

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122719\
 Data File : VX014302.D
 Acq On : 27 Dec 2019 12:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:04:07 AM

Quant Time: Dec 30 05:52:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	510192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	769144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	696368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	361319	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	278215	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
35) Dibromofluoromethane	5.48	113	235748	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
50) Toluene-d8	8.71	98	909303	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.13	95	326756	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	202483	44.362	ug/l	100
3) Chloromethane	1.32	50	273142	44.592	ug/l	100
4) Vinyl Chloride	1.40	62	295345	45.695	ug/l	99
5) Bromomethane	1.63	94	202838	44.216	ug/l	100
6) Chloroethane	1.72	64	188310	47.206	ug/l	97
7) Trichlorofluoromethane	1.92	101	382126	47.759	ug/l	100
8) Diethyl Ether	2.18	74	173047	46.084	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	236741	49.085	ug/l	100
10) Methyl Iodide	2.50	142	290424	45.888	ug/l	99
11) Tert butyl alcohol	3.03	59	261977	209.678	ug/l	100
12) 1,1-Dichloroethene	2.37	96	231823	47.236	ug/l	96
13) Acrolein	2.28	56	201883	282.270	ug/l	99
14) Allyl chloride	2.72	41	432818	49.394	ug/l	99
15) Acrylonitrile	3.13	53	715826	245.461	ug/l	99
16) Acetone	2.43	43	764744	203.716	ug/l	98
17) Carbon Disulfide	2.56	76	592351	43.574	ug/l	100
18) Methyl Acetate	2.76	43	366392	49.255	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	793977	49.233	ug/l	97
20) Methylene Chloride	2.85	84	270724	45.796	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	252512	46.703	ug/l	99
22) Diisopropyl ether	3.84	45	894400	51.221	ug/l	94
23) Vinyl Acetate	3.80	43	3757693	263.703	ug/l	100
24) 1,1-Dichloroethane	3.69	63	467771	48.150	ug/l	99
25) 2-Butanone	4.65	43	1089009	235.299	ug/l	99
26) 2,2-Dichloropropane	4.57	77	377452	50.041	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	293117	47.936	ug/l	99
28) Bromochloromethane	5.00	49	196351	52.530	ug/l	94
29) Tetrahydrofuran	5.11	42	639059	246.868	ug/l	98
30) Chloroform	5.20	83	457822	49.712	ug/l	100
31) Cyclohexane	5.57	56	428807	49.628	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	380981	48.538	ug/l	99
36) 1,1-Dichloropropene	5.79	75	344263	48.781	ug/l	99
37) Ethyl Acetate	4.81	43	387439	49.714	ug/l	99
38) Carbon Tetrachloride	5.78	117	323039	50.246	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	436509	50.092	ug/l	98
40) Benzene	6.13	78	1061404	48.880	ug/l	99
41) Methacrylonitrile	5.02	41	215057	49.734	ug/l	99
42) 1,2-Dichloroethane	6.18	62	362562	49.256	ug/l	99
43) Isopropyl Acetate	6.43	43	646037	50.090	ug/l	99
44) Trichloroethene	7.20	130	291949	48.676	ug/l	98
45) 1,2-Dichloropropane	7.51	63	282569	50.770	ug/l	98
46) Dibromomethane	7.65	93	176019	47.835	ug/l	99
47) Bromodichloromethane	7.89	83	356751	51.478	ug/l	98
48) Methyl methacrylate	7.76	41	318511	50.433	ug/l	98
49) 1,4-Dioxane	7.73	88	113638	884.184	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2003693	247.374	ug/l	99
52) Toluene	8.78	92	665377	48.479	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	396477	52.175	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	442272	52.242	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	273574	49.733	ug/l	98
56) Ethyl methacrylate	9.17	69	436608	50.528	ug/l	100
57) 1,3-Dichloropropane	9.36	76	462008	49.919	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	899003	274.920	ug/l	99
59) 2-Hexanone	9.48	43	1587018	243.392	ug/l	100
60) Dibromochloromethane	9.57	129	283107	51.776	ug/l	99
61) 1,2-Dibromoethane	9.67	107	282109	50.124	ug/l	99
64) Tetrachloroethene	9.33	164	301519	48.932	ug/l	98
65) Chlorobenzene	10.14	112	723465	48.861	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	266696	50.446	ug/l	99
67) Ethyl Benzene	10.25	91	1280881	50.318	ug/l	98
68) m/p-Xylenes	10.35	106	986317	100.741	ug/l	100
69) o-Xylene	10.70	106	470550	49.004	ug/l	98
70) Styrene	10.71	104	815836	50.245	ug/l	99
71) Bromoform	10.85	173	219667	51.690	ug/l #	99
73) Isopropylbenzene	11.01	105	1261263	49.579	ug/l	100
74) N-amyl acetate	10.89	43	577863	48.460	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	412518	46.772	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	339009m	43.218	ug/l	
77) Bromobenzene	11.25	156	322167	46.028	ug/l	98
78) n-propylbenzene	11.35	91	1465712	51.365	ug/l	100
79) 2-Chlorotoluene	11.42	91	849140	48.954	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1060635	49.539	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	138352	49.782	ug/l	98
82) 4-Chlorotoluene	11.51	91	983077	48.860	ug/l	99
83) tert-Butylbenzene	11.76	119	1029302	49.401	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1071108	49.956	ug/l	100
85) sec-Butylbenzene	11.94	105	1245994	50.657	ug/l	100
86) p-Isopropyltoluene	12.06	119	1151562	51.181	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	576954	47.033	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	582380	46.690	ug/l	99
89) n-Butylbenzene	12.39	91	1015702	52.906	ug/l	99
90) Hexachloroethane	12.59	117	200969	49.728	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	578948	46.883	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	84504	43.297	ug/l	96

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ClientSampleId :
VSTDCCC050

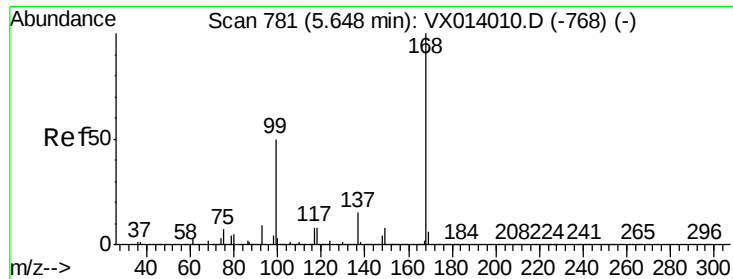
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	404910	50.448	ug/l	98
94) Hexachlorobutadiene	13.77	225	193859	50.257	ug/l	96
95) Naphthalene	13.83	128	1186498	50.315	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	395211	49.881	ug/l	98

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



#1

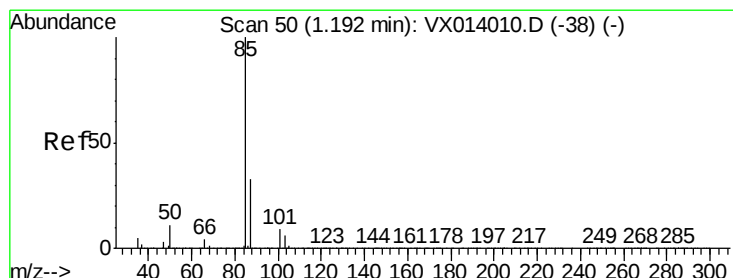
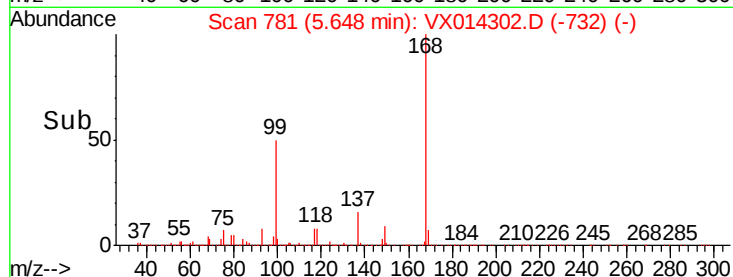
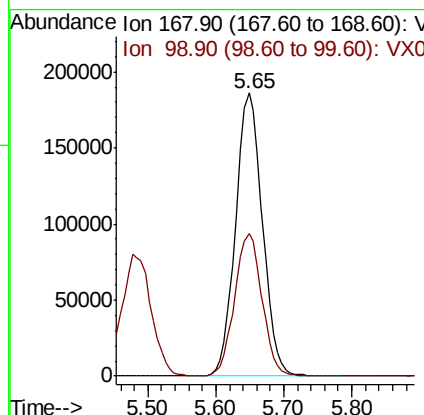
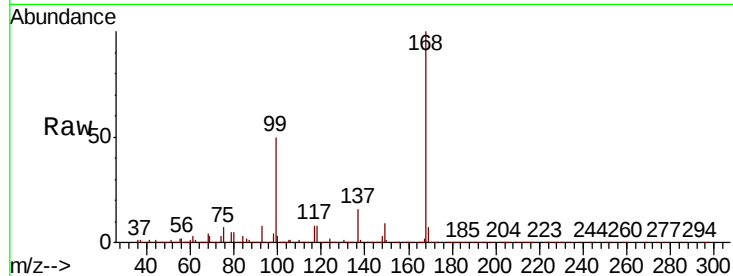
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
168	100	510192		
99	50.1		40.3	60.5

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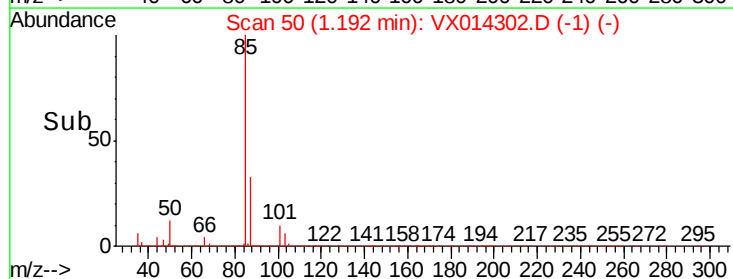
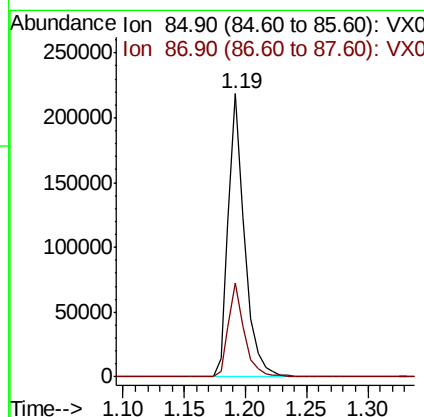
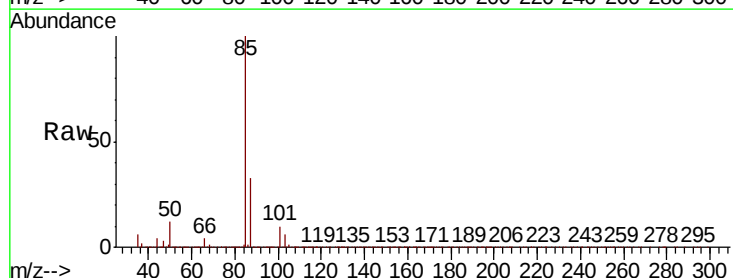
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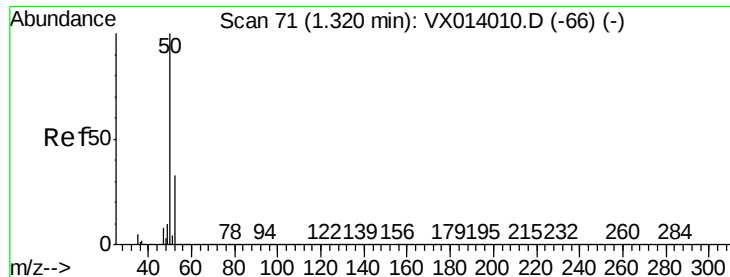


#2

Dichlorodifluoromethane
 Concen: 44.362 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	202483		
87	33.0		16.4	49.2





#3

Chloromethane

Concen: 44.592 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 273142

Ion Ratio Lower Upper

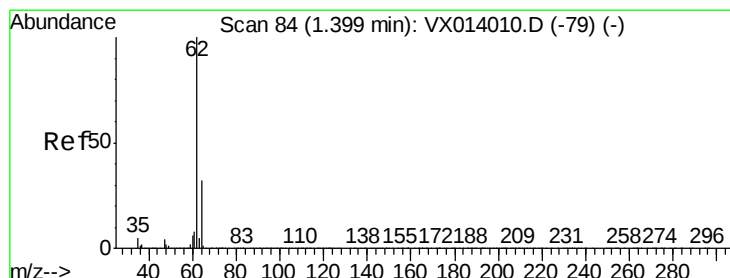
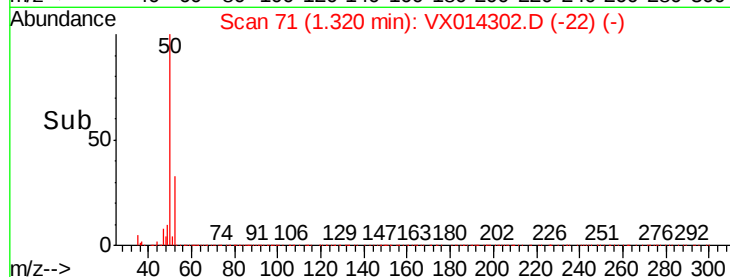
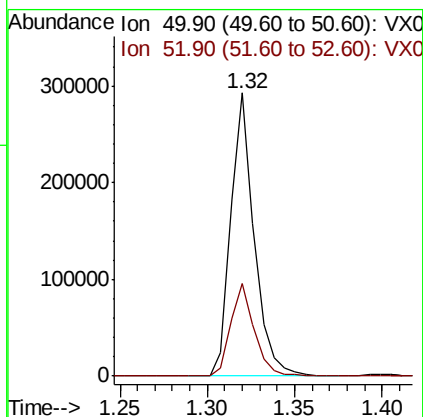
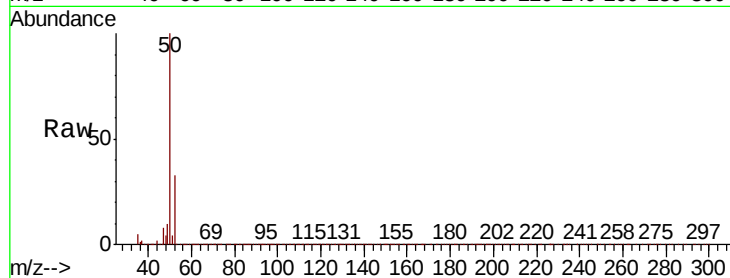
50 100

52 32.5 26.2 39.4

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#4

Vinyl Chloride

Concen: 45.695 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014302.D

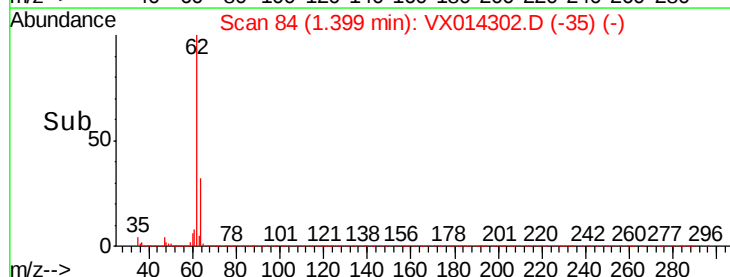
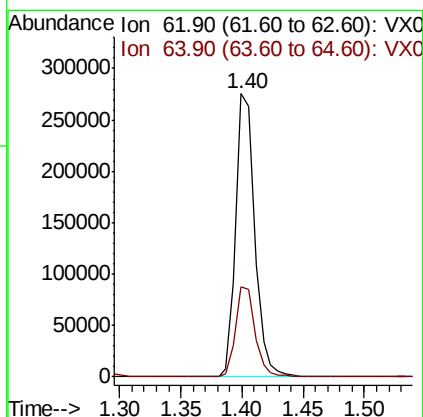
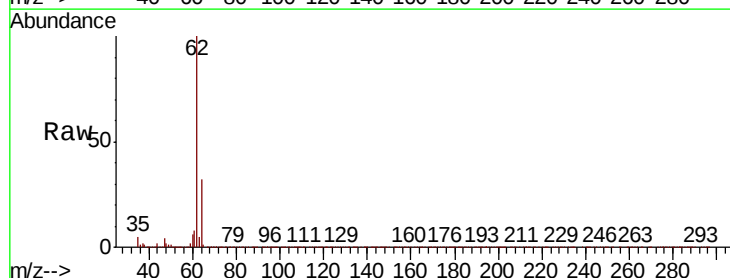
Acq: 27 Dec 2019 12:03

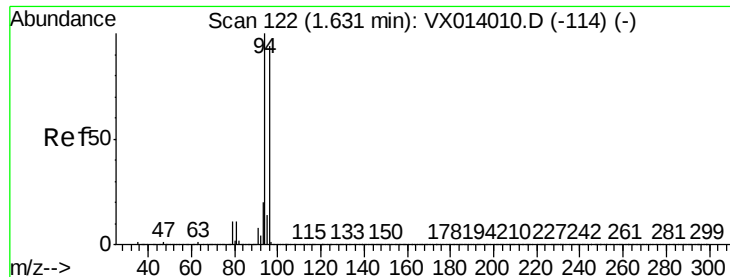
Tgt Ion: 62 Resp: 295345

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 44.216 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 202838

Ion Ratio Lower Upper

94 100

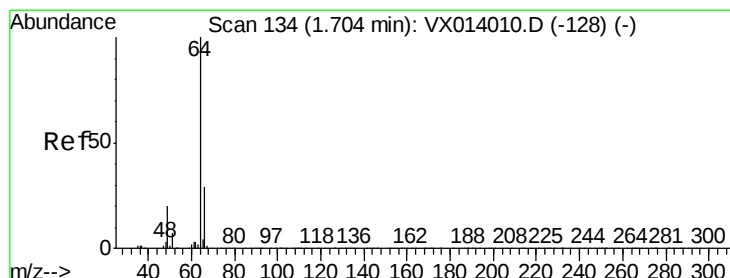
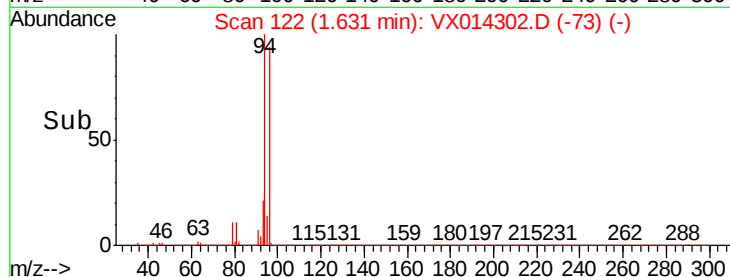
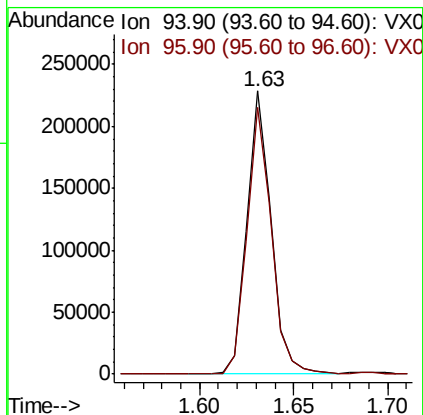
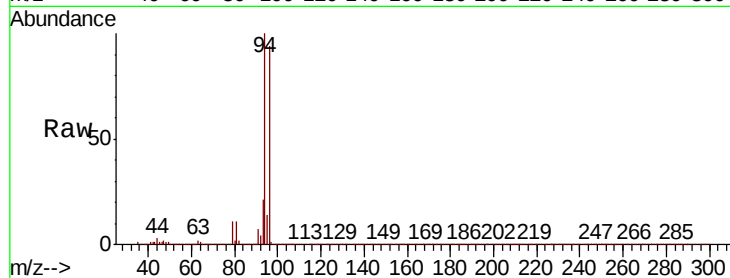
96 94.3 75.2 112.8

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#6

Chloroethane

Concen: 47.206 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014302.D

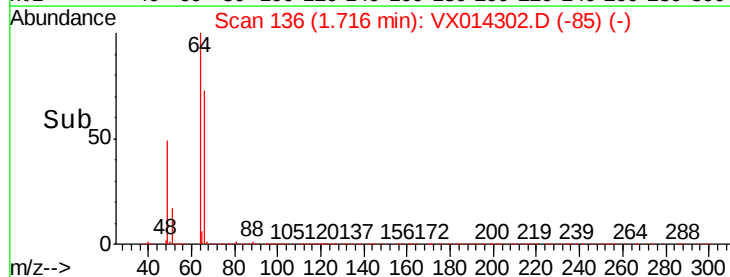
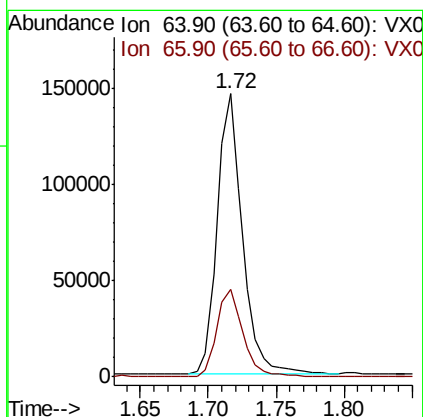
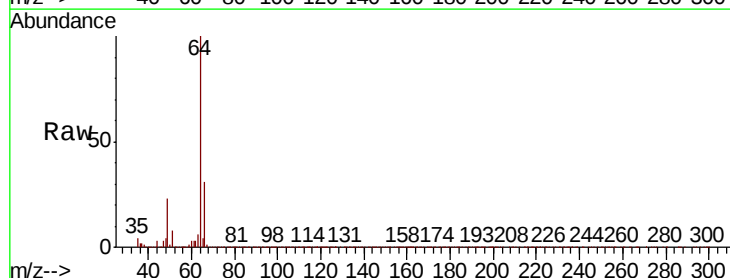
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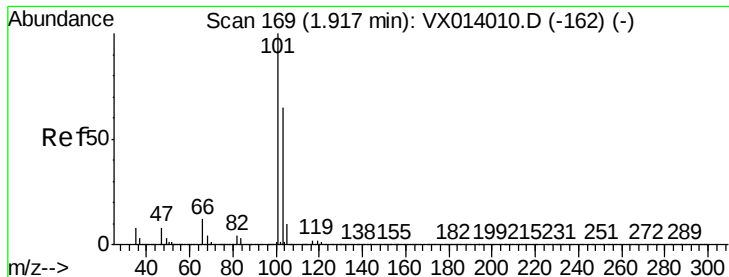
Tgt Ion: 64 Resp: 188310

