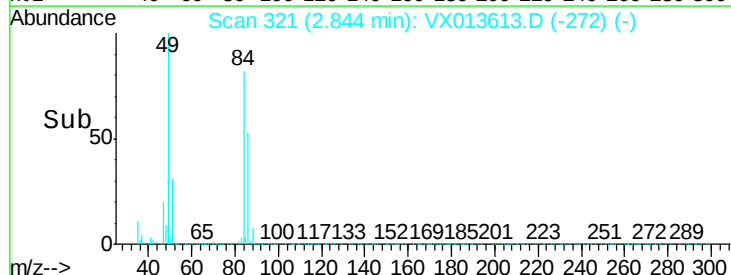
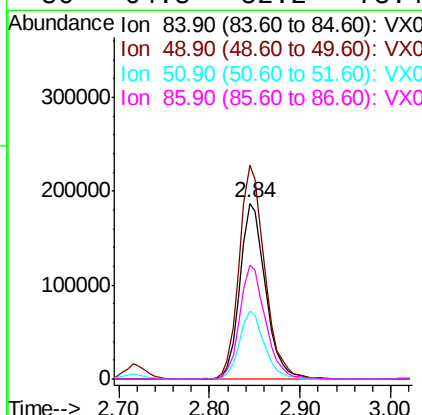
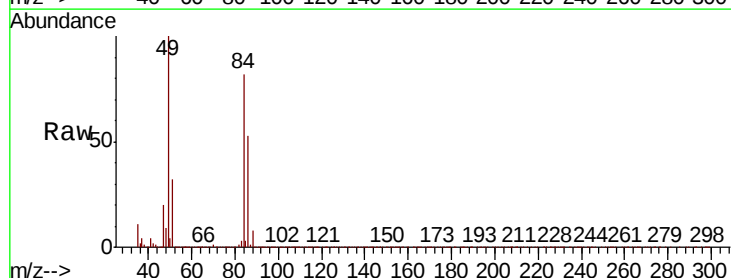
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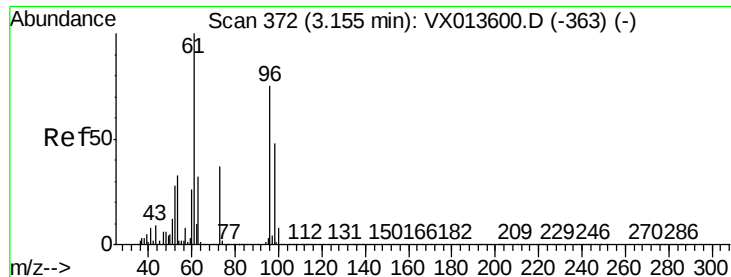
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#20
Methylene Chloride
Concen: 47.689 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion: 84 Resp: 365248
Ion Ratio Lower Upper
84 100
49 121.2 99.7 149.5
51 38.2 29.9 44.9
86 64.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 48.941 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

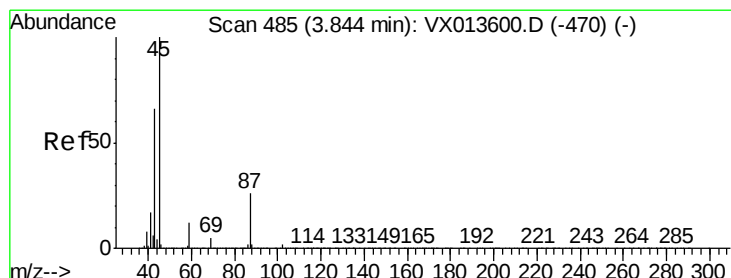
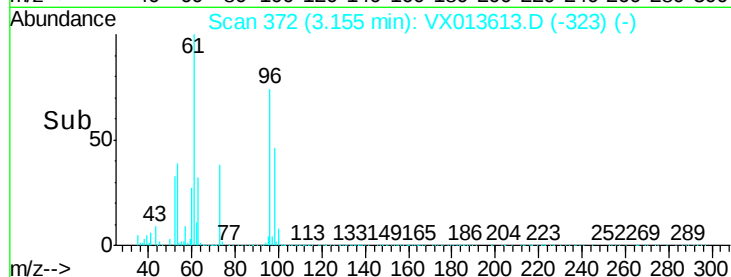
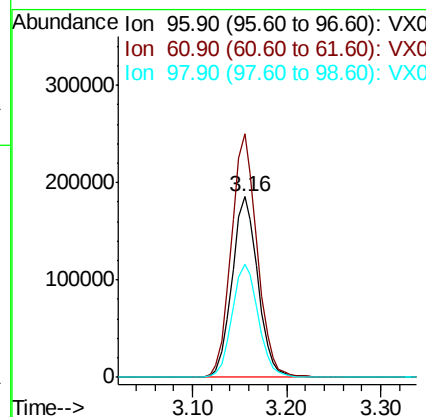
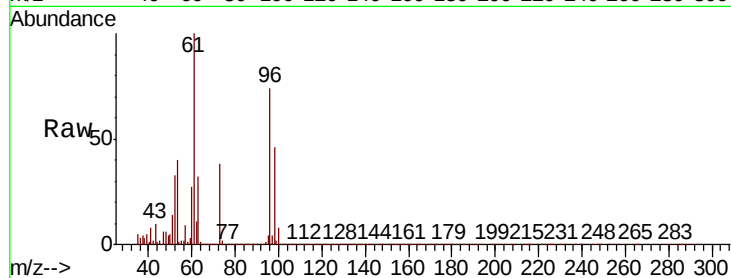
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	352962
Ion	Ratio	Lower	Upper
96	100		
61	134.8	107.2	160.8
98	62.5	51.4	77.0

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#22

Diisopropyl ether

Concen: 49.806 ug/l

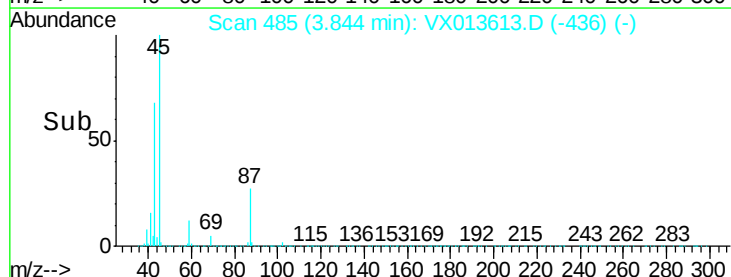
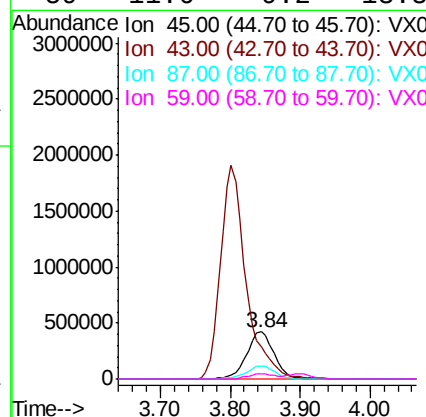
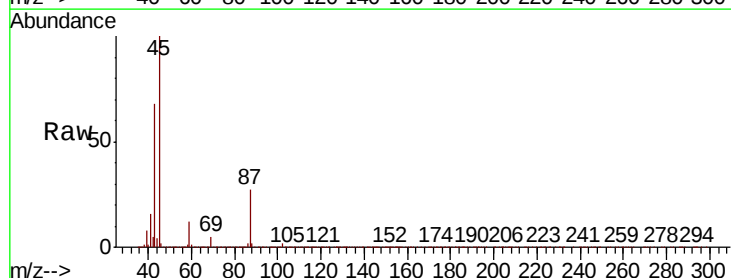
RT: 3.84 min Scan# 485

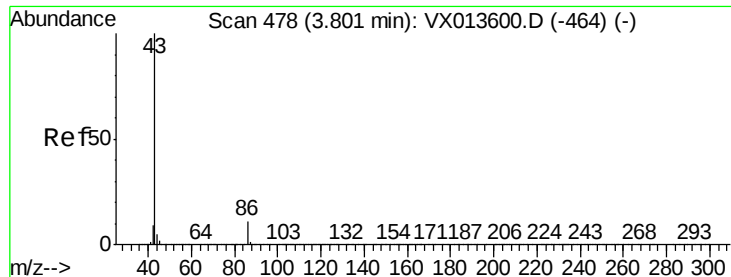
Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Tgt Ion:	45	Resp:	1152173
Ion	Ratio	Lower	Upper
45	100		
43	68.1	52.6	79.0
87	27.2	21.1	31.7
59	11.6	9.2	13.8





#23

Vinyl Acetate

Concen: 252.718 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 4863458

Ion Ratio Lower Upper

43 100

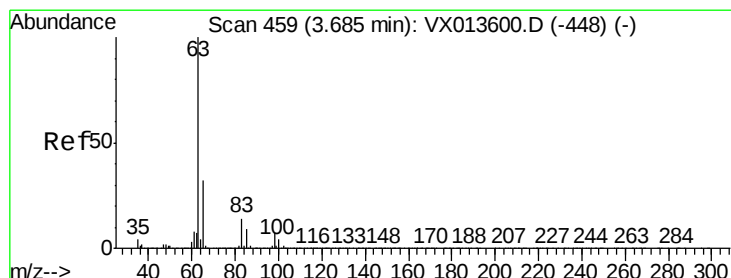
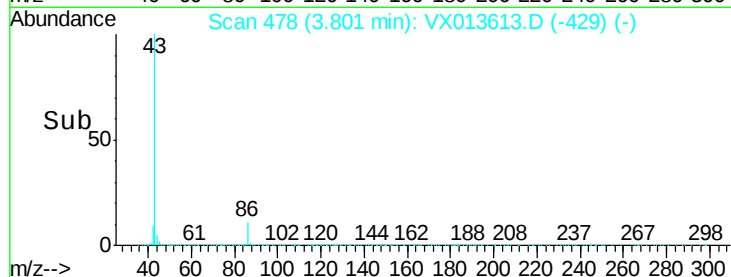
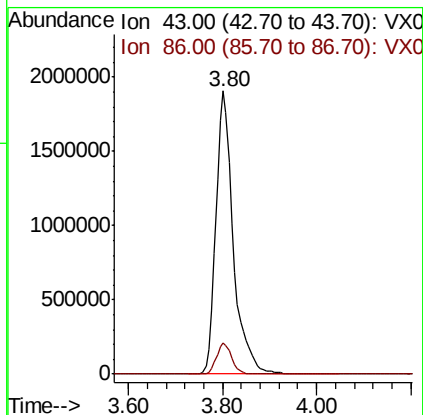
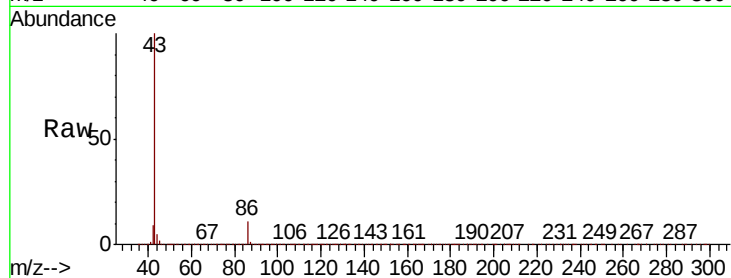
86 11.1 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 49.866 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

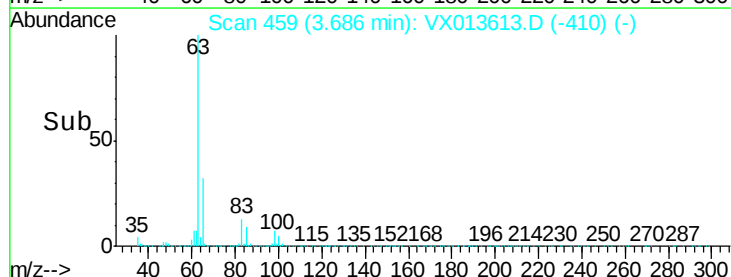
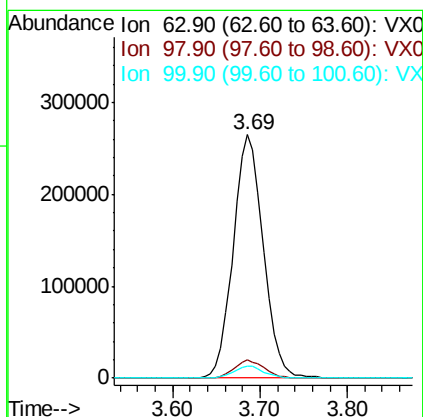
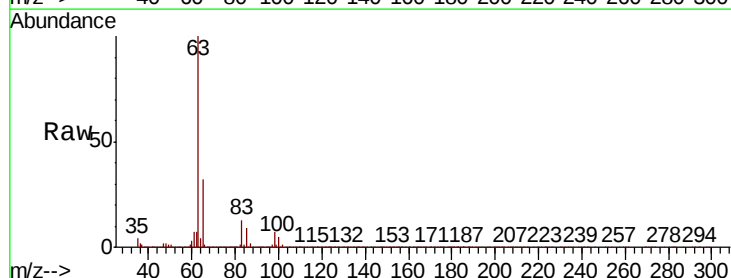
Tgt Ion: 63 Resp: 630618

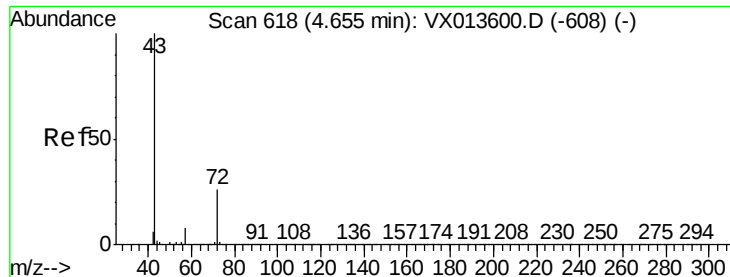
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.7 2.1 6.3





#25

2-Butanone

Concen: 241.190 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1429024

Ion Ratio Lower Upper

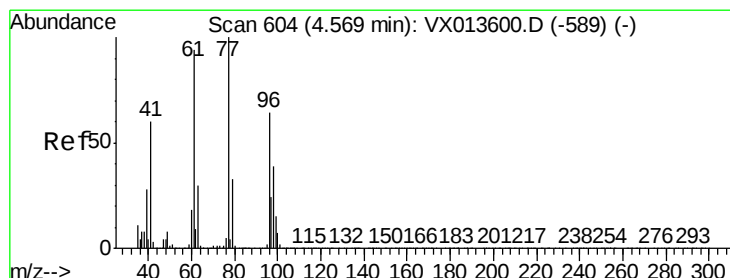
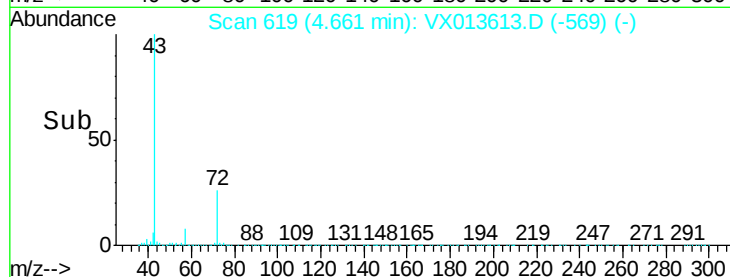
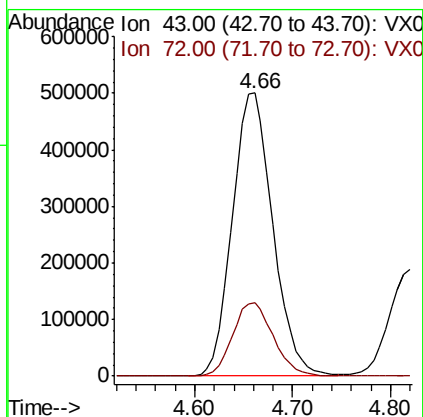
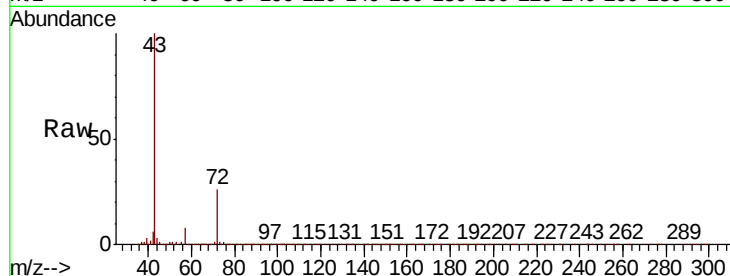
43 100

72 26.0 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 46.998 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013613.D

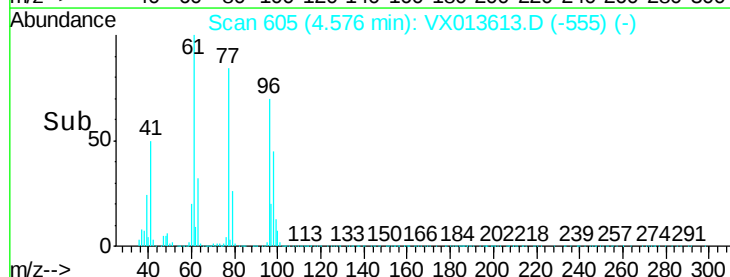
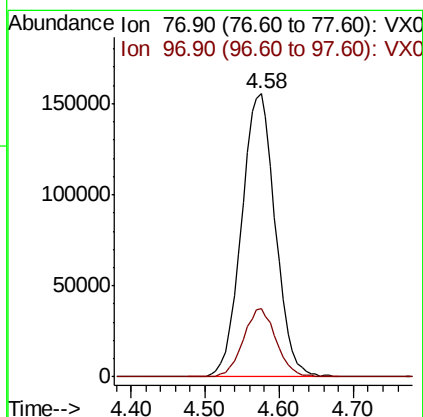
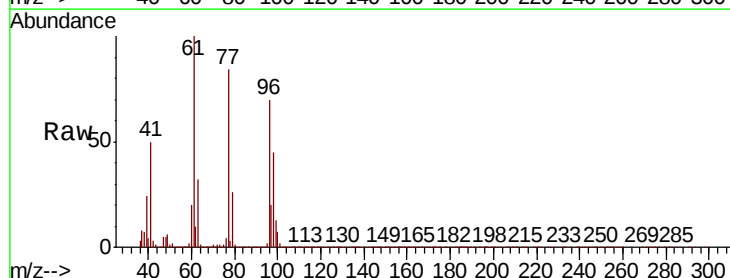
Acq: 26 Nov 2019 20:53

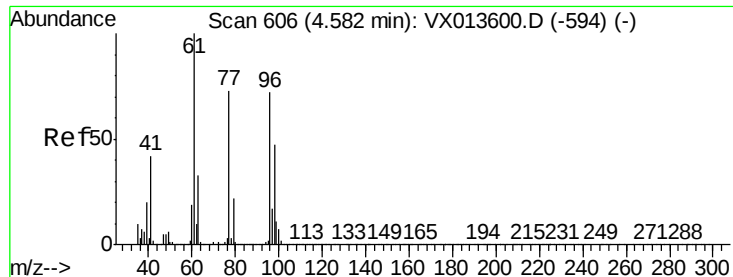
Tgt Ion: 77 Resp: 491746

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.1





#27

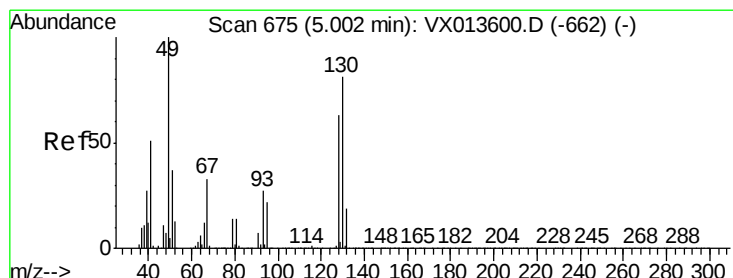
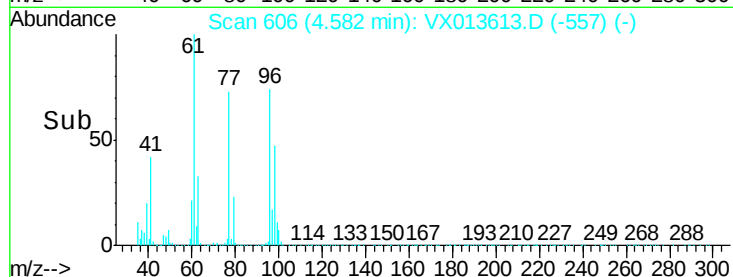
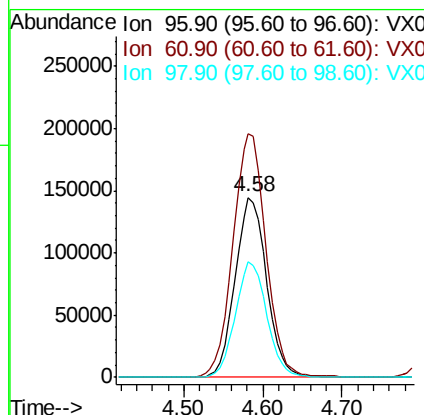
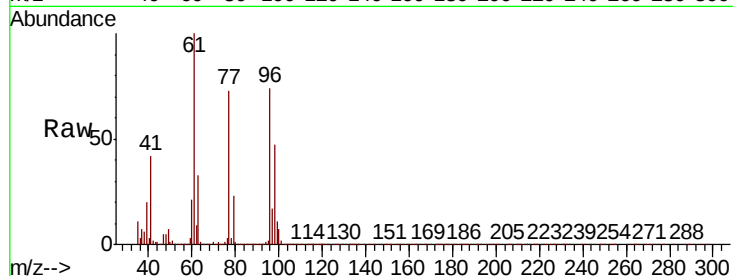
cis-1,2-Dichloroethene
Concen: 48.528 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	401923		
61	141.4	0.0	286.4	
98	63.6	0.0	127.4	

Manual Integrations
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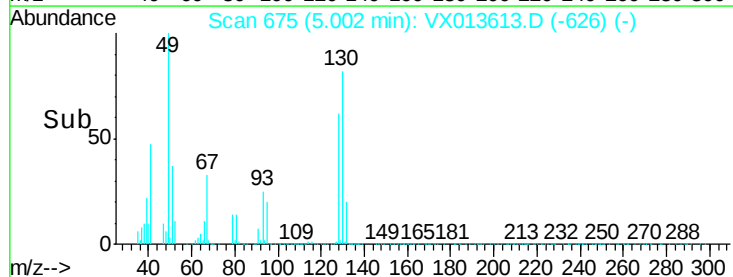
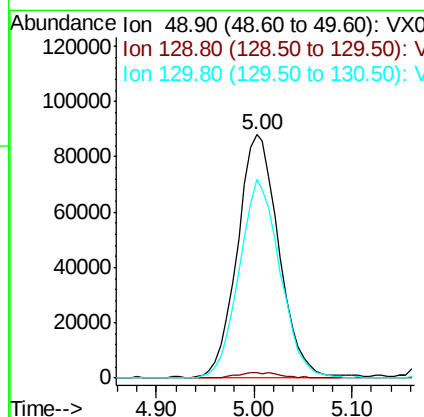
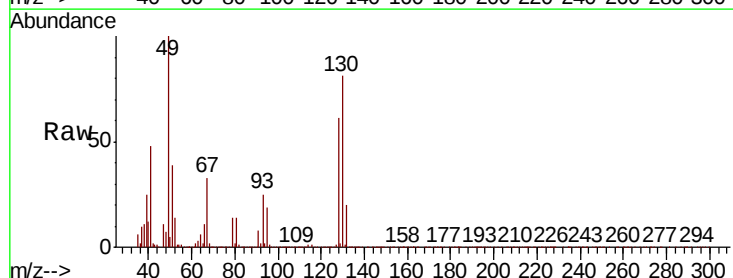
apatel
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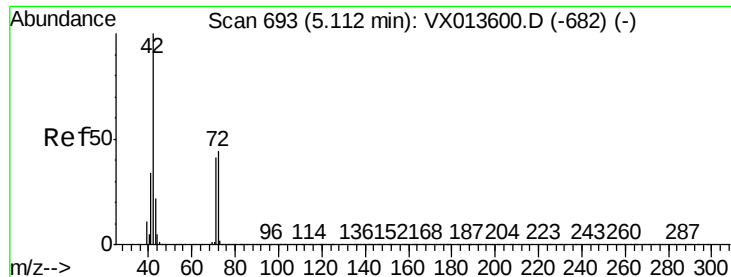


#28

Bromochloromethane
Concen: 51.304 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	256391		
129	2.4	0.0	5.0	
130	81.3	65.4	98.0	





