

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013957.D
 Acq On : 11 Dec 2019 21:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/12/2019 9:26:44 AM

Quant Time: Dec 12 06:27:43 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	526444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	821096	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	742126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	370476	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	271925	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	
35) Dibromofluoromethane	5.48	113	228800	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	
50) Toluene-d8	8.71	98	854109	43.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.38%	
62) 4-Bromofluorobenzene	11.14	95	318423	44.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	252157	43.033	ug/l	99
3) Chloromethane	1.31	50	301863	45.911	ug/l	99
4) Vinyl Chloride	1.40	62	353651	47.789	ug/l	98
5) Bromomethane	1.63	94	231197	46.521	ug/l	98
6) Chloroethane	1.70	64	196254	46.604	ug/l	99
7) Trichlorofluoromethane	1.92	101	381240	46.395	ug/l	99
8) Diethyl Ether	2.18	74	185535	49.908	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	229818	45.788	ug/l	99
10) Methyl Iodide	2.50	142	298418	49.150	ug/l	100
11) Tert butyl alcohol	3.05	59	316869	210.077	ug/l	99
12) 1,1-Dichloroethene	2.36	96	233038	46.515	ug/l	99
13) Acrolein	2.28	56	243976	242.057	ug/l	99
14) Allyl chloride	2.72	41	436853	48.048	ug/l	99
15) Acrylonitrile	3.13	53	784274	251.895	ug/l	99
16) Acetone	2.44	43	741895	245.906	ug/l	100
17) Carbon Disulfide	2.56	76	566346	39.654	ug/l	100
18) Methyl Acetate	2.76	43	450622	53.638	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	839462	50.579	ug/l	99
20) Methylene Chloride	2.84	84	283172	48.855	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	253254	46.402	ug/l	97
22) Diisopropyl ether	3.84	45	911914	52.089	ug/l	98
23) Vinyl Acetate	3.80	43	3728262	255.994	ug/l	99
24) 1,1-Dichloroethane	3.69	63	485700	50.750	ug/l	99
25) 2-Butanone	4.66	43	1120064	249.801	ug/l	99
26) 2,2-Dichloropropane	4.57	77	354815	44.810	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	303808	48.471	ug/l	99
28) Bromochloromethane	5.00	49	201025	53.154	ug/l	97
29) Tetrahydrofuran	5.12	42	709145	256.552	ug/l	99
30) Chloroform	5.20	83	472898	48.723	ug/l	99
31) Cyclohexane	5.57	56	400595	44.378	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	391239	48.237	ug/l	99
36) 1,1-Dichloropropene	5.79	75	344634	46.238	ug/l	99
37) Ethyl Acetate	4.82	43	420819	50.327	ug/l	99
38) Carbon Tetrachloride	5.78	117	330687	48.115	ug/l	96

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Quant Time: Dec 12 06:27:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	394005	42.765	ug/l	100
40) Benzene	6.14	78	1091179	48.068	ug/l	99
41) Methacrylonitrile	5.03	41	239261	52.175	ug/l	99
42) 1,2-Dichloroethane	6.19	62	378969	48.950	ug/l	99
43) Isopropyl Acetate	6.43	43	677325	49.203	ug/l	100
44) Trichloroethene	7.21	130	286378	45.966	ug/l	97
45) 1,2-Dichloropropane	7.51	63	290563	51.158	ug/l	95
46) Dibromomethane	7.65	93	186987	48.473	ug/l	97
47) Bromodichloromethane	7.89	83	365581	50.131	ug/l	100
48) Methyl methacrylate	7.76	41	343717	51.389	ug/l	99
49) 1,4-Dioxane	7.73	88	126324	843.759	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2225112	256.967	ug/l	99
52) Toluene	8.78	92	692762	49.123	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	400098	48.201	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	445841	49.163	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	292304	51.434	ug/l	99
56) Ethyl methacrylate	9.17	69	463708	50.751	ug/l	99
57) 1,3-Dichloropropane	9.37	76	490093	50.031	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	855189	238.720	ug/l	99
59) 2-Hexanone	9.49	43	1683762	249.318	ug/l	99
60) Dibromochloromethane	9.58	129	300638	50.974	ug/l	100
61) 1,2-Dibromoethane	9.67	107	300476	49.503	ug/l	98
64) Tetrachloroethene	9.33	164	262121	47.363	ug/l	97
65) Chlorobenzene	10.14	112	746459	48.446	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	281207	50.825	ug/l	100
67) Ethyl Benzene	10.25	91	1299584	49.084	ug/l	99
68) m/p-Xylenes	10.36	106	996229	98.278	ug/l	100
69) o-Xylene	10.70	106	491092	49.673	ug/l	100
70) Styrene	10.71	104	836579	50.303	ug/l	99
71) Bromoform	10.85	173	231898	50.655	ug/l #	99
73) Isopropylbenzene	11.01	105	1293393	49.770	ug/l	100
74) N-amyl acetate	10.89	43	609814	51.225	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	471281	52.293	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	425187m	51.027	ug/l	
77) Bromobenzene	11.25	156	337481	48.070	ug/l	97
78) n-propylbenzene	11.35	91	1448883	49.944	ug/l	100
79) 2-Chlorotoluene	11.42	91	862684	49.573	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1075443	50.492	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	143999	47.278	ug/l	98
82) 4-Chlorotoluene	11.51	91	994103	49.321	ug/l	98
83) tert-Butylbenzene	11.76	119	1074683	49.648	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1081254	50.020	ug/l	100
85) sec-Butylbenzene	11.94	105	1234083	49.913	ug/l	100
86) p-Isopropyltoluene	12.06	119	1130572	49.153	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	590275	48.233	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	587538	47.134	ug/l	99
89) n-Butylbenzene	12.39	91	953831	48.621	ug/l	100
90) Hexachloroethane	12.59	117	203428	48.930	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	601631	49.756	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	94483	48.142	ug/l	99

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ClientSampleId :
VSTDCCC050

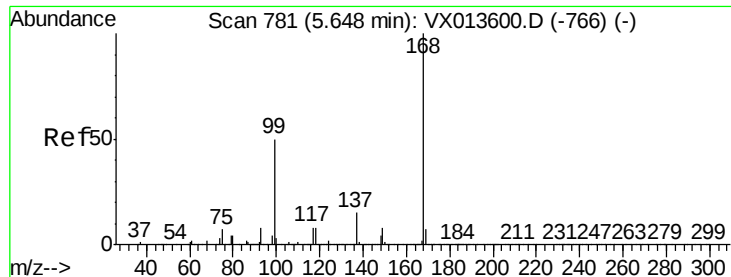
Manual Integrations
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Quant Time: Dec 12 06:27:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	389078	46.170	ug/l	100
94) Hexachlorobutadiene	13.78	225	182804	45.157	ug/l	99
95) Naphthalene	13.83	128	1214957	48.412	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	398794	47.795	ug/l	99

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



#1

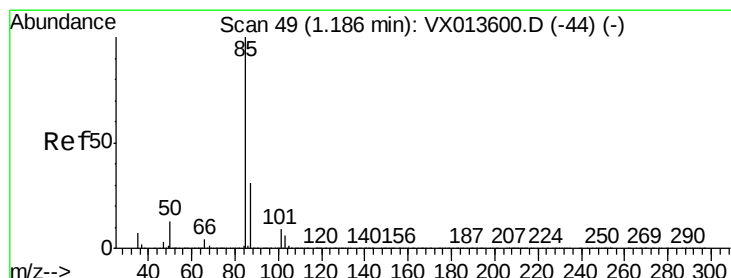
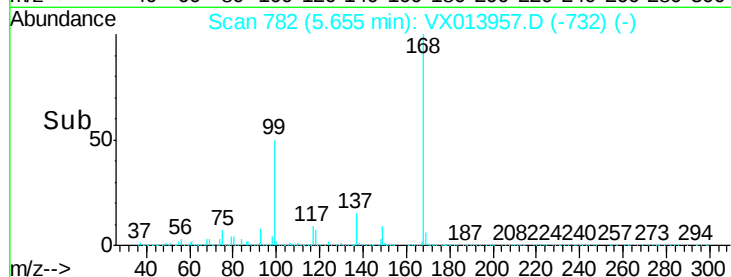
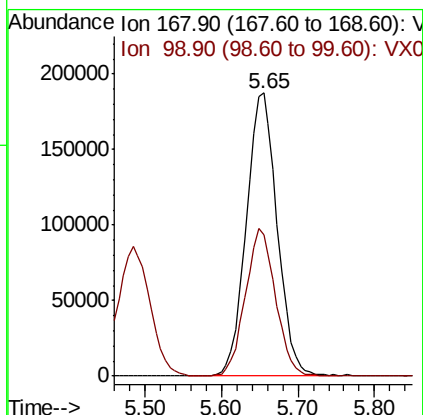
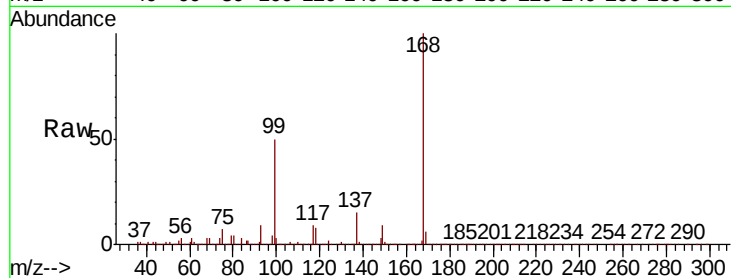
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013957.D
 Acq: 11 Dec 2019 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.8	39.8	59.8

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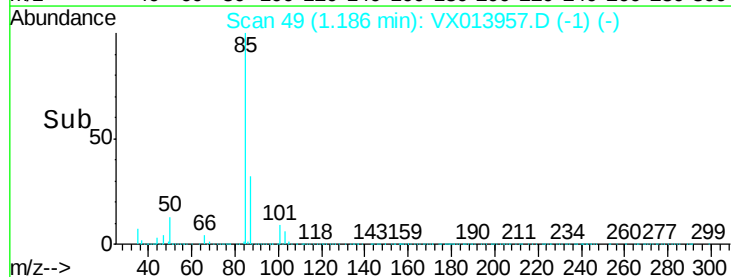
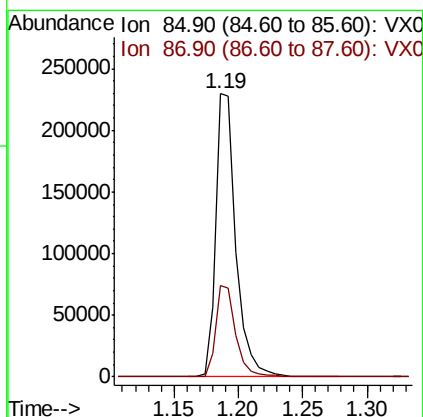
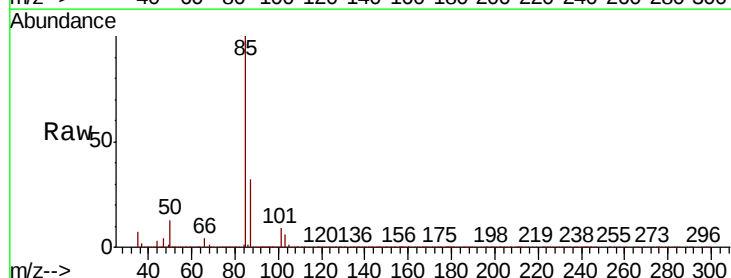
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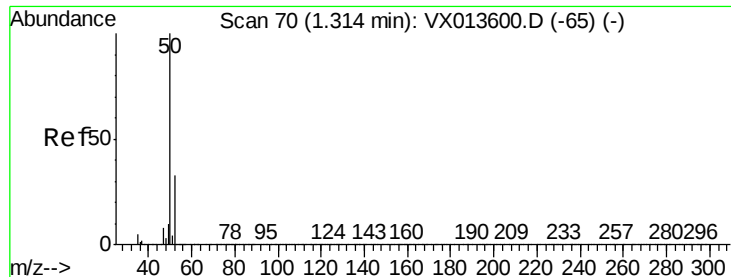


#2

Dichlorodifluoromethane
 Concen: 43.033 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX013957.D
 Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.7	47.1





#3

Chloromethane

Concen: 45.911 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 301863

Ion Ratio Lower Upper

50 100

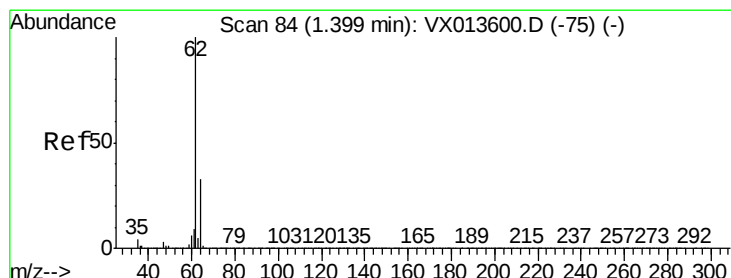
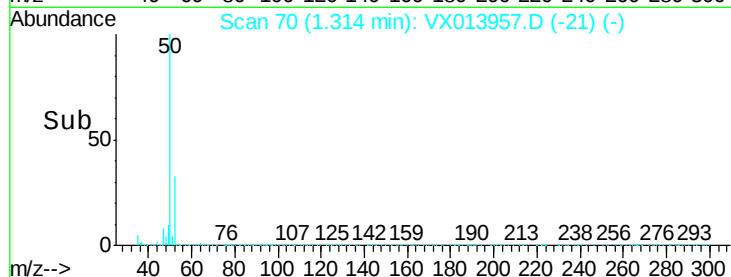
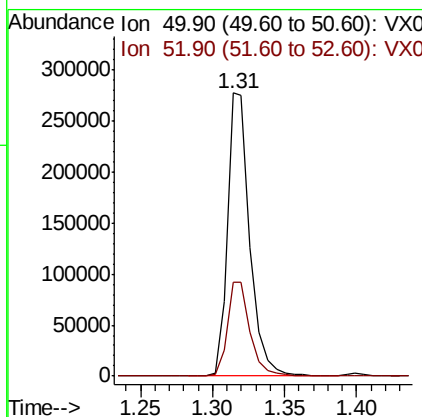
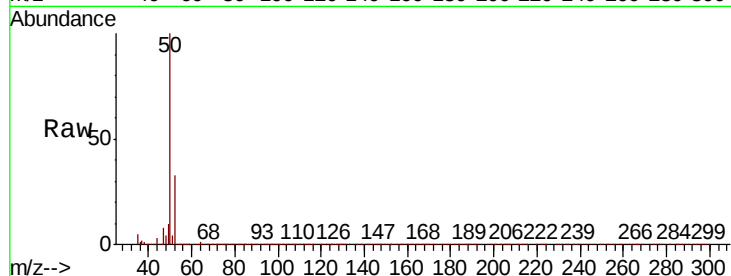
52 33.0 26.0 39.0

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#4

Vinyl Chloride

Concen: 47.789 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013957.D

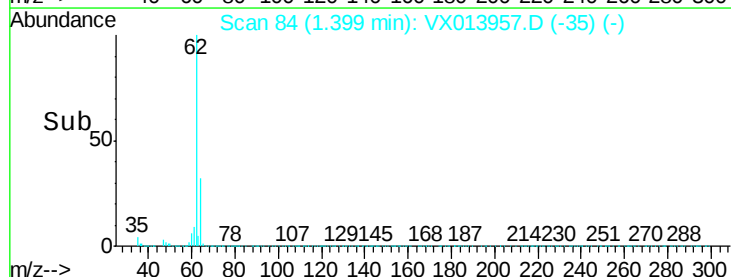
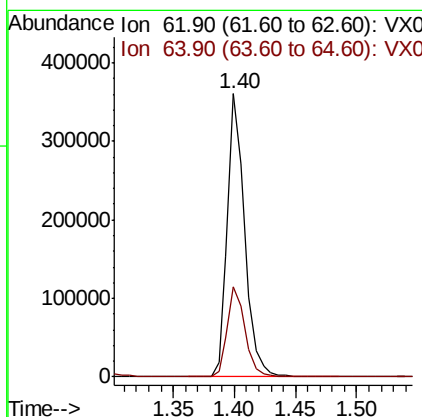
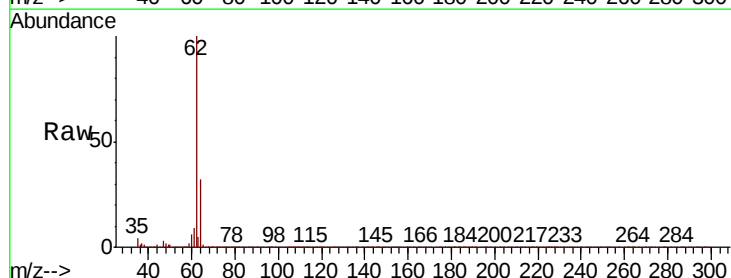
Acq: 11 Dec 2019 21:24

Tgt Ion: 62 Resp: 353651

Ion Ratio Lower Upper

62 100

64 31.5 26.0 39.0





#5

Bromomethane

Concen: 46.521 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 231197

Ion Ratio Lower Upper

94 100

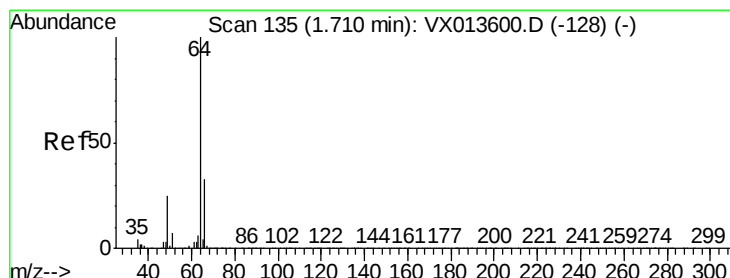
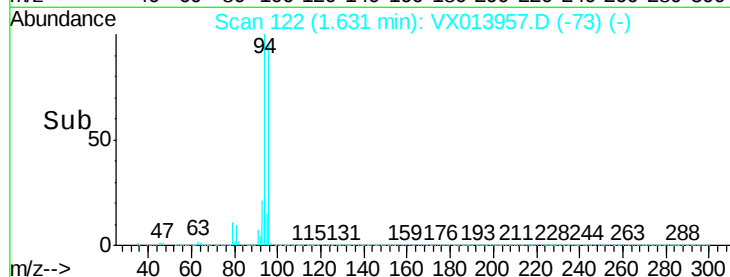
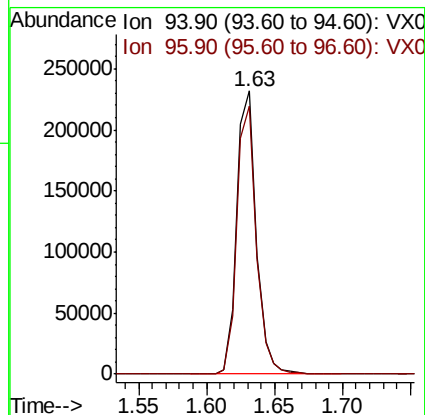
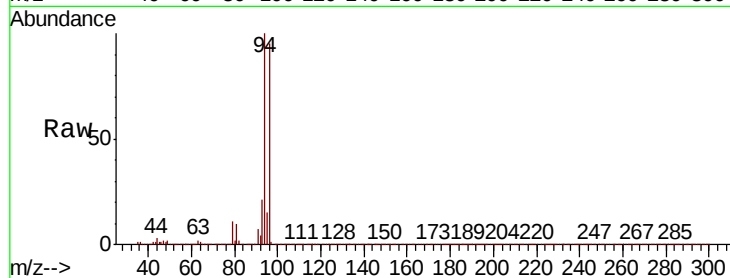
96 94.7 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 46.604 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013957.D

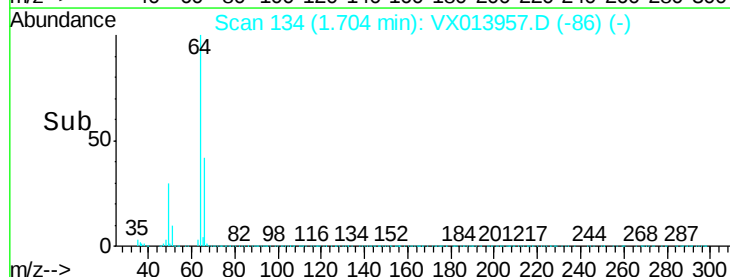
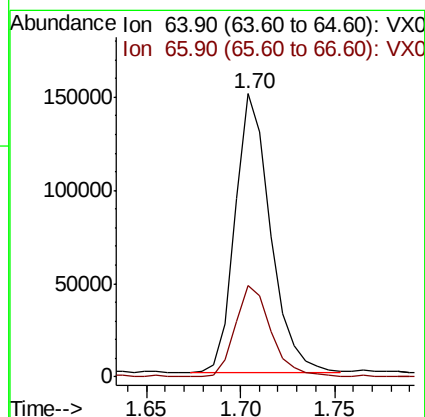
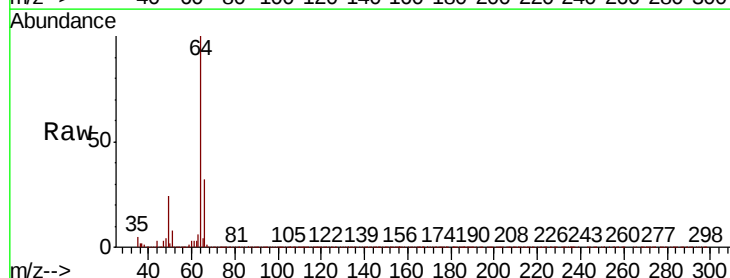
Acq: 11 Dec 2019 21:24

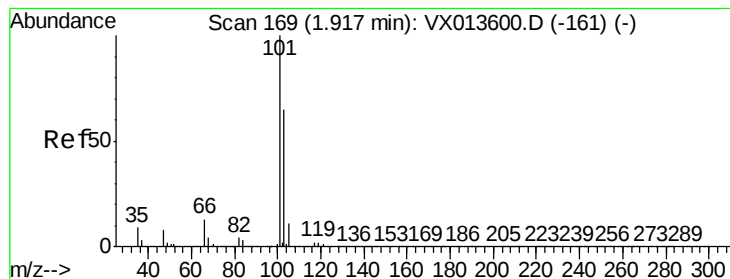
Tgt Ion: 64 Resp: 196254

Ion Ratio Lower Upper

64 100

66 32.6 26.7 40.1





#7

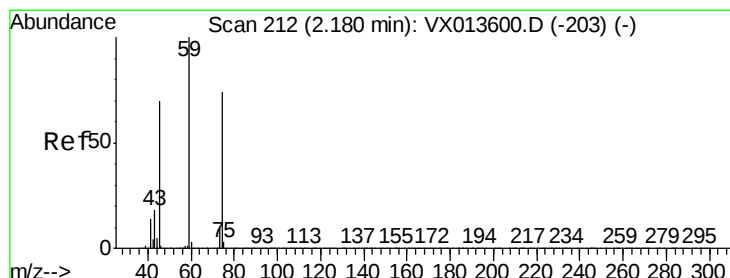
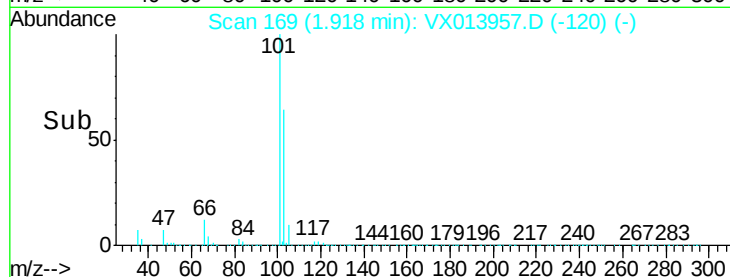
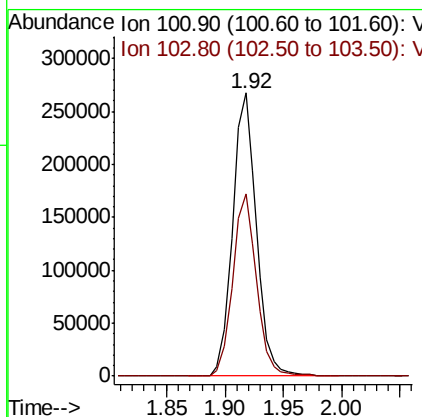
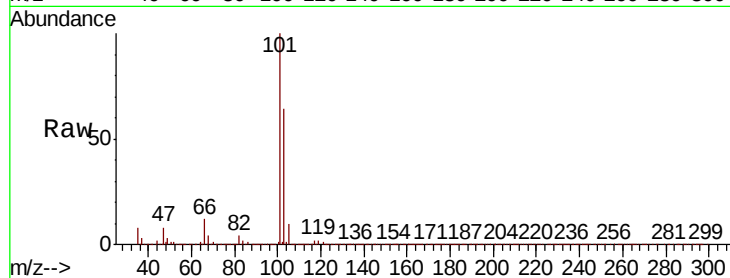
Trichlorofluoromethane
Concen: 46.395 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.8	77.6

Manual Integrations
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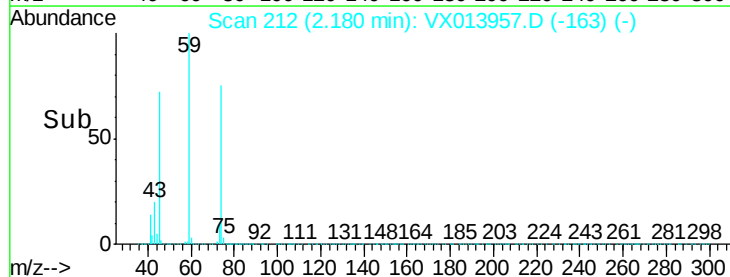
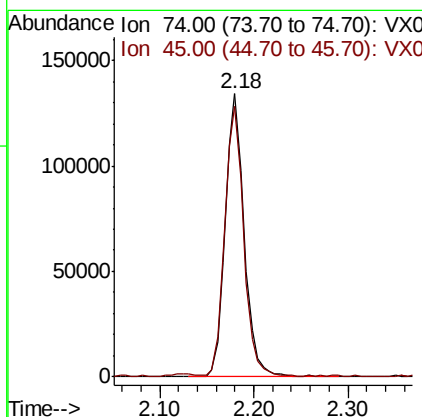
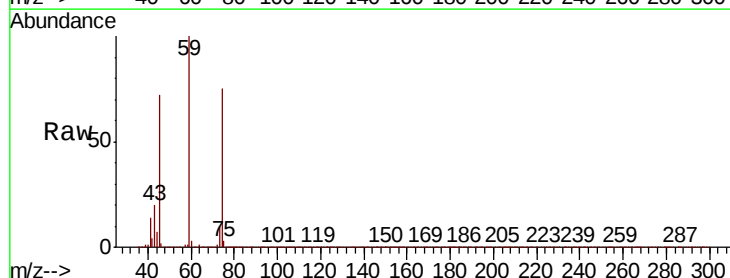
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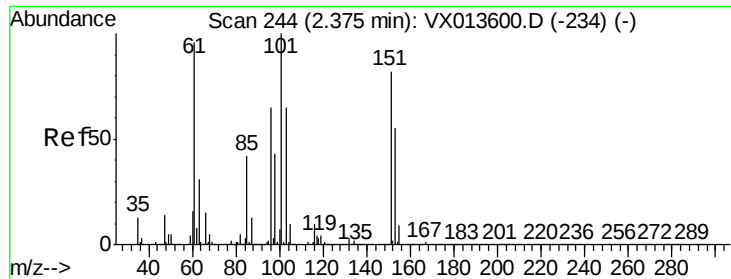


#8

Diethyl Ether
Concen: 49.908 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.9	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.788 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

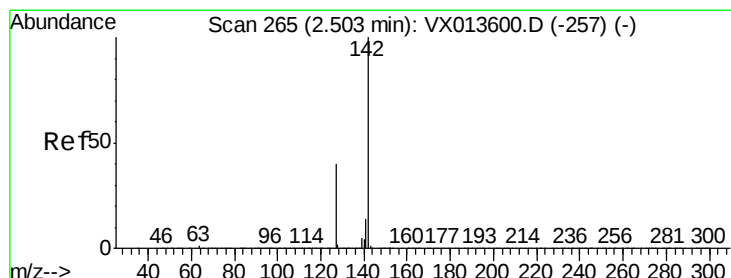
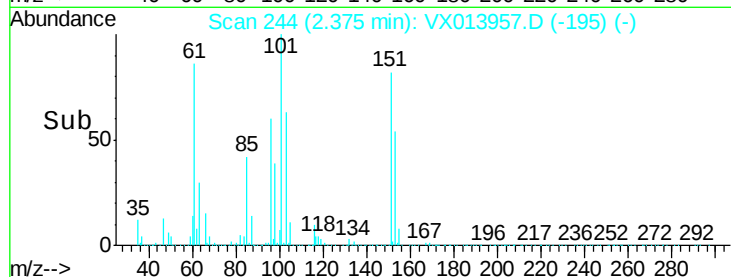
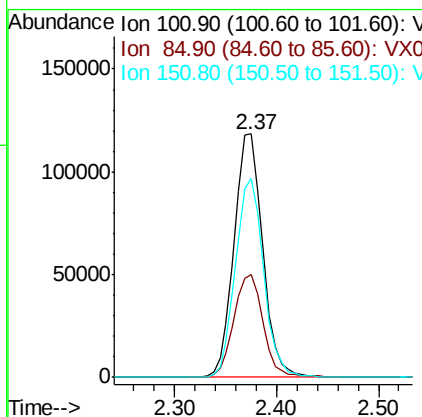
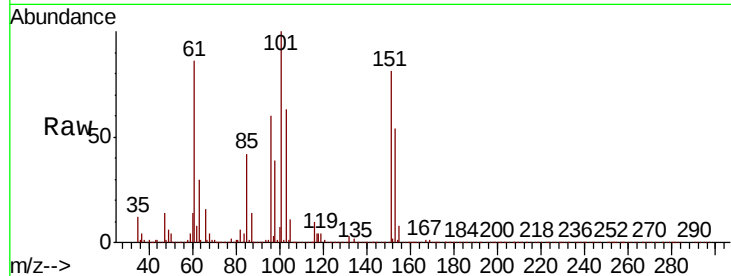
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	229818
Ion Ratio	Lower	Upper	
101	100		
85	43.2	33.9	50.9
151	81.1	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 49.150 ug/l

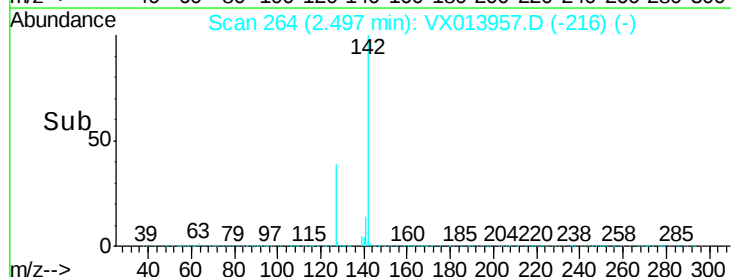
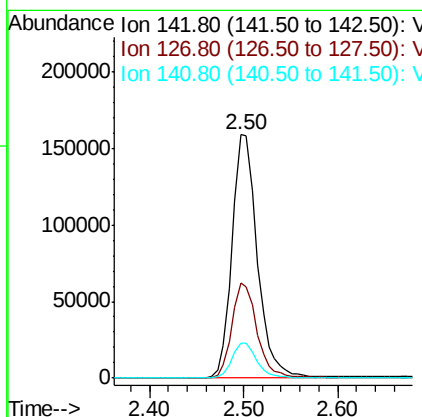
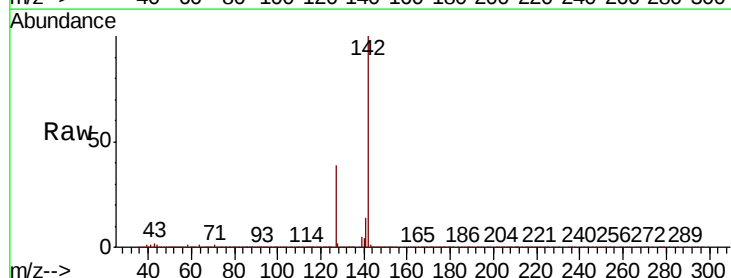
RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Tgt Ion:	142	Resp:	298418
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.0	46.4
141	14.3	11.6	17.4