Ion Ratio Lower Upper

64 100

66 31.1 23.4 35.2





#7

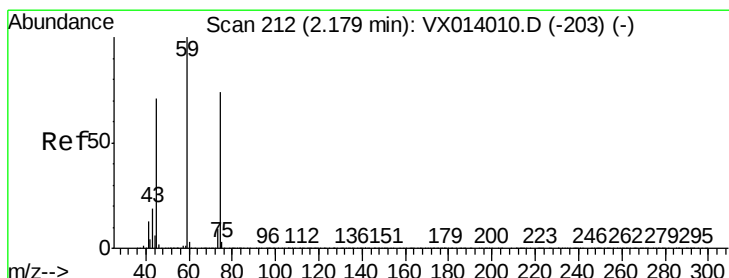
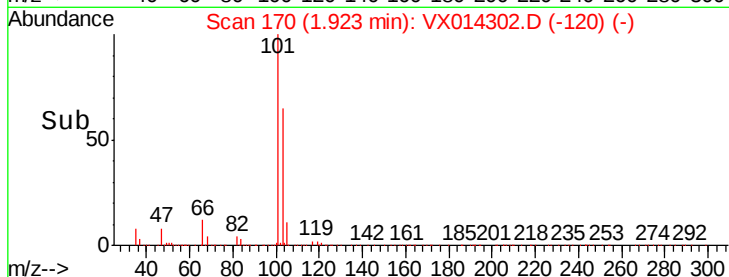
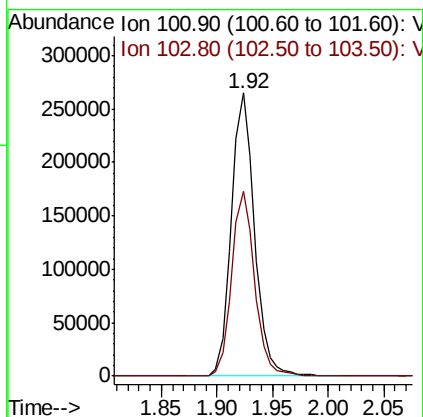
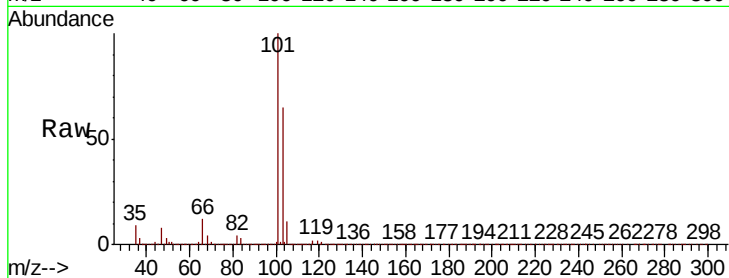
Trichlorofluoromethane
Concen: 47.759 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.2	78.4

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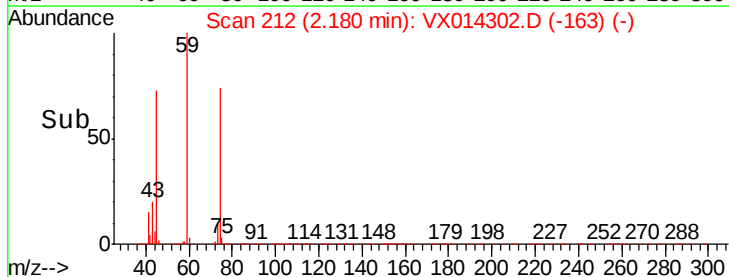
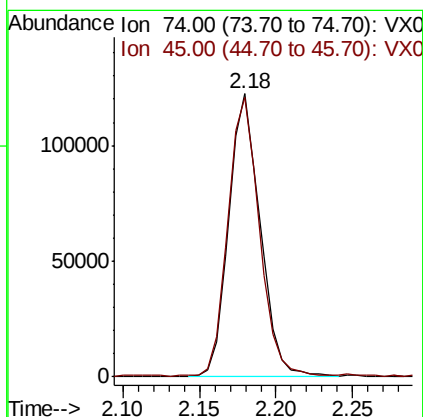
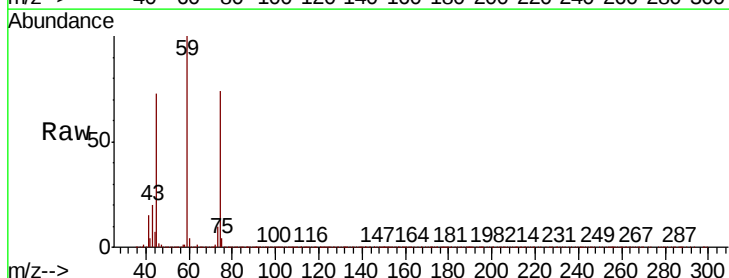
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12/30/2019 11:04:07 AM

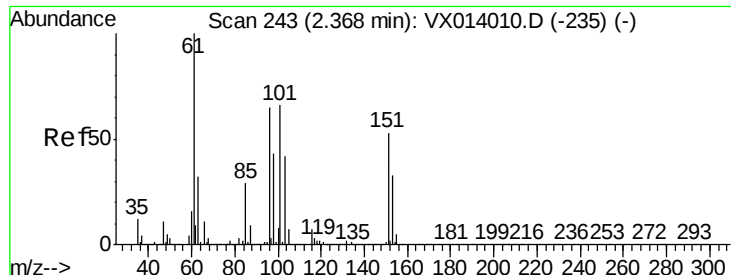


#8

Diethyl Ether
Concen: 46.084 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.2	48.1	144.3





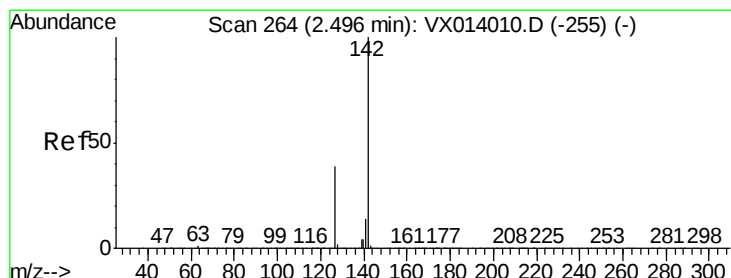
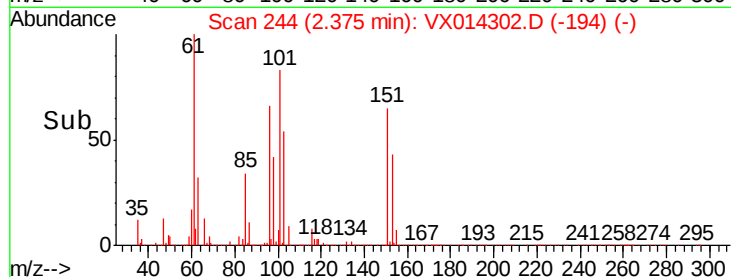
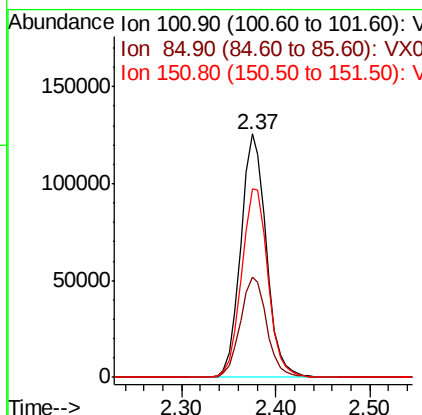
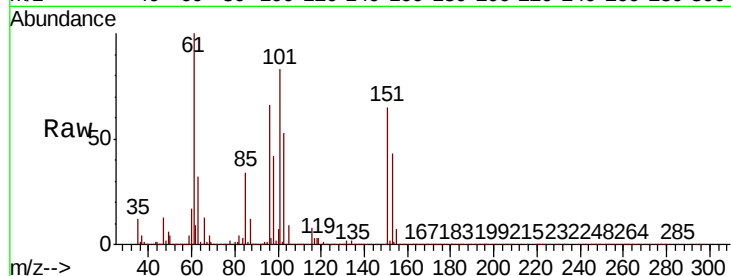
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.085 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	236741		
85	42.6	33.7	50.5	
151	80.4	64.5	96.7	

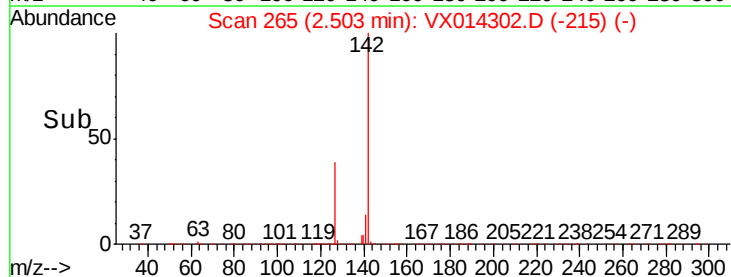
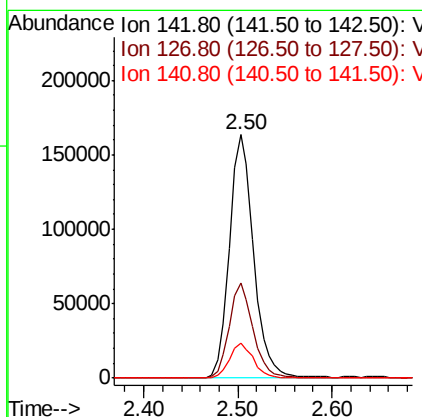
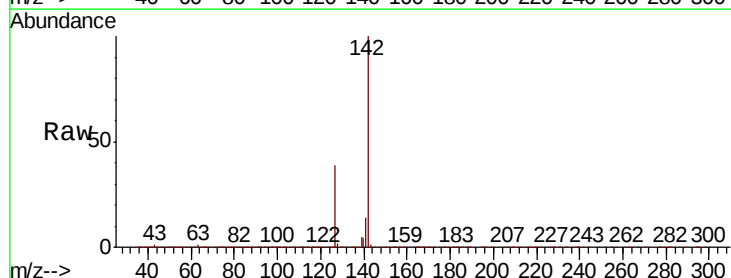
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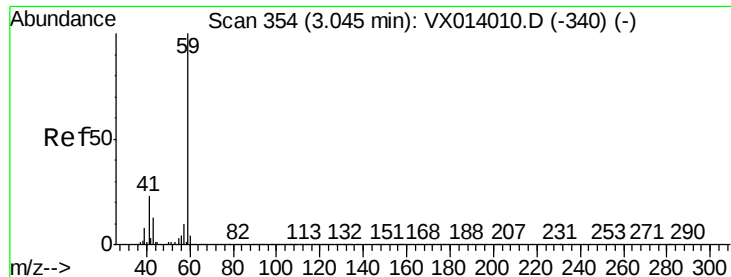
apatel
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#10
Methyl Iodide
Concen: 45.888 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	290424		
127	38.6	31.6	47.4	
141	14.4	11.6	17.4	





#11

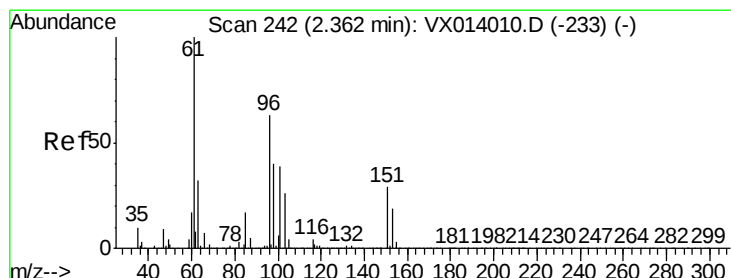
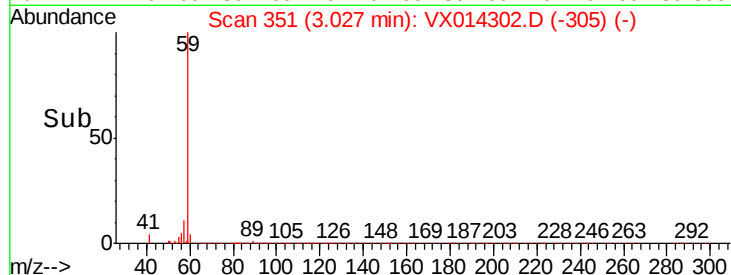
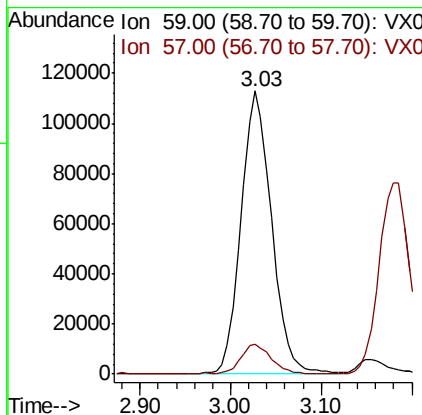
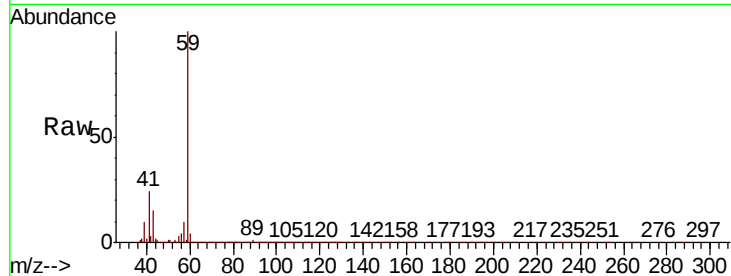
Tert butyl alcohol
 Concen: 209.678 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6

Manual Integrations
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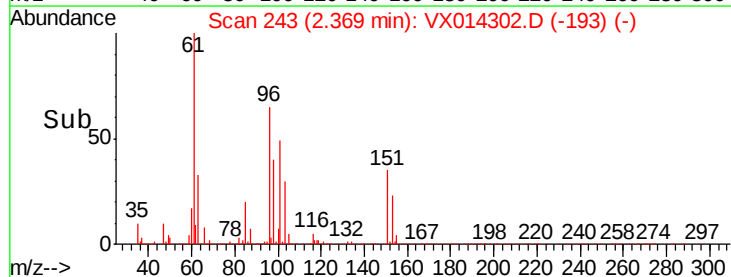
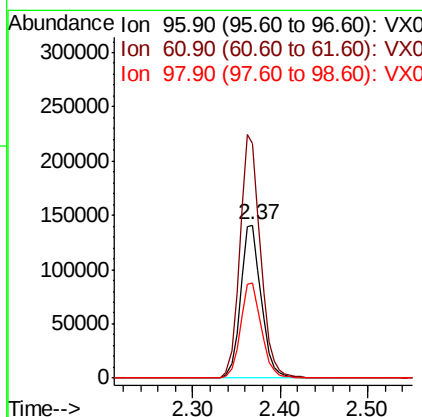
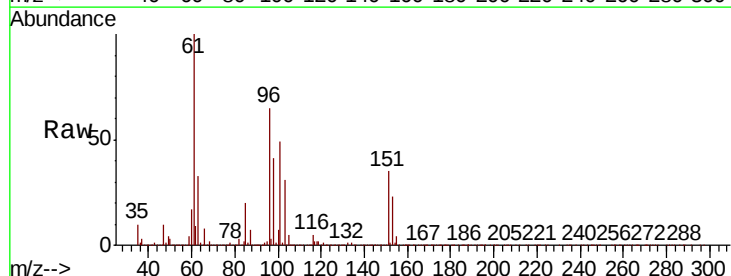
apatel
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#12

1,1-Dichloroethene
 Concen: 47.236 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.3	127.9	191.9
98	62.1	50.5	75.7





#13

Acrolein

Concen: 282.270 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 201883

Ion Ratio Lower Upper

56 100

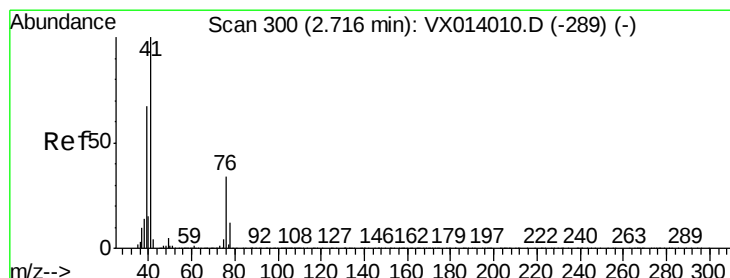
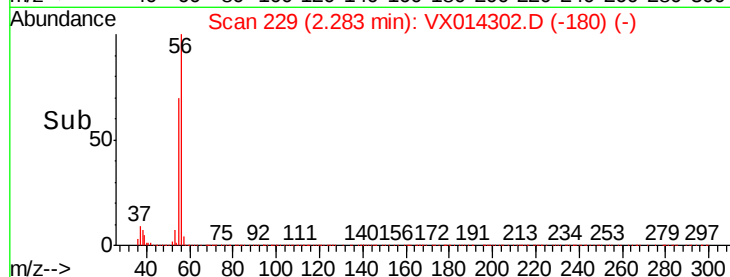
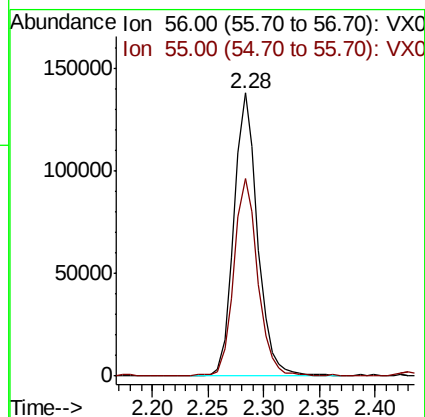
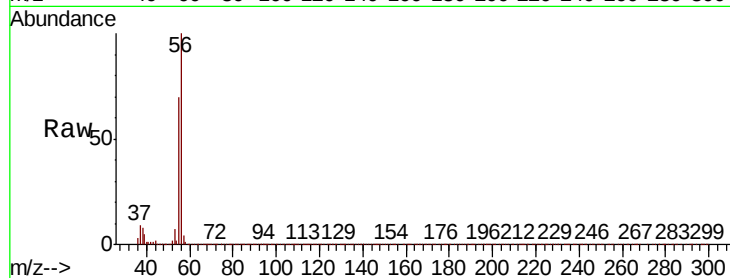
55 69.9 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 49.394 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

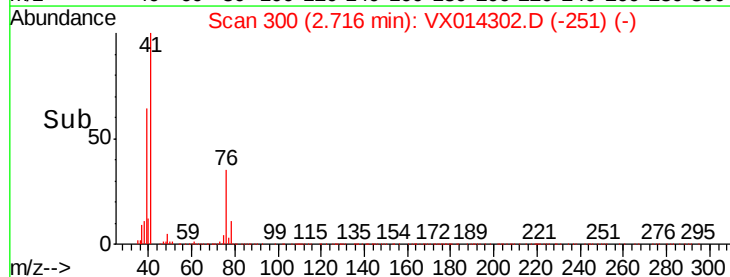
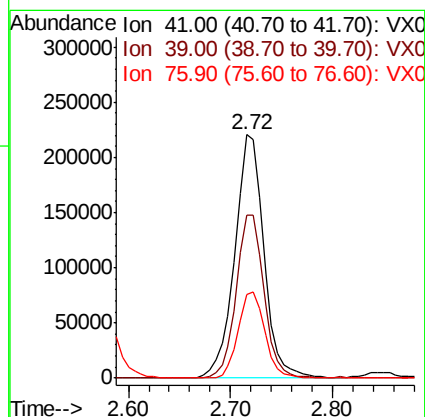
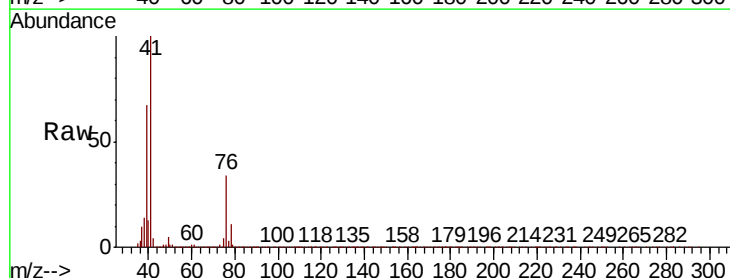
Tgt Ion: 41 Resp: 432818