#29

Tetrahydrofuran

Concen: 250.139 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

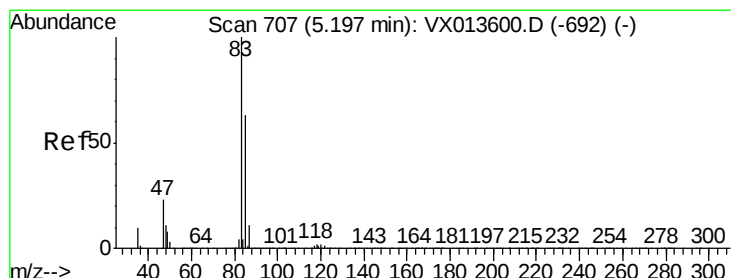
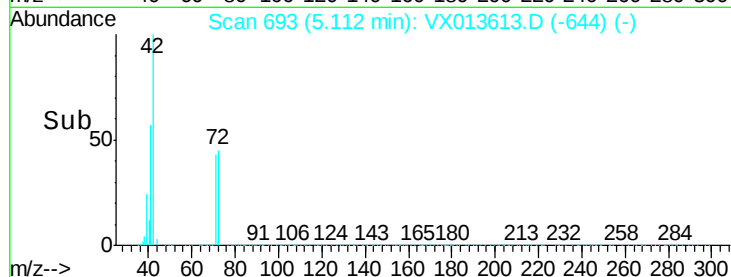
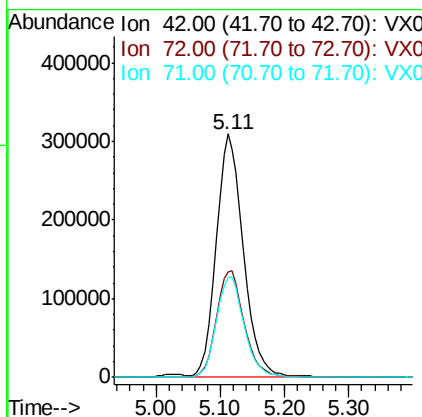
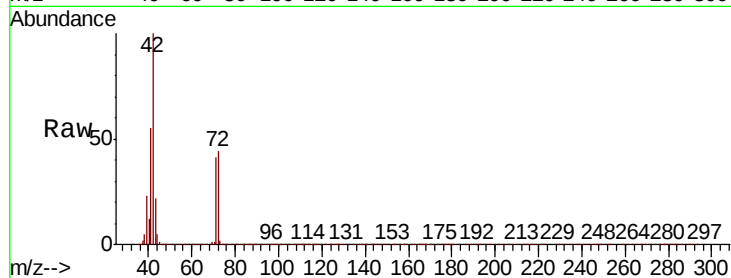
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	913638
Ion Ratio		Lower	Upper
42	100		
72	45.0	36.3	54.5
71	42.4	33.2	49.8

Manual Integrations
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#30

Chloroform

Concen: 47.902 ug/l

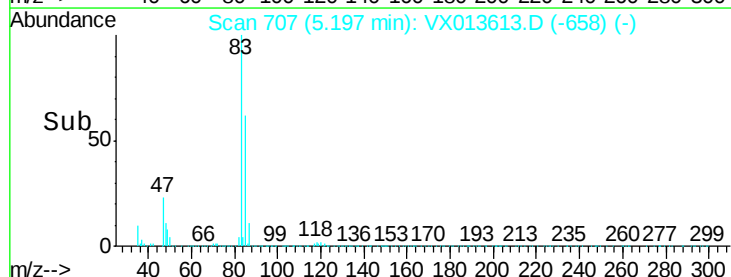
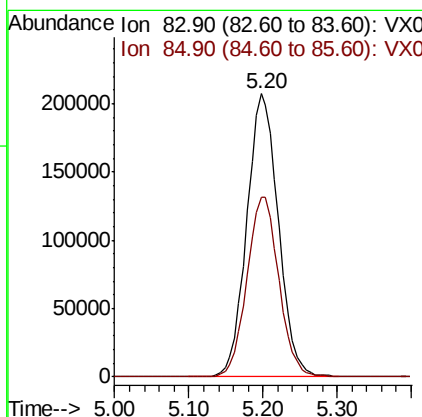
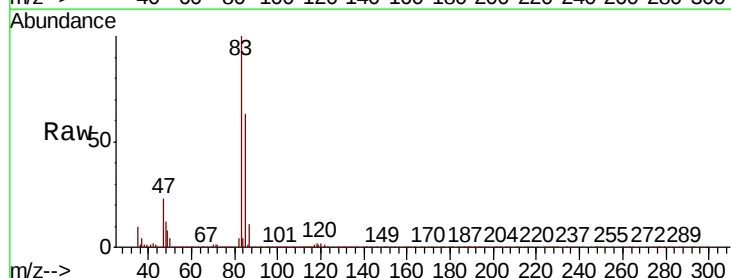
RT: 5.20 min Scan# 707

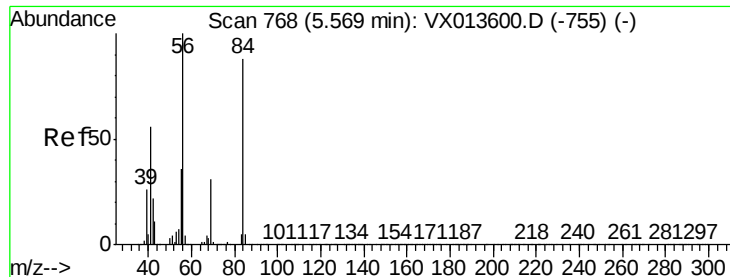
Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Tgt Ion:	83	Resp:	614354
Ion Ratio		Lower	Upper
83	100		
85	63.3	50.2	75.4





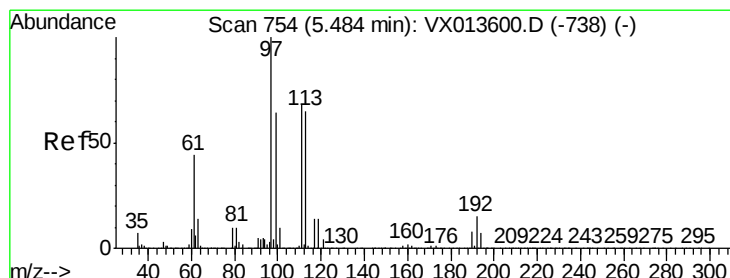
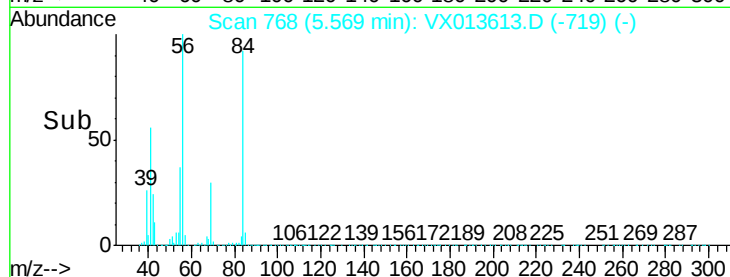
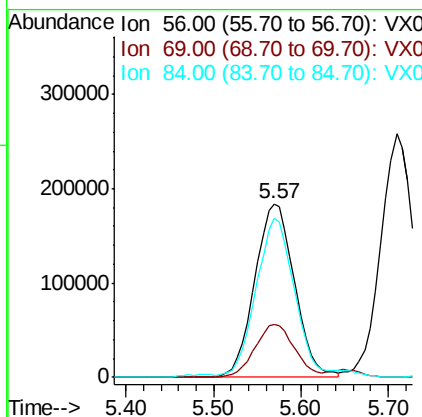
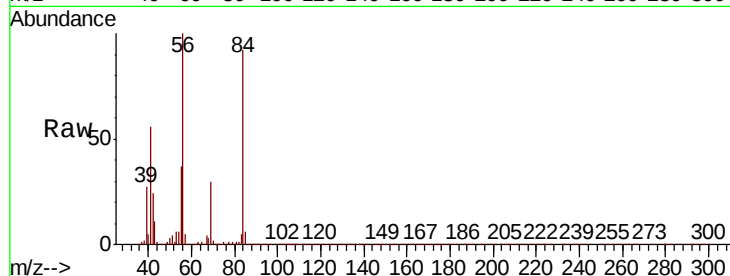
#31
Cyclohexane
Concen: 48.455 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.6	36.8
84	90.6	70.0	105.0

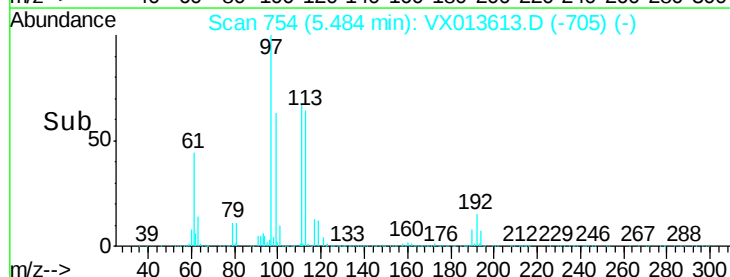
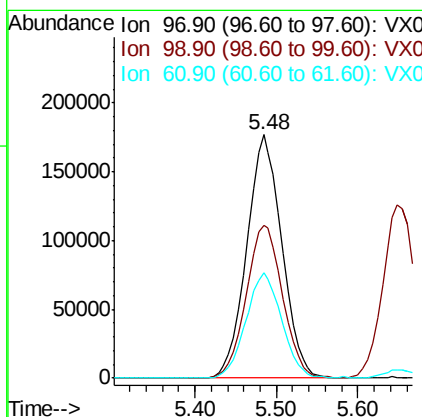
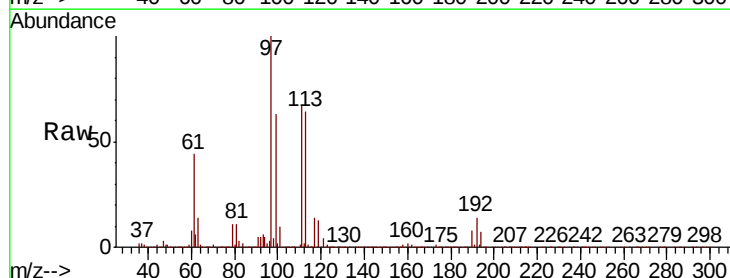
Manual Integrations
APPROVED

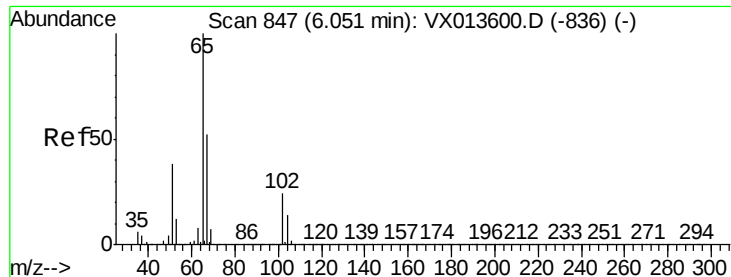
apatel
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#32
1,1,1-Trichloroethane
Concen: 49.490 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.6	77.4
61	43.5	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 48.543 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 391976

Ion Ratio Lower Upper

65 100

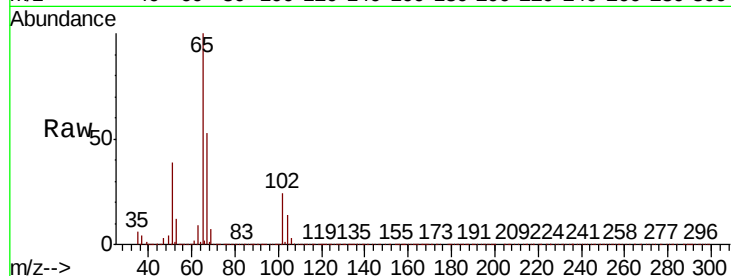
67 52.8 0.0 104.4

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

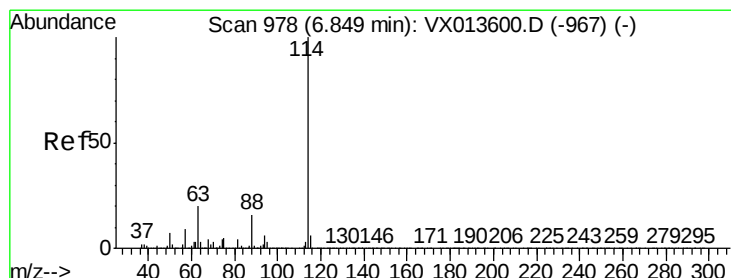
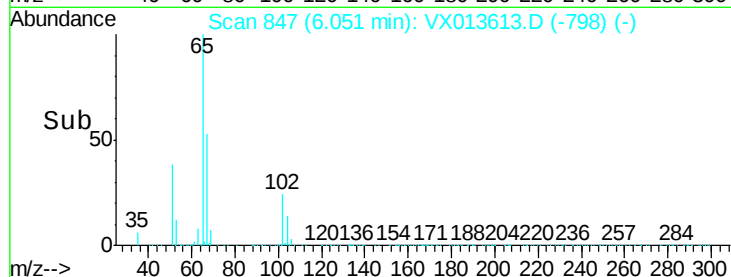
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

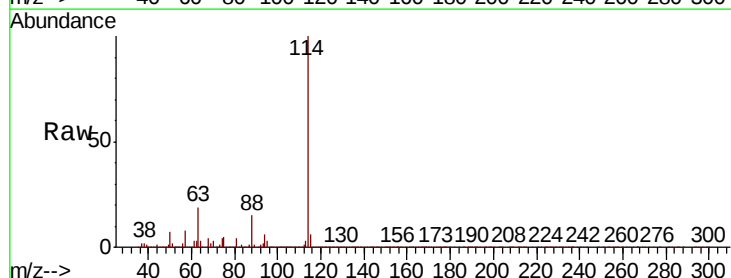
Tgt Ion: 114 Resp: 1075476

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

600000

500000

400000

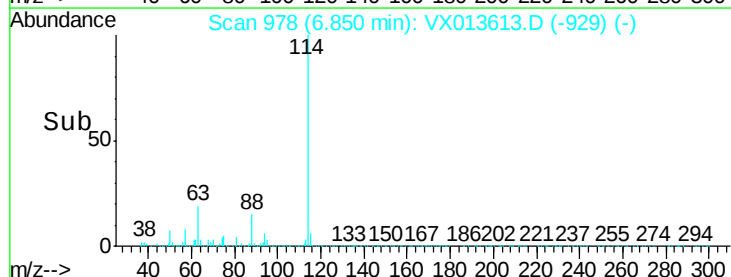
300000

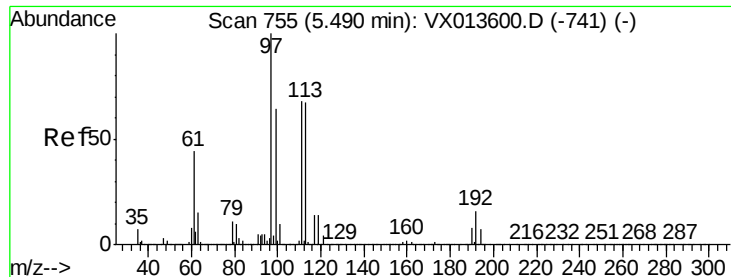
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100000

0

Time-->





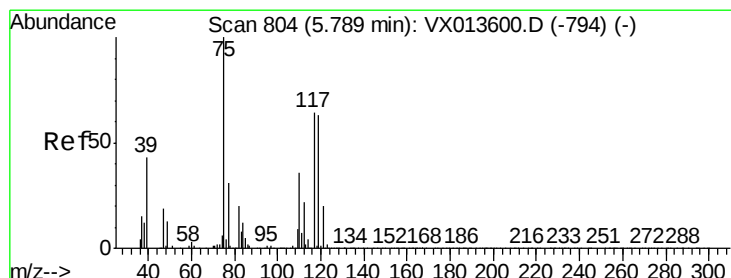
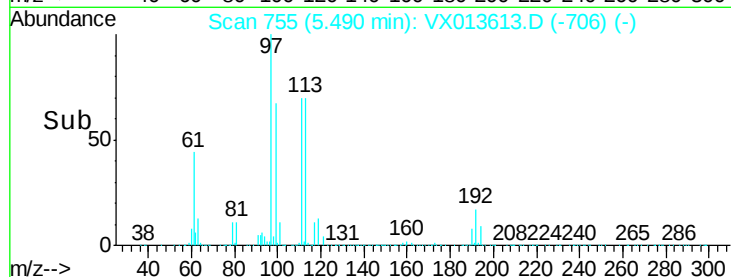
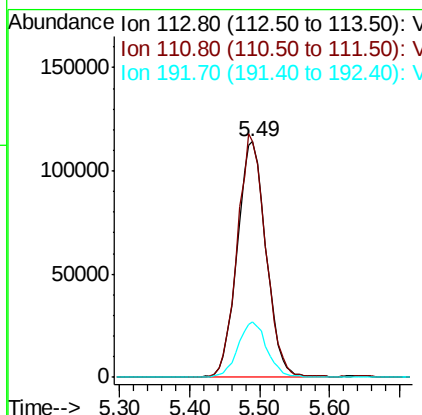
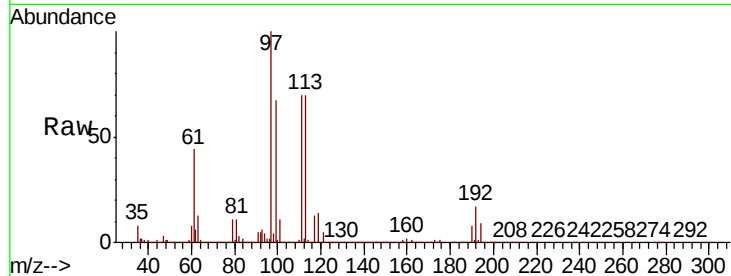
#35
Dibromofluoromethane
Concen: 49.392 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.6	83.6	125.4
192	23.6	19.2	28.8

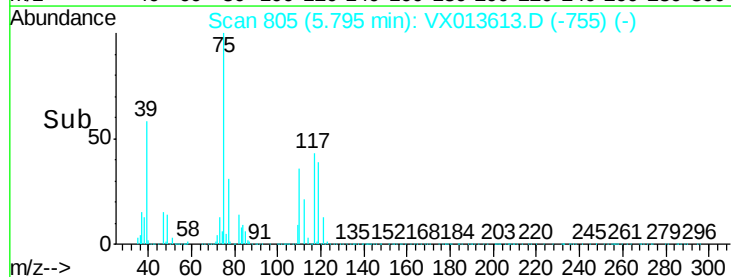
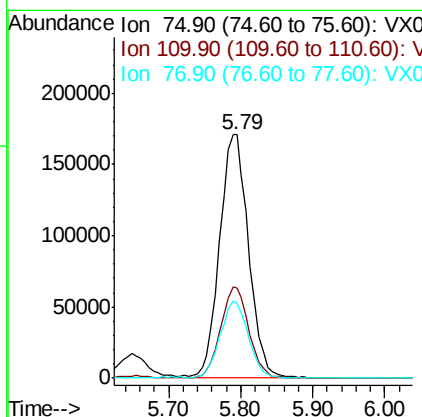
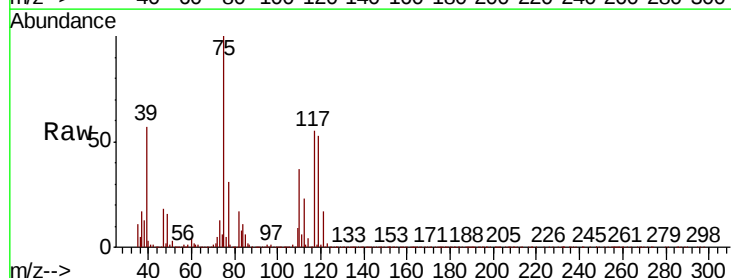
Manual Integrations
APPROVED

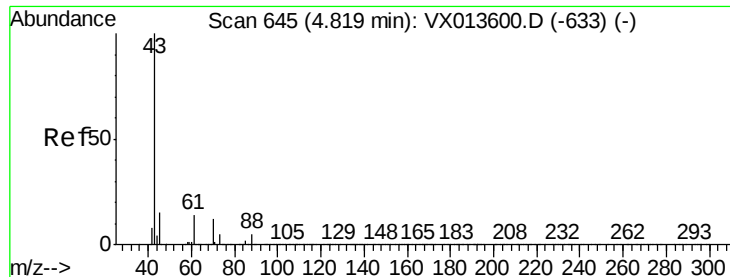
apatel
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#36
1,1-Dichloropropene
Concen: 48.587 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.1	54.1
77	30.8	24.5	36.7





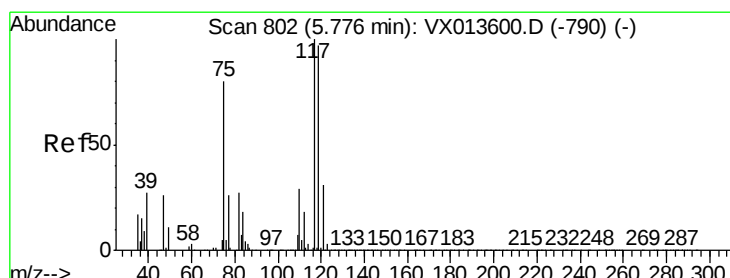
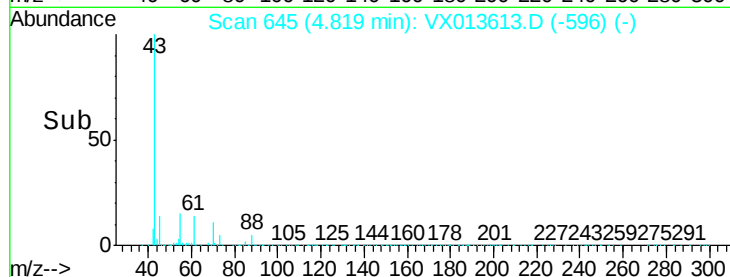
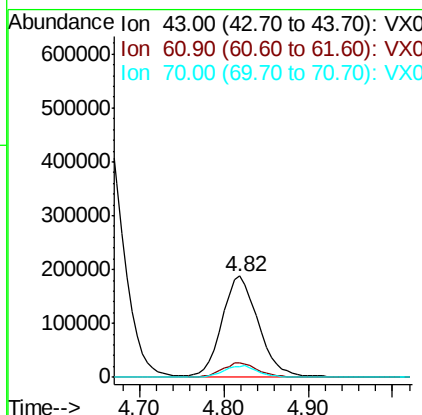
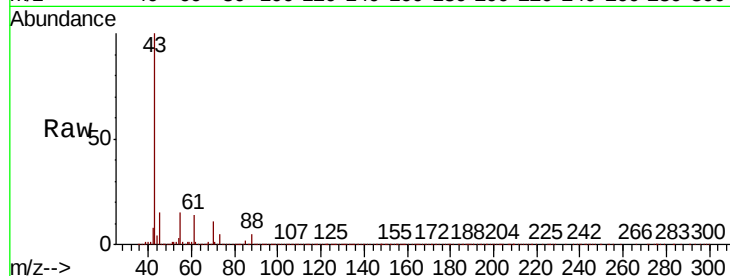
#37
Ethyl Acetate
Concen: 49.823 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.4
70	11.4	8.6	12.8

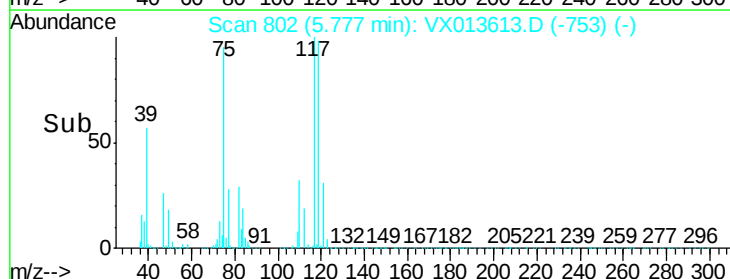
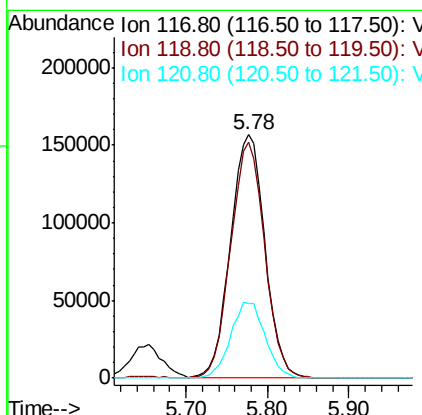
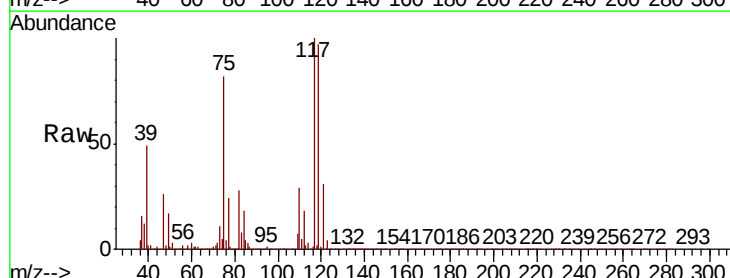
Manual Integrations
APPROVED

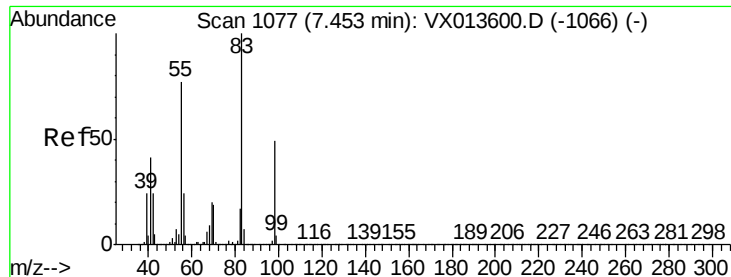
apatel
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#38
Carbon Tetrachloride
Concen: 50.591 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.5	116.3
121	30.8	25.0	37.6