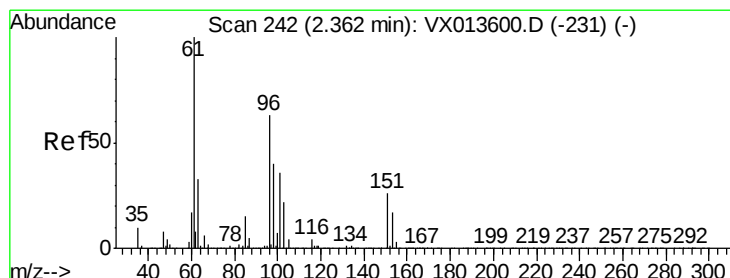
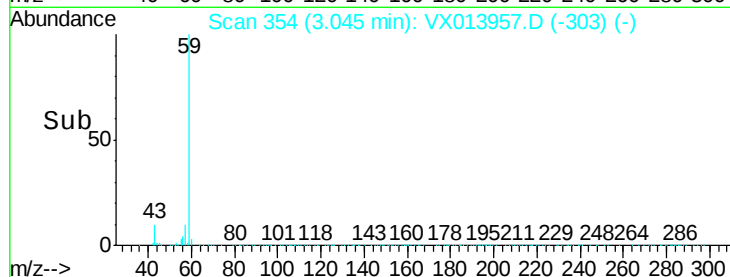
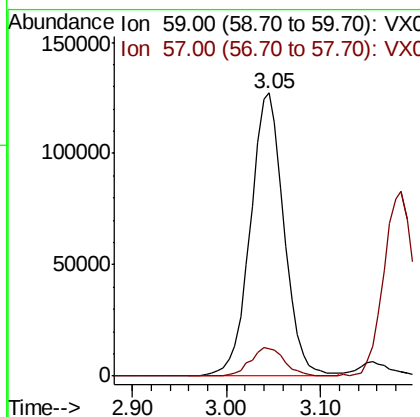
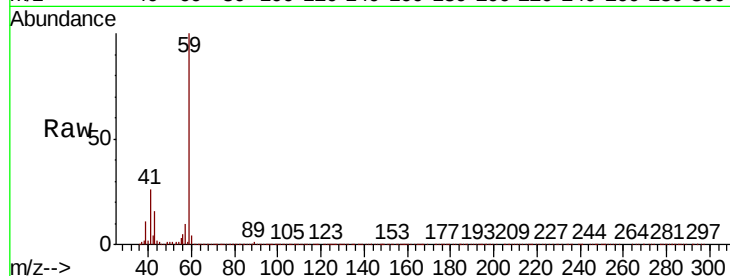
#11
Tert butyl alcohol
Concen: 210.077 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.8	11.6

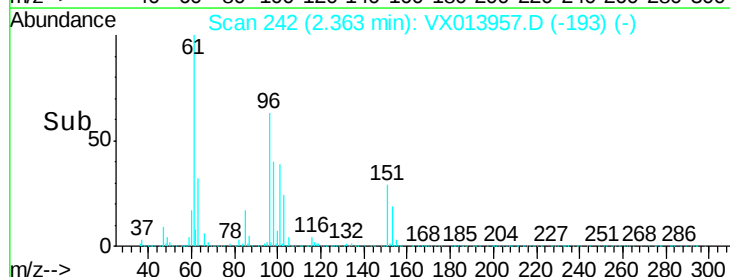
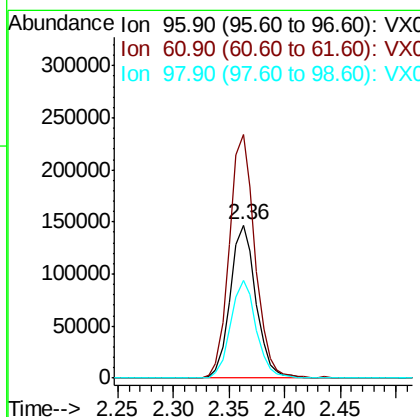
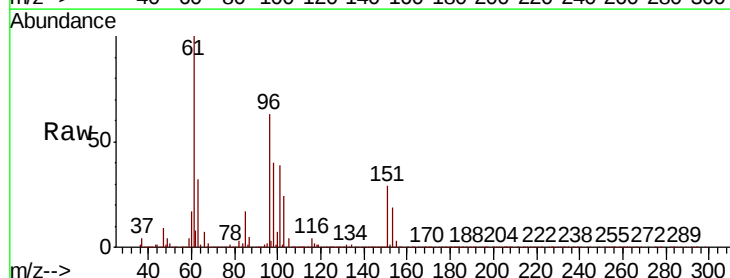
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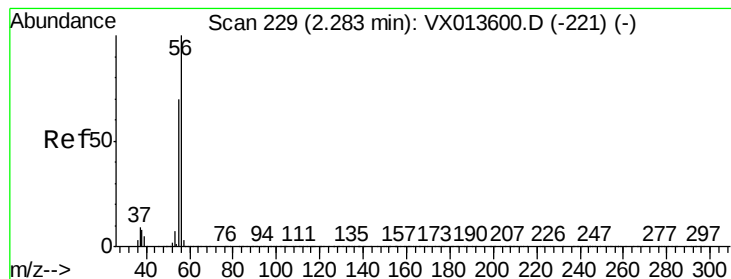
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#12
1,1-Dichloroethene
Concen: 46.515 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.7	126.6	190.0
98	64.1	50.6	76.0





#13

Acrolein

Concen: 242.057 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 243976

Ion Ratio Lower Upper

56 100

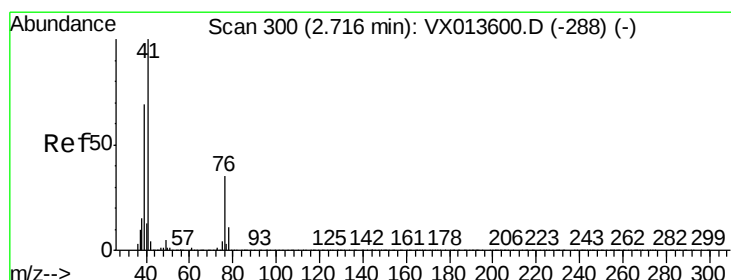
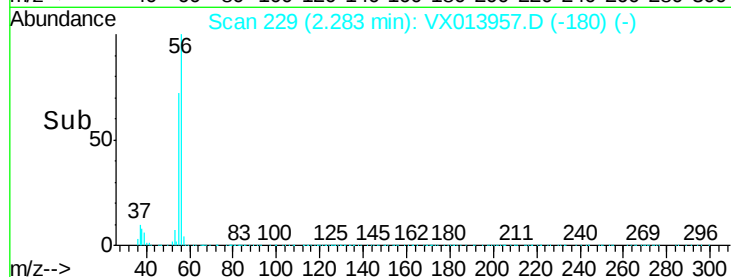
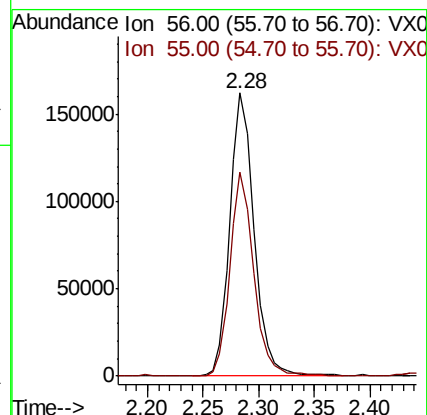
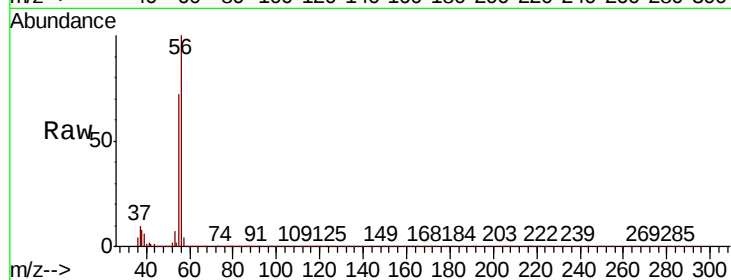
55 69.8 56.2 84.4

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#14

Allyl chloride

Concen: 48.048 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

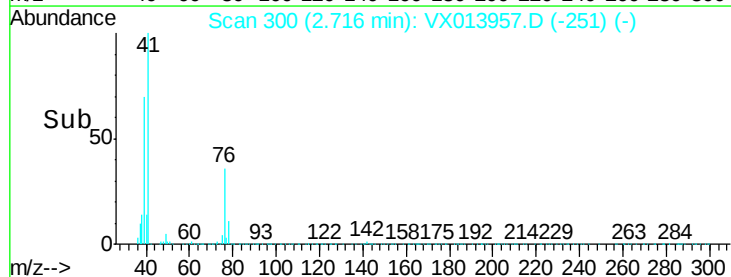
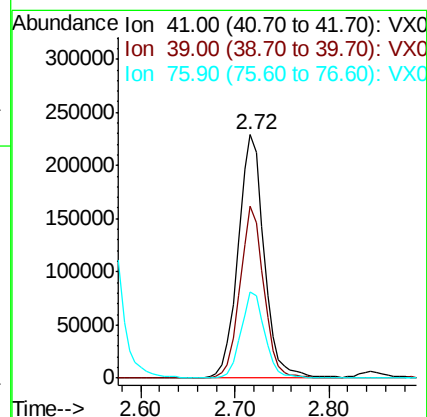
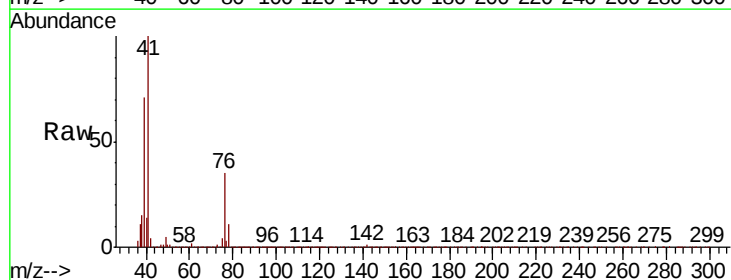
Tgt Ion: 41 Resp: 436853

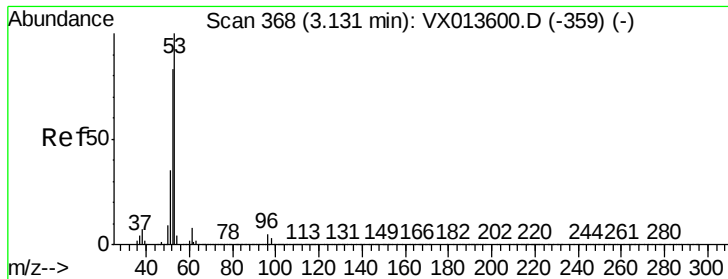
Ion Ratio Lower Upper

41 100

39 65.6 51.7 77.5

76 32.6 25.9 38.9





#15

Acrylonitrile

Concen: 251.895 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

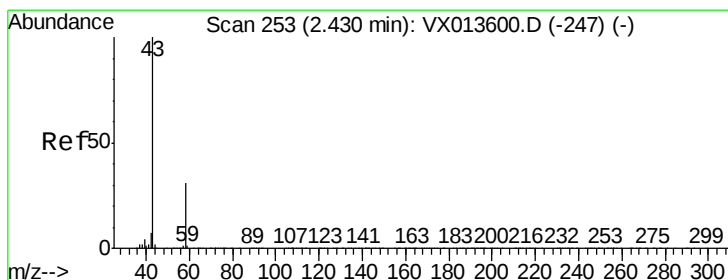
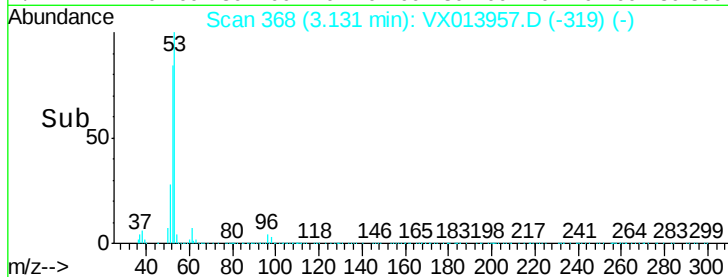
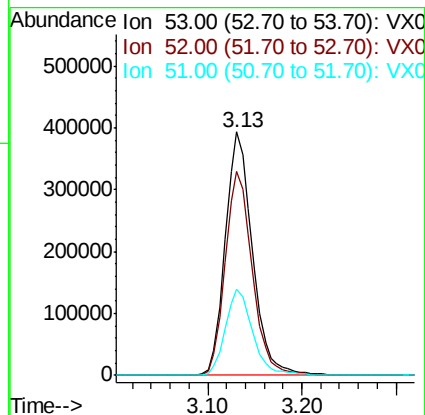
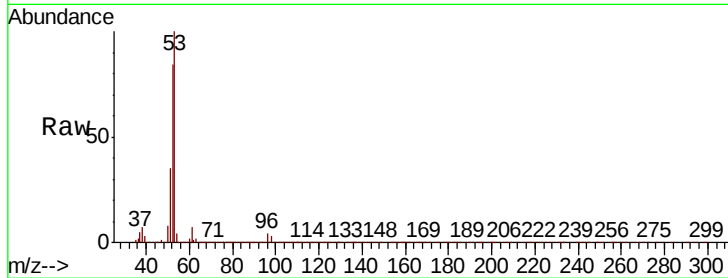
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	784274
Ion Ratio		Lower	Upper
53	100		
52	83.7	66.2	99.2
51	35.6	29.0	43.6

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#16

Acetone

Concen: 245.906 ug/l

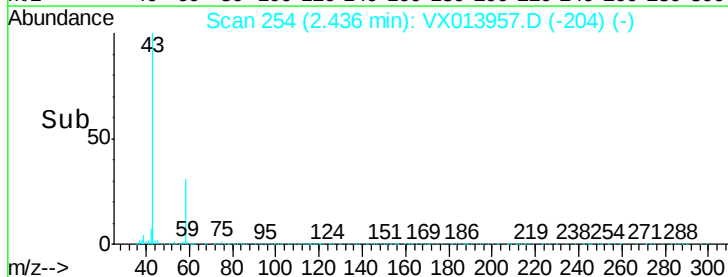
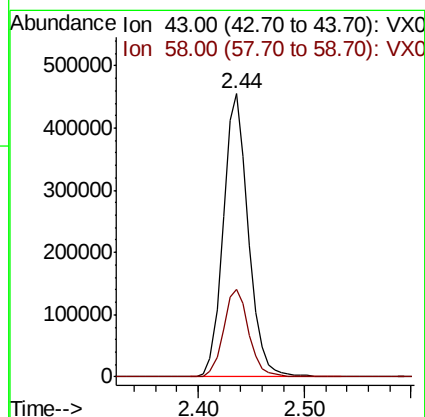
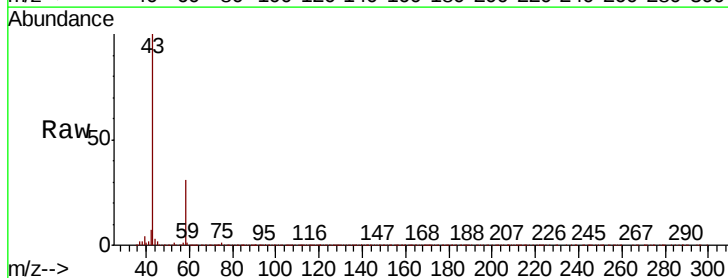
RT: 2.44 min Scan# 254

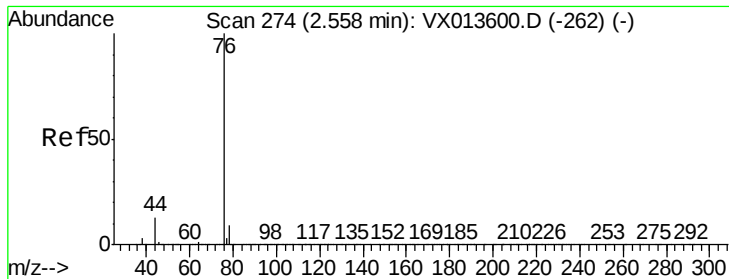
Delta R.T. 0.01 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Tgt Ion:	43	Resp:	741895
Ion Ratio		Lower	Upper
43	100		
58	30.7	24.6	36.8





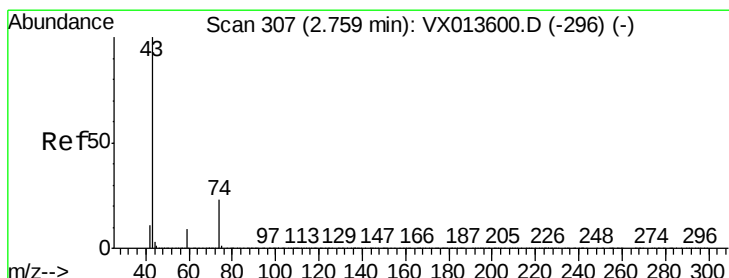
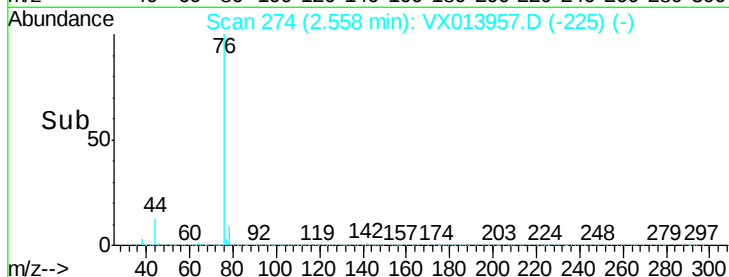
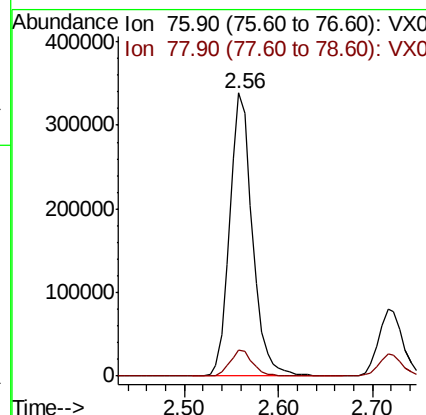
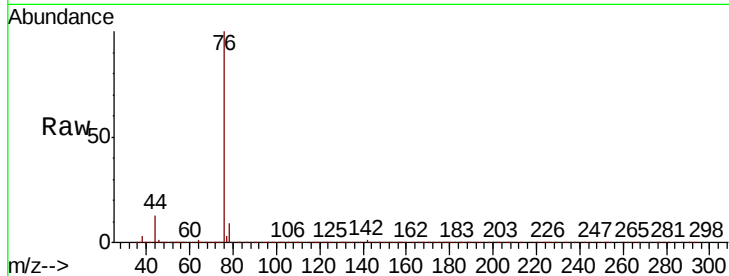
#17
Carbon Disulfide
Concen: 39.654 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

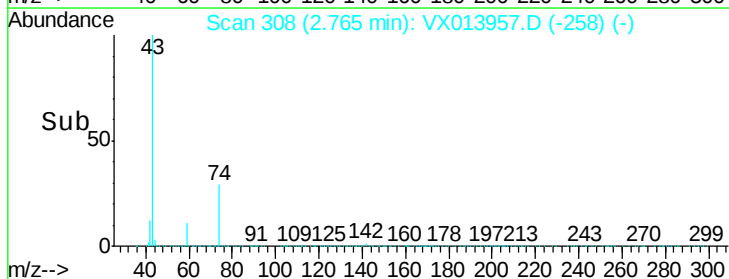
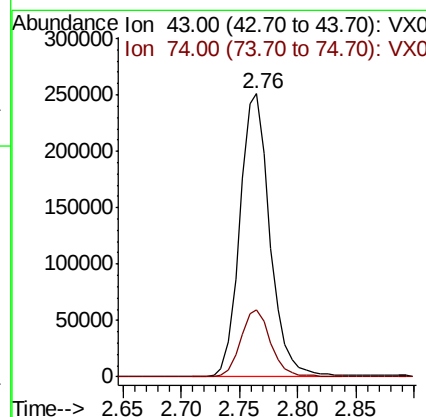
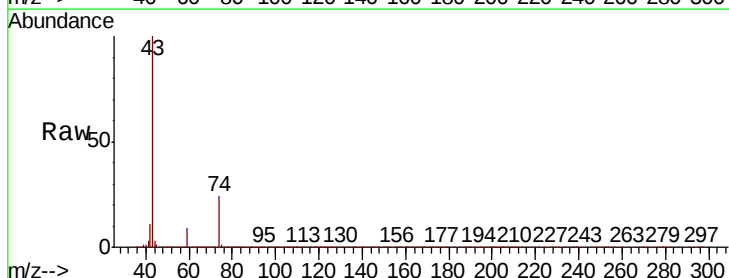
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#18
Methyl Acetate
Concen: 53.638 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.5	29.3





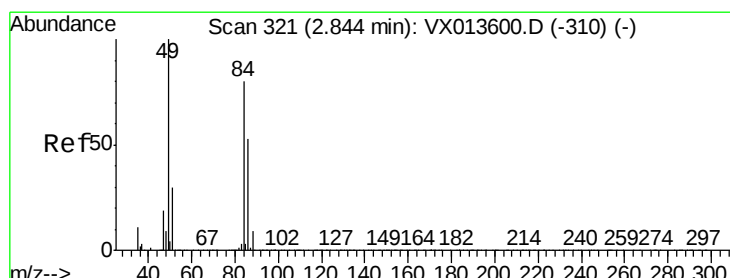
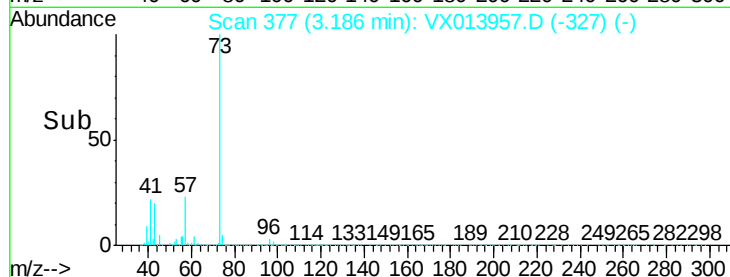
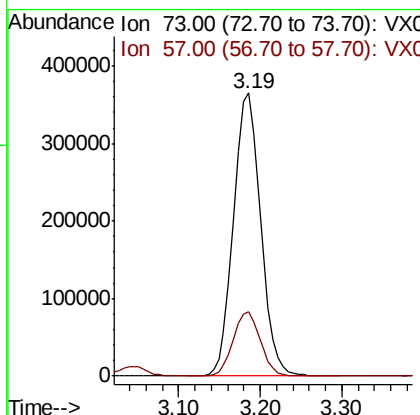
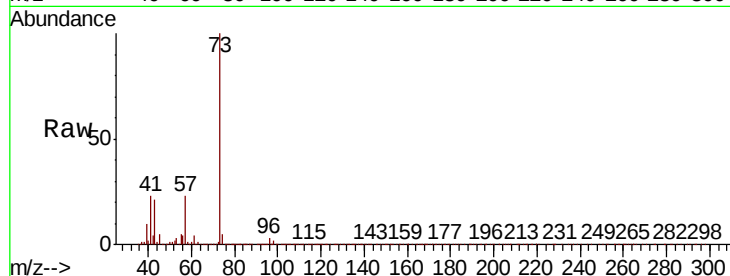
#19
Methvl tert-butvl Ether
Concen: 50.579 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.3	27.5

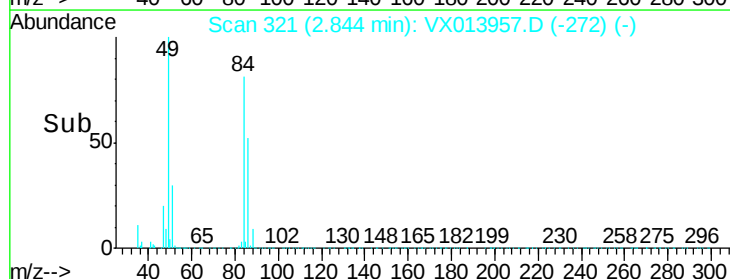
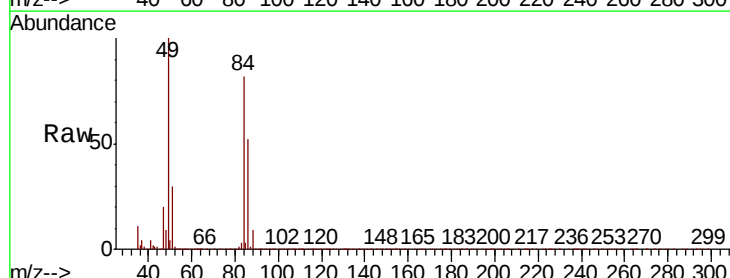
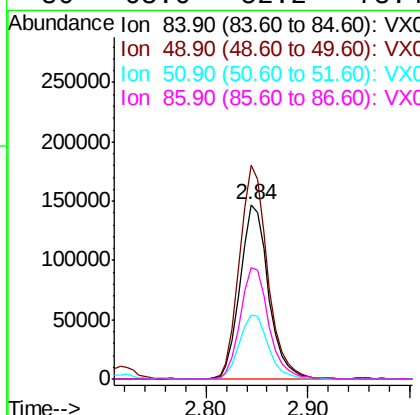
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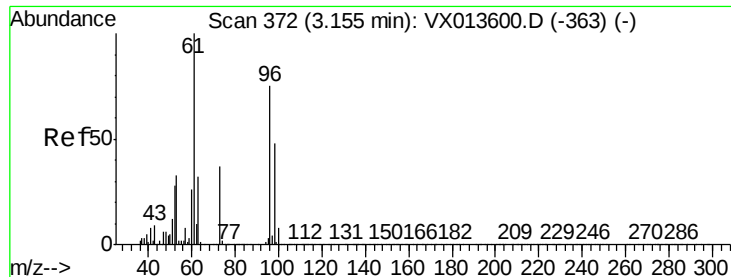
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#20
Methylene Chloride
Concen: 48.855 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.4	99.7	149.5
51	36.4	29.9	44.9
86	63.6	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 46.402 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

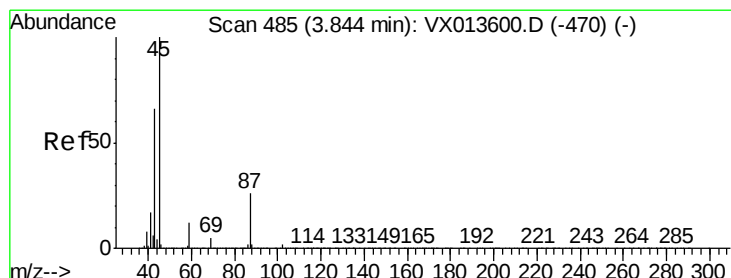
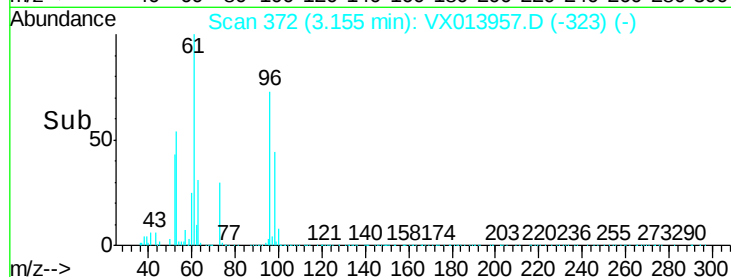
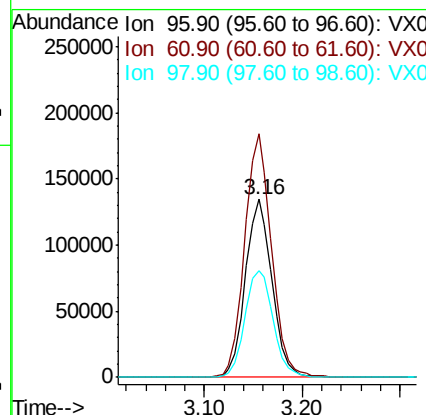
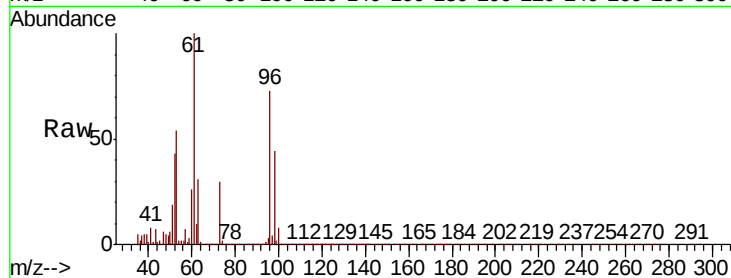
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	253254
Ion	Ratio	Lower	Upper
96	100		
61	136.7	107.2	160.8
98	60.1	51.4	77.0

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#22

Diisopropyl ether

Concen: 52.089 ug/l

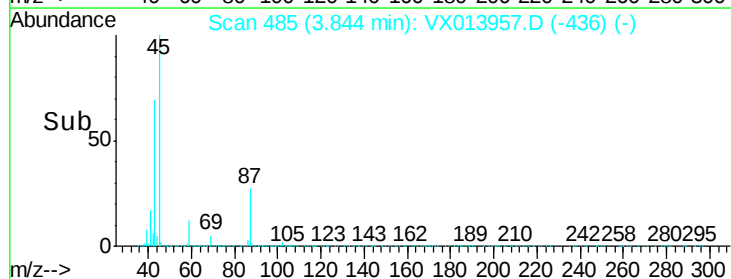
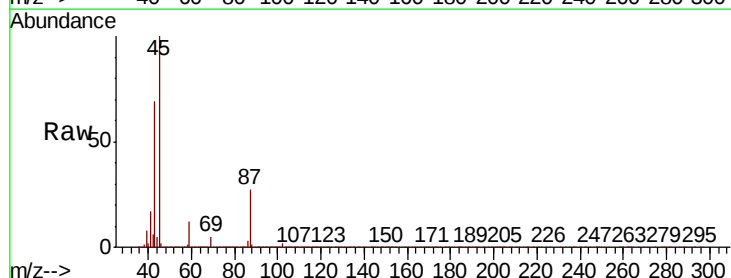
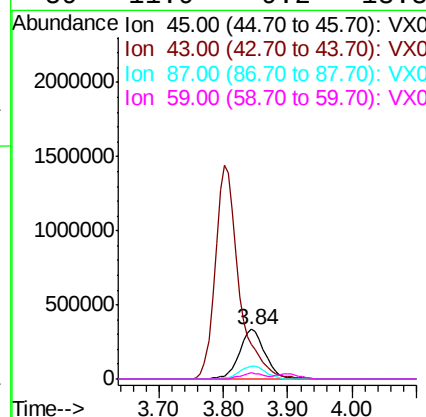
RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Tgt Ion:	45	Resp:	911914
Ion	Ratio	Lower	Upper
45	100		
43	68.5	52.6	79.0
87	26.8	21.1	31.7
59	11.9	9.2	13.8





