

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112619\
 Data File : VX013639.D
 Acq On : 27 Nov 2019 07:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 11/27/2019 4:29:14 PM

Quant Time: Nov 27 08:14:56 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	669338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1045842	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	944875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	465636	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	374997	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
35) Dibromofluoromethane	5.49	113	311409	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	8.71	98	1182564	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
62) 4-Bromofluorobenzene	11.14	95	424183	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	382583	51.353	ug/l	99
3) Chloromethane	1.32	50	421635	50.438	ug/l	99
4) Vinyl Chloride	1.40	62	487015	51.761	ug/l	98
5) Bromomethane	1.63	94	291598	46.148	ug/l	98
6) Chloroethane	1.71	64	258477	48.277	ug/l	99
7) Trichlorofluoromethane	1.92	101	503858	48.227	ug/l	100
8) Diethyl Ether	2.18	74	236779	50.095	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	307064	48.117	ug/l	99
10) Methyl Iodide	2.50	142	418989	54.276	ug/l	100
11) Tert butyl alcohol	3.03	59	448309	233.767	ug/l	99
12) 1,1-Dichloroethene	2.36	96	318459	49.995	ug/l	99
13) Acrolein	2.28	56	277155	216.912	ug/l	100
14) Allyl chloride	2.72	41	558212	48.289	ug/l	100
15) Acrylonitrile	3.13	53	974988	246.296	ug/l	99
16) Acetone	2.43	43	840151	219.023	ug/l	100
17) Carbon Disulfide	2.56	76	881371	48.537	ug/l	99
18) Methyl Acetate	2.76	43	555437	52.000	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1062672	50.359	ug/l	100
20) Methylene Chloride	2.84	84	359488	48.781	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	343093	49.442	ug/l	99
22) Diisopropyl ether	3.84	45	1133590	50.928	ug/l	98
23) Vinyl Acetate	3.80	43	4627120	249.886	ug/l	100
24) 1,1-Dichloroethane	3.69	63	611356	50.243	ug/l	98
25) 2-Butanone	4.65	43	1378771	241.852	ug/l	100
26) 2,2-Dichloropropane	4.58	77	332574	33.034	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	392222	49.218	ug/l	96
28) Bromochloromethane	5.00	49	252744	52.562	ug/l	98
29) Tetrahydrofuran	5.11	42	898531	255.670	ug/l	100
30) Chloroform	5.20	83	590229	47.829	ug/l	96
31) Cyclohexane	5.57	56	560540	48.840	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	511610	49.611	ug/l	100
36) 1,1-Dichloropropene	5.79	75	458087	48.252	ug/l	99
37) Ethyl Acetate	4.82	43	531361	49.891	ug/l	100
38) Carbon Tetrachloride	5.78	117	438797	50.126	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	553154	47.137	ug/l	99
40) Benzene	6.14	78	1409967	48.763	ug/l	100
41) Methacrylonitrile	5.03	41	297352	50.909	ug/l	100
42) 1,2-Dichloroethane	6.19	62	481960	48.875	ug/l	100
43) Isopropyl Acetate	6.43	43	865678	49.372	ug/l	99
44) Trichloroethene	7.21	130	377963	47.630	ug/l	96
45) 1,2-Dichloropropane	7.51	63	362810	50.151	ug/l	99
46) Dibromomethane	7.65	93	237948	48.429	ug/l	99
47) Bromodichloromethane	7.89	83	463938	49.947	ug/l	99
48) Methyl methacrylate	7.76	41	432050	50.714	ug/l	98
49) 1,4-Dioxane	7.73	88	181581	952.206	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2722389	246.834	ug/l	100
52) Toluene	8.78	92	881919	49.097	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	498159	47.118	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	554108	47.971	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	357763	49.424	ug/l	97
56) Ethyl methacrylate	9.17	69	586992	50.438	ug/l	99
57) 1,3-Dichloropropane	9.37	76	607587	48.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1121100	245.697	ug/l	100
59) 2-Hexanone	9.49	43	2090779	243.058	ug/l	99
60) Dibromochloromethane	9.58	129	381559	50.792	ug/l	100
61) 1,2-Dibromoethane	9.67	107	375693	48.594	ug/l	100
64) Tetrachloroethene	9.33	164	357139	50.685	ug/l	98
65) Chlorobenzene	10.14	112	954054	48.633	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	351604	49.912	ug/l	99
67) Ethyl Benzene	10.25	91	1677428	49.760	ug/l	98
68) m/p-Xylenes	10.36	106	1283512	99.449	ug/l	99
69) o-Xylene	10.70	106	620099	49.263	ug/l	98
70) Styrene	10.71	104	1067800	50.429	ug/l	100
71) Bromoform	10.85	173	296905	50.938	ug/l	100
73) Isopropylbenzene	11.01	105	1649950	50.515	ug/l	99
74) N-amyl acetate	10.89	43	766682	51.241	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	563737	49.768	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	443599m	42.357	ug/l	
77) Bromobenzene	11.25	156	435027	49.301	ug/l	100
78) n-propylbenzene	11.35	91	1840995	50.491	ug/l	100
79) 2-Chlorotoluene	11.42	91	1083192	49.524	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1366783	51.057	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	169730	44.338	ug/l	100
82) 4-Chlorotoluene	11.51	91	1249250	49.314	ug/l	99
83) tert-Butylbenzene	11.76	119	1360950	50.024	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1366169	50.284	ug/l	99
85) sec-Butylbenzene	11.94	105	1572990	50.619	ug/l	100
86) p-Isopropyltoluene	12.06	119	1458521	50.452	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	747056	48.568	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	750278	47.889	ug/l	100
89) n-Butylbenzene	12.39	91	1222243	49.570	ug/l	100
90) Hexachloroethane	12.59	117	259546	49.670	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	757087	49.816	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	125402	50.839	ug/l	99

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QLast Update : Tue Nov 26 15:53:00 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	503987	47.584	ug/l	96
94) Hexachlorobutadiene	13.78	225	232622	45.720	ug/l	100
95) Naphthalene	13.83	128	1633630	51.792	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	525836	50.142	ug/l	99

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

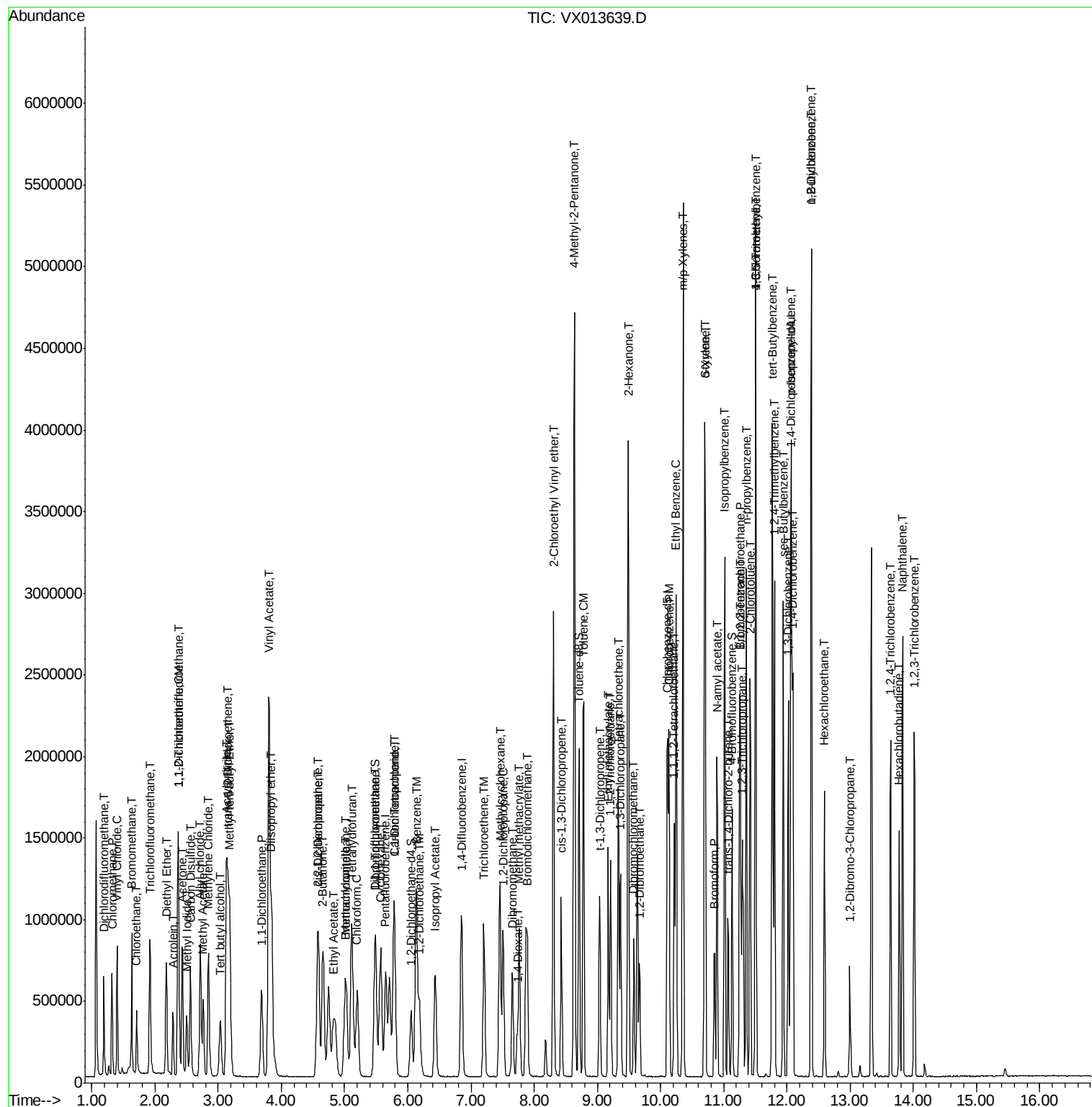
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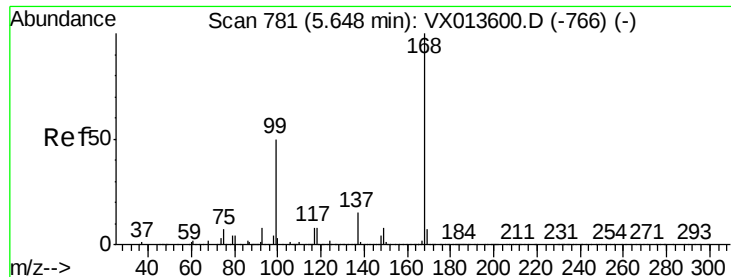
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 669338

Ion Ratio Lower Upper

168 100

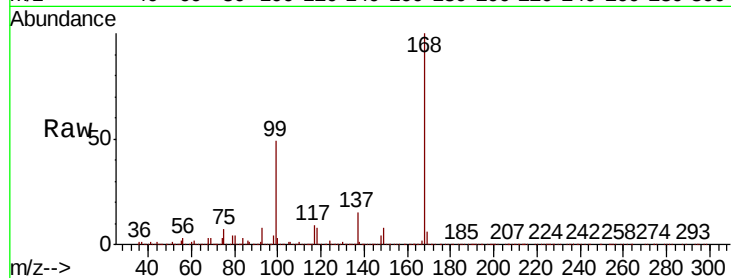
99 48.6 39.8 59.8

Manual Integrations

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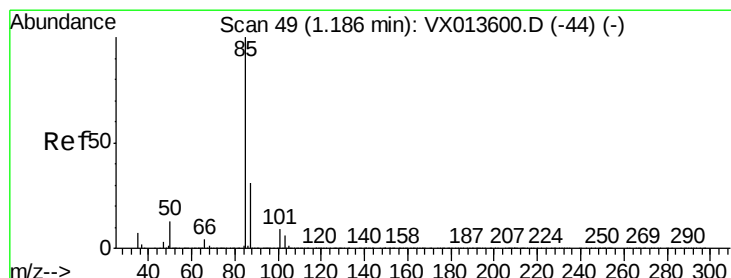
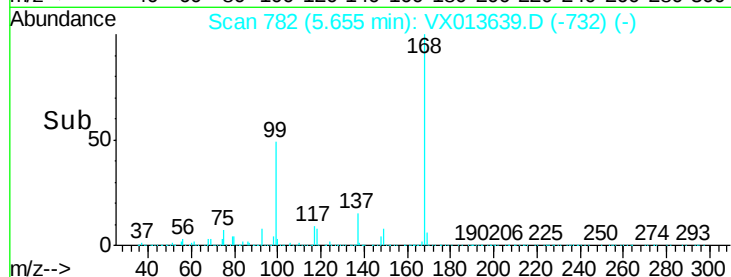
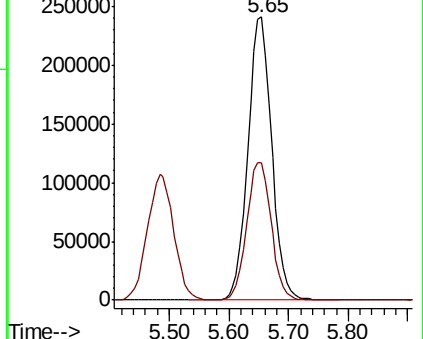
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.353 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013639.D

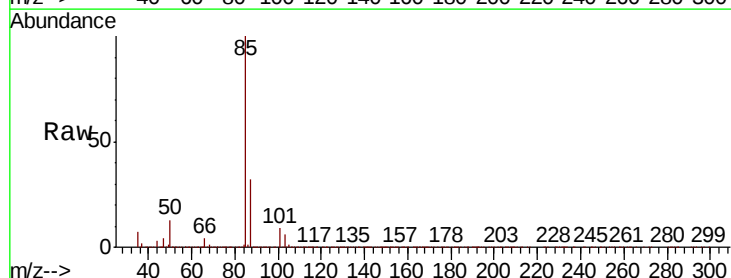
Acq: 27 Nov 2019 07:45

Tgt Ion: 85 Resp: 382583

Ion Ratio Lower Upper

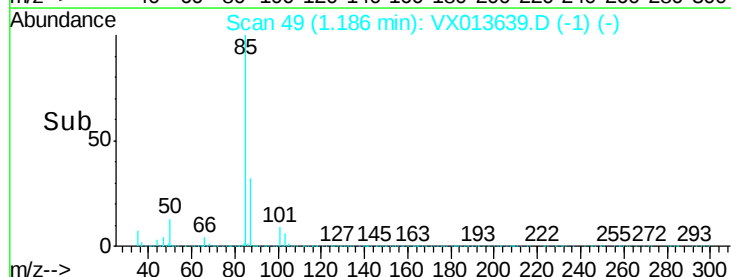
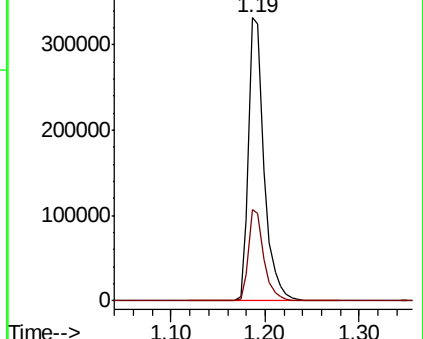
85 100

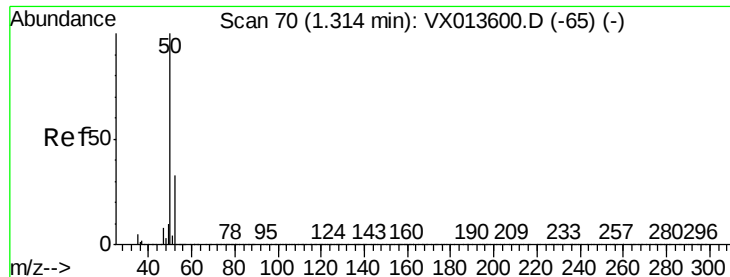
87 32.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.438 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 421635

Ion Ratio Lower Upper

50 100

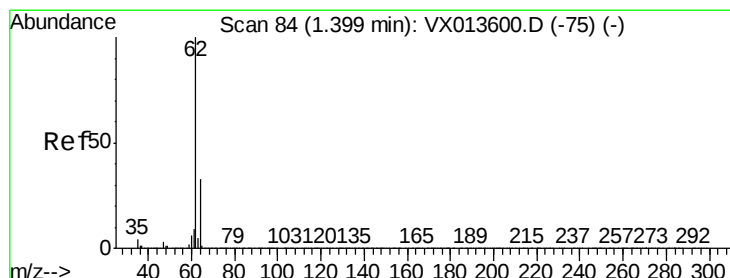
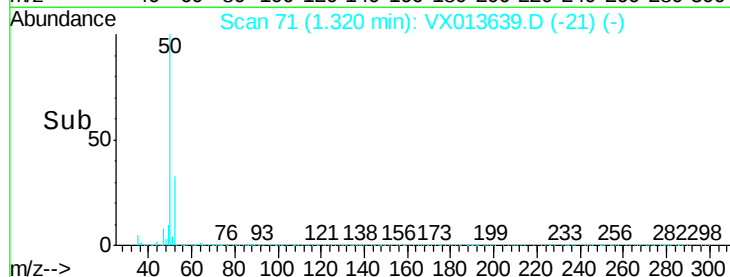
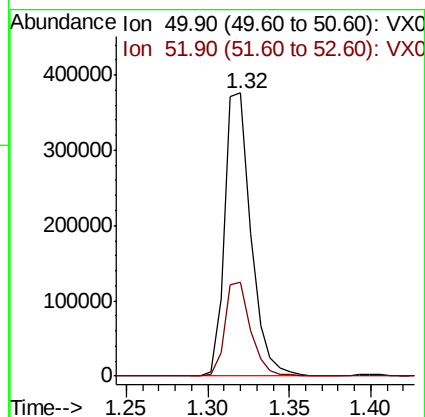
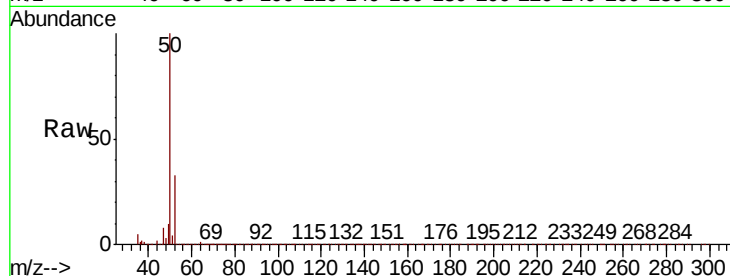
52 33.1 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.761 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013639.D

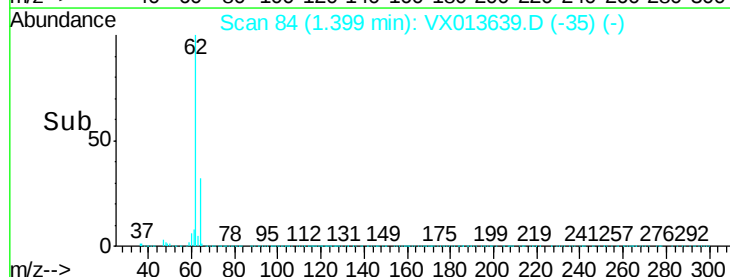
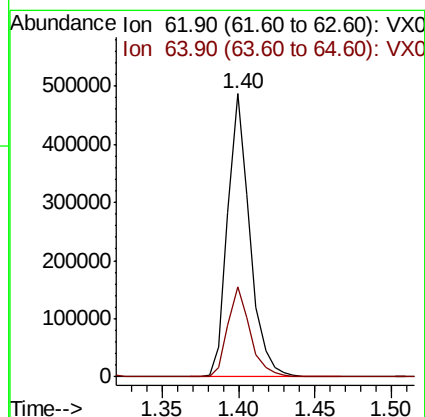
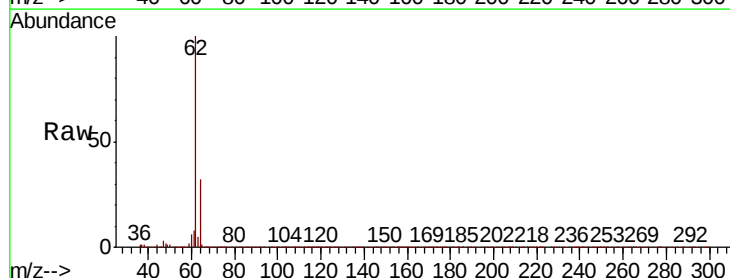
Acq: 27 Nov 2019 07:45

Tgt Ion: 62 Resp: 487015

Ion Ratio Lower Upper

62 100

64 31.5 26.0 39.0





#5

Bromomethane

Concen: 46.148 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 291598

Ion Ratio Lower Upper

94 100

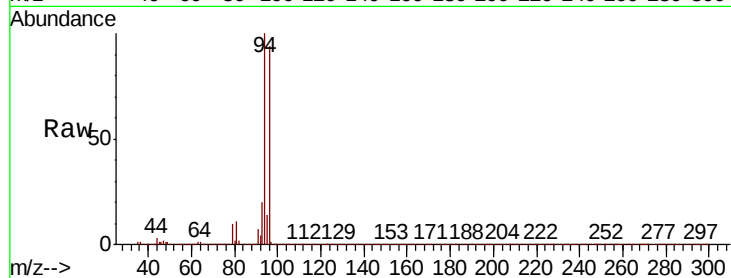
96 94.1 77.0 115.4

Manual Integrations

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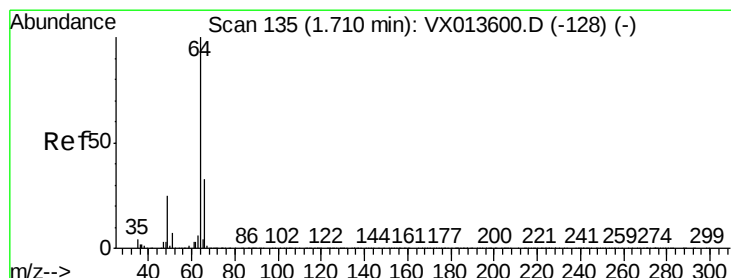
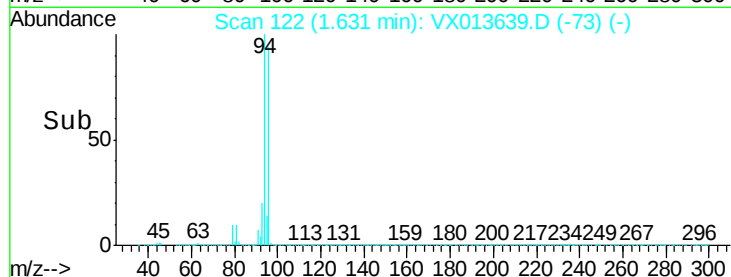
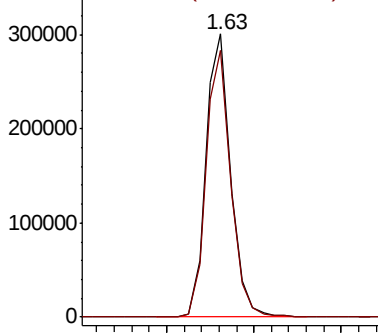
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.277 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013639.D

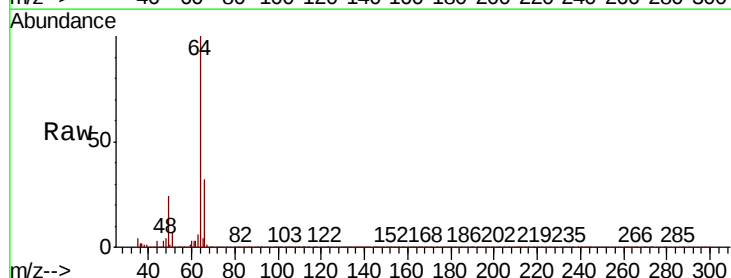
Acq: 27 Nov 2019 07:45

Tgt Ion: 64 Resp: 258477

Ion Ratio Lower Upper

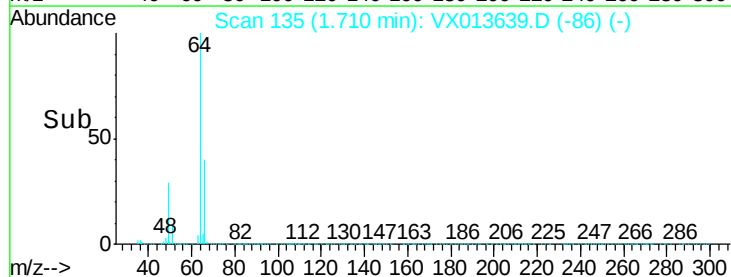
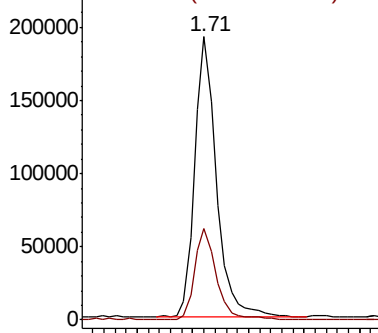
64 100

66 32.5 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

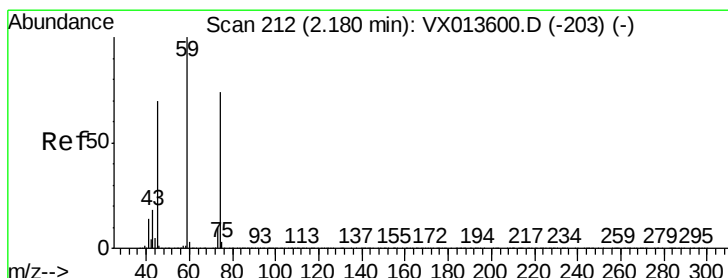
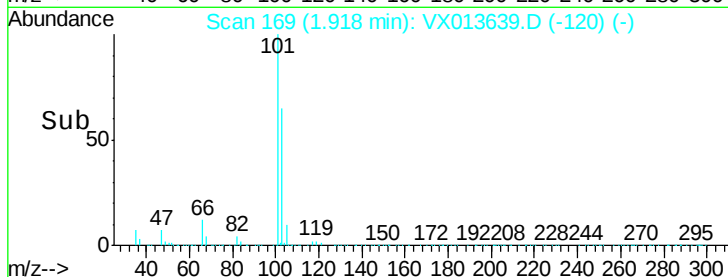
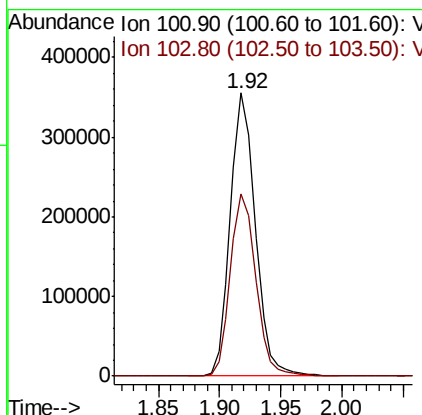
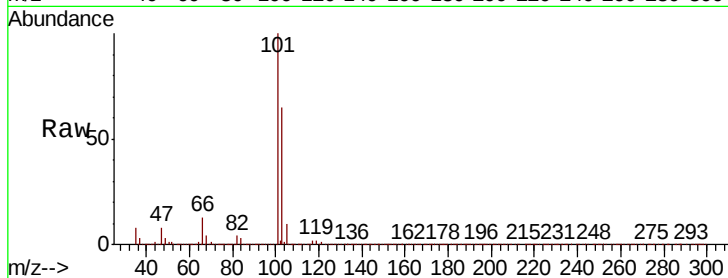
Trichlorofluoromethane
Concen: 48.227 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.8	77.6

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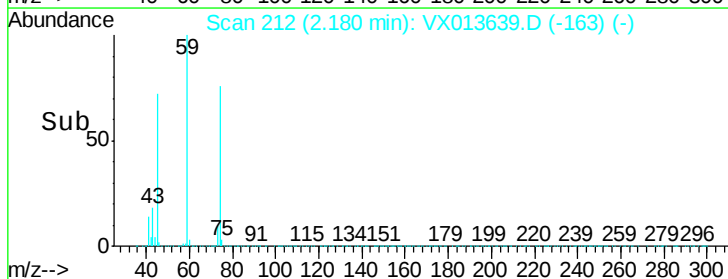
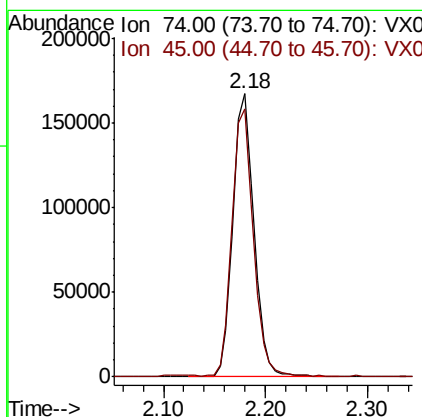
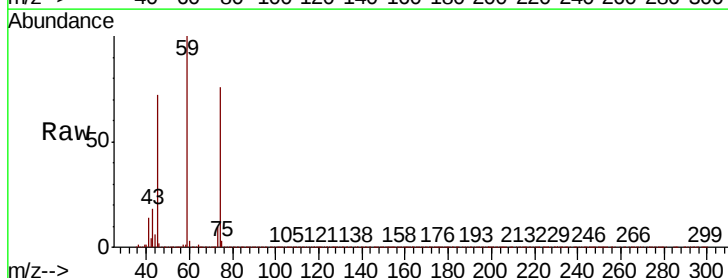
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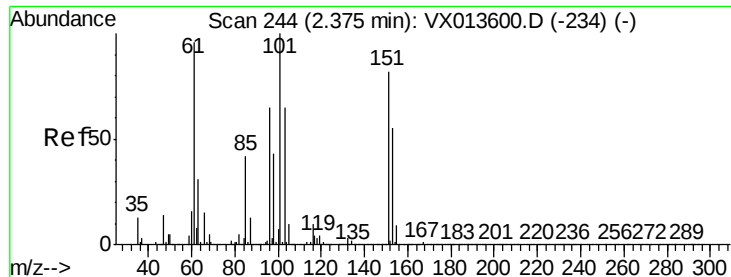


#8

Diethyl Ether
Concen: 50.095 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.3	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.117 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

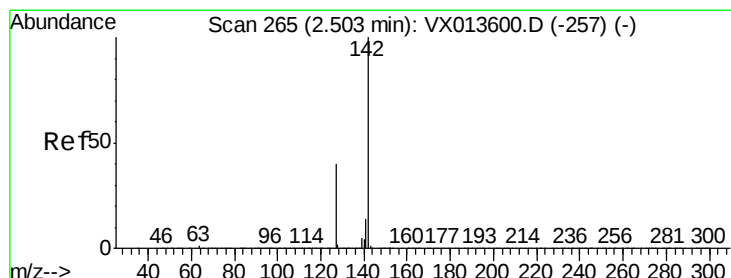
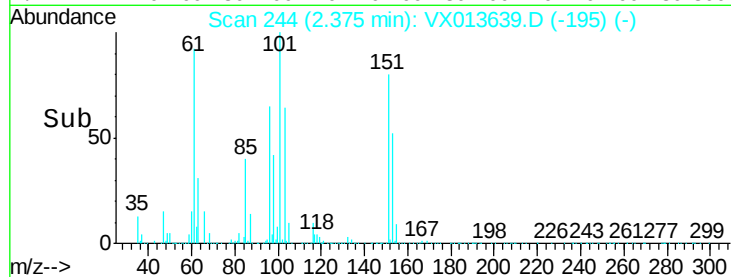
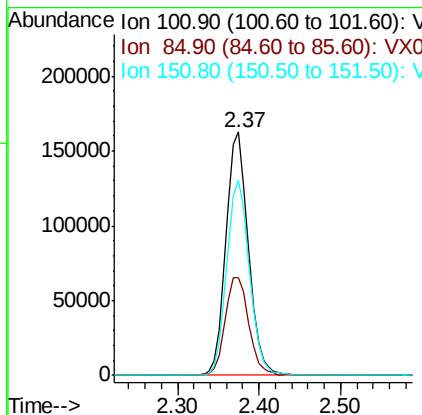
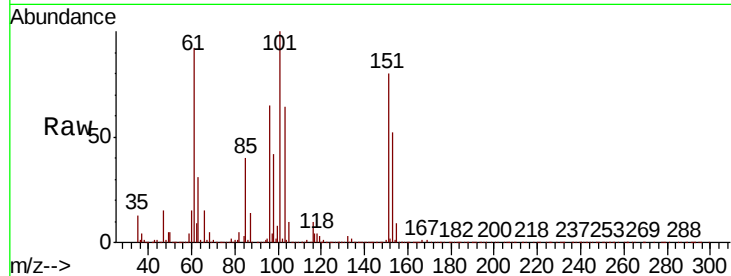
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	307064
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.9	50.9
151	81.4	64.2	96.2