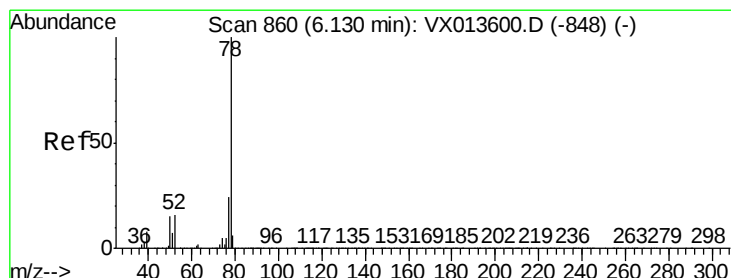
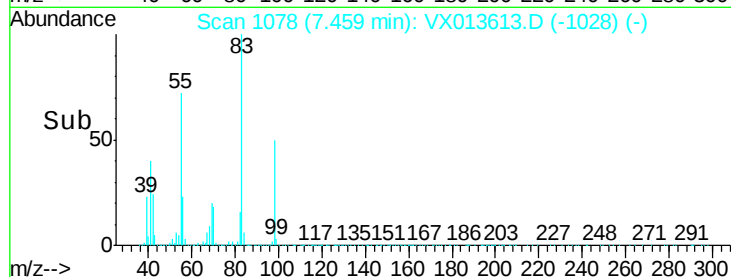
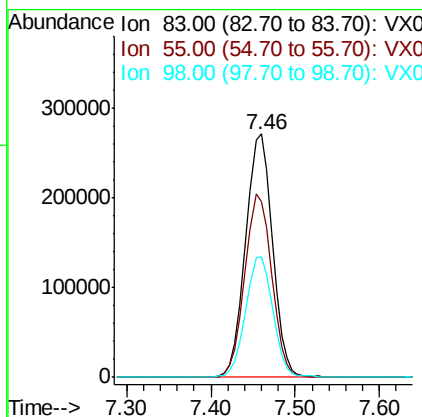
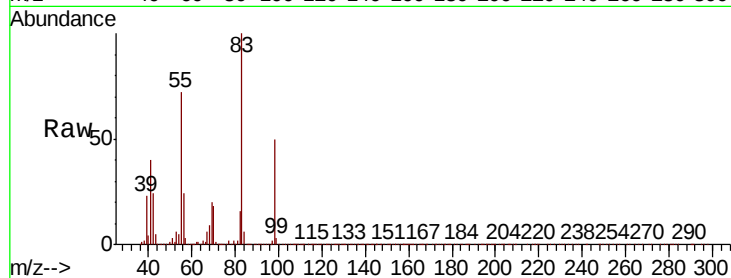
#39
Methvlcvclohexane
Concen: 48.641 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.2	61.9	92.9
98	49.8	39.4	59.0

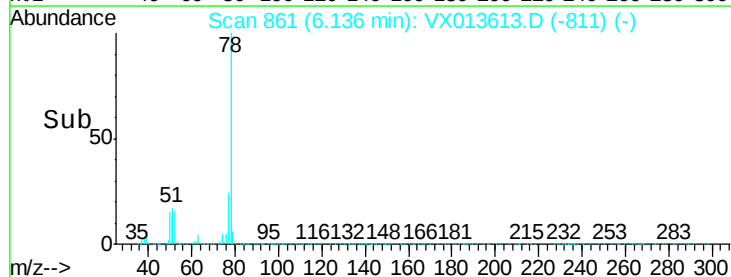
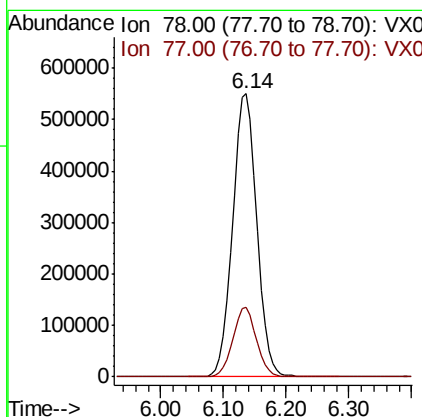
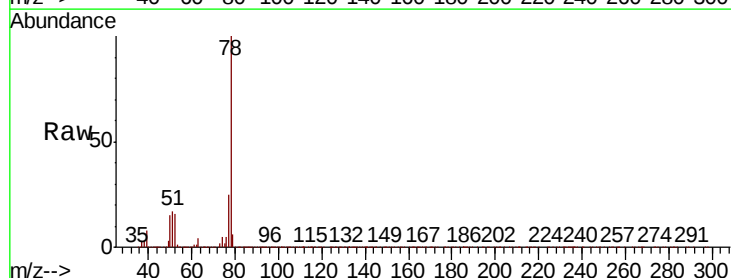
Manual Integrations
APPROVED

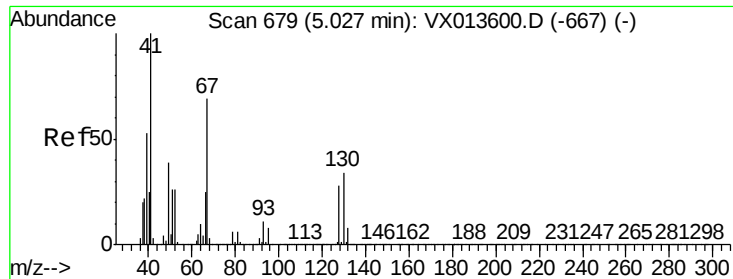
apatel
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#40
Benzene
Concen: 49.210 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.0	28.4





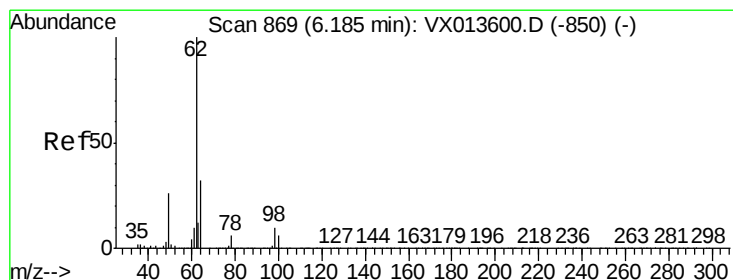
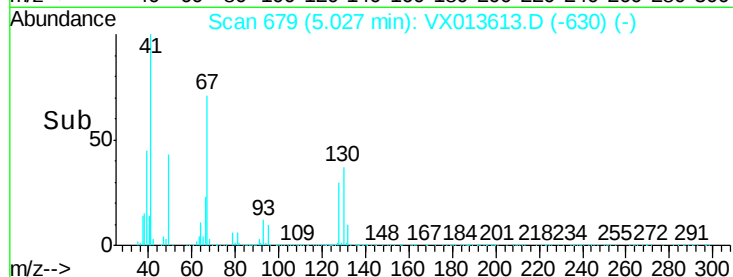
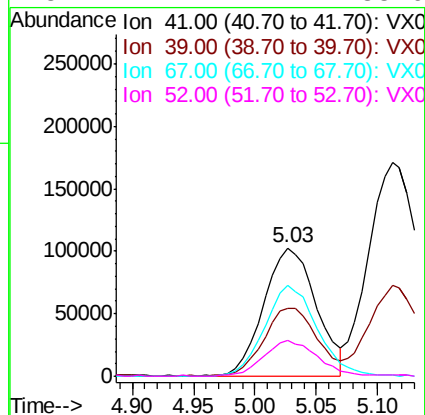
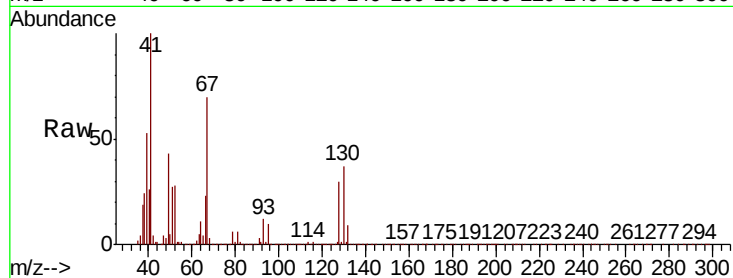
#41
Methacrylonitrile
Concen: 50.919 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.2	42.9	64.3	
67	70.5	57.4	86.0	
52	27.7	22.4	33.6	

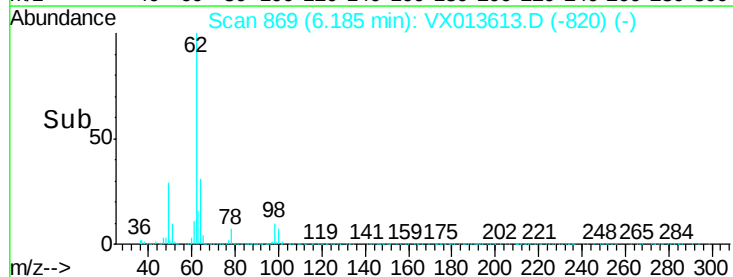
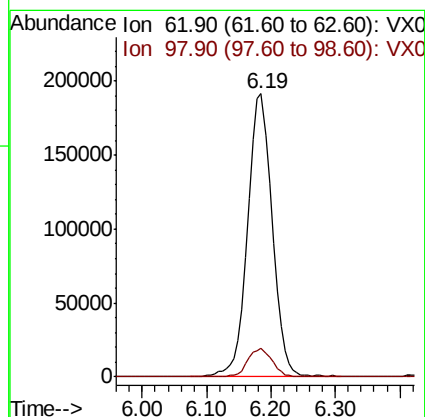
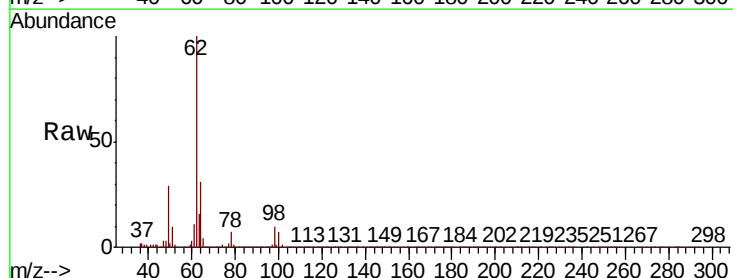
Manual Integrations
APPROVED

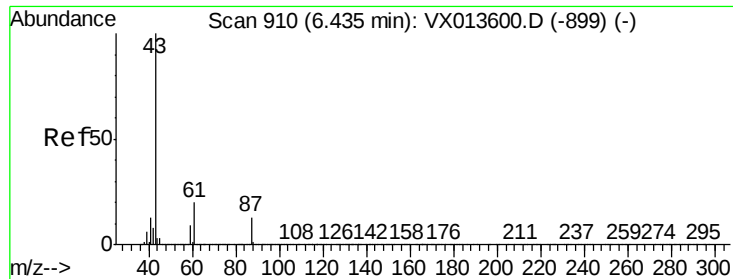
apatel
11/27/2019 3:44:51 PM



#42
1,2-Dichloroethane
Concen: 49.138 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

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





#43

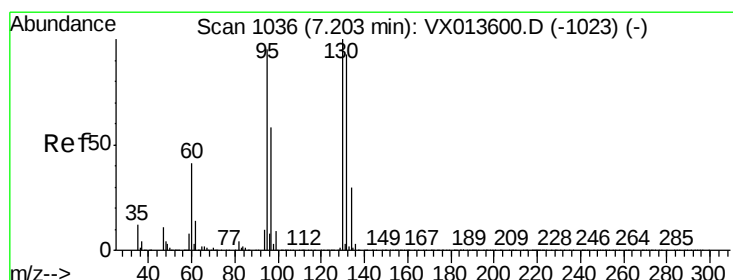
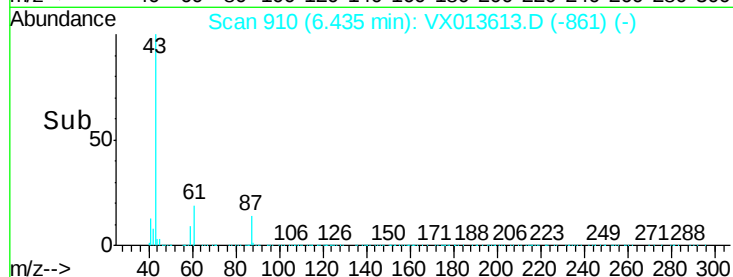
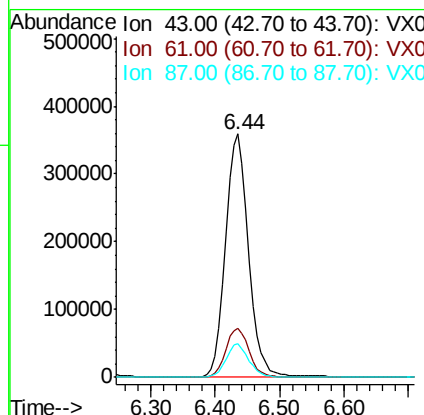
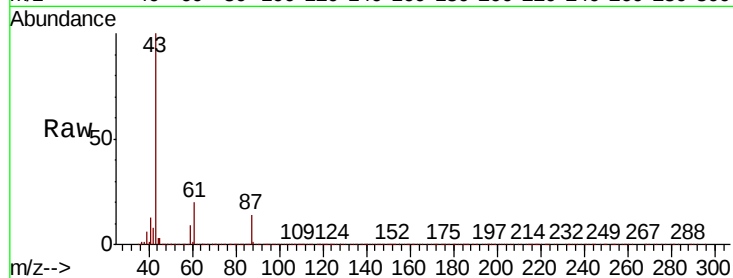
Isopropyl Acetate
 Concen: 50.054 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	43	Resp:	902504
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.3	24.5
87	13.6	10.8	16.2

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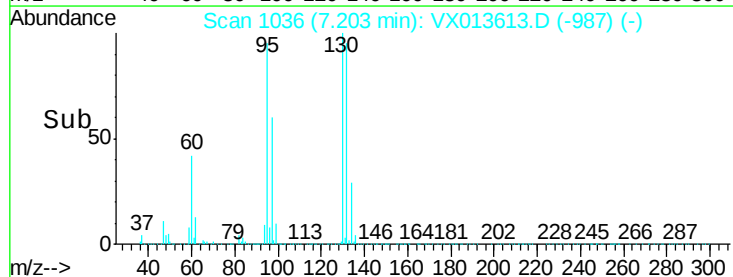
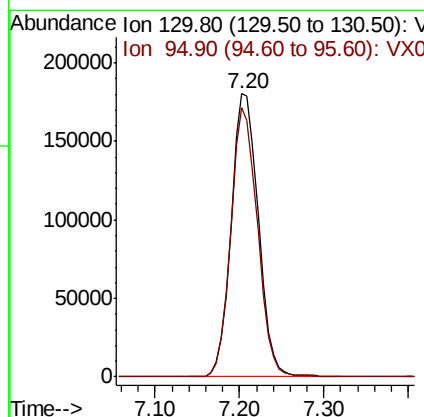
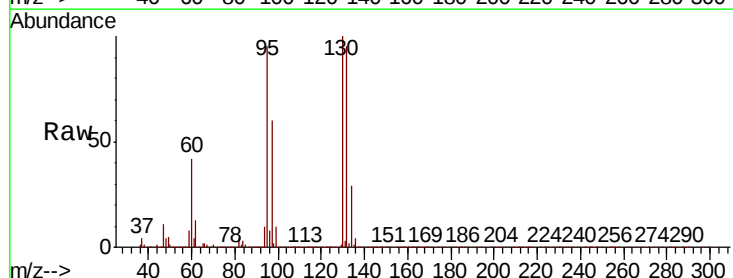
apatel
 11/27/2019 3:44:51 PM



#44

Trichloroethene
 Concen: 48.078 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

Tgt Ion:	130	Resp:	392332
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	190.8





#45

1,2-Dichloropropane

Concen: 49.856 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 370894

Ion Ratio Lower Upper

63 100

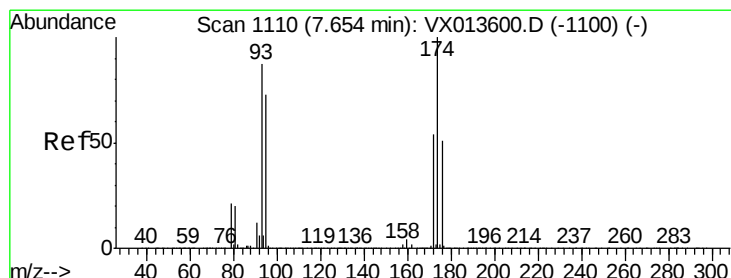
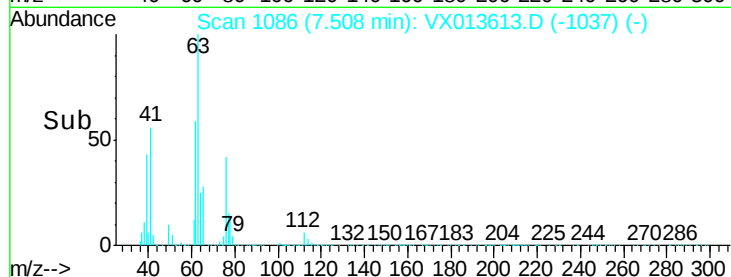
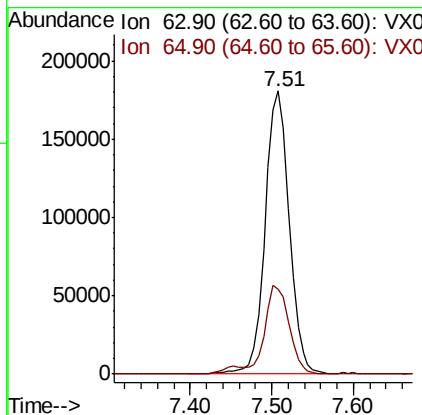
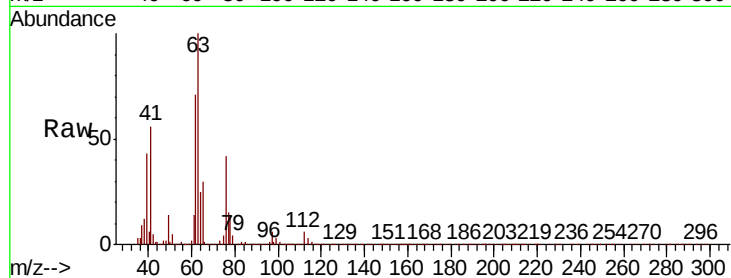
65 29.9 25.5 38.3

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#46

Dibromomethane

Concen: 48.349 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

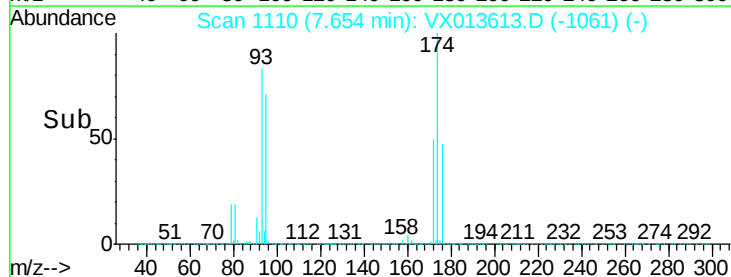
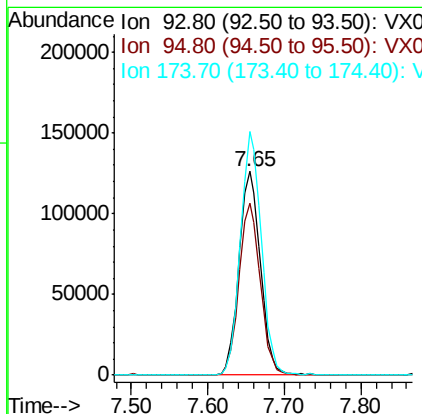
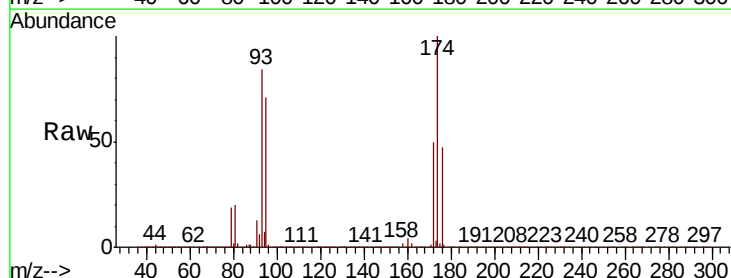
Tgt Ion: 93 Resp: 244287

Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.2

174 116.8 93.4 140.0





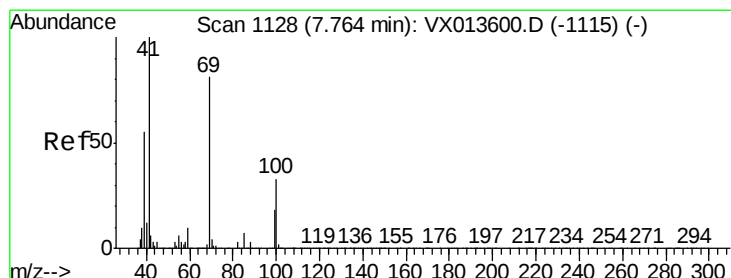
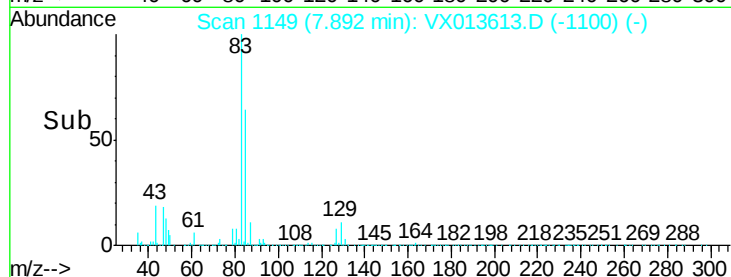
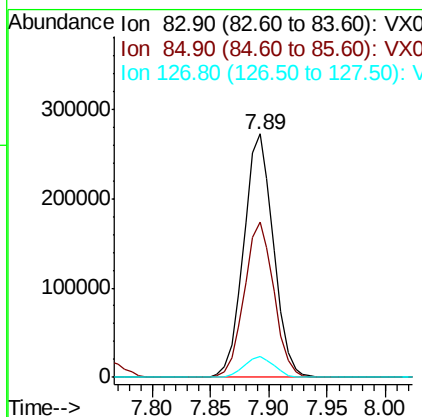
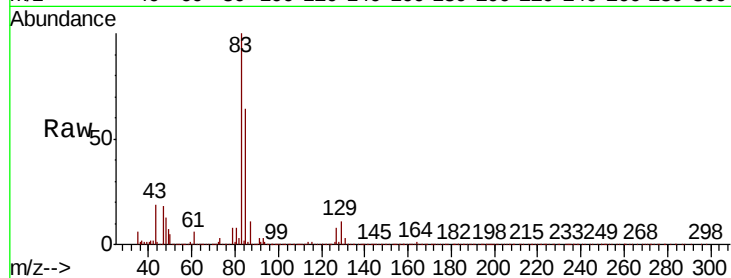
#47
Bromodichloromethane
Concen: 50.571 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.1	78.1
127	8.4	7.0	10.4

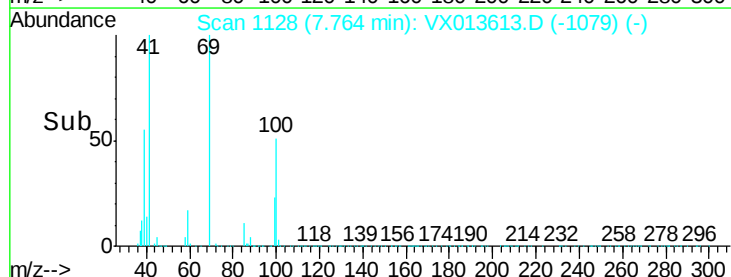
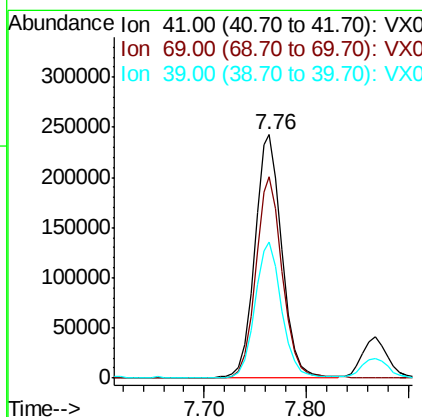
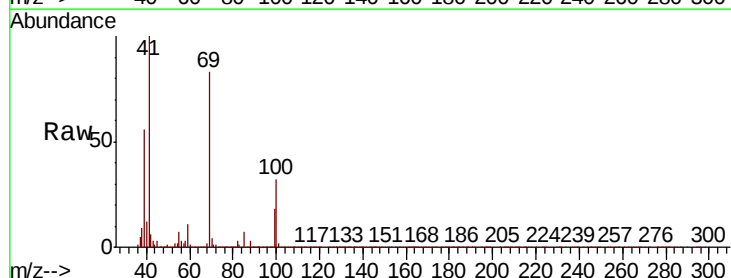
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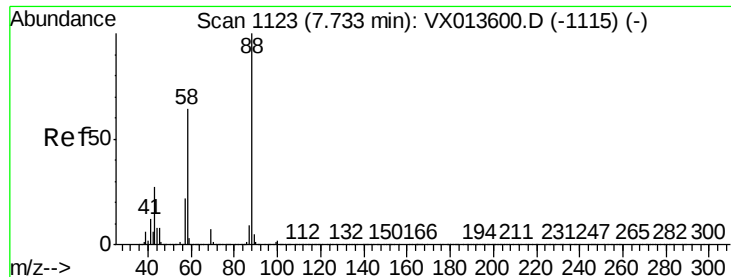
apatel
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#48
Methyl methacrylate
Concen: 51.026 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.0	64.7	97.1
39	55.1	43.8	65.6