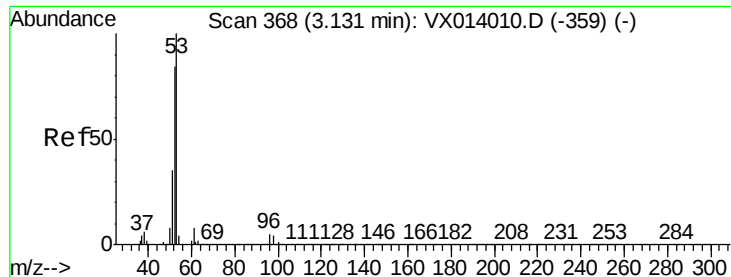
Ion Ratio Lower Upper

41 100

39 63.7 51.8 77.8

76 32.6 25.9 38.9





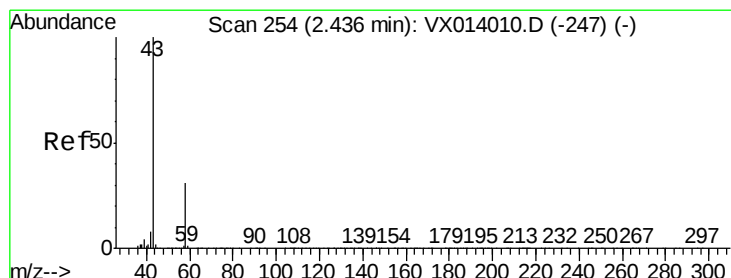
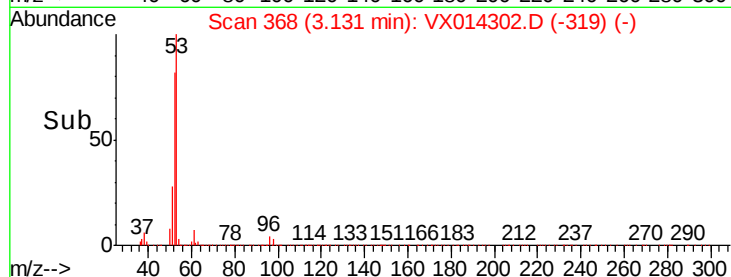
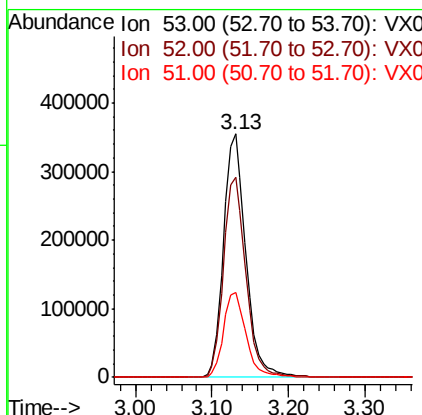
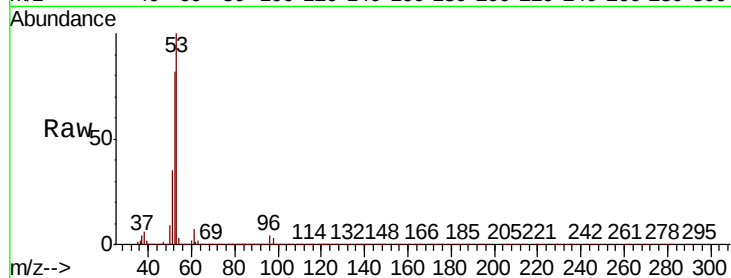
#15
 Acrylonitrile
 Concen: 245.461 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
53	100		715826		
52	82.3	66.5	99.7		
51	35.3	28.1	42.1		

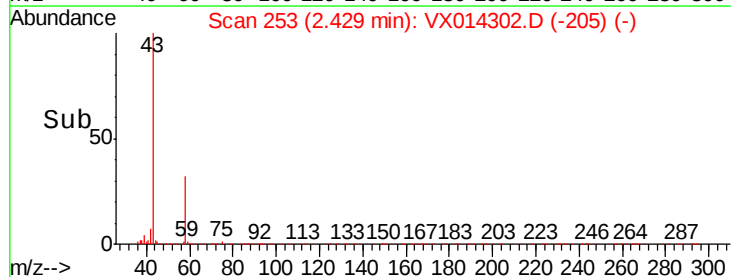
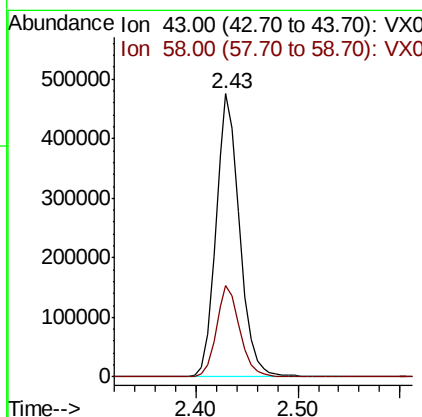
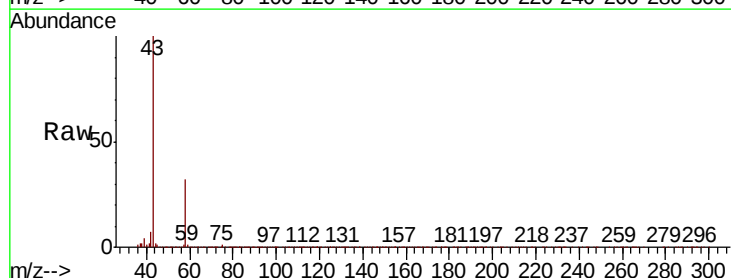
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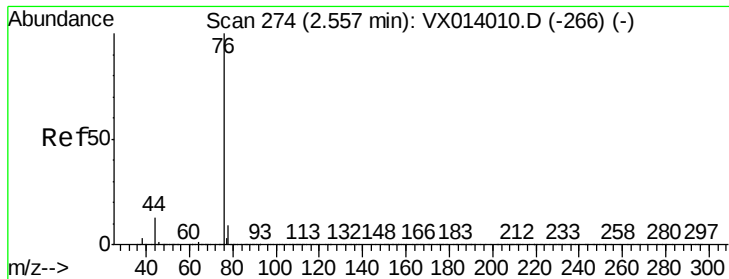
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#16
 Acetone
 Concen: 203.716 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		764744		
58	32.2	24.9	37.3		





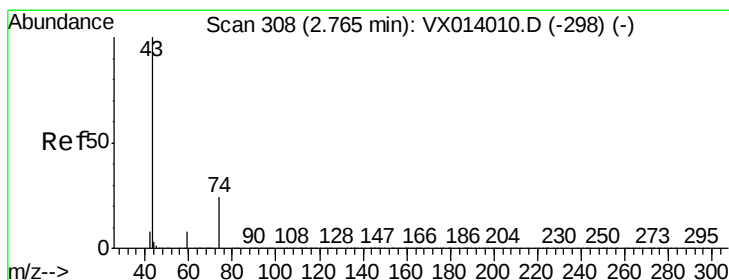
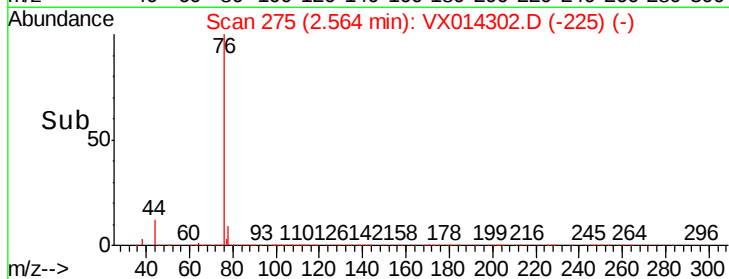
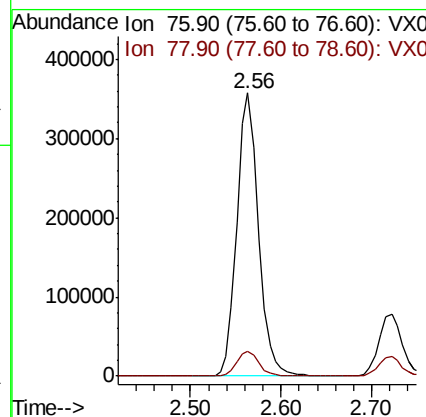
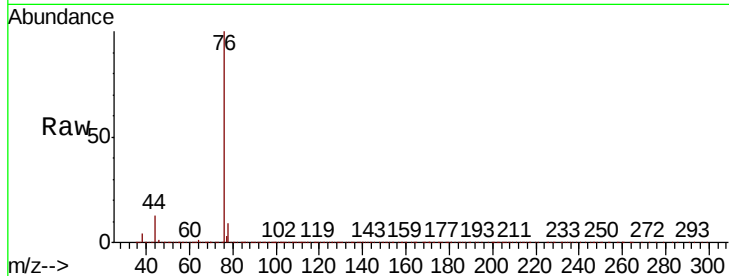
#17
Carbon Disulfide
Concen: 43.574 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

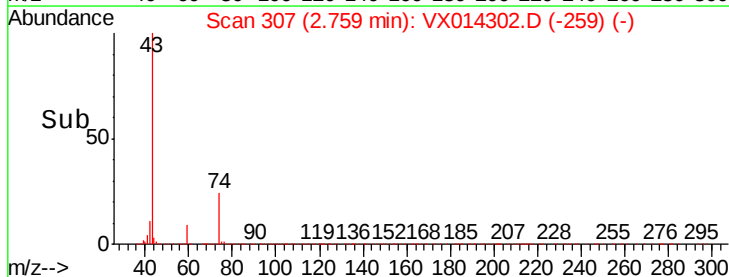
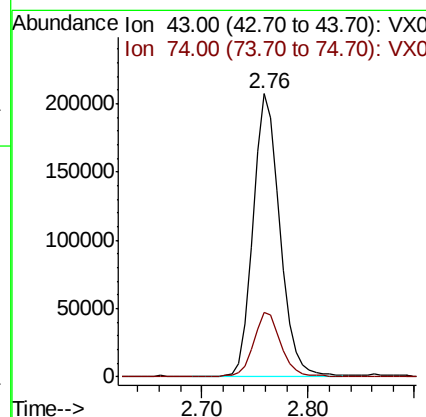
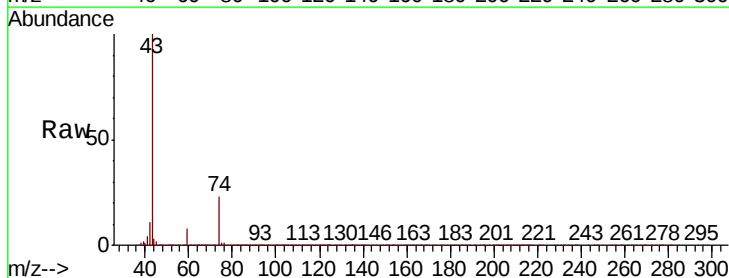
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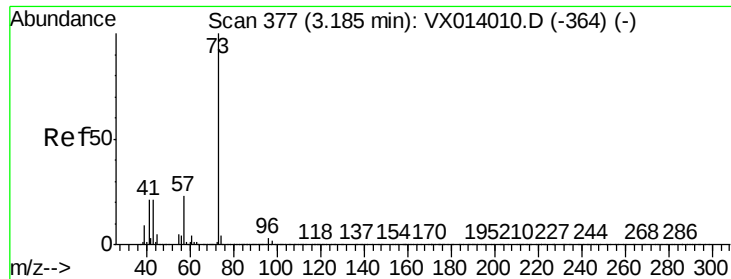
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#18
Methyl Acetate
Concen: 49.255 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.5	29.3





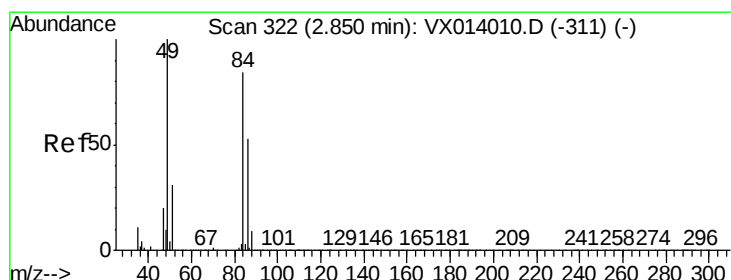
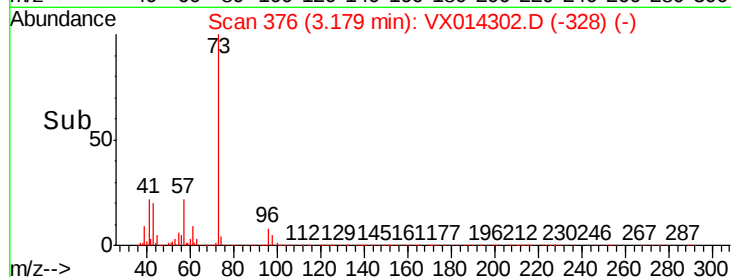
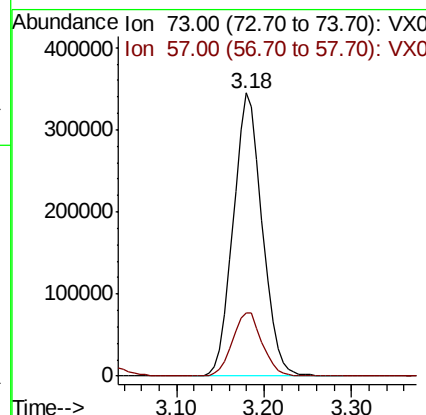
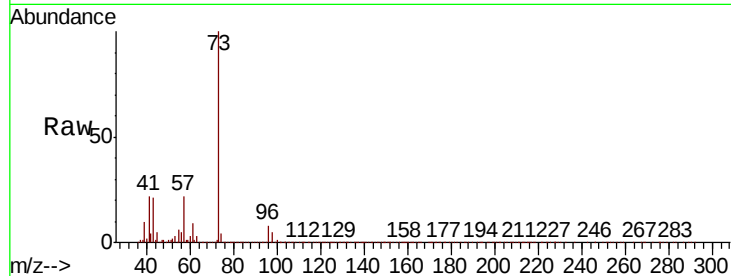
#19
Methyl tert-butyl Ether
Concen: 49.233 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.8	28.2

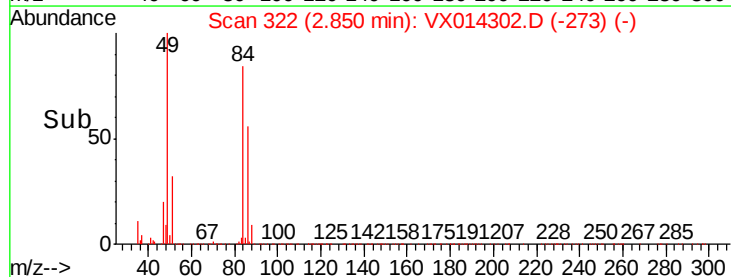
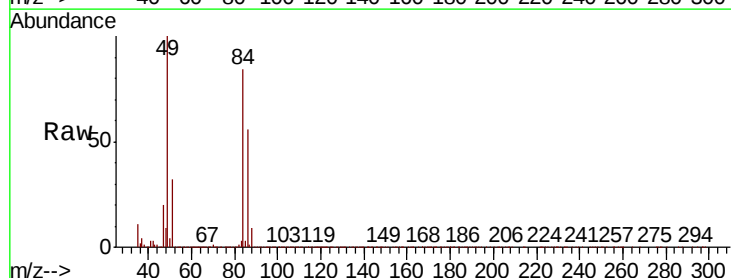
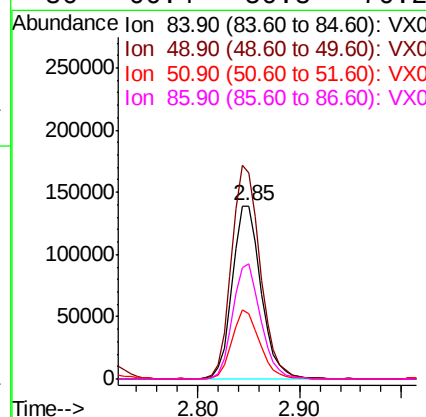
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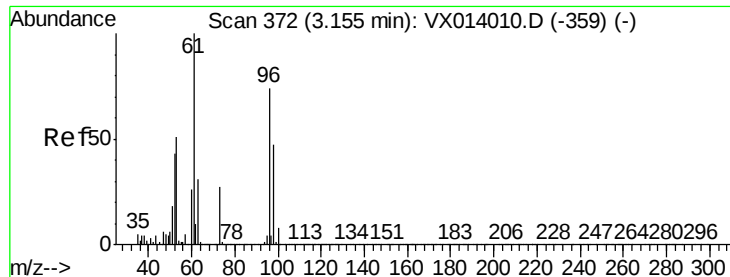
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#20
Methylene Chloride
Concen: 45.796 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.0	95.8	143.6
51	37.5	29.8	44.8
86	66.4	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 46.703 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

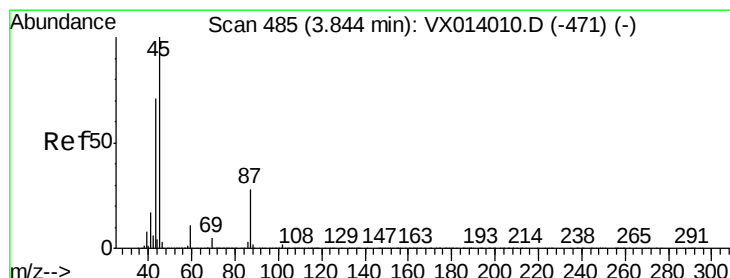
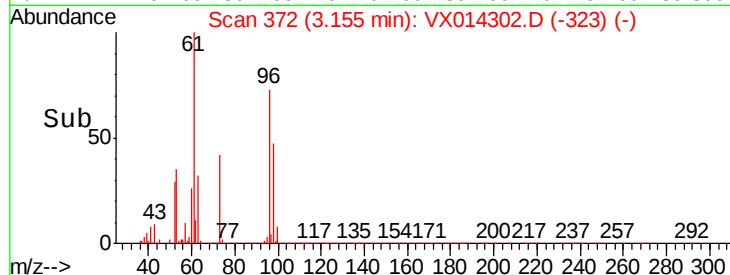
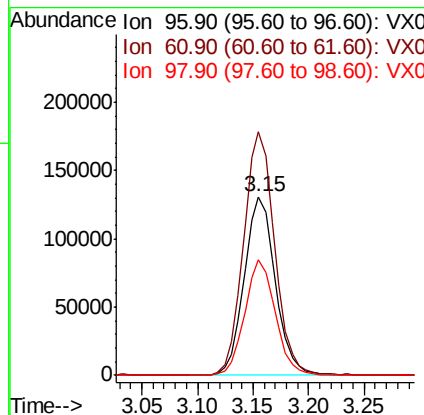
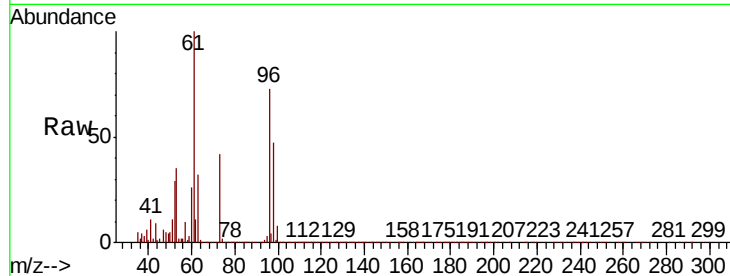
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	252512
Ion Ratio	Lower	Upper	
96	100		
61	136.4	108.3	162.5
98	64.4	50.8	76.2

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#22

Diisopropyl ether

Concen: 51.221 ug/l

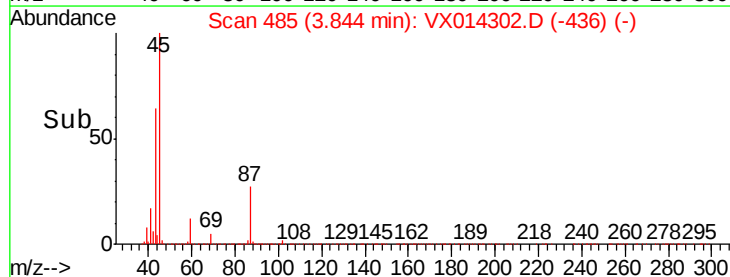
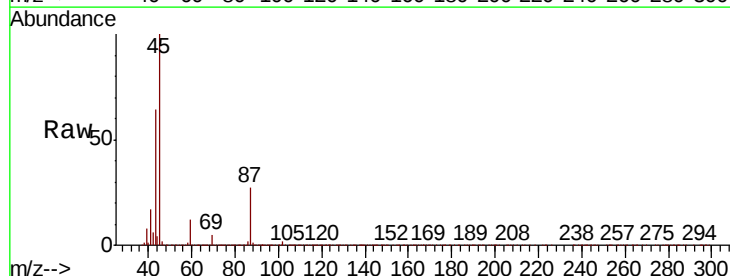
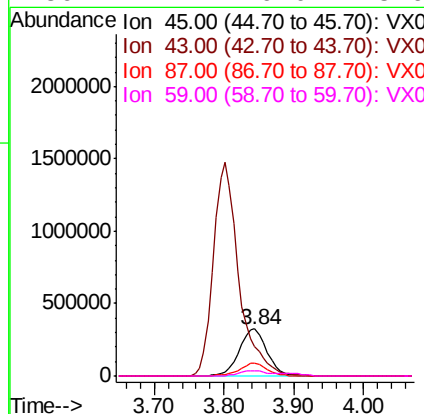
RT: 3.84 min Scan# 485

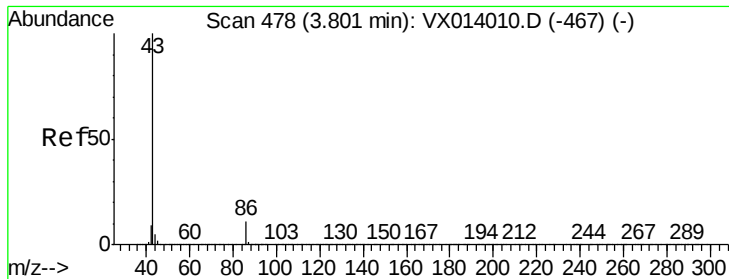
Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Tgt Ion:	45	Resp:	894400
Ion Ratio	Lower	Upper	
45	100		
43	63.8	57.4	86.0
87	27.0	21.9	32.9
59	11.7	9.0	13.6