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#10

Methyl Iodide

Concen: 54.276 ug/l

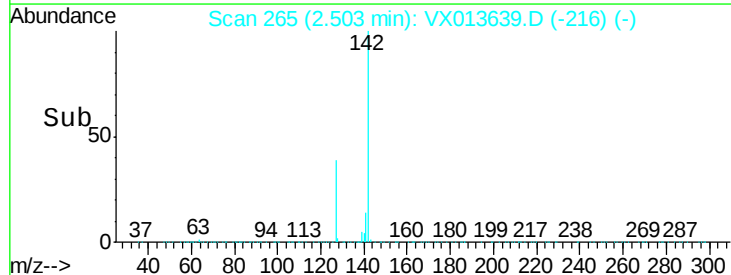
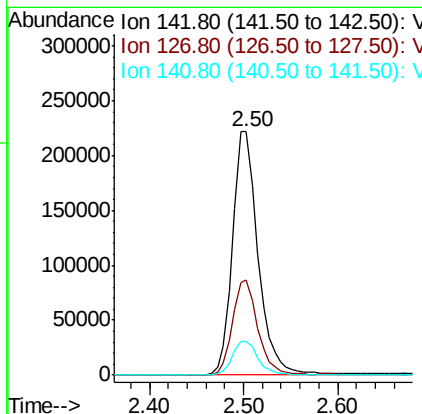
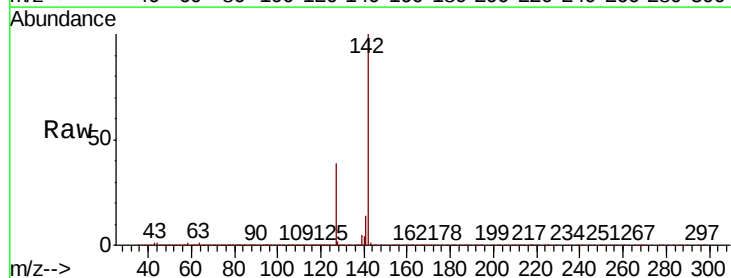
RT: 2.50 min Scan# 265

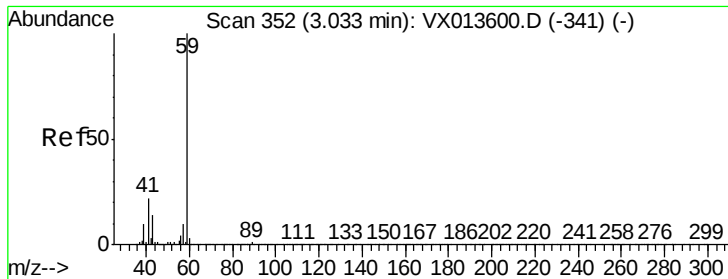
Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Tgt Ion:	142	Resp:	418989
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.0	46.4
141	14.2	11.6	17.4





#11

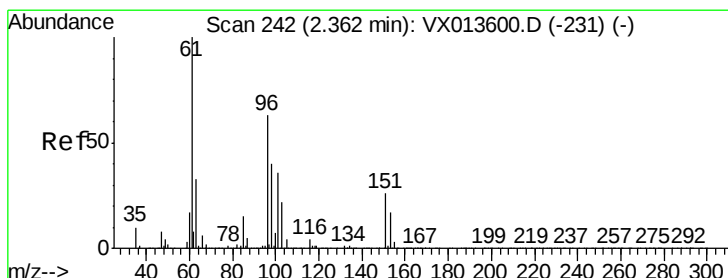
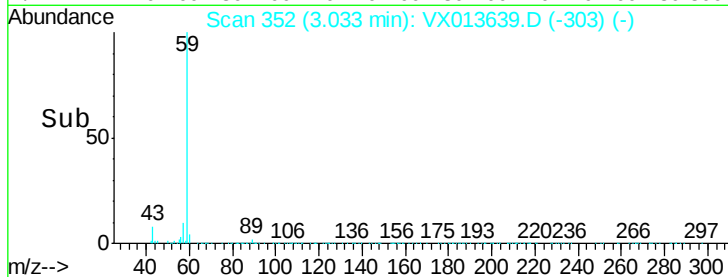
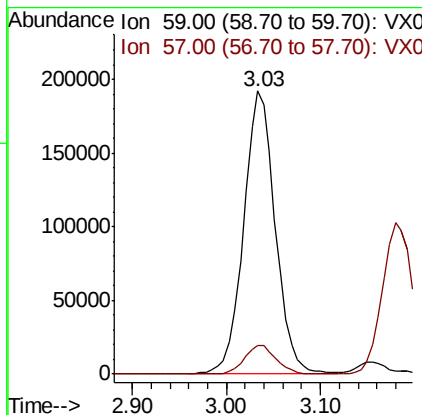
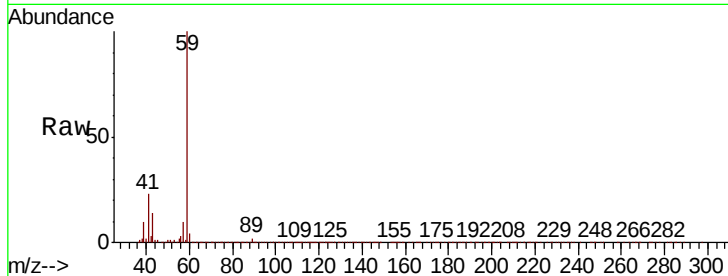
Tert butyl alcohol
Concen: 233.767 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.8	11.6

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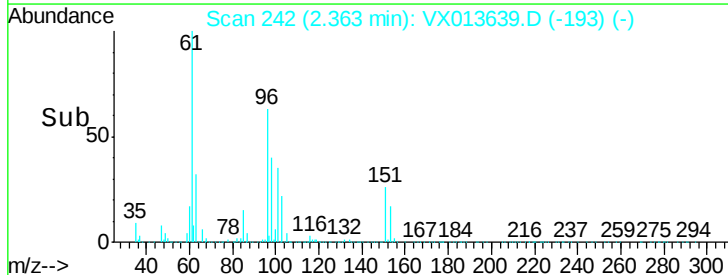
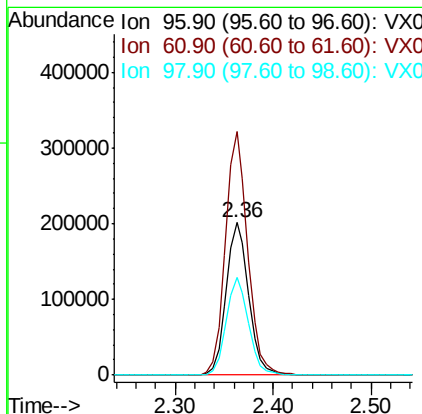
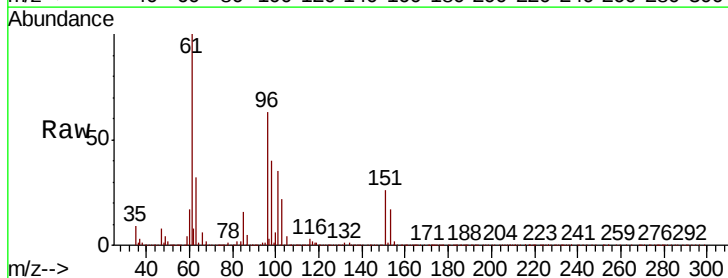
apatel
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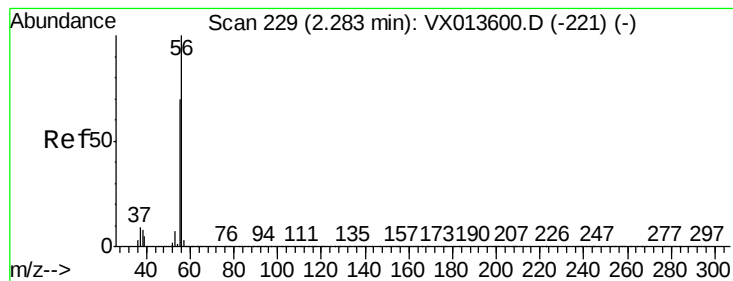


#12

1,1-Dichloroethene
Concen: 49.995 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.5	126.6	190.0
98	63.7	50.6	76.0





#13

Acrolein

Concen: 216.912 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 277155

Ion Ratio Lower Upper

56 100

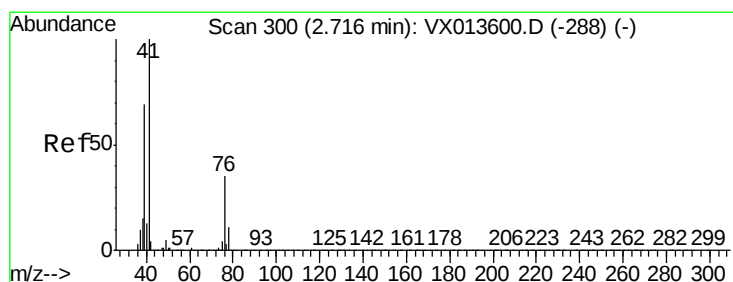
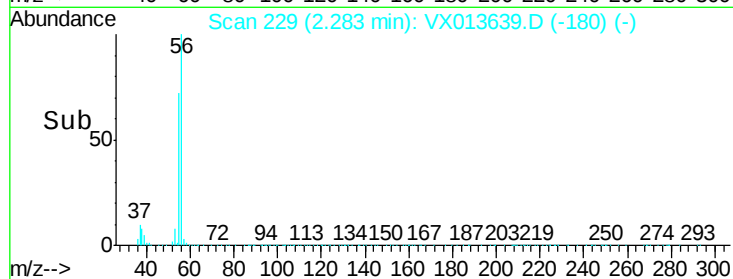
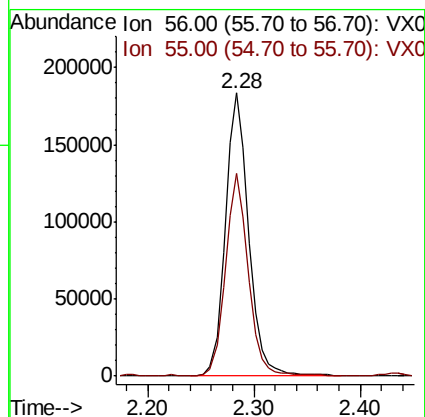
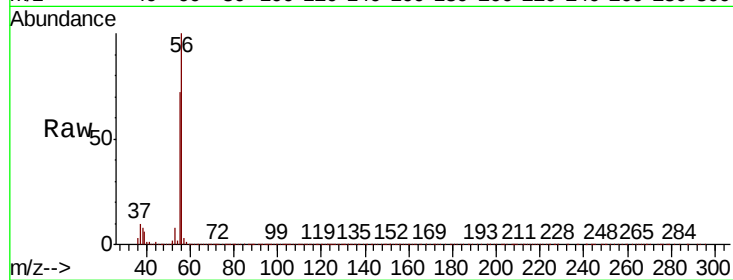
55 70.2 56.2 84.4

Manual Integrations

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#14

Allyl chloride

Concen: 48.289 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

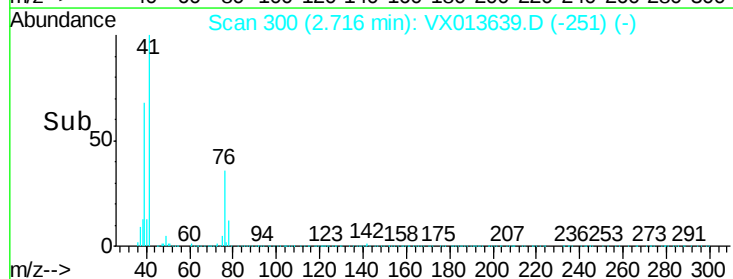
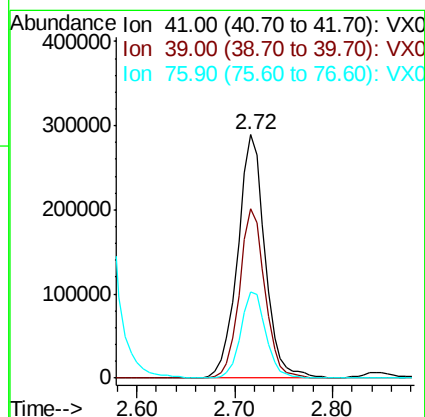
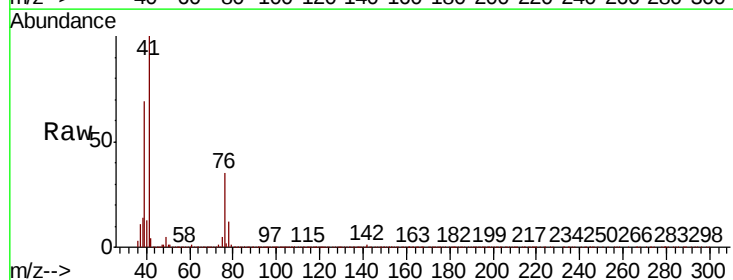
Tgt Ion: 41 Resp: 558212

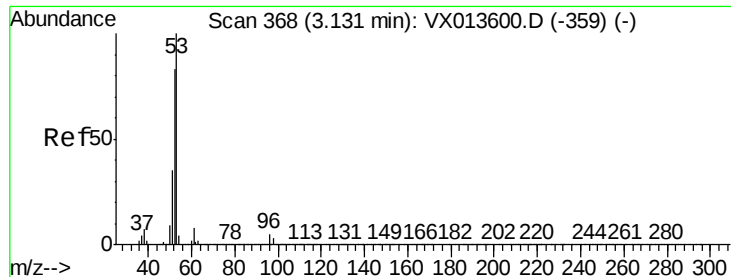
Ion Ratio Lower Upper

41 100

39 64.8 51.7 77.5

76 32.6 25.9 38.9





#15

Acrylonitrile

Concen: 246.296 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

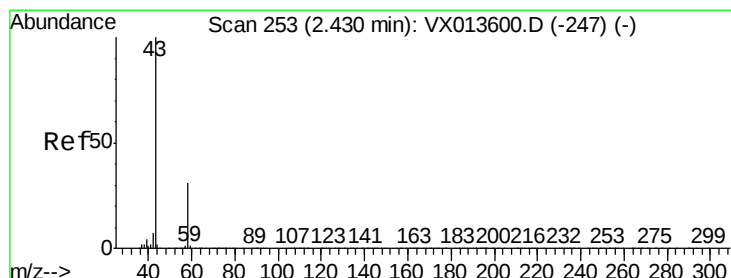
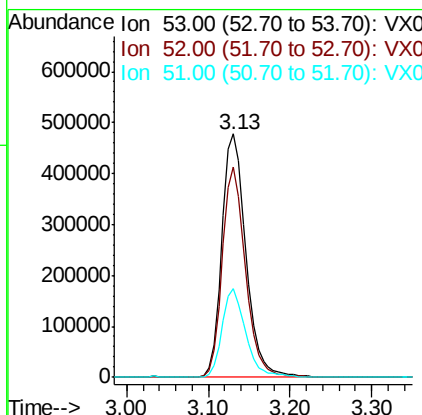
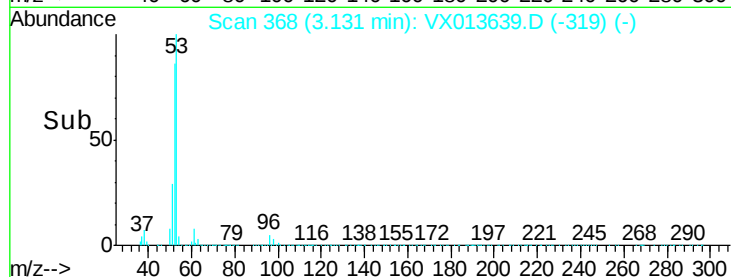
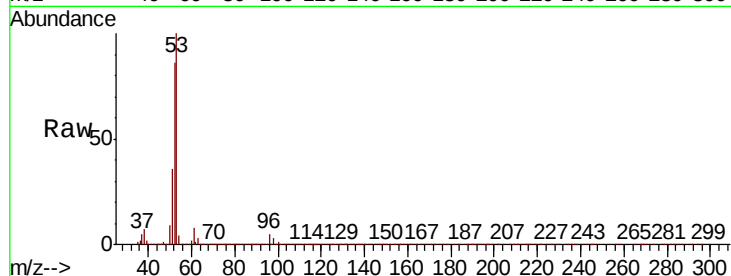
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	974988
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.2	99.2
51	35.9	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 219.023 ug/l

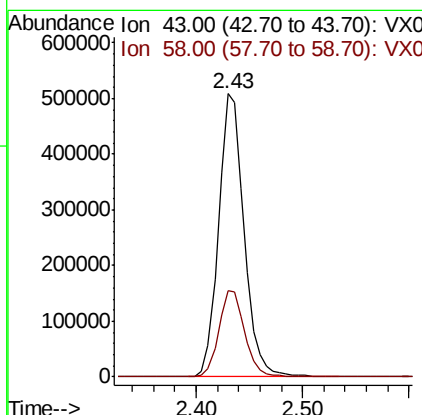
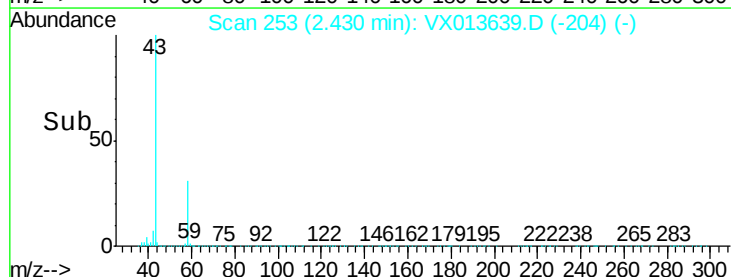
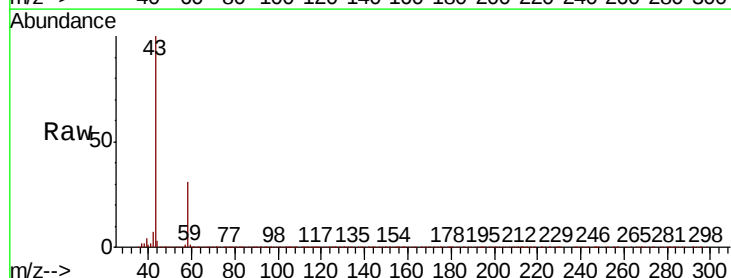
RT: 2.43 min Scan# 253

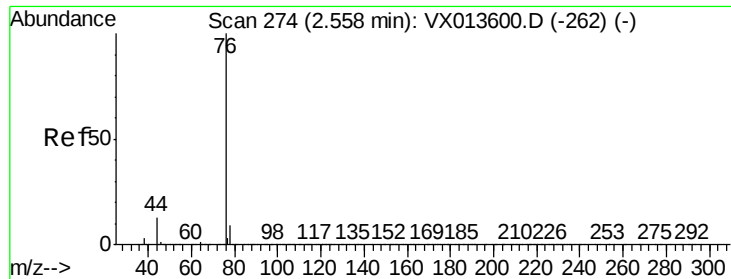
Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Tgt Ion:	43	Resp:	840151
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.6	36.8





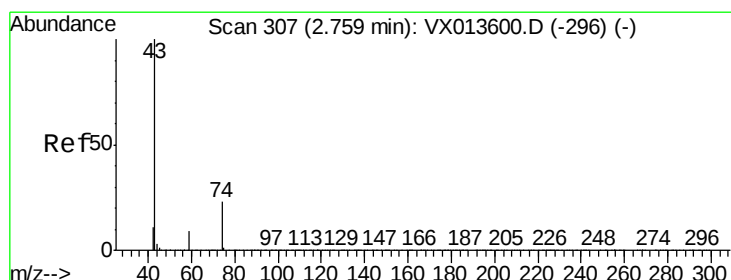
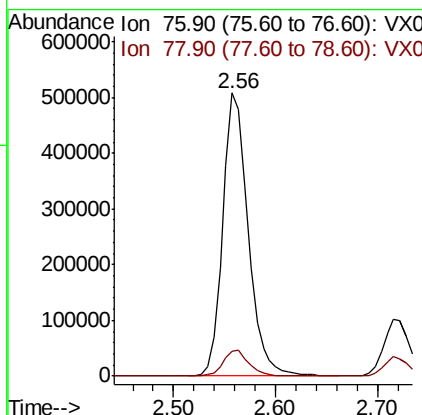
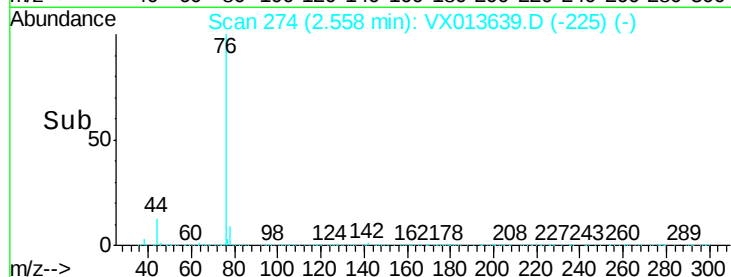
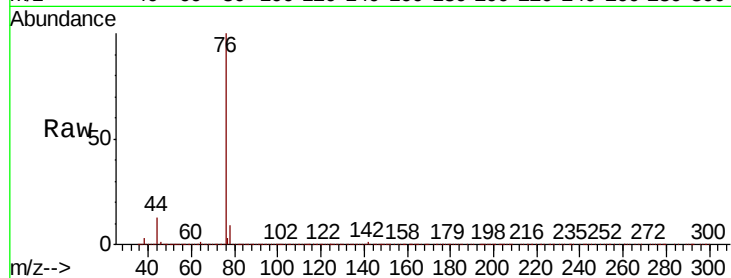
#17
Carbon Disulfide
Concen: 48.537 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.2	10.8

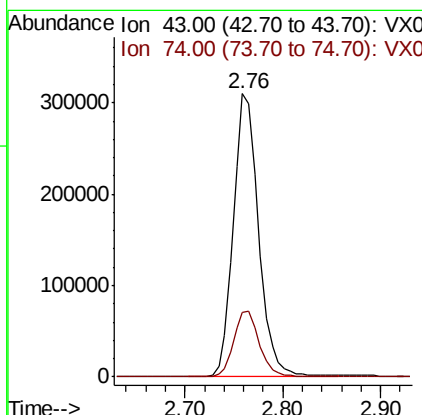
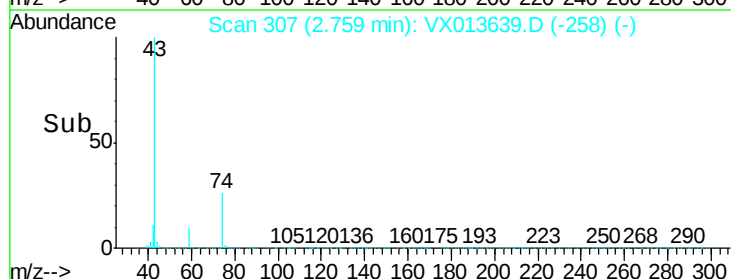
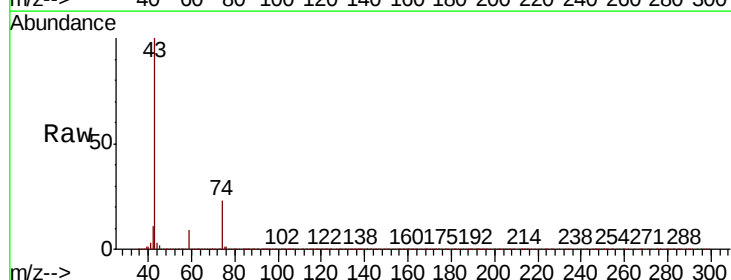
Manual Integrations
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#18
Methyl Acetate
Concen: 52.000 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.5	29.3





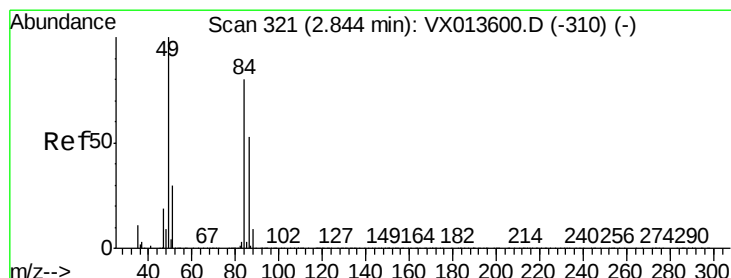
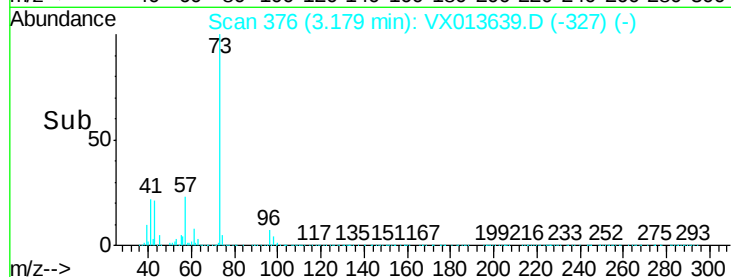
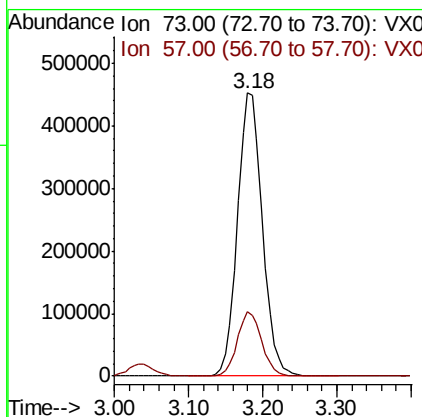
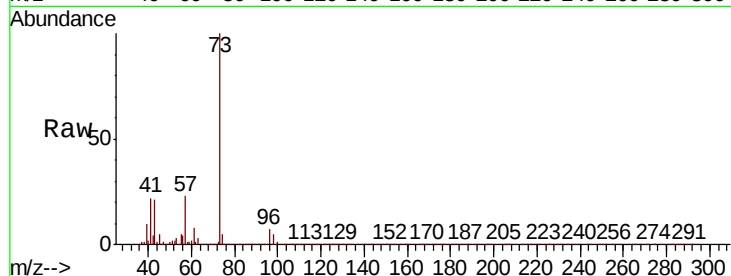
#19
Methvl tert-butvl Ether
Concen: 50.359 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1062672
Ion Ratio Lower Upper
73 100
57 22.7 18.3 27.5

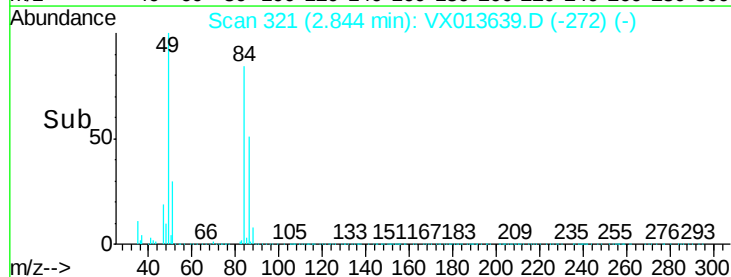
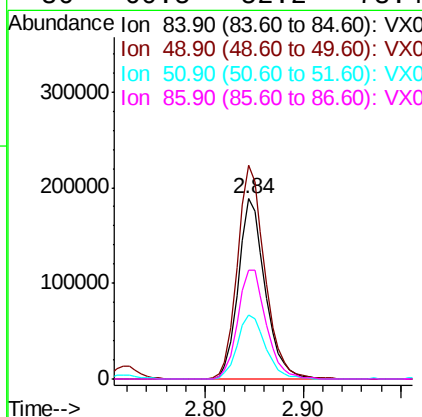
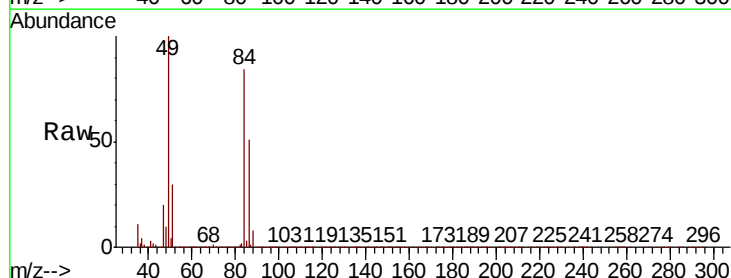
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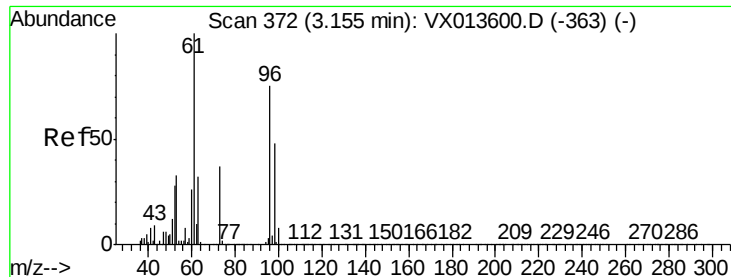
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#20
Methylene Chloride
Concen: 48.781 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion: 84 Resp: 359488
Ion Ratio Lower Upper
84 100
49 118.6 99.7 149.5
51 35.6 29.9 44.9
86 60.5 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 49.442 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 343093

Ion Ratio Lower Upper

96 100

61 134.7 107.2 160.8

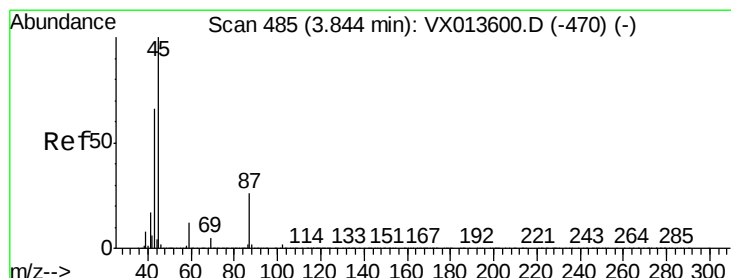
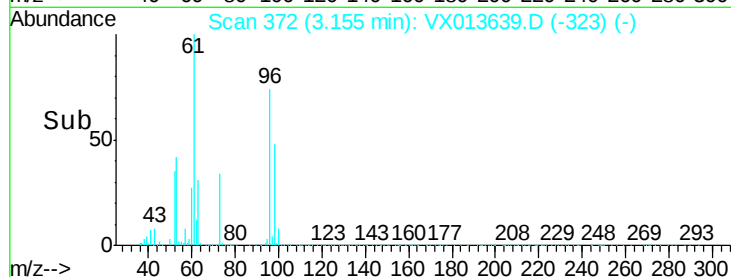
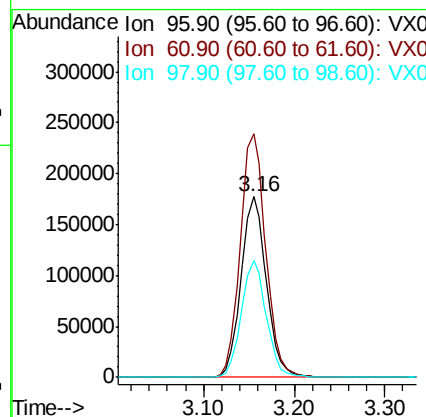
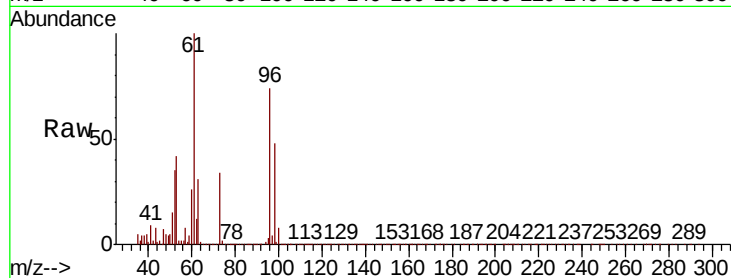
98 64.9 51.4 77.0

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#22

Diisopropyl ether

Concen: 50.928 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Tgt Ion: 45 Resp: 1133590