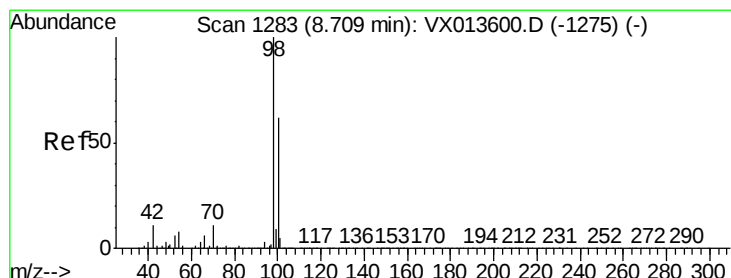
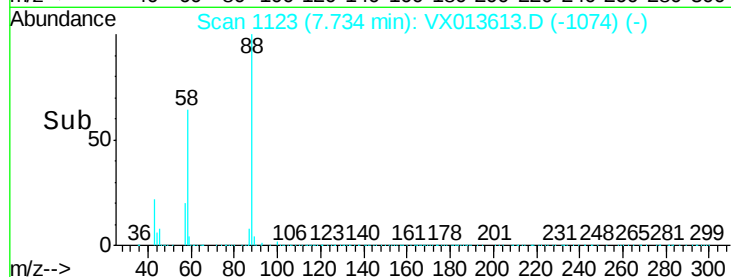
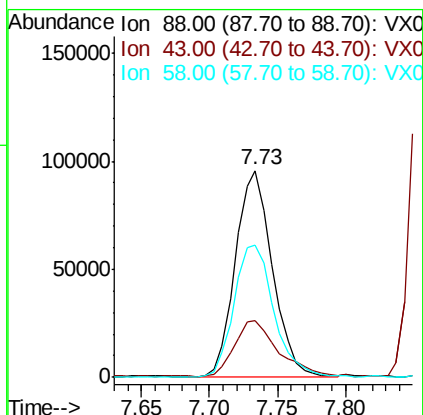
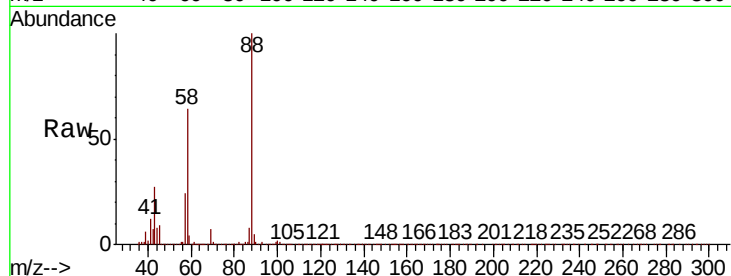
#49
1,4-Dioxane
Concen: 920.135 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	25.8	38.6
58	70.1	54.6	82.0

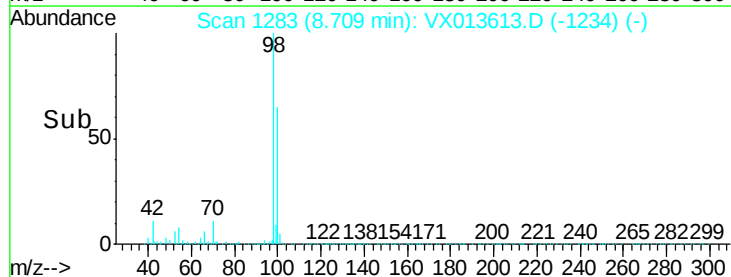
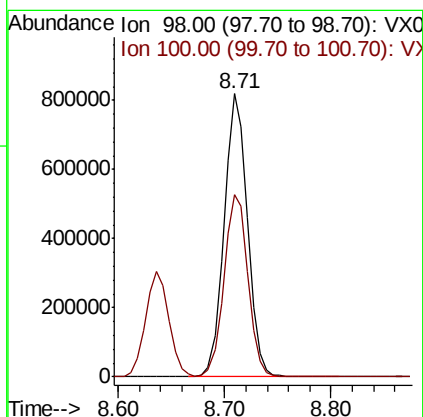
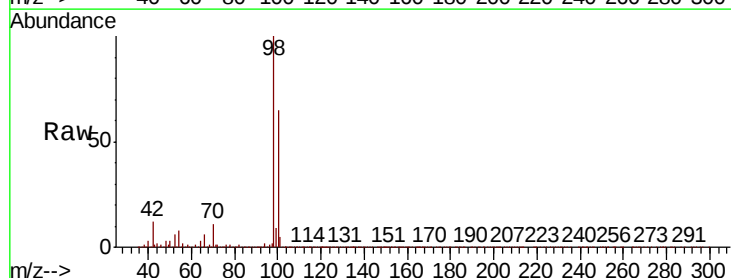
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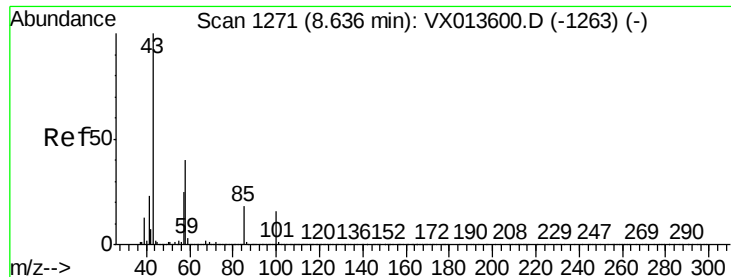
apatel
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#50
Toluene-d8
Concen: 48.249 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 245.987 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2789926

Ion Ratio Lower Upper

43 100

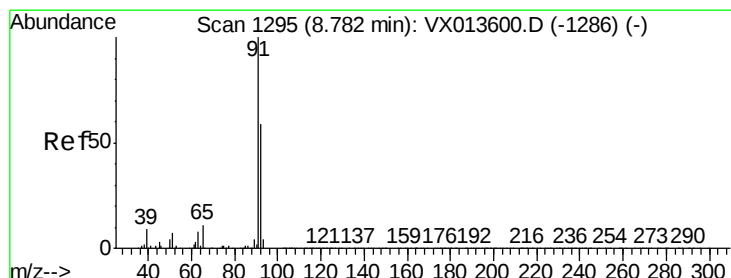
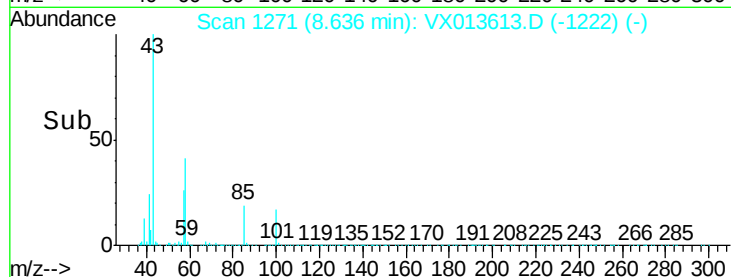
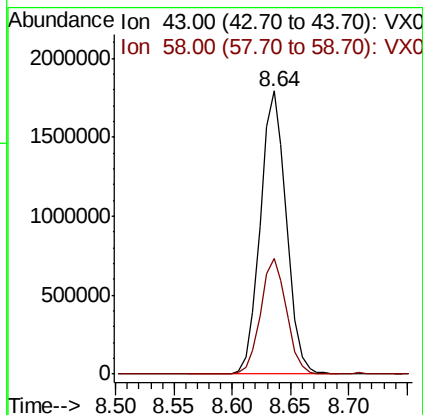
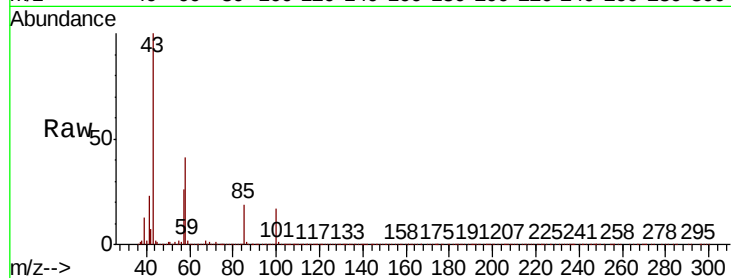
58 40.6 32.1 48.1

Manual Integrations

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#52

Toluene

Concen: 49.630 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013613.D

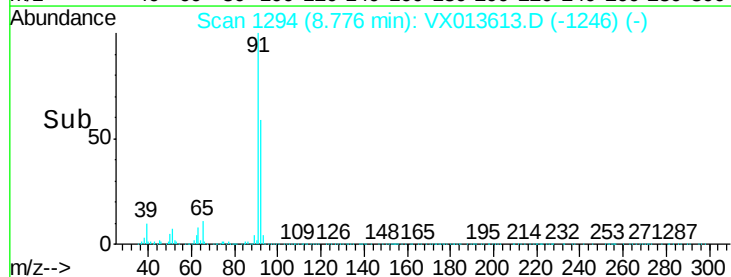
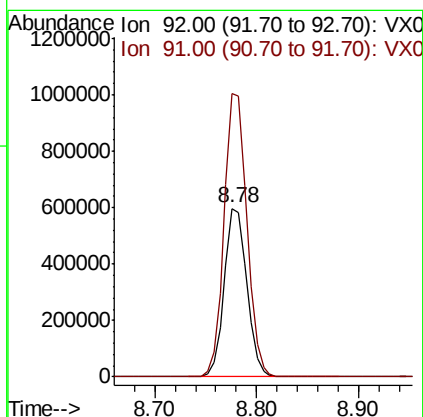
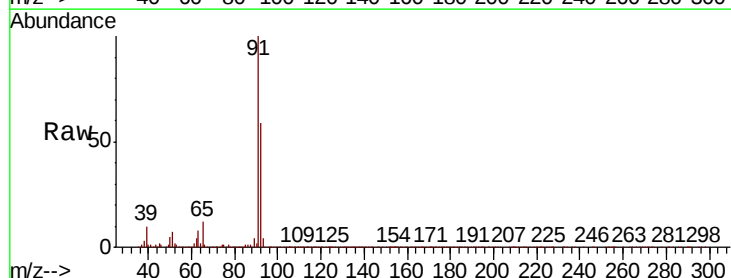
Acq: 26 Nov 2019 20:53

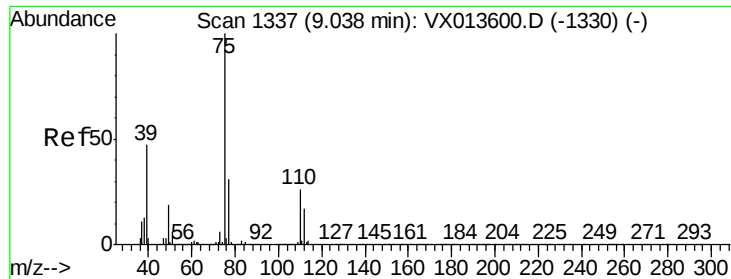
Tgt Ion: 92 Resp: 916761

Ion Ratio Lower Upper

92 100

91 169.9 136.2 204.2





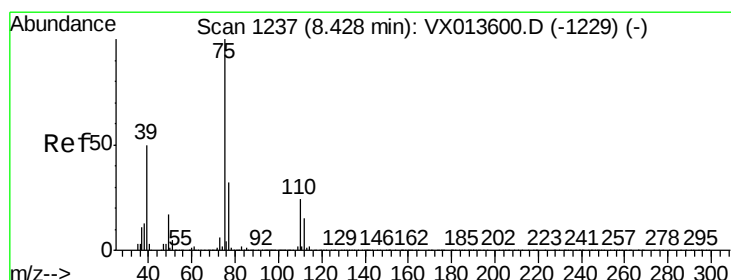
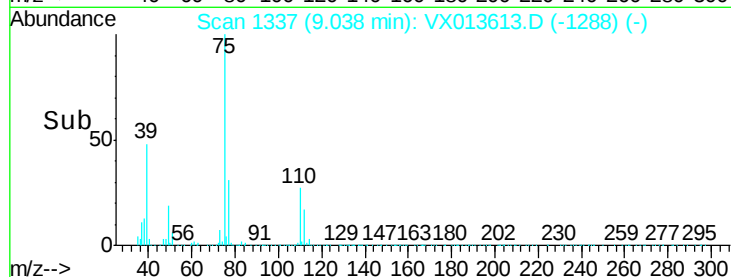
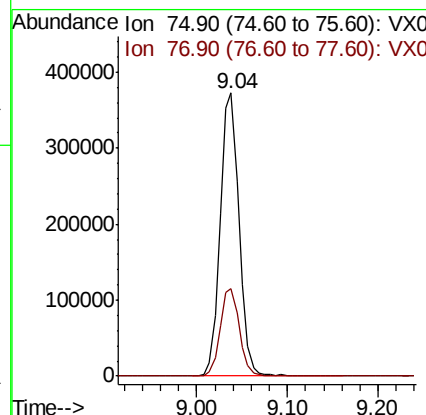
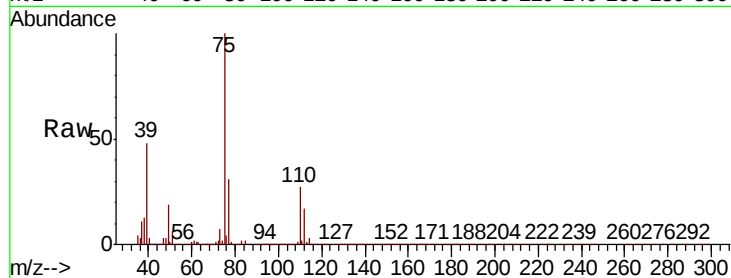
#53
t-1,3-Dichloropropene
Concen: 49.877 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.4	36.6

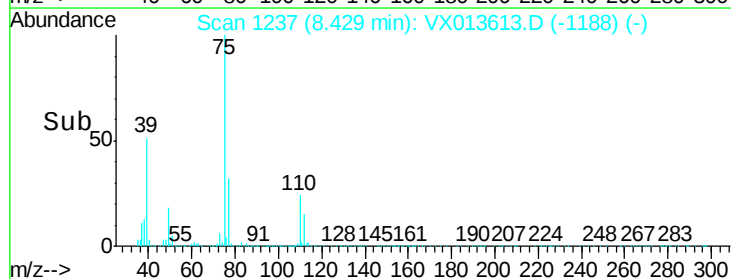
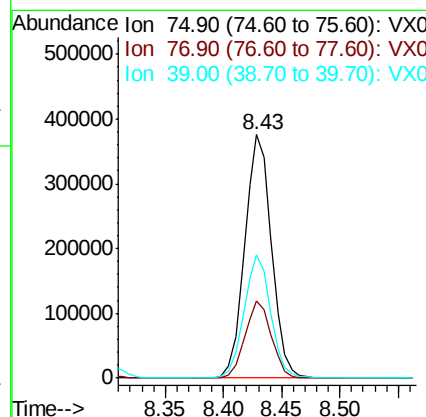
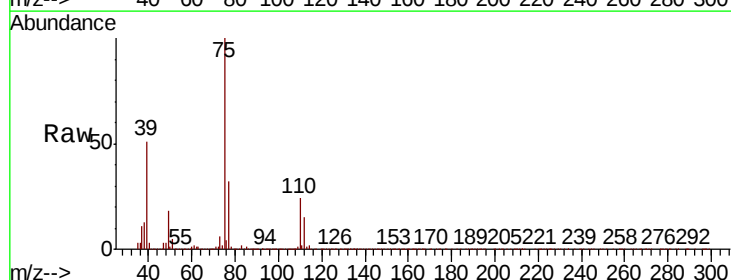
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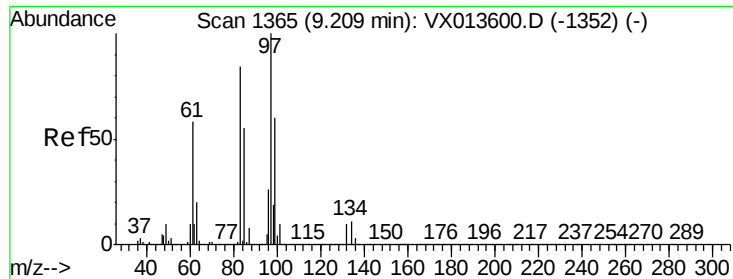
apatel
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#54
cis-1,3-Dichloropropene
Concen: 50.675 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.8	38.6
39	50.7	39.9	59.9





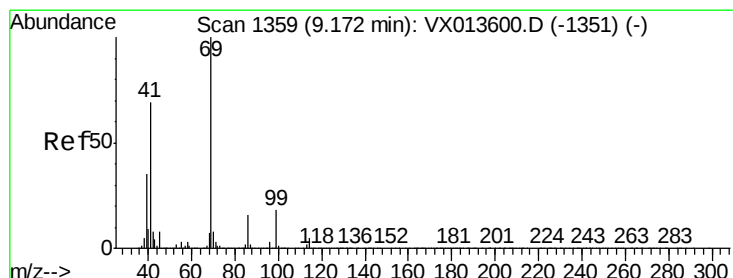
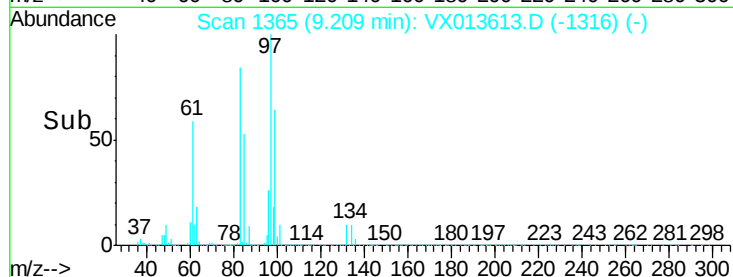
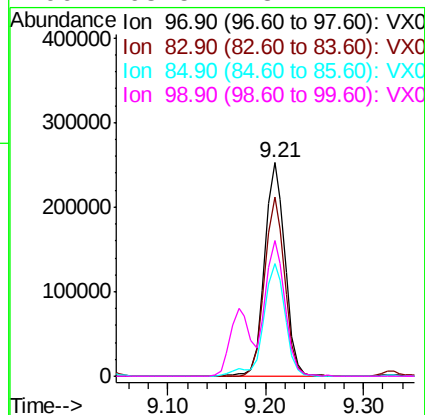
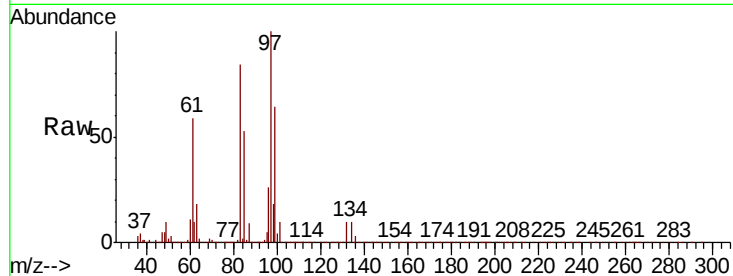
#55
 1,1,2-Trichloroethane
 Concen: 49.458 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		368151		
83	83.9	67.3	100.9		
85	52.9	43.6	65.4		
99	63.5	48.2	72.4		

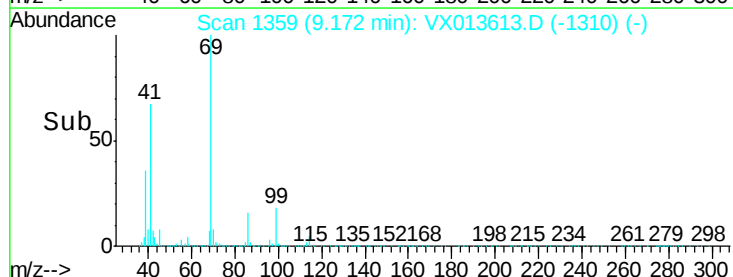
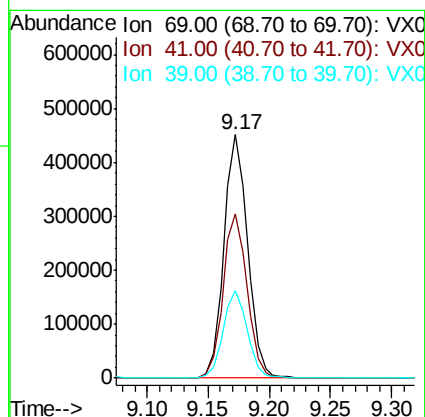
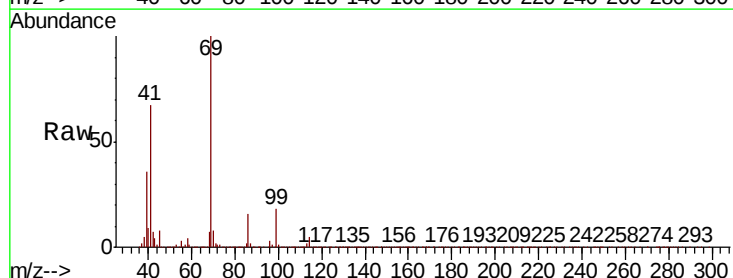
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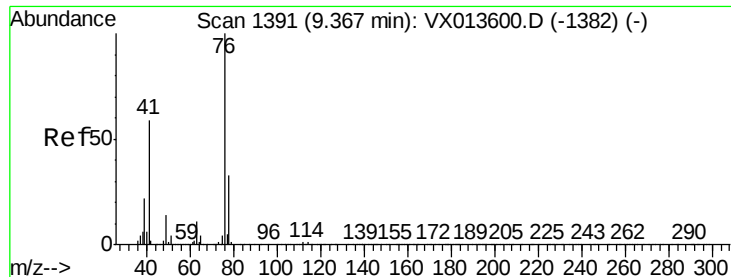
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#56
 Ethyl methacrylate
 Concen: 50.802 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		607985		
41	68.1	55.0	82.4		
39	36.2	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 48.080 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 616896

Ion Ratio Lower Upper

76 100

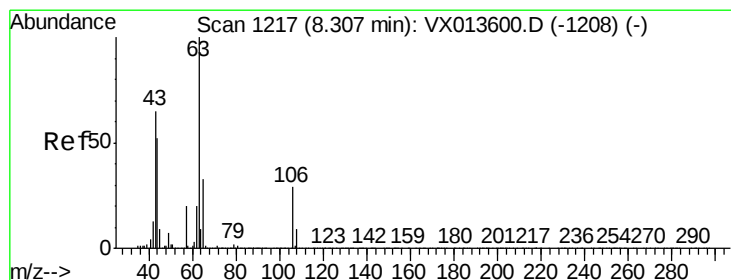
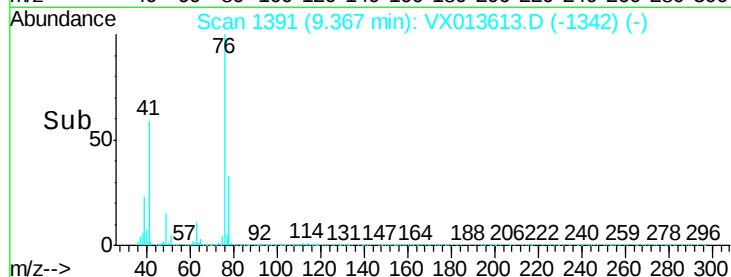
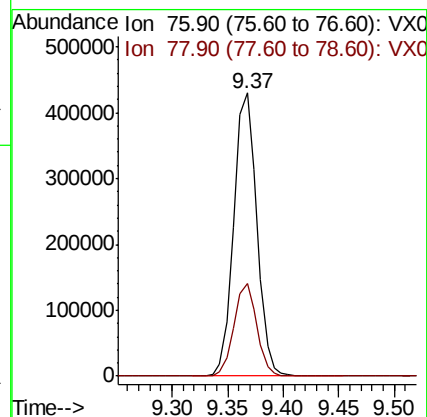
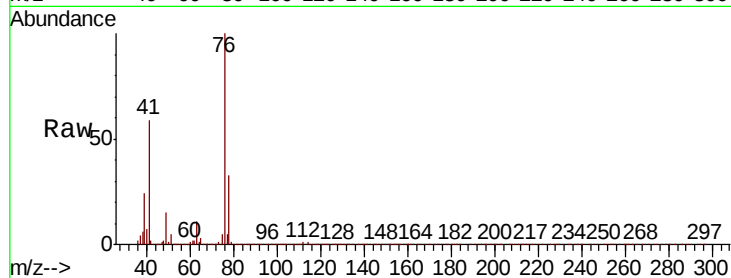
78 32.3 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 245.777 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013613.D