#23

Vinyl Acetate

Concen: 263.703 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3757693

Ion Ratio Lower Upper

43 100

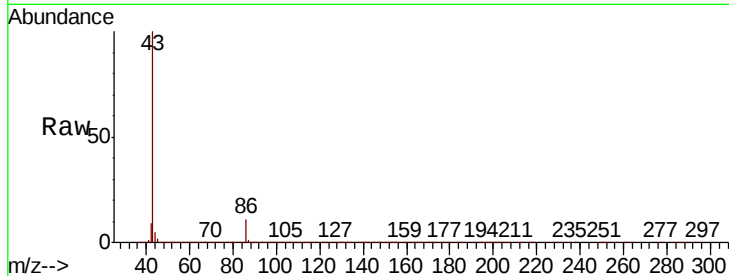
86 10.8 8.6 12.8

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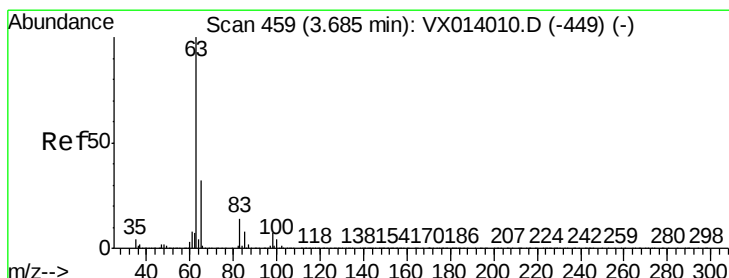
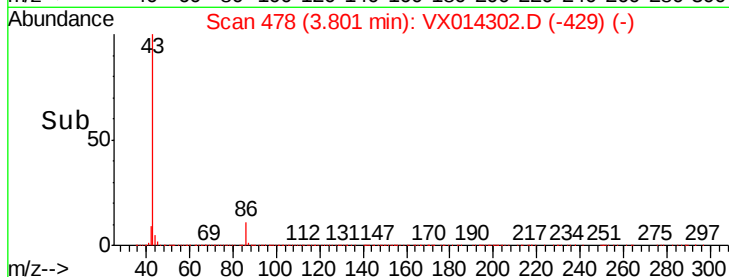
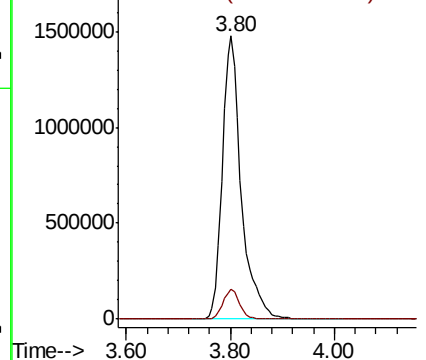
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.150 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

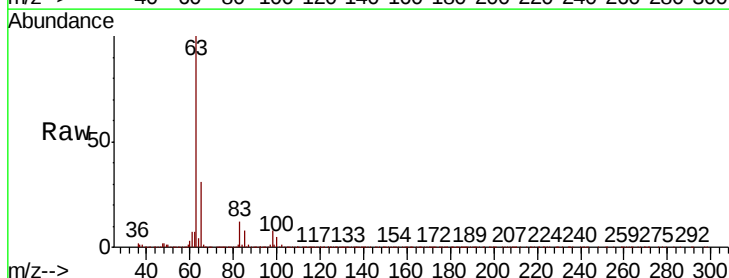
Tgt Ion: 63 Resp: 467771

Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

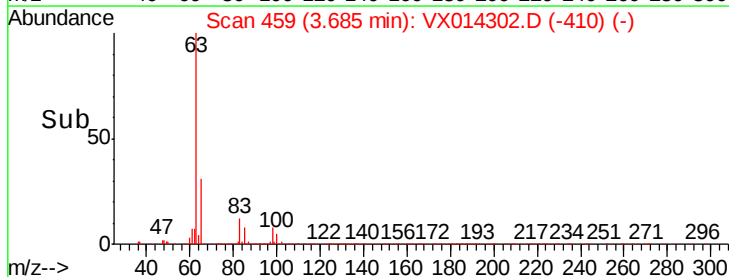
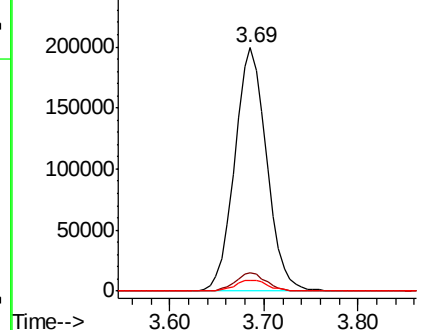
100 4.5 2.3 6.8

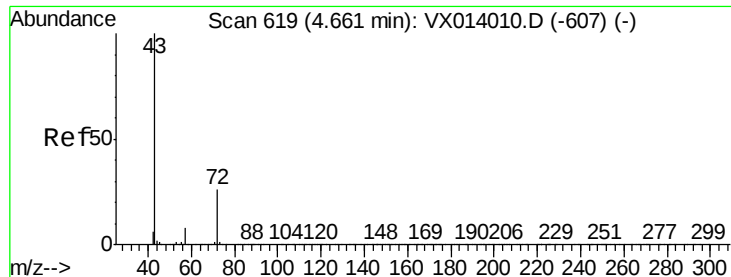


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 235.299 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1089009

Ion Ratio Lower Upper

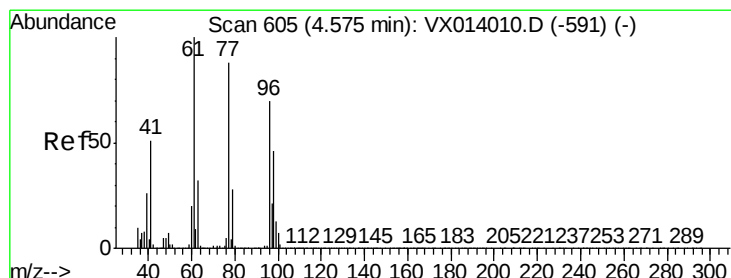
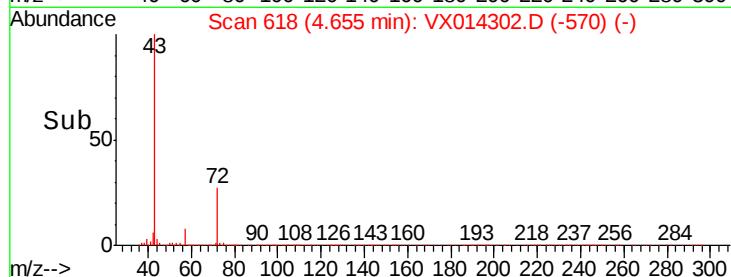
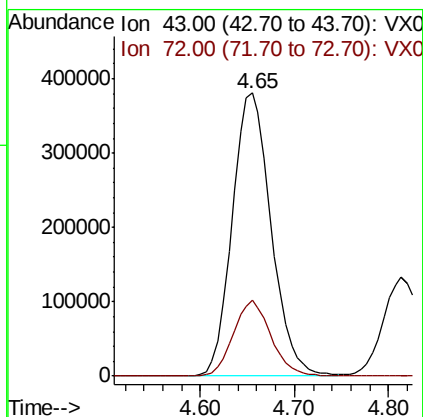
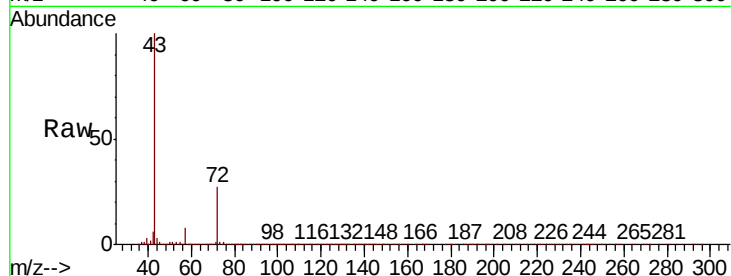
43 100

72 26.5 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 50.041 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014302.D

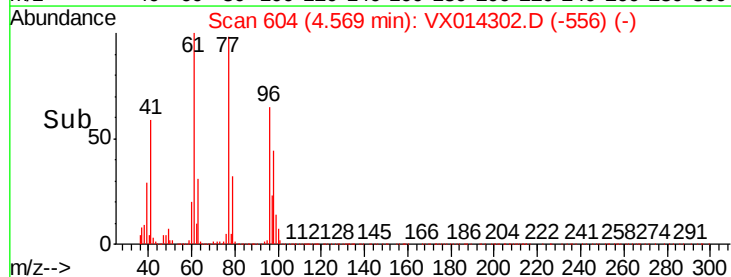
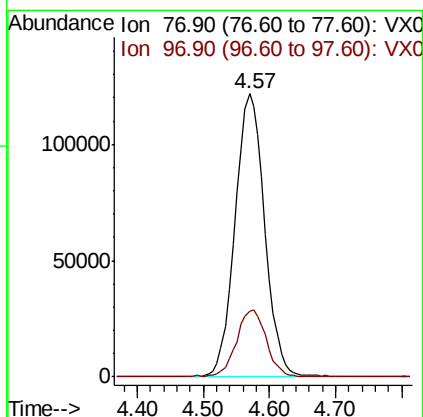
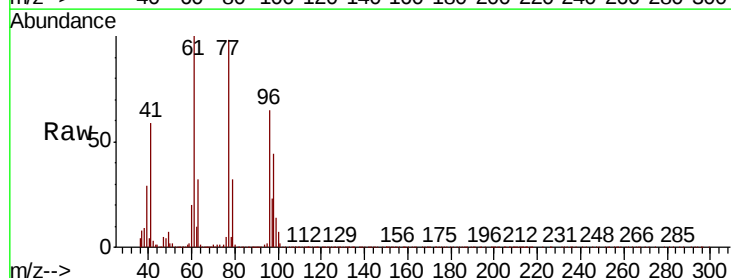
Acq: 27 Dec 2019 12:03

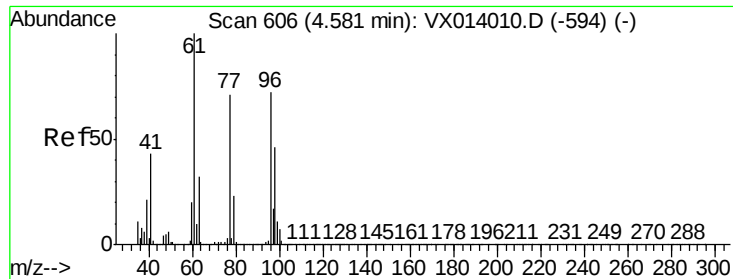
Tgt Ion: 77 Resp: 377452

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.9





#27

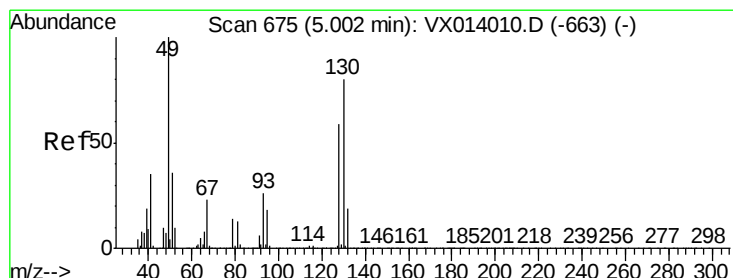
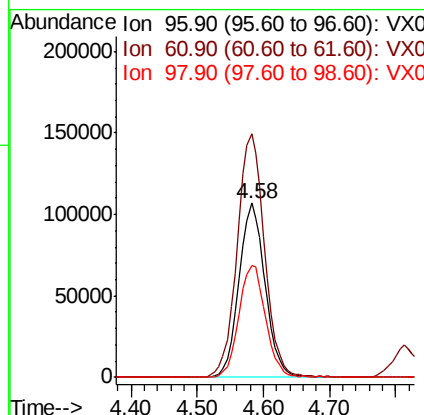
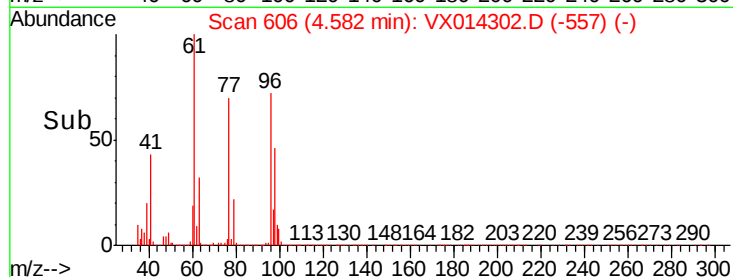
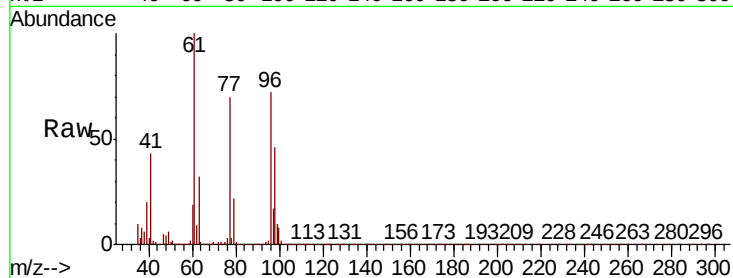
cis-1,2-Dichloroethene
Concen: 47.936 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	293117		
61	145.6	0.0	288.4	
98	65.5	0.0	129.6	

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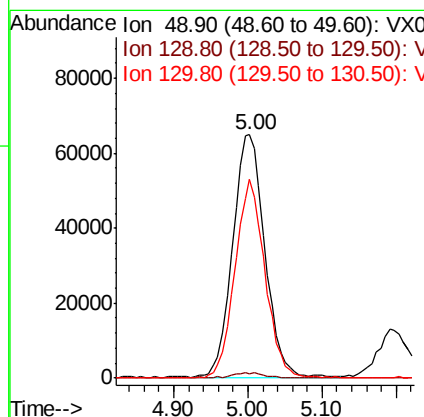
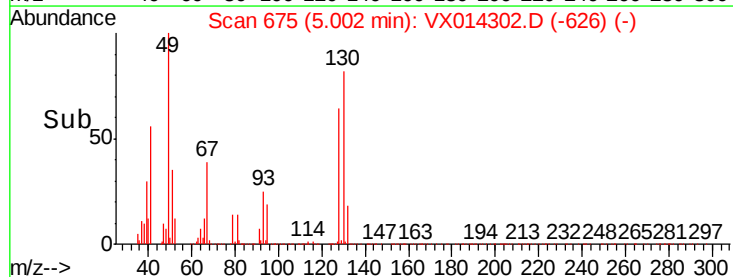
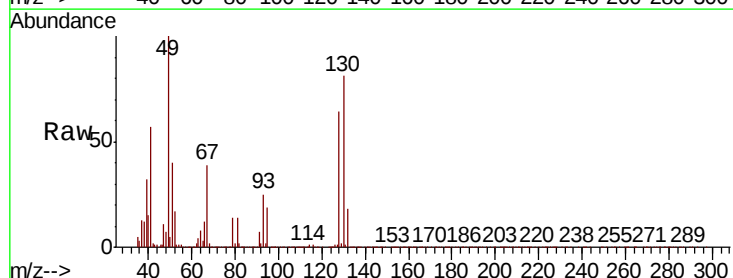
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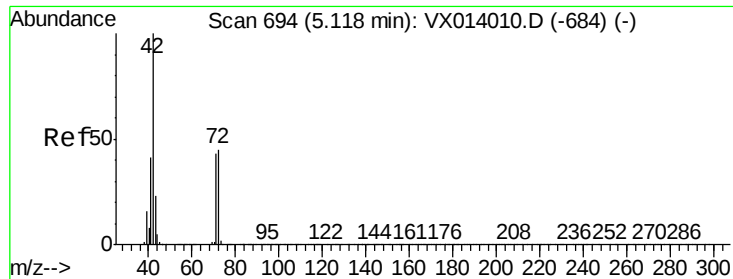


#28

Bromochloromethane
Concen: 52.530 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	196351		
129	2.0	0.0	5.0	
130	75.7	64.6	97.0	





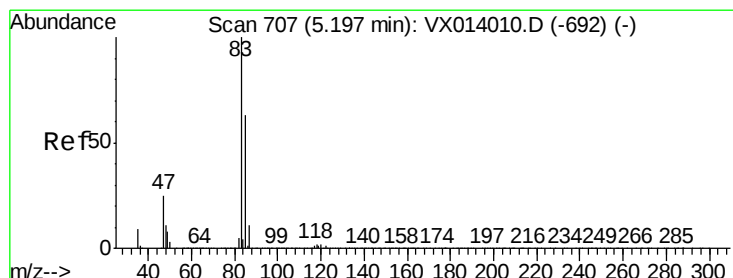
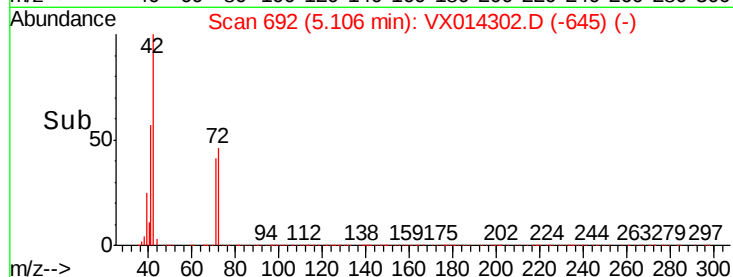
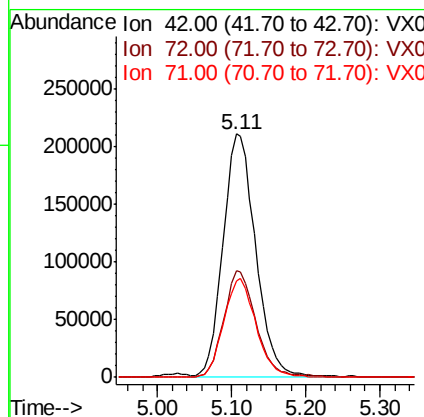
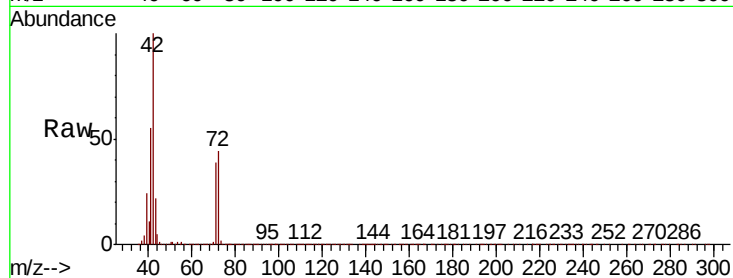
#29
Tetrahydrofuran
Concen: 246.868 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.8	53.8
71	40.7	33.6	50.4

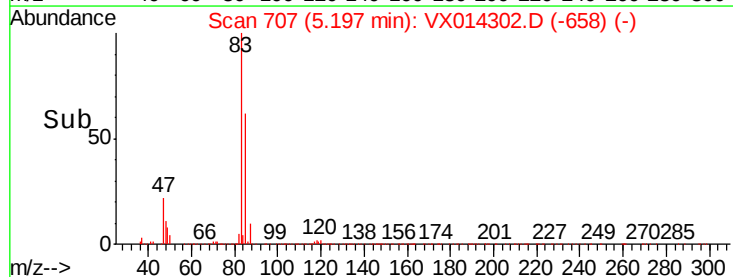
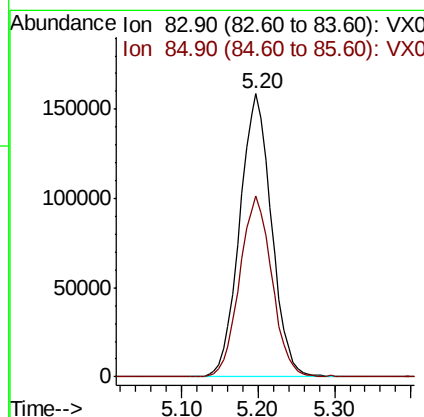
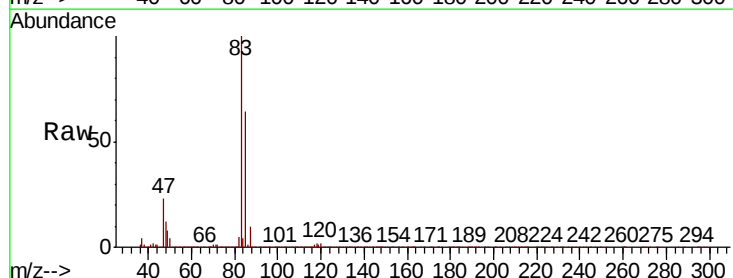
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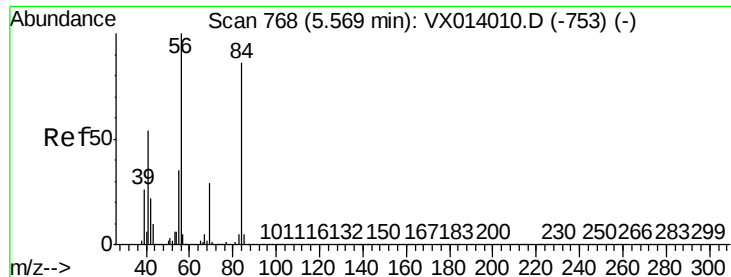
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#30
Chloroform
Concen: 49.712 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.8	76.2