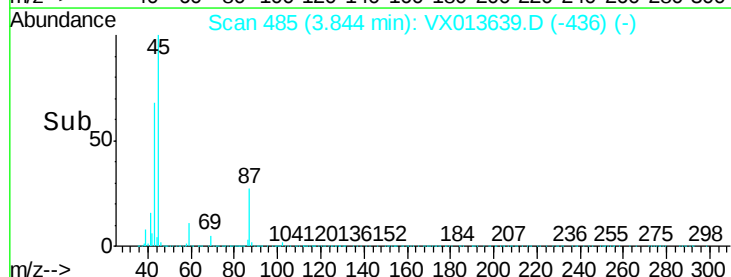
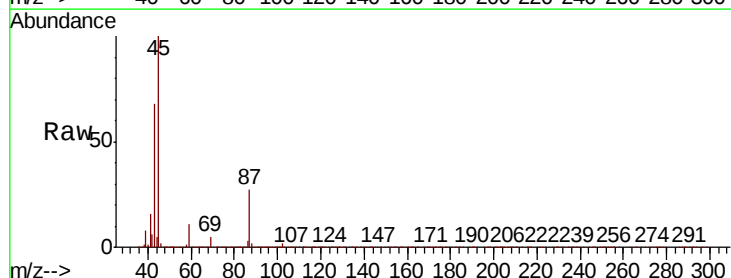
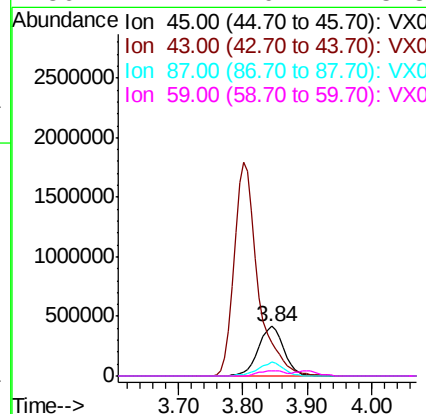
Ion Ratio Lower Upper

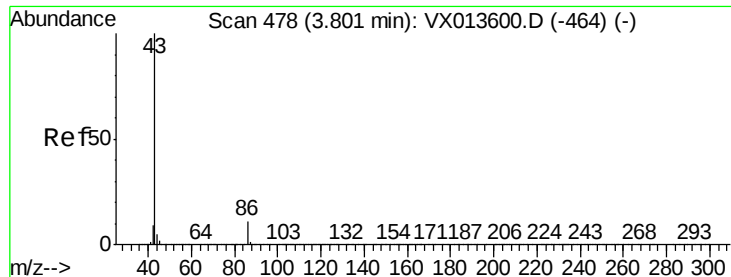
45 100

43 67.8 52.6 79.0

87 27.3 21.1 31.7

59 11.1 9.2 13.8





#23

Vinyl Acetate

Concen: 249.886 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Tot Ion: 43 Resp: 4627120

Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1

Instrument :

MSVOA_X

ClientSampleId :

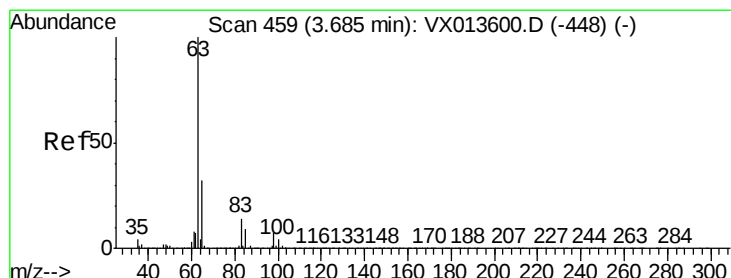
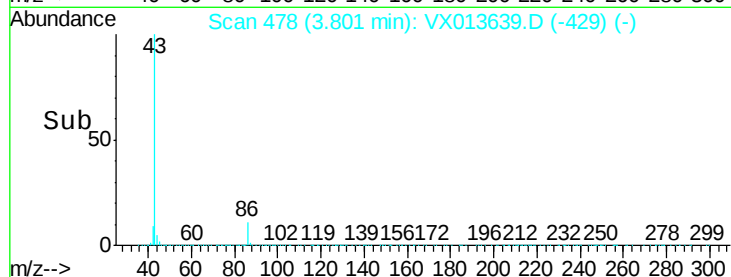
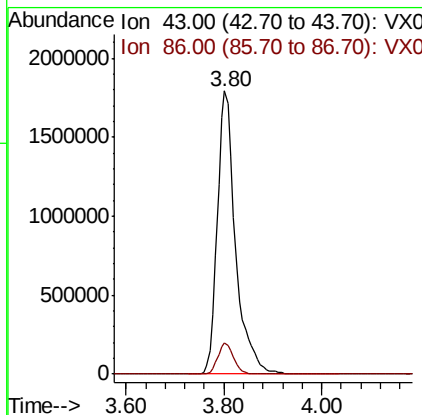
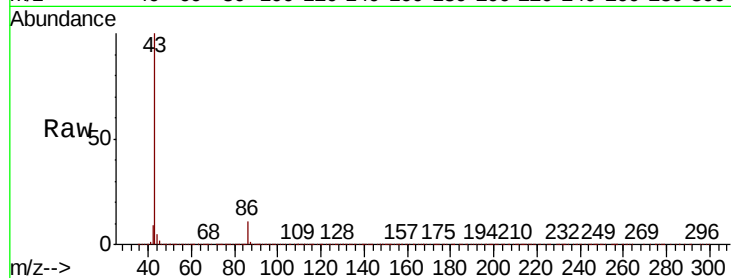
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 50.243 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

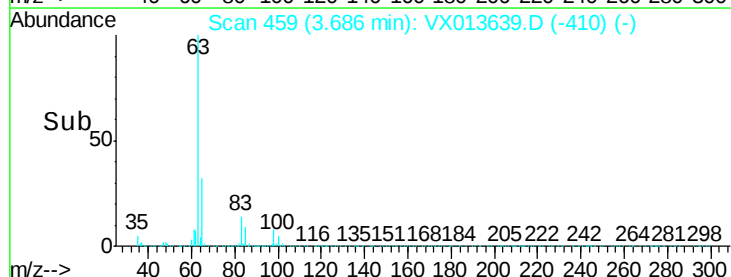
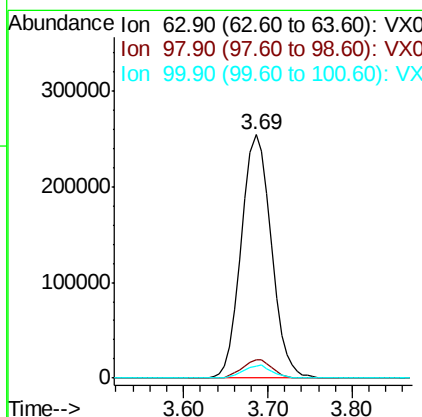
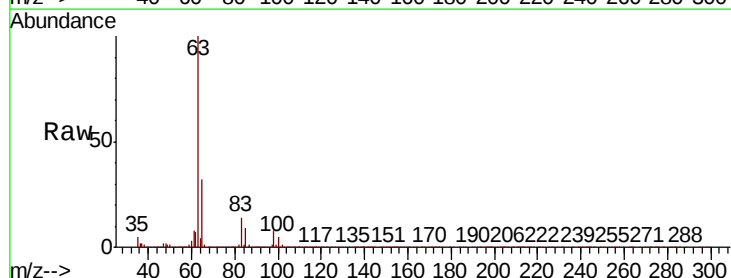
Tgt Ion: 63 Resp: 611356

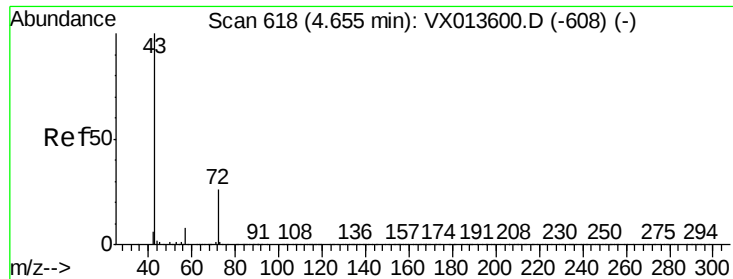
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 4.8 2.1 6.3





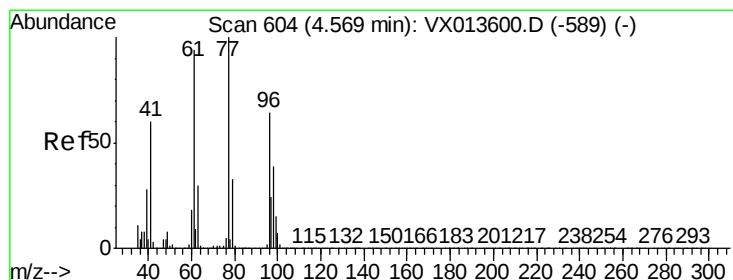
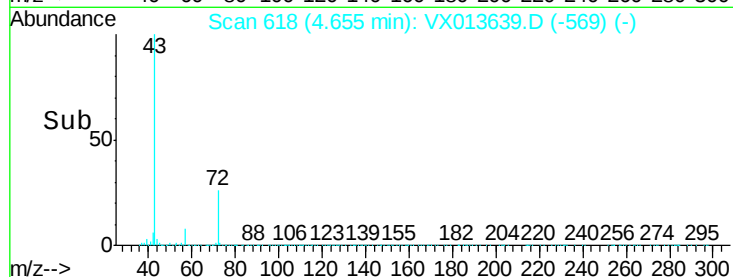
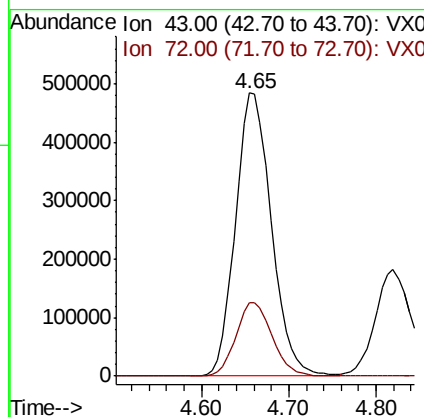
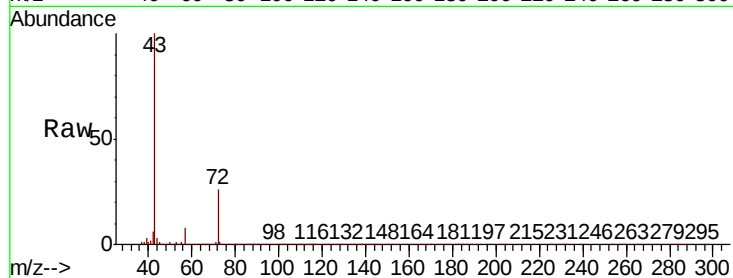
#25
2-Butanone
Concen: 241.852 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1378771
Ion Ratio Lower Upper
43 100
72 26.0 20.6 31.0

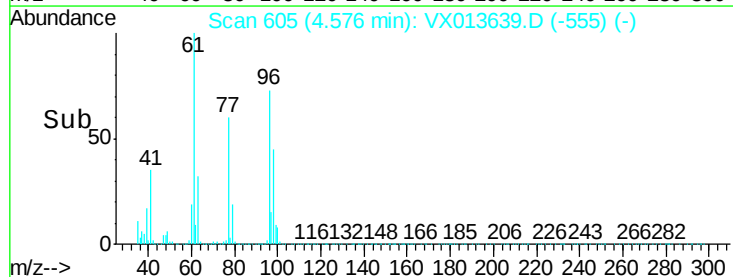
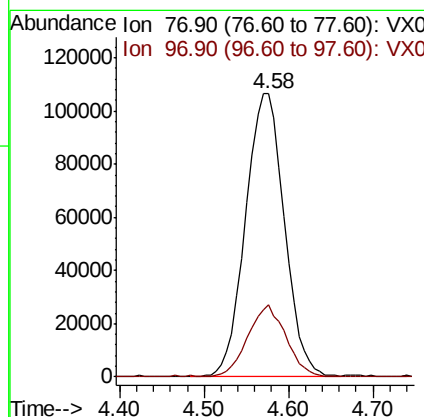
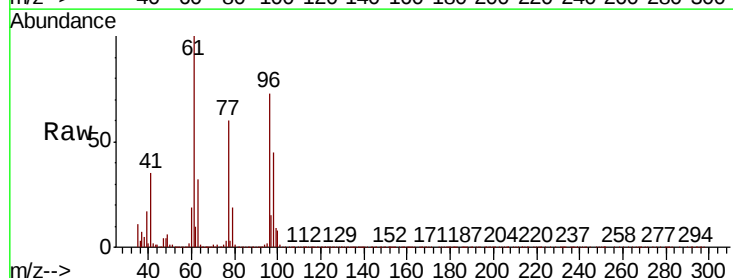
Manual Integrations
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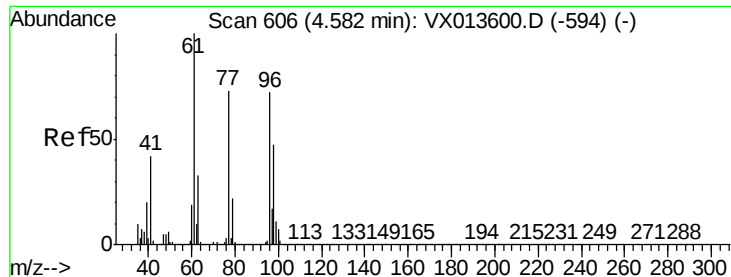
apatel
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#26
2,2-Dichloropropane
Concen: 33.034 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion: 77 Resp: 332574
Ion Ratio Lower Upper
77 100
97 24.8 12.0 36.1





#27

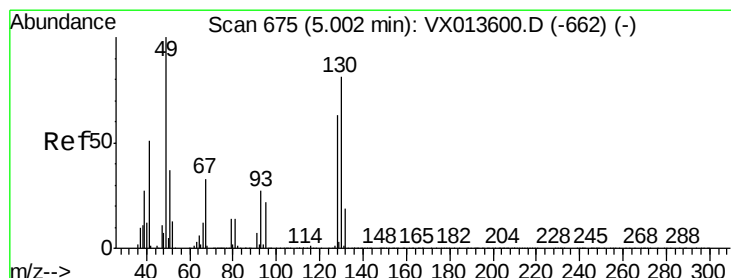
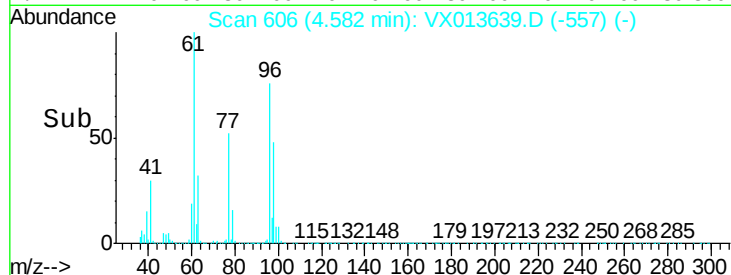
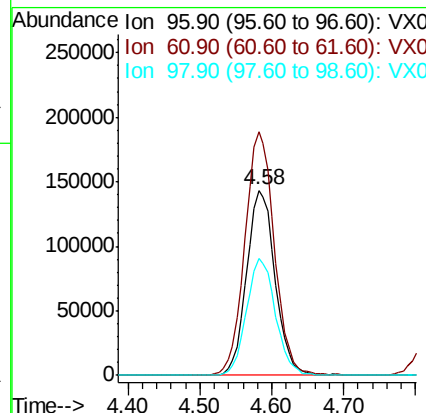
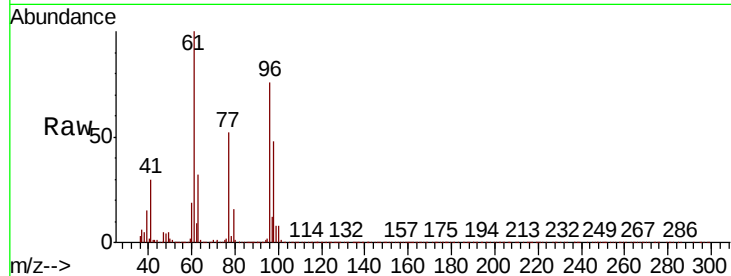
cis-1,2-Dichloroethene
Concen: 49.218 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	286.4
98	64.4	0.0	127.4

Manual Integrations
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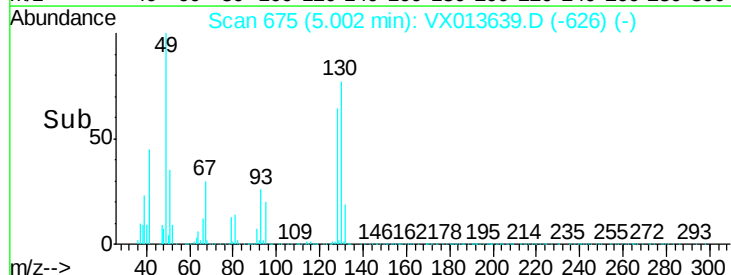
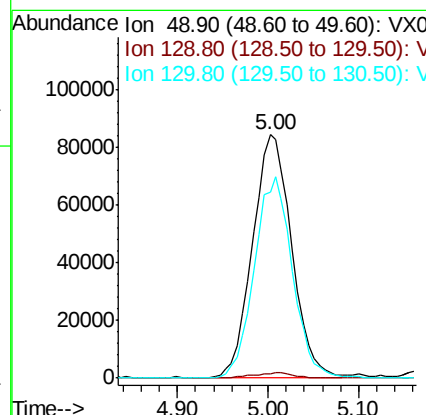
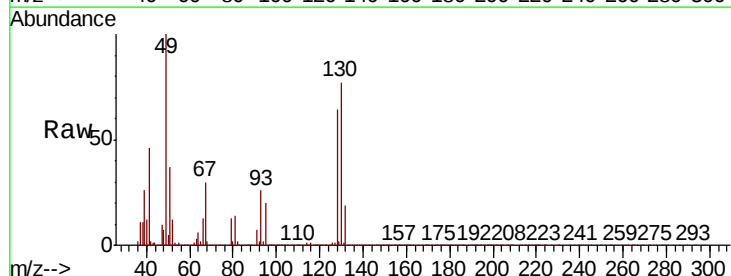
apatel
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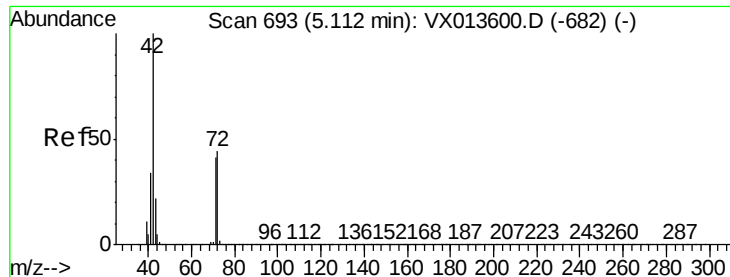


#28

Bromochloromethane
Concen: 52.562 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	80.0	65.4	98.0





#29

Tetrahydrofuran

Concen: 255.670 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

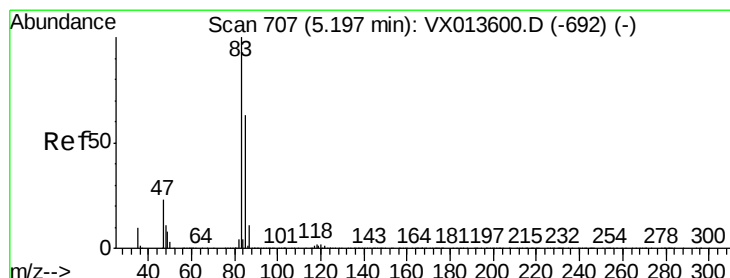
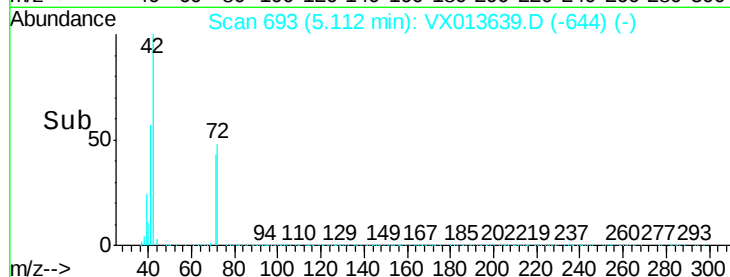
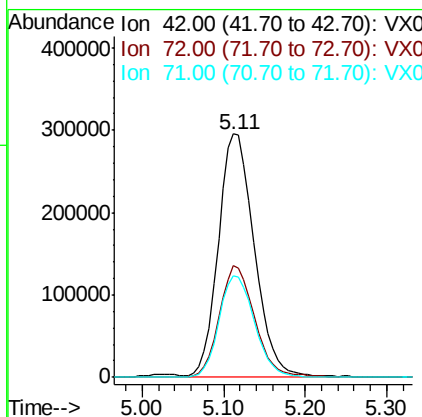
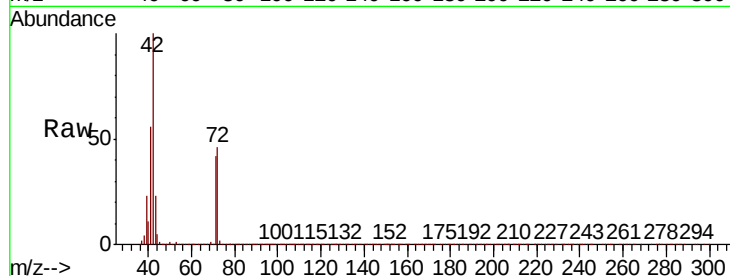
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	898531
Ion Ratio		Lower	Upper
42	100		
72	45.4	36.3	54.5
71	41.6	33.2	49.8

Manual Integrations
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#30

Chloroform

Concen: 47.829 ug/l

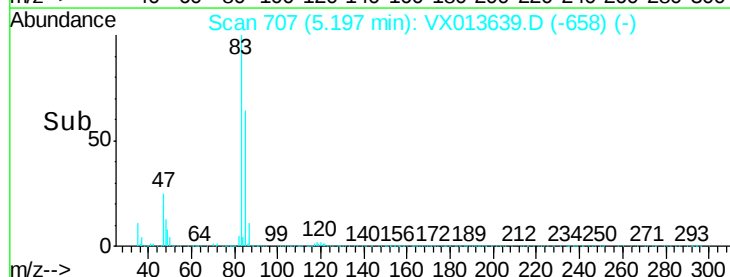
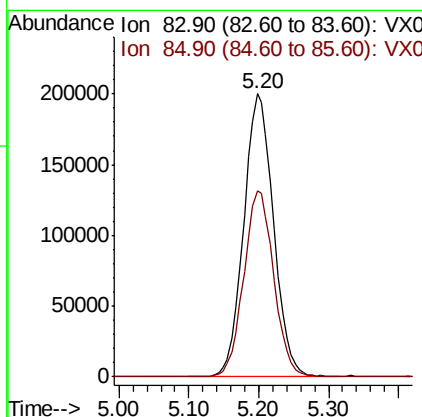
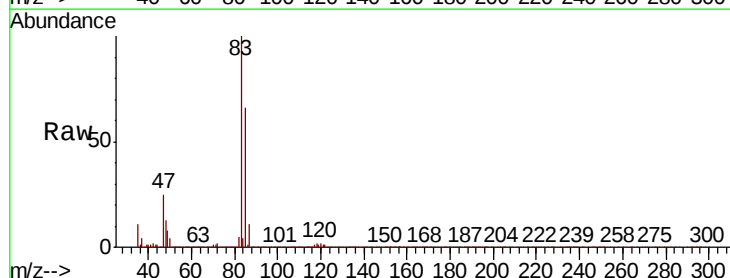
RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Tgt Ion:	83	Resp:	590229
Ion Ratio		Lower	Upper
83	100		
85	65.6	50.2	75.4





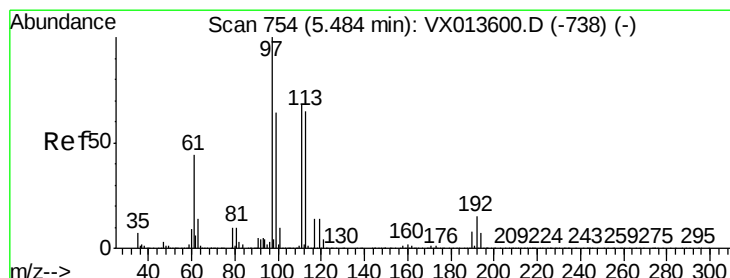
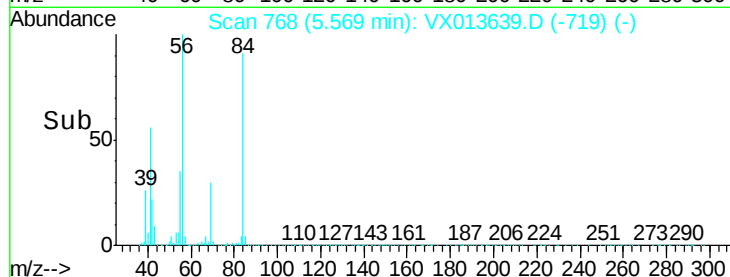
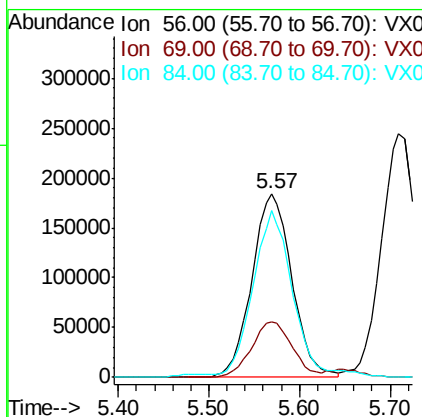
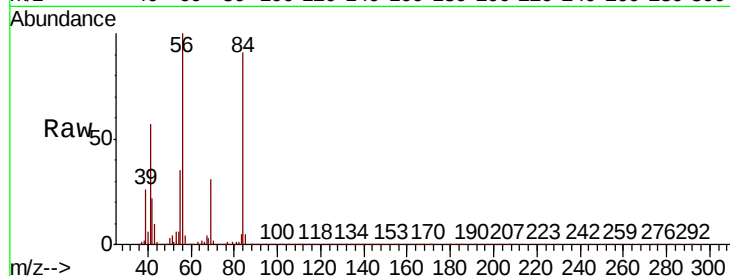
#31
Cyclohexane
Concen: 48.840 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.6	36.8
84	89.8	70.0	105.0

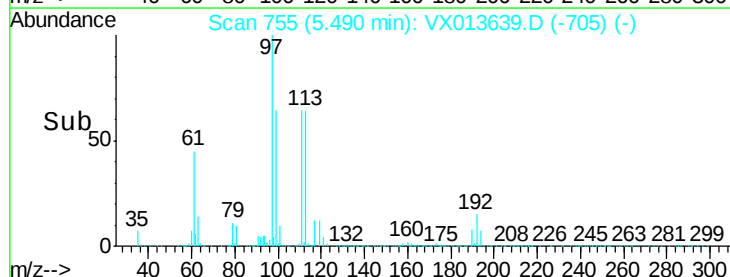
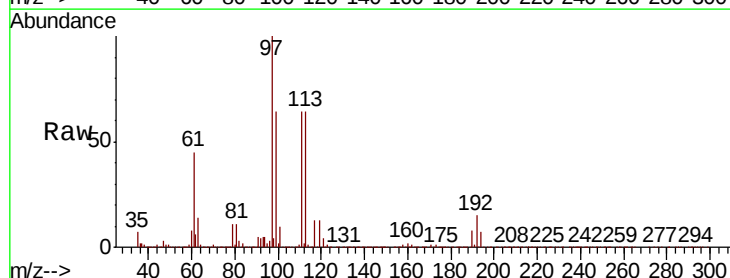
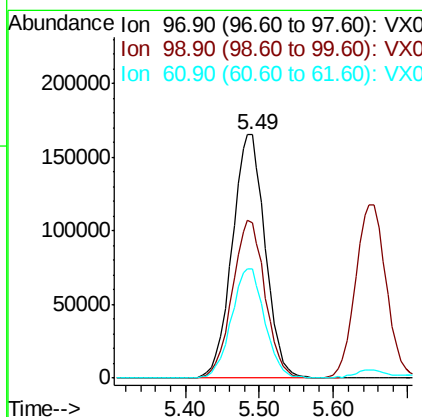
Manual Integrations
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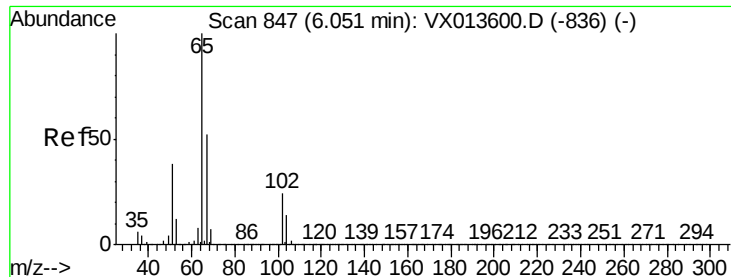
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#32
1,1,1-Trichloroethane
Concen: 49.611 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	44.9	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 48.265 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 374997

Ion Ratio Lower Upper

65 100

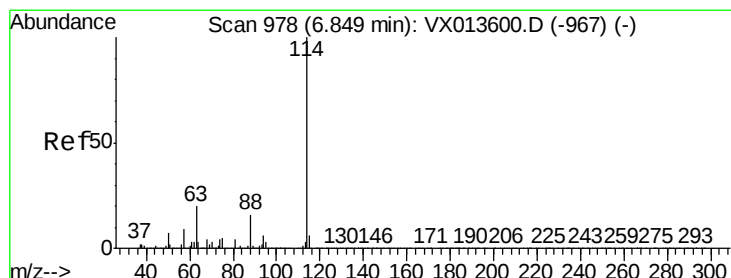
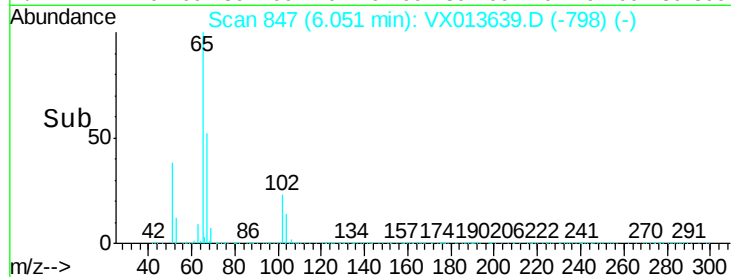
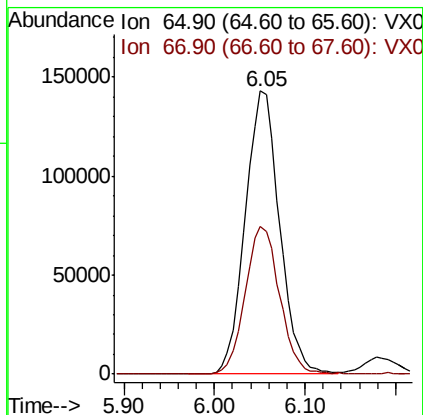
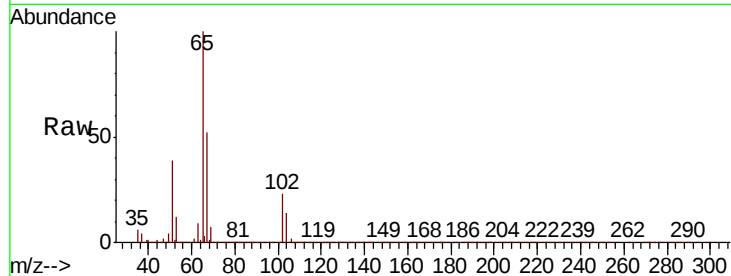
67 51.7 0.0 104.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

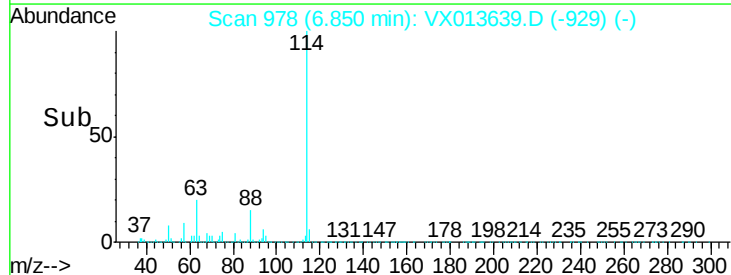
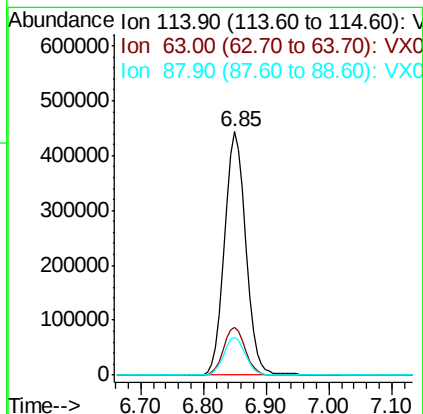
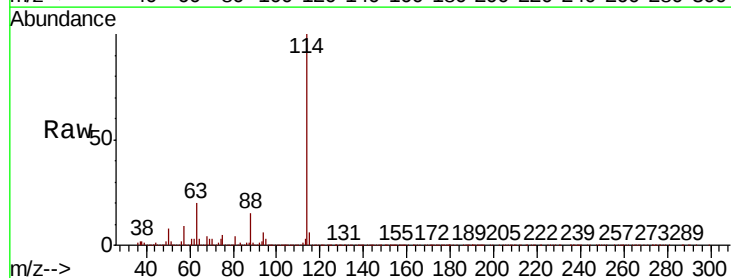
Tgt Ion: 114 Resp: 1045842