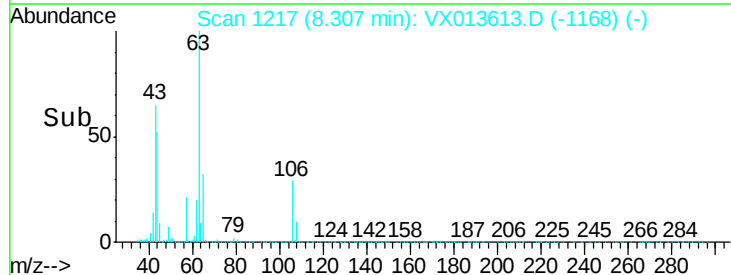
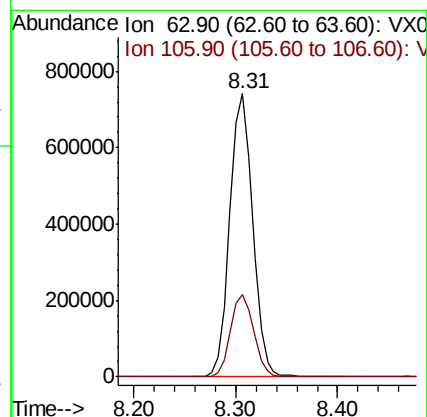
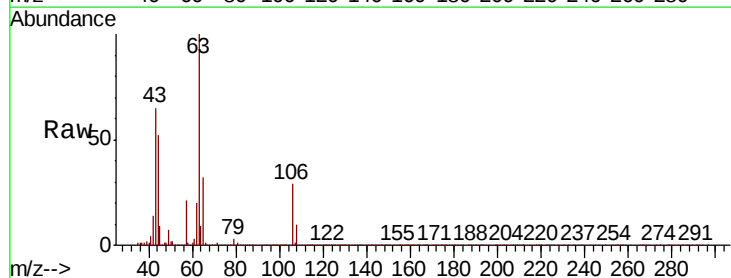
Acq: 26 Nov 2019 20:53

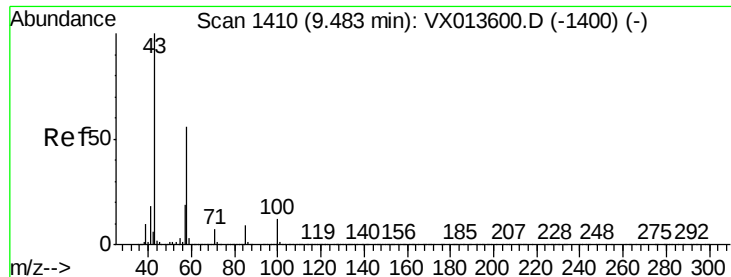
Tgt Ion: 63 Resp: 1153244

Ion Ratio Lower Upper

63 100

106 29.5 23.4 35.0





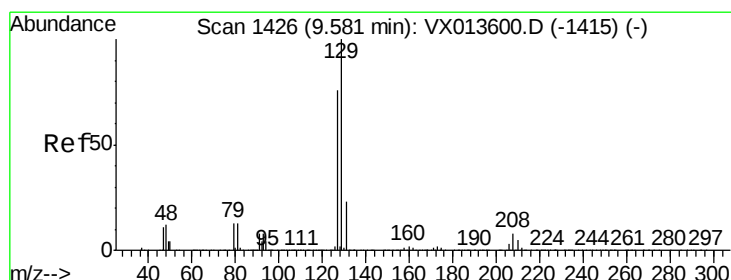
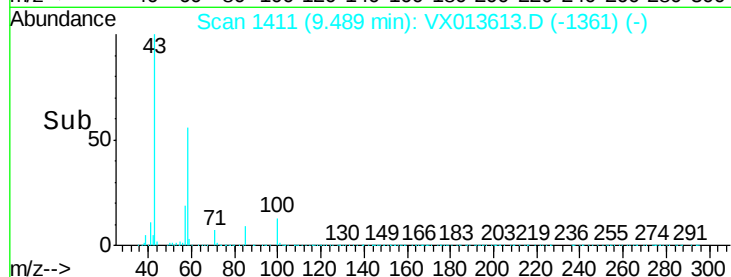
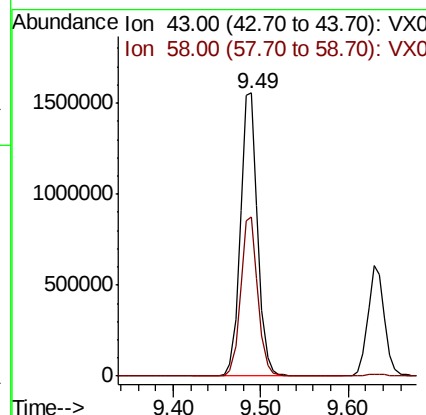
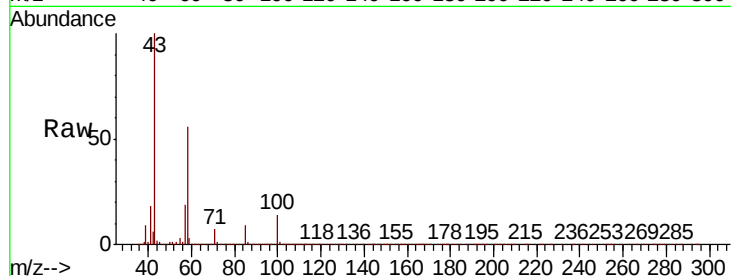
#59
2-Hexanone
Concen: 242.961 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2149167
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.4

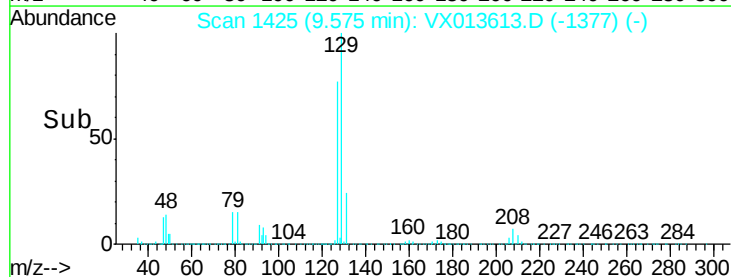
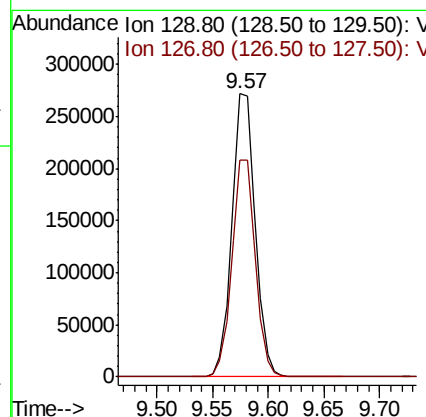
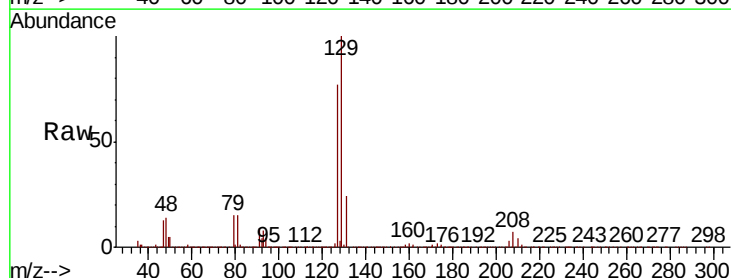
Manual Integrations
APPROVED

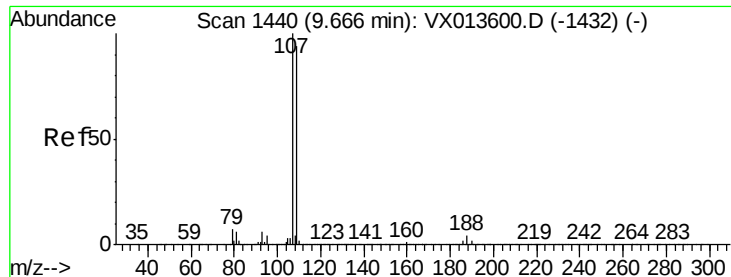
apatel
11/27/2019 3:44:51 PM



#60
Dibromochloromethane
Concen: 50.914 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion: 129 Resp: 393319
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.200 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 383205

Ion Ratio Lower Upper

107 100

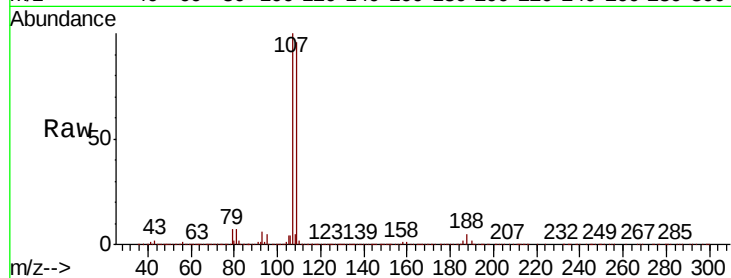
109 95.8 76.1 114.1

Manual Integrations

APPROVED

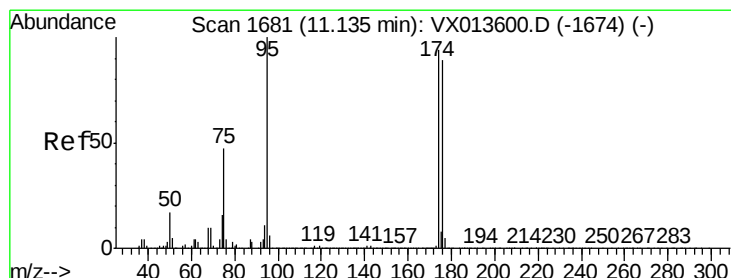
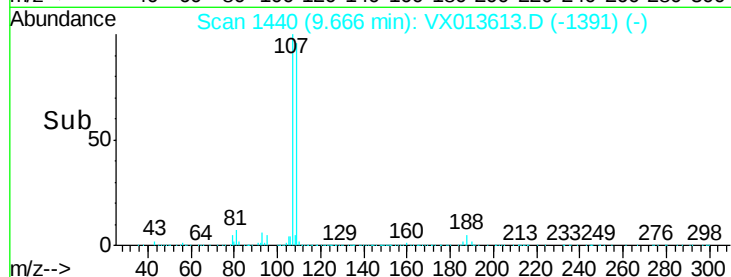
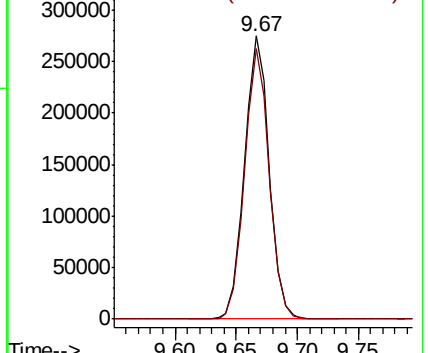
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.495 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

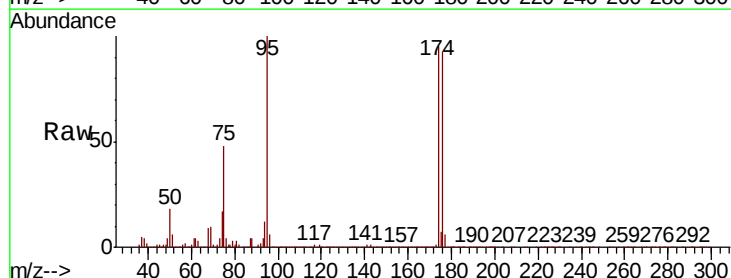
Tgt Ion: 95 Resp: 453000

Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.0

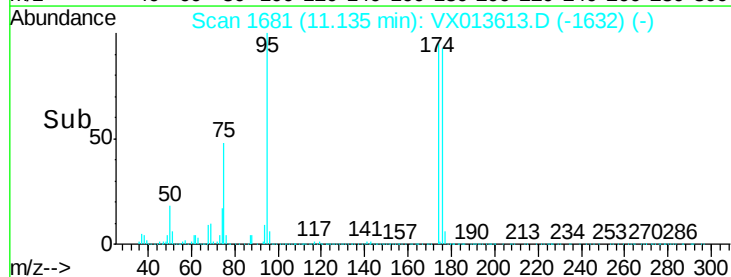
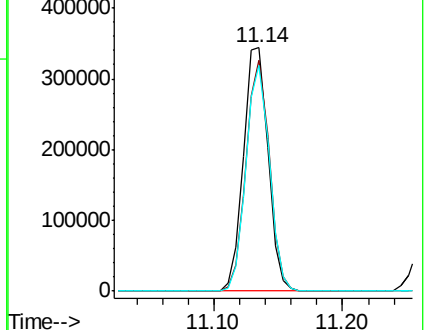
176 88.4 0.0 173.6

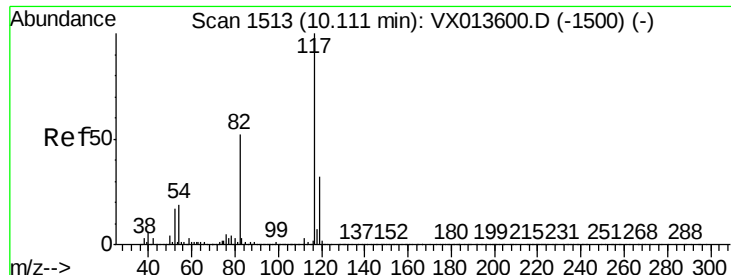


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





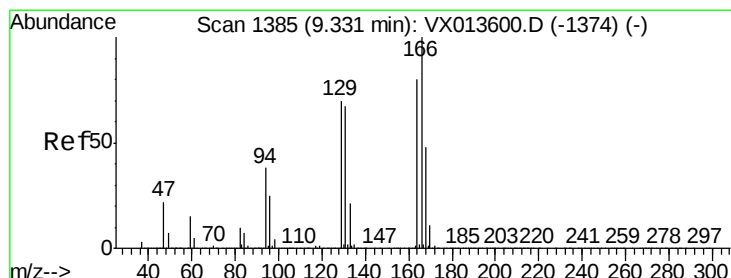
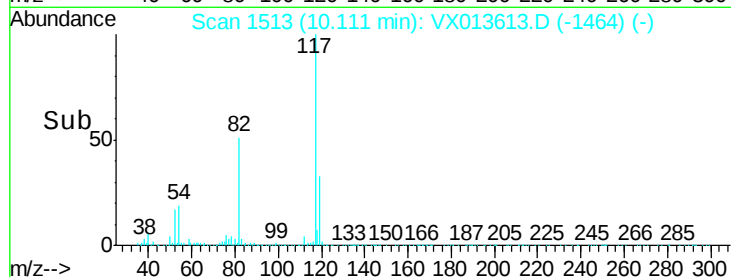
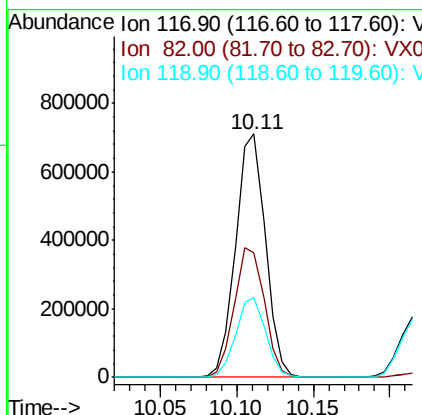
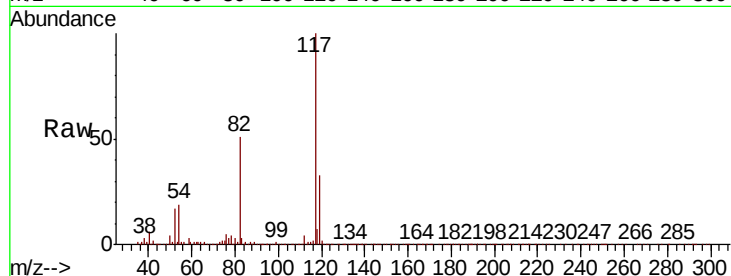
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.8	62.8
119	32.8	25.8	38.8

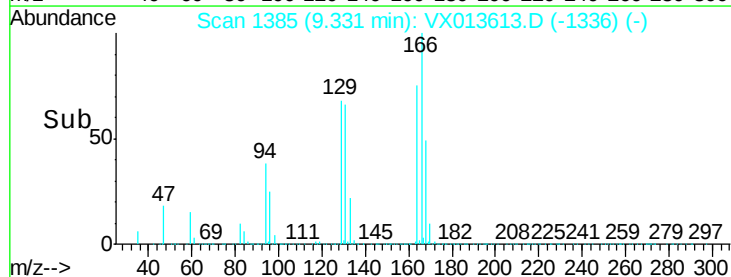
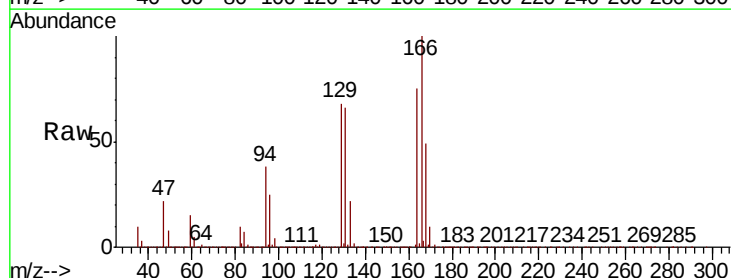
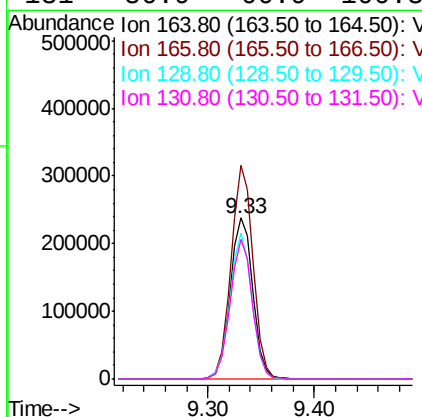
Manual Integrations
APPROVED

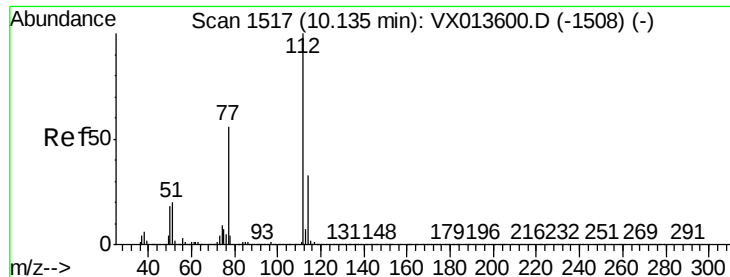
apatel
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#64
Tetrachloroethene
Concen: 49.515 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.6	99.7	149.5
129	90.7	70.1	105.1
131	86.9	66.9	100.3





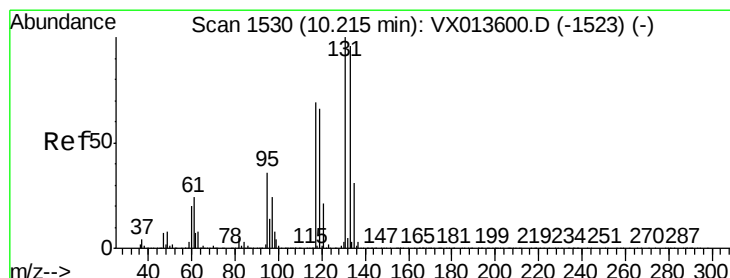
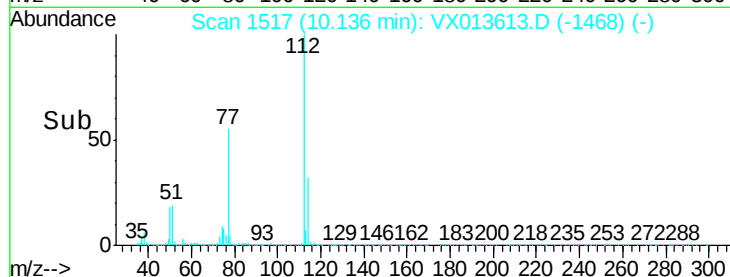
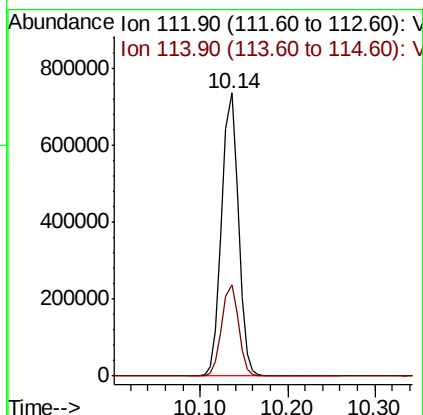
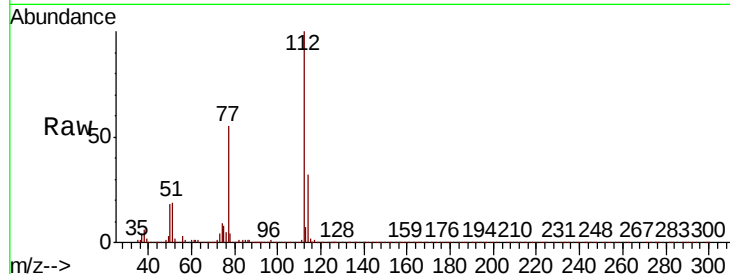
#65
Chlorobenzene
Concen: 48.846 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.1	39.1

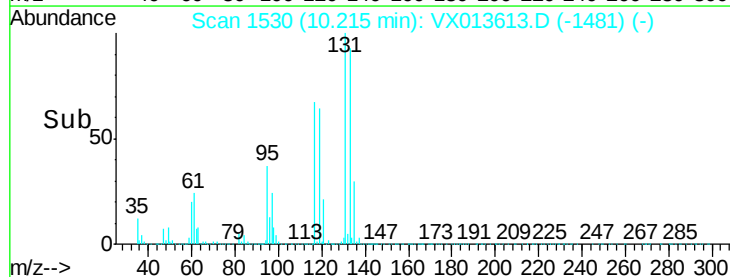
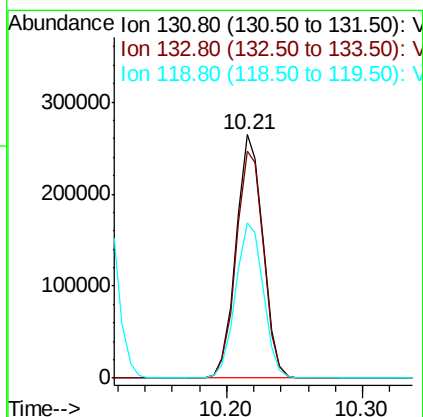
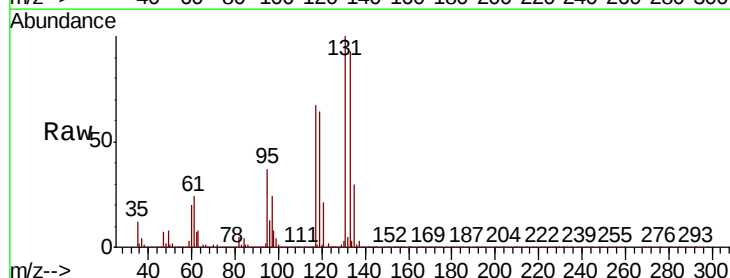
Manual Integrations
APPROVED

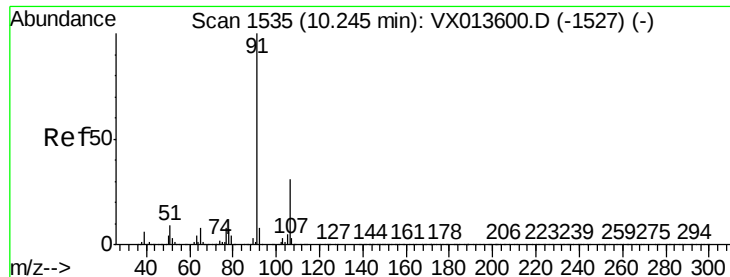
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.572 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.7	143.1
119	65.5	32.9	98.6