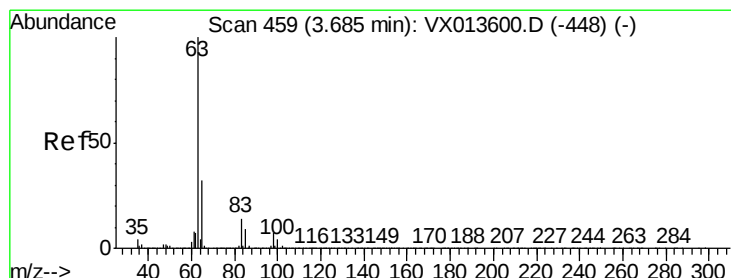
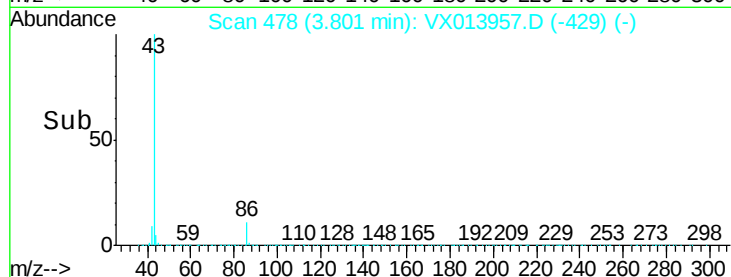
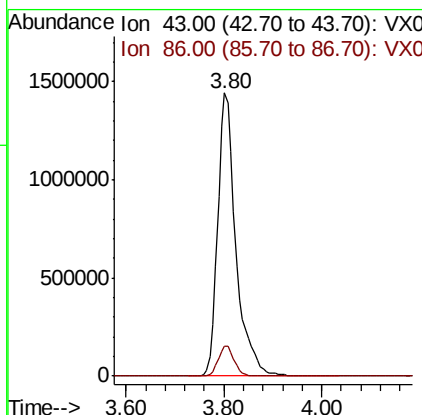
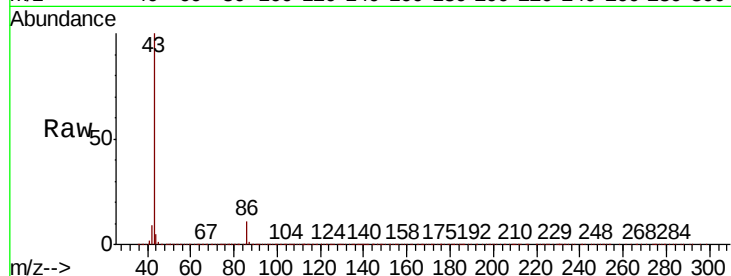
#23
 Vinyl Acetate
 Concen: 255.994 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX013957.D
 Acq: 11 Dec 2019 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 3728262
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.7 13.1

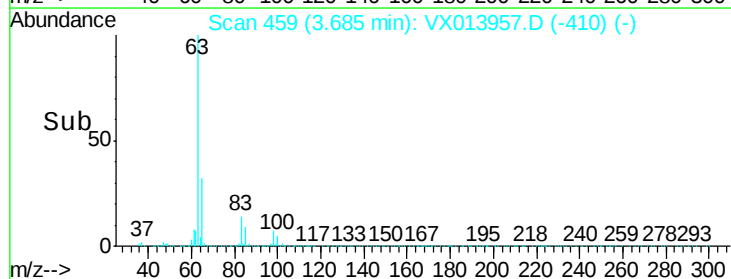
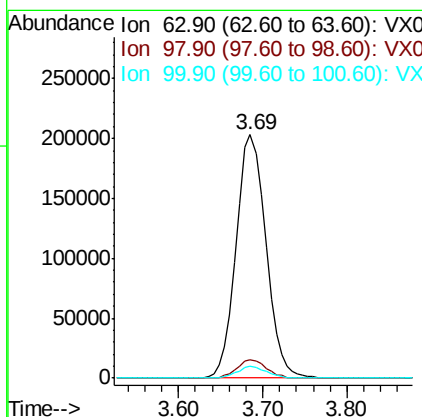
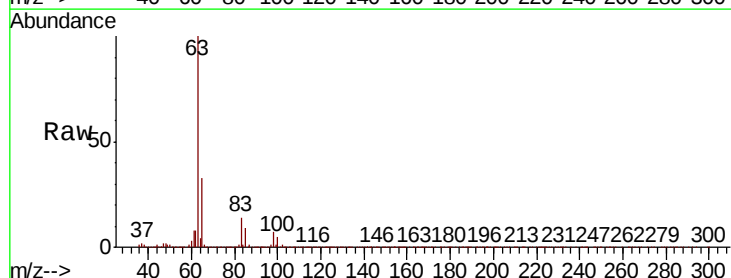
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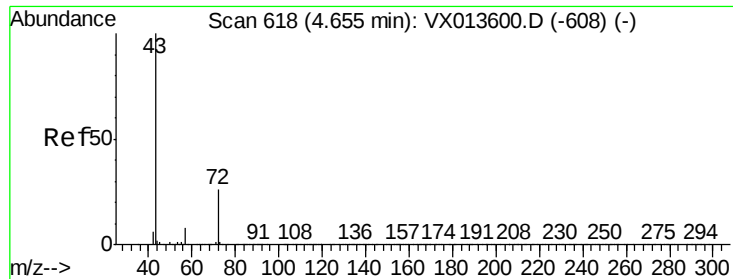
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#24
 1,1-Dichloroethane
 Concen: 50.750 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX013957.D
 Acq: 11 Dec 2019 21:24

Tgt Ion: 63 Resp: 485700
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.6 2.1 6.3





#25

2-Butanone

Concen: 249.801 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1120064

Ion Ratio Lower Upper

43 100

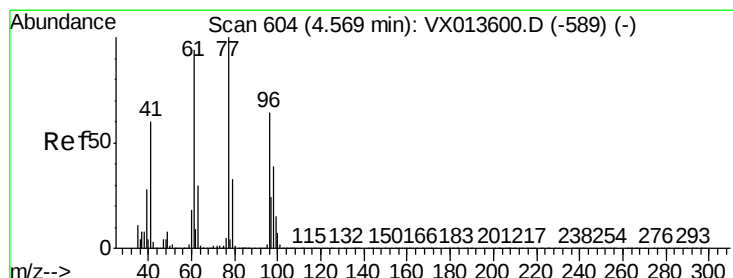
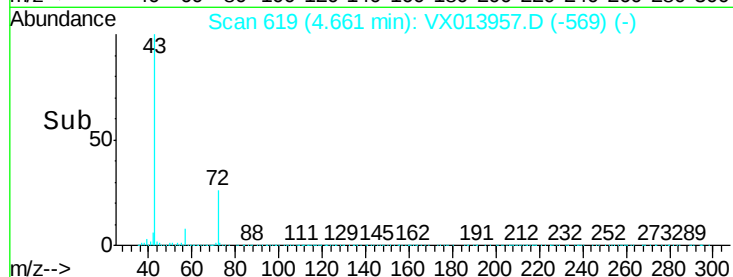
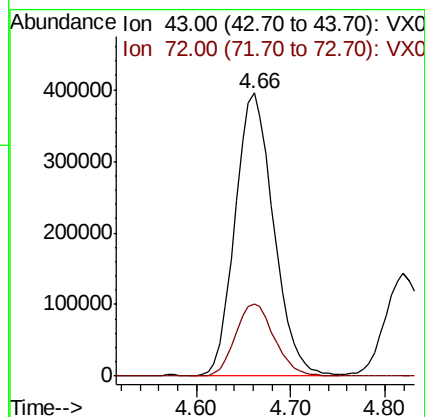
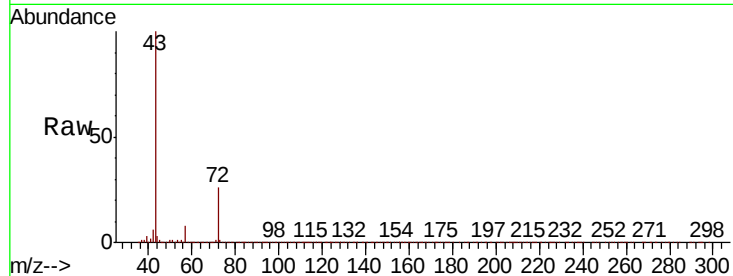
72 25.5 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 44.810 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013957.D

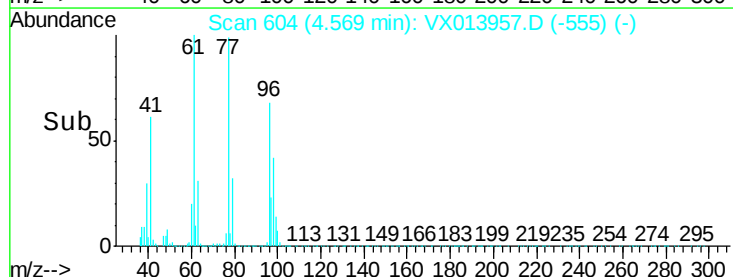
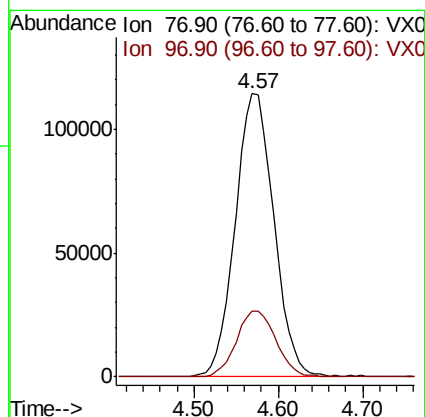
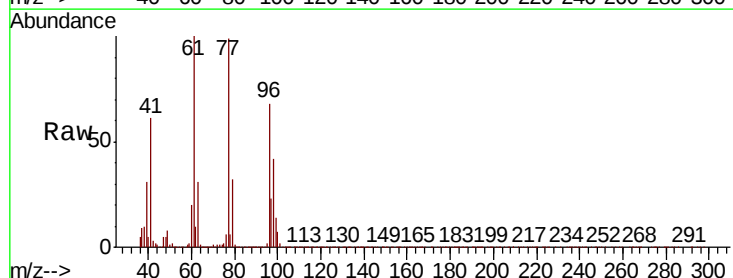
Acq: 11 Dec 2019 21:24

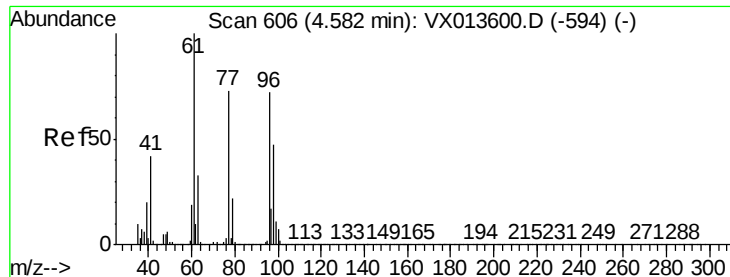
Tgt Ion: 77 Resp: 354815

Ion Ratio Lower Upper

77 100

97 23.9 12.0 36.1





#27

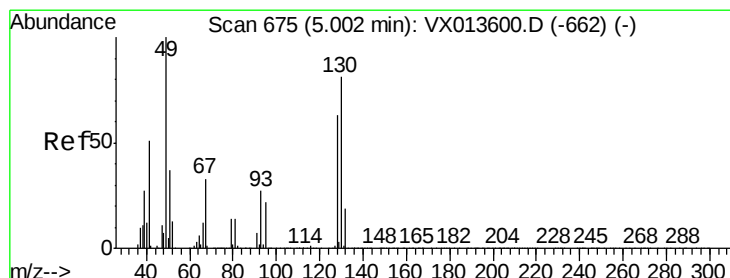
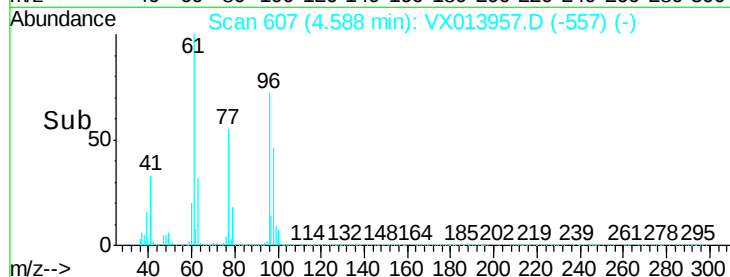
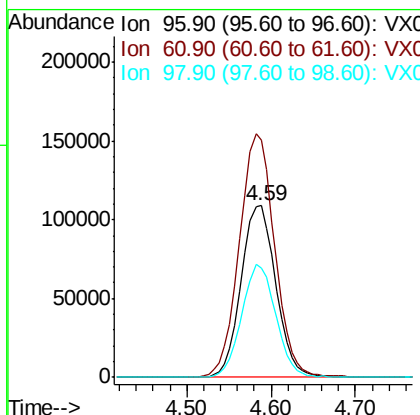
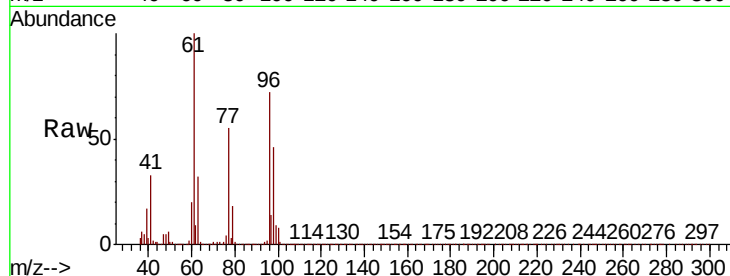
cis-1,2-Dichloroethene
Concen: 48.471 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	143.6	0.0	286.4
98	64.8	0.0	127.4

Manual Integrations
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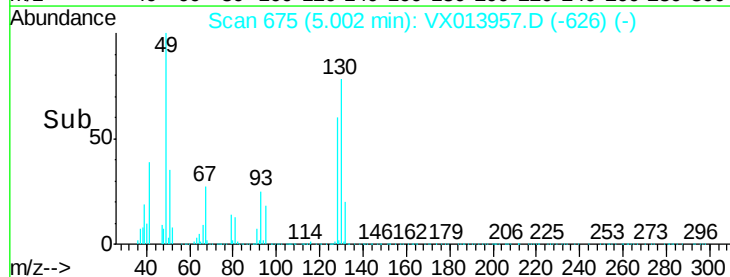
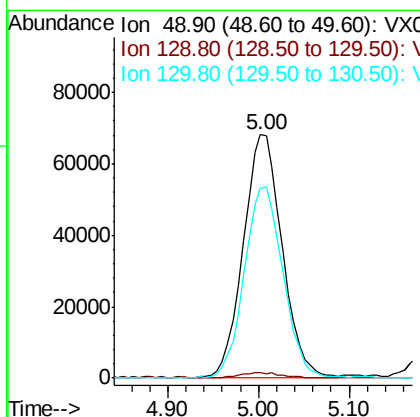
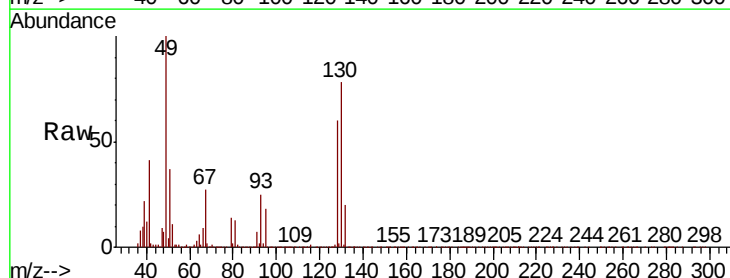
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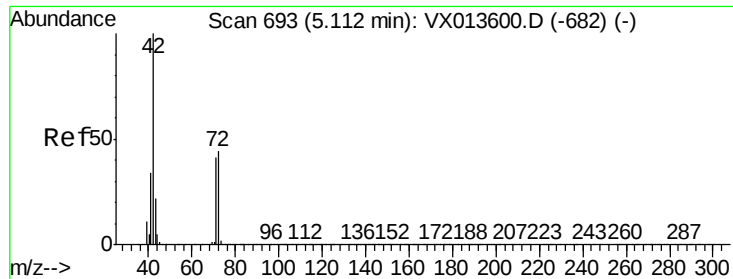


#28

Bromochloromethane
Concen: 53.154 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	2.6	0.0	5.0
130	79.1	65.4	98.0





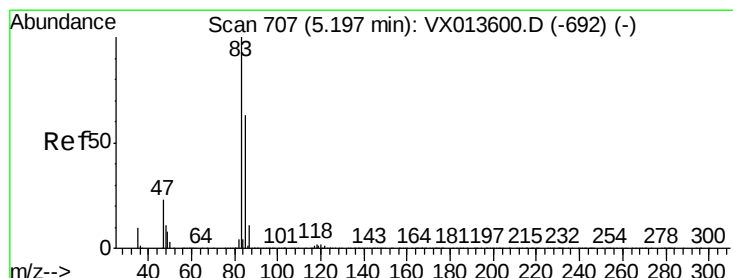
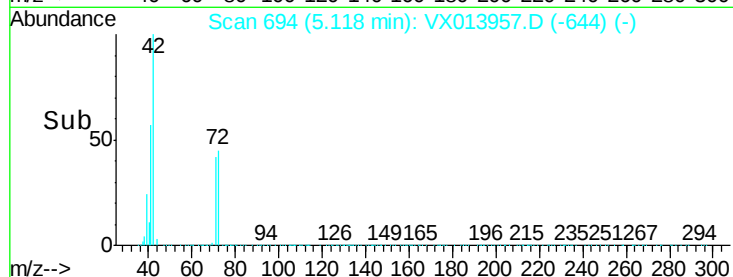
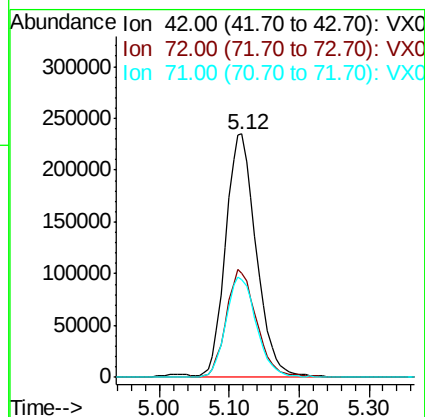
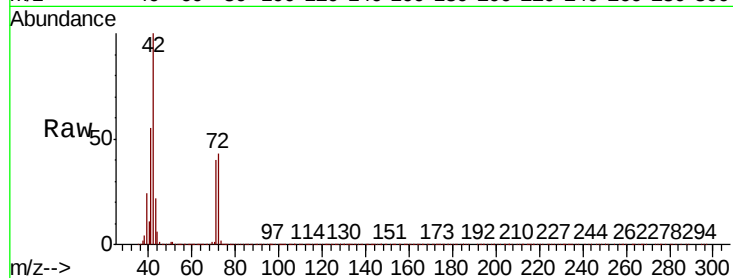
#29
Tetrahydrofuran
Concen: 256.552 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	36.3	54.5
71	41.1	33.2	49.8

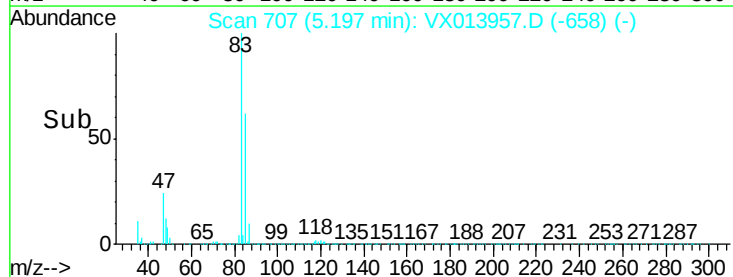
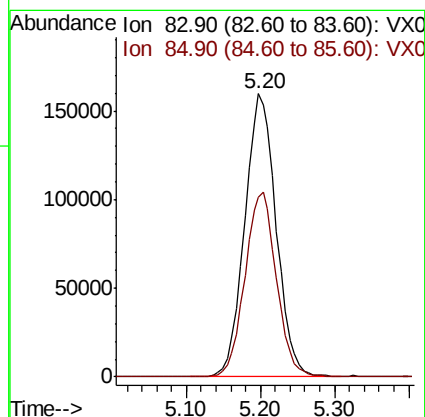
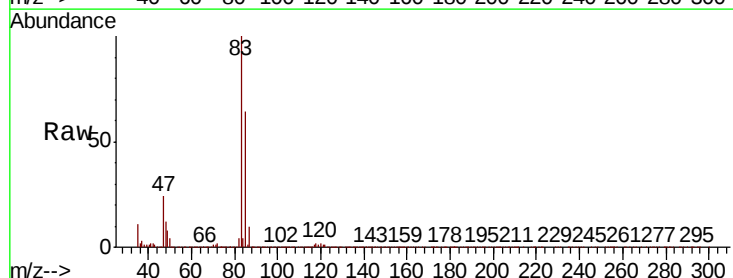
Manual Integrations
APPROVED

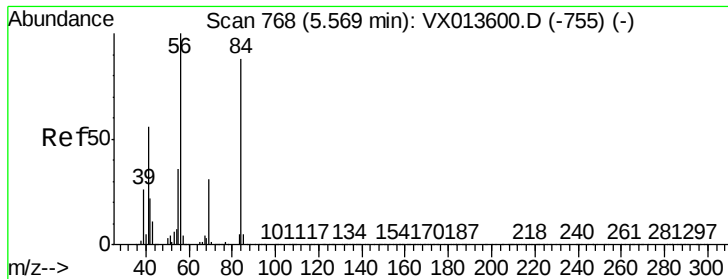
apatel
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#30
Chloroform
Concen: 48.723 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.2	75.4





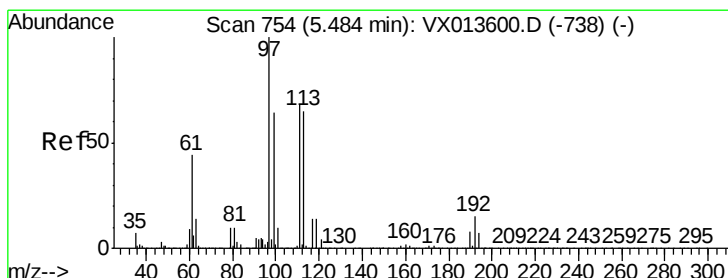
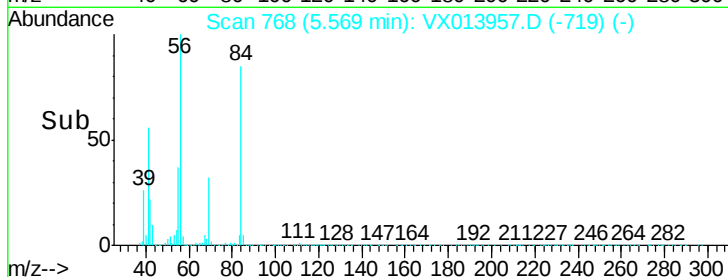
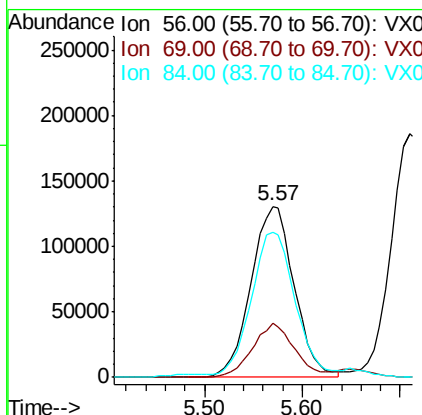
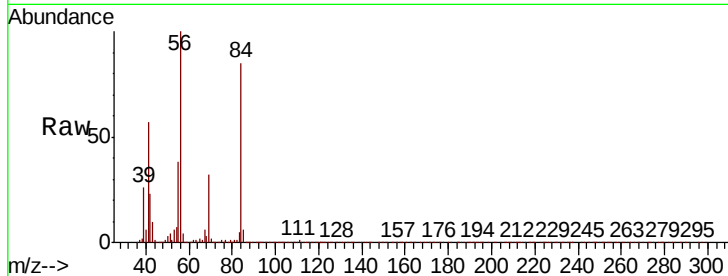
#31
Cyclohexane
Concen: 44.378 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.7	24.6	36.8
84	83.6	70.0	105.0

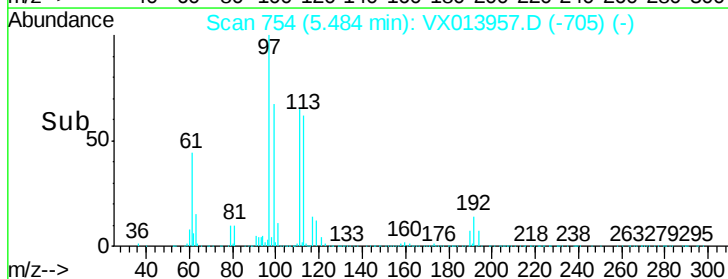
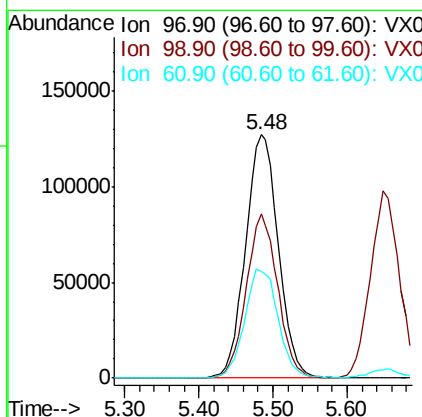
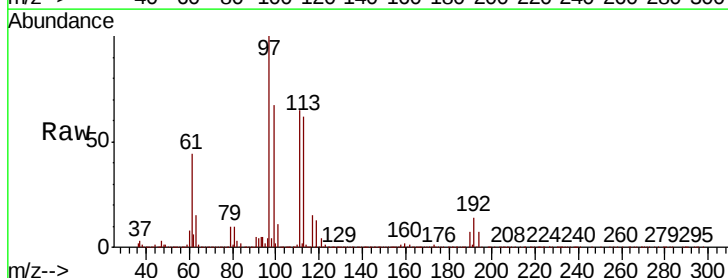
Manual Integrations
APPROVED

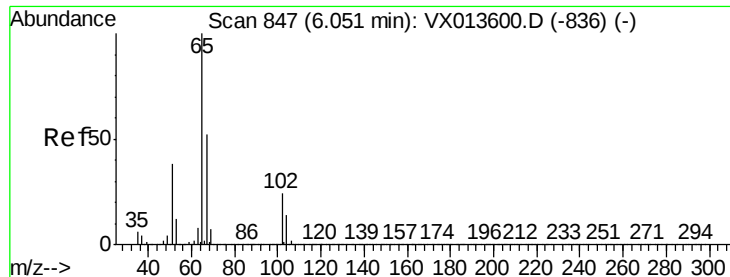
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#32
1,1,1-Trichloroethane
Concen: 48.237 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	45.7	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 44.499 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 271925

Ion Ratio Lower Upper

65 100

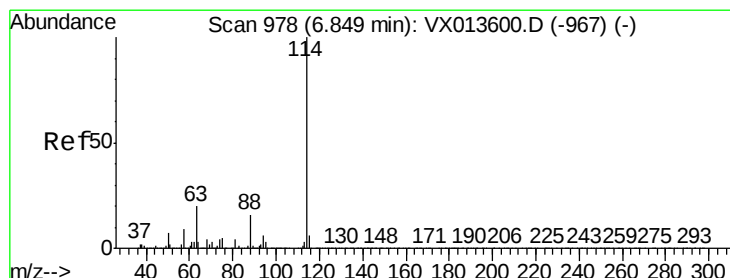
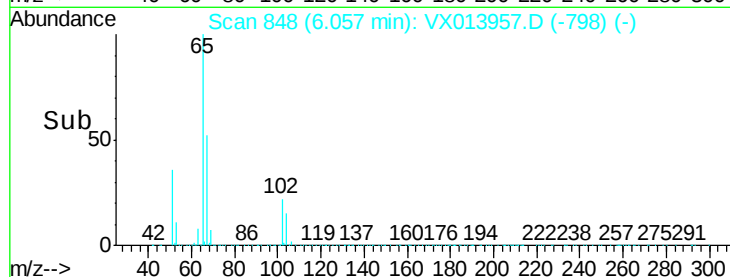
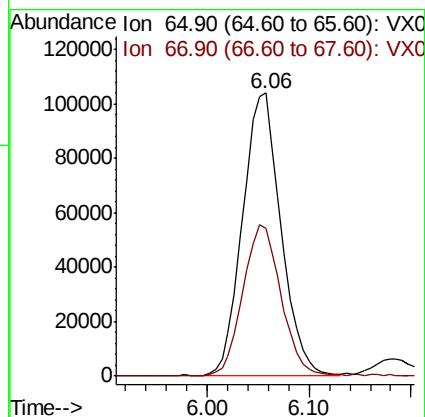
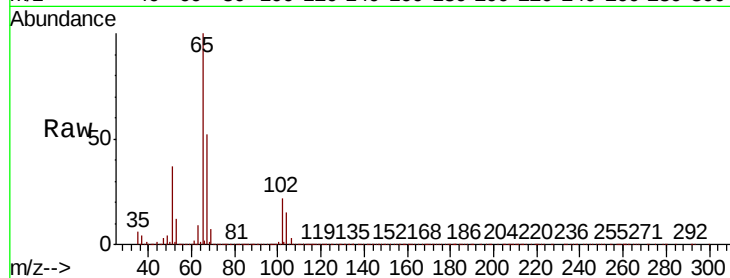
67 52.4 0.0 104.4

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: VX013957.D

Acq: 11 Dec 2019 21:24

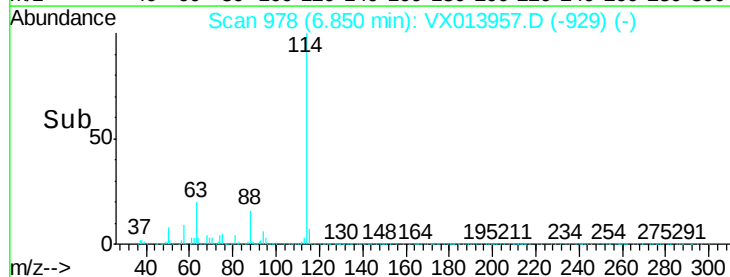
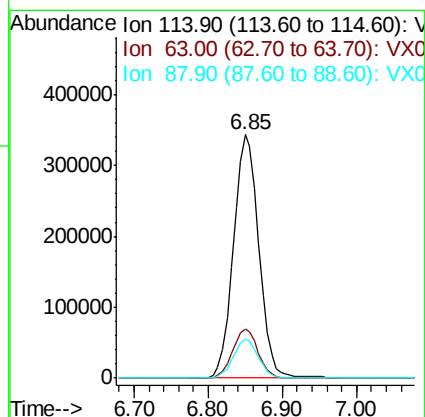
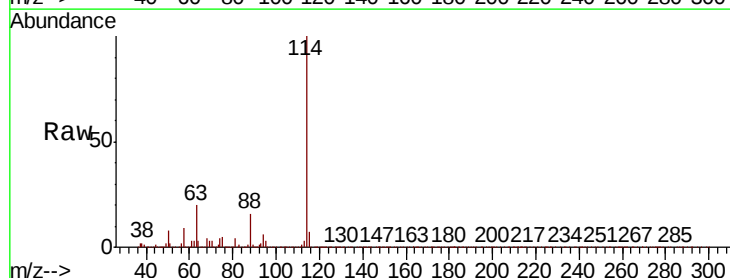
Tgt Ion: 114 Resp: 821096

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.074 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