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.3 0.0 31.4





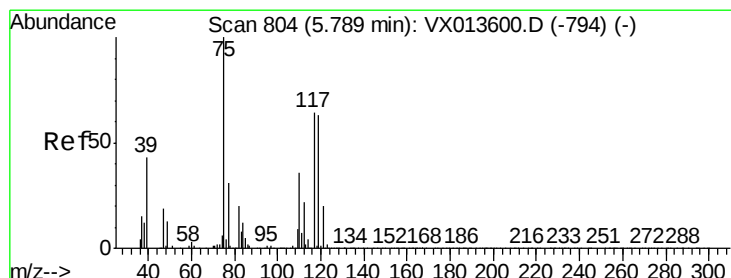
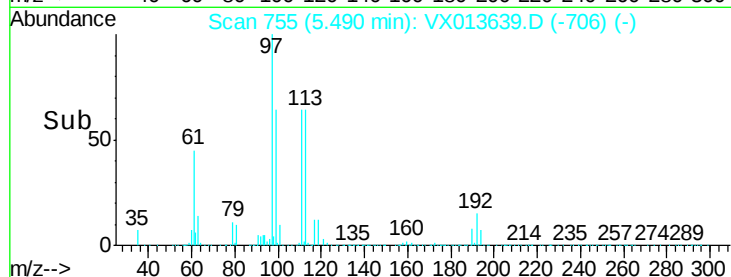
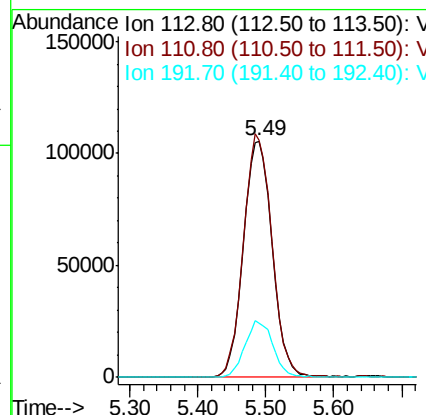
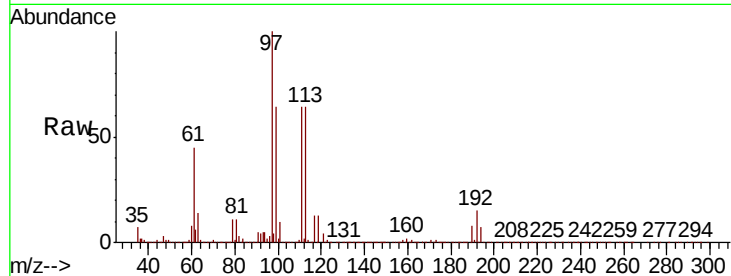
#35
Dibromofluoromethane
Concen: 48.165 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.6	125.4
192	23.5	19.2	28.8

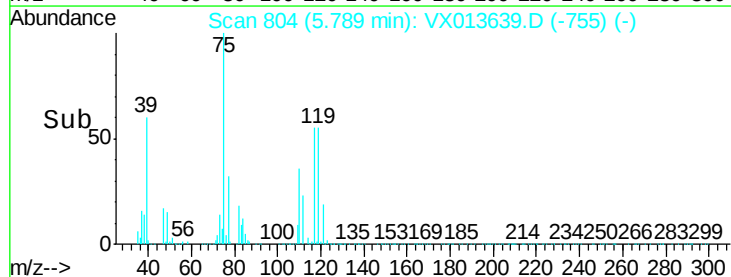
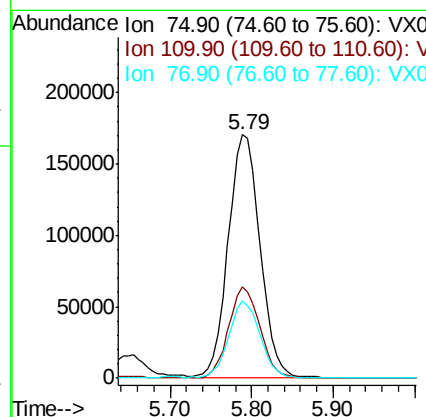
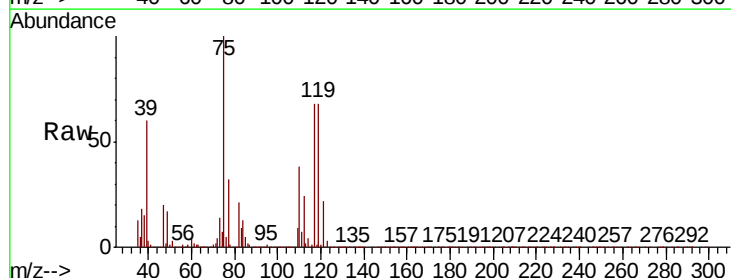
Manual Integrations
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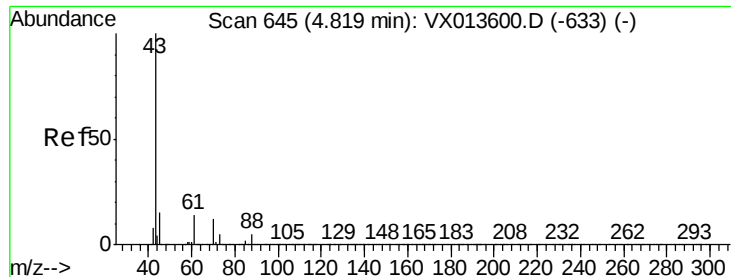
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#36
1,1-Dichloropropene
Concen: 48.252 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.1	54.1
77	31.1	24.5	36.7





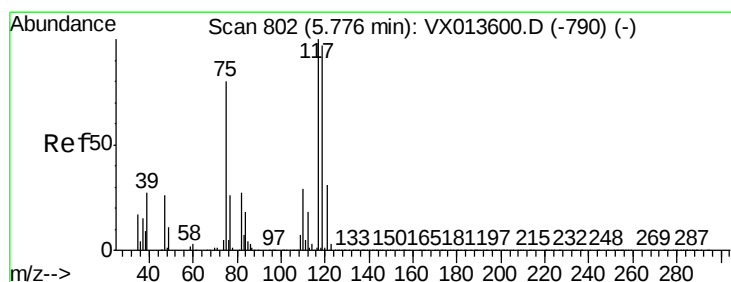
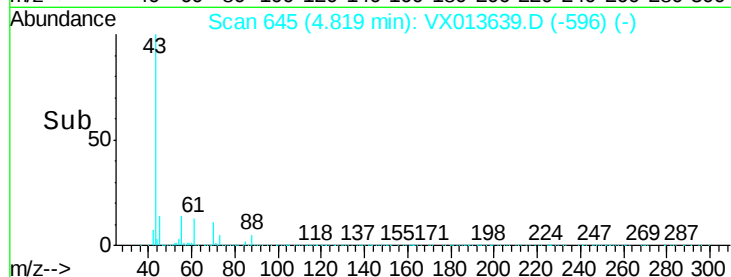
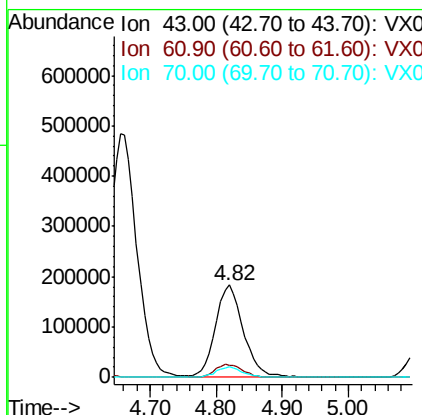
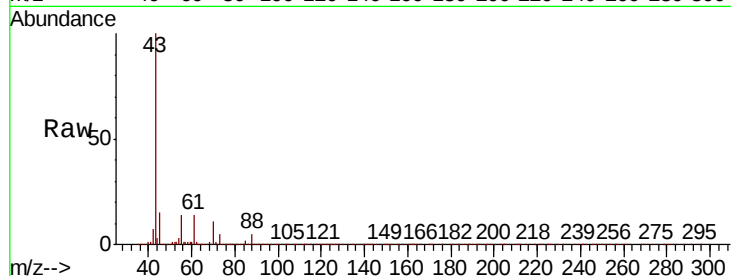
#37
Ethyl Acetate
Concen: 49.891 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	531361
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	10.6	8.6	12.8

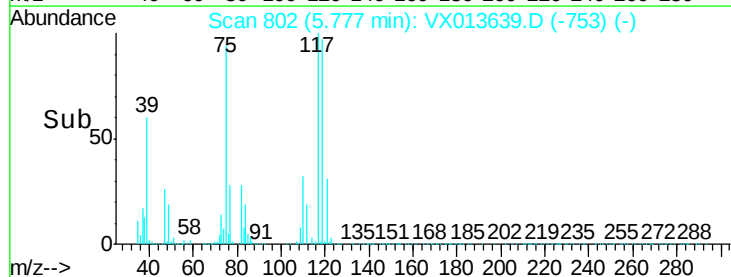
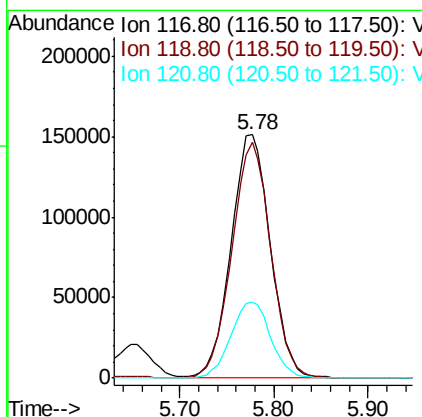
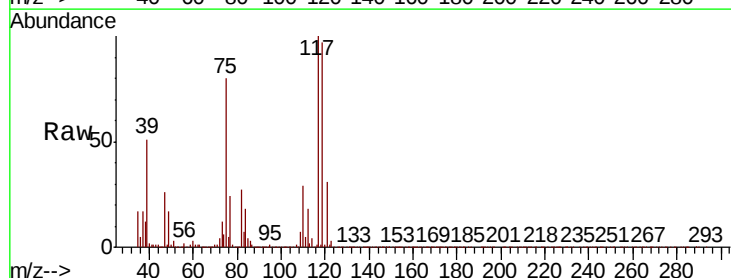
Manual Integrations
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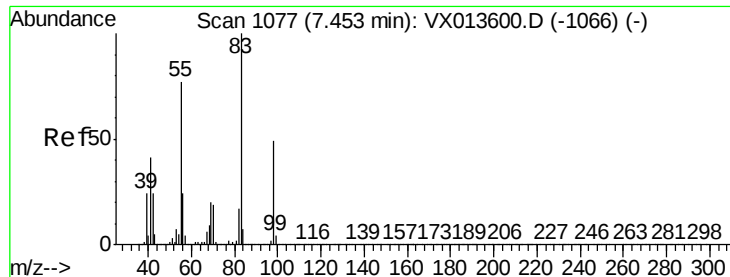
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#38
Carbon Tetrachloride
Concen: 50.126 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion:	117	Resp:	438797
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.5	116.3
121	30.9	25.0	37.6





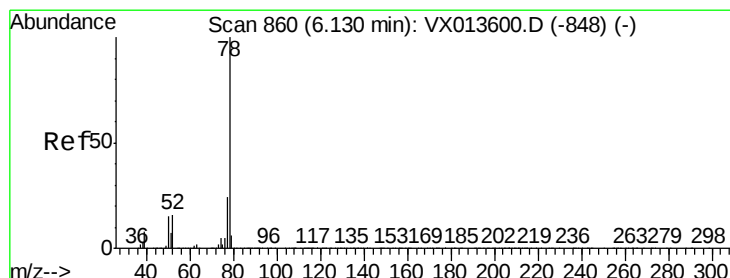
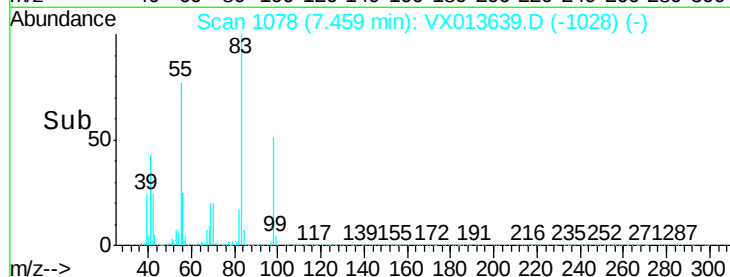
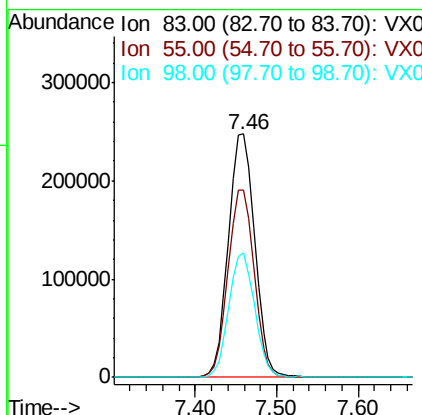
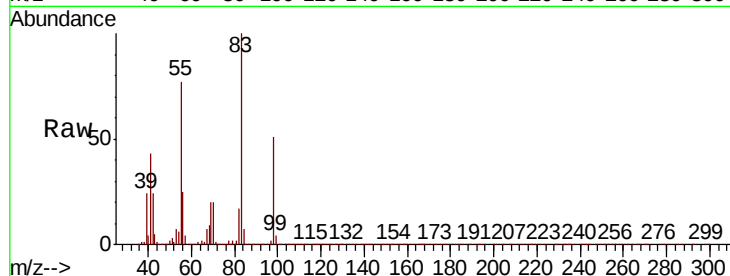
#39
Methvlcvclohexane
Concen: 47.137 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.9	92.9
98	51.1	39.4	59.0

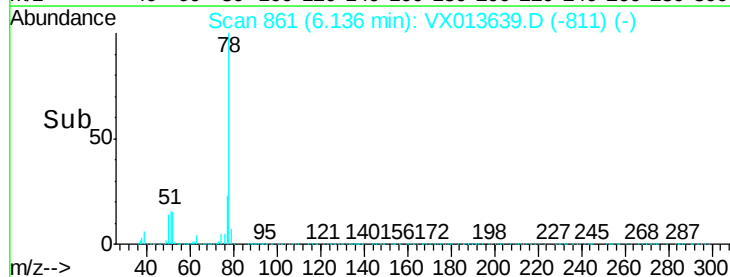
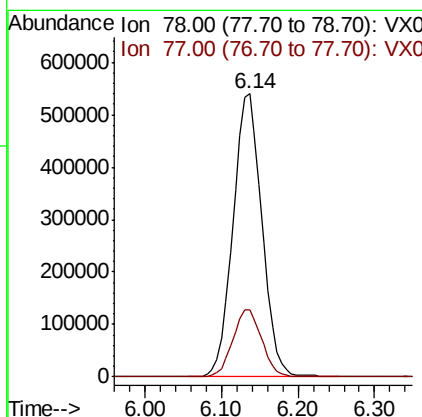
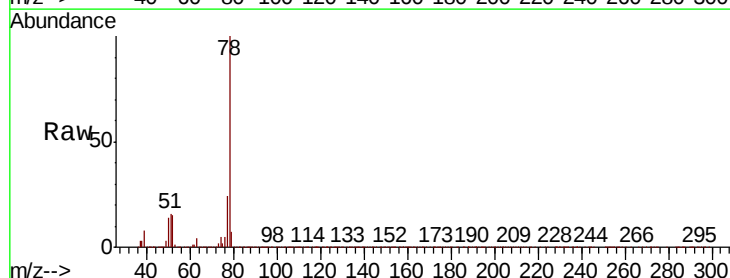
Manual Integrations
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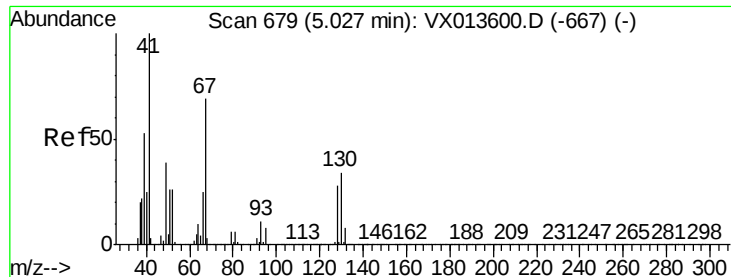
apatel
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#40
Benzene
Concen: 48.763 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





#41

Methacrylonitrile

Concen: 50.909 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013639.D

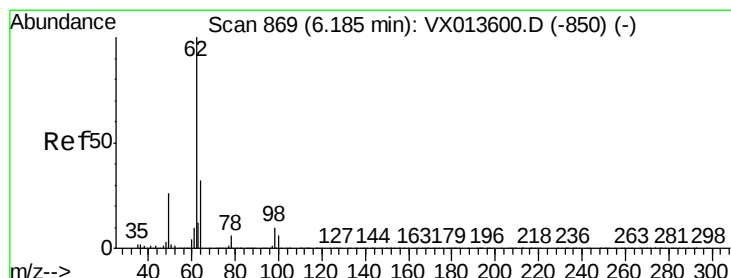
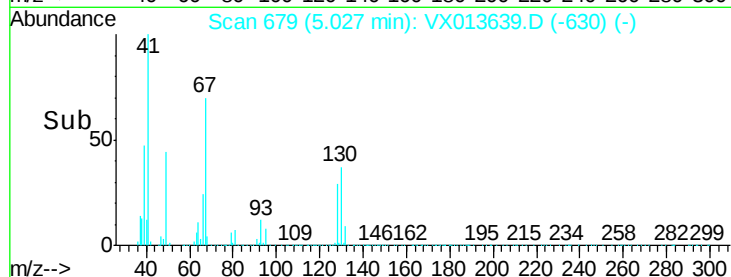
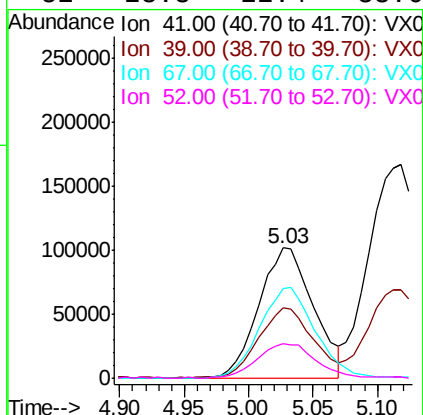
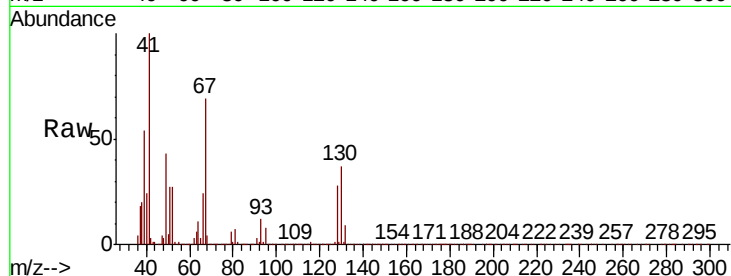
Acq: 27 Nov 2019 07:45

Tot Ion	Ion	Ratio	Lower	Upper
297352	41	100		
	39	53.4	42.9	64.3
	67	71.7	57.4	86.0
	52	28.3	22.4	33.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.875 ug/l

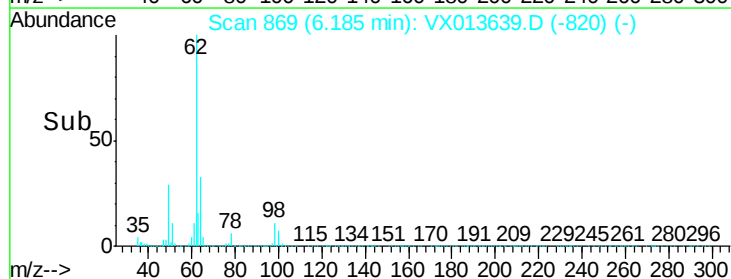
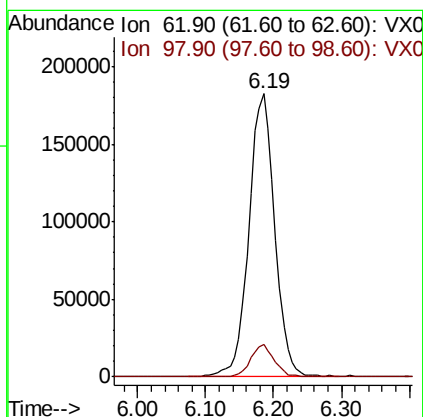
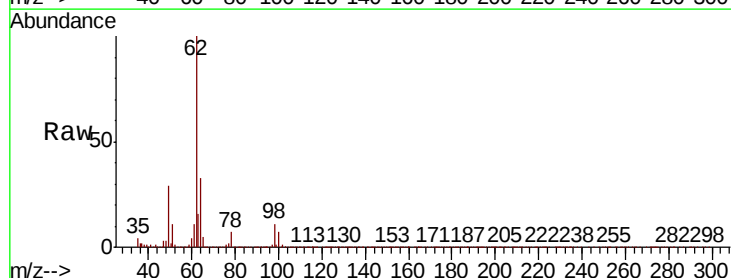
RT: 6.19 min Scan# 869

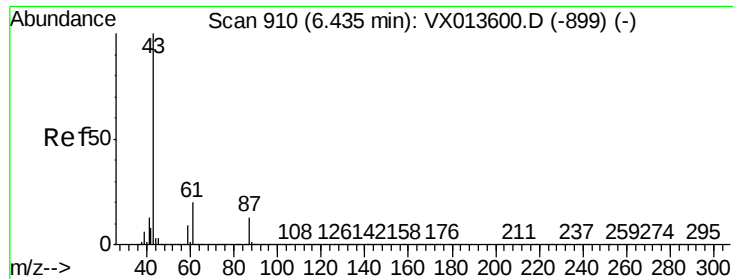
Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Tgt Ion	Ion	Ratio	Lower	Upper
481960	62	100		
	98	10.2	0.0	20.8





#43

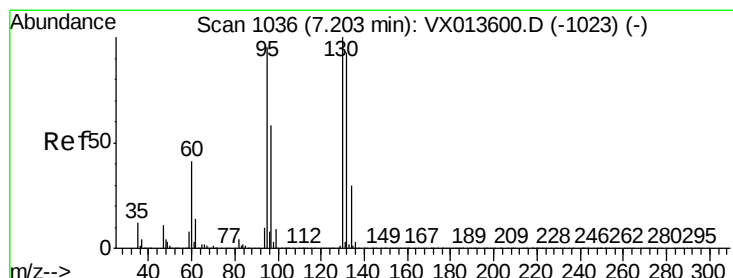
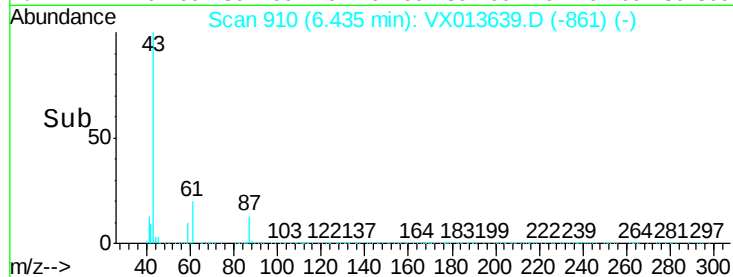
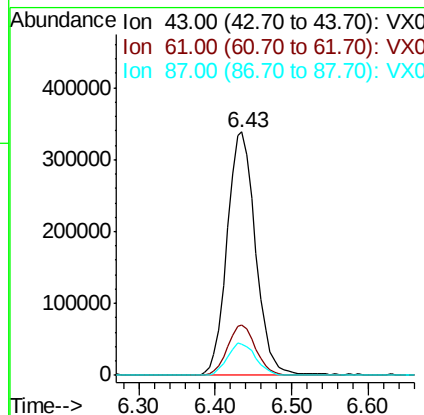
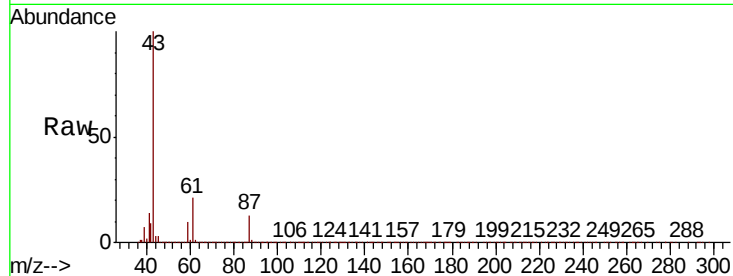
Isopropyl Acetate
 Concen: 49.372 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013639.D
 Acq: 27 Nov 2019 07:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.3	24.5
87	13.0	10.8	16.2

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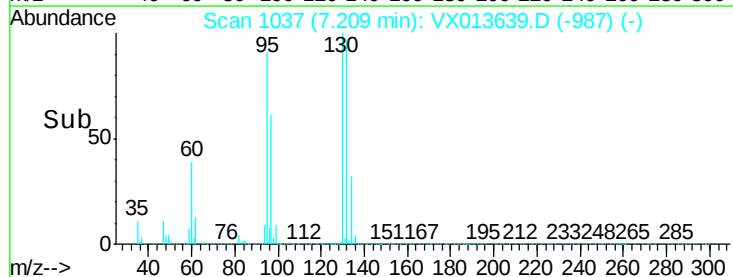
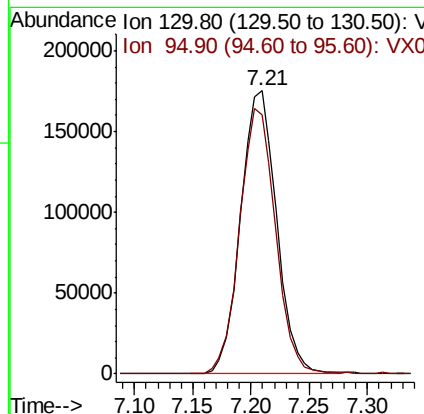
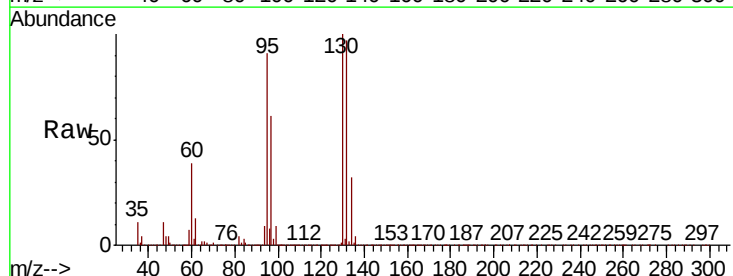
apatel
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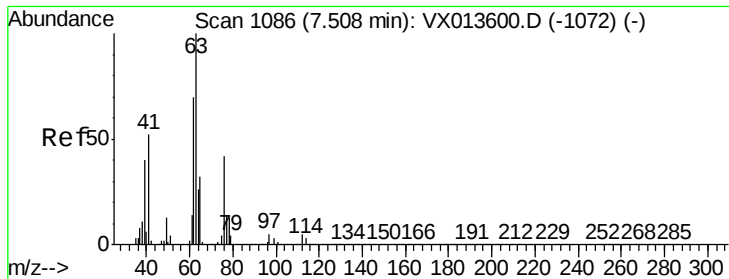


#44

Trichloroethene
 Concen: 47.630 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013639.D
 Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	190.8





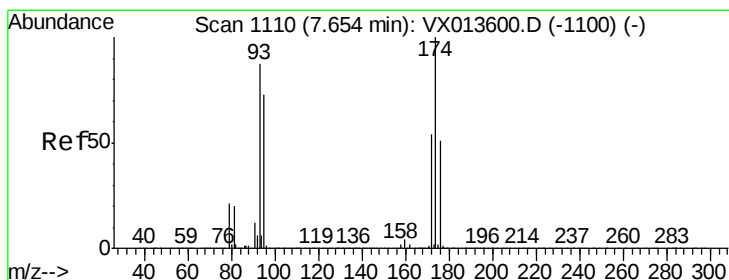
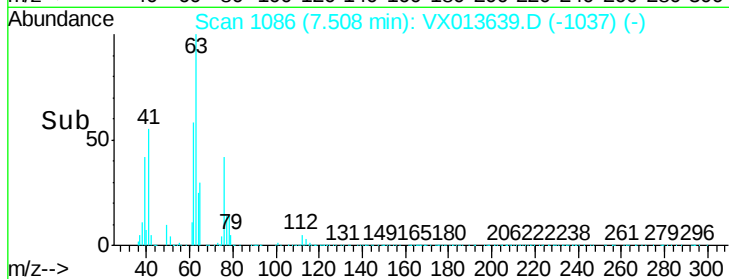
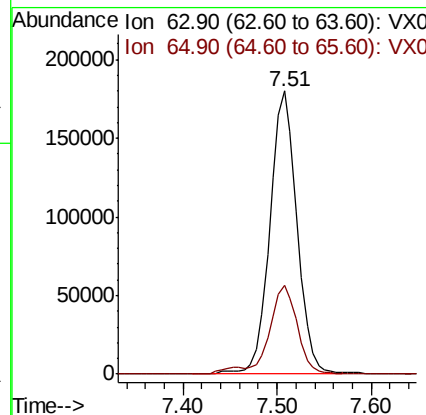
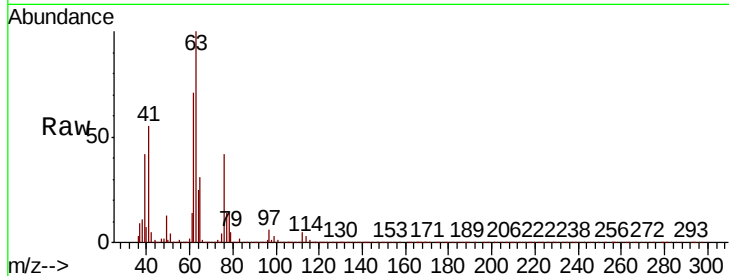
#45
 1,2-Dichloropropane
 Concen: 50.151 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013639.D
 Acq: 27 Nov 2019 07:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.5	38.3

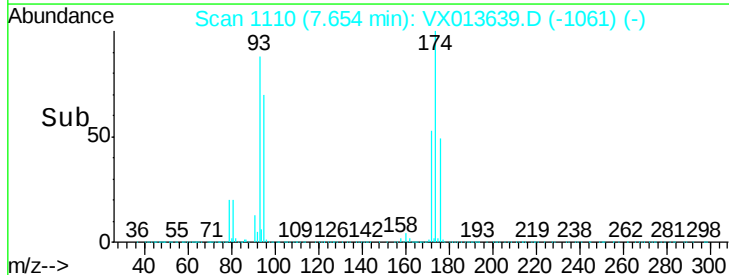
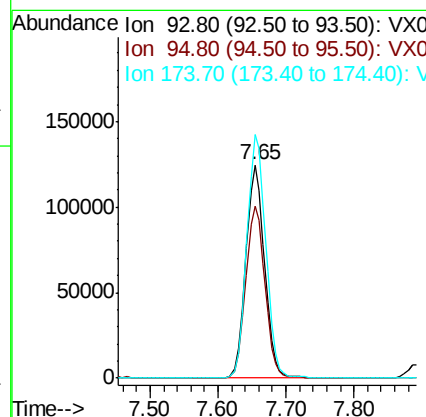
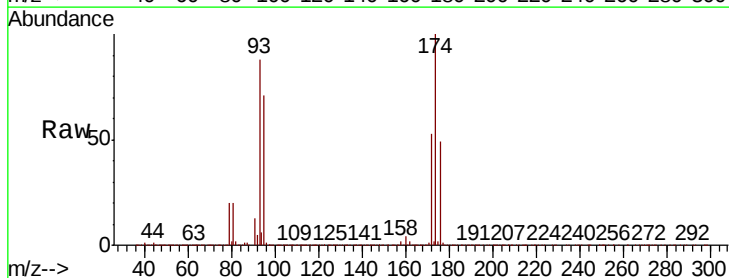
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#46
 Dibromomethane
 Concen: 48.429 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013639.D
 Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	66.2	99.2
174	115.7	93.4	140.0