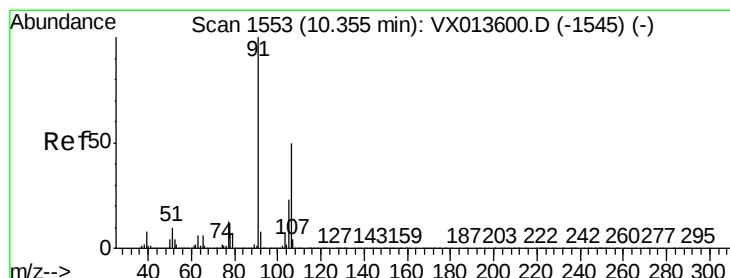
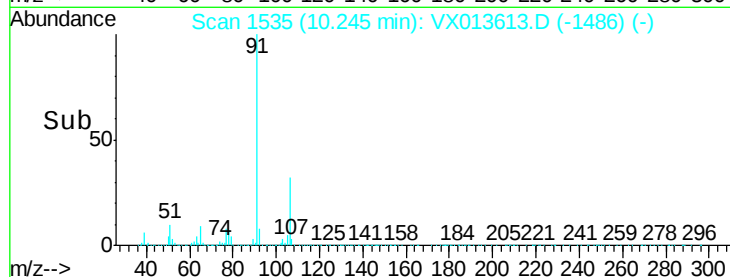
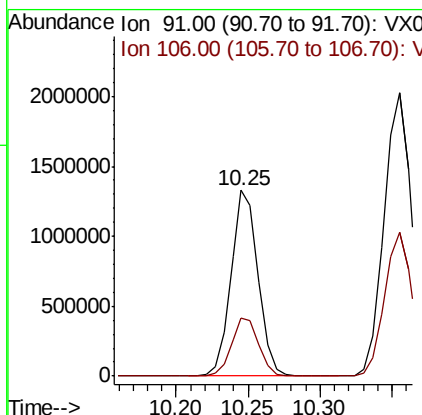
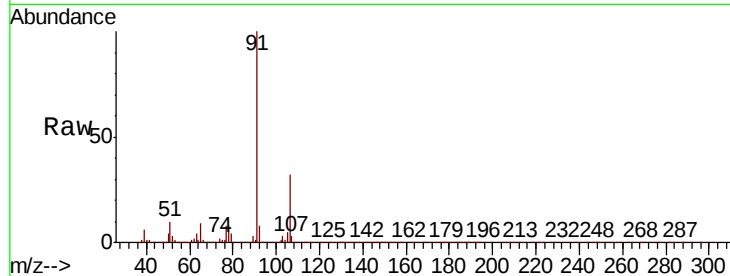
#67
Ethyl Benzene
Concen: 50.857 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1743657
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7

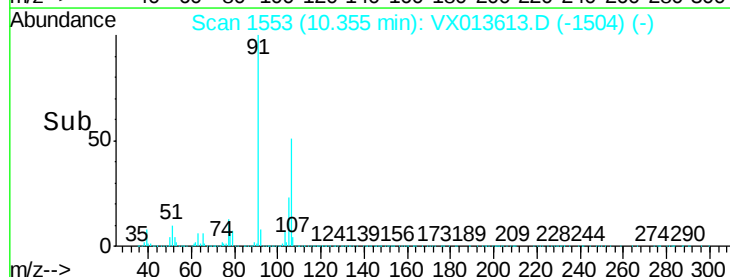
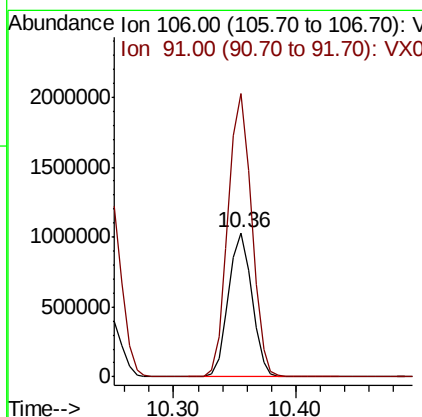
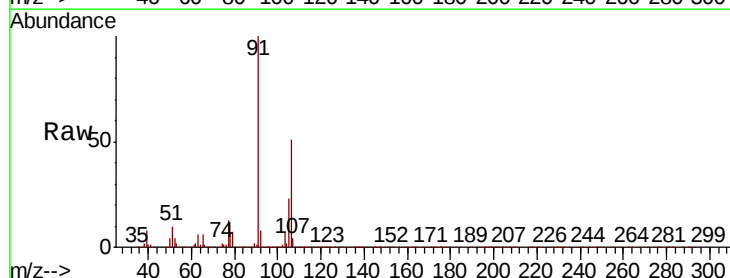
Manual Integrations
APPROVED

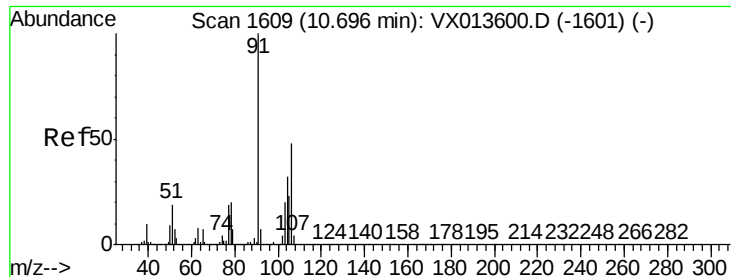
apatel
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#68
m/p-Xylenes
Concen: 104.227 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion: 106 Resp: 1368114
Ion Ratio Lower Upper
106 100
91 198.3 159.0 238.4





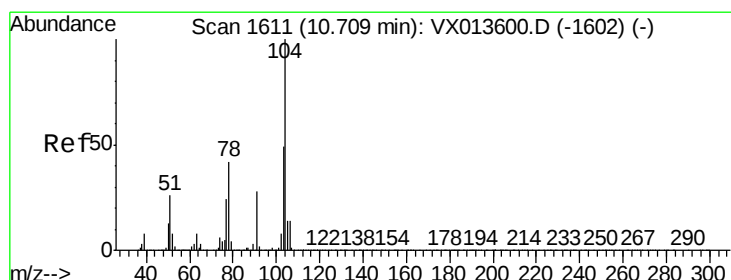
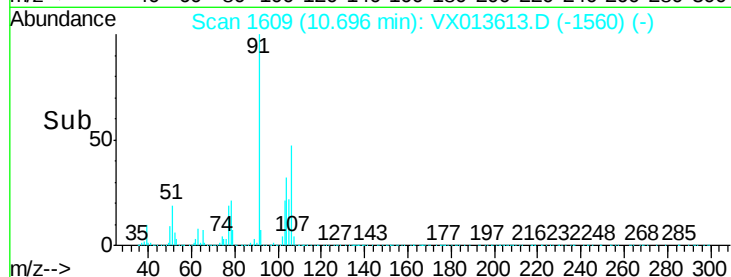
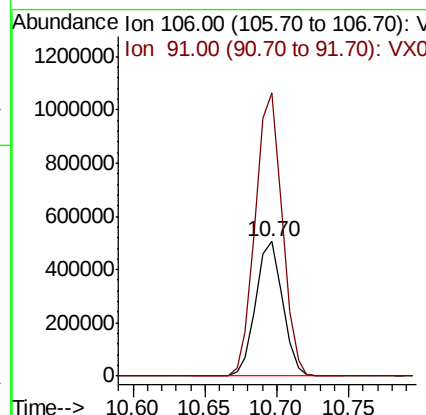
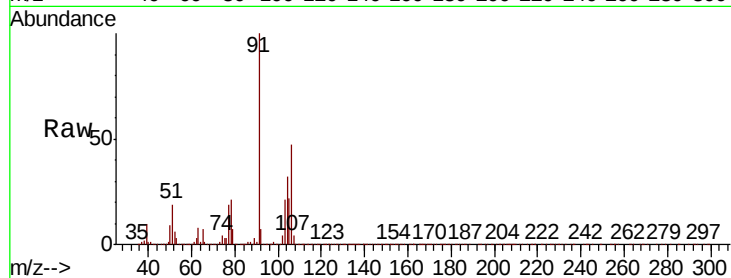
#69
o-Xylene
Concen: 50.713 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.3	104.1	312.2

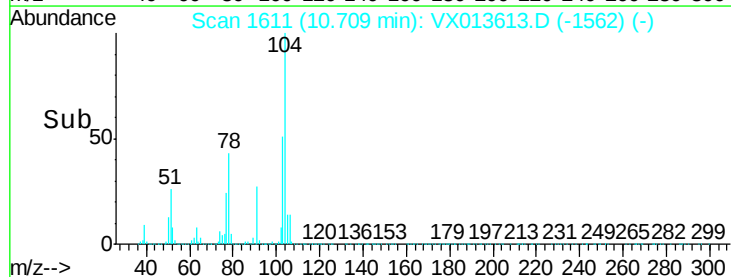
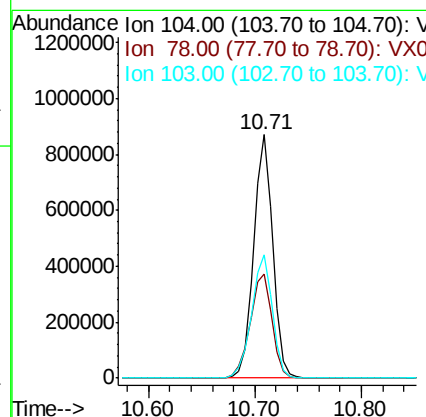
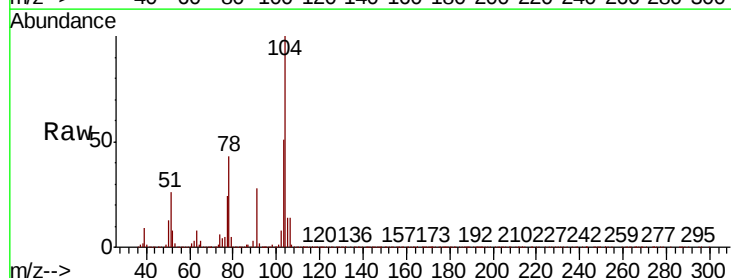
Manual Integrations
APPROVED

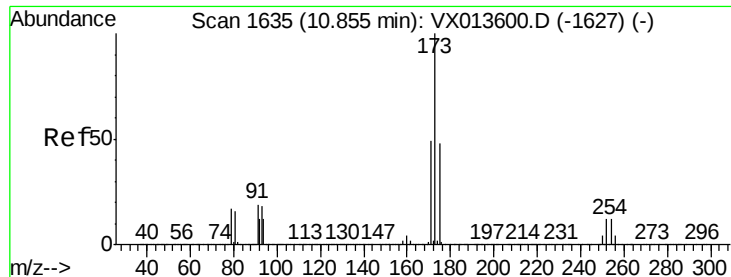
apatel
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#70
Styrene
Concen: 50.854 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.0	38.5	57.7
103	55.2	43.7	65.5





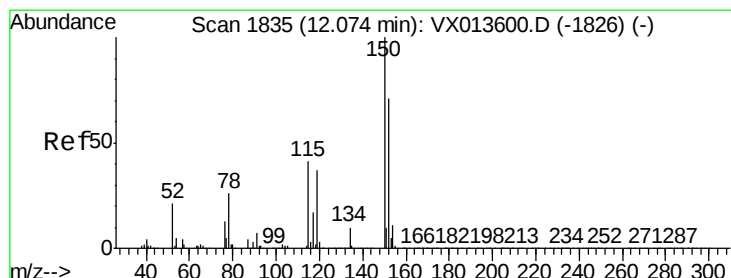
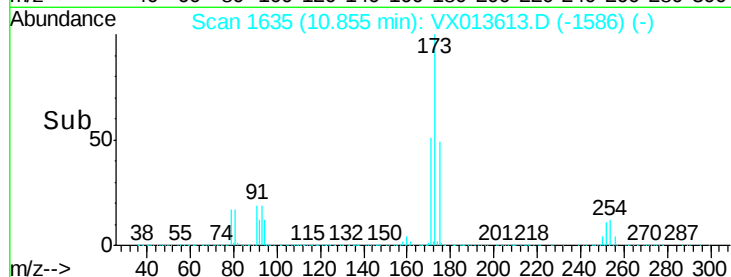
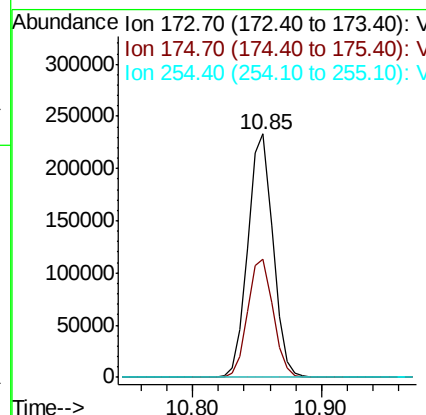
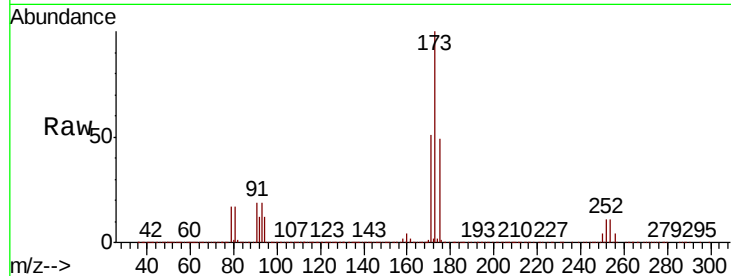
#71
Bromoform
Concen: 52.608 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.3	72.8
254	0.2	0.2	0.4

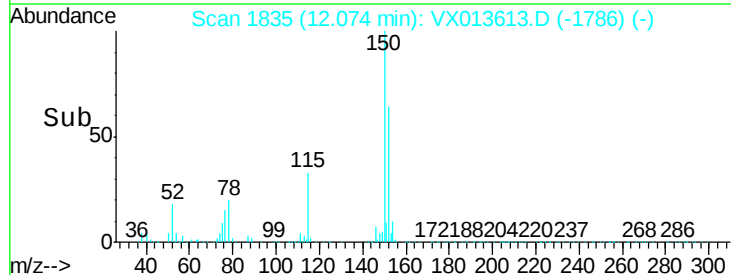
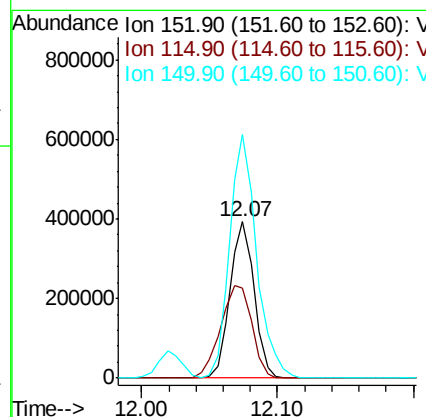
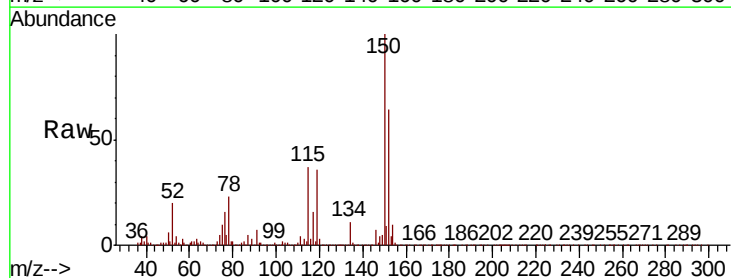
Manual Integrations
APPROVED

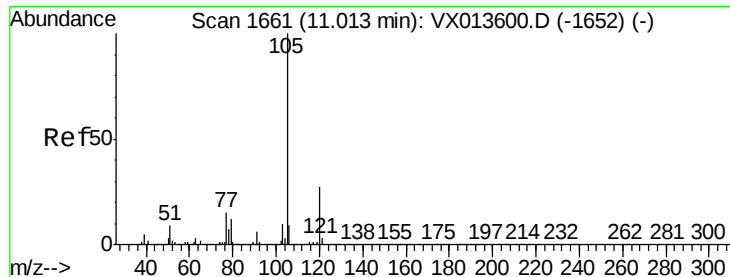
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.8	38.4	115.1
150	173.9	0.0	346.8





#73

Isopropylbenzene

Concen: 50.188 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1695661

Ion Ratio Lower Upper

105 100

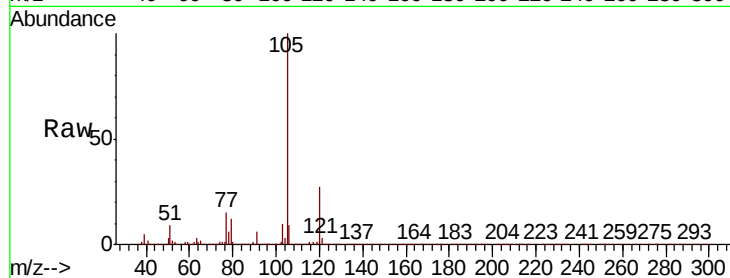
120 26.8 13.5 40.5

Manual Integrations

APPROVED

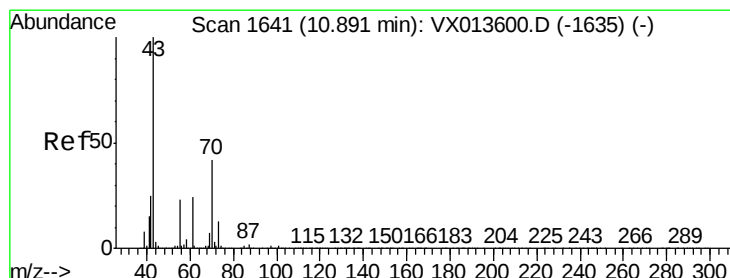
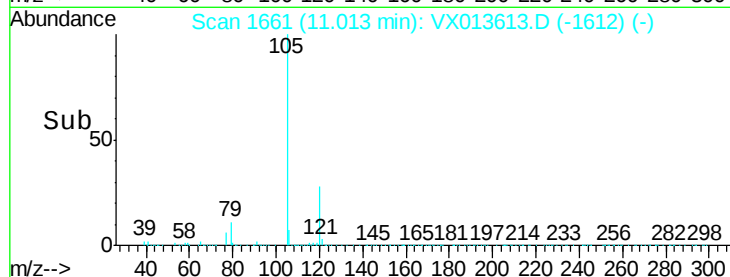
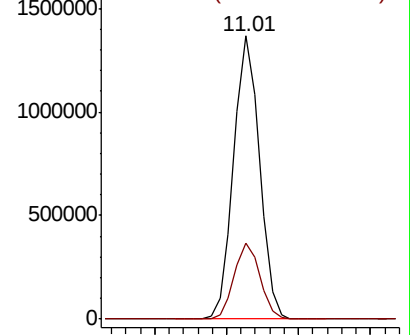
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.374 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Tgt Ion: 43 Resp: 795108

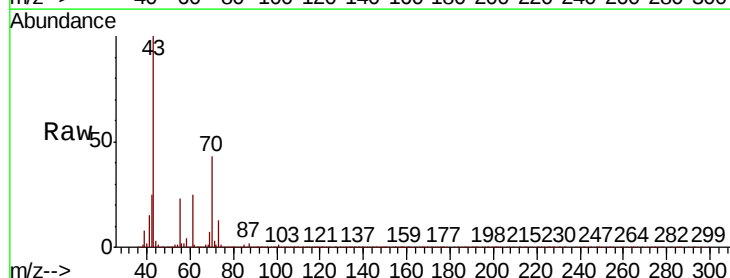
Ion Ratio Lower Upper

43 100

70 43.5 34.3 51.5

55 23.6 18.5 27.7

61 25.3 19.8 29.8

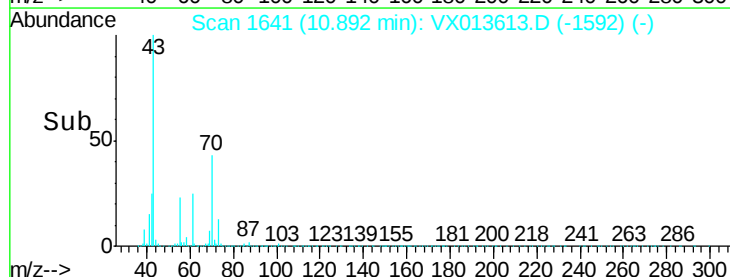
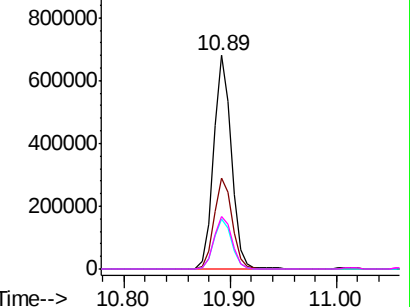


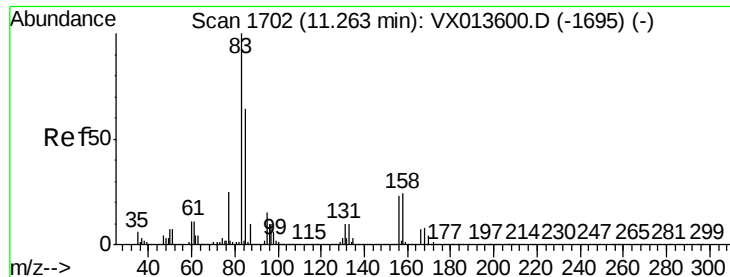
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.217 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 576665

Ion Ratio Lower Upper

83 100

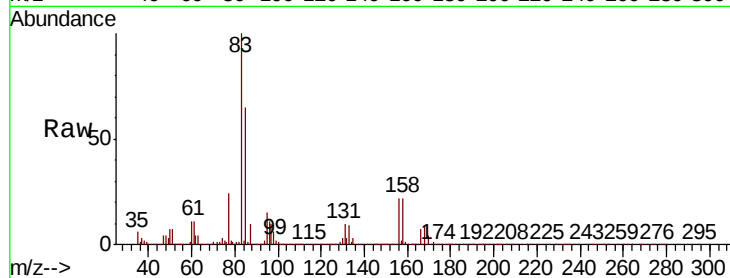
131 10.4 5.1 15.3

85 64.9 31.8 95.3

Manual Integrations
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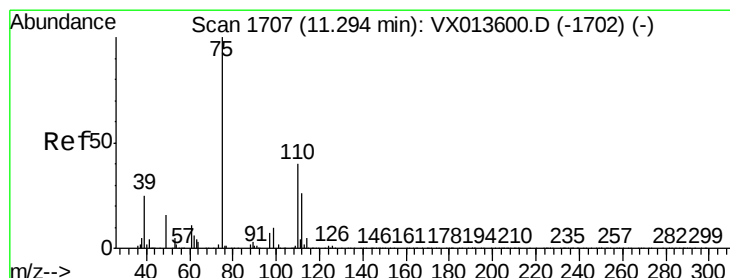
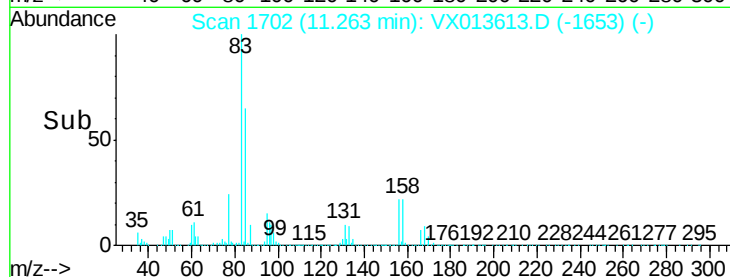
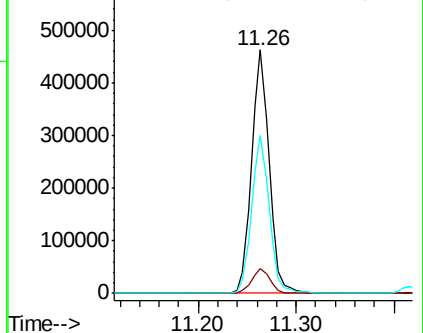
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 43.040 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013613.D

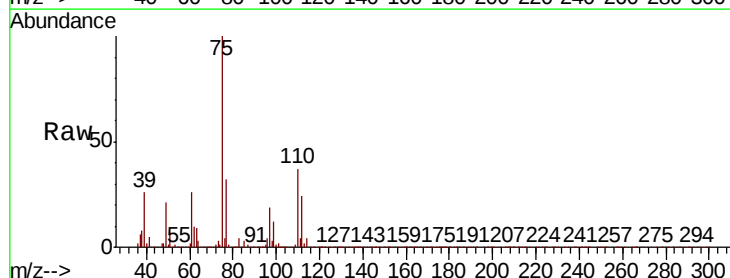
Acq: 26 Nov 2019 20:53

Tgt Ion: 75 Resp: 466265

Ion Ratio Lower Upper

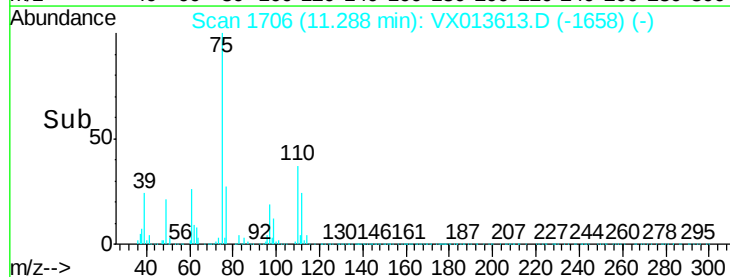
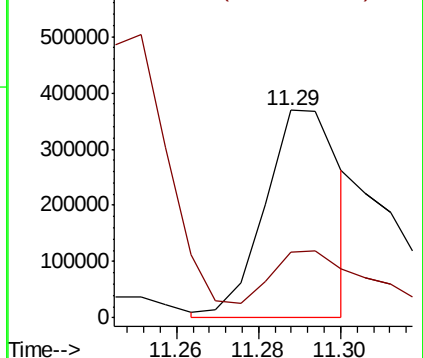
75 100

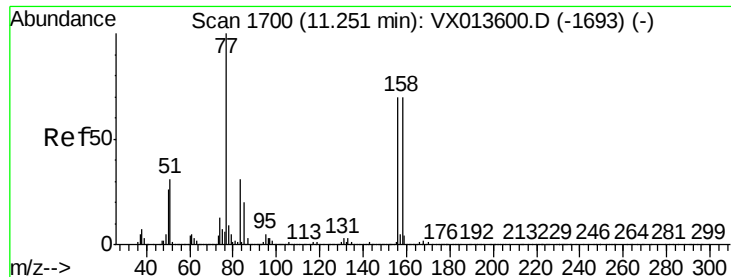
77 44.4 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