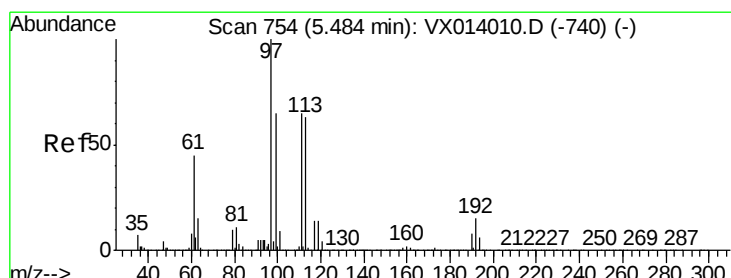
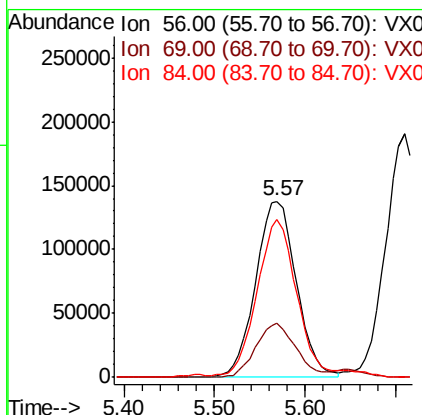
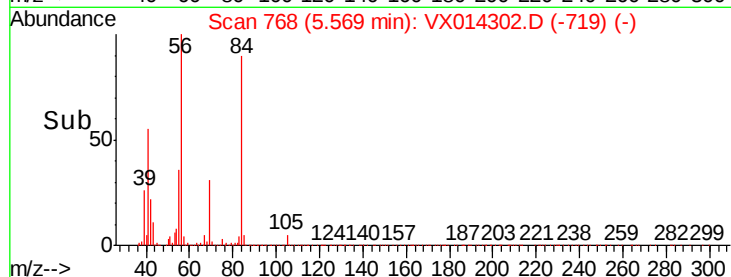
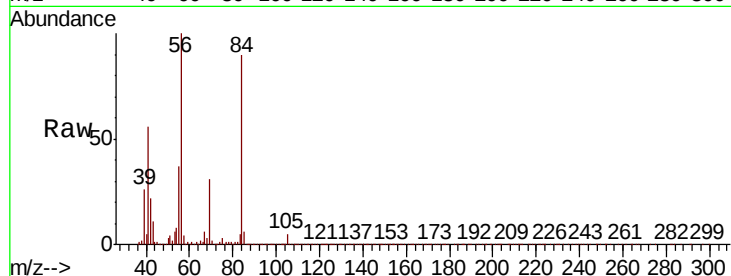
#31
Cyclohexane
Concen: 49.628 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	23.2	34.8
84	88.7	69.2	103.8

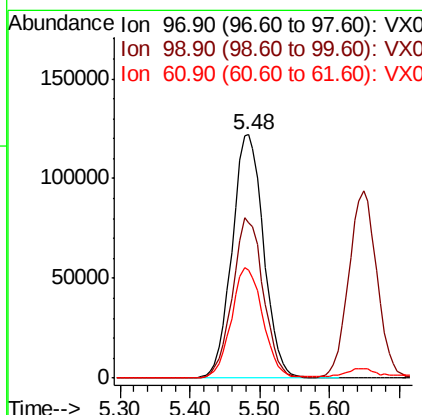
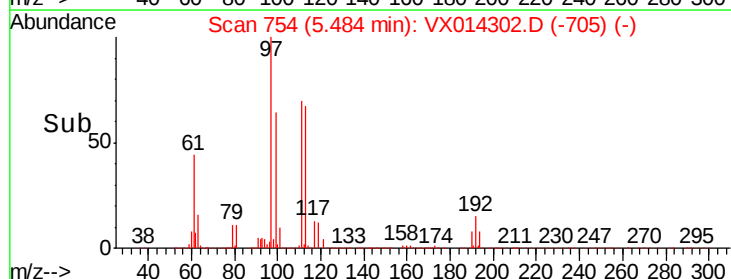
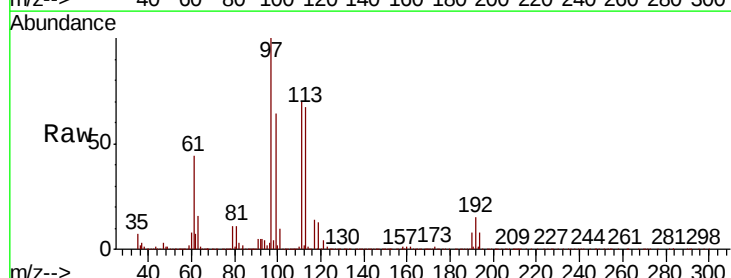
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 48.538 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.0	78.0
61	45.1	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 48.115 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 278215

Ion Ratio Lower Upper

65 100

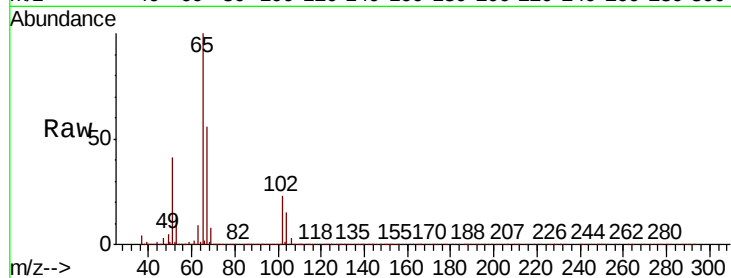
67 53.5 0.0 106.4

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

120000

100000

80000

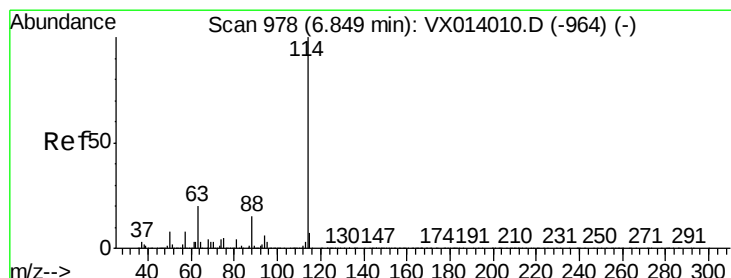
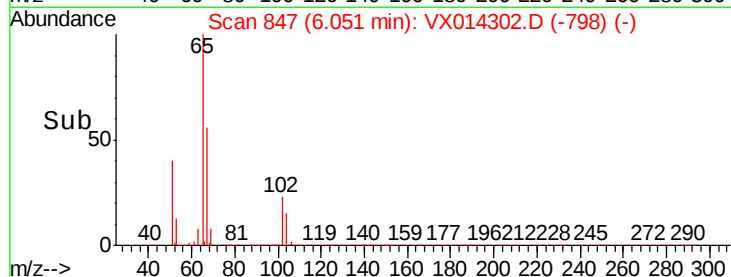
60000

40000

20000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

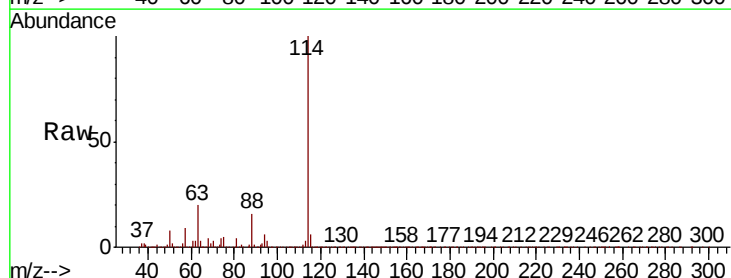
Tgt Ion: 114 Resp: 769144

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 15.9 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

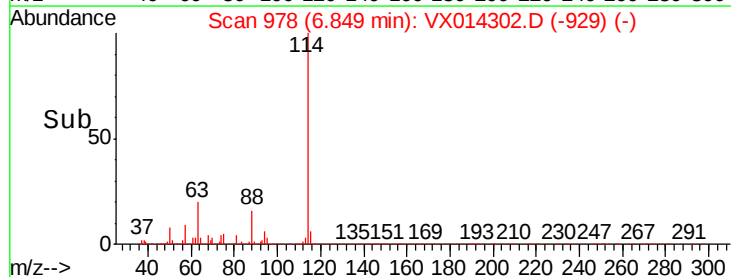
300000

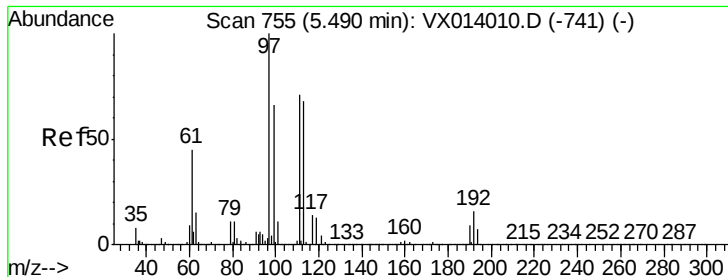
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





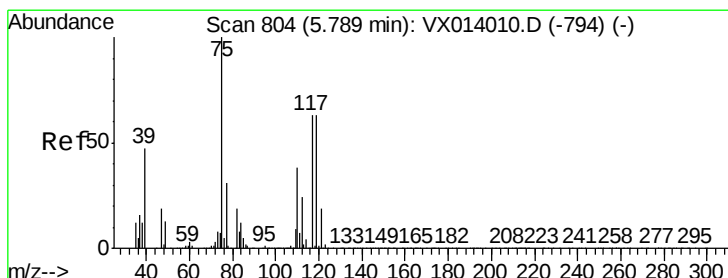
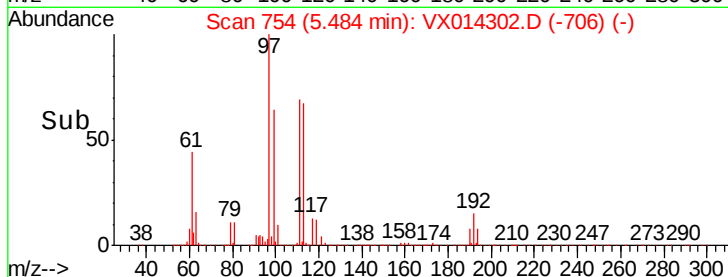
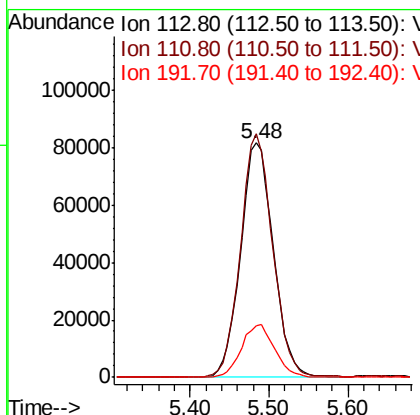
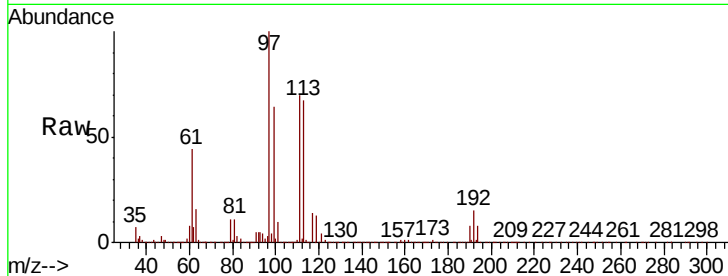
#35
Dibromofluoromethane
Concen: 50.421 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	235748		
111	102.1	82.0	123.0	
192	22.7	19.3	28.9	

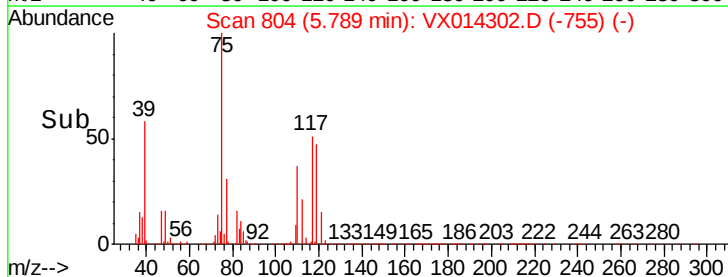
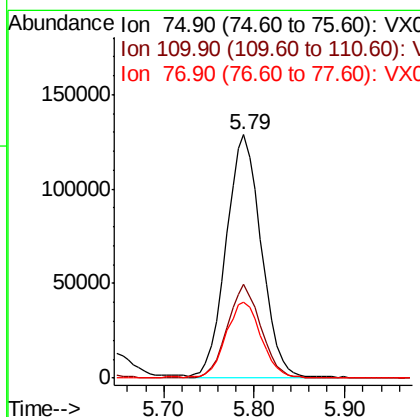
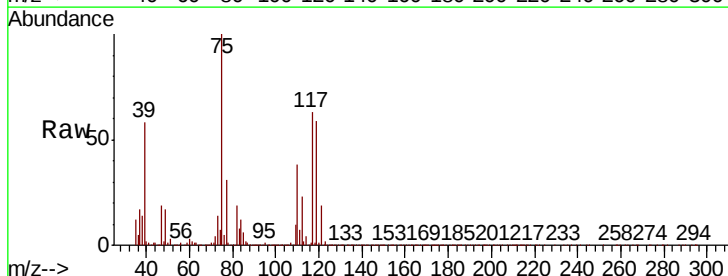
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#36
1,1-Dichloropropene
Concen: 48.781 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	344263		
110	37.2	18.3	54.9	
77	31.3	24.8	37.2	





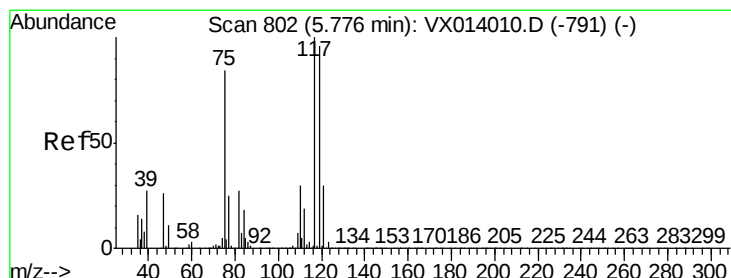
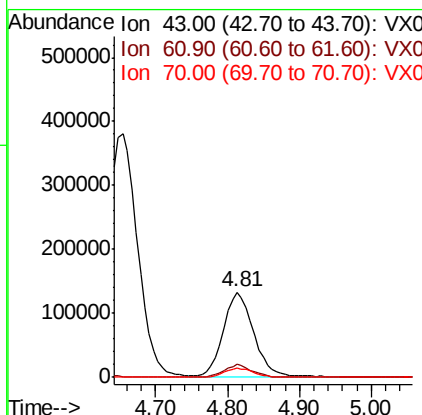
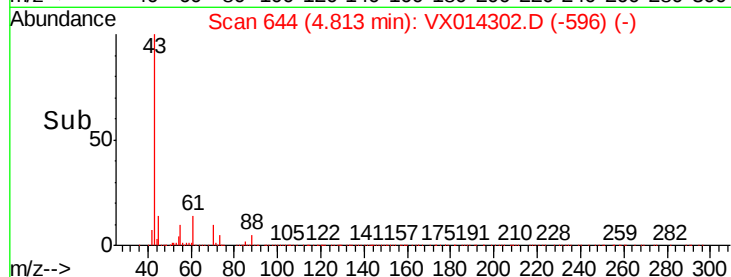
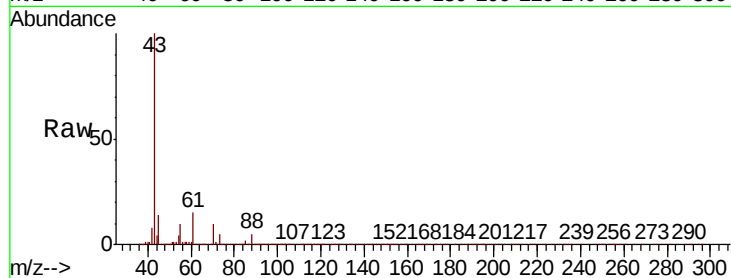
#37
Ethyl Acetate
Concen: 49.714 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	387439
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.8	16.2
70	10.5	8.6	12.8

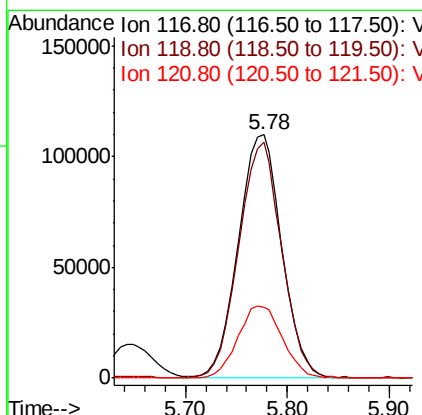
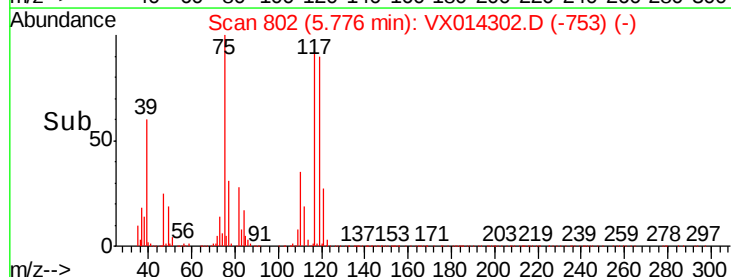
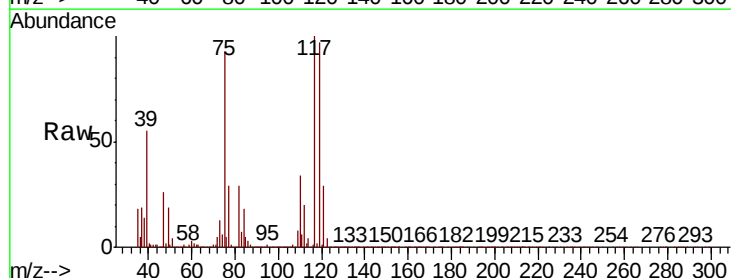
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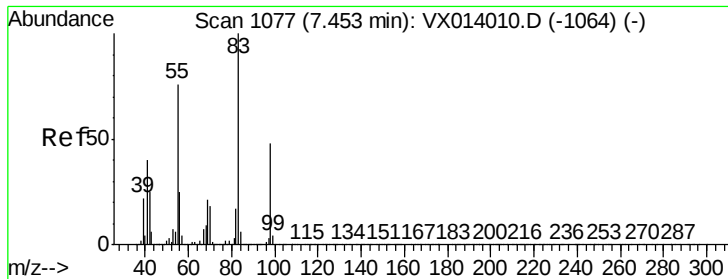
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#38
Carbon Tetrachloride
Concen: 50.246 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	117	Resp	323039
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.2	114.4
121	29.3	23.6	35.4





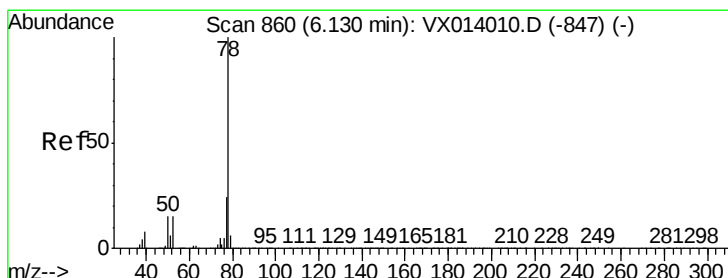
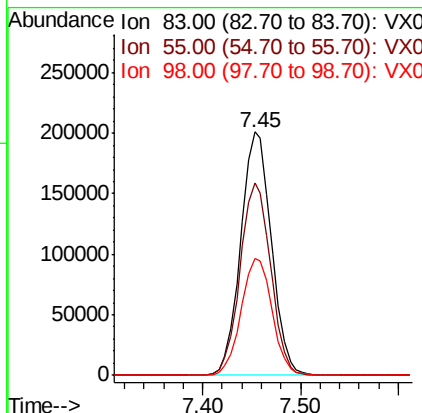
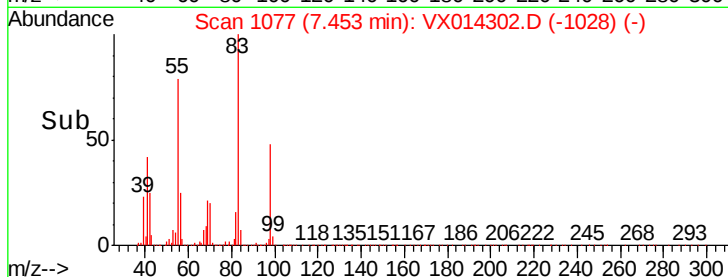
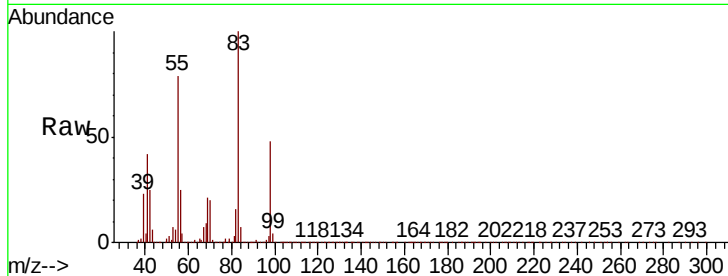
#39
Methvlcvclohexane
Concen: 50.092 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.2	61.0	91.6
98	48.1	38.6	57.8

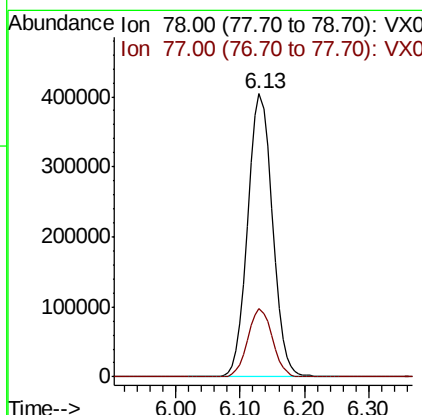
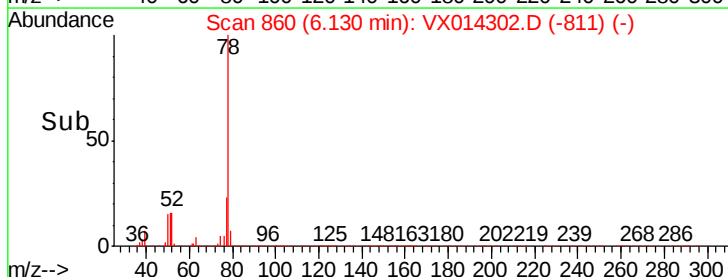
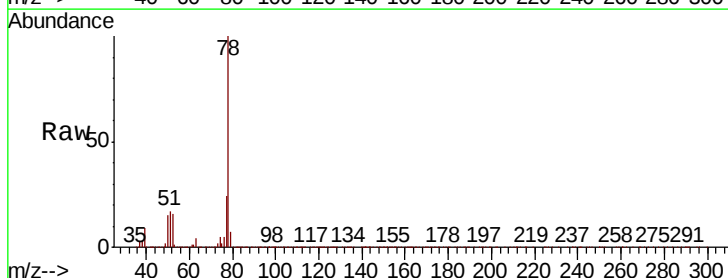
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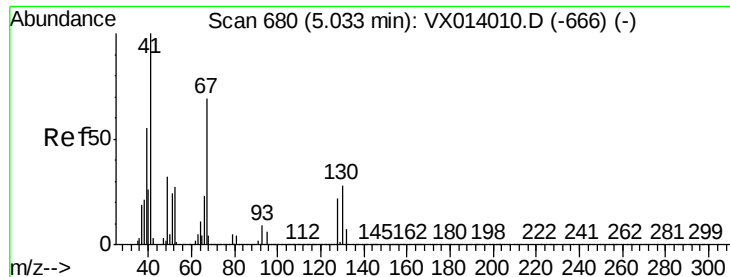
apatel
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#40
Benzene
Concen: 48.880 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2