#47

Bromodichloromethane

Concen: 49.947 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

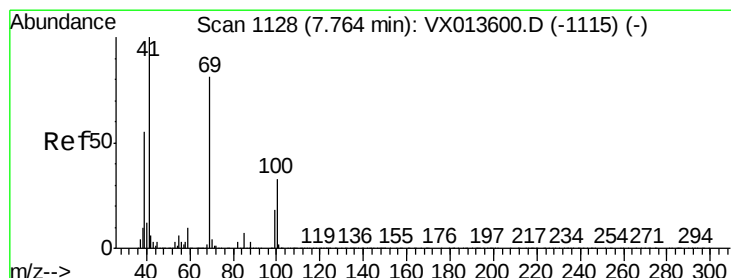
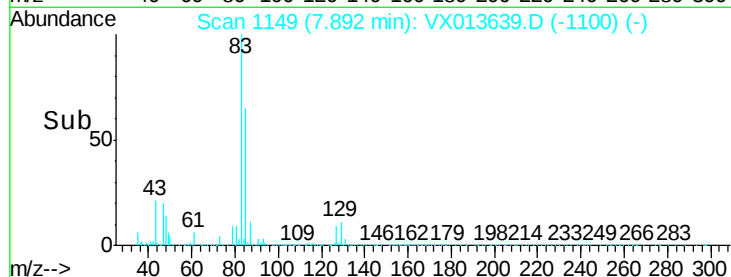
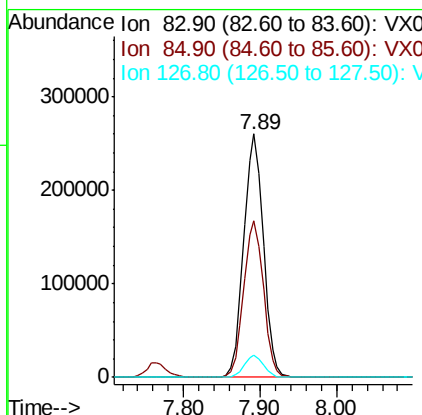
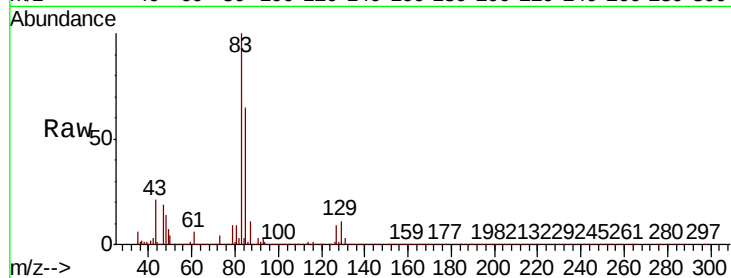
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	463938
Ion Ratio	Lower	Upper	
83	100		
85	64.5	52.1	78.1
127	9.1	7.0	10.4

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#48

Methyl methacrylate

Concen: 50.714 ug/l

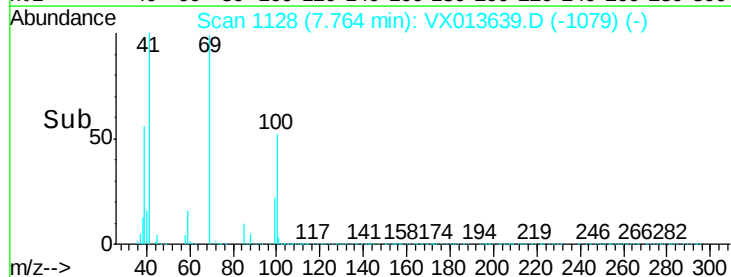
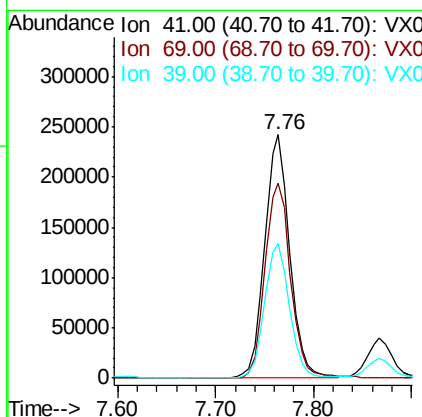
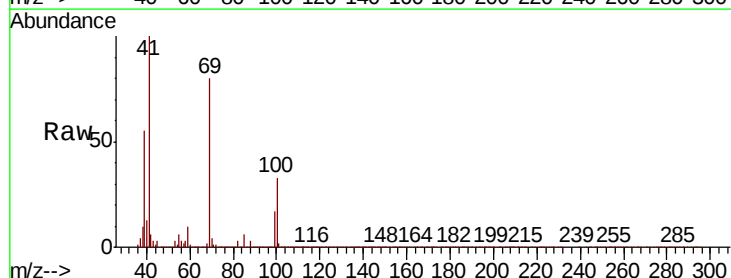
RT: 7.76 min Scan# 1128

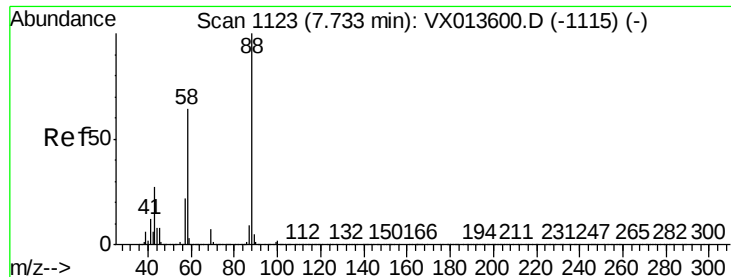
Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Tgt Ion:	41	Resp:	432050
Ion Ratio	Lower	Upper	
41	100		
69	82.5	64.7	97.1
39	55.5	43.8	65.6





#49

1,4-Dioxane

Concen: 952.206 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

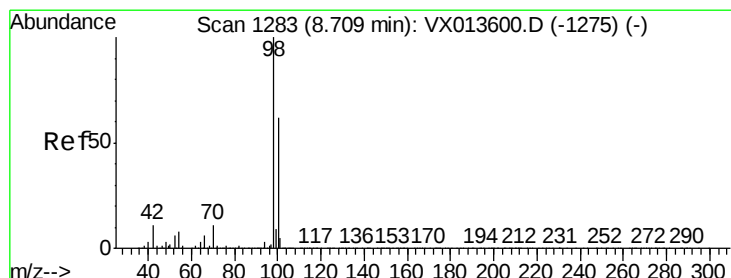
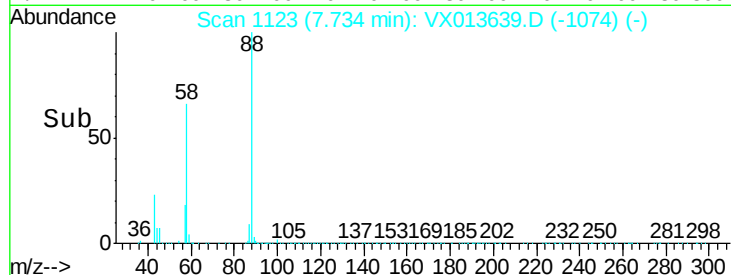
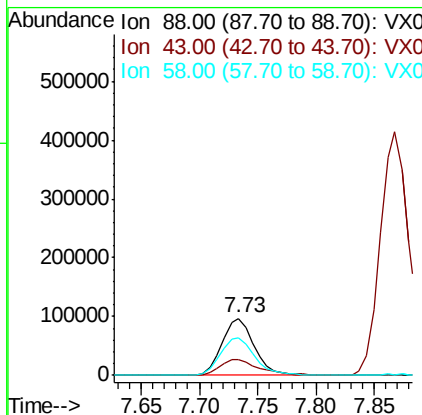
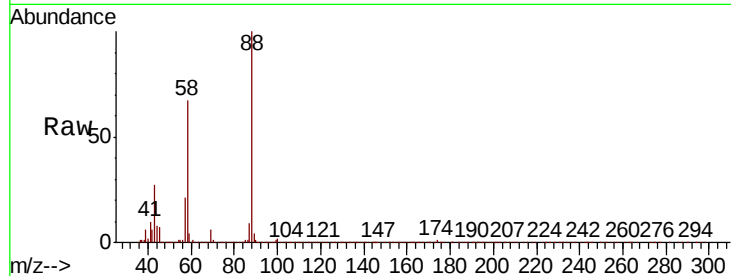
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	181581
Ion Ratio		Lower	Upper
88	100		
43	33.7	25.8	38.6
58	71.4	54.6	82.0

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#50

Toluene-d8

Concen: 46.945 ug/l

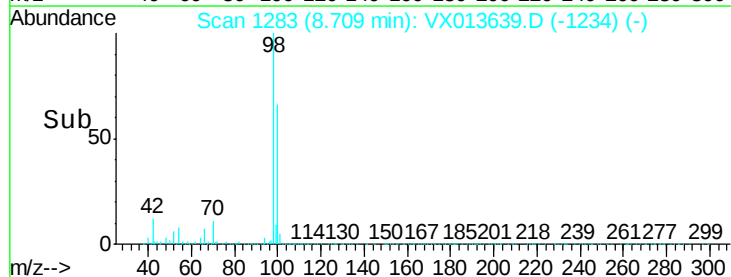
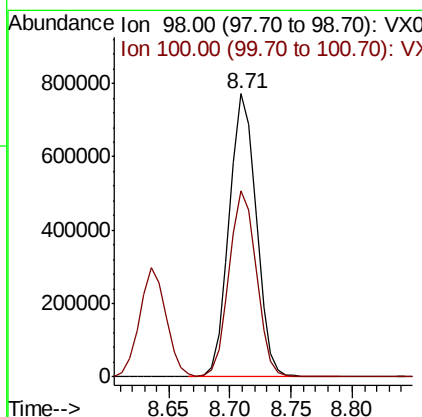
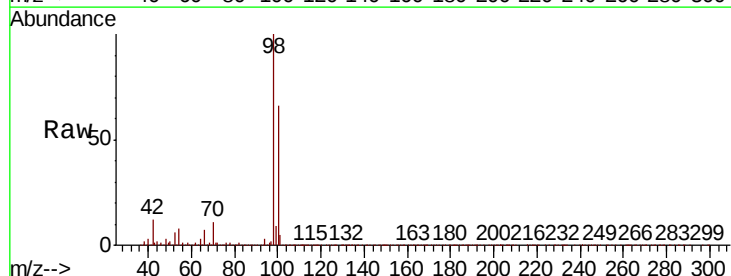
RT: 8.71 min Scan# 1283

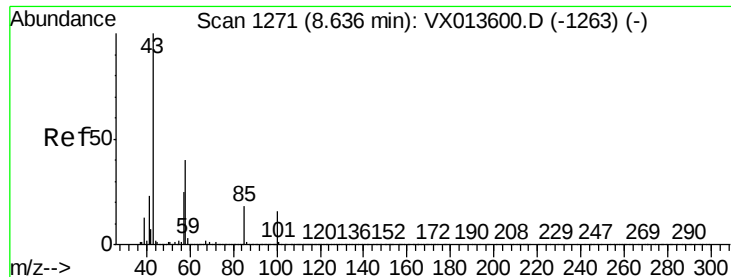
Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Tgt Ion:	98	Resp:	1182564
Ion Ratio		Lower	Upper
98	100		
100	66.0	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 246.834 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2722389

Ion Ratio Lower Upper

43 100

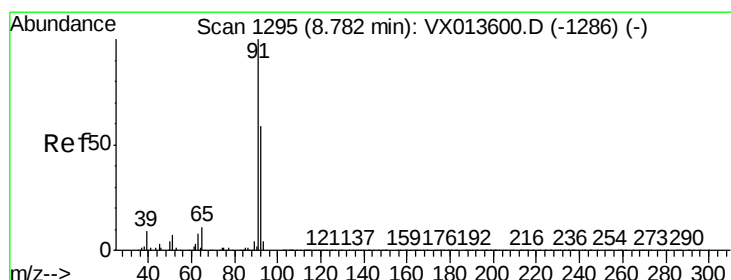
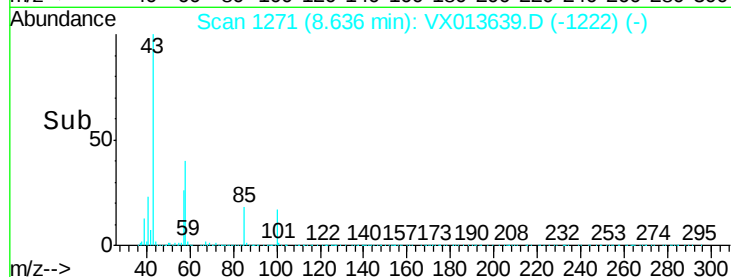
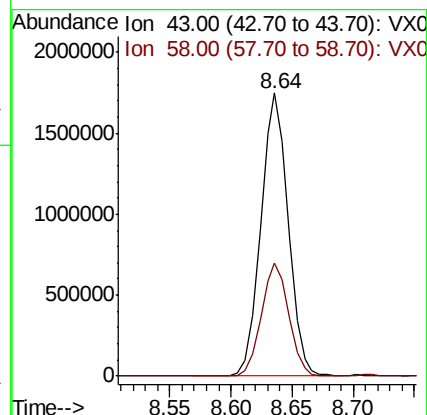
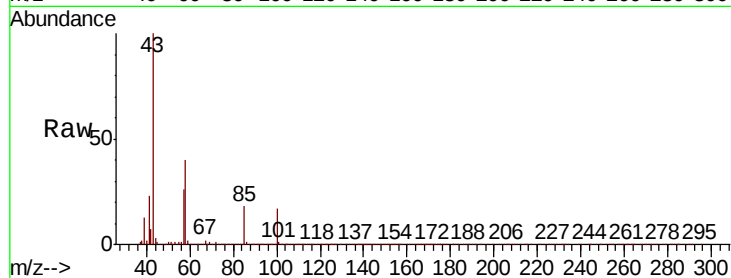
58 40.0 32.1 48.1

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#52

Toluene

Concen: 49.097 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013639.D

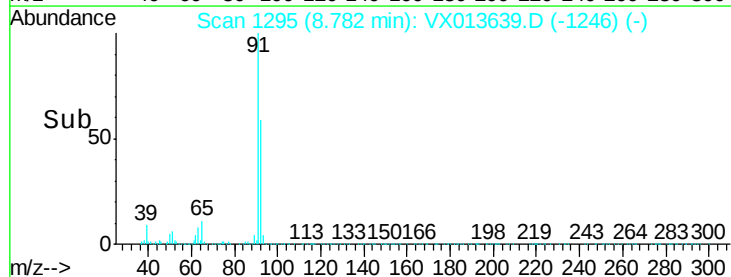
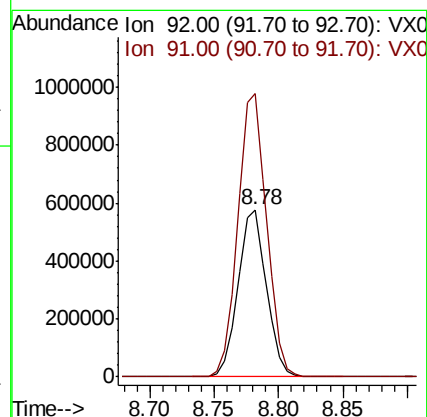
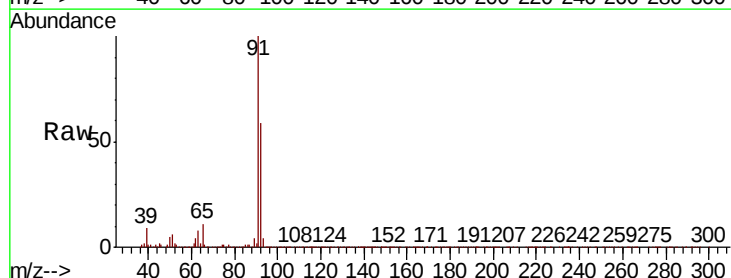
Acq: 27 Nov 2019 07:45

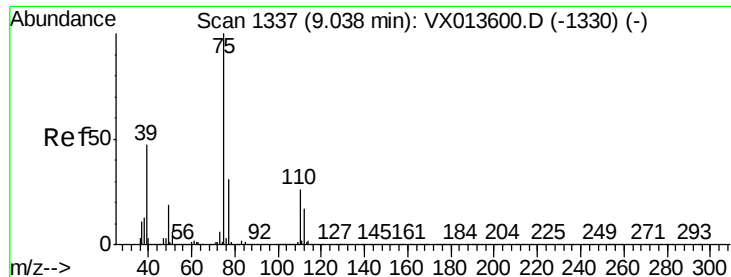
Tgt Ion: 92 Resp: 881919

Ion Ratio Lower Upper

92 100

91 172.0 136.2 204.2





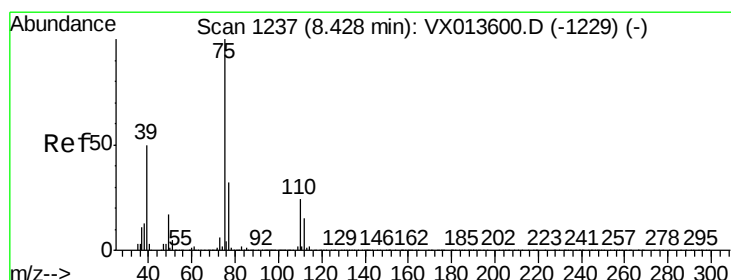
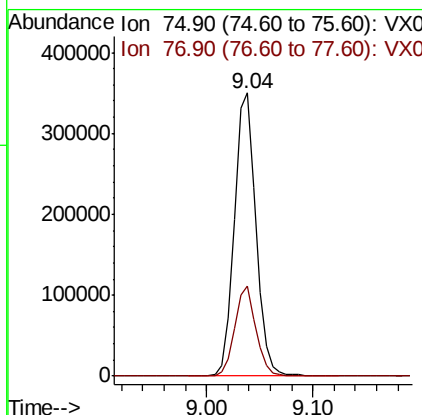
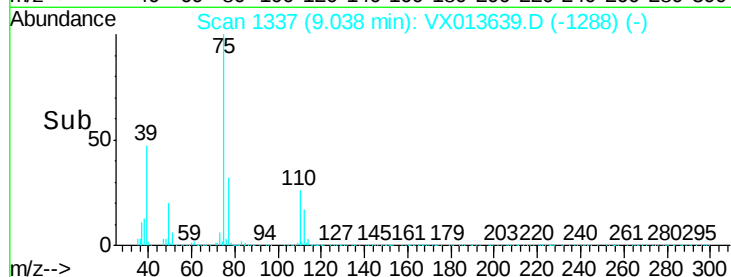
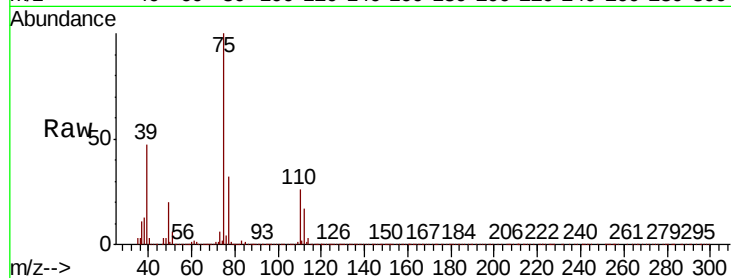
#53
t-1,3-Dichloropropene
Concen: 47.118 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 498159
Ion Ratio Lower Upper
75 100
77 31.7 24.4 36.6

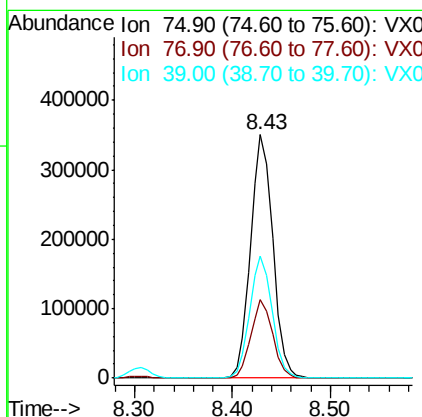
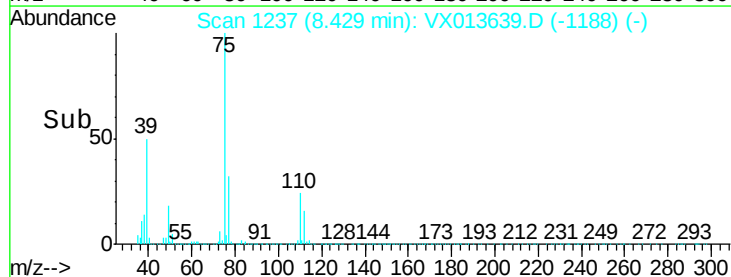
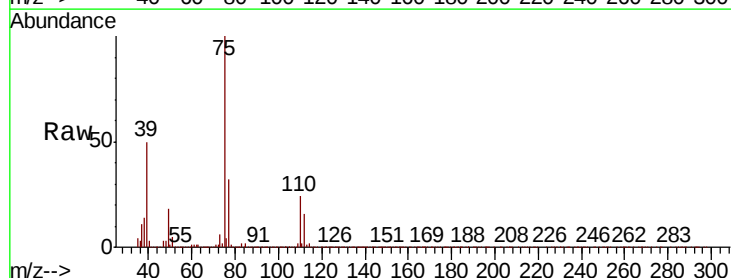
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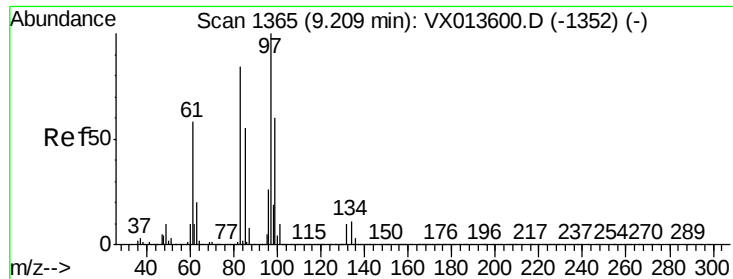
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#54
cis-1,3-Dichloropropene
Concen: 47.971 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion: 75 Resp: 554108
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6
39 50.1 39.9 59.9





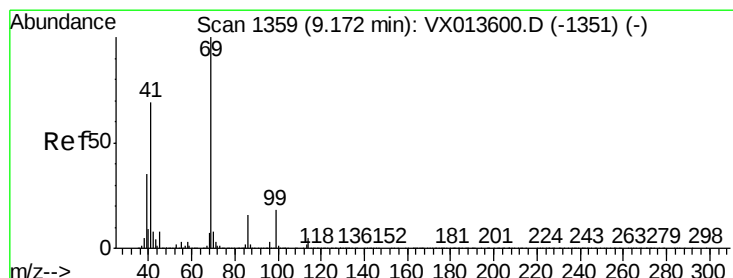
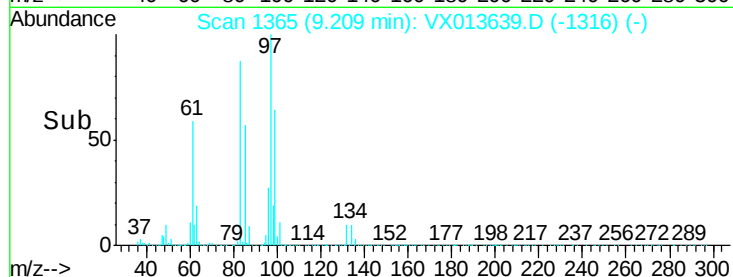
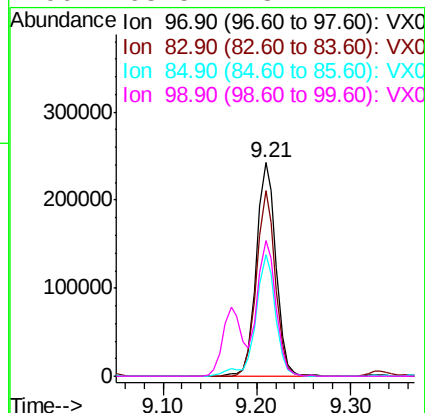
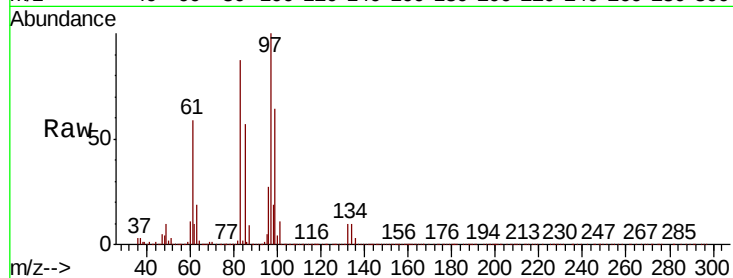
#55
 1,1,2-Trichloroethane
 Concen: 49.424 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013639.D
 Acq: 27 Nov 2019 07:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		357763		
83	86.5	67.3	100.9		
85	56.7	43.6	65.4		
99	63.5	48.2	72.4		

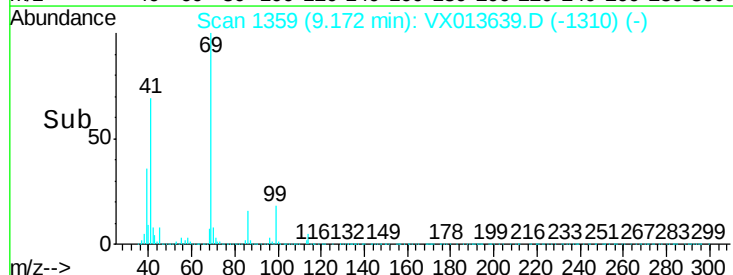
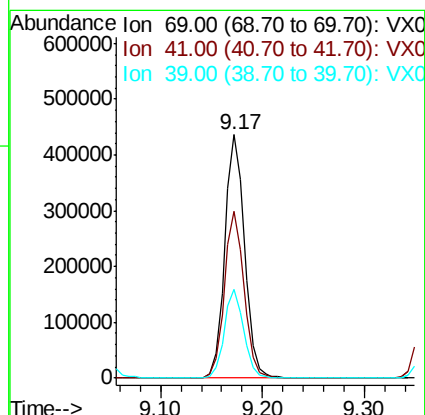
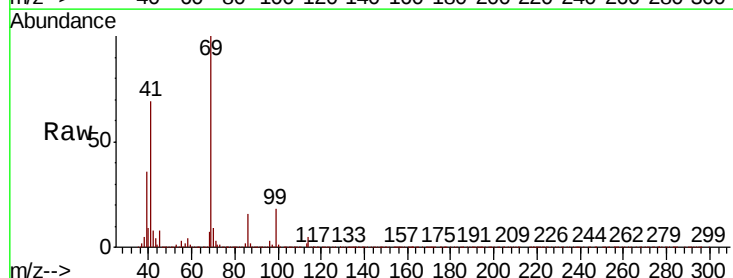
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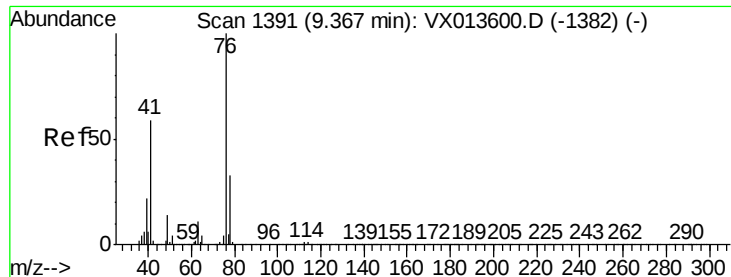
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#56
 Ethyl methacrylate
 Concen: 50.438 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013639.D
 Acq: 27 Nov 2019 07:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		586992		
41	68.2	55.0	82.4		
39	35.5	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 48.696 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 607587

Ion Ratio Lower Upper

76 100

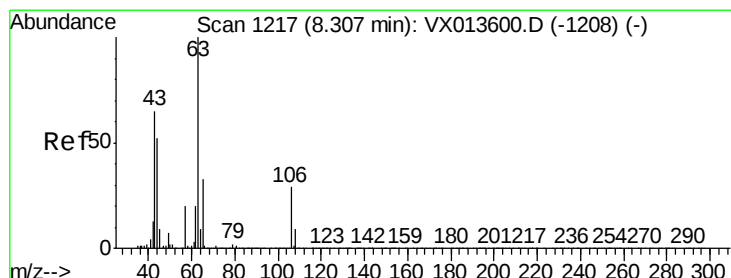
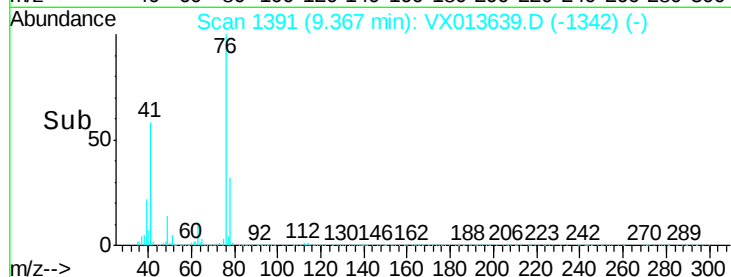
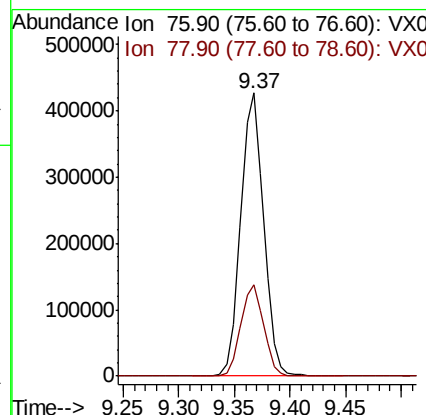
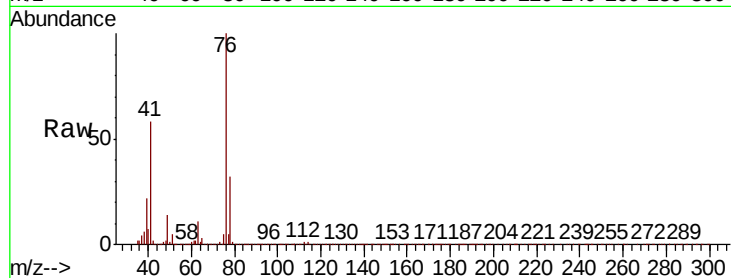
78 32.4 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 245.697 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013639.D

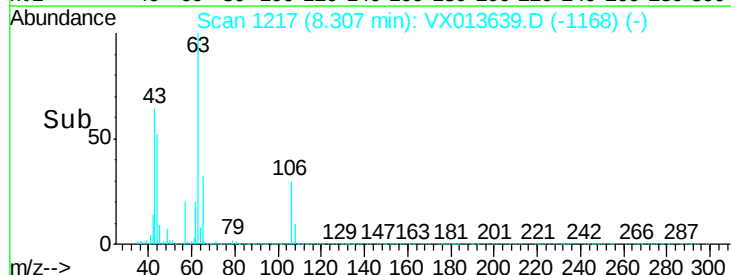
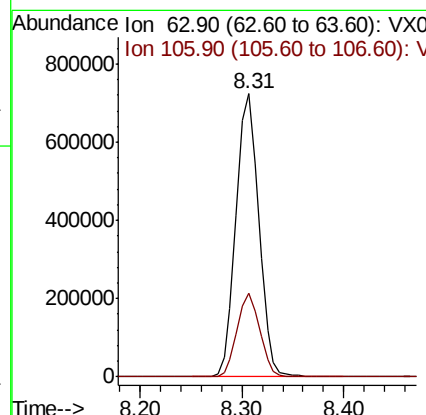
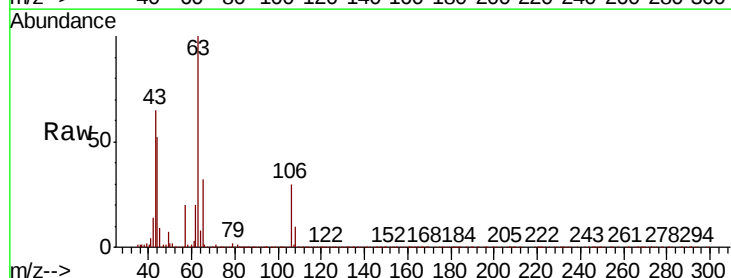
Acq: 27 Nov 2019 07:45