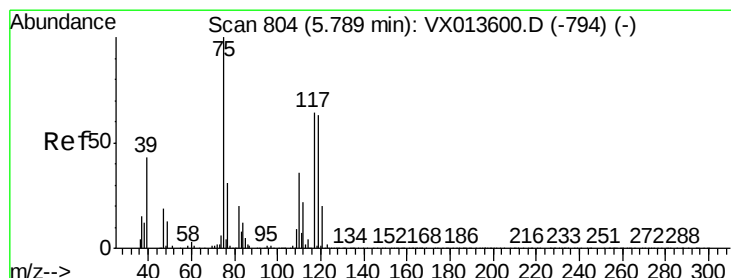
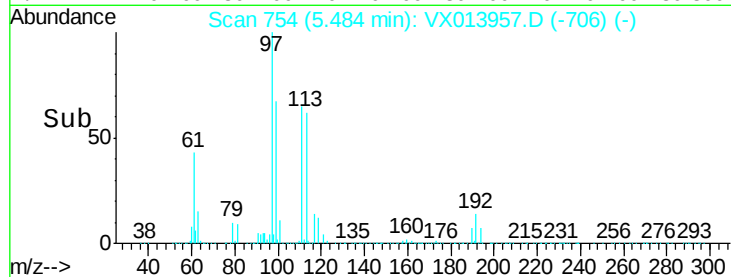
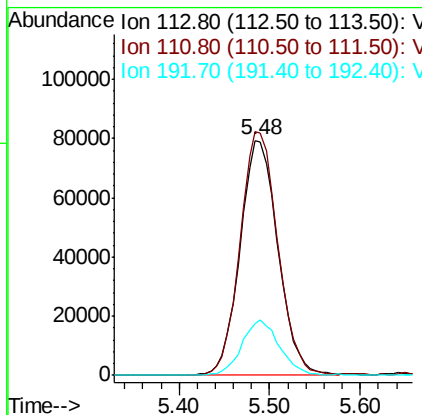
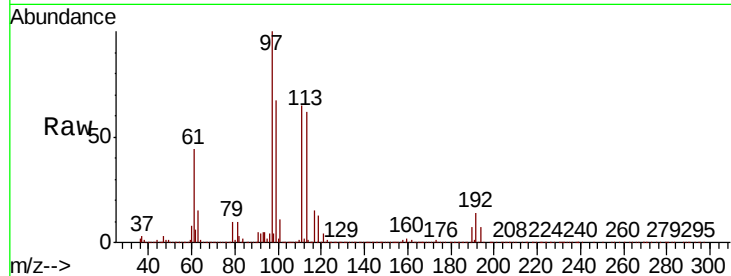
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	228800
Ion Ratio	Lower	Upper	
113	100		
111	103.8	83.6	125.4
192	23.4	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.238 ug/l

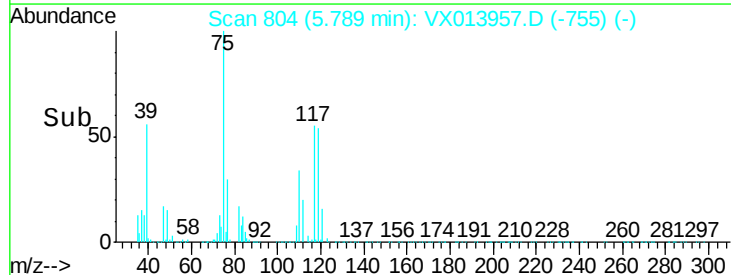
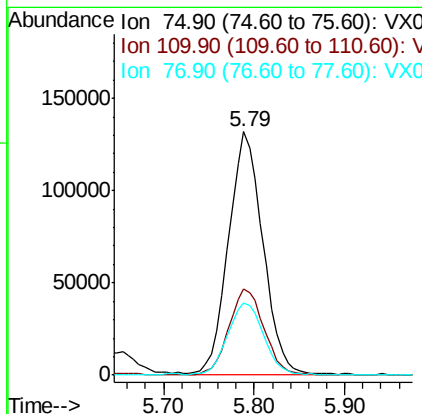
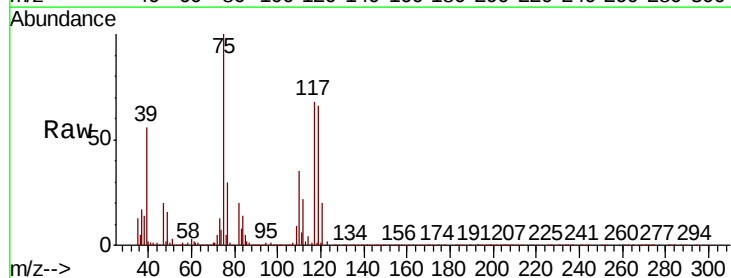
RT: 5.79 min Scan# 804

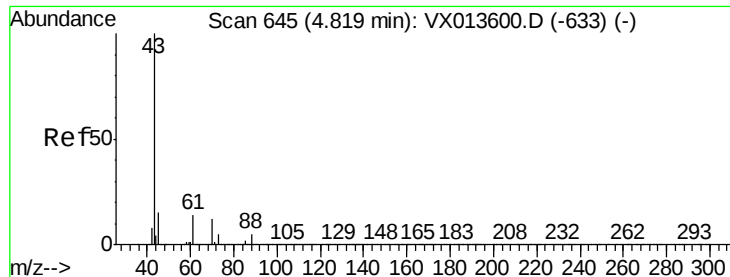
Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Tgt Ion:	75	Resp:	344634
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.1	54.1
77	30.7	24.5	36.7





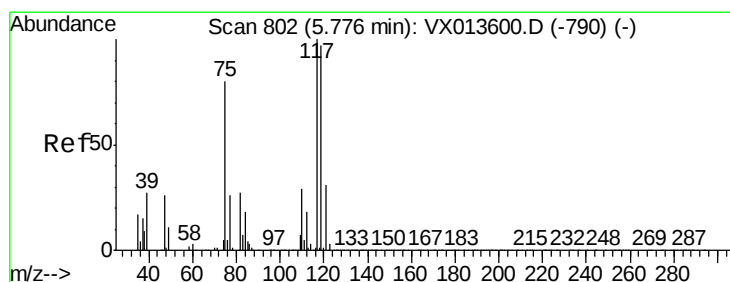
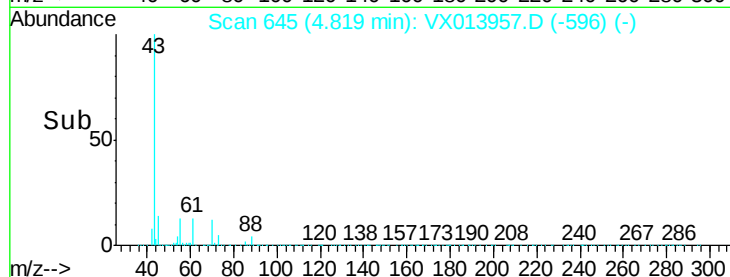
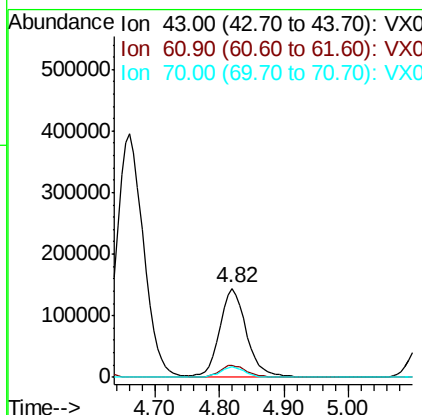
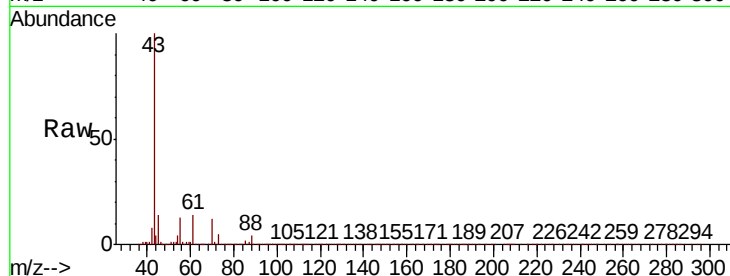
#37
Ethyl Acetate
Concen: 50.327 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.4
70	10.5	8.6	12.8

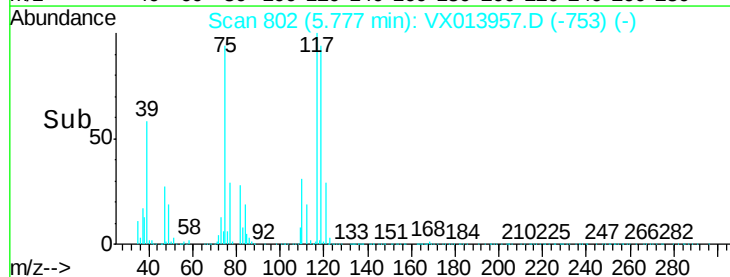
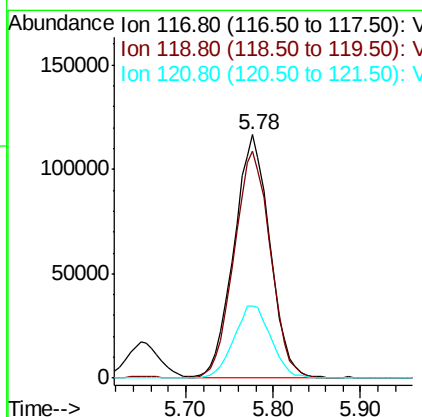
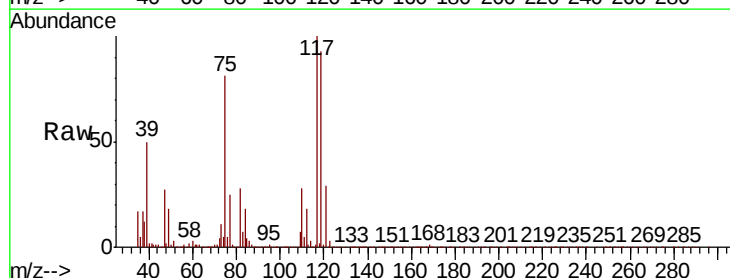
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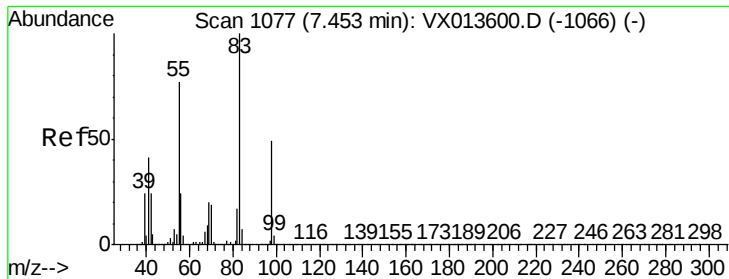
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#38
Carbon Tetrachloride
Concen: 48.115 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	77.5	116.3
121	29.4	25.0	37.6





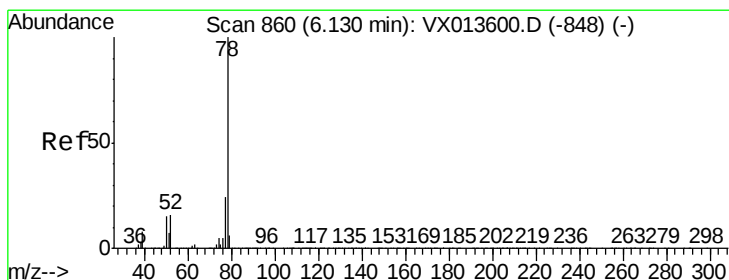
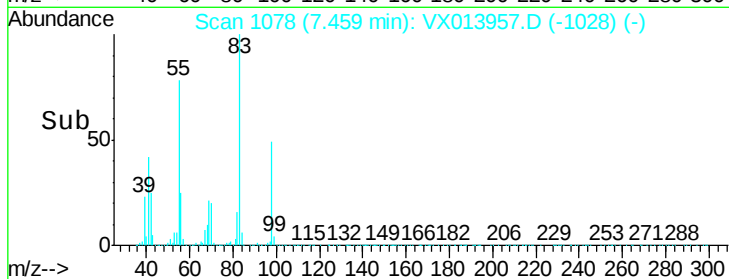
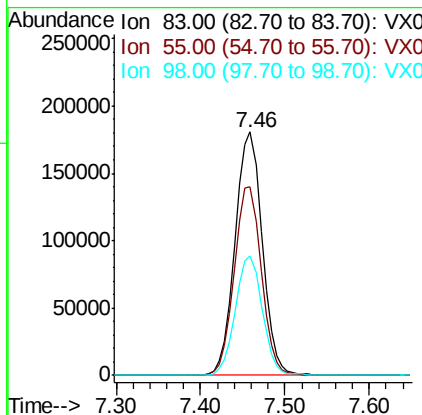
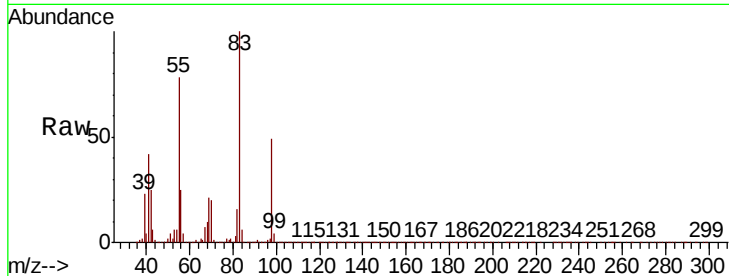
#39
Methvlcvclohexane
Concen: 42.765 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	61.9	92.9
98	49.1	39.4	59.0

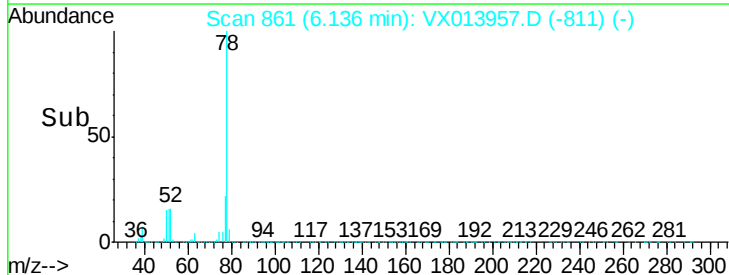
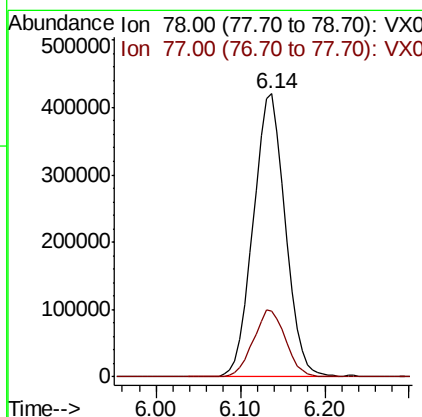
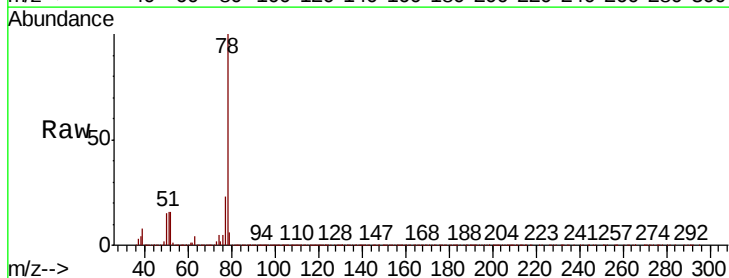
Manual Integrations
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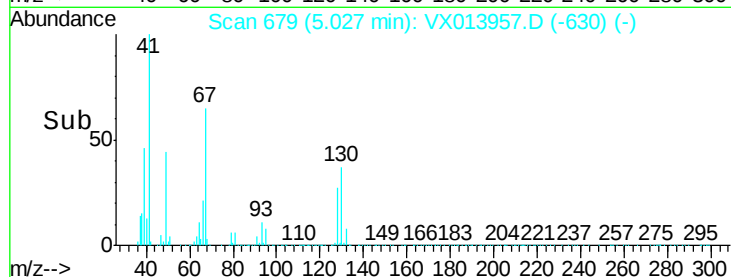
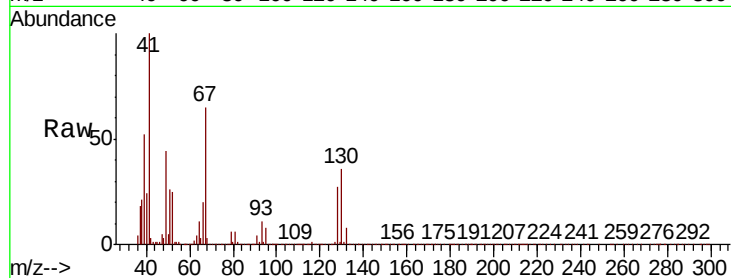
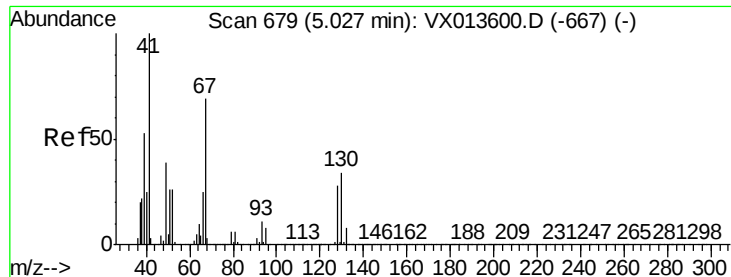
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#40
Benzene
Concen: 48.068 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.4





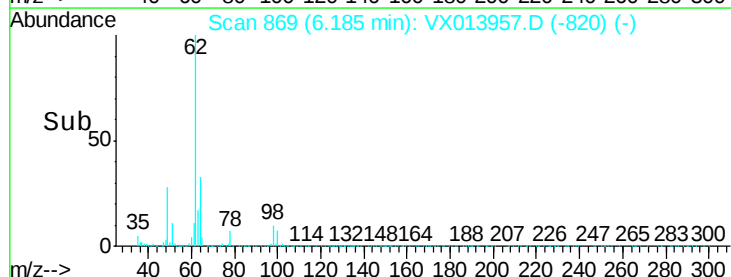
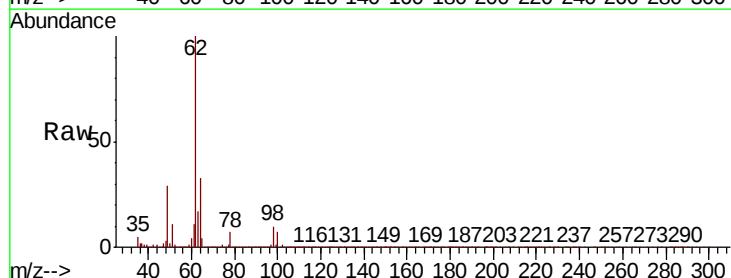
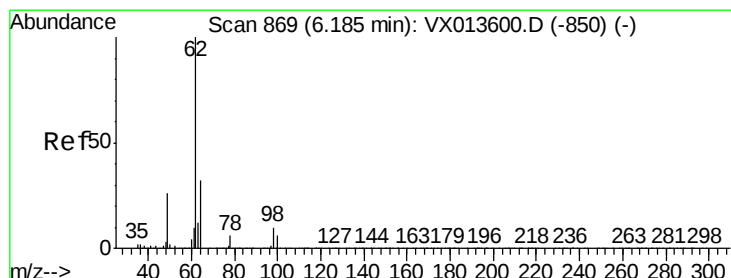
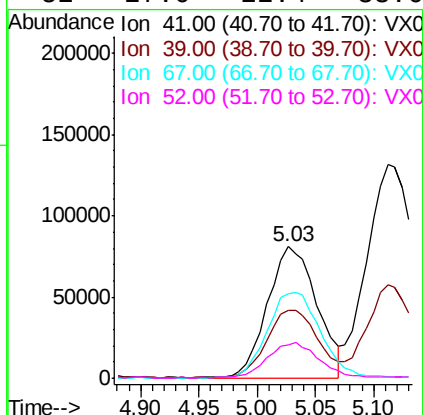
#41
Methacrylonitrile
Concen: 52.175 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		239261		
39	54.2	42.9	64.3		
67	70.6	57.4	86.0		
52	27.0	22.4	33.6		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

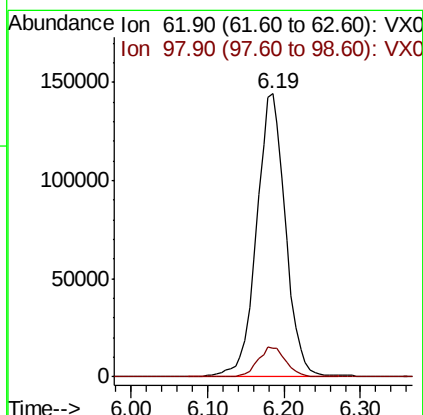
Manual Integrations
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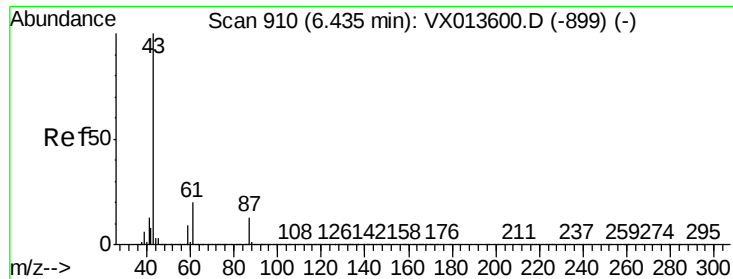
apatel
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#42
1,2-Dichloroethane
Concen: 48.950 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		378969		
98	10.1	0.0	20.8		





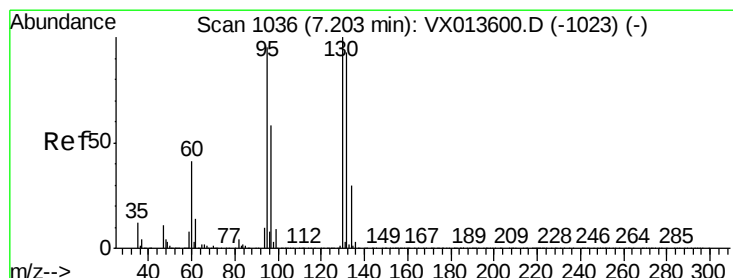
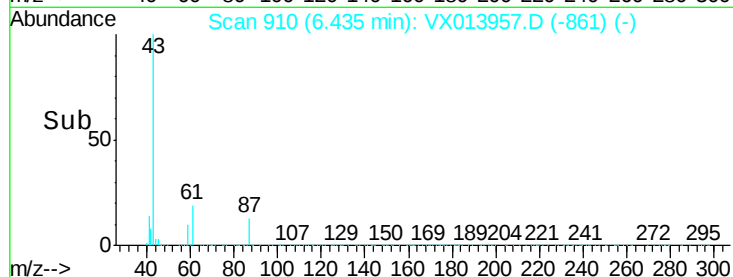
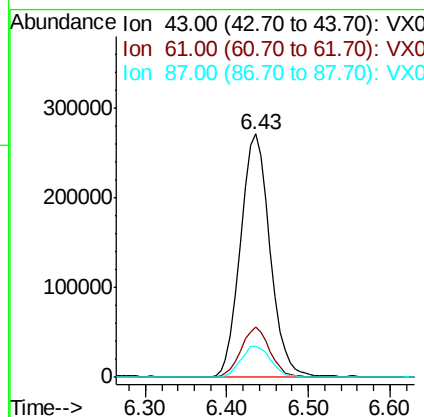
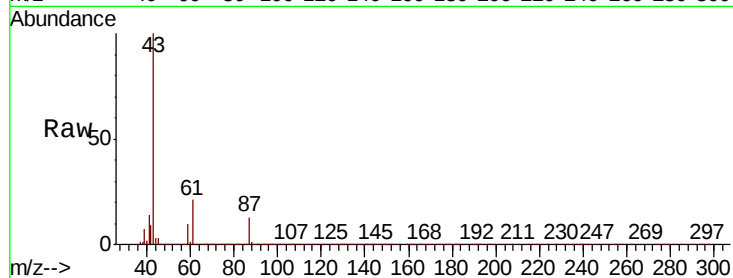
#43
Isopropyl Acetate
Concen: 49.203 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.3	24.5
87	13.4	10.8	16.2

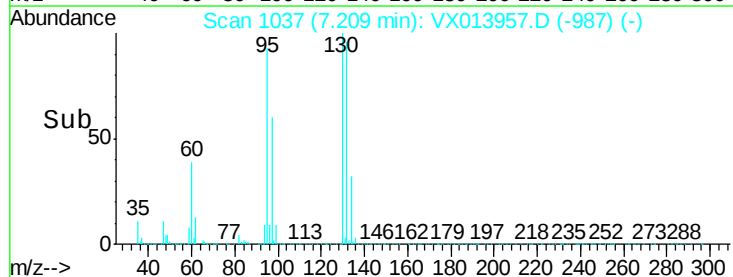
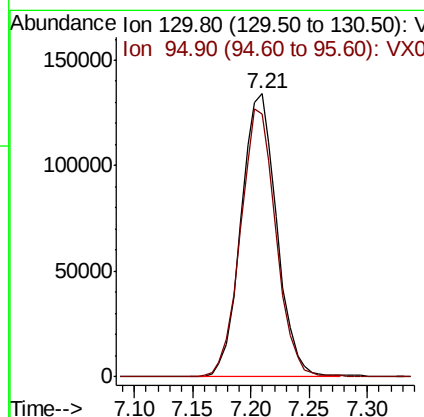
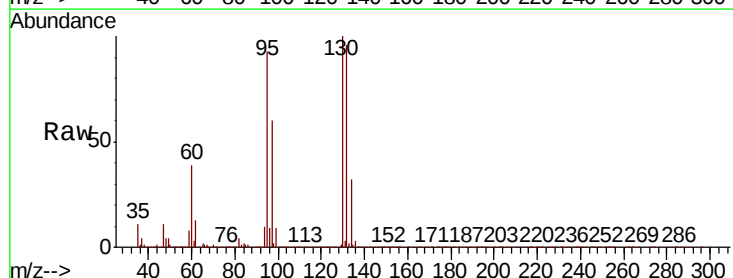
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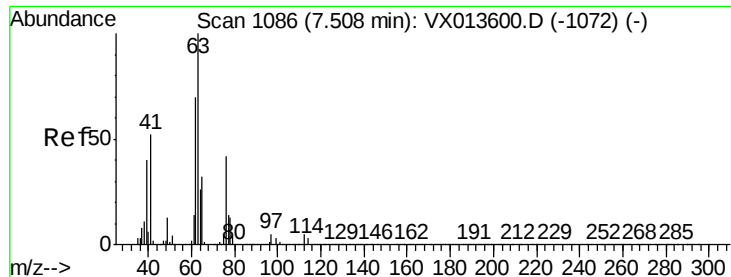
apatel
12/12/2019 9:26:44 AM



#44
Trichloroethene
Concen: 45.966 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	190.8





#45

1,2-Dichloropropane

Concen: 51.158 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 290563

Ion Ratio Lower Upper

63 100

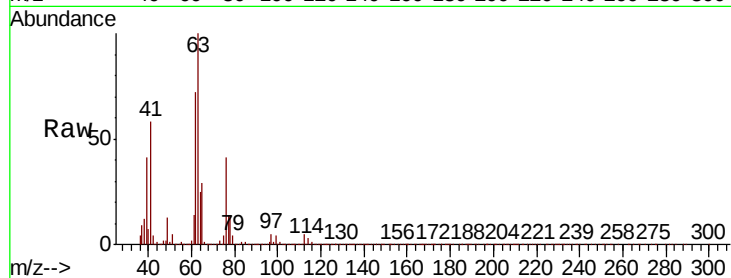
65 29.2 25.5 38.3

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

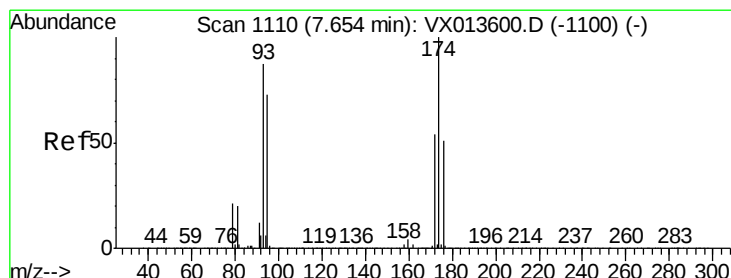
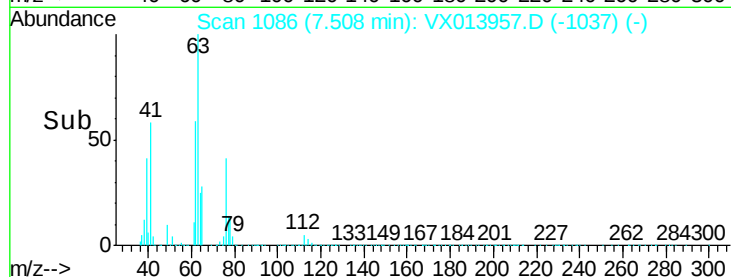
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 48.473 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

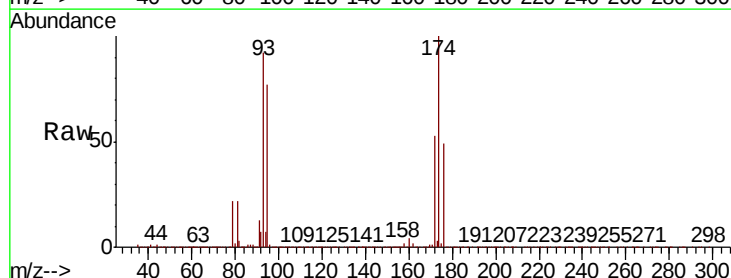
Tgt Ion: 93 Resp: 186987

Ion Ratio Lower Upper

93 100

95 82.0 66.2 99.2

174 112.1 93.4 140.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

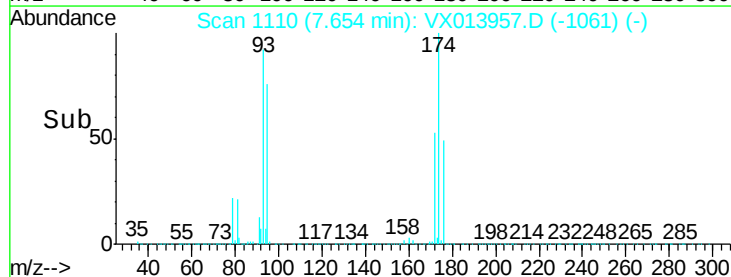
7.65

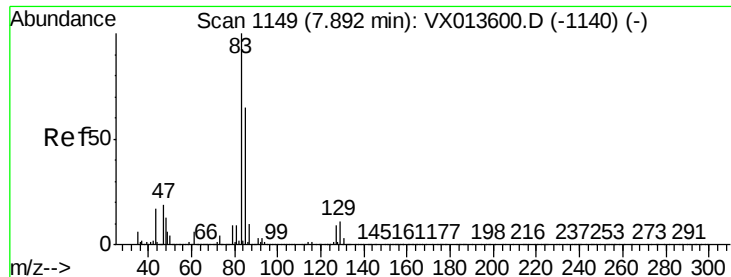
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 50.131 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

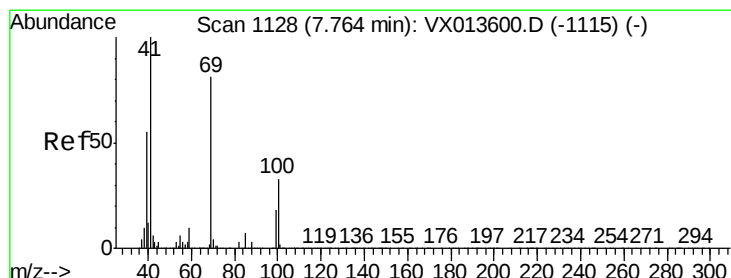
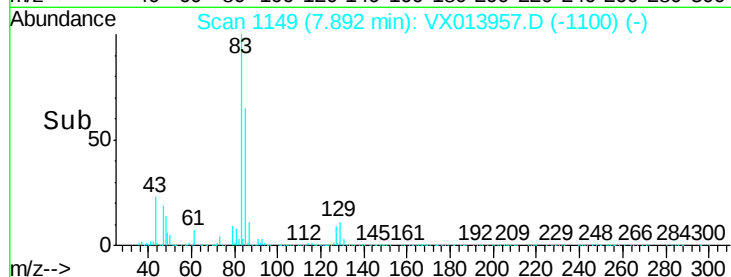
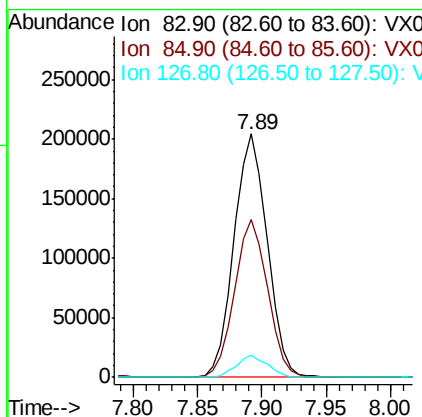
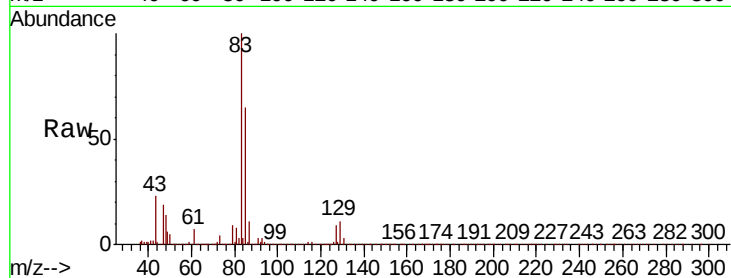
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	365581
Ion Ratio	Lower	Upper	
83	100		
85	64.8	52.1	78.1
127	9.1	7.0	10.4