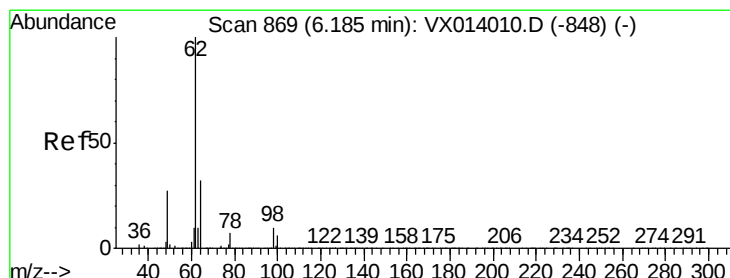
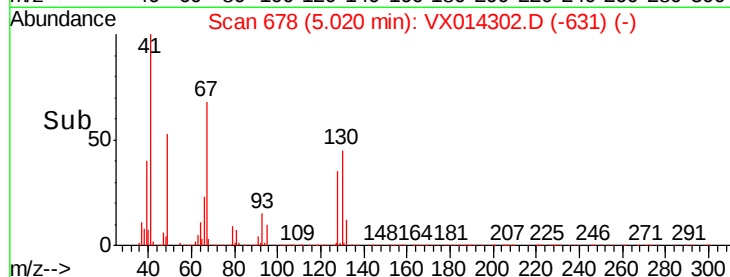
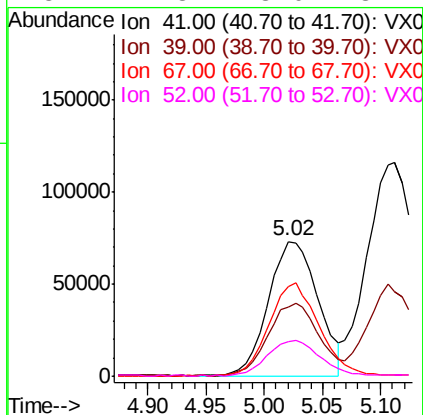
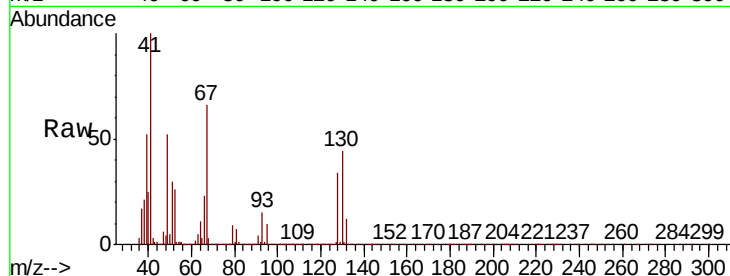
#41
Methacrylonitrile
Concen: 49.734 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		215057		
39	55.8	44.5	66.7		
67	70.0	57.4	86.0		
52	27.8	23.0	34.4		

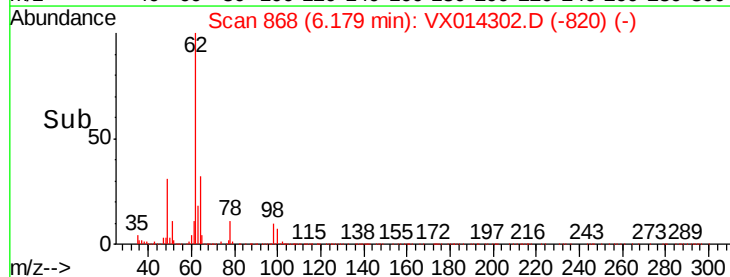
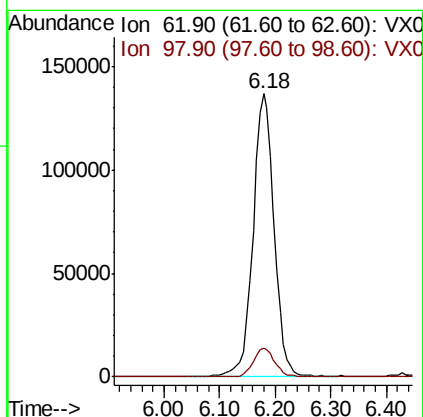
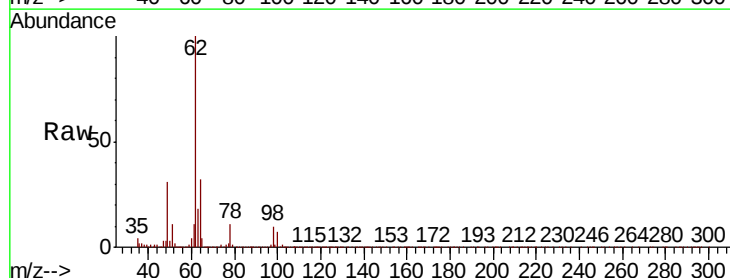
Manual Integrations
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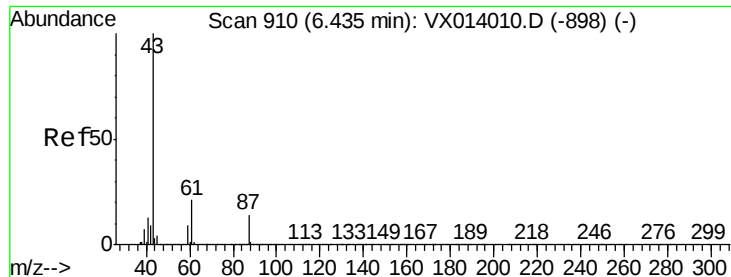
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#42
1,2-Dichloroethane
Concen: 49.256 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		362562		
98	10.1	0.0	21.0		





#43

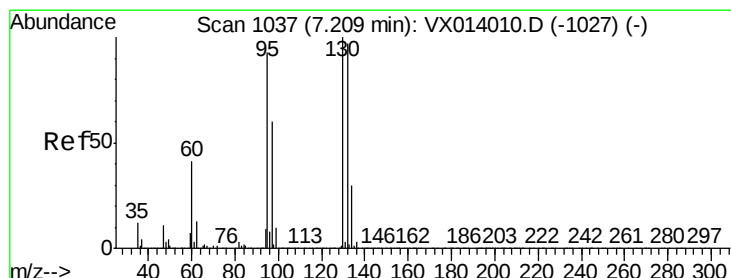
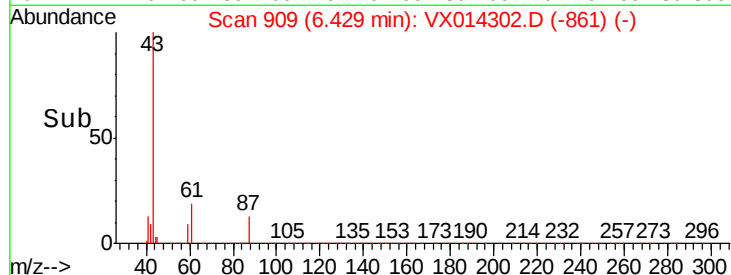
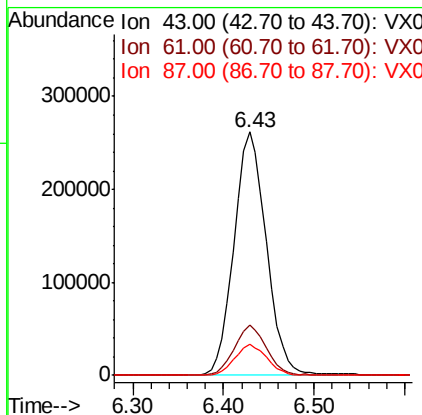
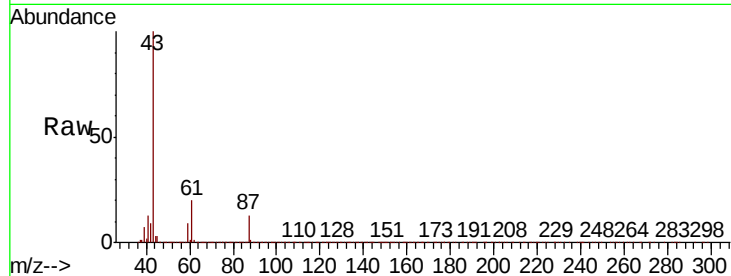
Isopropyl Acetate
 Concen: 50.090 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	43	Resp:	646037
Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.4	24.6
87	12.6	10.7	16.1

Manual Integrations
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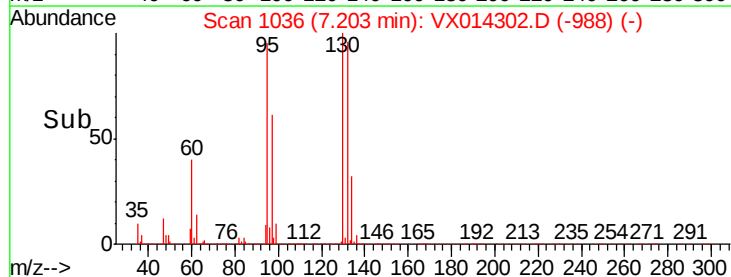
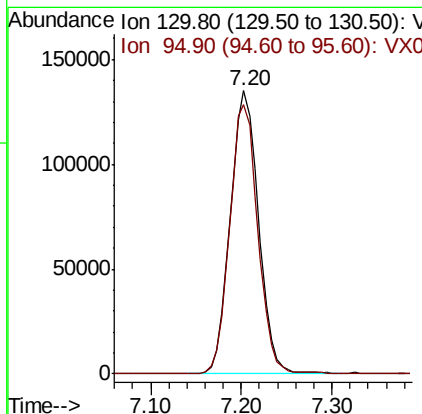
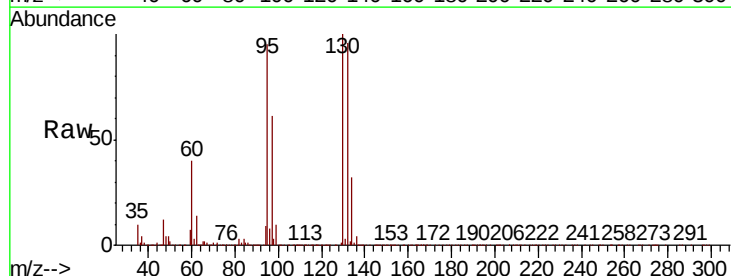
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#44

Trichloroethene
 Concen: 48.676 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Tgt Ion:	130	Resp:	291949
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	185.6





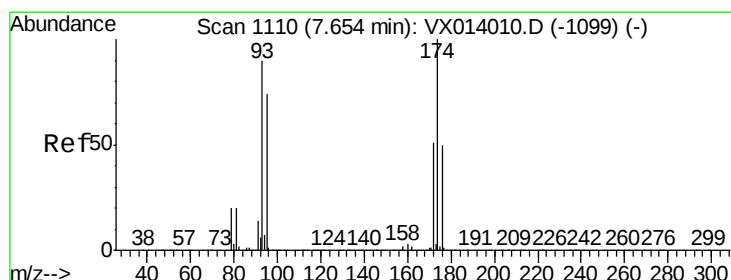
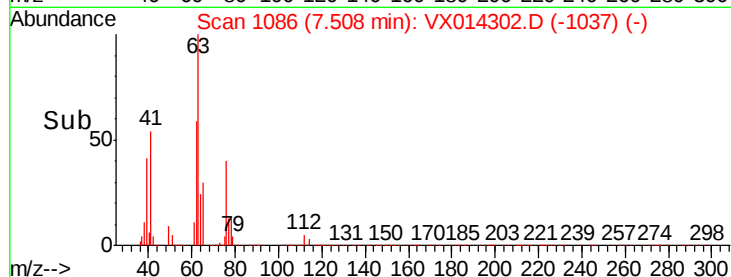
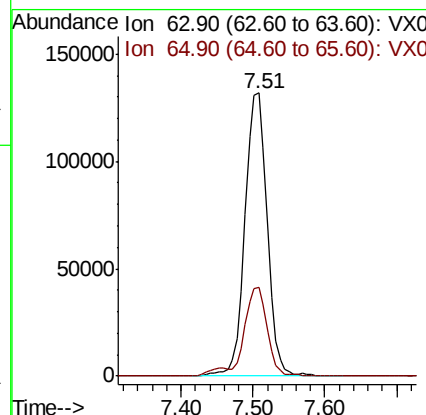
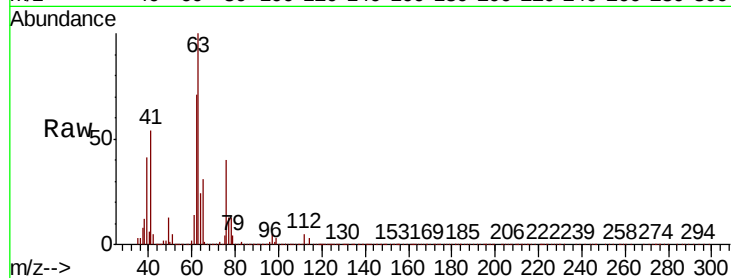
#45
 1,2-Dichloropropane
 Concen: 50.770 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.8	38.8

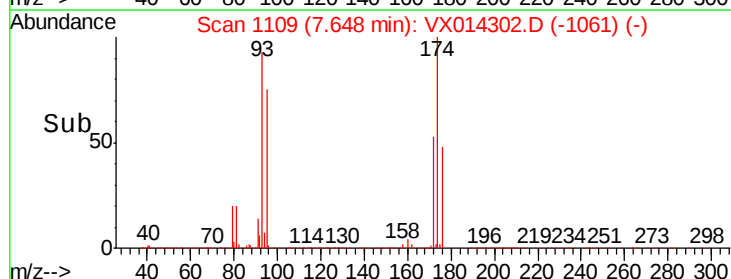
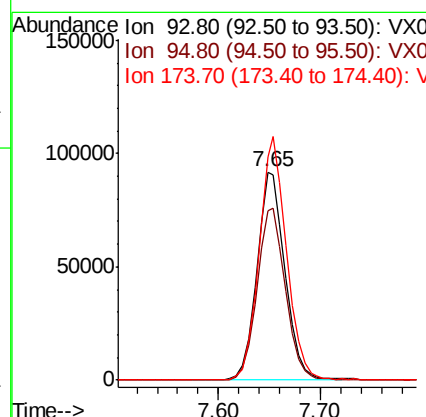
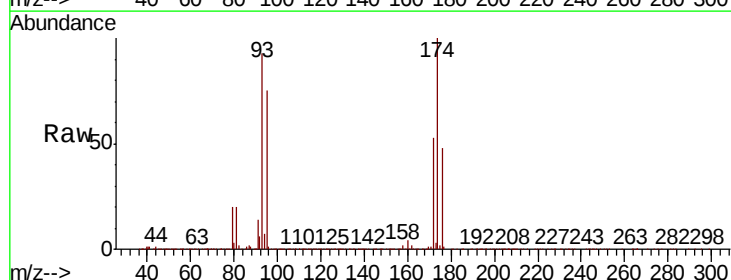
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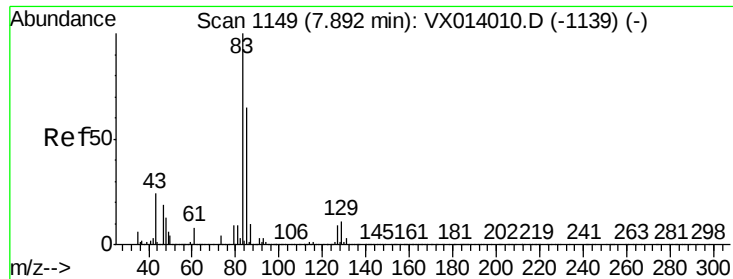
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#46
 Dibromomethane
 Concen: 47.835 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	67.3	100.9
174	114.1	91.6	137.4





#47

Bromodichloromethane

Concen: 51.478 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

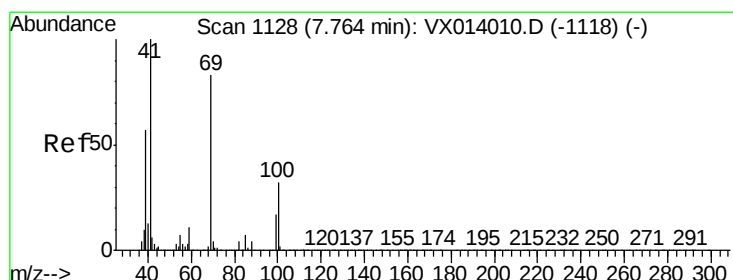
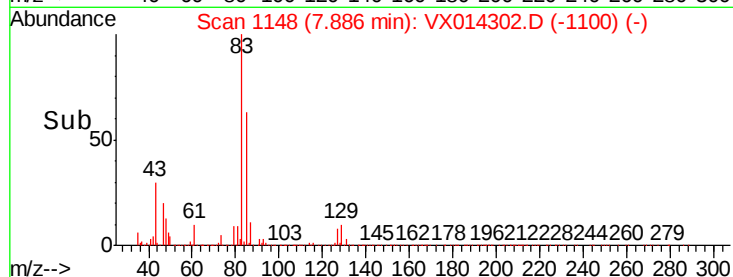
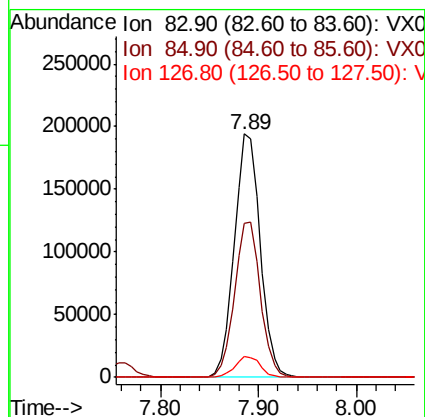
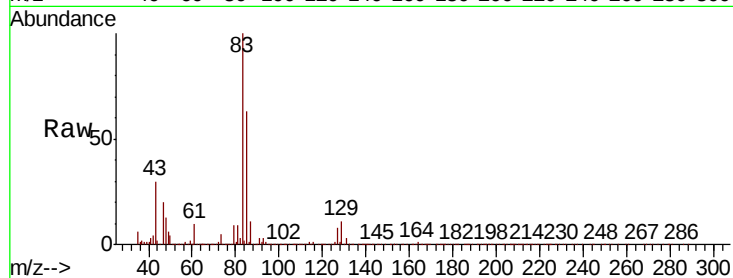
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	356751
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.8	77.8
127	8.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 50.433 ug/l

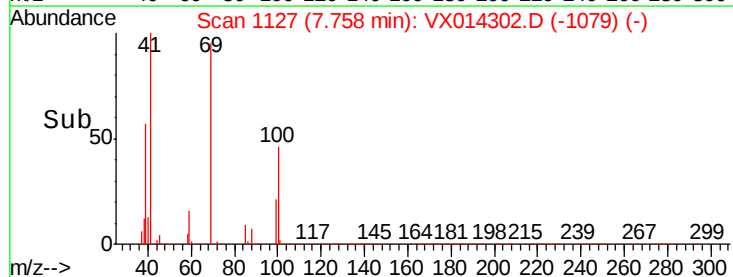
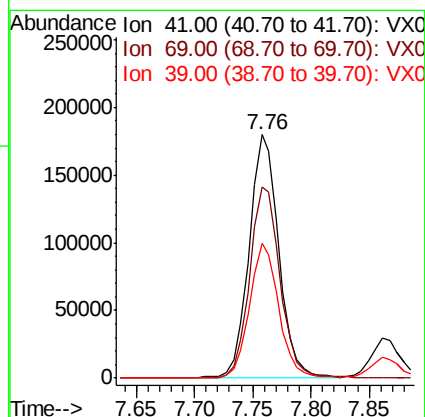
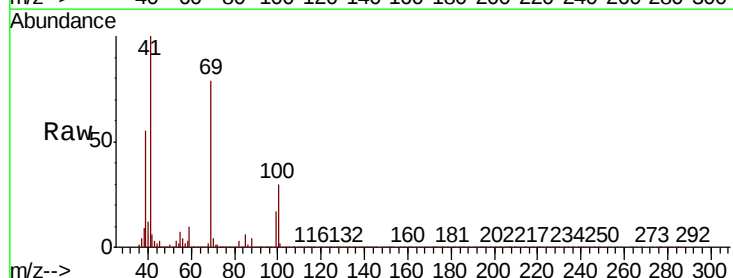
RT: 7.76 min Scan# 1127

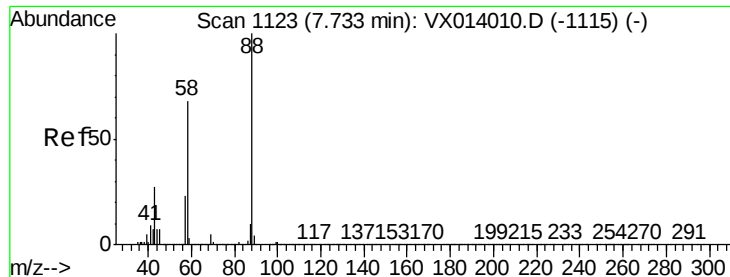
Delta R.T. -0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Tgt Ion:	41	Resp:	318511
Ion Ratio	Lower	Upper	
41	100		
69	80.6	65.8	98.6
39	54.1	44.6	67.0