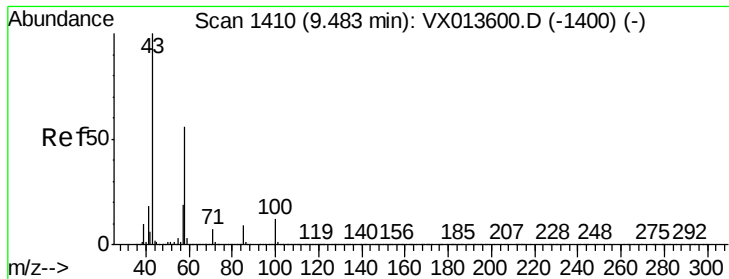
Tgt Ion: 63 Resp: 1121100

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.0





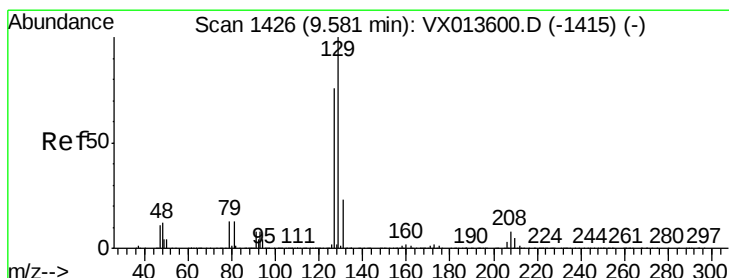
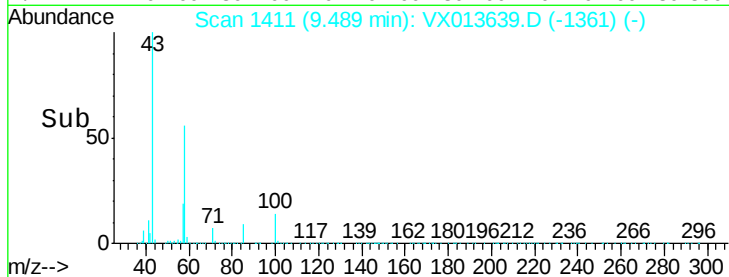
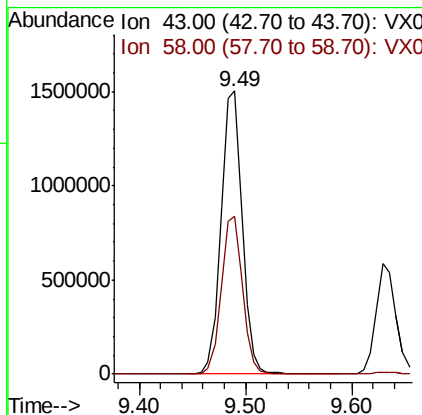
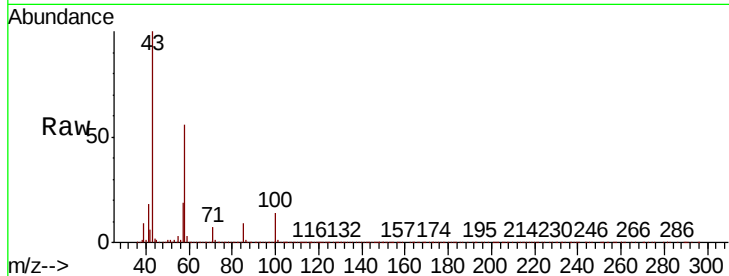
#59
2-Hexanone
Concen: 243.058 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2090779
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.4

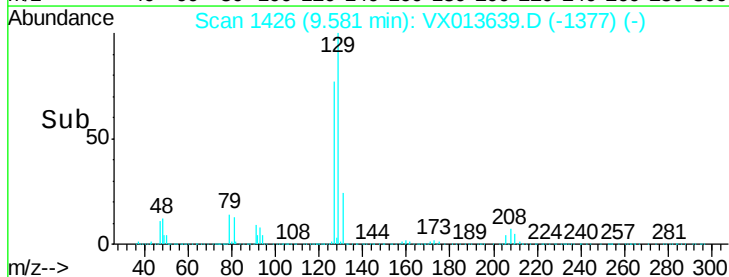
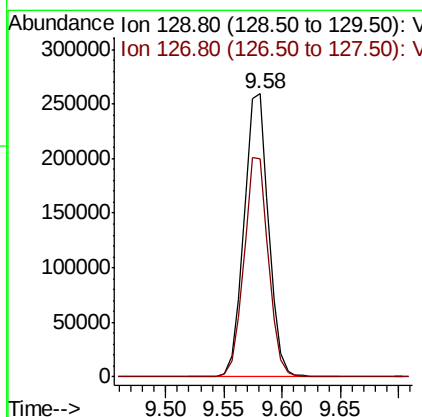
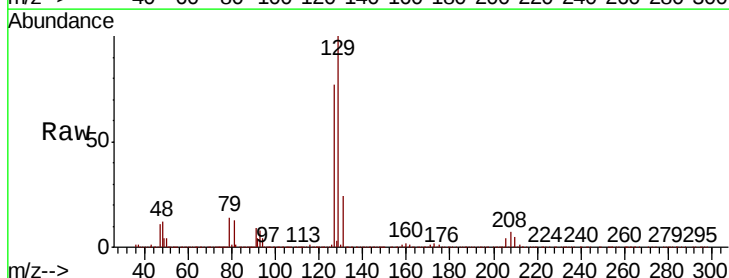
Manual Integrations
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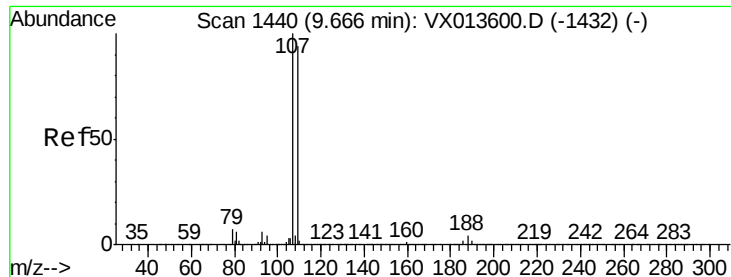
apatel
11/27/2019 4:29:14 PM



#60
Dibromochloromethane
Concen: 50.792 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion: 129 Resp: 381559
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.594 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 375693

Ion Ratio Lower Upper

107 100

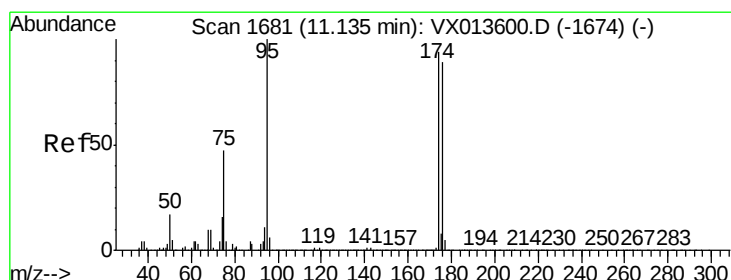
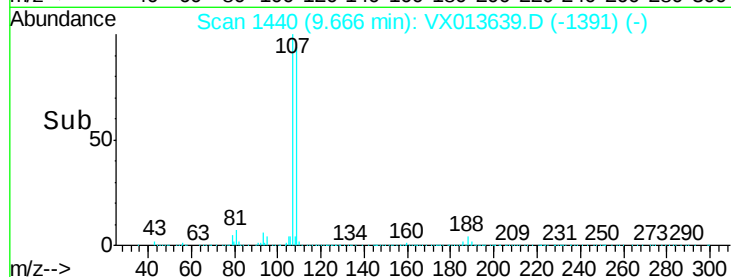
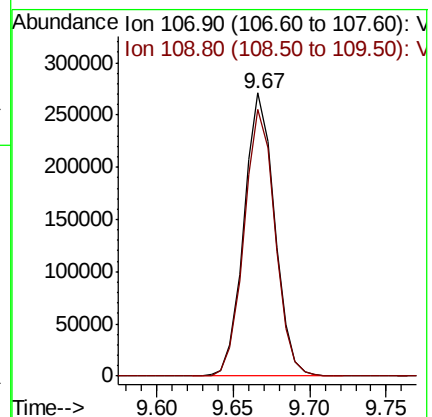
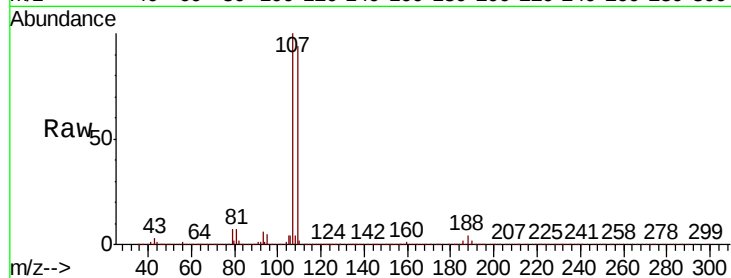
109 95.2 76.1 114.1

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 46.697 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

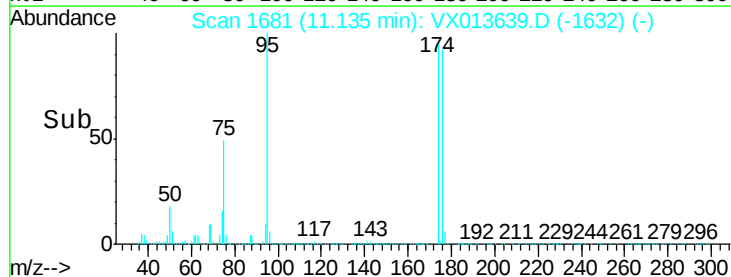
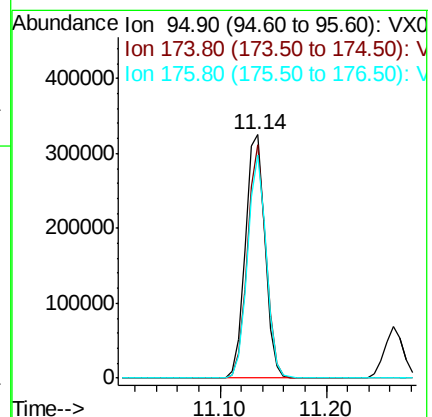
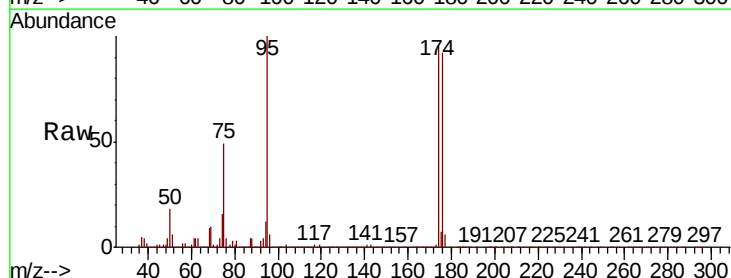
Tgt Ion: 95 Resp: 424183

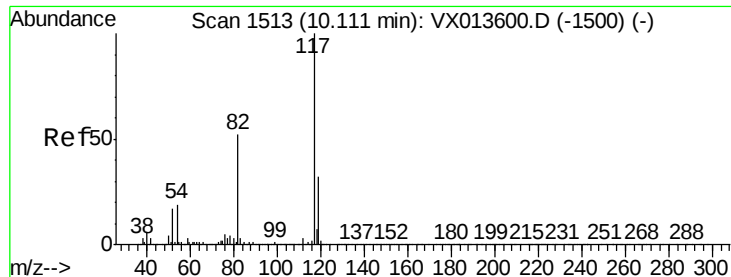
Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.0

176 86.6 0.0 173.6





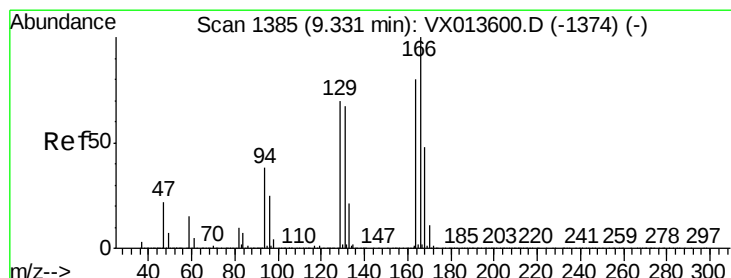
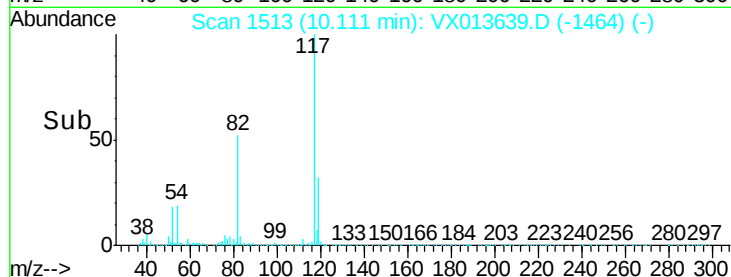
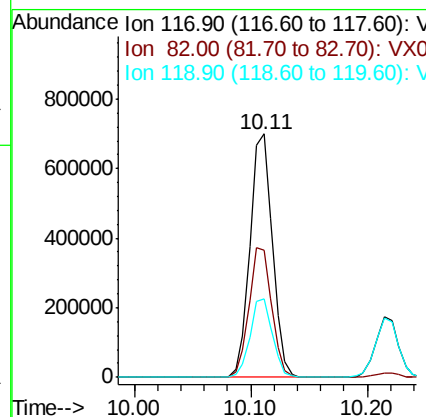
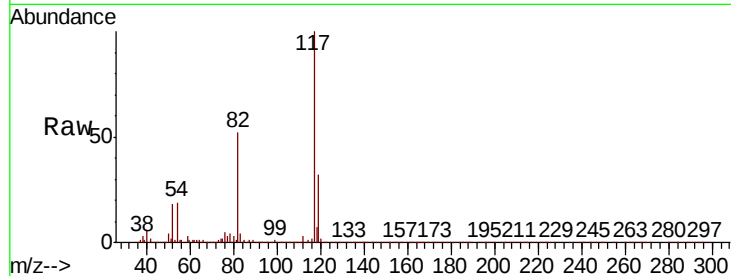
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.8	62.8
119	32.0	25.8	38.8

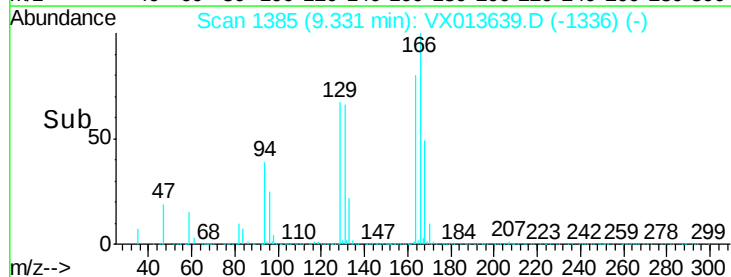
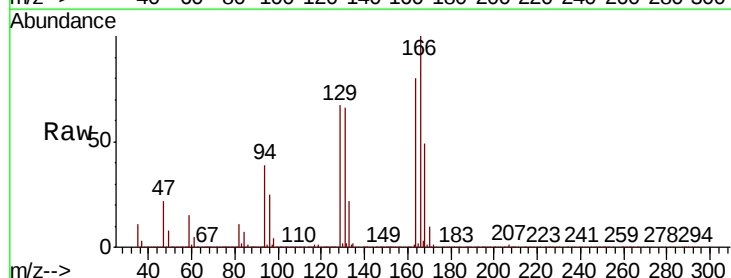
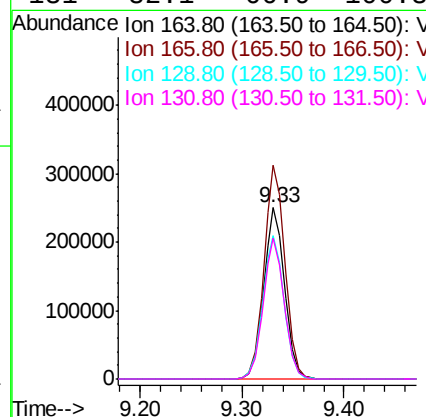
Manual Integrations
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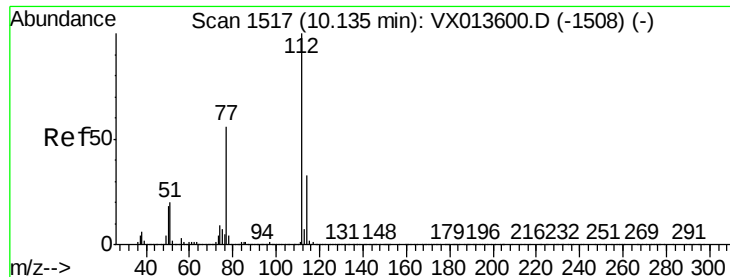
apatel
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#64
Tetrachloroethene
Concen: 50.685 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.8	99.7	149.5
129	83.7	70.1	105.1
131	82.1	66.9	100.3





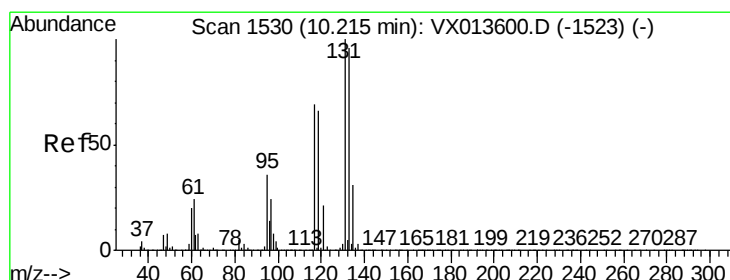
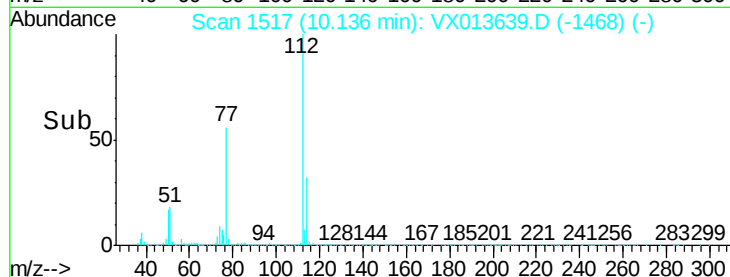
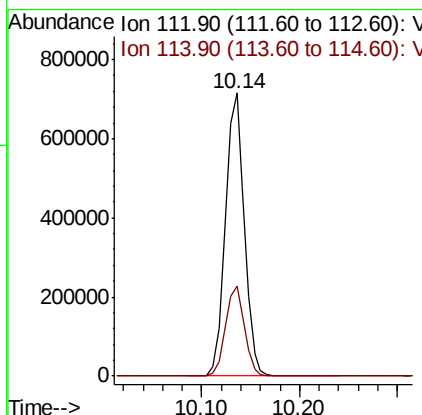
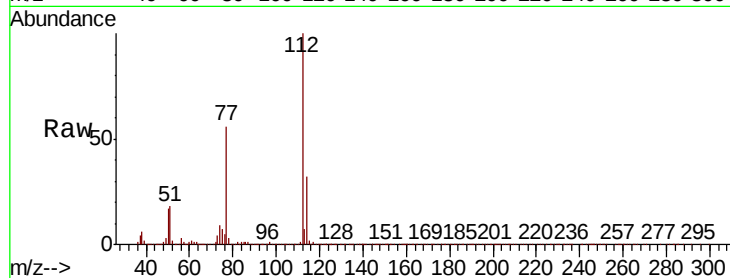
#65
Chlorobenzene
Concen: 48.633 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	26.1	39.1

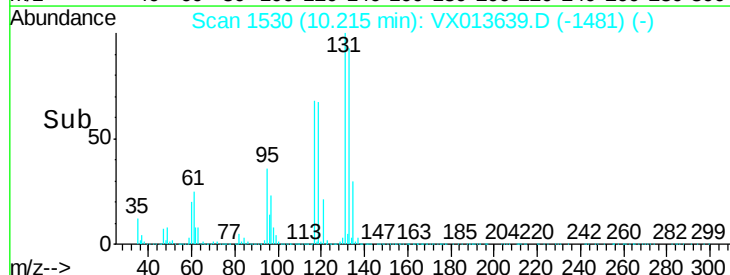
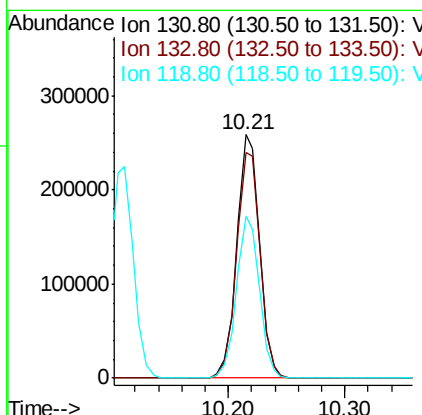
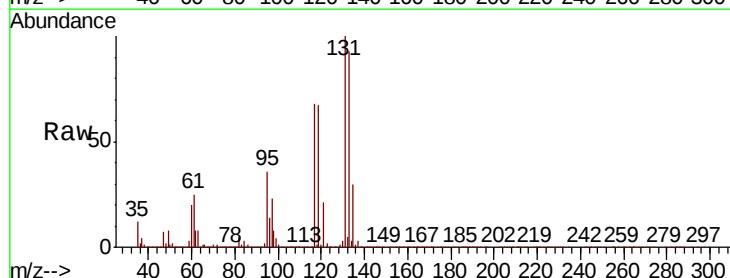
Manual Integrations
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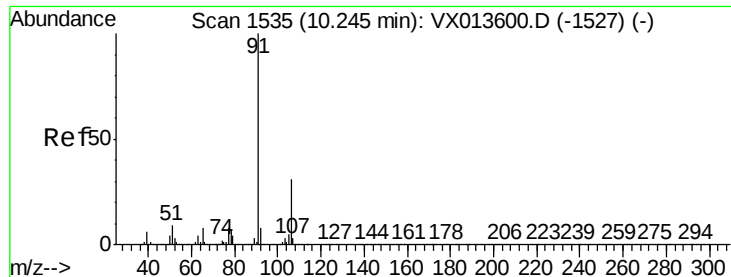
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.912 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.7	143.1
119	67.0	32.9	98.6





#67

Ethyl Benzene

Concen: 49.760 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1677428

Ion Ratio Lower Upper

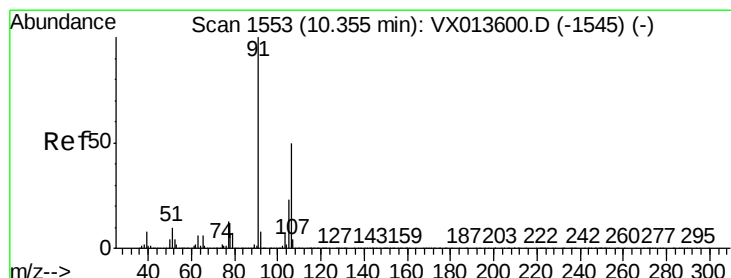
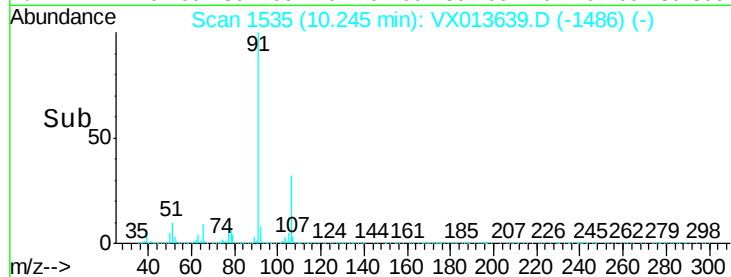
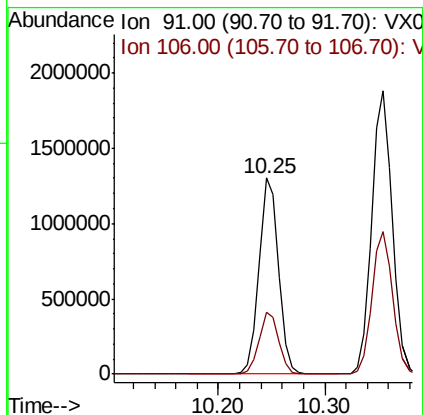
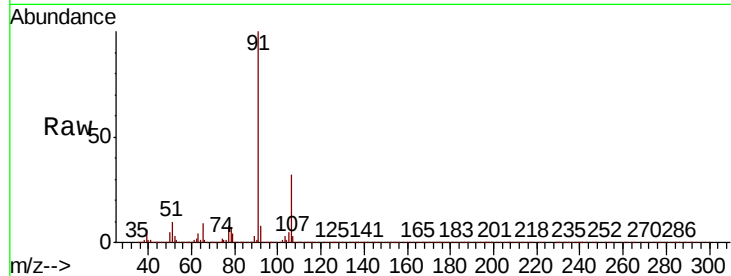
91 100

106 31.5 24.5 36.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 99.449 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013639.D

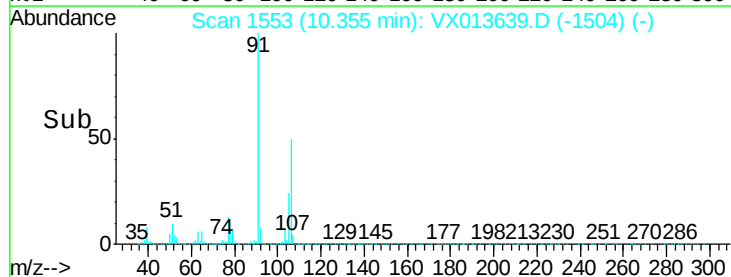
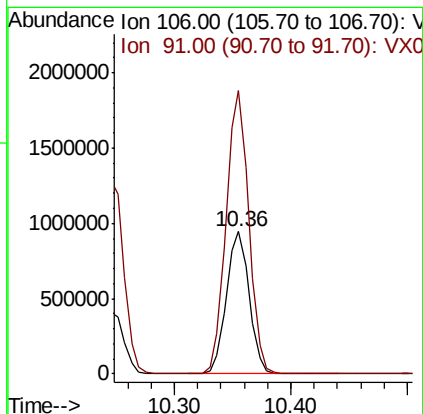
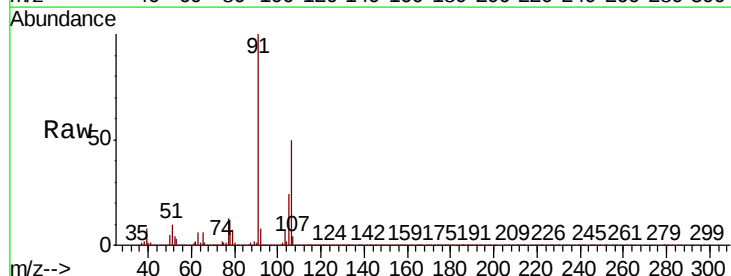
Acq: 27 Nov 2019 07:45

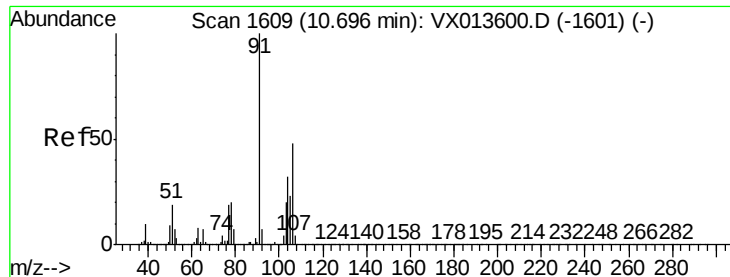
Tgt Ion: 106 Resp: 1283512

Ion Ratio Lower Upper

106 100

91 197.3 159.0 238.4





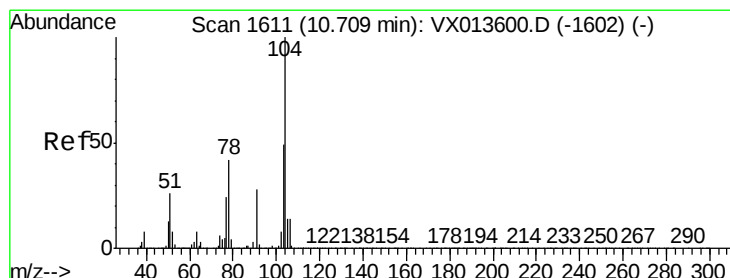
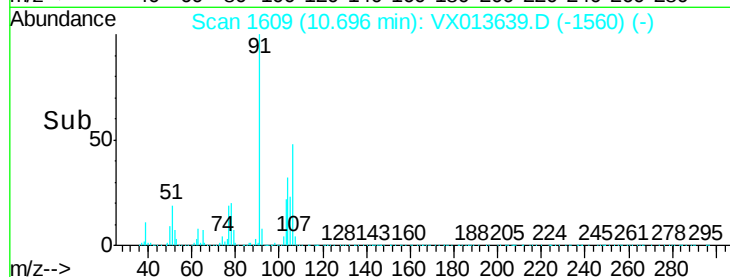
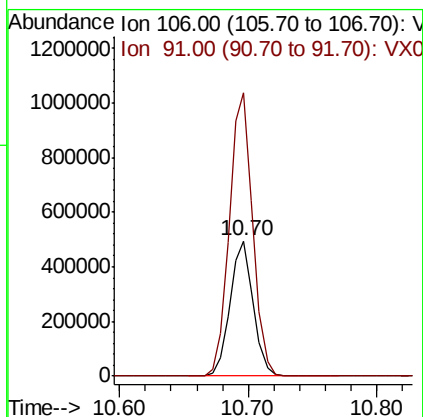
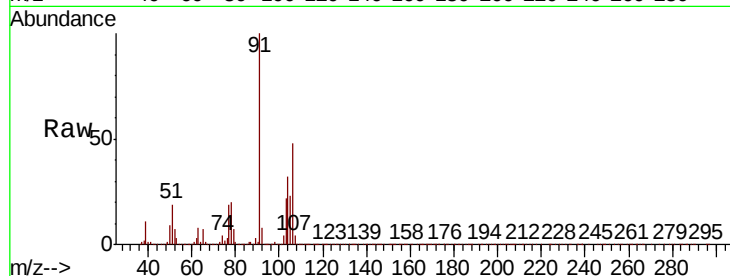
#69
o-Xylene
Concen: 49.263 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.7	104.1	312.2

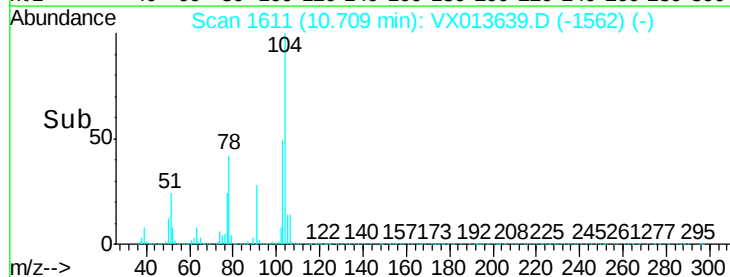
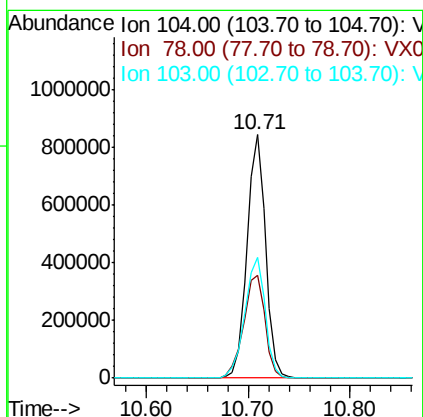
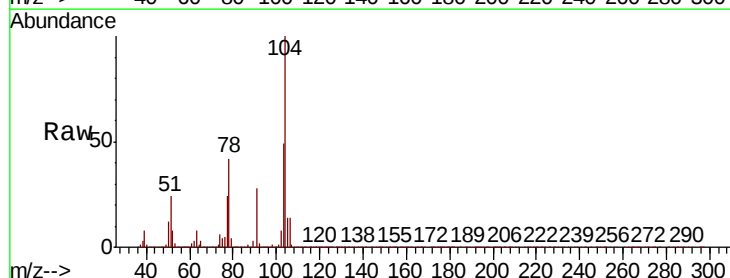
Manual Integrations
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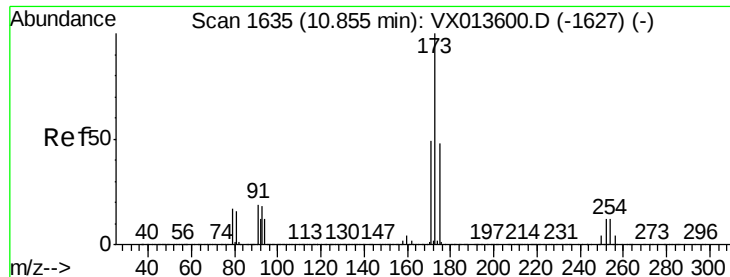
apatel
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#70
Styrene
Concen: 50.429 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.5	57.7
103	54.3	43.7	65.5