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#48

Methyl methacrylate

Concen: 51.389 ug/l

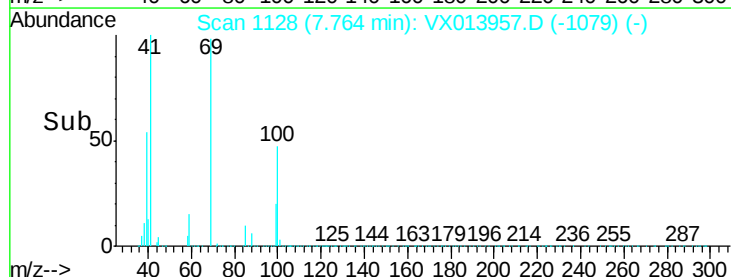
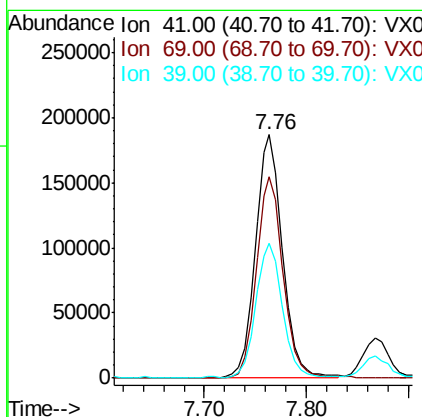
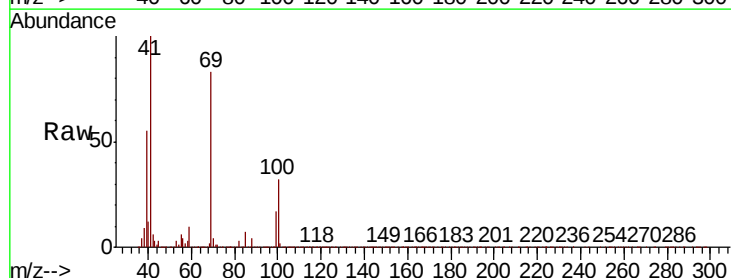
RT: 7.76 min Scan# 1128

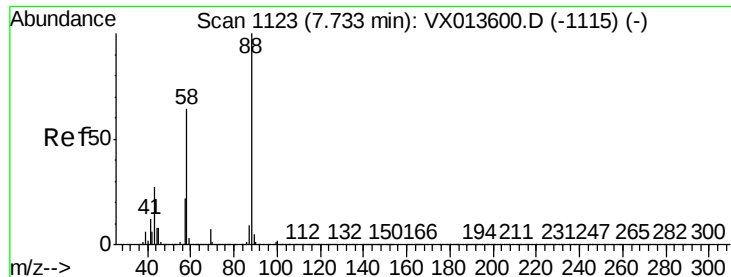
Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Tgt Ion:	41	Resp:	343717
Ion Ratio	Lower	Upper	
41	100		
69	82.1	64.7	97.1
39	54.2	43.8	65.6





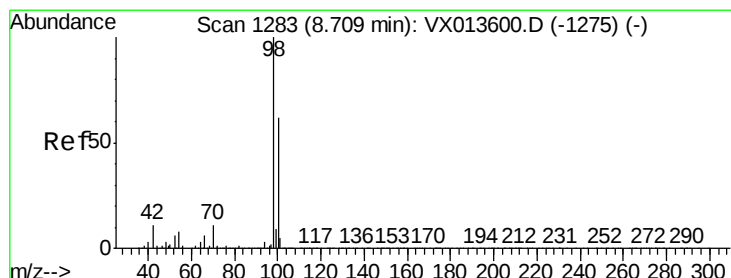
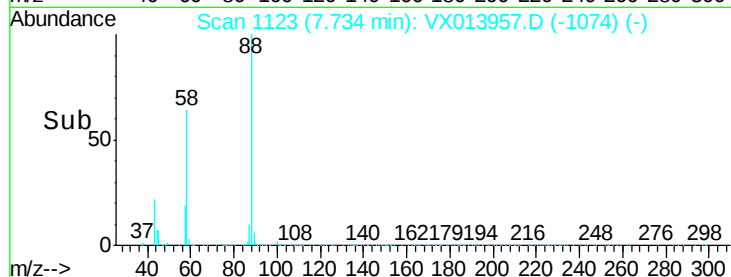
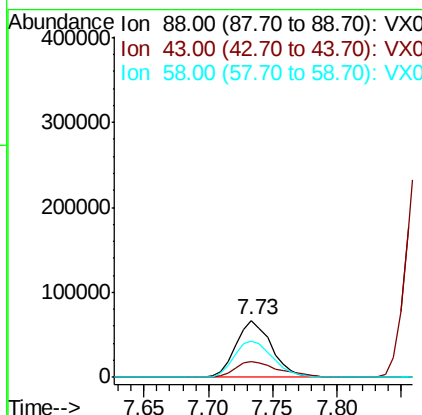
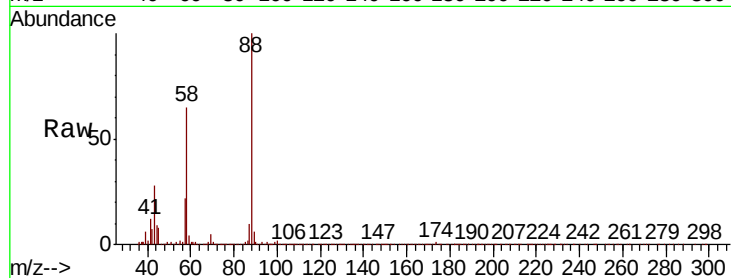
#49
1,4-Dioxane
Concen: 843.759 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	88	Resp:	126324
Ion Ratio	Lower	Upper	
88	100		
43	33.8	25.8	38.6
58	70.5	54.6	82.0

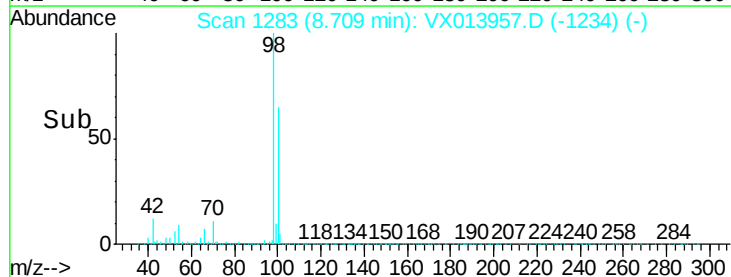
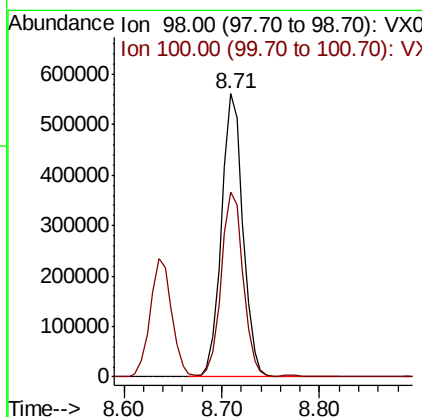
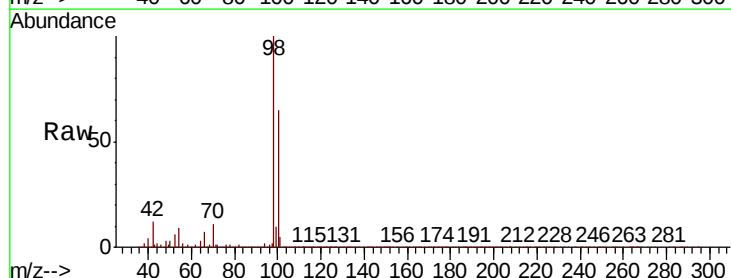
Manual Integrations
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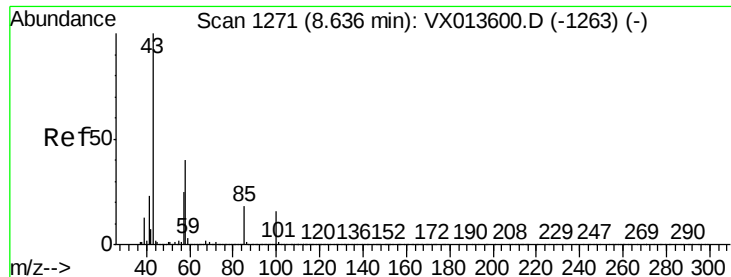
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#50
Toluene-d8
Concen: 43.187 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion:	98	Resp:	854109
Ion Ratio	Lower	Upper	
98	100		
100	65.7	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 256.967 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2225112

Ion Ratio Lower Upper

43 100

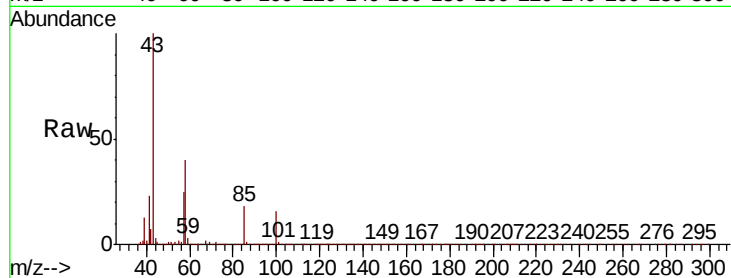
58 39.7 32.1 48.1

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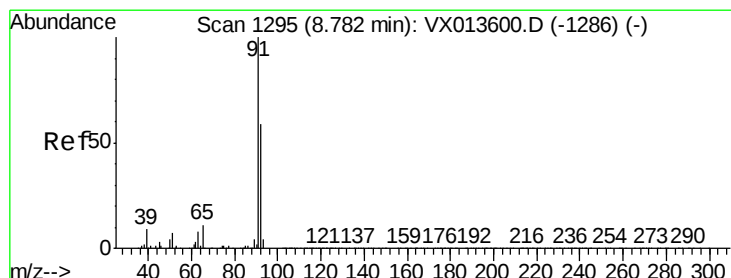
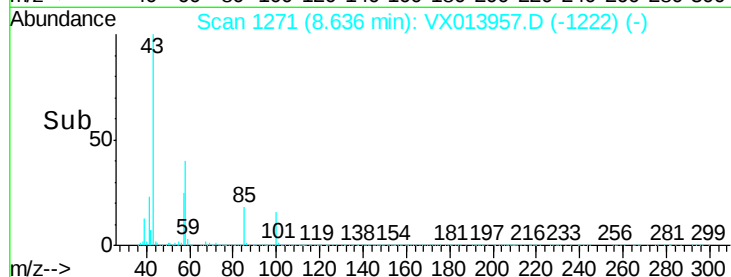
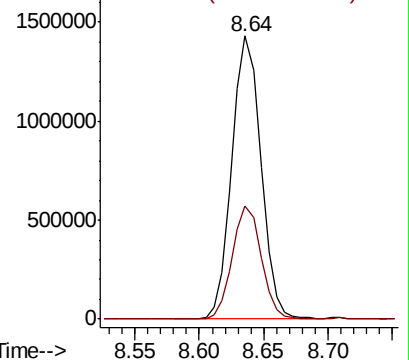
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.123 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013957.D

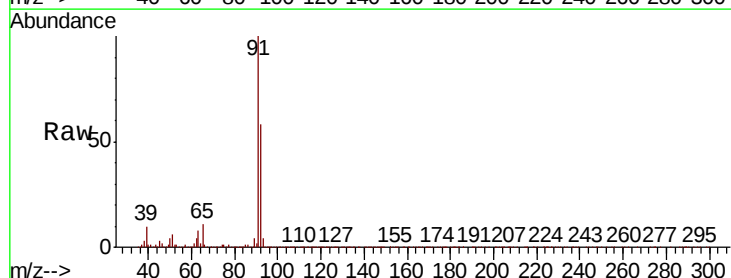
Acq: 11 Dec 2019 21:24

Tgt Ion: 92 Resp: 692762

Ion Ratio Lower Upper

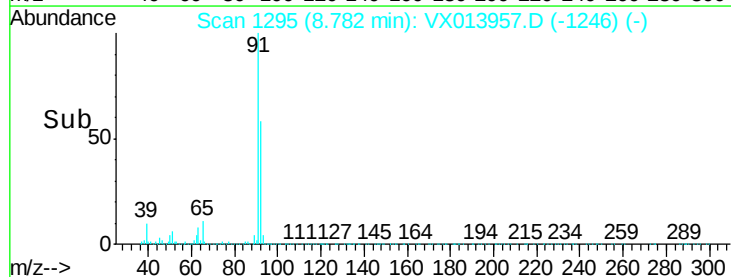
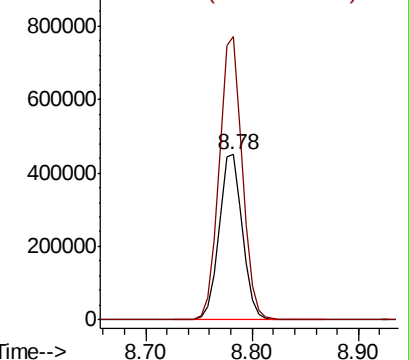
92 100

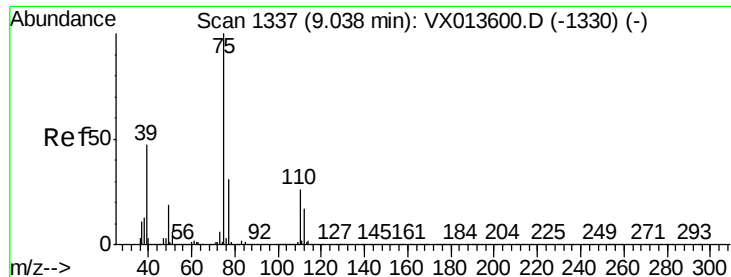
91 169.4 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





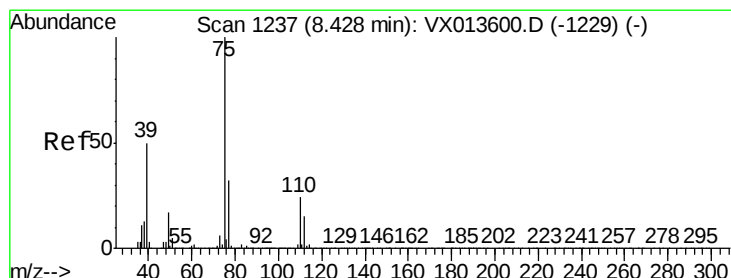
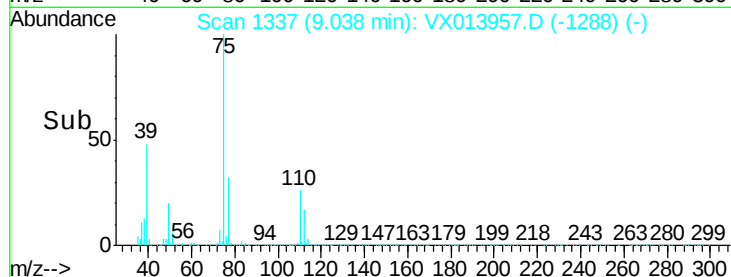
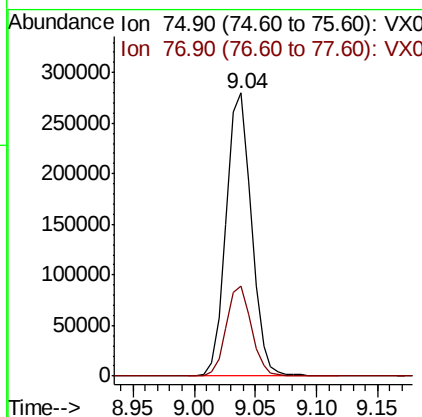
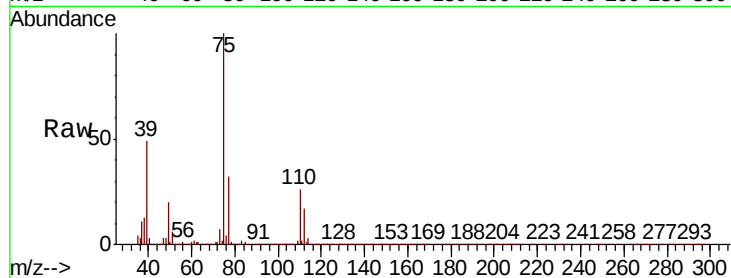
#53
t-1,3-Dichloropropene
Concen: 48.201 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 400098
Ion Ratio Lower Upper
75 100
77 31.7 24.4 36.6

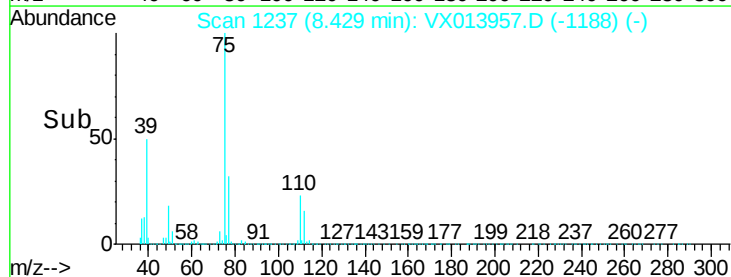
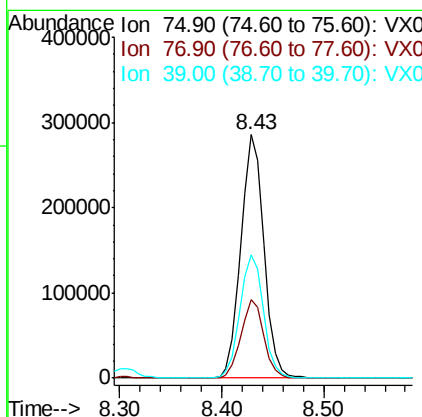
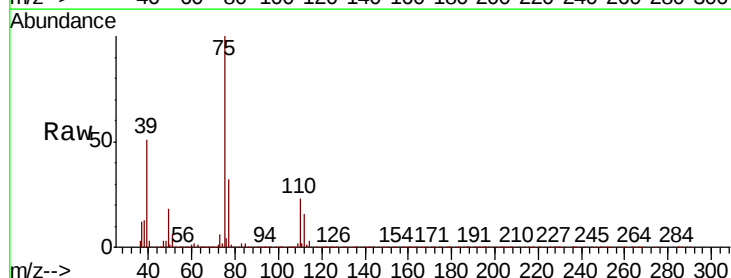
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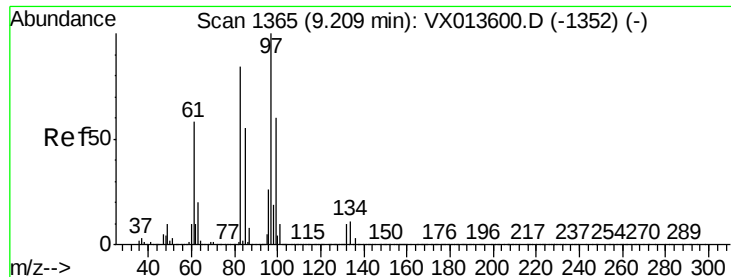
apatel
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#54
cis-1,3-Dichloropropene
Concen: 49.163 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion: 75 Resp: 445841
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6
39 50.4 39.9 59.9





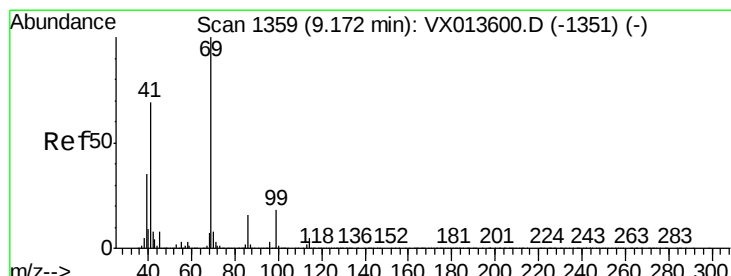
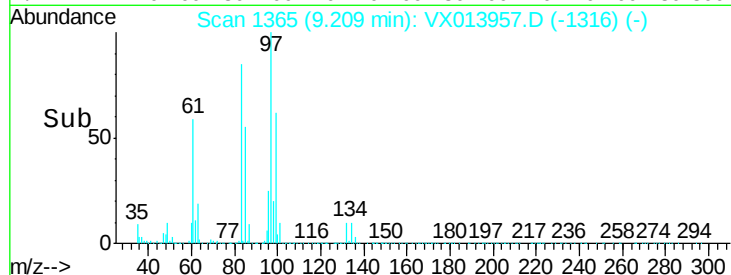
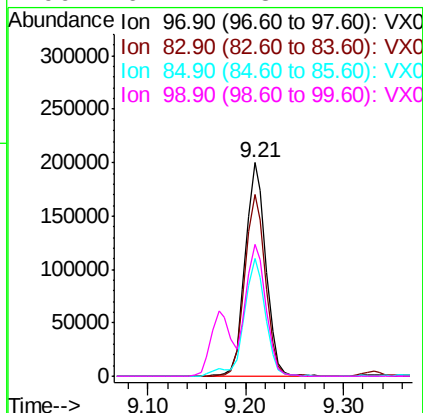
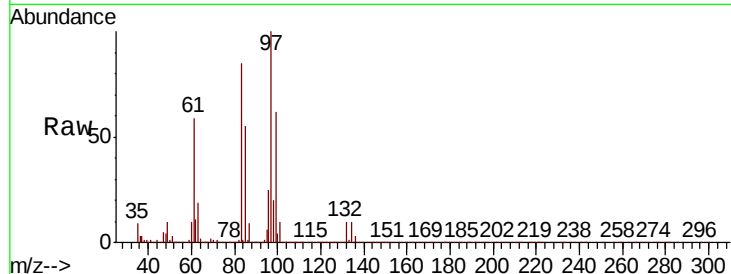
#55
 1,1,2-Trichloroethane
 Concen: 51.434 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013957.D
 Acq: 11 Dec 2019 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		292304		
83	85.3	67.3	100.9		
85	55.1	43.6	65.4		
99	61.7	48.2	72.4		

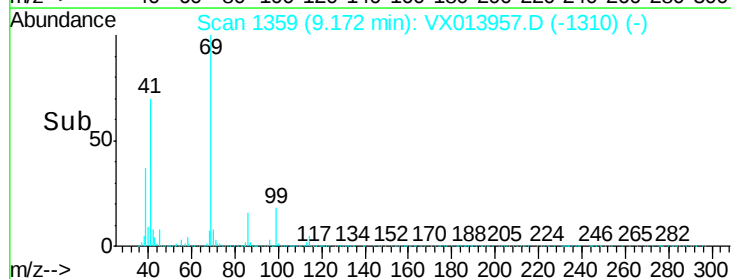
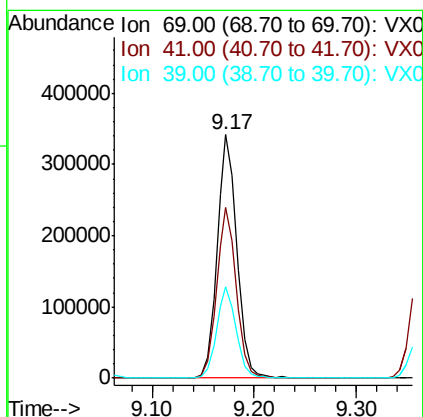
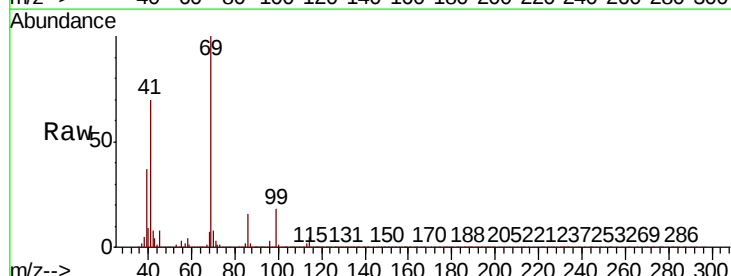
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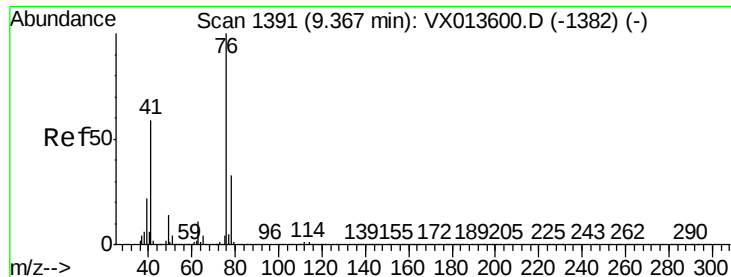
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#56
 Ethyl methacrylate
 Concen: 50.751 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013957.D
 Acq: 11 Dec 2019 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		463708		
41	69.3	55.0	82.4		
39	36.8	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 50.031 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 490093

Ion Ratio Lower Upper

76 100

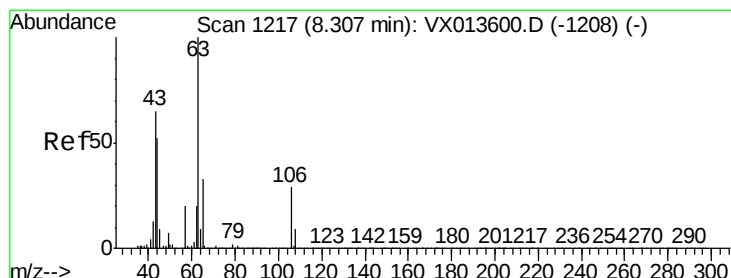
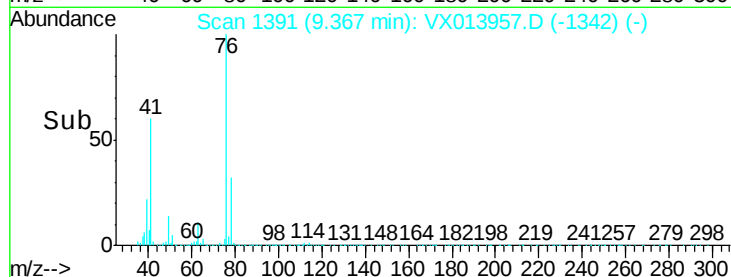
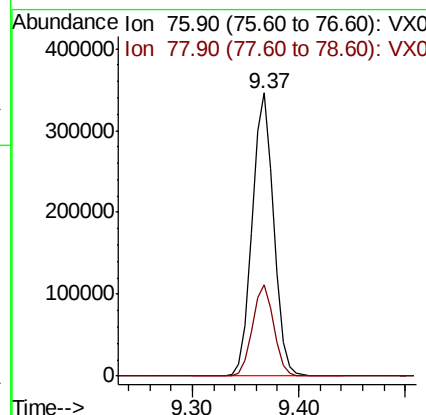
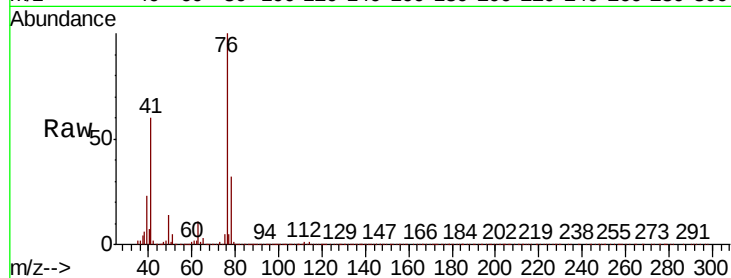
78 32.0 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 238.720 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013957.D

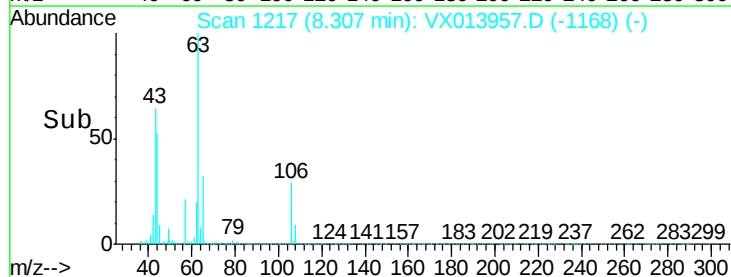
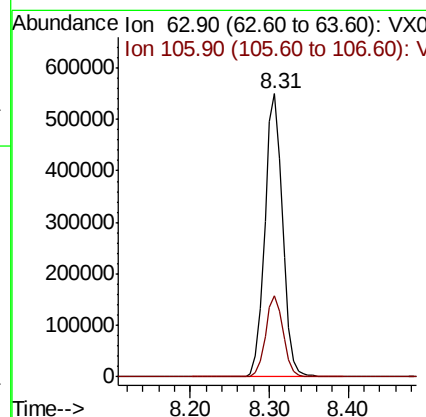
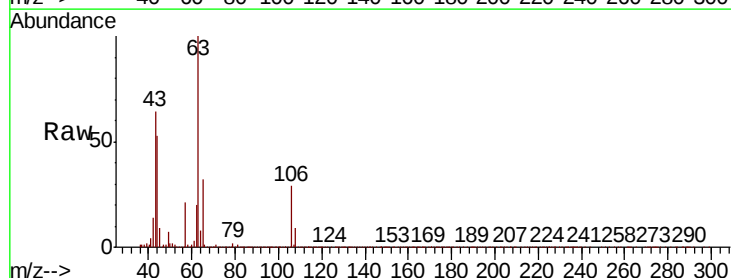
Acq: 11 Dec 2019 21:24

Tgt Ion: 63 Resp: 855189

Ion Ratio Lower Upper

63 100

106 28.5 23.4 35.0





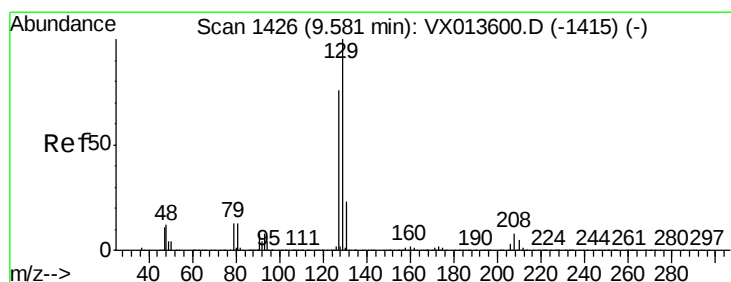
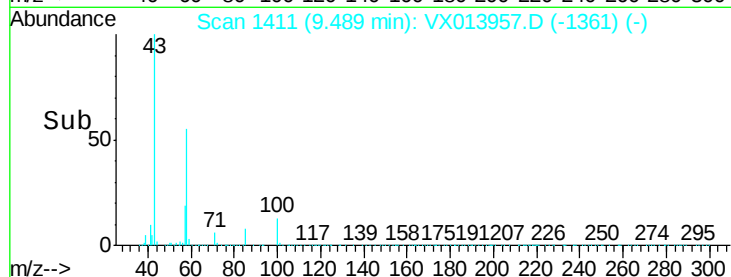
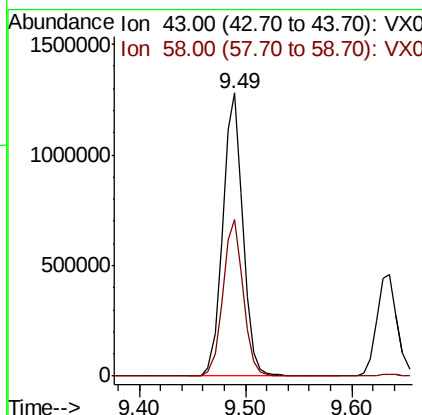
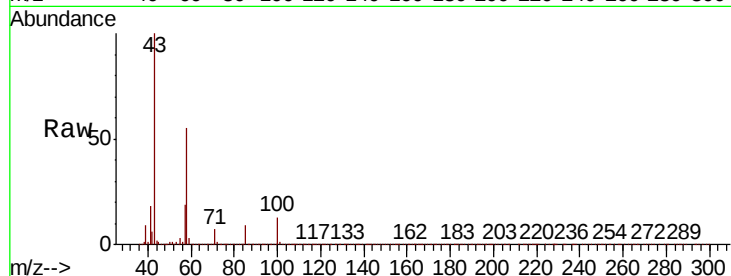
#59
2-Hexanone
Concen: 249.318 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1683762
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.4