#49

1,4-Dioxane

Concen: 884.184 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

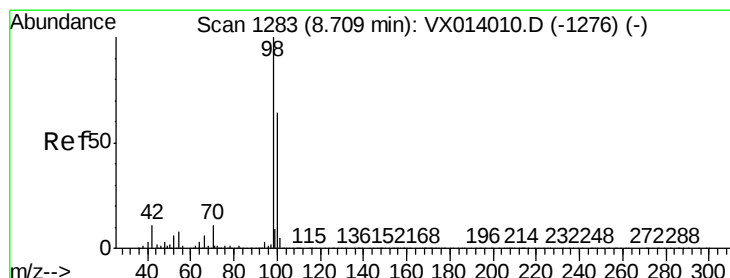
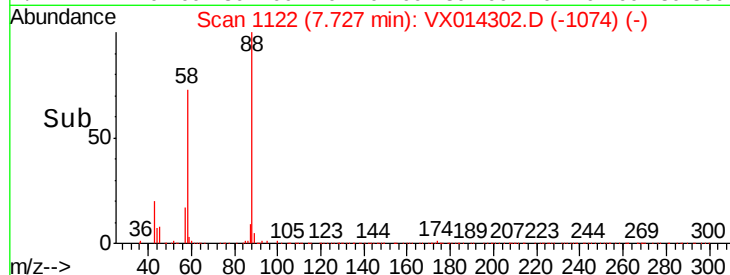
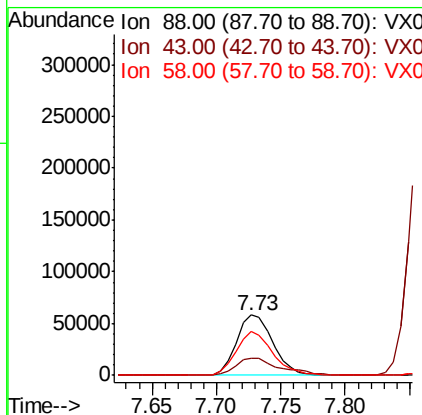
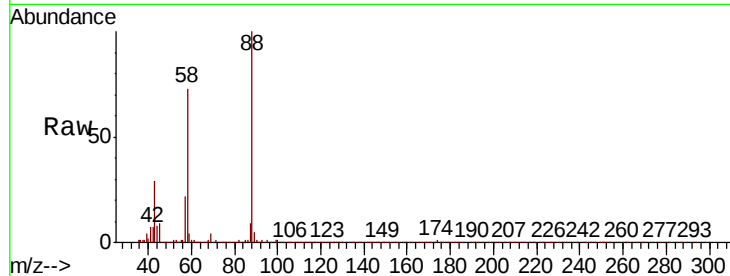
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	113638
Ion Ratio	Lower	Upper	
88	100		
43	34.3	26.5	39.7
58	73.1	56.8	85.2

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#50

Toluene-d8

Concen: 49.953 ug/l

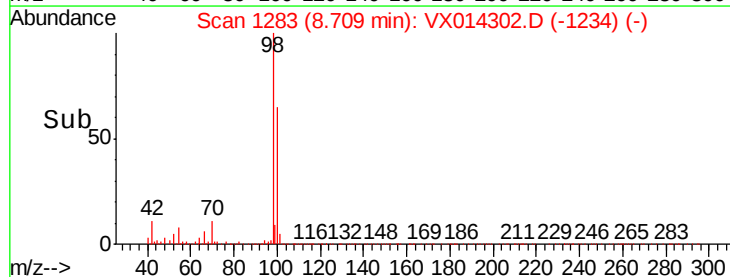
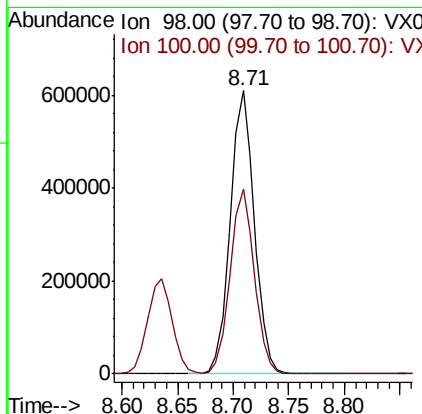
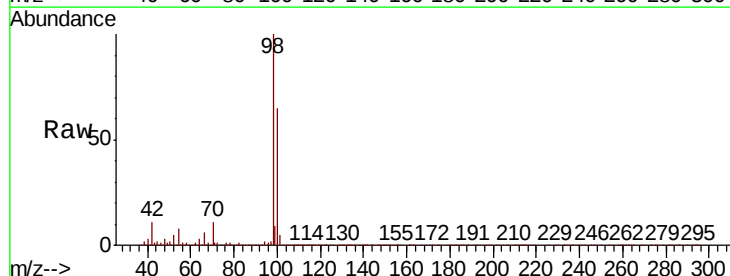
RT: 8.71 min Scan# 1283

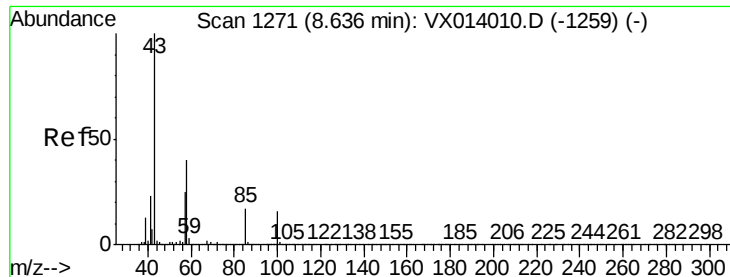
Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Tgt Ion:	98	Resp:	909303
Ion Ratio	Lower	Upper	
98	100		
100	65.7	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 247.374 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2003693

Ion Ratio Lower Upper

43 100

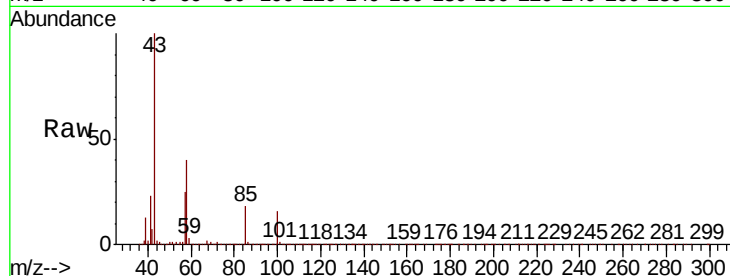
58 39.5 32.2 48.2

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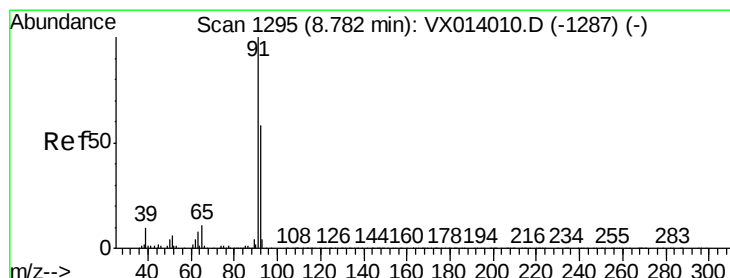
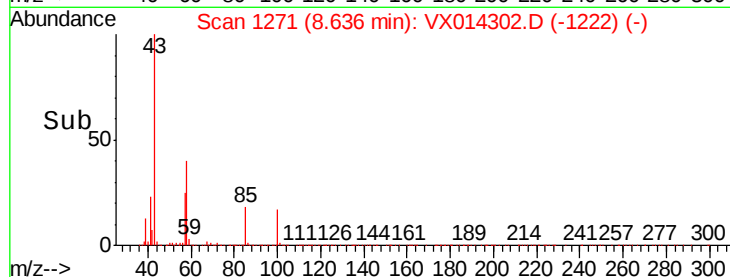
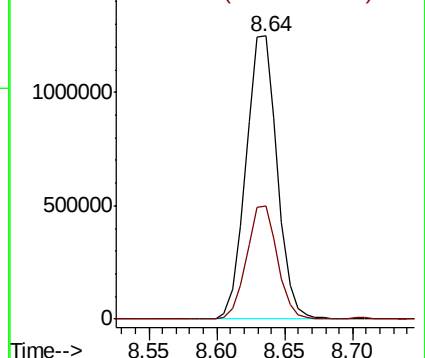
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.479 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014302.D

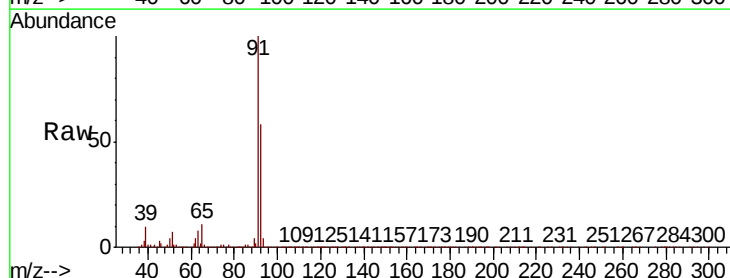
Acq: 27 Dec 2019 12:03

Tgt Ion: 92 Resp: 665377

Ion Ratio Lower Upper

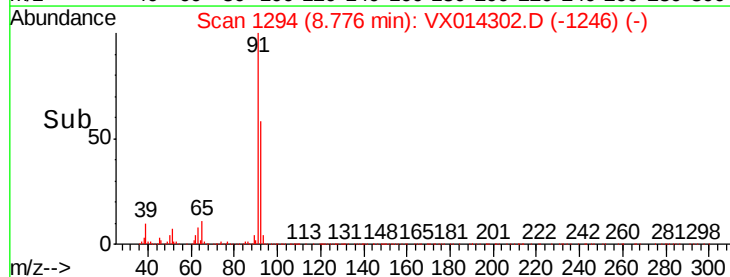
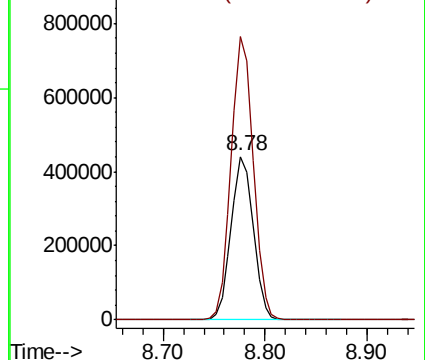
92 100

91 173.0 136.2 204.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





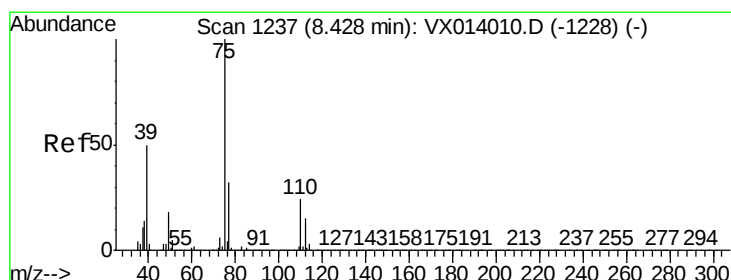
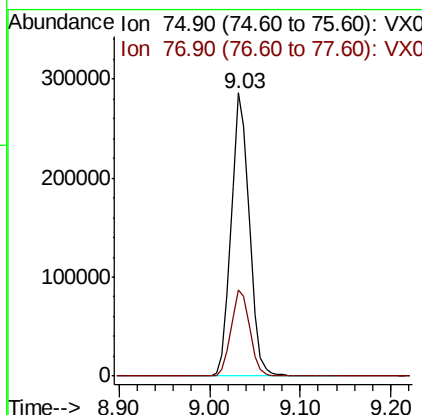
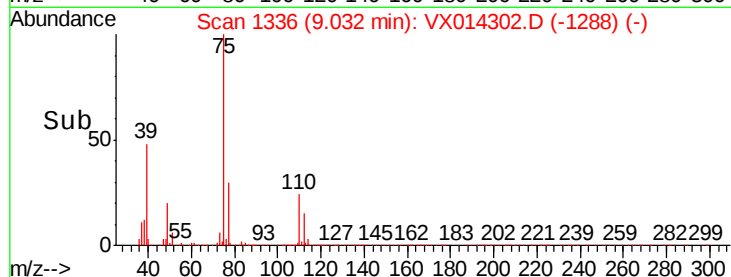
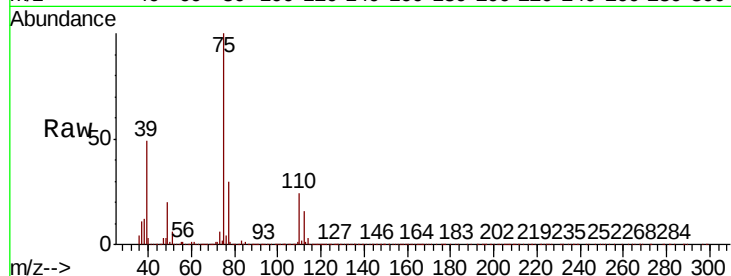
#53
t-1,3-Dichloropropene
Concen: 52.175 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.1	37.7

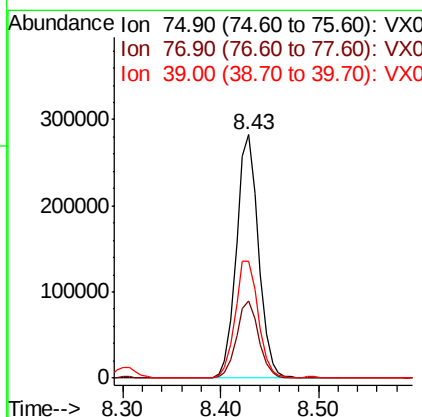
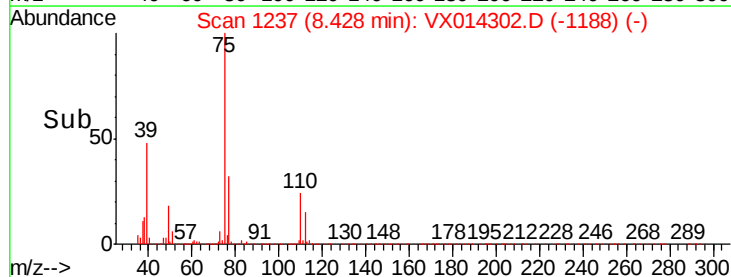
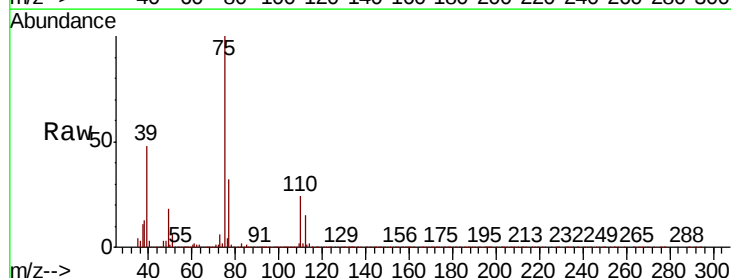
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#54
cis-1,3-Dichloropropene
Concen: 52.242 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9
39	48.1	39.9	59.9





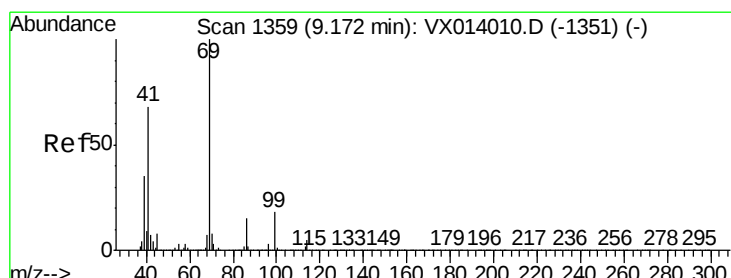
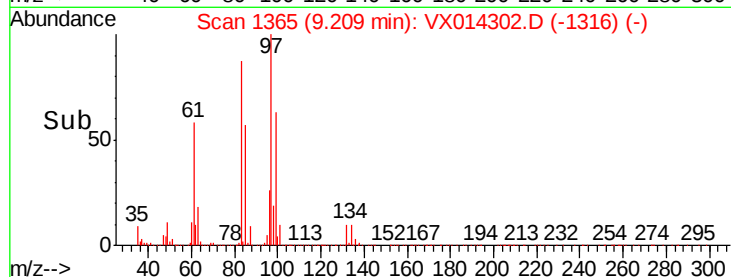
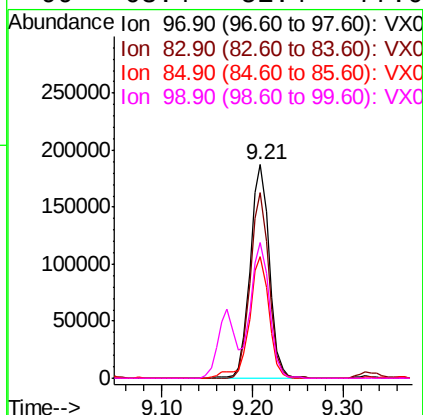
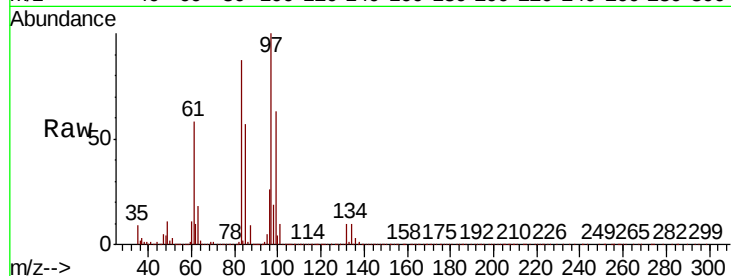
#55
 1,1,2-Trichloroethane
 Concen: 49.733 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.2	102.4
85	57.1	44.6	66.8
99	63.4	51.4	77.0

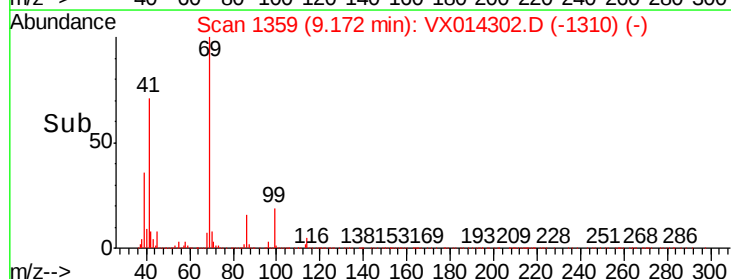
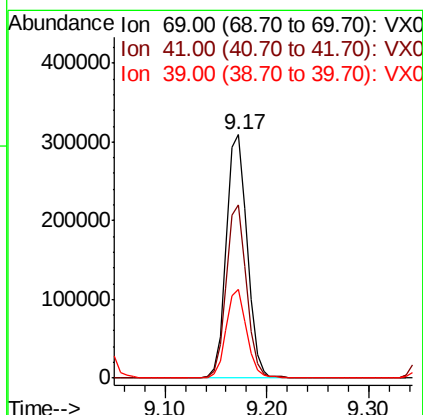
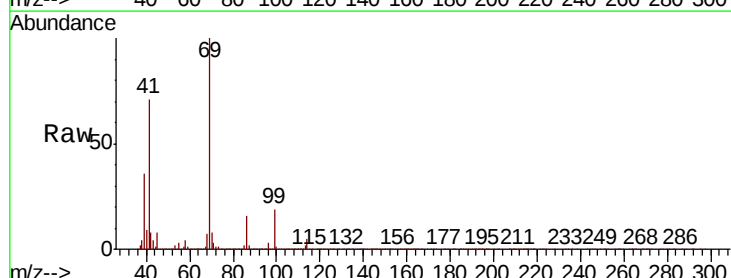
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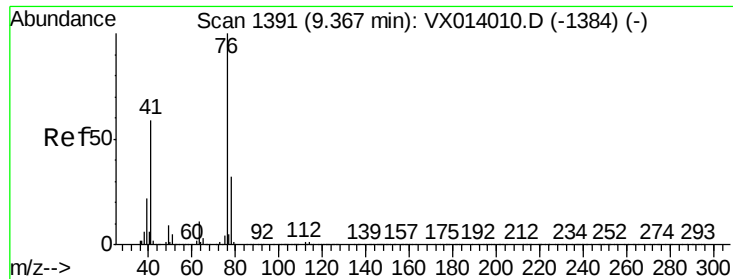
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#56
 Ethyl methacrylate
 Concen: 50.528 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.9	54.8	82.2
39	35.4	28.3	42.5





#57

1,3-Dichloropropane

Concen: 49.919 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 462008

Ion Ratio Lower Upper

76 100

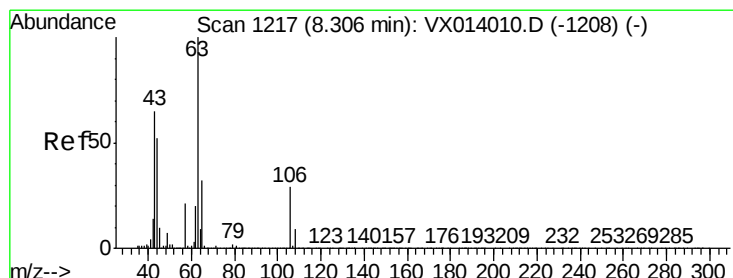
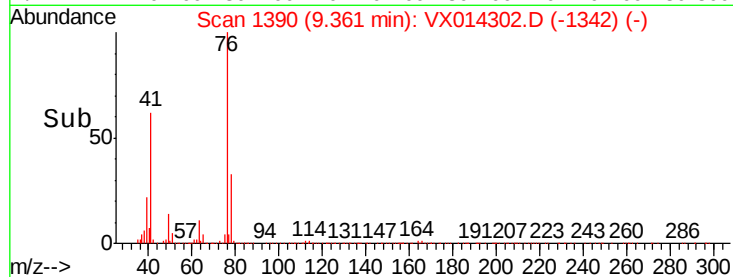
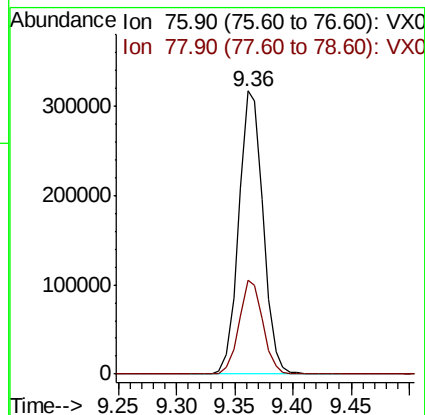
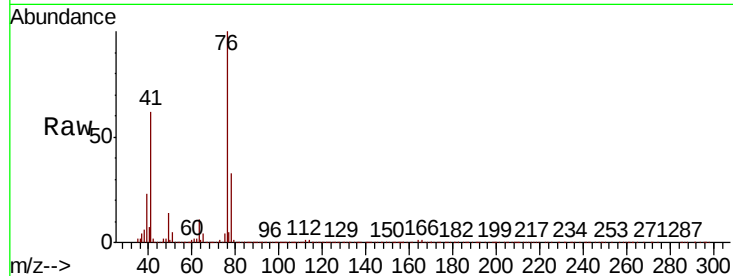
78 32.2 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 274.920 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014302.D