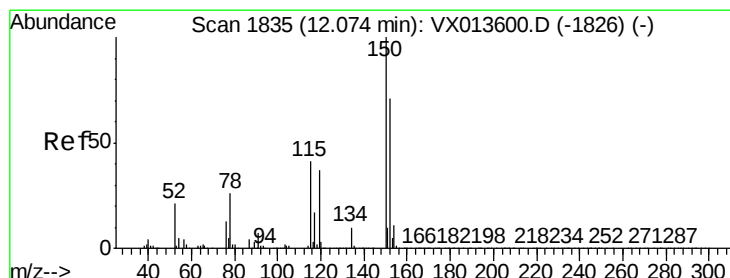
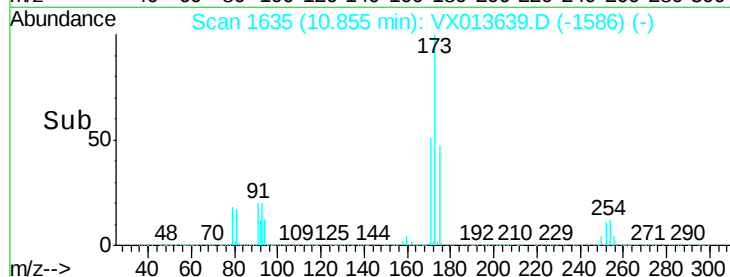
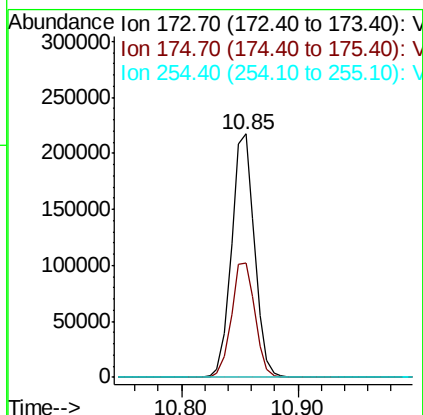
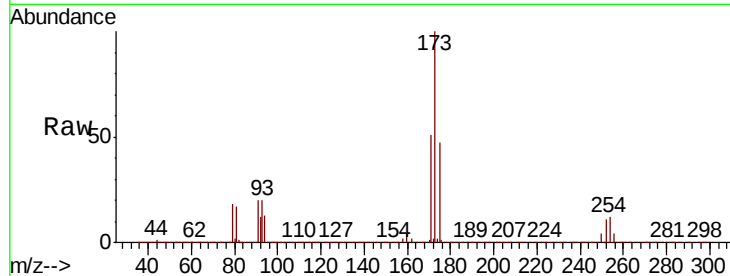
#71
Bromoform
Concen: 50.938 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.3	72.8
254	0.2	0.2	0.4

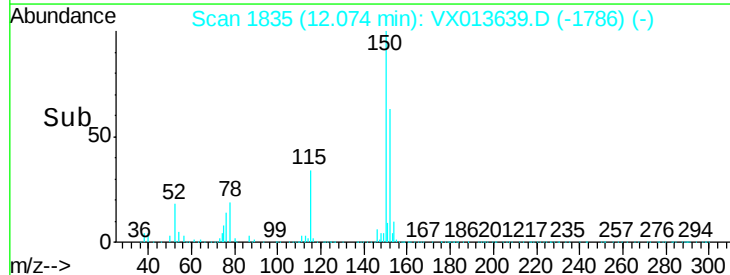
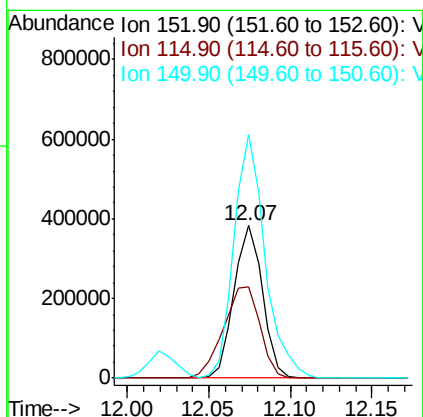
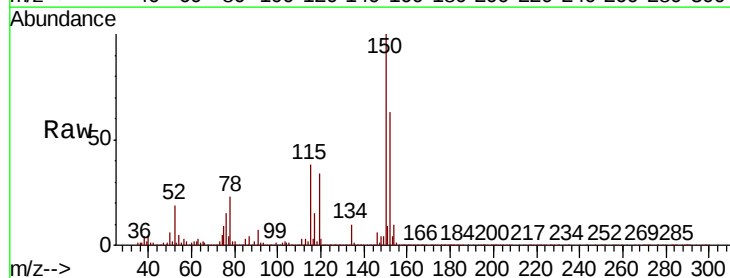
Manual Integrations
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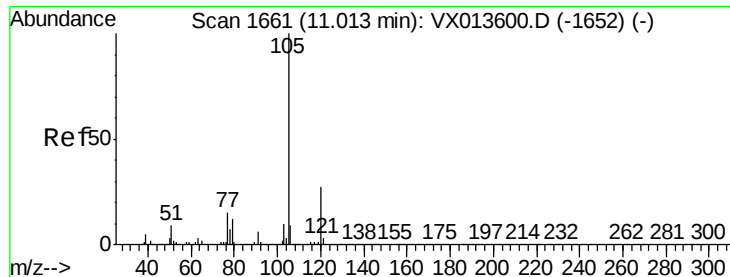
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.5	38.4	115.1
150	173.5	0.0	346.8





#73

Isopropylbenzene

Concen: 50.515 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1649950

Ion Ratio Lower Upper

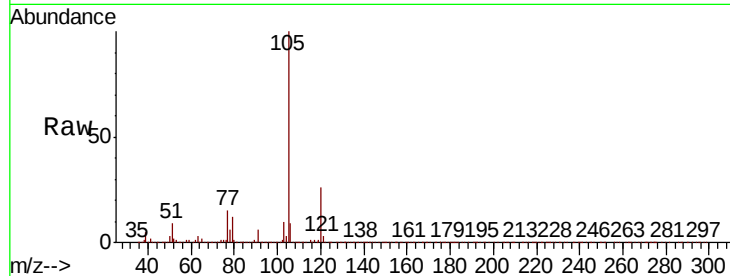
105 100

120 26.6 13.5 40.5

Manual Integrations
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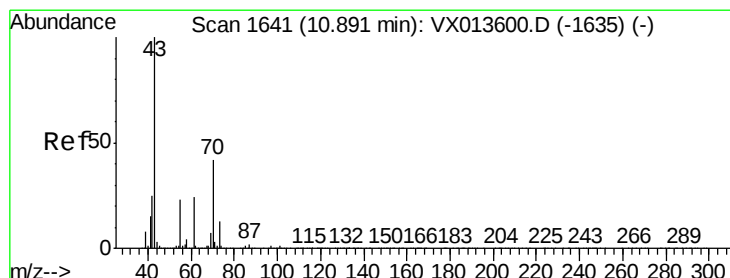
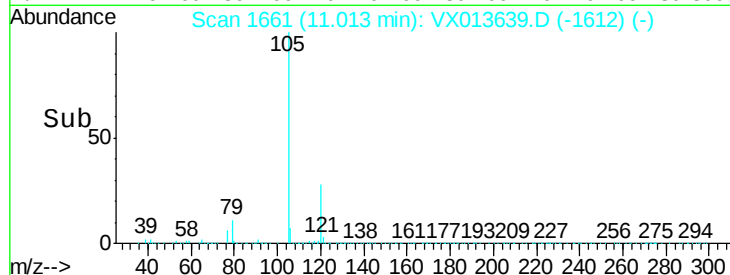
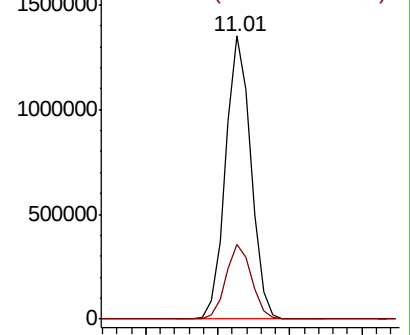
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.241 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Tgt Ion: 43 Resp: 766682

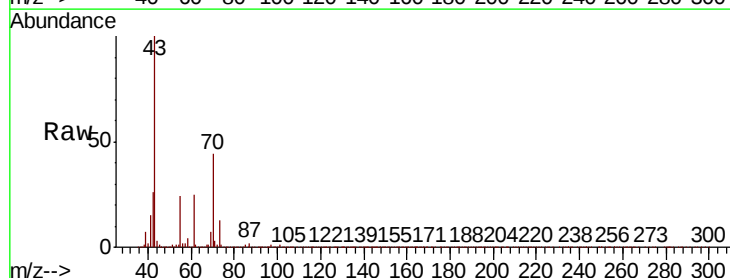
Ion Ratio Lower Upper

43 100

70 43.6 34.3 51.5

55 24.2 18.5 27.7

61 25.5 19.8 29.8

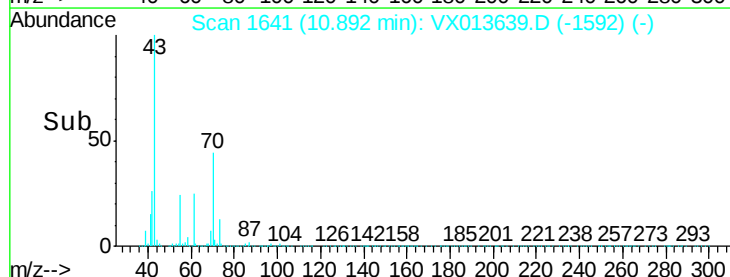
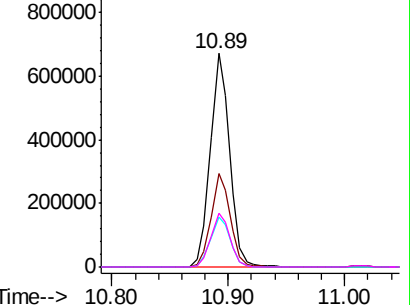


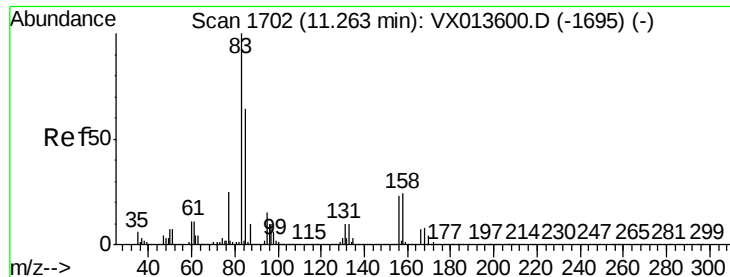
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.768 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

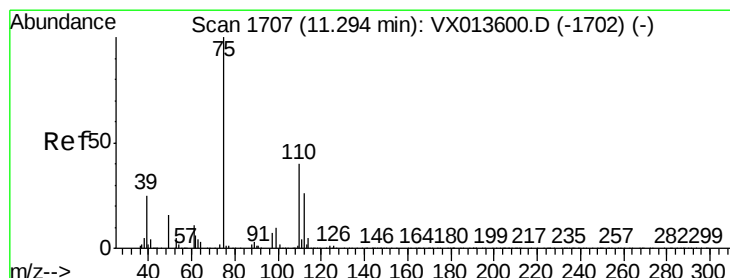
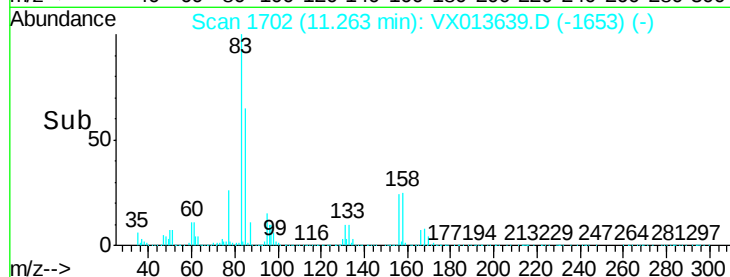
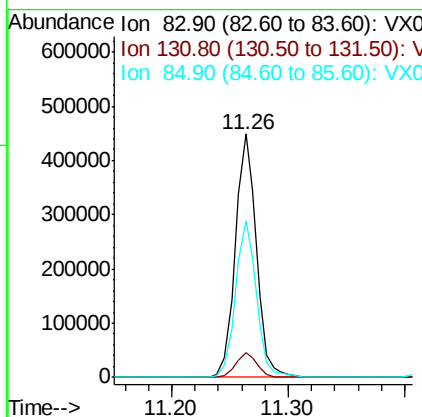
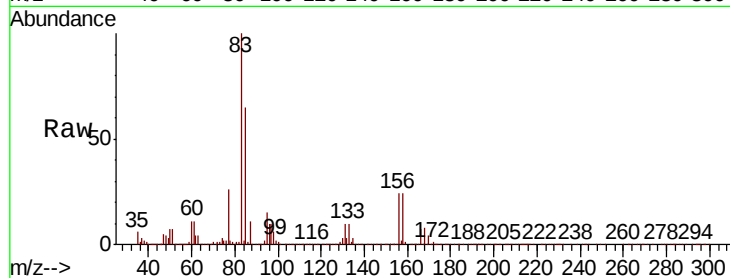
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	563737
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	64.5	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.357 ug/l m

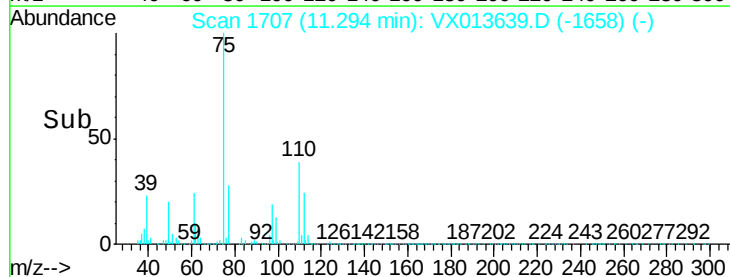
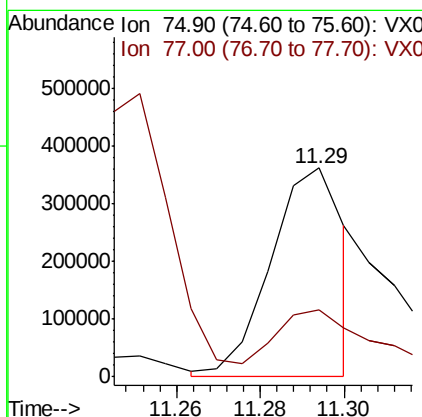
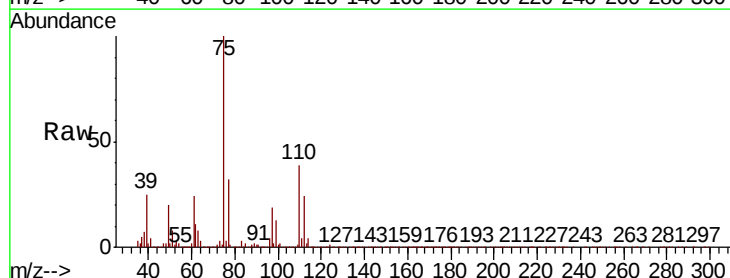
RT: 11.29 min Scan# 1707

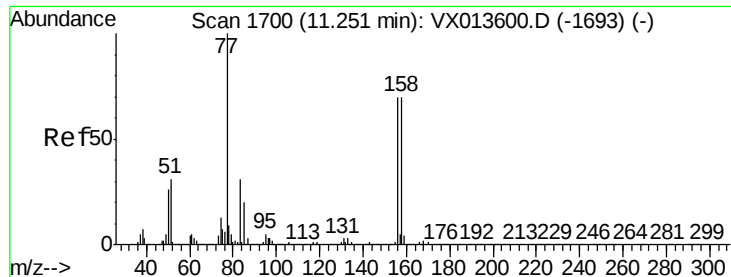
Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Tgt Ion:	75	Resp:	443599
Ion Ratio	Lower	Upper	
75	100		
77	43.8	19.1	57.5





#77

Bromobenzene

Concen: 49.301 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

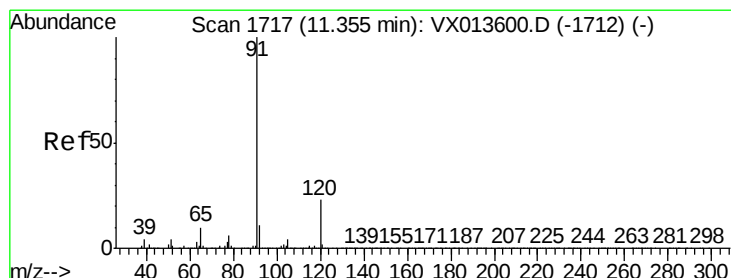
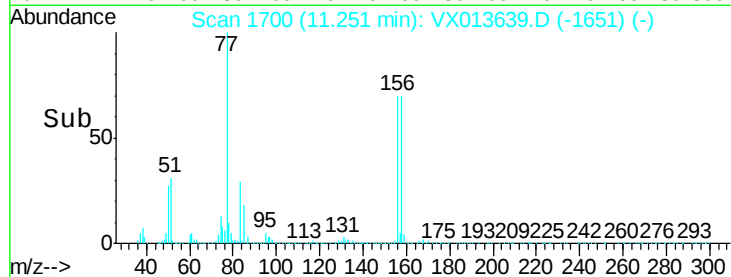
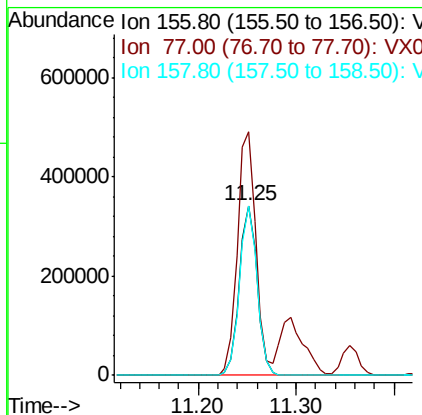
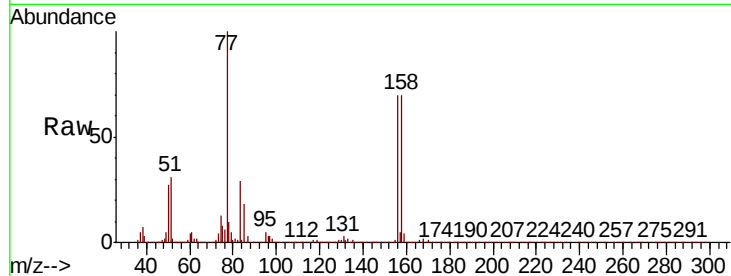
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	435027
Ion Ratio	Lower	Upper	
156	100		
77	148.6	74.4	223.1
158	98.2	48.9	146.6

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#78

n-propylbenzene

Concen: 50.491 ug/l

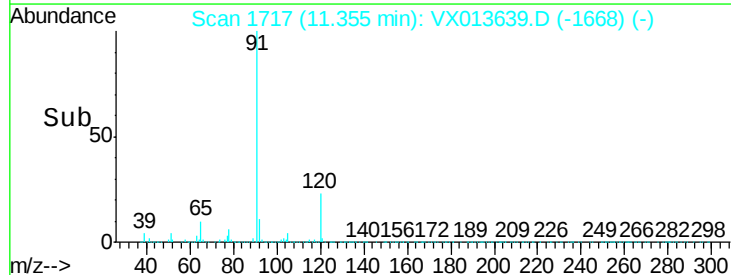
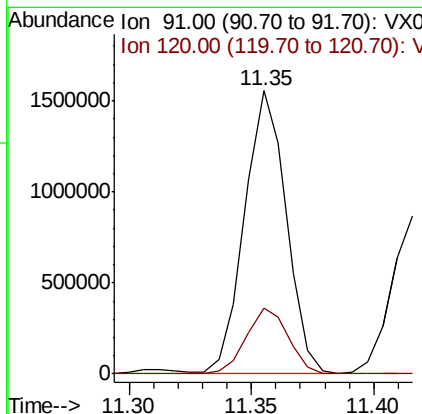
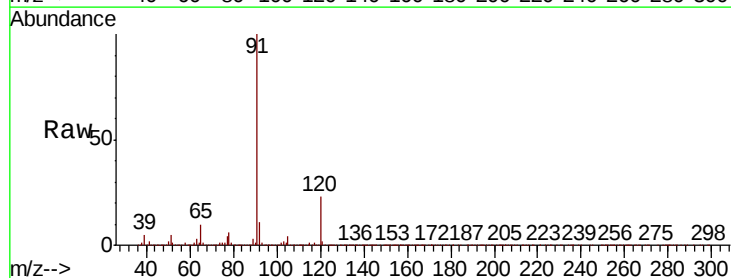
RT: 11.35 min Scan# 1717

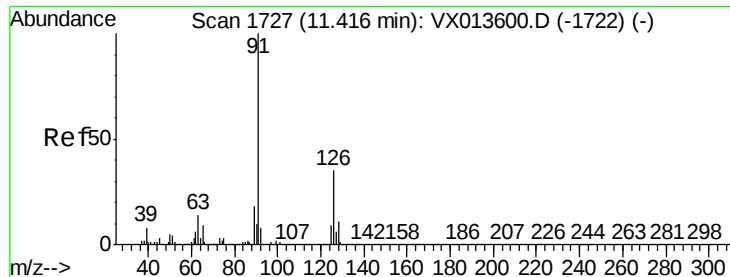
Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Tgt Ion:	91	Resp:	1840995
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.3





#79

2-Chlorotoluene

Concen: 49.524 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1083192

Ion Ratio Lower Upper

91 100

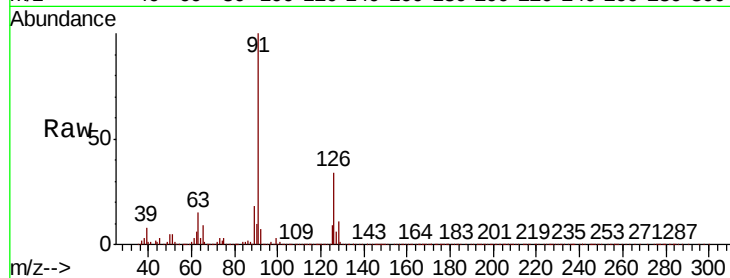
126 35.2 17.5 52.5

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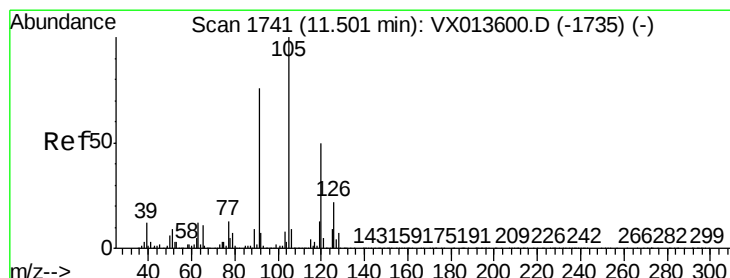
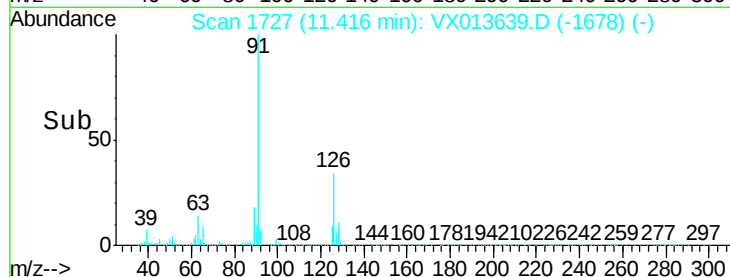
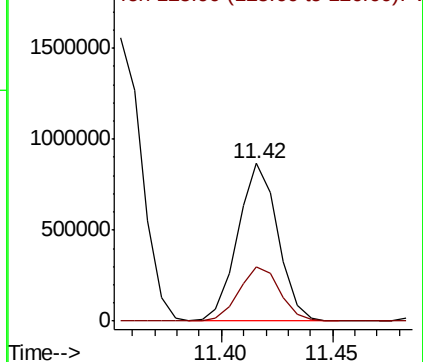
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.057 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013639.D

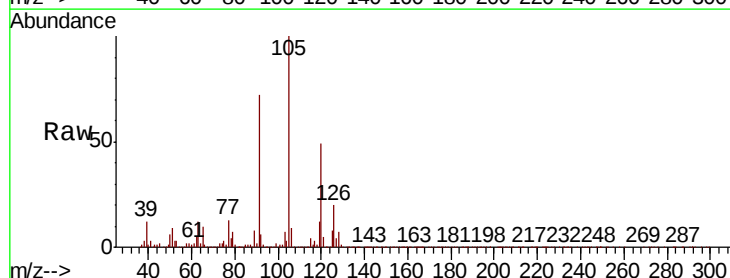
Acq: 27 Nov 2019 07:45

Tgt Ion:105 Resp: 1366783

Ion Ratio Lower Upper

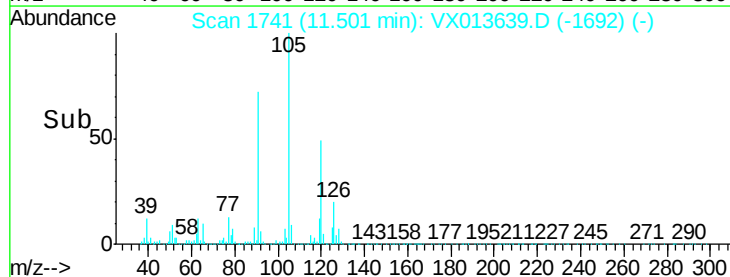
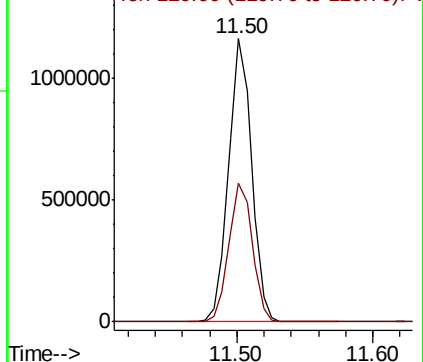
105 100

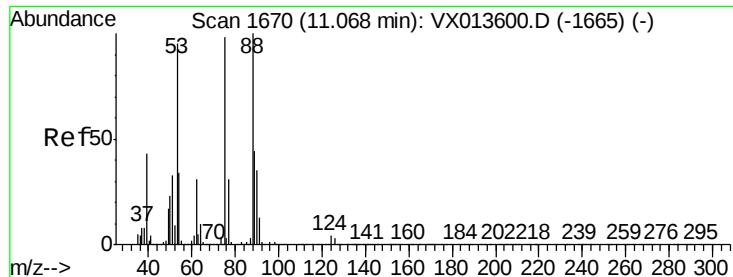
120 50.4 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





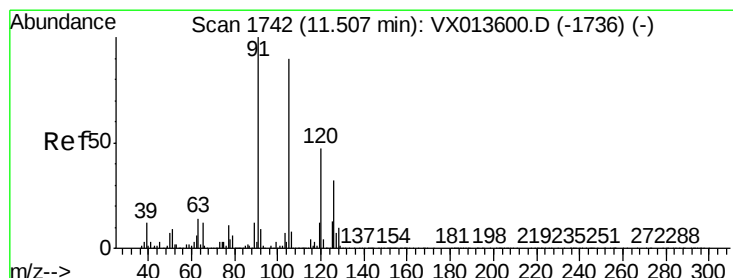
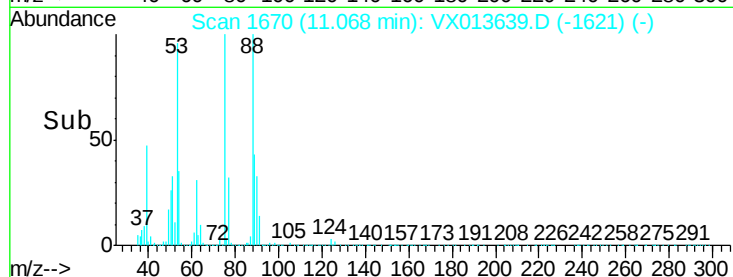
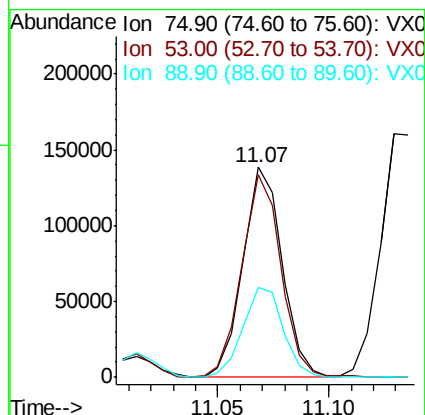
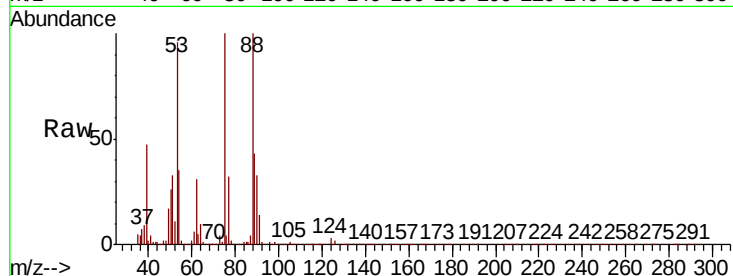
#81
trans-1,4-Dichloro-2-butene
Concen: 44.338 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.6	78.2	117.2
89	44.6	35.4	53.2

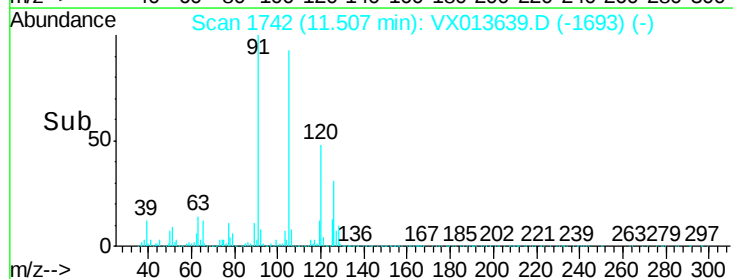
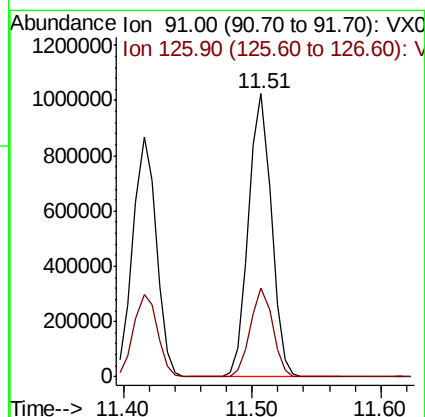
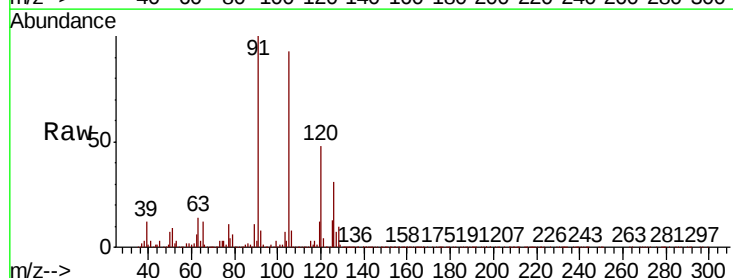
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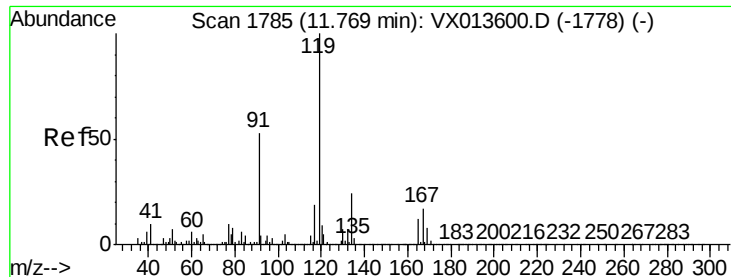
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#82
4-Chlorotoluene
Concen: 49.314 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.7	47.0