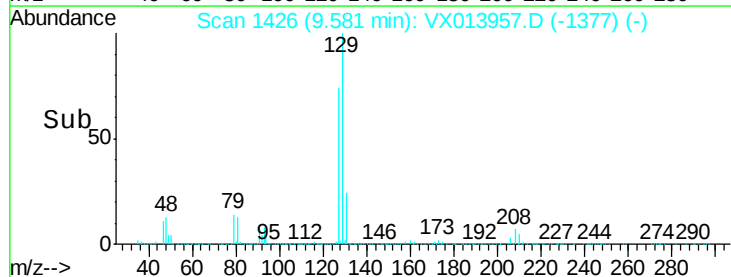
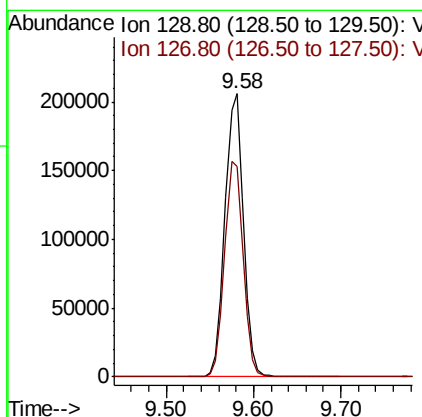
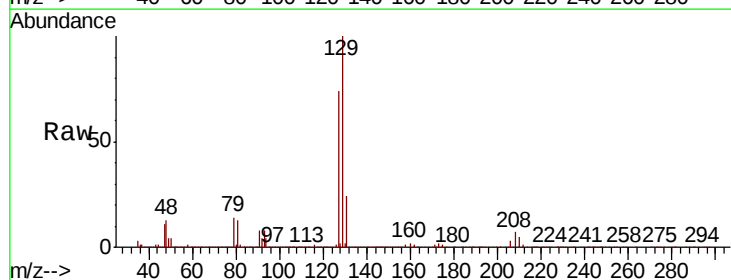
Manual Integrations
APPROVED

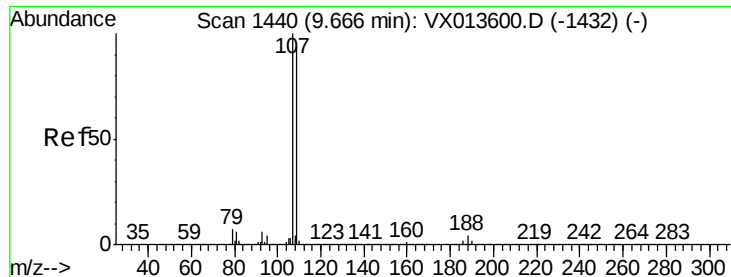
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#60
Dibromochloromethane
Concen: 50.974 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion: 129 Resp: 300638
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.503 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 300476

Ion Ratio Lower Upper

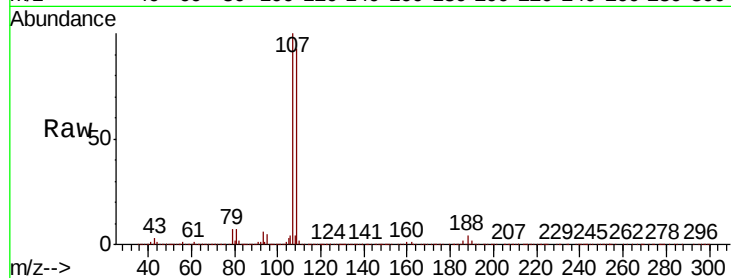
107 100

109 92.7 76.1 114.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

150000

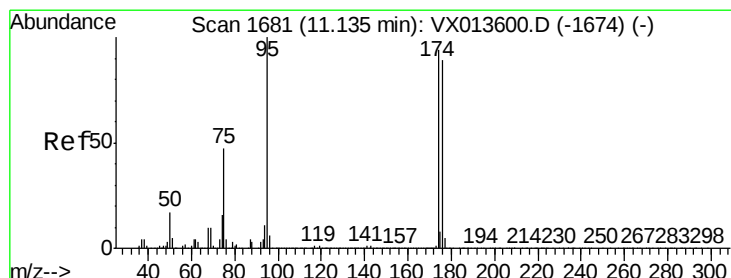
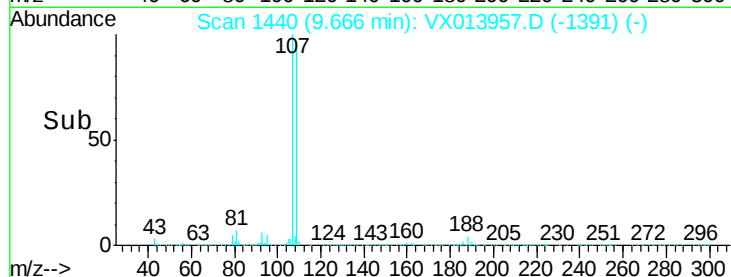
100000

50000

0

Time-->

9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 44.649 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

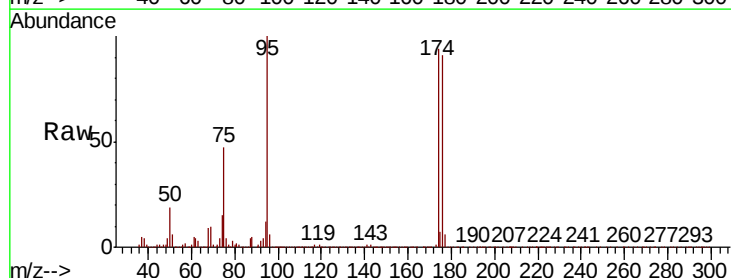
Tgt Ion: 95 Resp: 318423

Ion Ratio Lower Upper

95 100

174 88.2 0.0 180.0

176 85.5 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

150000

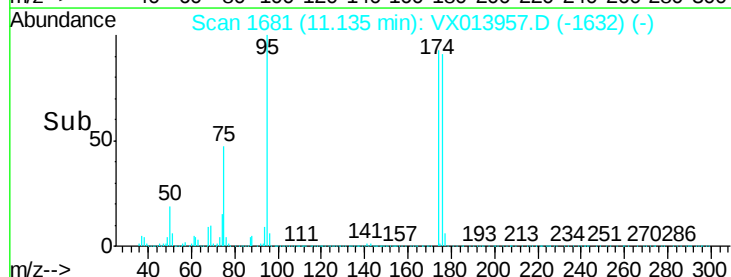
100000

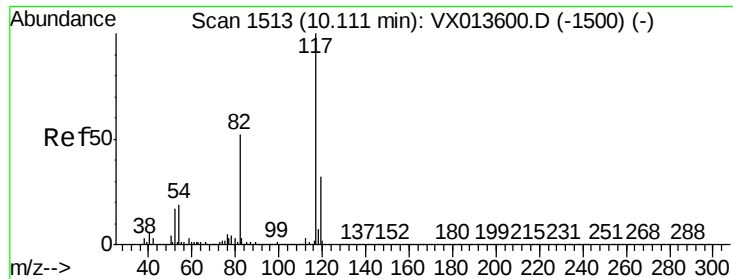
50000

0

Time-->

11.10 11.20





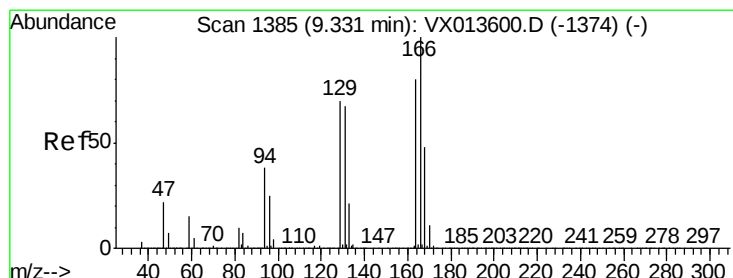
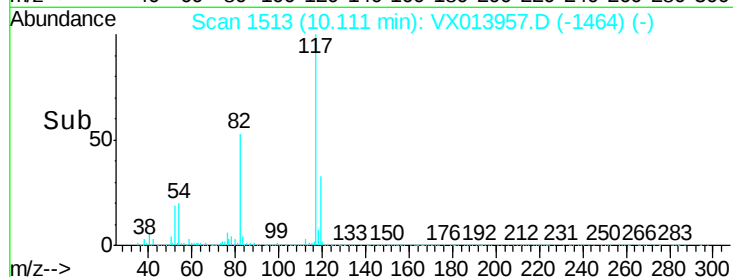
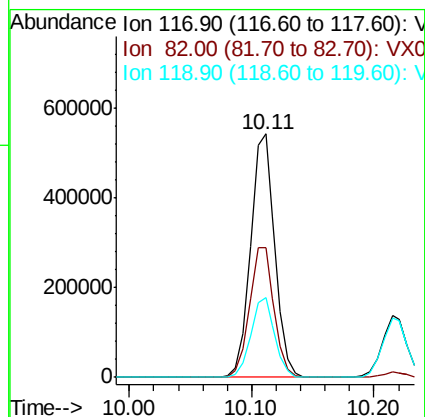
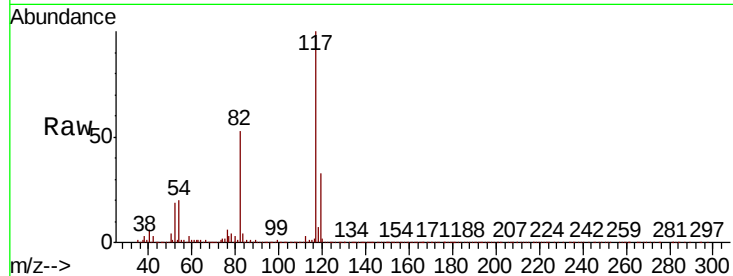
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	742126		
82	53.2	41.8	62.8	
119	32.6	25.8	38.8	

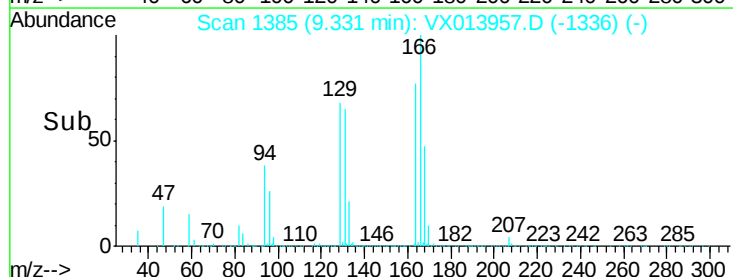
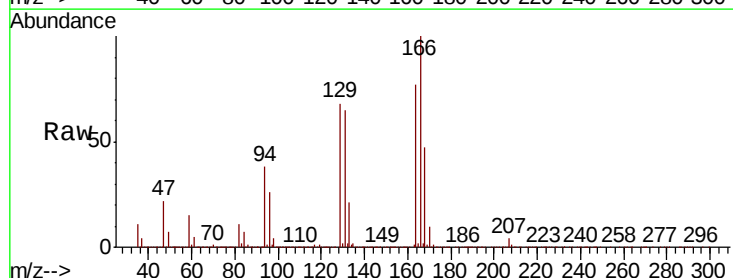
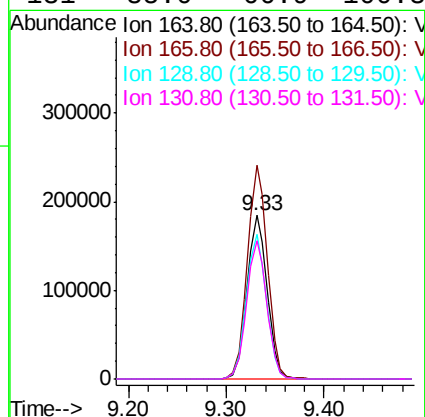
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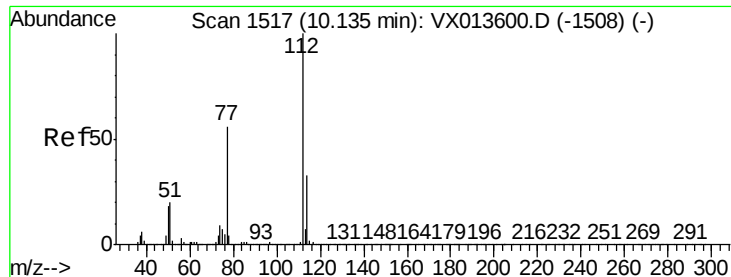
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#64
Tetrachloroethene
Concen: 47.363 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	262121		
166	130.7	99.7	149.5	
129	88.6	70.1	105.1	
131	85.0	66.9	100.3	





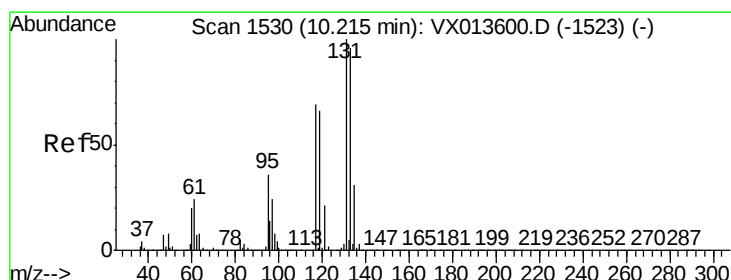
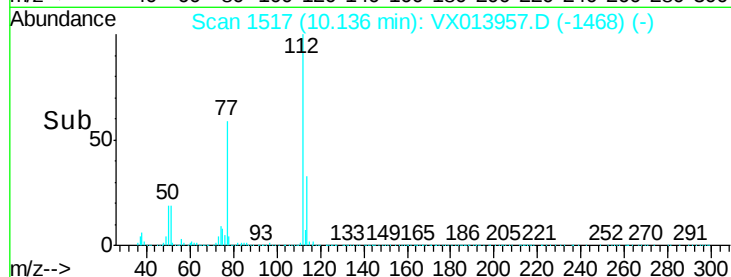
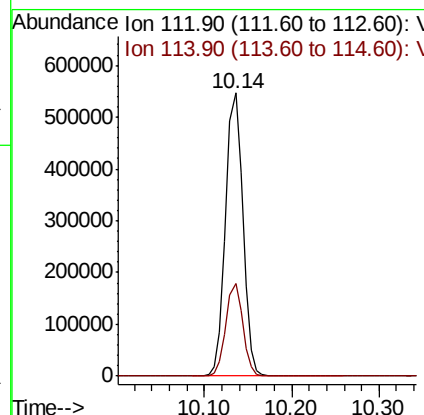
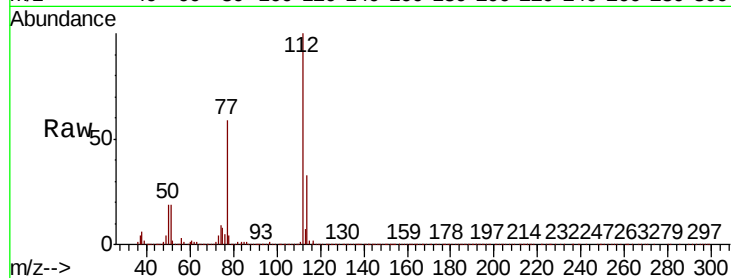
#65
Chlorobenzene
Concen: 48.446 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	26.1	39.1

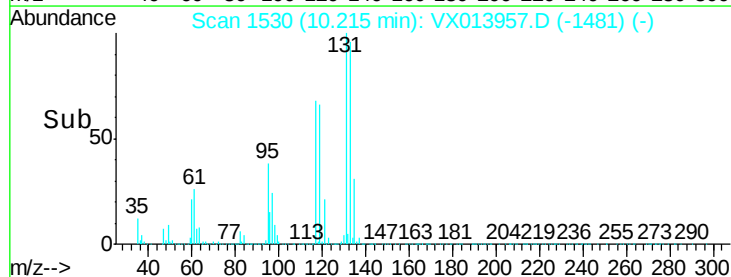
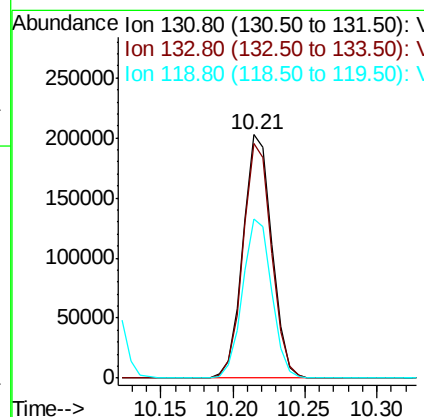
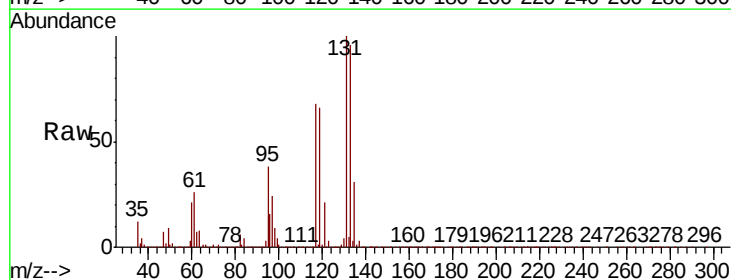
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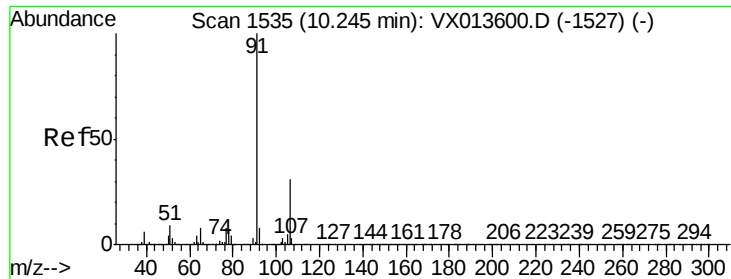
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.825 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.7	143.1
119	65.8	32.9	98.6





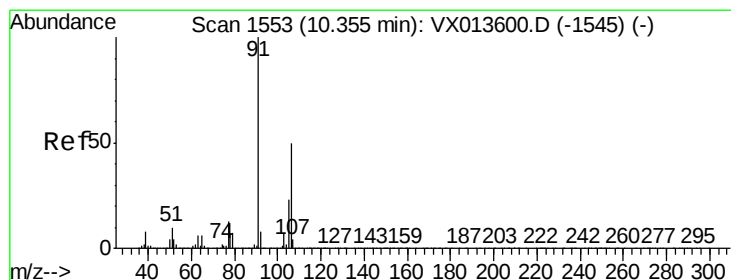
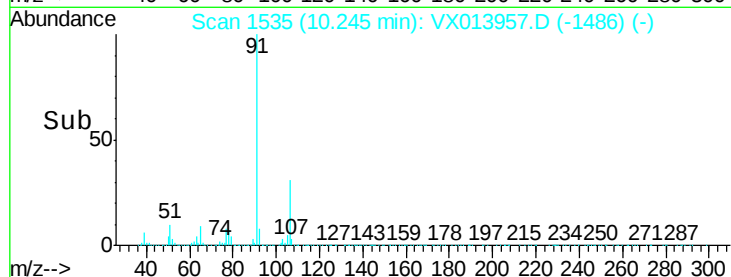
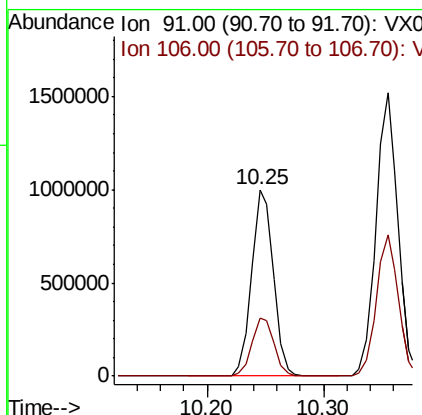
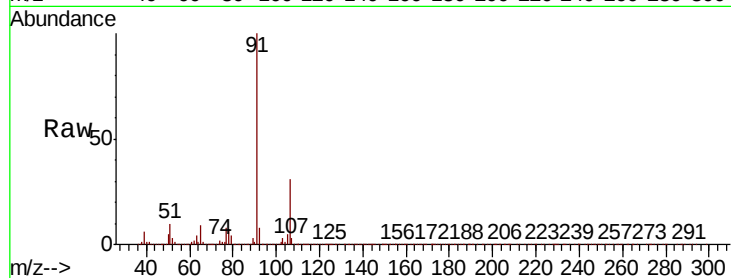
#67
Ethyl Benzene
Concen: 49.084 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1299584
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7

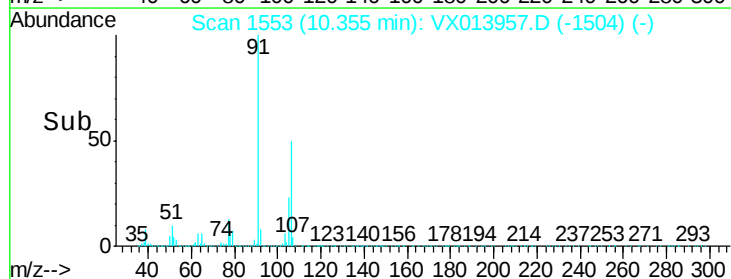
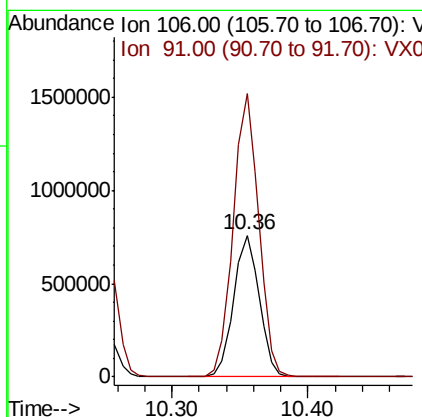
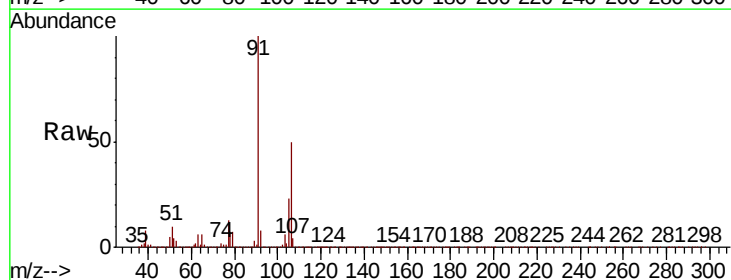
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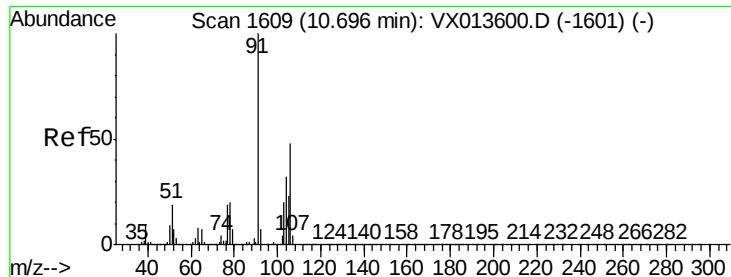
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#68
m/p-Xylenes
Concen: 98.278 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion: 106 Resp: 996229
Ion Ratio Lower Upper
106 100
91 198.4 159.0 238.4





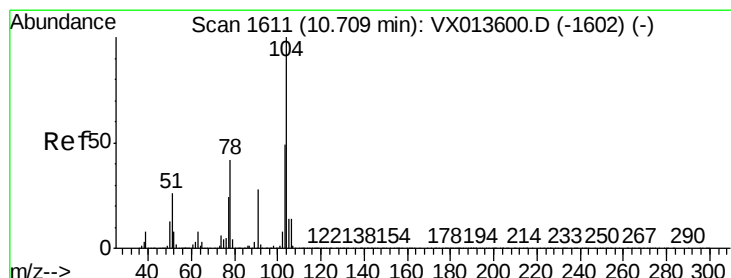
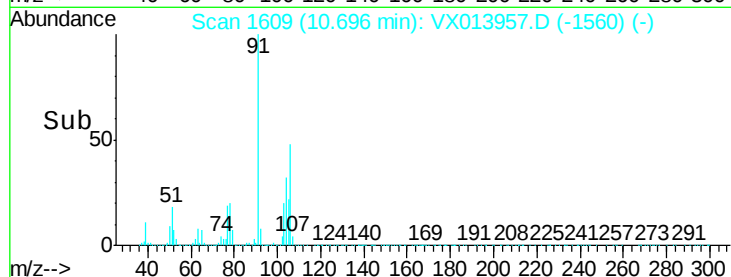
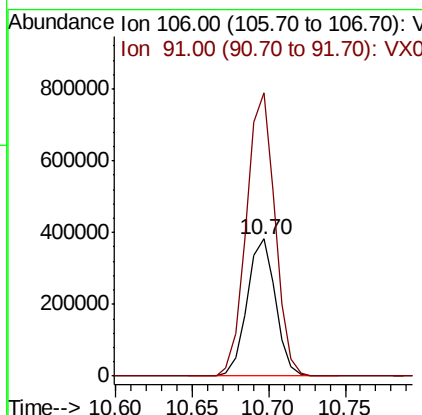
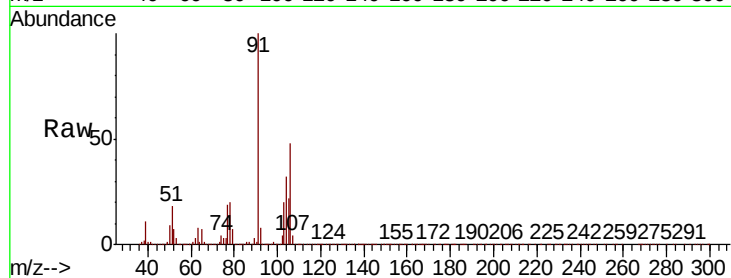
#69
o-Xylene
Concen: 49.673 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.0	104.1	312.2

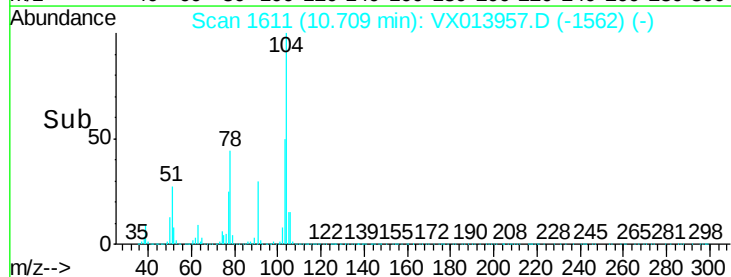
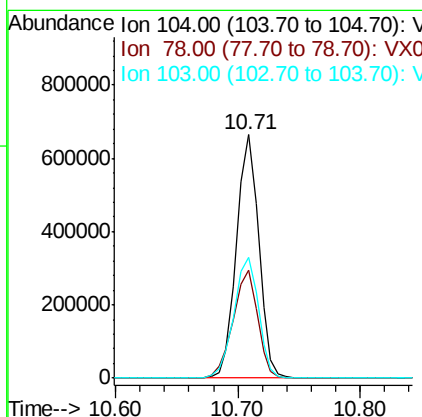
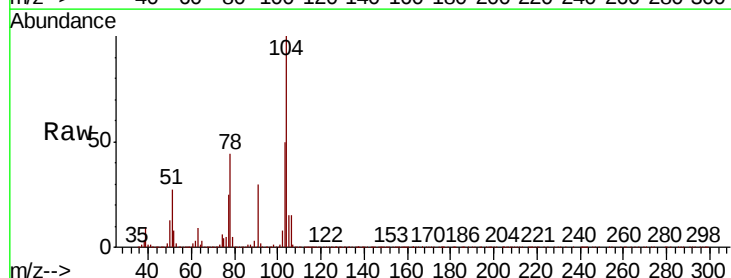
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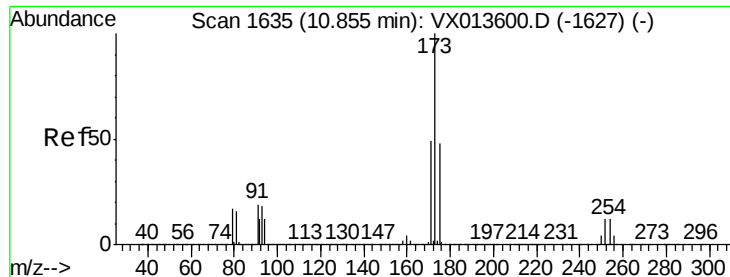
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#70
Styrene
Concen: 50.303 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.0	38.5	57.7
103	54.5	43.7	65.5





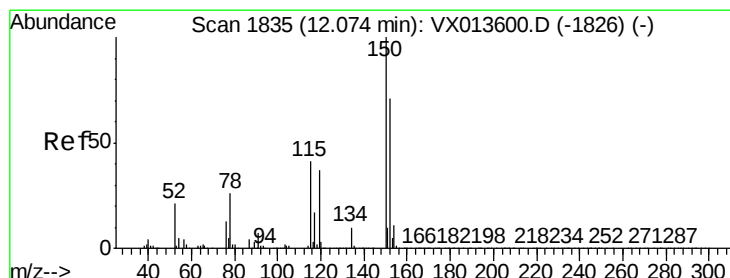
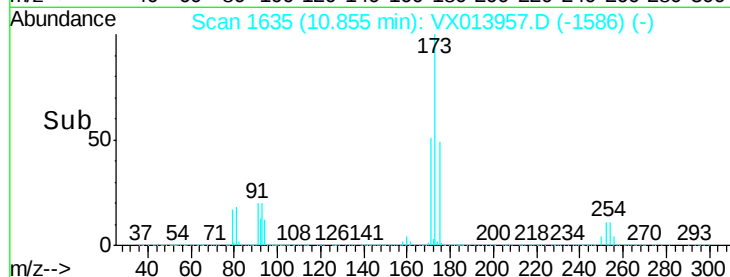
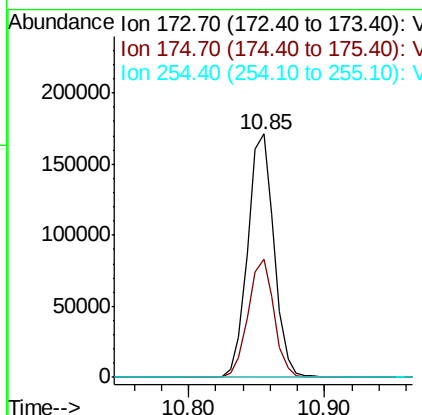
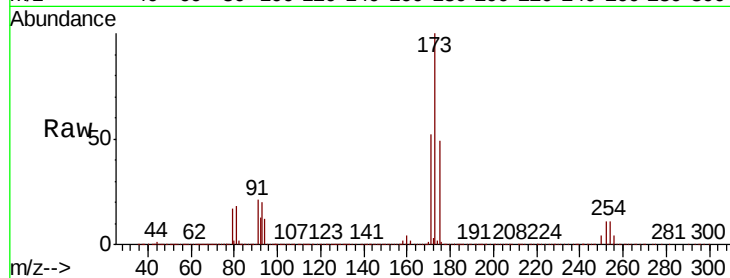
#71
Bromoform
Concen: 50.655 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.3	72.8
254	0.2	0.2	0.4