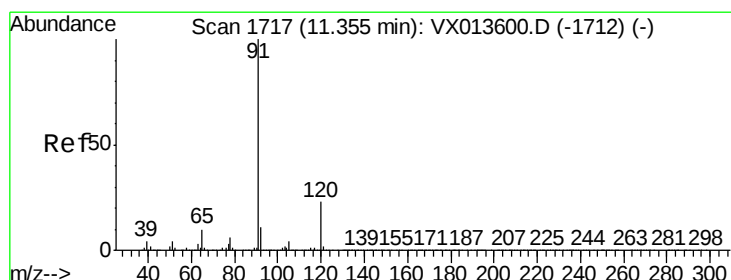
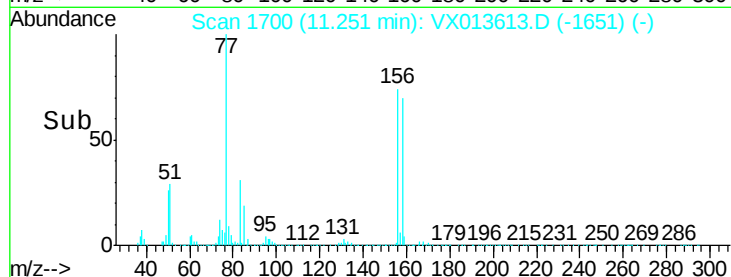
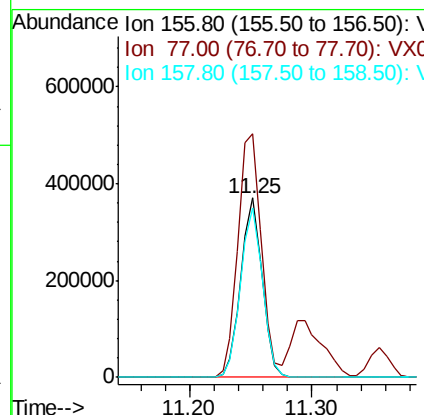
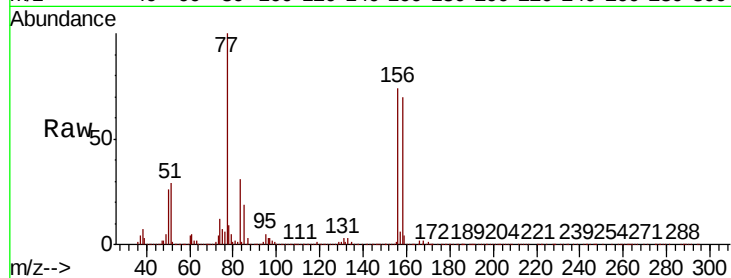
#77
Bromobenzene
Concen: 48.799 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.1	74.4	223.1
158	96.8	48.9	146.6

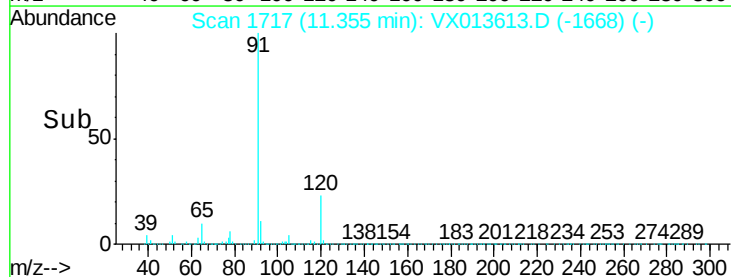
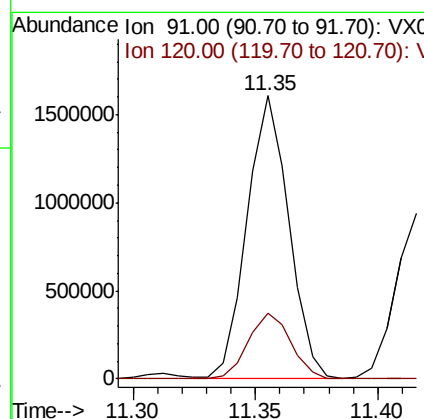
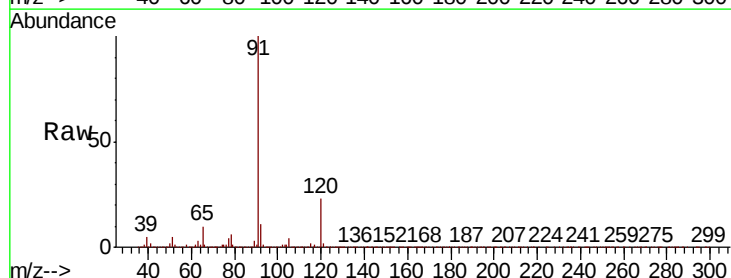
Manual Integrations
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#78
n-propylbenzene
Concen: 50.285 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.8	35.3





#79

2-Chlorotoluene

Concen: 49.703 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1124502

Ion Ratio Lower Upper

91 100

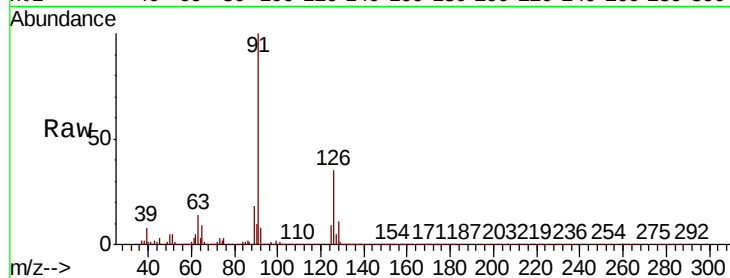
126 35.0 17.5 52.5

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Abundance Ion 91.00 (90.70 to 91.70): VX013613.D (-1678) (-)

Ion 125.90 (125.60 to 126.60): VX013613.D (-1678) (-)

1500000

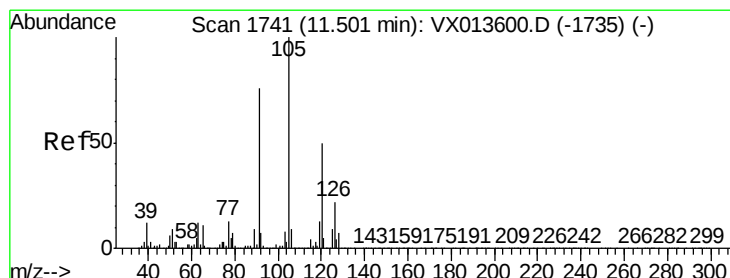
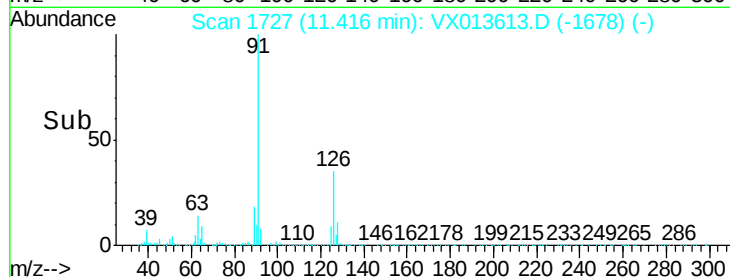
1000000

500000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.670 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013613.D

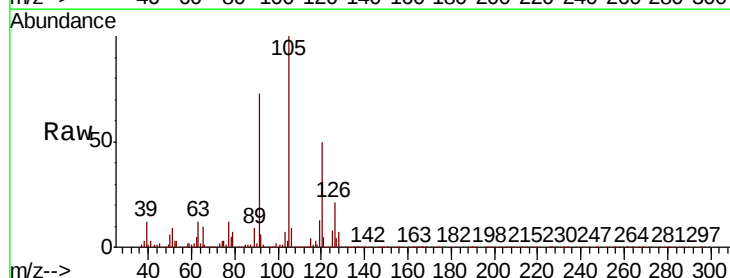
Acq: 26 Nov 2019 20:53

Tgt Ion: 105 Resp: 1430787

Ion Ratio Lower Upper

105 100

120 49.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013613.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX013613.D (-1692) (-)

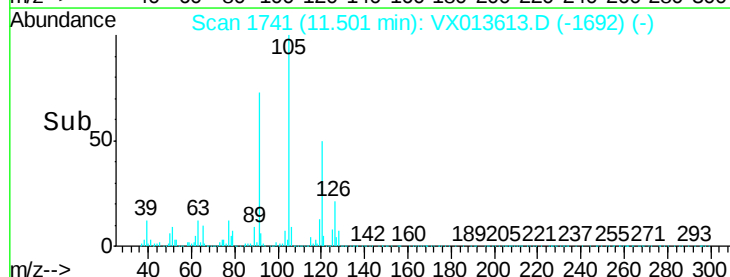
1000000

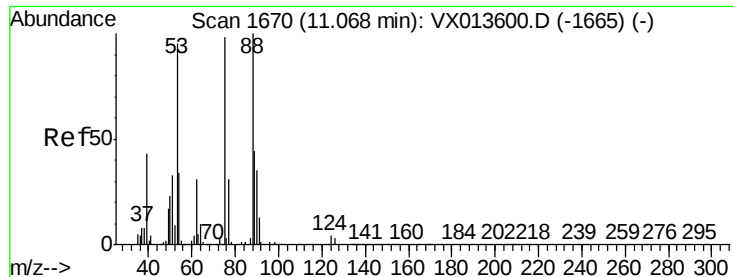
500000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 50.117 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

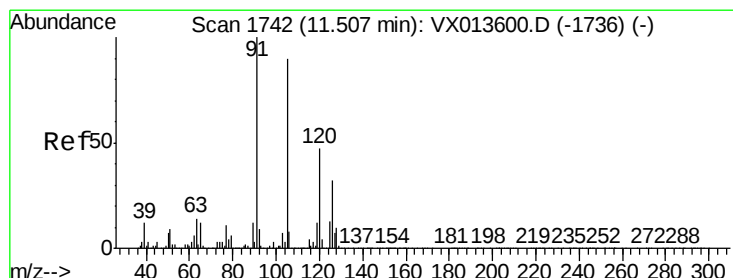
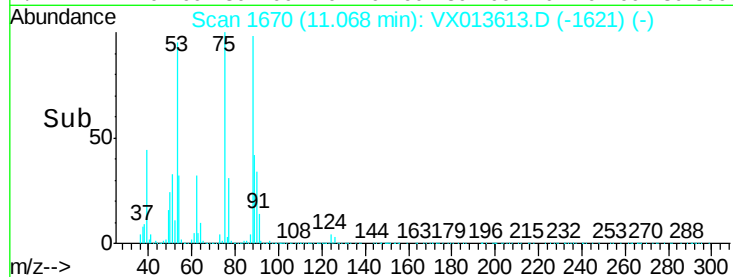
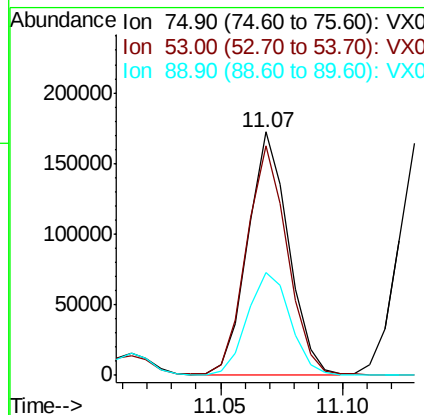
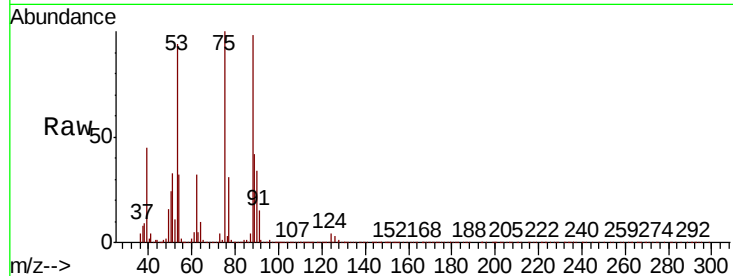
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	198452
Ion Ratio	Lower	Upper	
75	100		
53	94.7	78.2	117.2
89	45.2	35.4	53.2

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#82

4-Chlorotoluene

Concen: 49.361 ug/l

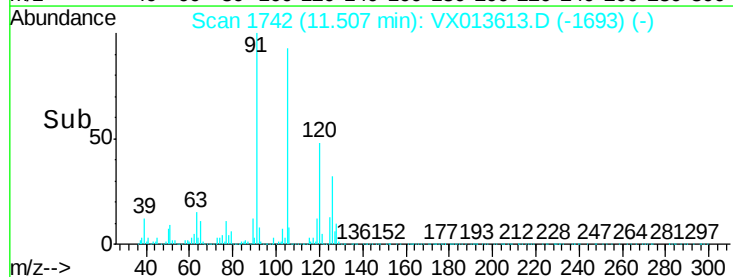
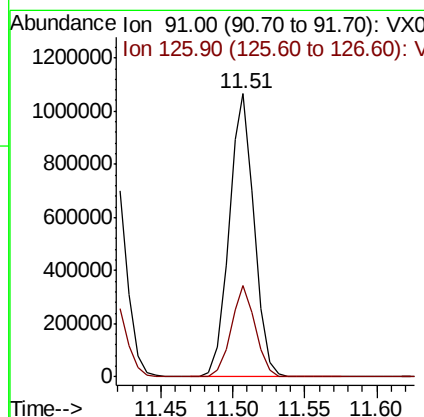
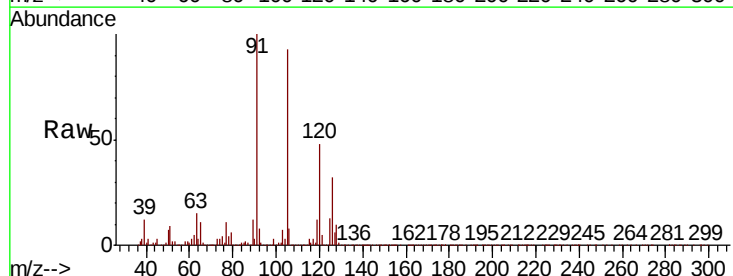
RT: 11.51 min Scan# 1742

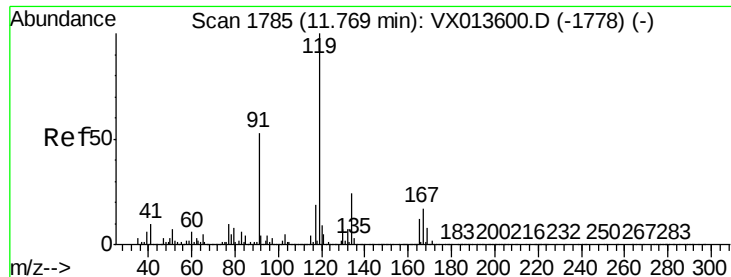
Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Tgt Ion:	91	Resp:	1293462
Ion Ratio	Lower	Upper	
91	100		
126	31.2	15.7	47.0





#83

tert-Butylbenzene

Concen: 50.740 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

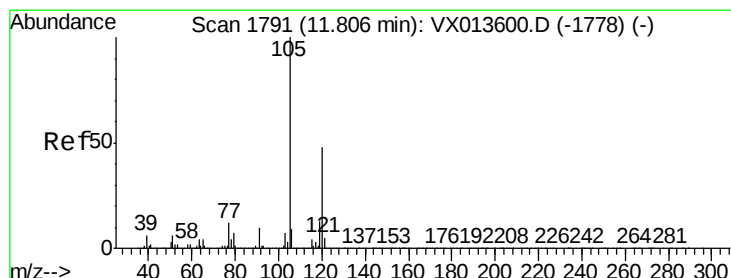
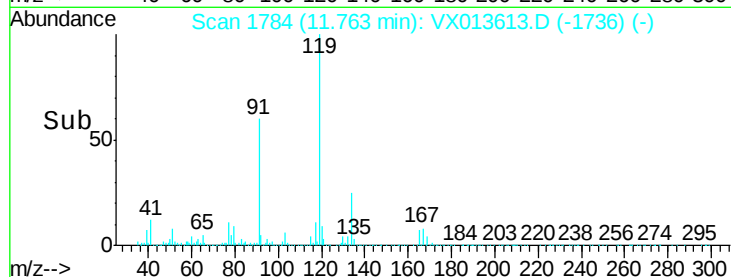
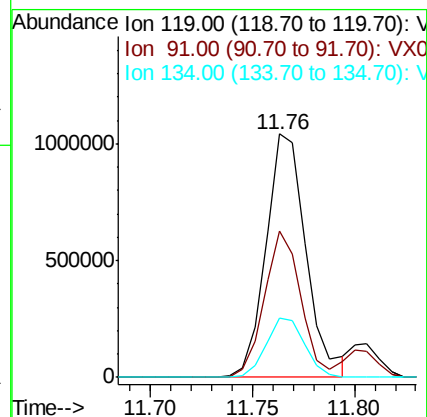
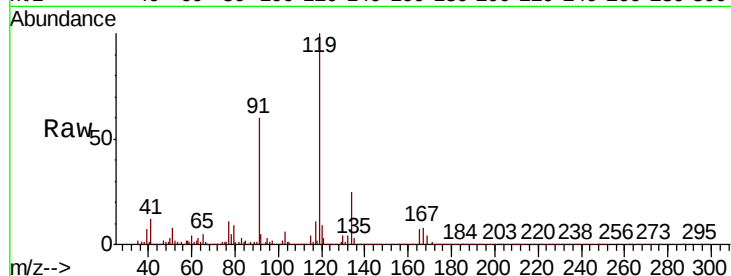
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	1427911
Ion Ratio	Lower	Upper	
119	100		
91	54.3	27.2	81.6
134	23.5	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 52.389 ug/l

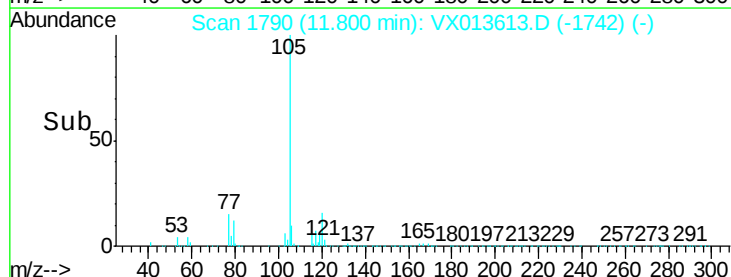
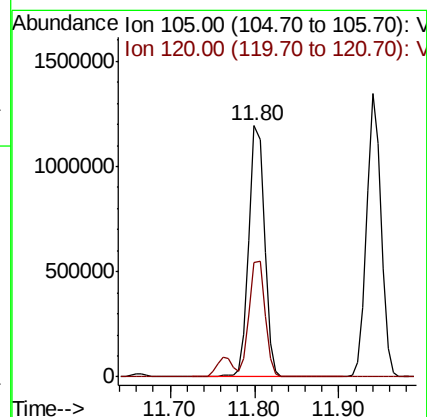
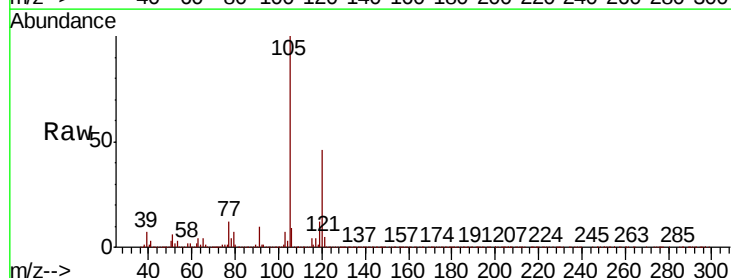
RT: 11.80 min Scan# 1790

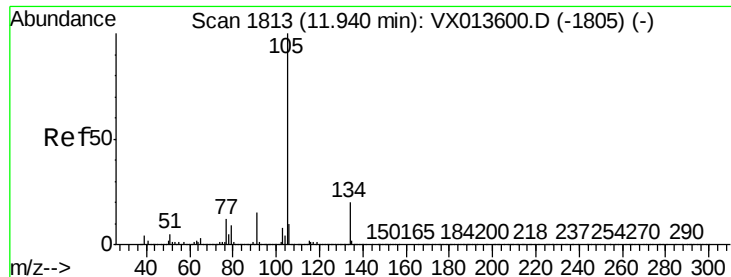
Delta R.T. -0.01 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Tgt Ion:	105	Resp:	1472292
Ion Ratio	Lower	Upper	
105	100		
120	46.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 50.311 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1617190

Ion Ratio Lower Upper

105 100

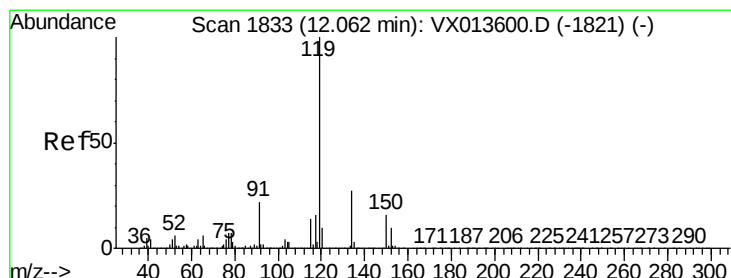
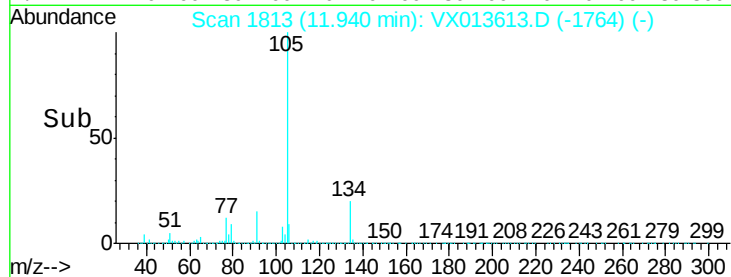
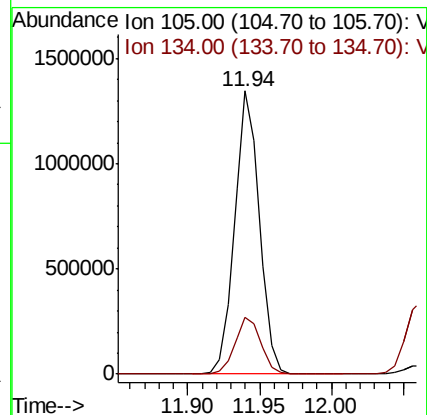
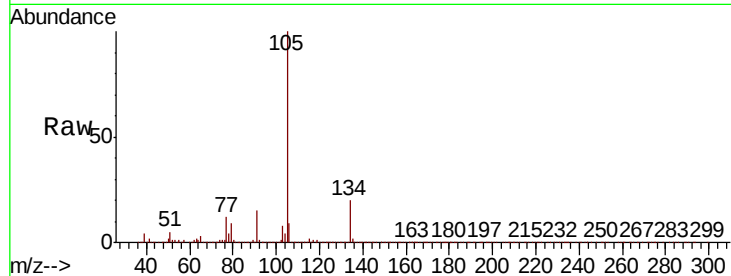
134 20.8 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 50.737 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

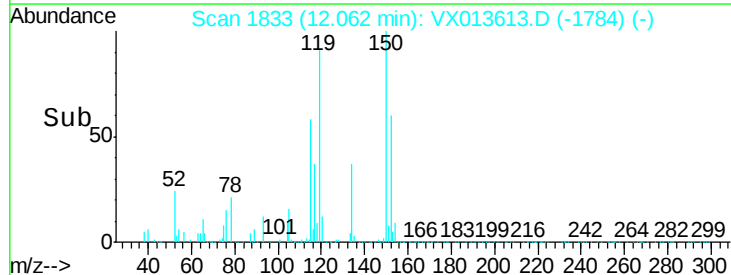
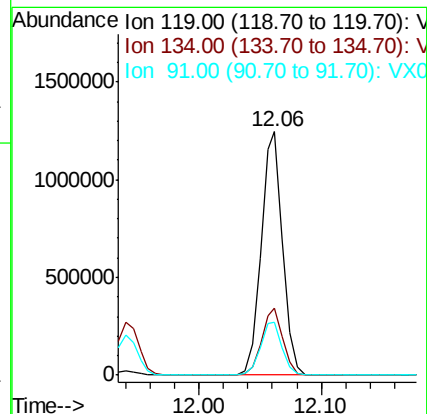
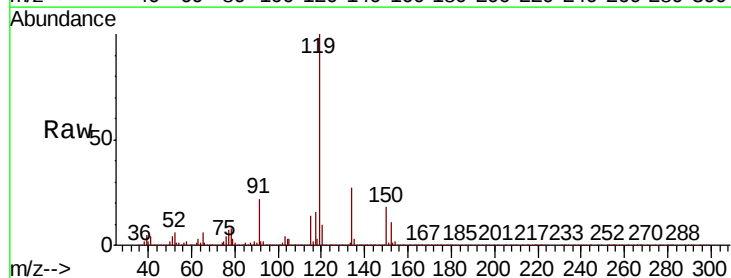
Tgt Ion:119 Resp: 1517218