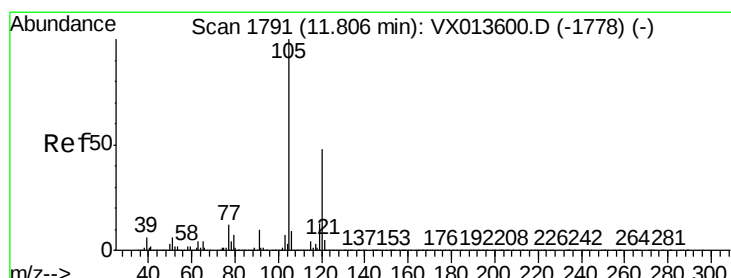
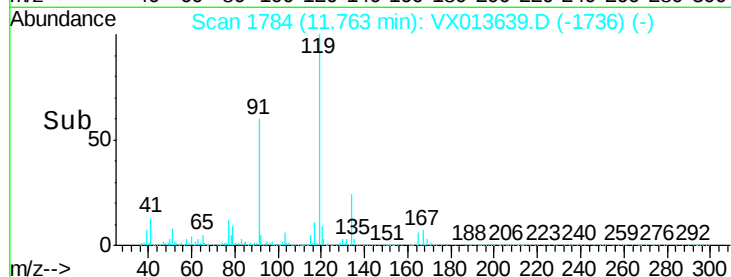
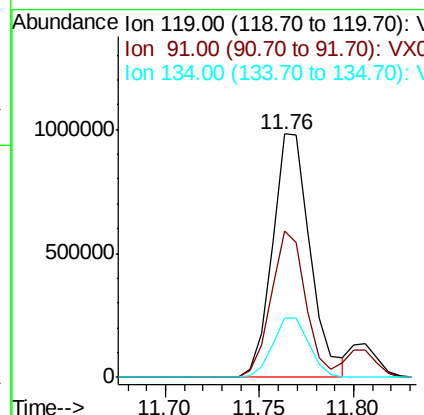
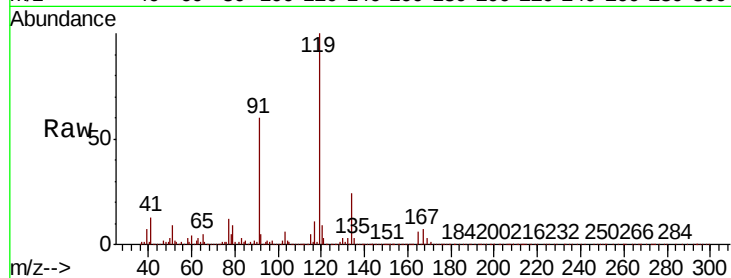
#83
tert-Butylbenzene
Concen: 50.024 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.7	27.2	81.6
134	23.7	11.7	35.1

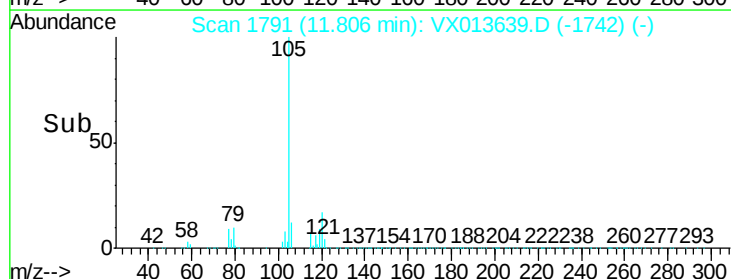
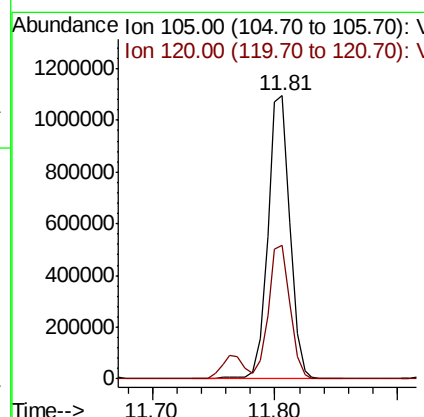
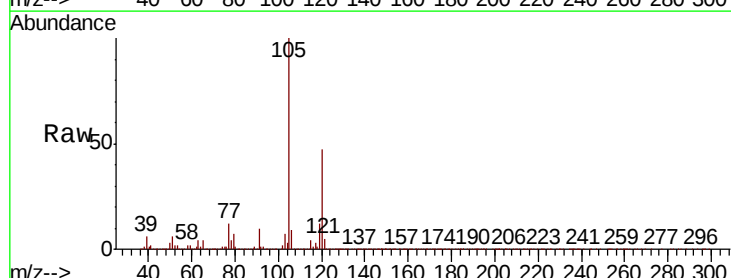
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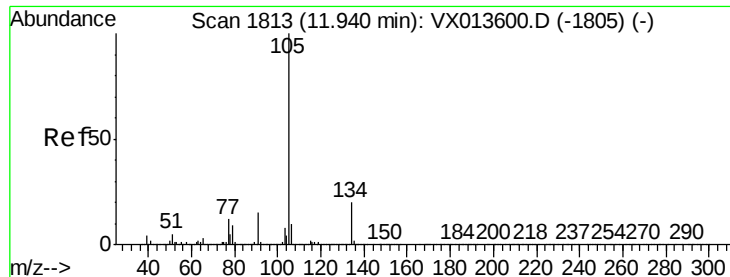
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#84
1,2,4-Trimethylbenzene
Concen: 50.284 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.1	69.3





#85

sec-Butylbenzene

Concen: 50.619 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1572990

Ion Ratio Lower Upper

105 100

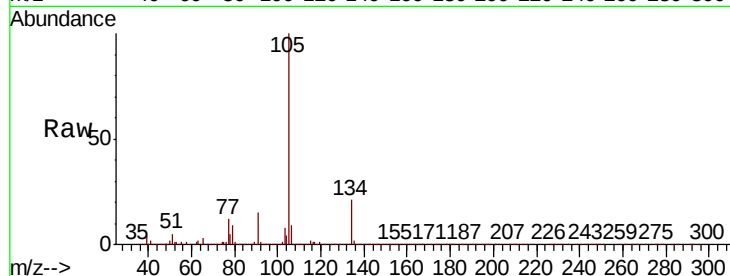
134 20.7 10.4 31.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

1500000 Ion 134.00 (133.70 to 134.70): V

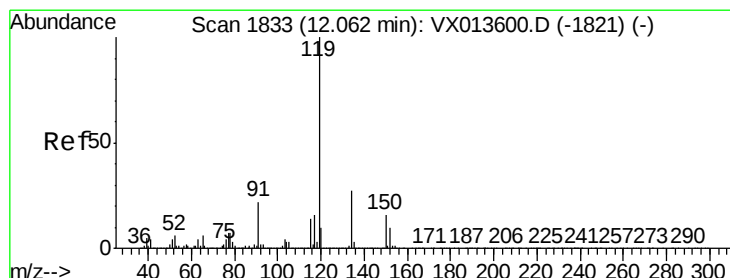
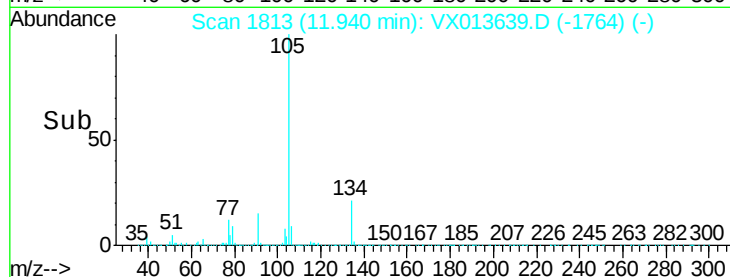
11.94

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.452 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

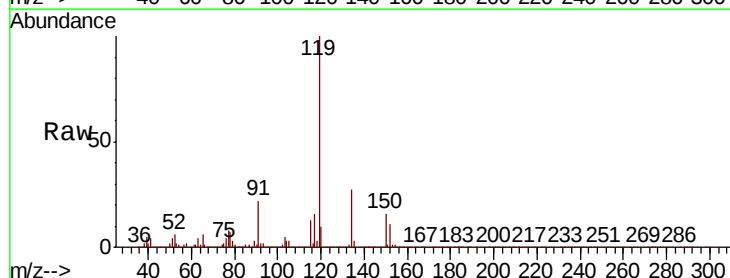
Tgt Ion:119 Resp: 1458521

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 22.4 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

1500000 Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

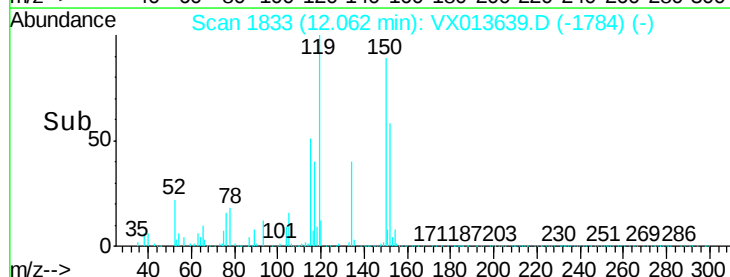
12.06

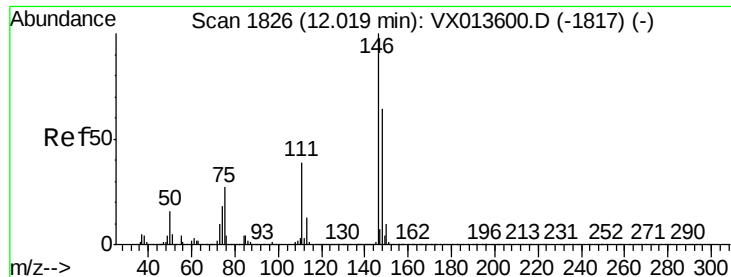
1000000

500000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 48.568 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

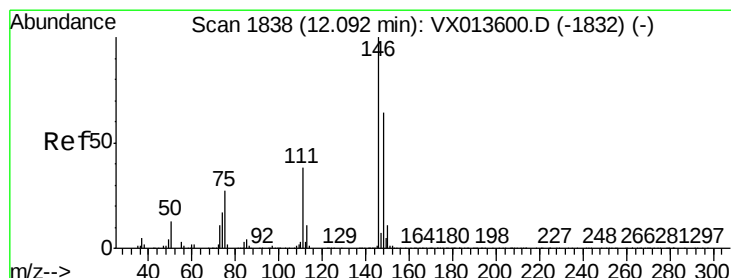
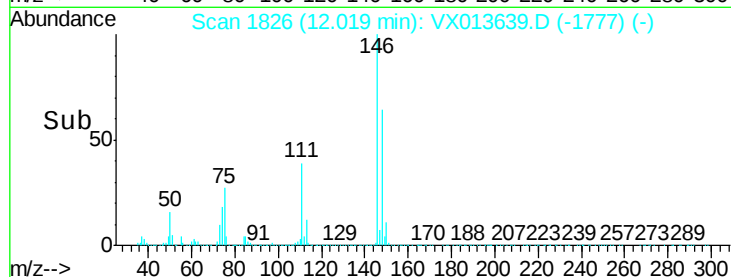
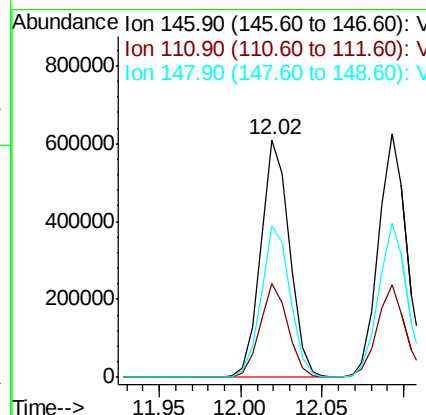
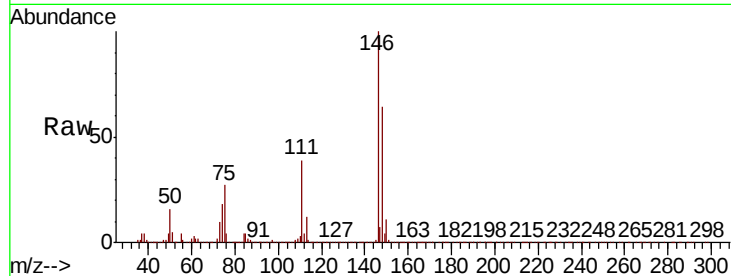
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.0	57.0
148	64.0	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 47.889 ug/l

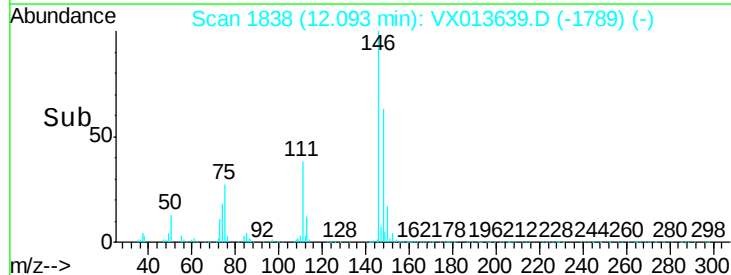
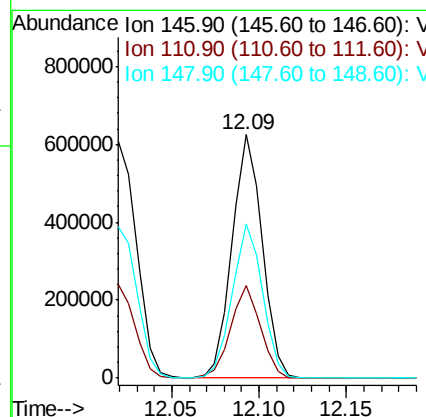
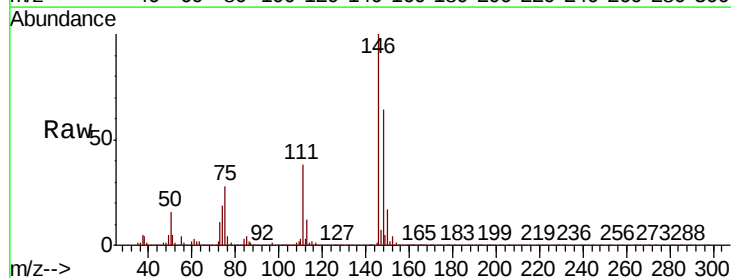
RT: 12.09 min Scan# 1838

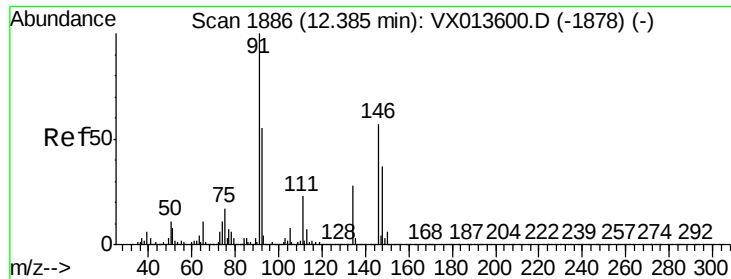
Delta R.T. 0.00 min

Lab File: VX013639.D

Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.9
148	63.7	31.9	95.5





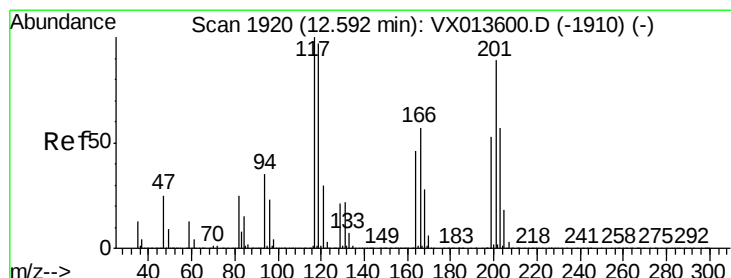
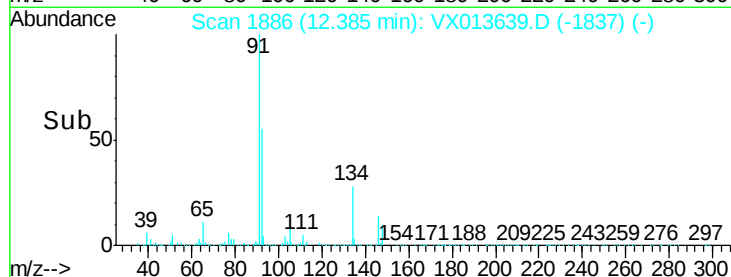
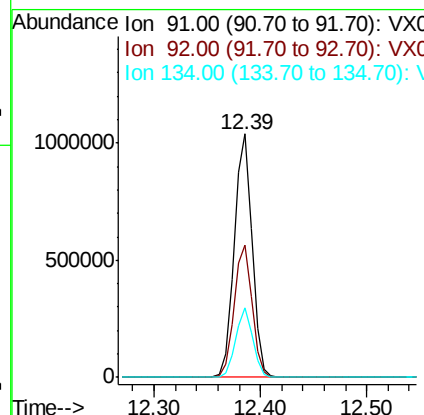
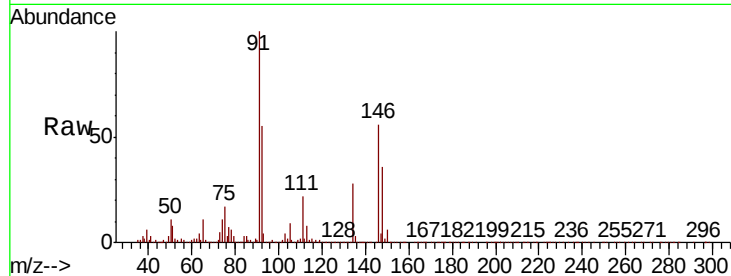
#89
n-Butylbenzene
Concen: 49.570 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.4	82.2
134	27.3	13.5	40.4

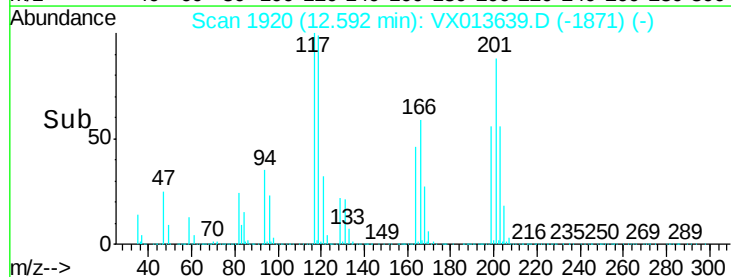
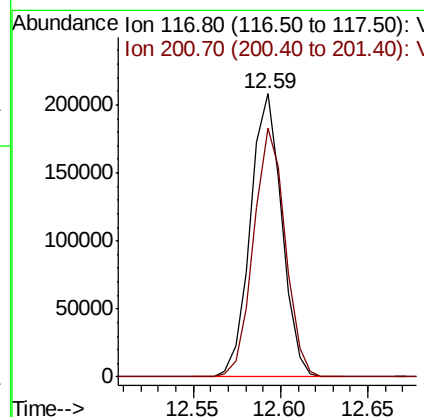
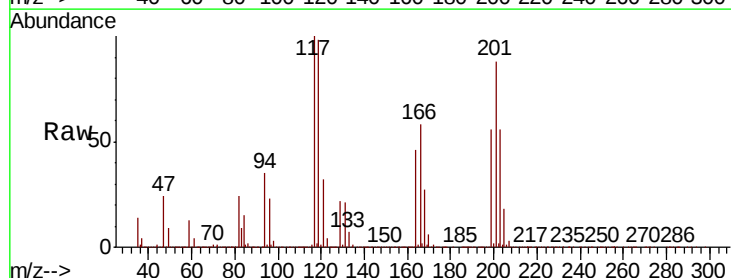
Manual Integrations
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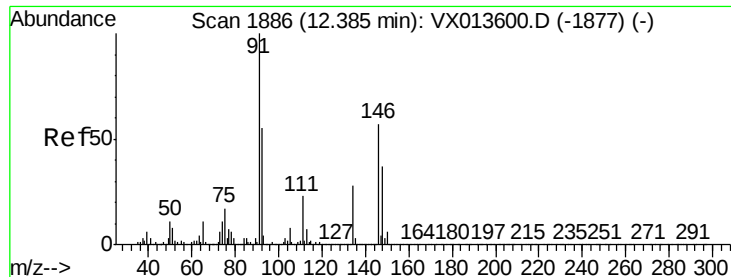
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#90
Hexachloroethane
Concen: 49.670 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.5	44.1	132.4





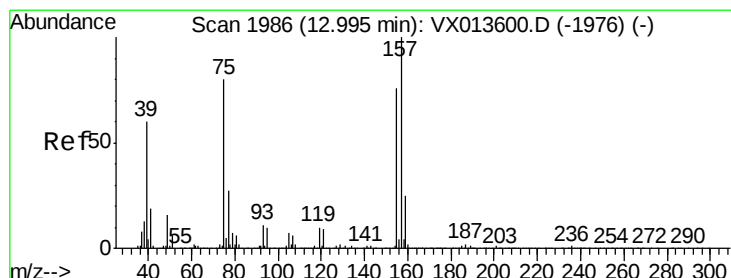
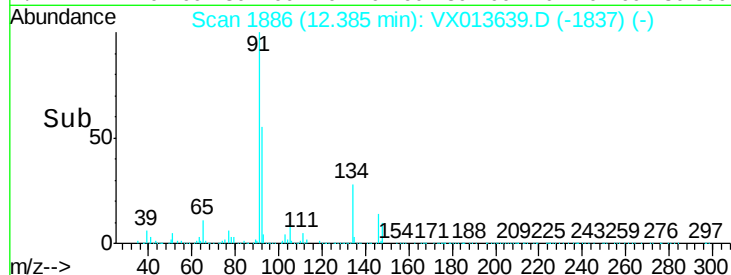
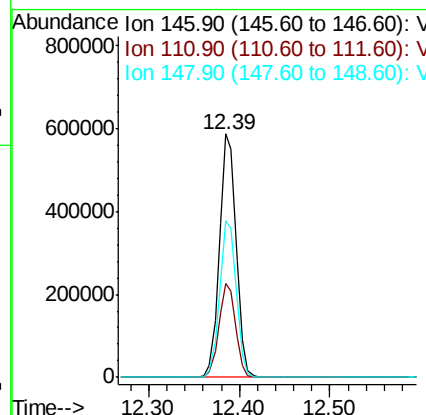
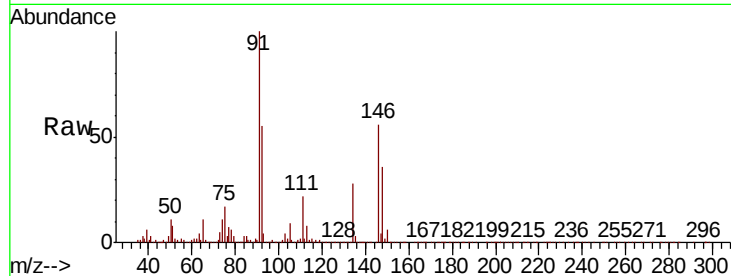
#91
 1,2-Dichlorobenzene
 Concen: 49.816 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013639.D
 Acq: 27 Nov 2019 07:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.6	58.7
148	64.5	31.9	95.7

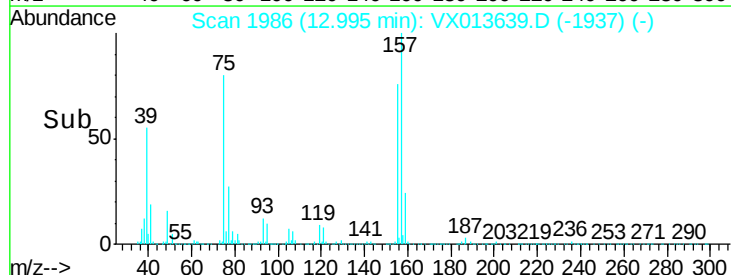
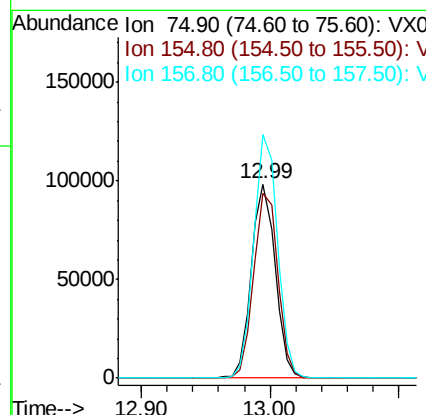
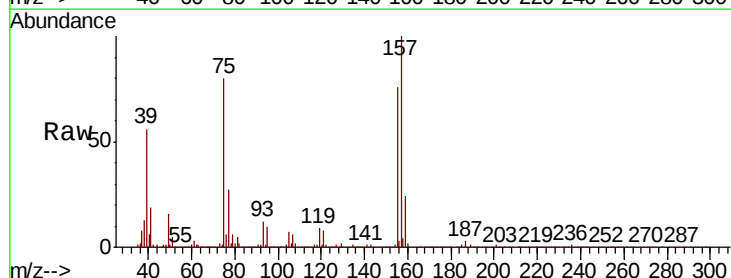
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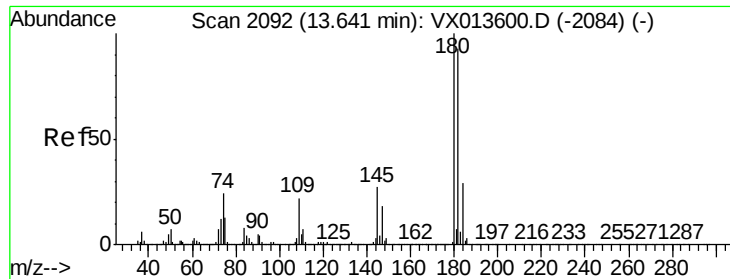
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.839 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013639.D
 Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.0	47.6	142.8
157	124.5	62.1	186.2





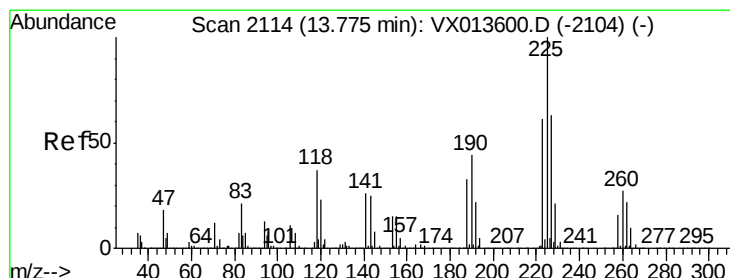
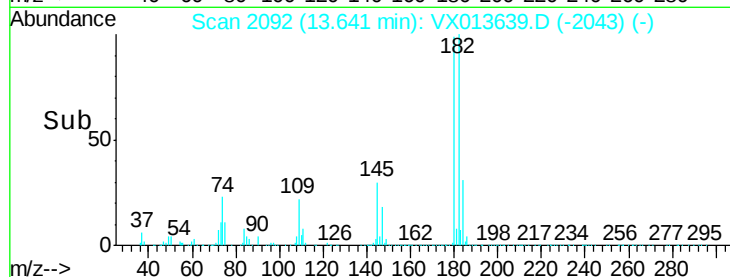
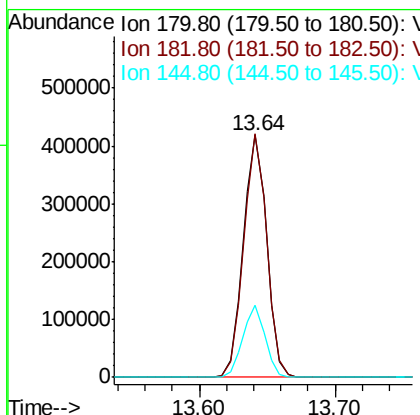
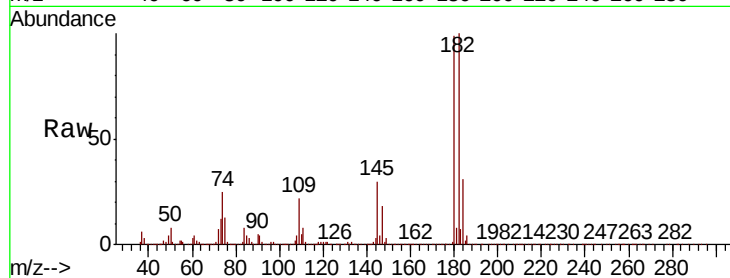
#93
 1,2,4-Trichlorobenzene
 Concen: 47.584 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013639.D
 Acq: 27 Nov 2019 07:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.7	47.2	141.6	
145	28.3	13.8	41.4	

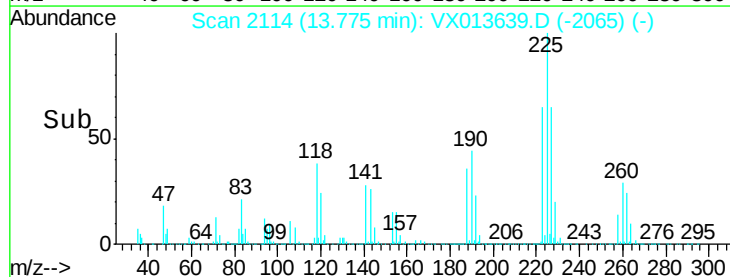
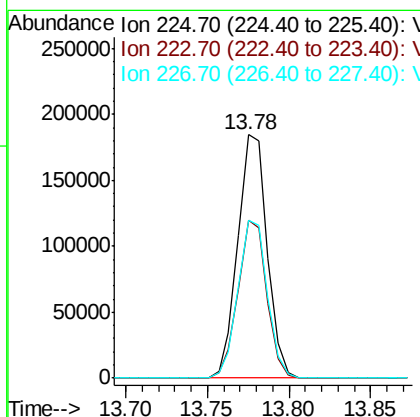
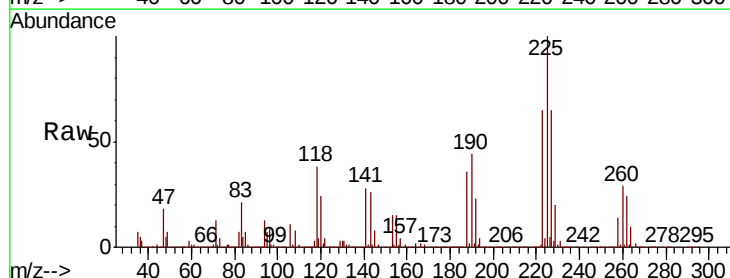
Manual Integrations
 APPROVED

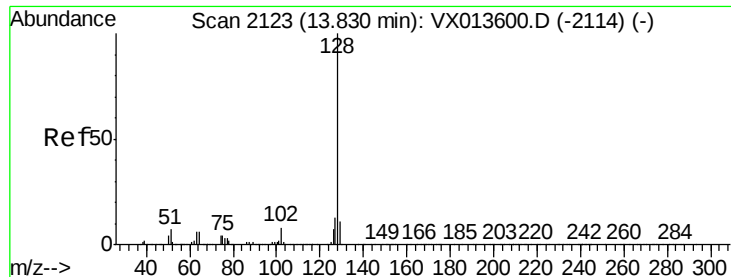
apatel
 11/27/2019 4:29:14 PM



#94
 Hexachlorobutadiene
 Concen: 45.720 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013639.D
 Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	31.9	95.5	
227	64.7	32.1	96.3	





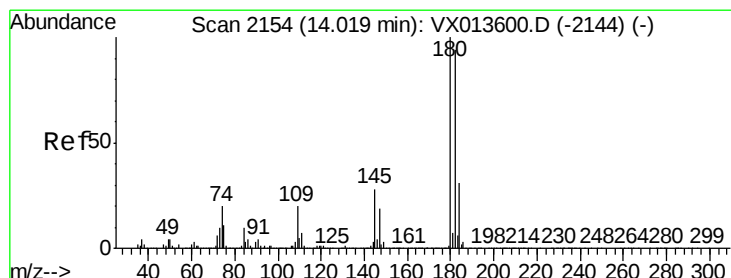
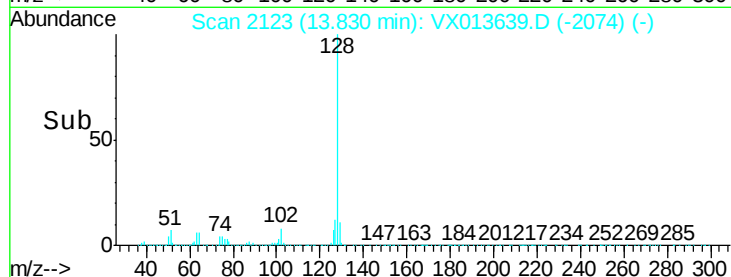
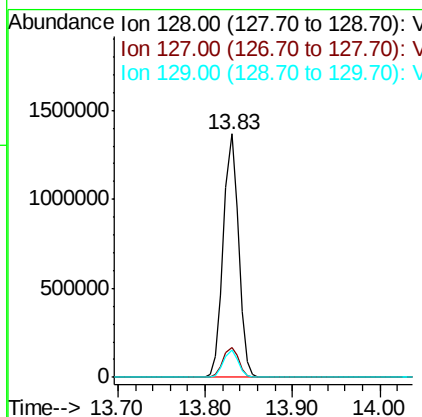
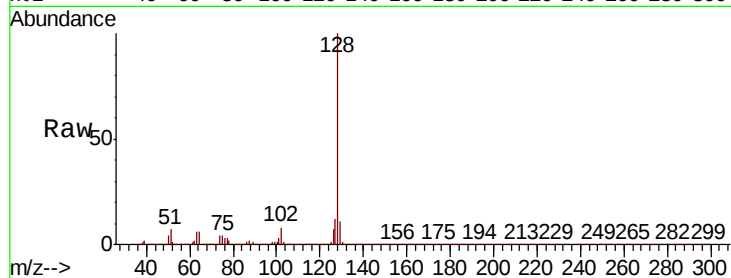
#95
Naphthalene
Concen: 51.792 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
11/27/2019 4:29:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.142 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013639.D
Acq: 27 Nov 2019 07:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.6	142.8
145	29.3	15.0	45.0