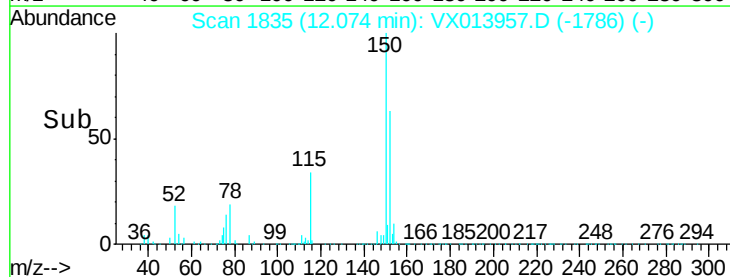
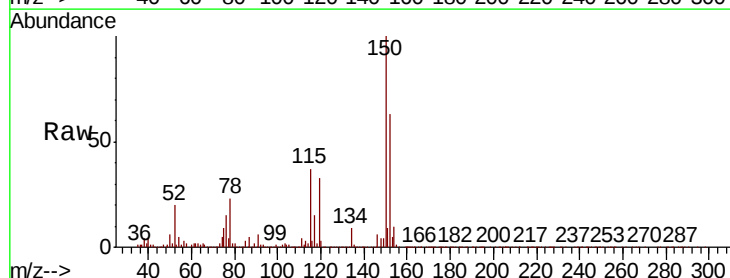
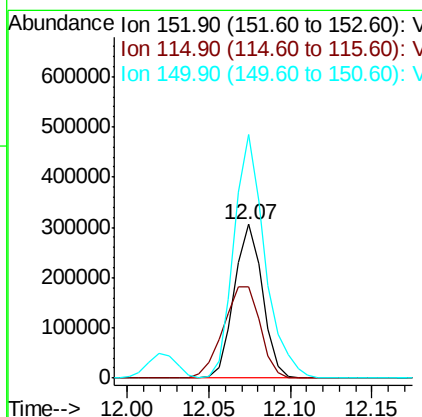
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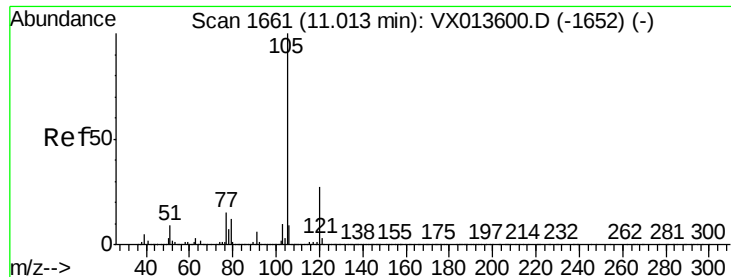
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.5	38.4	115.1
150	171.7	0.0	346.8





#73

Isopropylbenzene

Concen: 49.770 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1293393

Ion Ratio Lower Upper

105 100

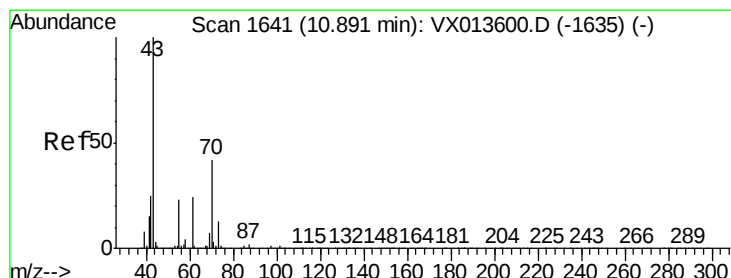
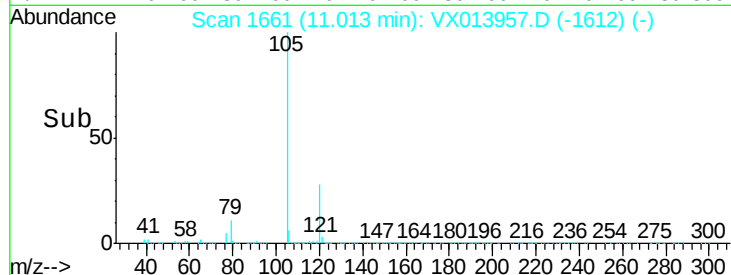
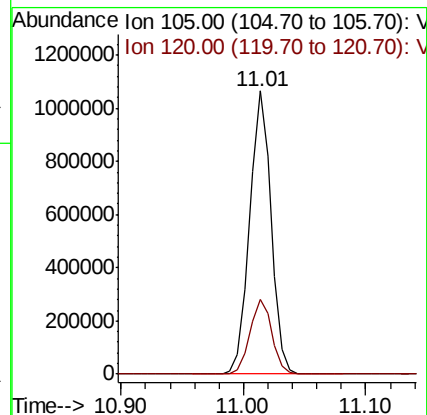
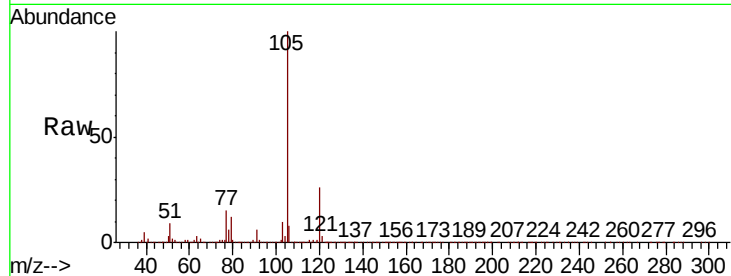
120 26.8 13.5 40.5

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#74

N-ethyl acetate

Concen: 51.225 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Tgt Ion: 43 Resp: 609814

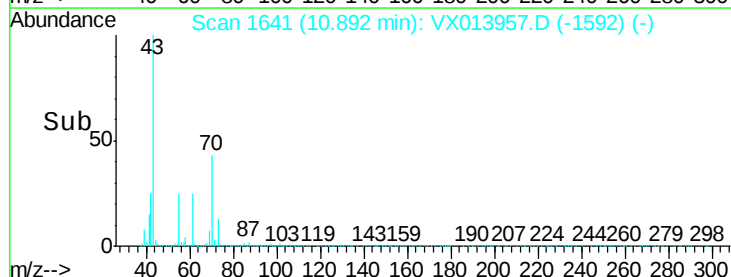
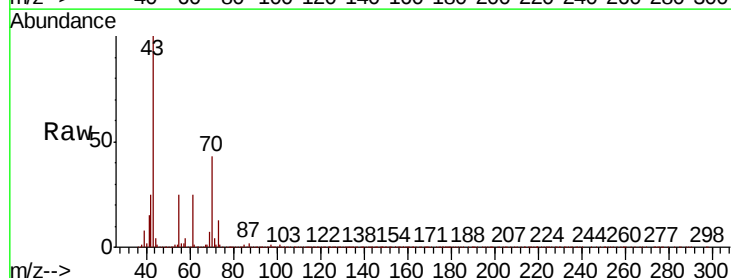
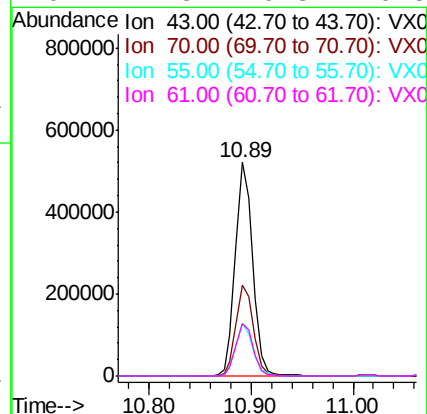
Ion Ratio Lower Upper

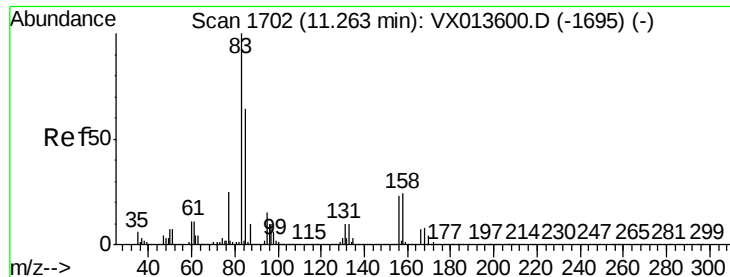
43 100

70 43.2 34.3 51.5

55 24.3 18.5 27.7

61 24.8 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.293 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

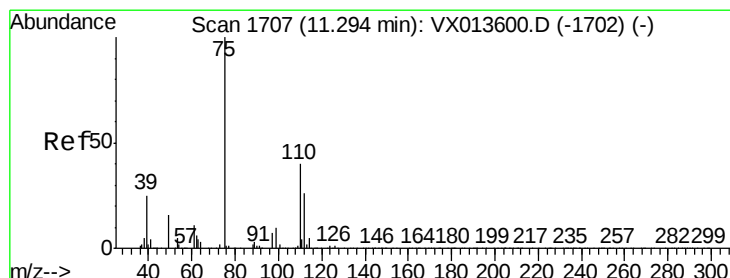
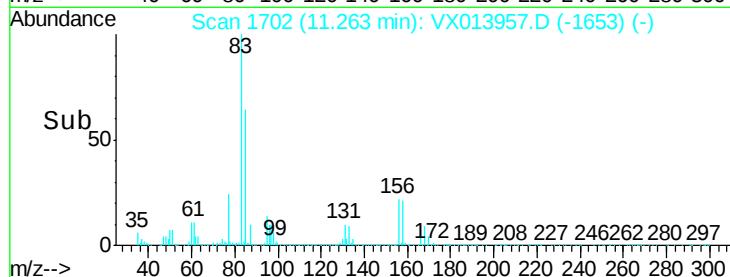
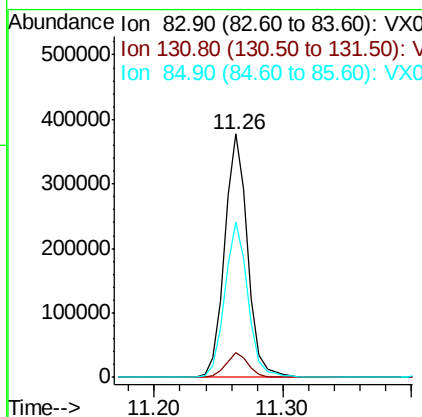
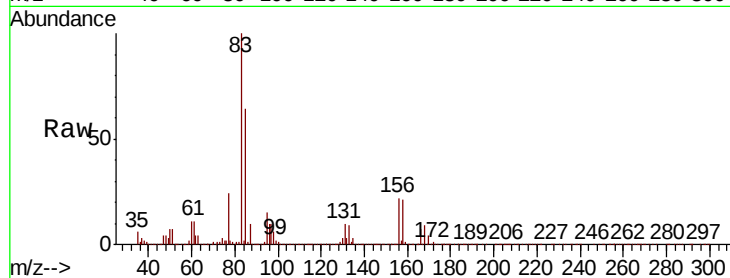
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	471281
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.3
85	64.4	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 51.027 ug/l m

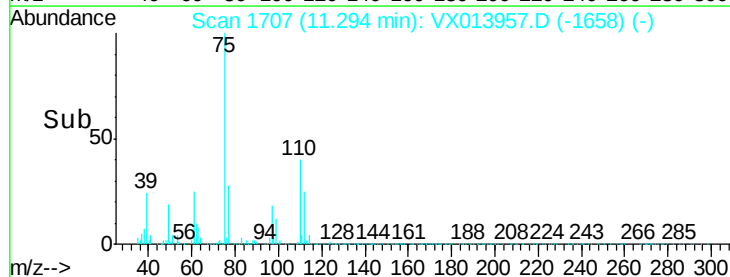
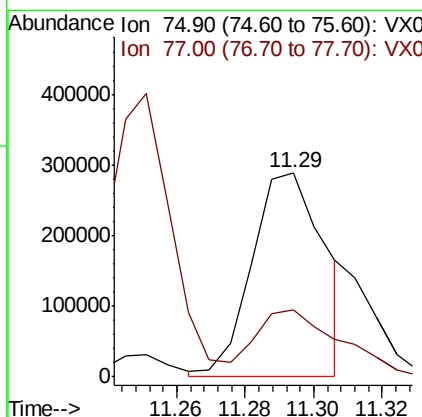
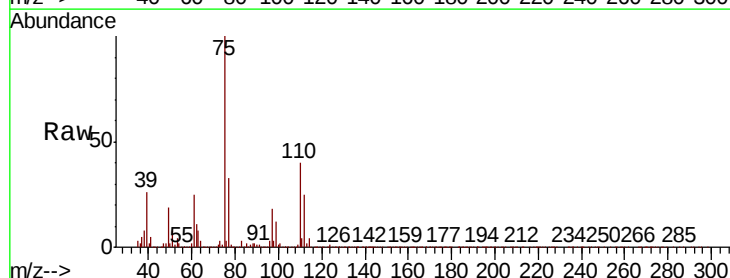
RT: 11.29 min Scan# 1707

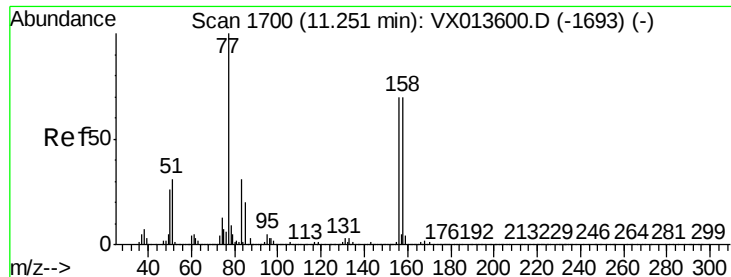
Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Tgt Ion:	75	Resp:	425187
Ion Ratio	Lower	Upper	
75	100		
77	38.1	19.1	57.5





#77

Bromobenzene

Concen: 48.070 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

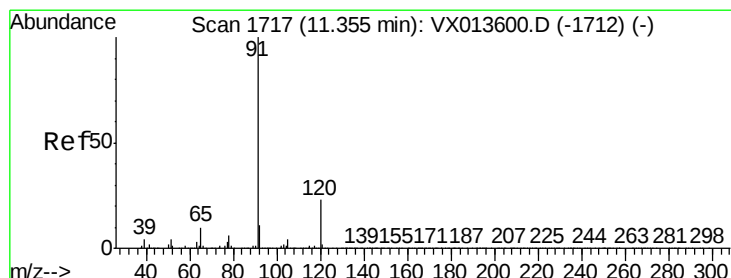
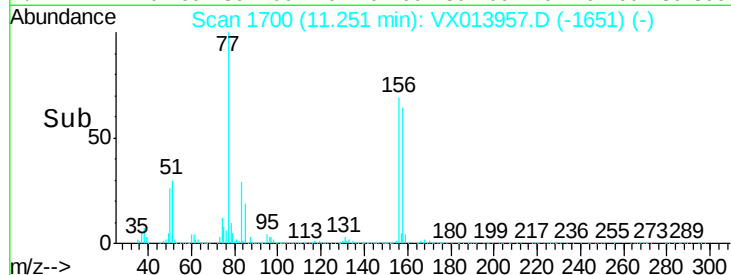
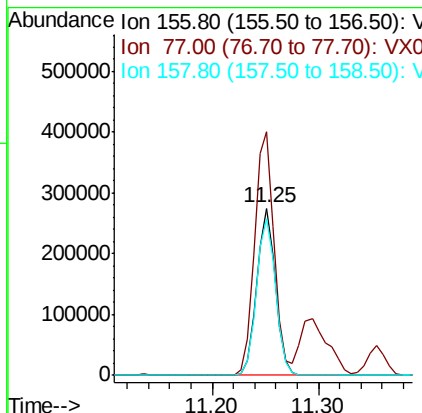
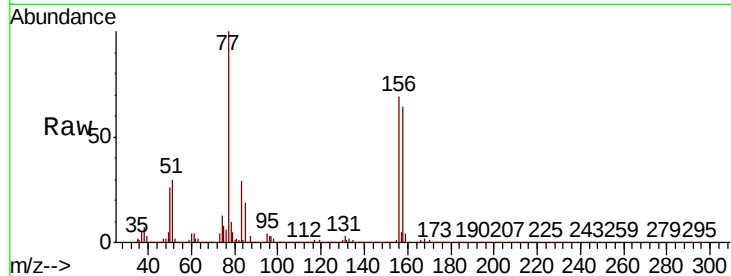
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	337481
Ion Ratio	Lower	Upper	
156	100		
77	153.0	74.4	223.1
158	96.3	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 49.944 ug/l

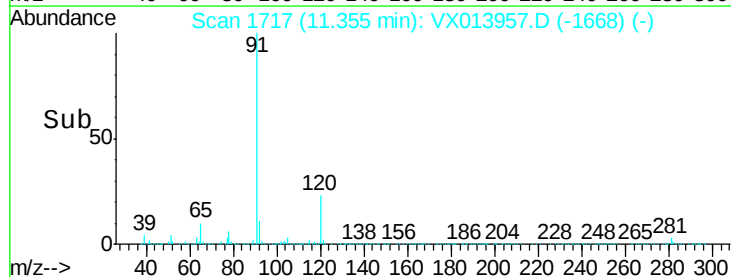
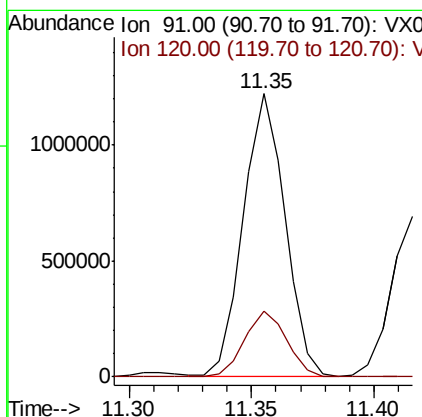
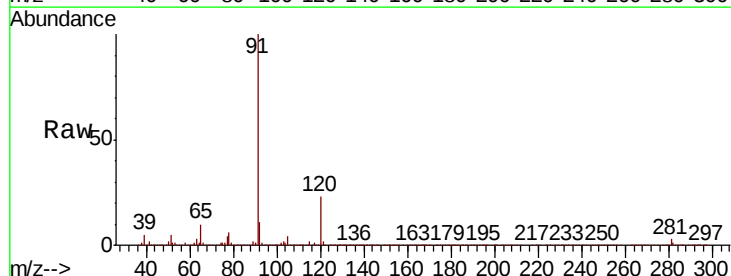
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Tgt Ion:	91	Resp:	1448883
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.3





#79

2-Chlorotoluene

Concen: 49.573 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 862684

Ion Ratio Lower Upper

91 100

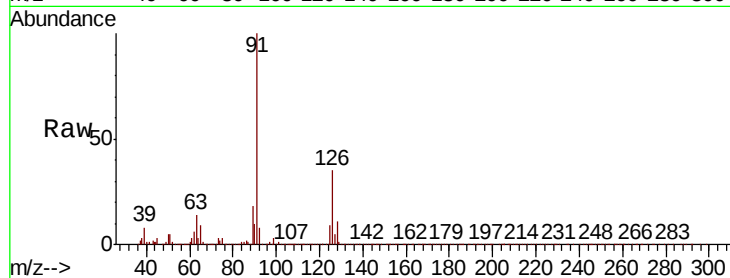
126 34.6 17.5 52.5

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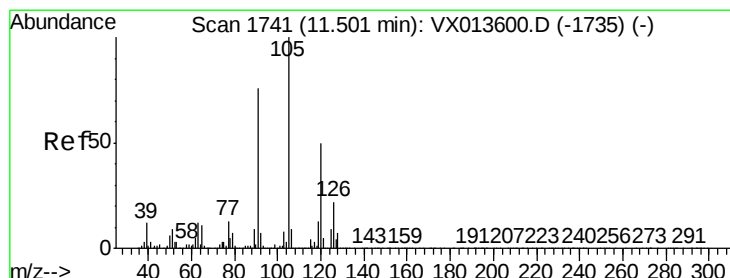
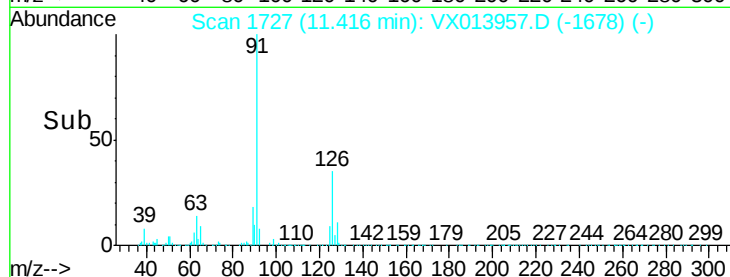
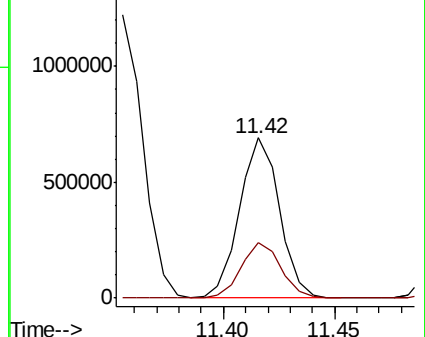
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Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX013600.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.492 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013957.D

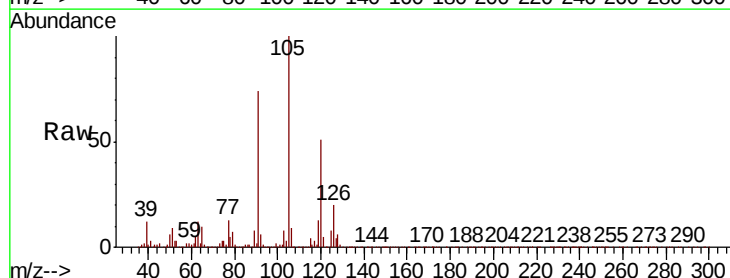
Acq: 11 Dec 2019 21:24

Tgt Ion: 105 Resp: 1075443

Ion Ratio Lower Upper

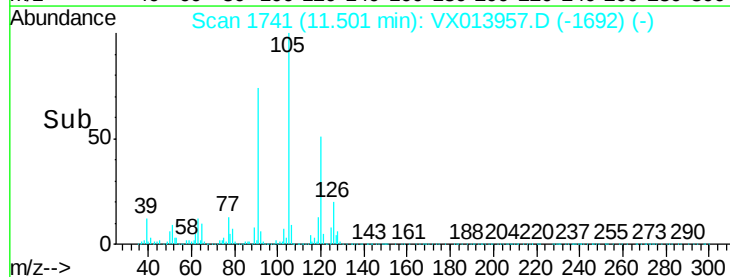
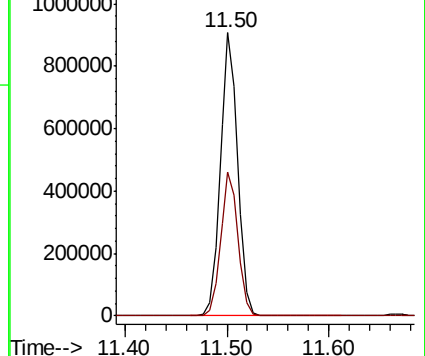
105 100

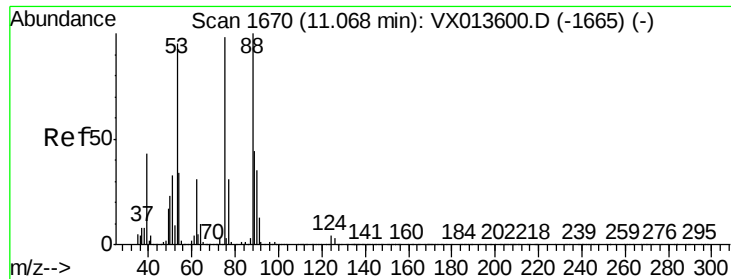
120 50.8 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013600.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX013600.D (-1735) (-)





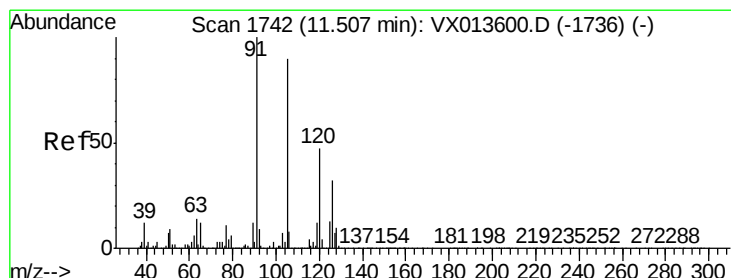
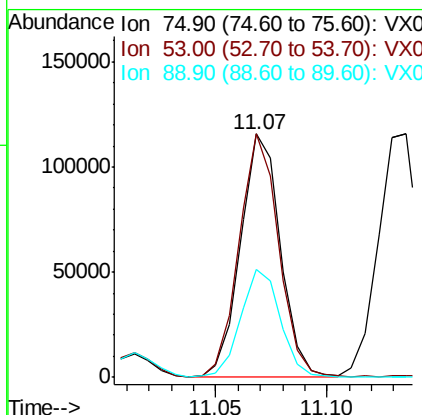
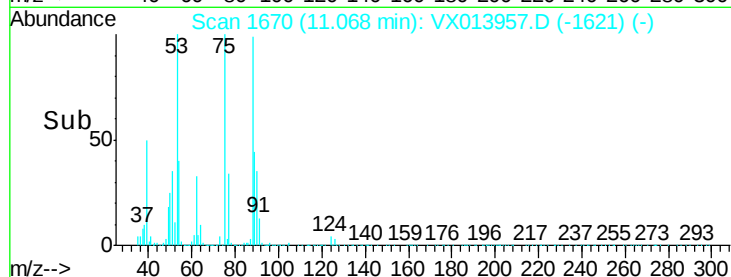
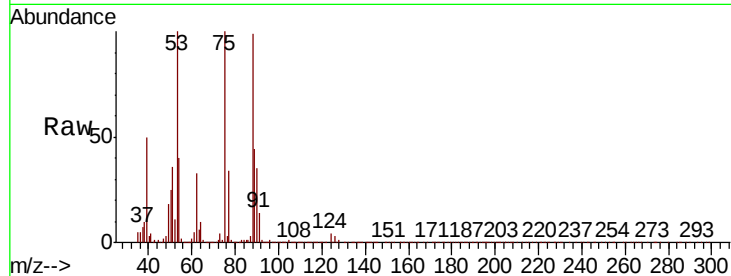
#81
trans-1,4-Dichloro-2-butene
Concen: 47.278 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.9	78.2	117.2
89	44.6	35.4	53.2

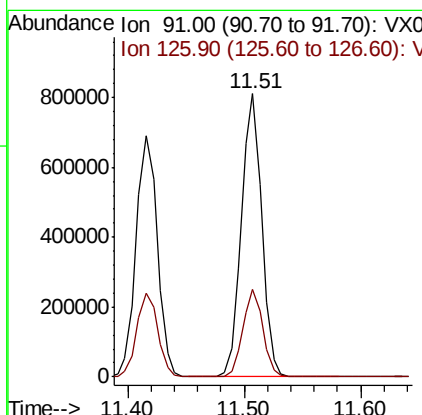
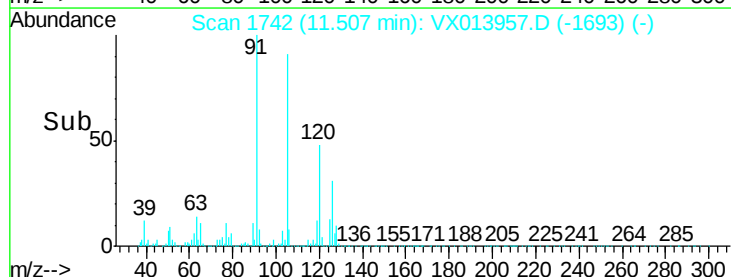
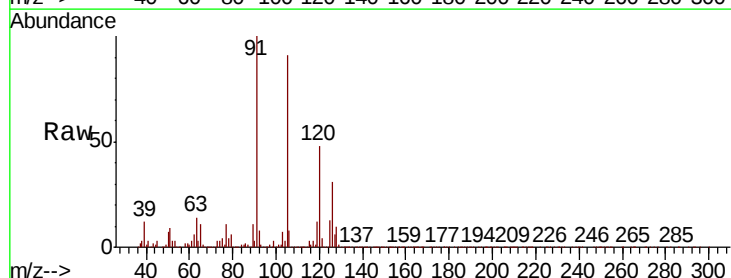
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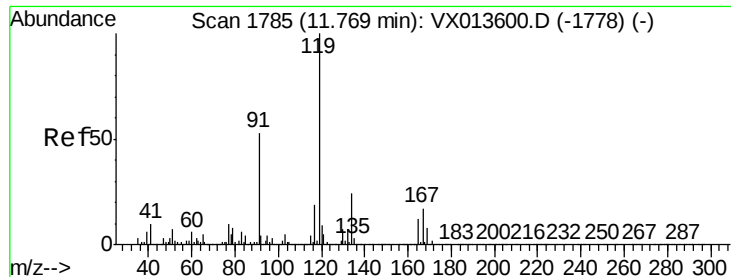
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#82
4-Chlorotoluene
Concen: 49.321 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.7	47.0





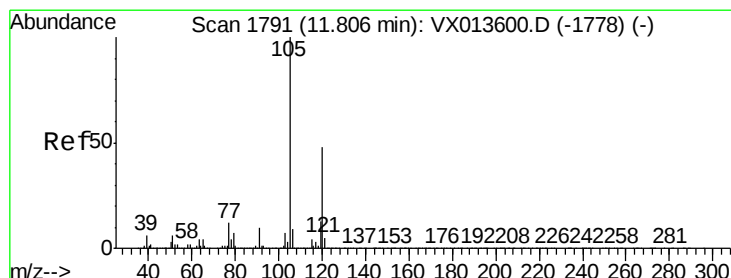
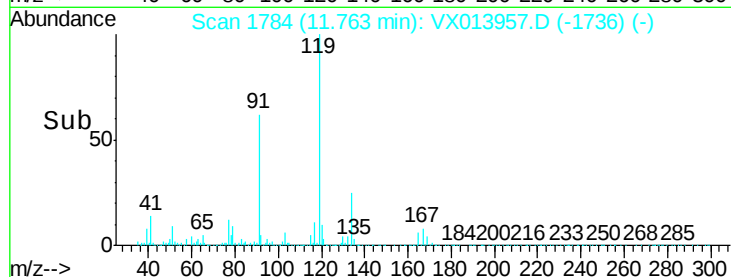
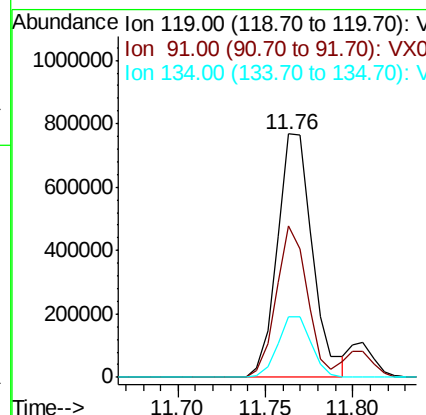
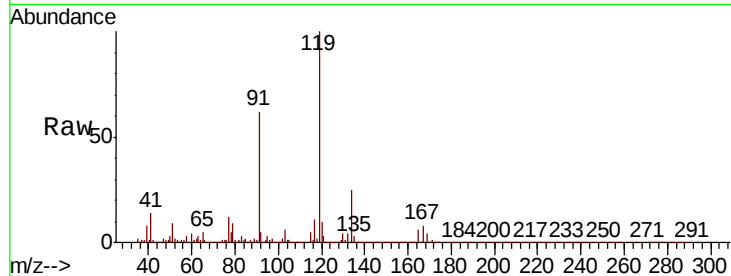
#83
tert-Butylbenzene
Concen: 49.648 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 1074683
Ion Ratio Lower Upper
119 100
91 54.8 27.2 81.6
134 23.8 11.7 35.1