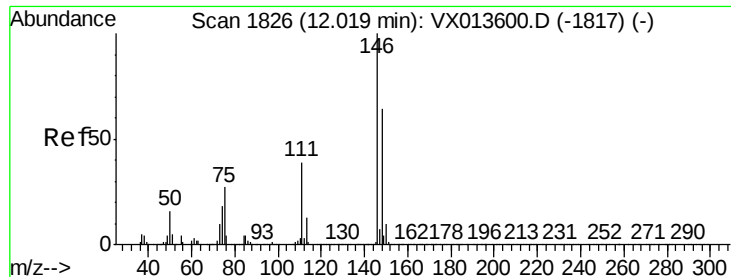
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

91 22.1 11.3 33.8





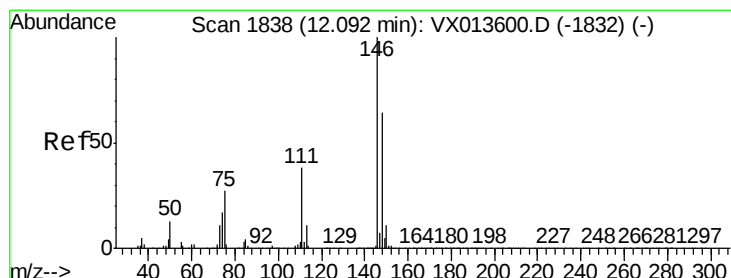
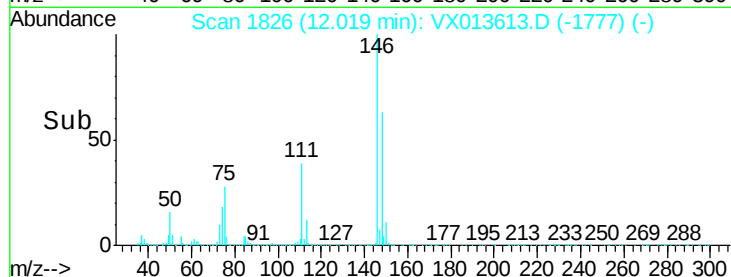
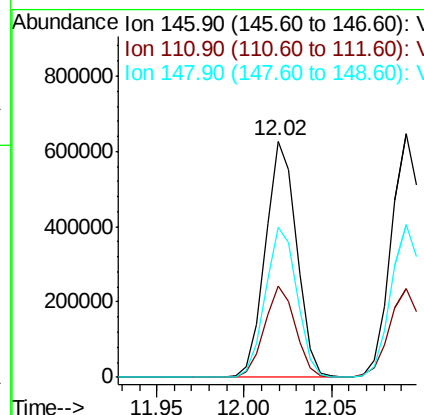
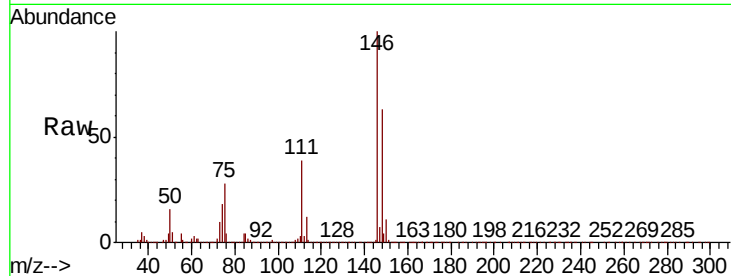
#87
 1,3-Dichlorobenzene
 Concen: 48.931 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	64.4	31.8	95.4

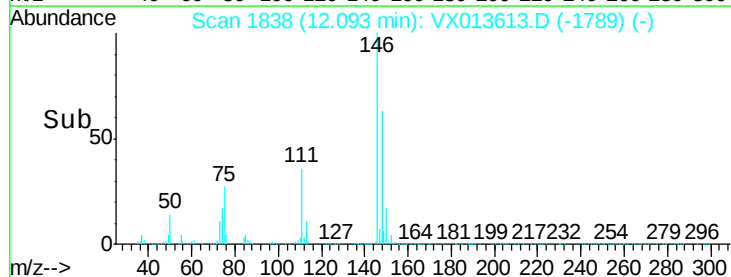
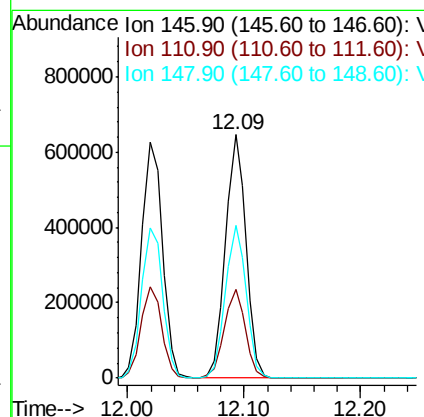
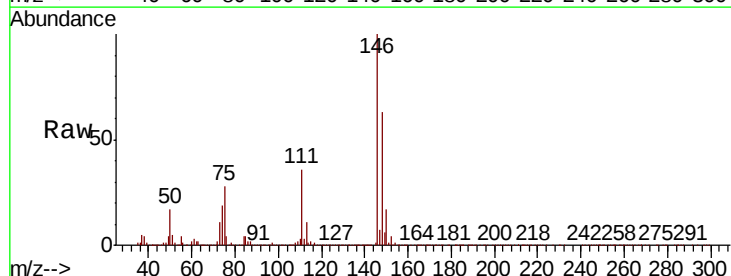
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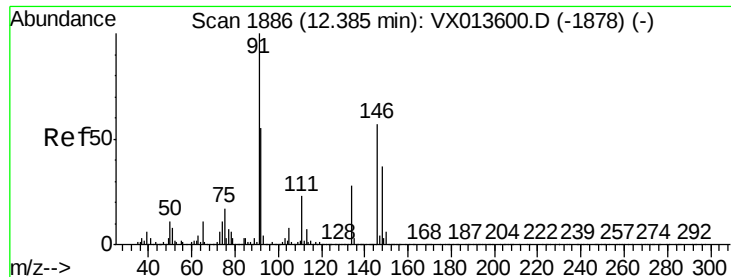
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#88
 1,4-Dichlorobenzene
 Concen: 48.293 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.9
148	63.6	31.9	95.5





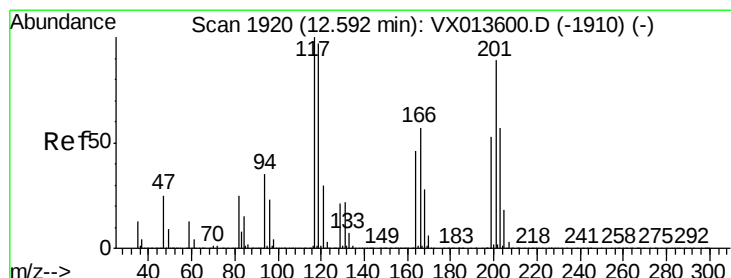
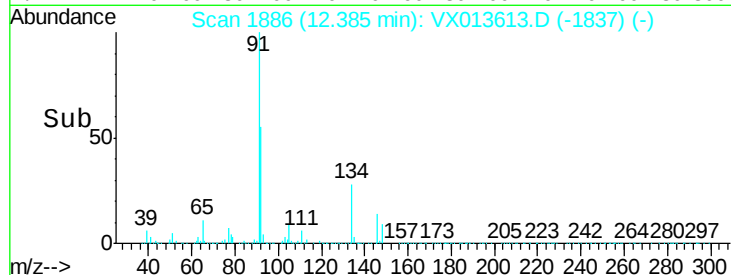
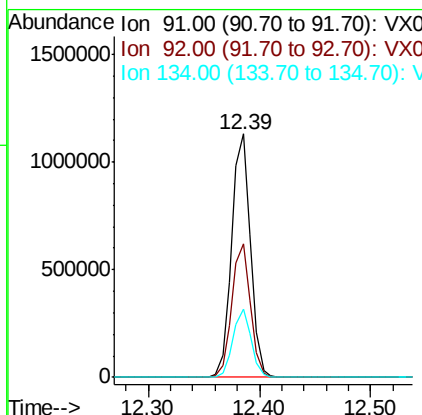
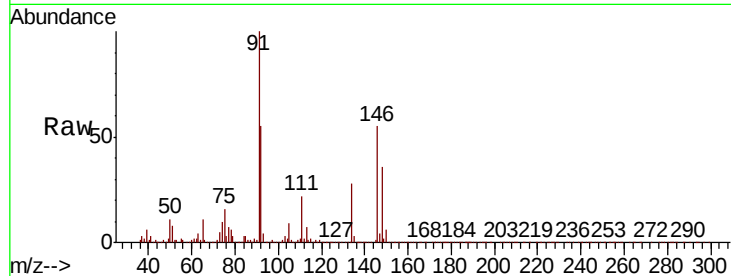
#89
n-Butylbenzene
Concen: 51.426 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.4	82.2
134	27.5	13.5	40.4

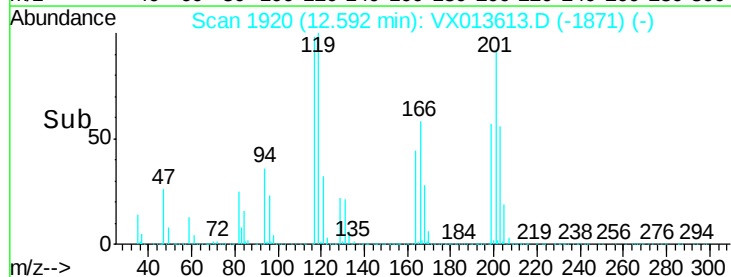
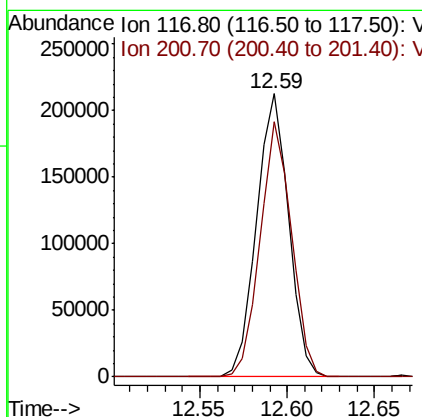
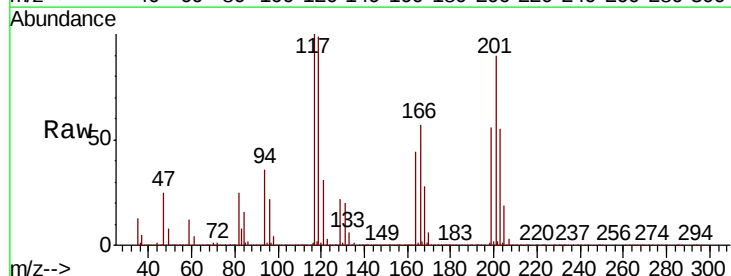
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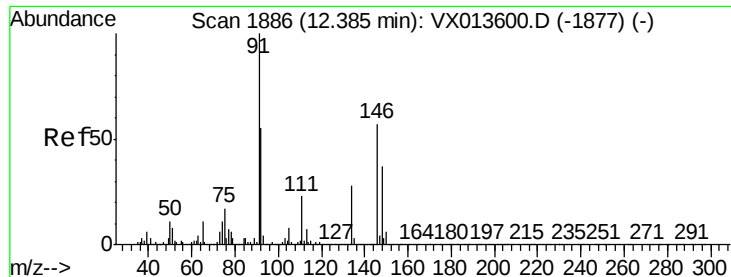
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#90
Hexachloroethane
Concen: 50.035 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.7	44.1	132.4





#91

1,2-Dichlorobenzene

Concen: 49.676 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

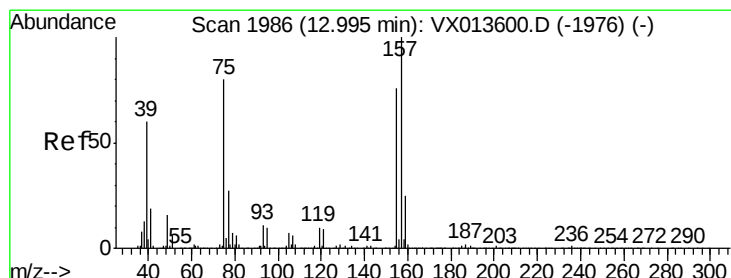
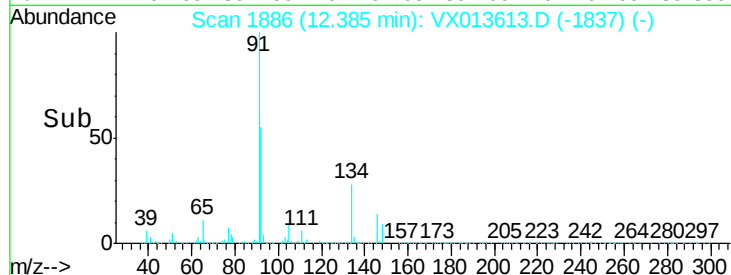
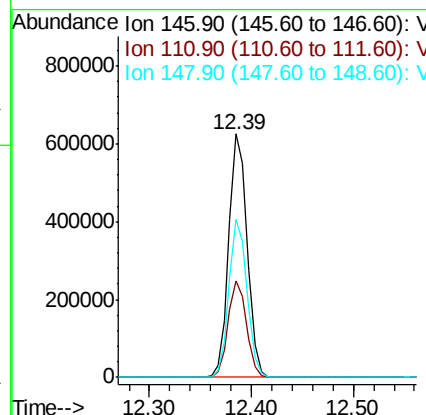
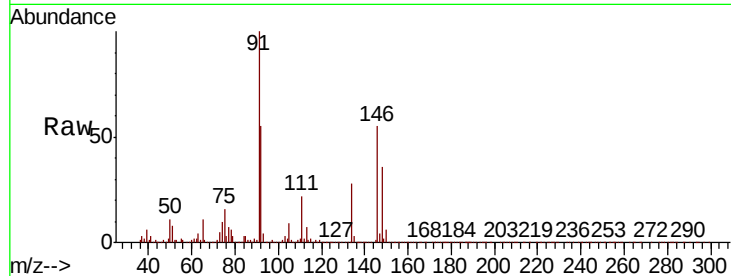
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	780921
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.6	58.7
148	64.0	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.546 ug/l

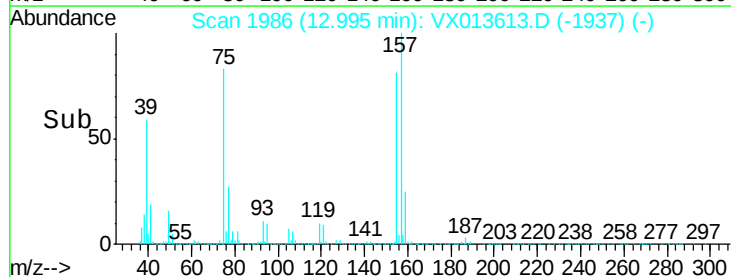
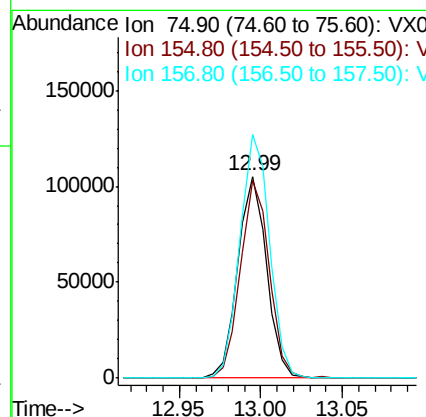
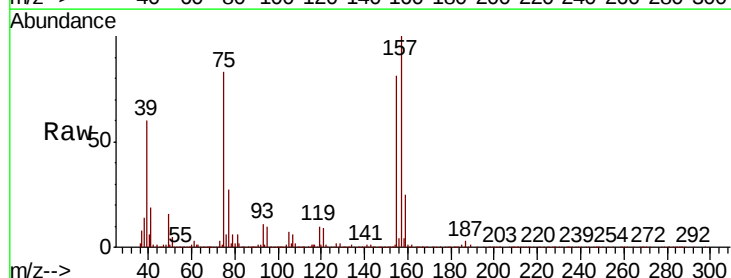
RT: 12.99 min Scan# 1886

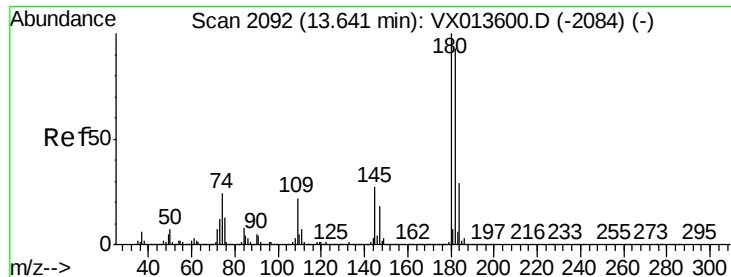
Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Tgt Ion:	75	Resp:	128969
Ion Ratio	Lower	Upper	
75	100		
155	98.3	47.6	142.8
157	125.2	62.1	186.2





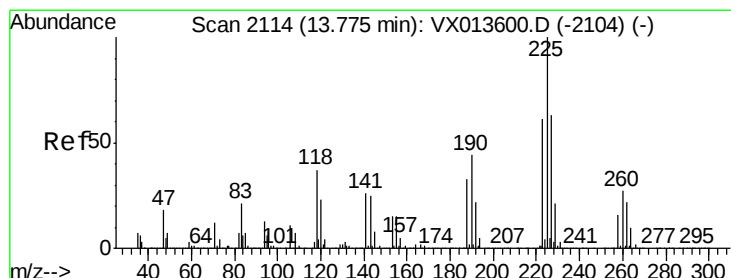
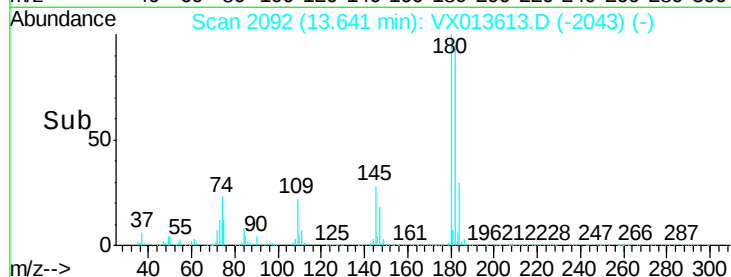
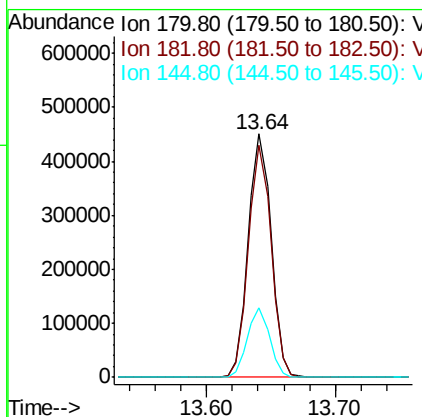
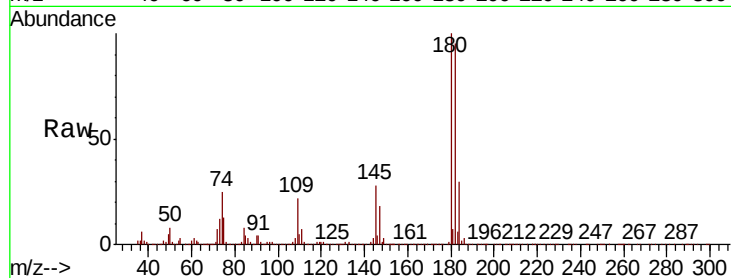
#93
 1,2,4-Trichlorobenzene
 Concen: 50.301 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.2	141.6
145	27.8	13.8	41.4

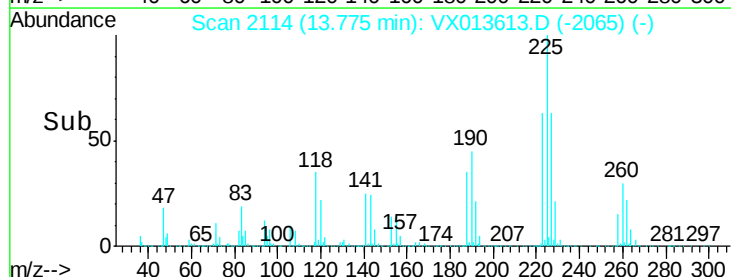
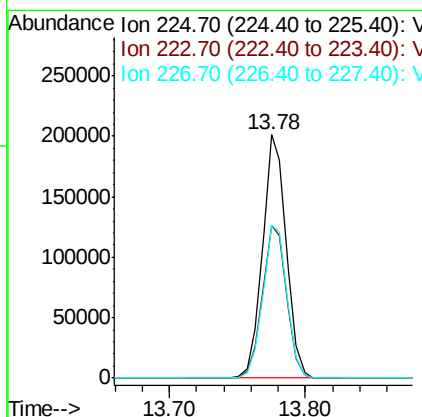
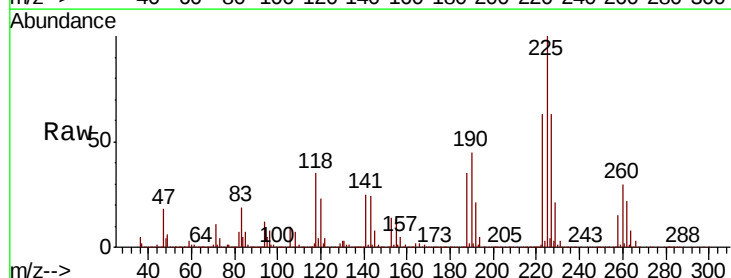
Manual Integrations
 APPROVED

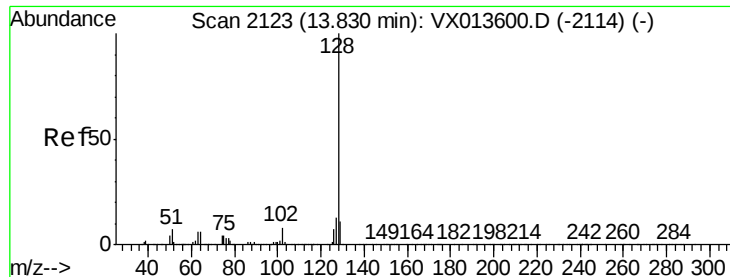
apatel
 11/27/2019 3:44:51 PM



#94
 Hexachlorobutadiene
 Concen: 46.810 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.9	95.5
227	64.0	32.1	96.3





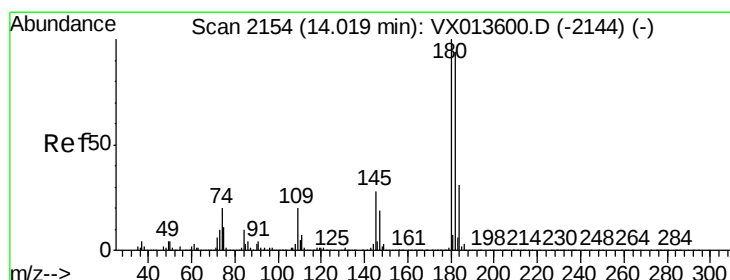
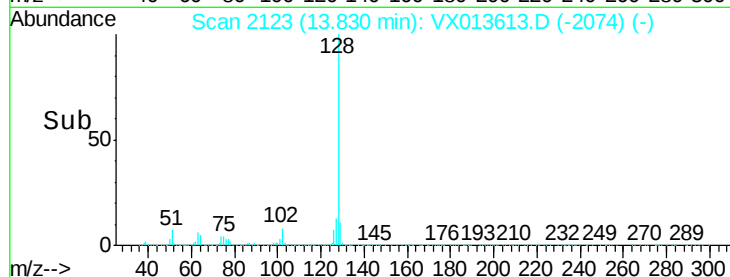
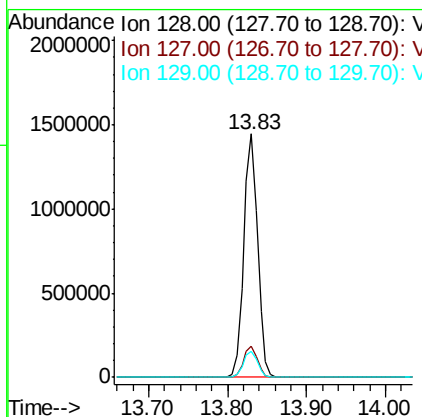
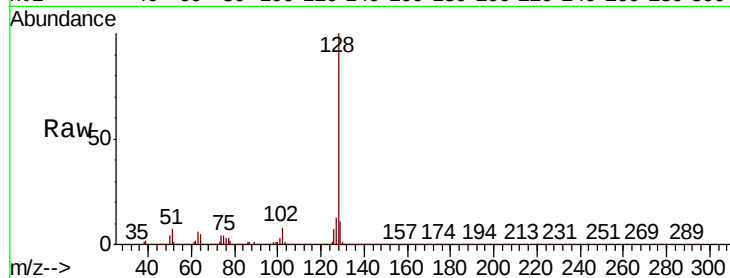
#95
Naphthalene
Concen: 53.737 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
11/27/2019 3:44:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.398 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.6	142.8
145	30.2	15.0	45.0