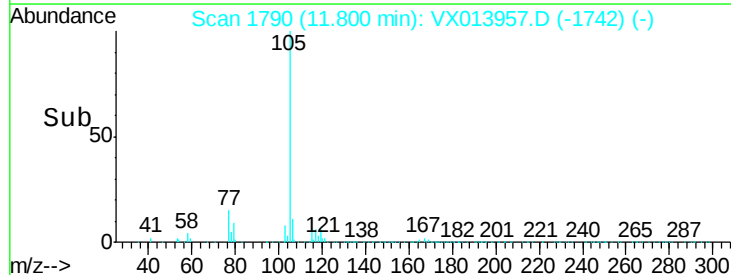
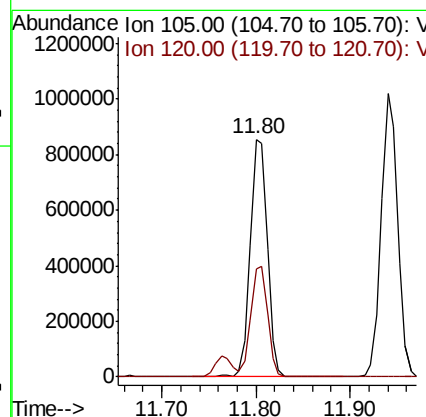
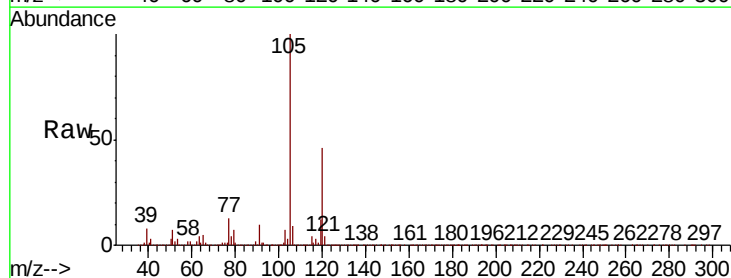
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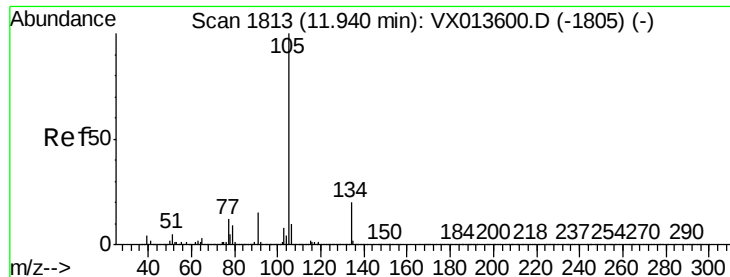
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#84
1,2,4-Trimethylbenzene
Concen: 50.020 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion:105 Resp: 1081254
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.3





#85

sec-Butylbenzene

Concen: 49.913 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1234083

Ion Ratio Lower Upper

105 100

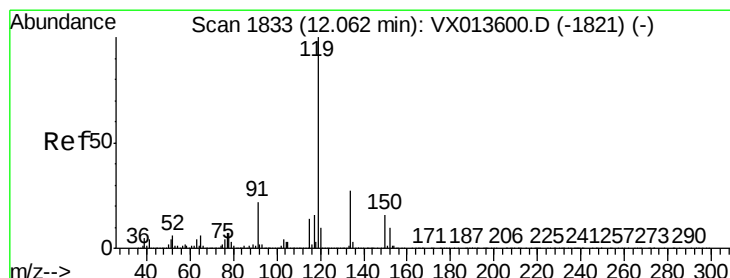
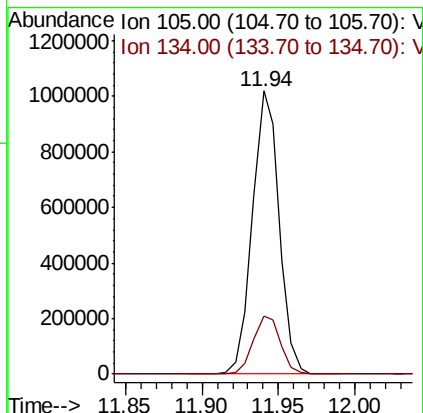
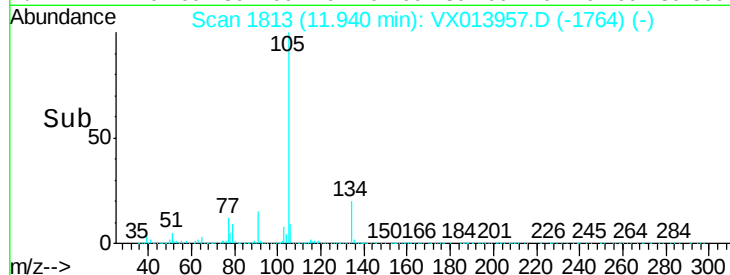
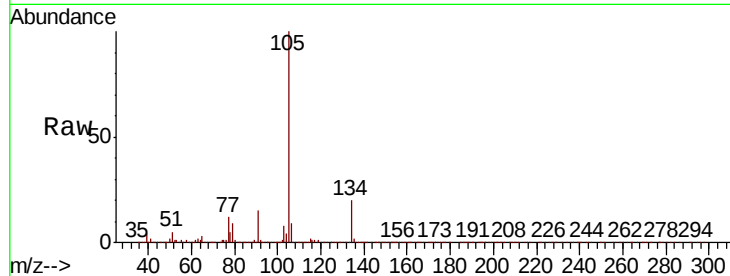
134 21.0 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 49.153 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

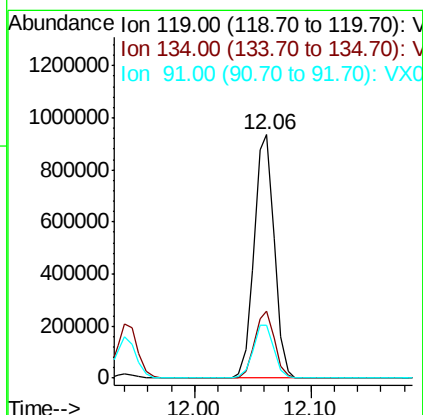
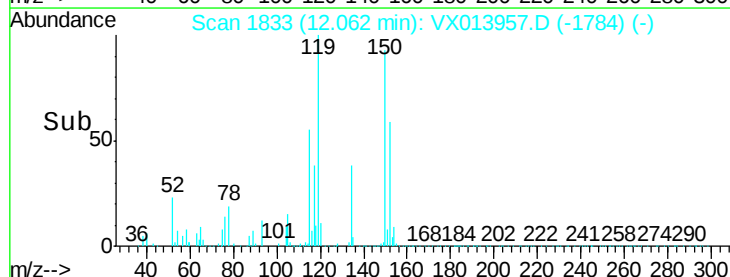
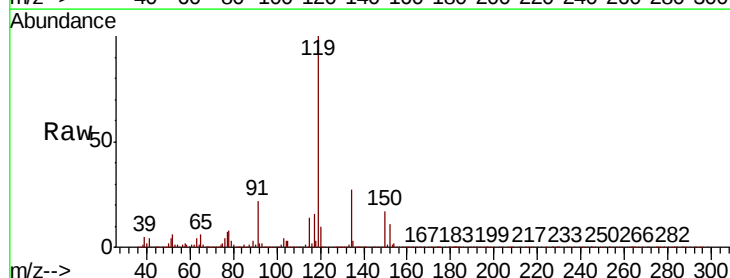
Tgt Ion:119 Resp: 1130572

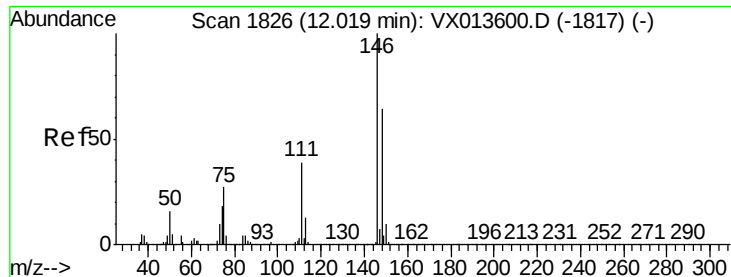
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

91 22.4 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 48.233 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013957.D

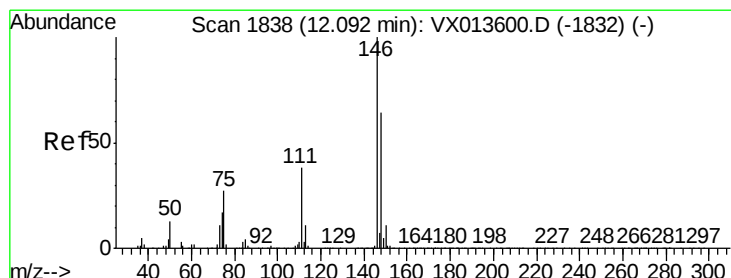
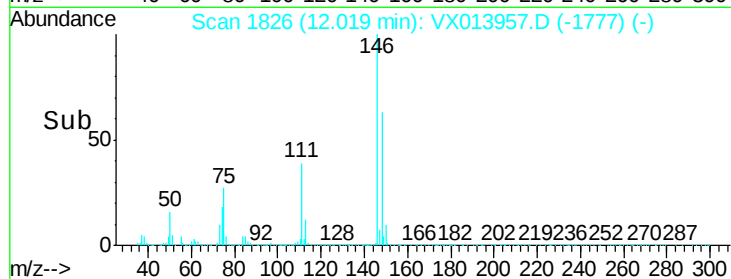
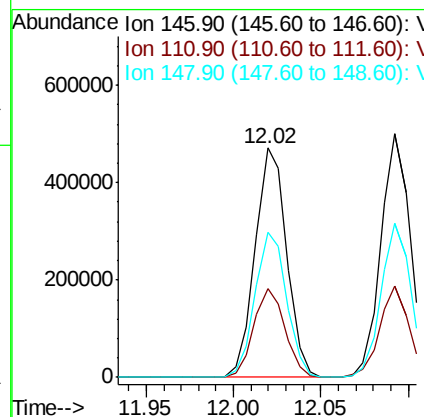
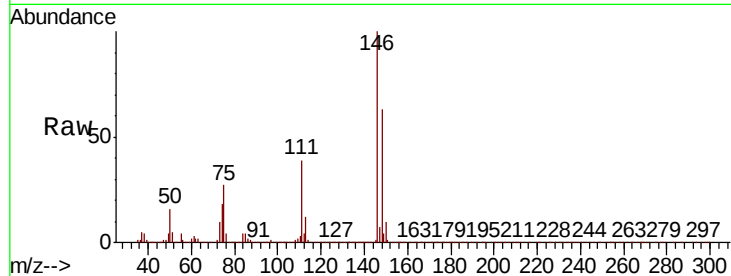
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.0	57.0
148	63.5	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 47.134 ug/l

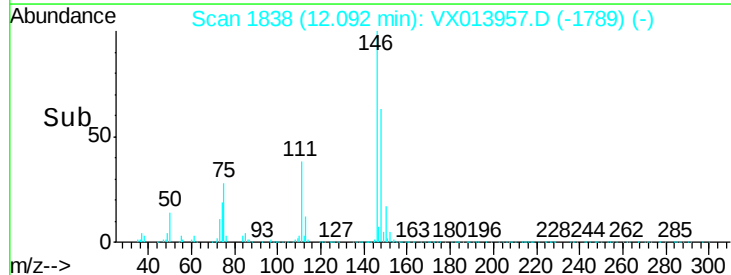
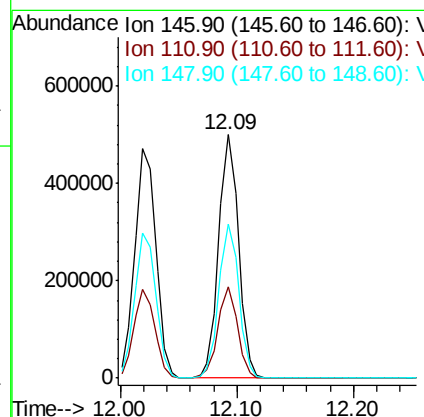
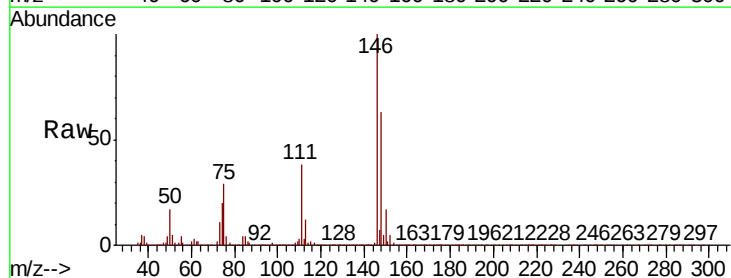
RT: 12.09 min Scan# 1838

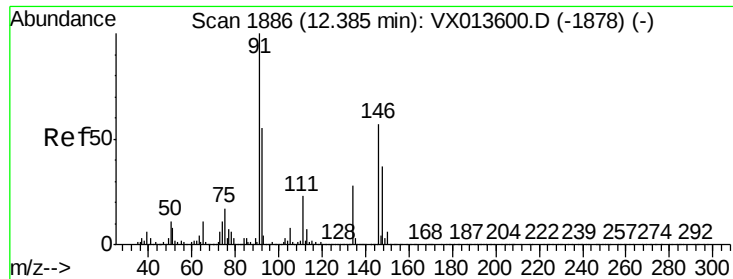
Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.9
148	64.0	31.9	95.5





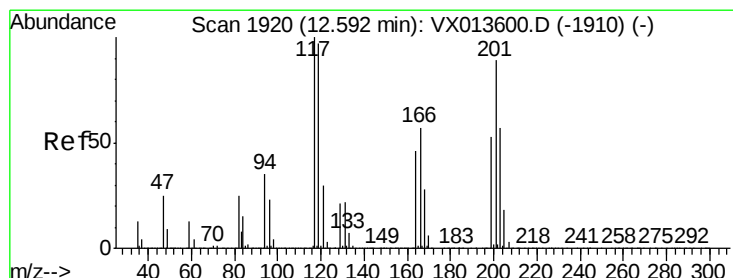
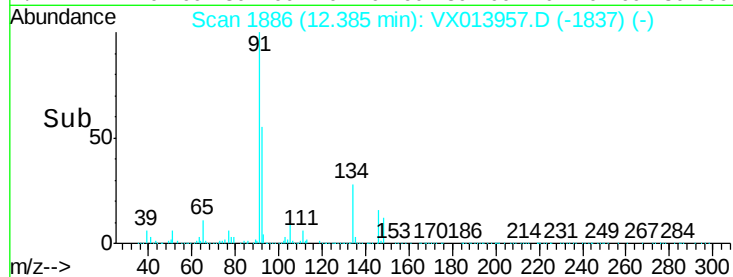
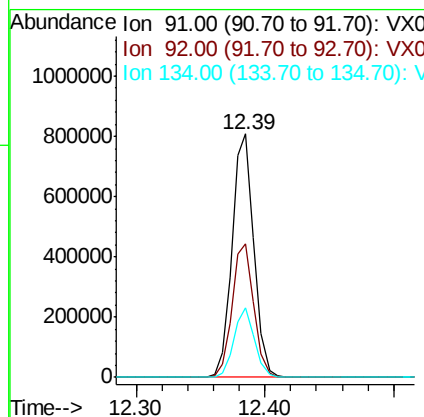
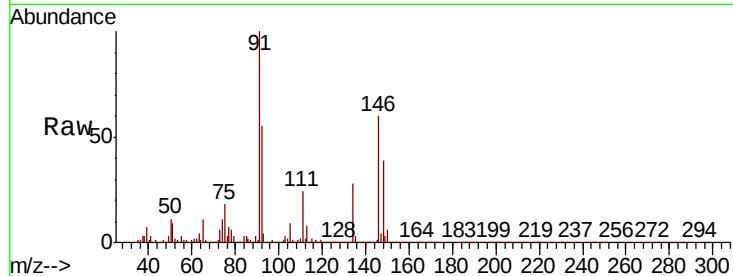
#89
n-Butylbenzene
Concen: 48.621 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.4	82.2
134	27.0	13.5	40.4

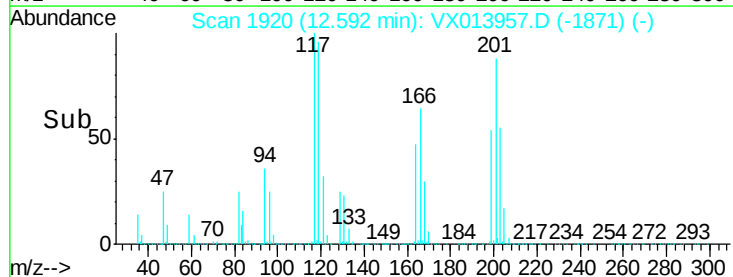
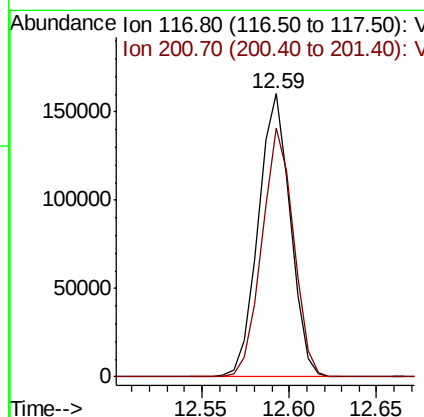
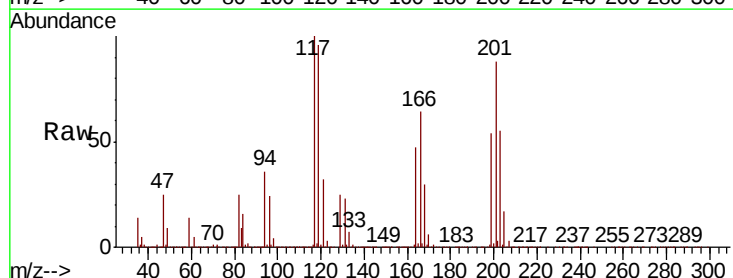
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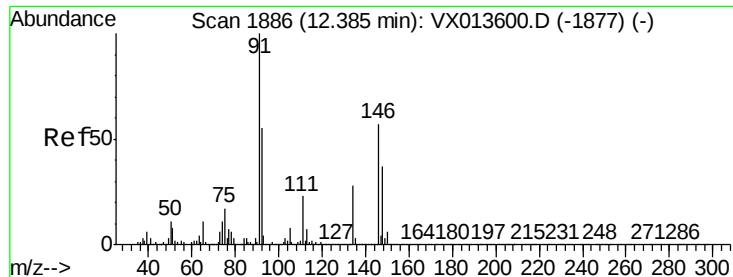
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#90
Hexachloroethane
Concen: 48.930 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.1	44.1	132.4





#91

1,2-Dichlorobenzene

Concen: 49.756 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Instrument :

MSVOA_X

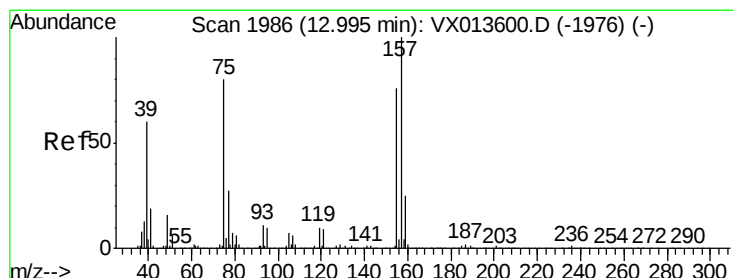
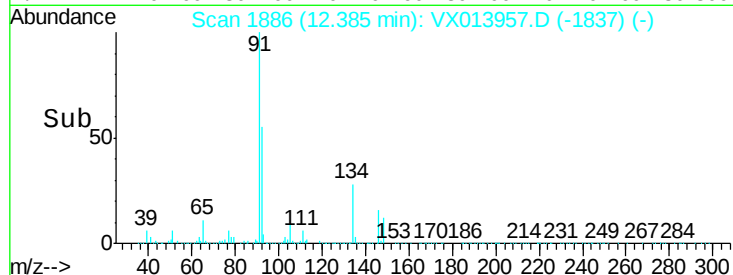
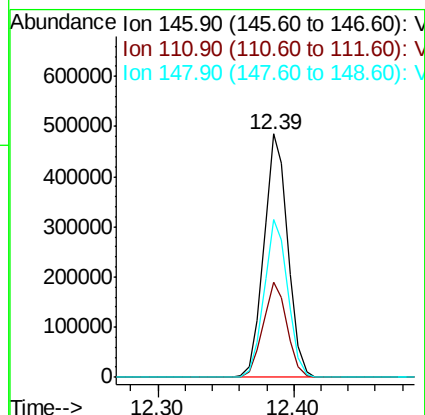
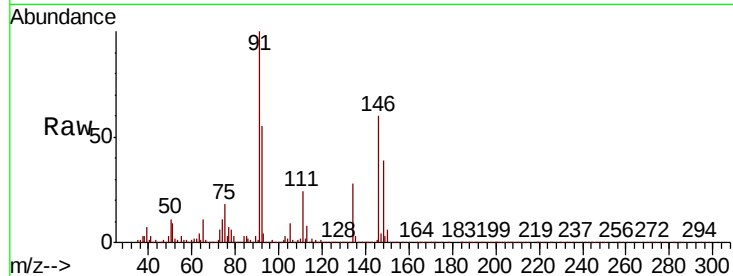
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	601631
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.6	58.7
148	64.3	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 48.142 ug/l

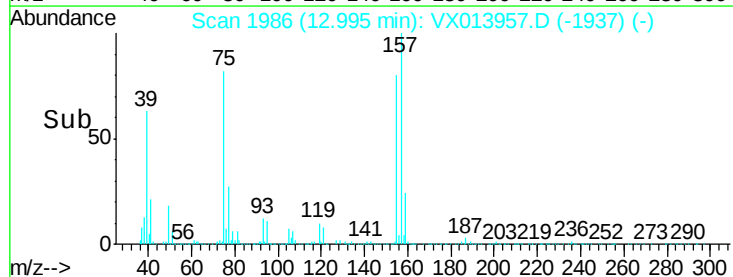
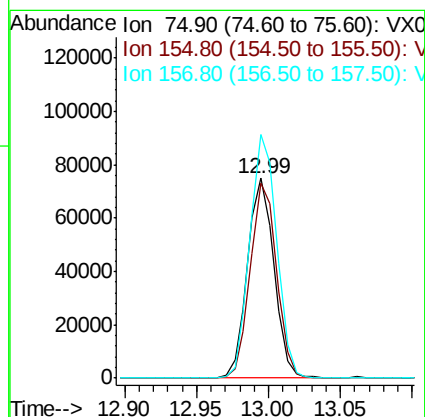
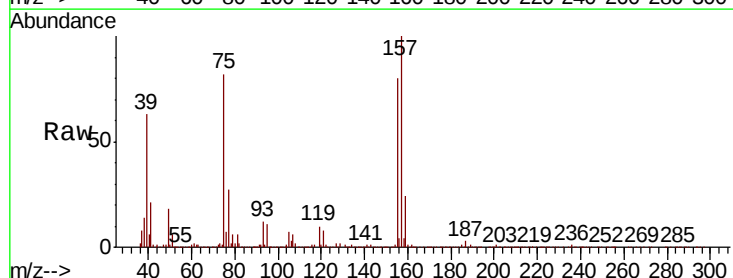
RT: 12.99 min Scan# 1986

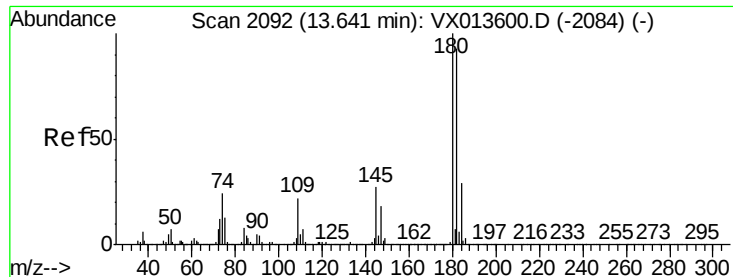
Delta R.T. 0.00 min

Lab File: VX013957.D

Acq: 11 Dec 2019 21:24

Tgt Ion:	75	Resp:	94483
Ion Ratio	Lower	Upper	
75	100		
155	98.0	47.6	142.8
157	123.9	62.1	186.2





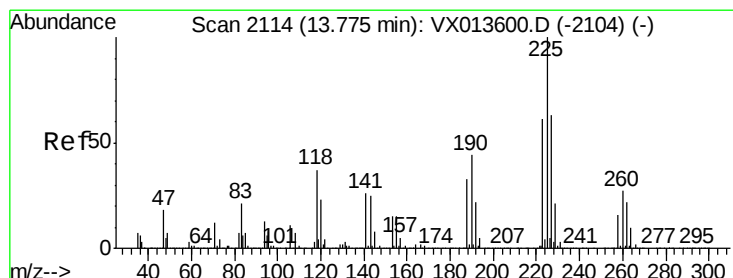
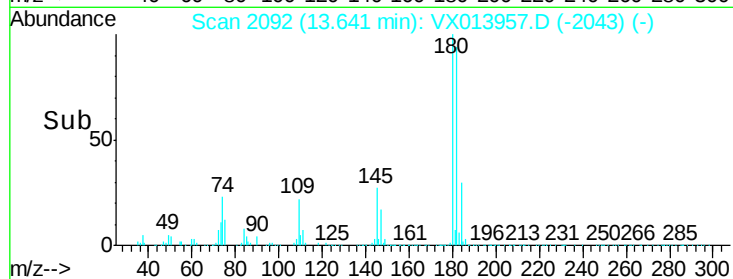
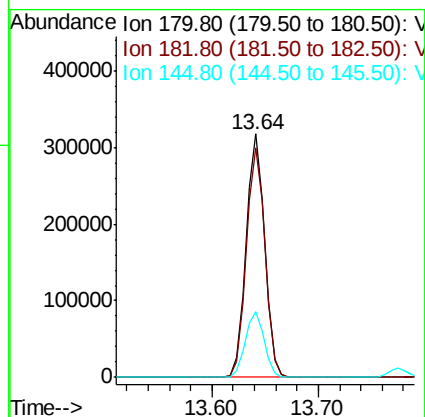
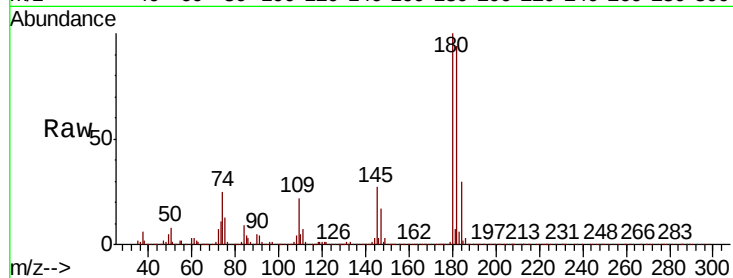
#93
 1,2,4-Trichlorobenzene
 Concen: 46.170 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013957.D
 Acq: 11 Dec 2019 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	47.2	141.6	
145	27.6	13.8	41.4	

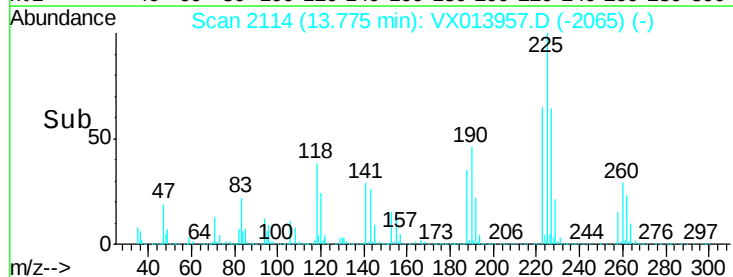
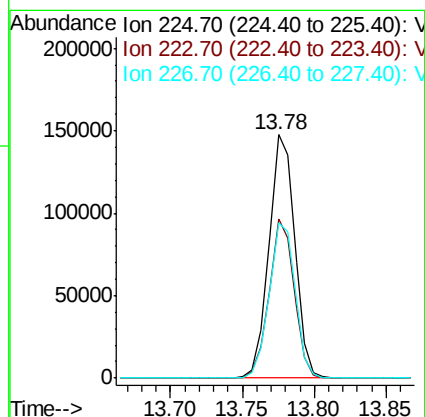
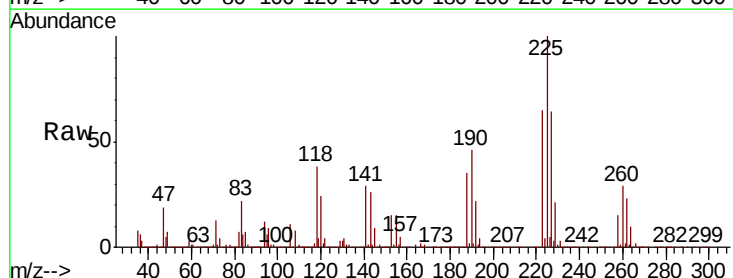
Manual Integrations
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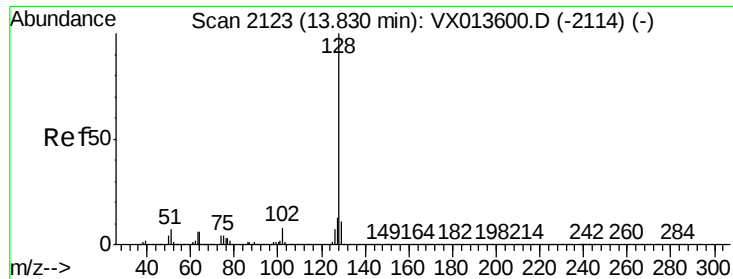
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#94
 Hexachlorobutadiene
 Concen: 45.157 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013957.D
 Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	31.9	95.5	
227	63.9	32.1	96.3	





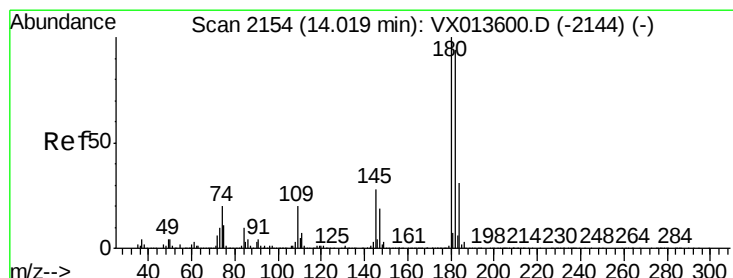
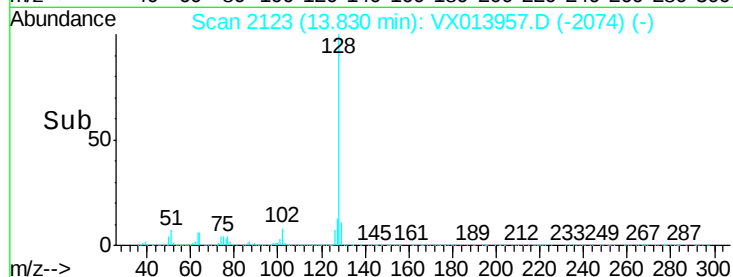
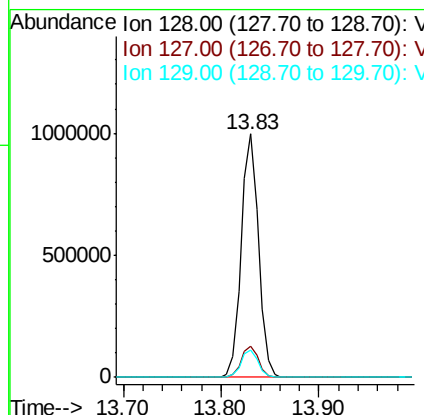
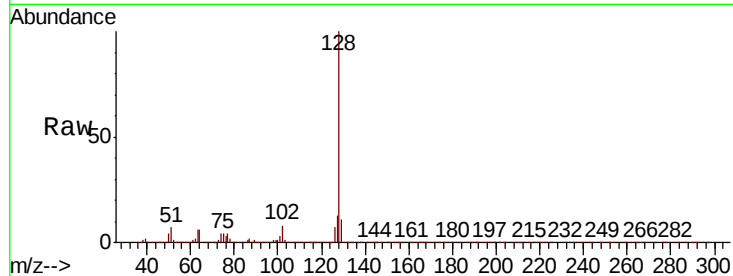
#95
Naphthalene
Concen: 48.412 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
12/12/2019 9:26:44 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.795 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013957.D
Acq: 11 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.6	142.8
145	29.6	15.0	45.0