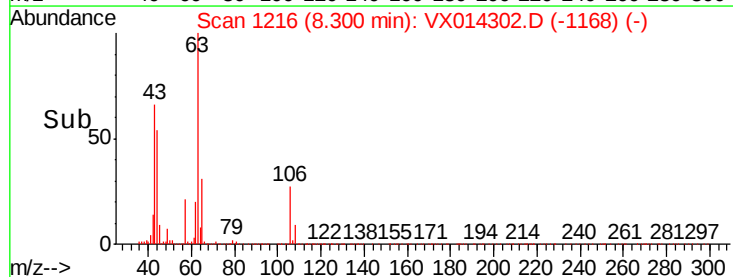
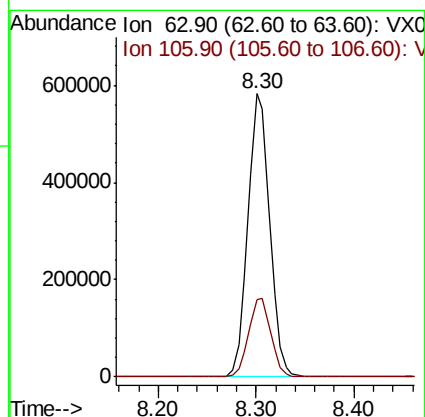
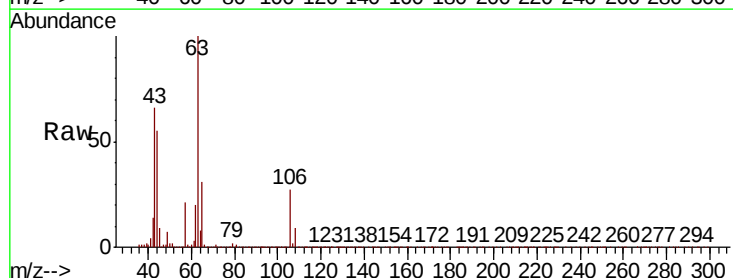
Acq: 27 Dec 2019 12:03

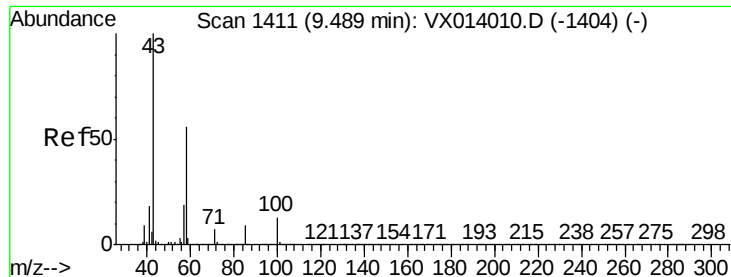
Tgt Ion: 63 Resp: 899003

Ion Ratio Lower Upper

63 100

106 28.4 23.0 34.6





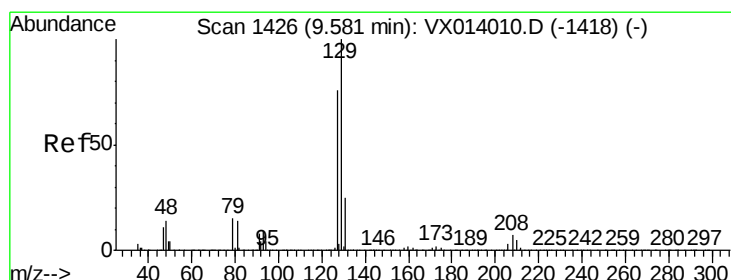
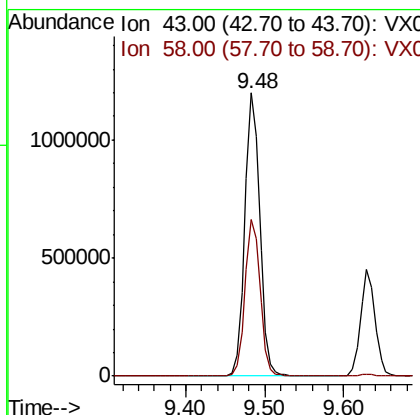
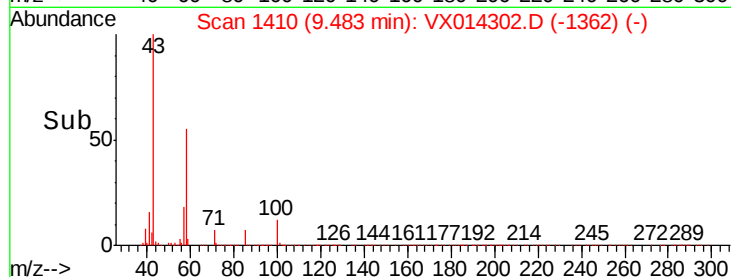
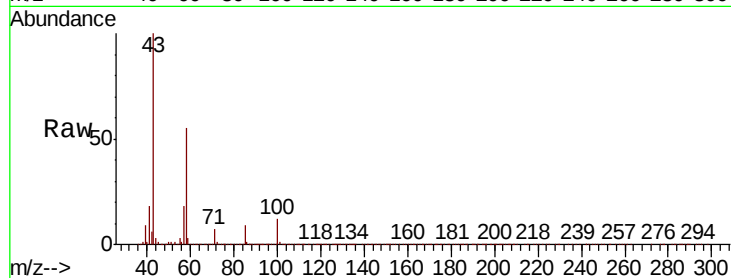
#59
2-Hexanone
Concen: 243.392 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1587018
Ion Ratio Lower Upper
43 100
58 55.9 28.0 84.0

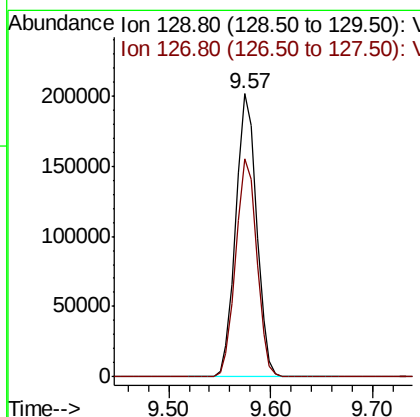
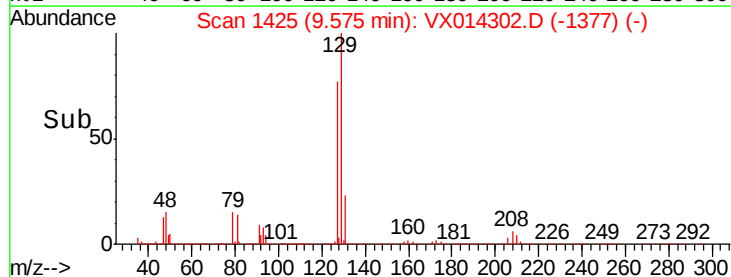
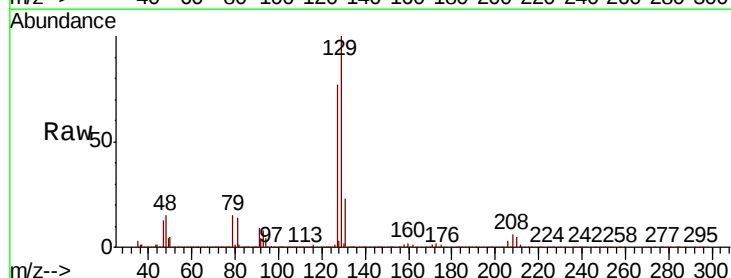
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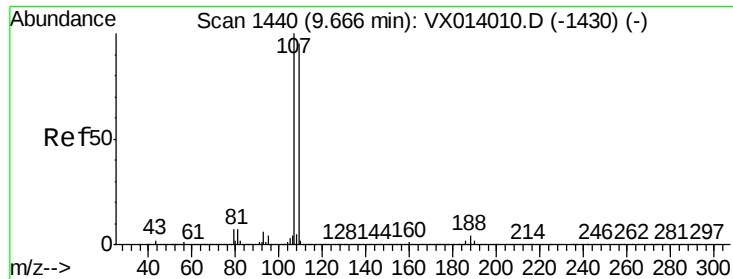
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#60
Dibromochloromethane
Concen: 51.776 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion: 129 Resp: 283107
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.124 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 282109

Ion Ratio Lower Upper

107 100

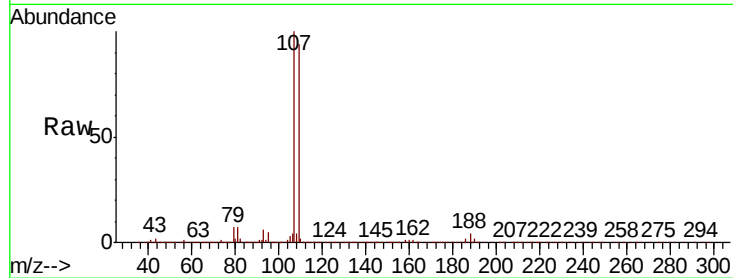
109 93.9 75.7 113.5

Manual Integrations

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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

200000

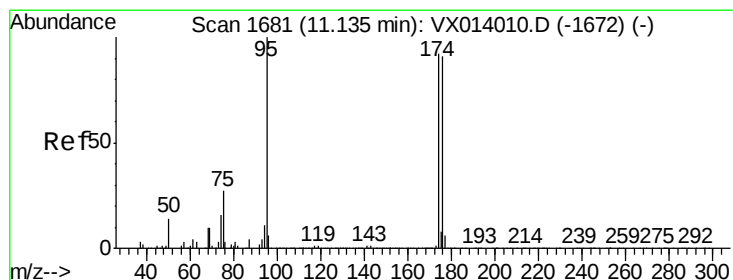
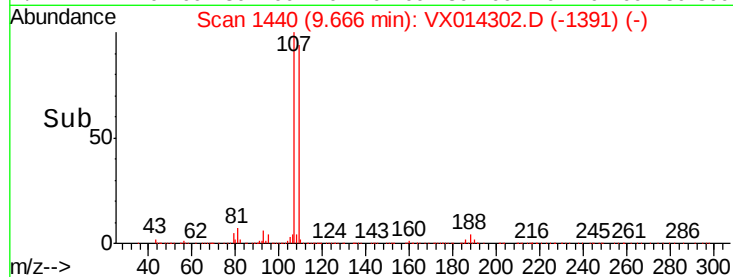
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.107 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

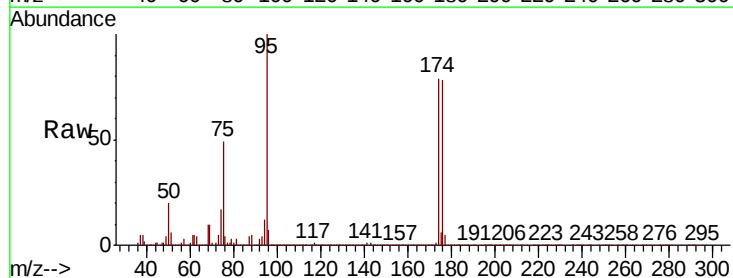
Tgt Ion: 95 Resp: 326756

Ion Ratio Lower Upper

95 100

174 87.8 0.0 175.8

176 85.4 0.0 173.0



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

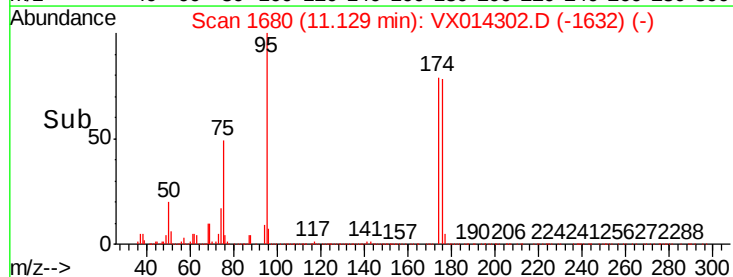
300000

200000

100000

0

Time-->





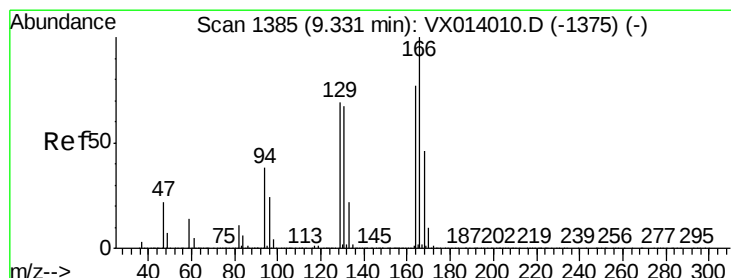
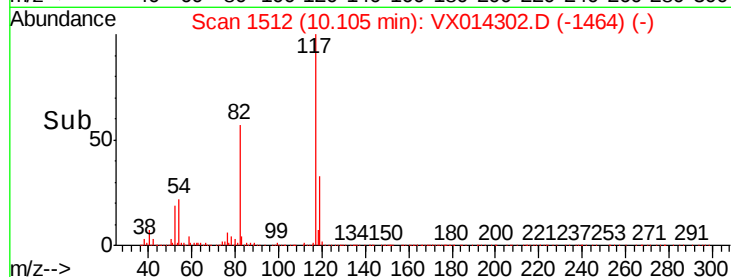
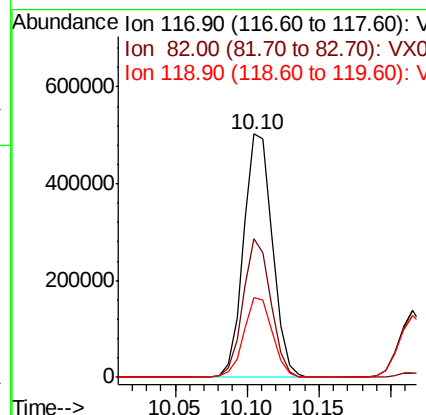
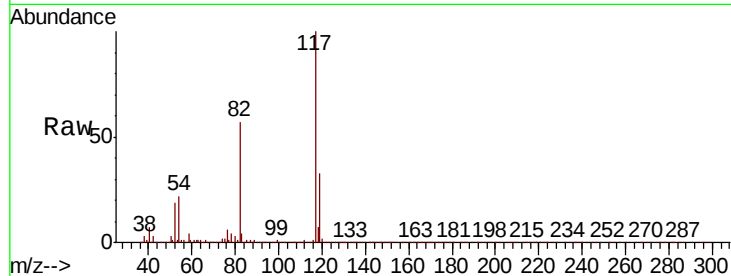
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	696368		
82	56.9	42.2	63.4	
119	32.8	25.1	37.7	

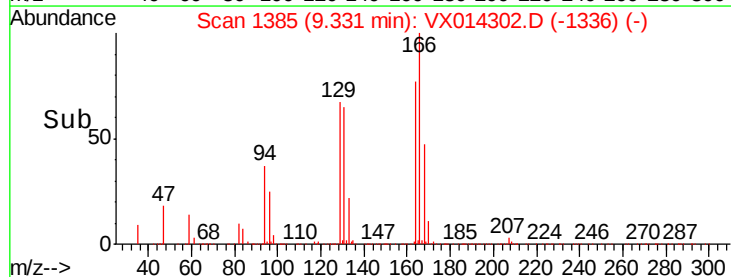
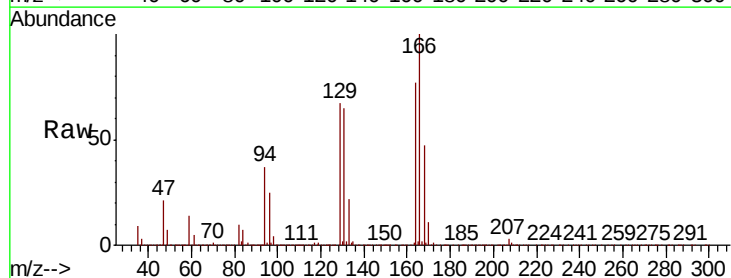
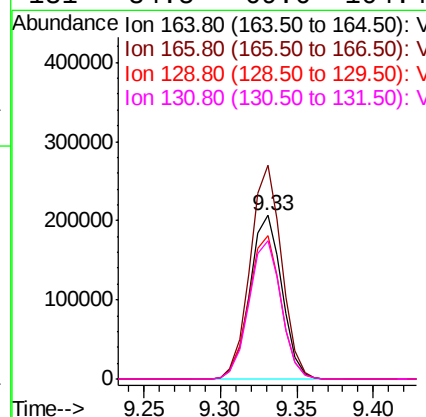
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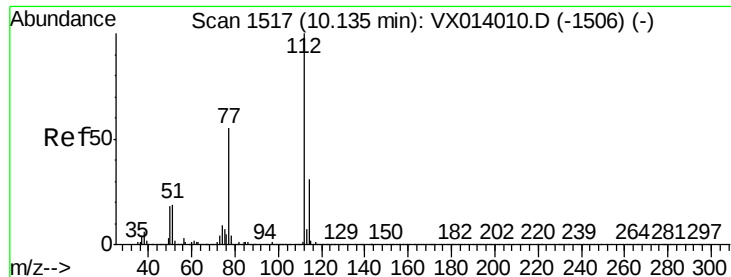
apatel
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#64
Tetrachloroethene
Concen: 48.932 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	301519		
166	130.6	104.0	156.0	
129	87.8	72.2	108.4	
131	84.5	69.6	104.4	





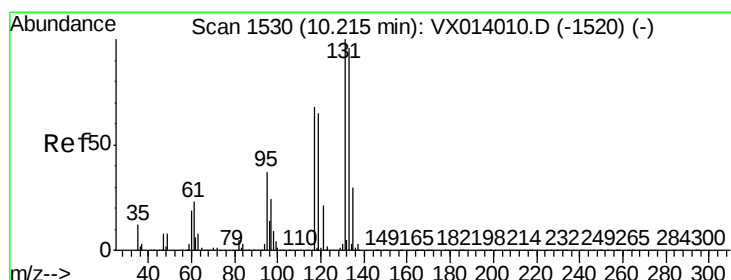
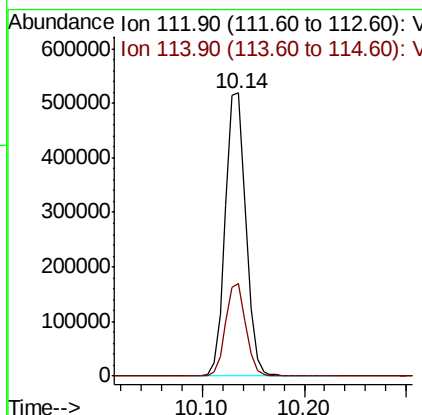
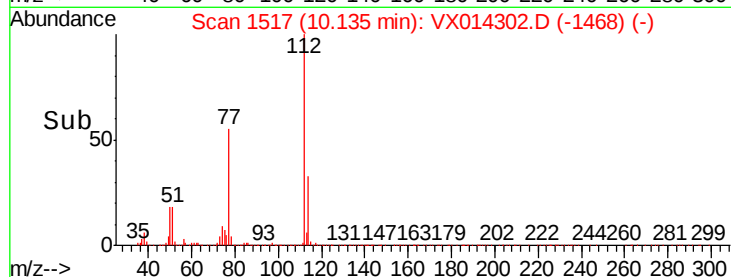
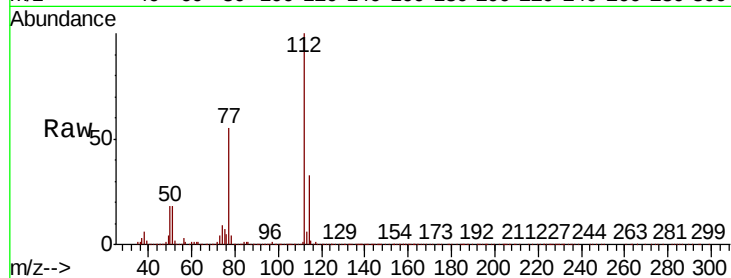
#65
Chlorobenzene
Concen: 48.861 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	24.9	37.3

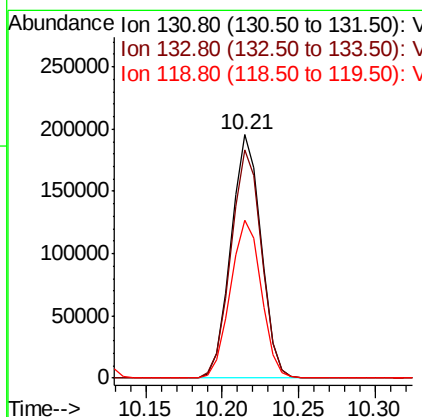
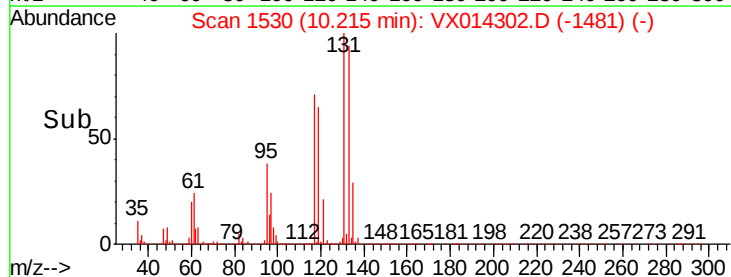
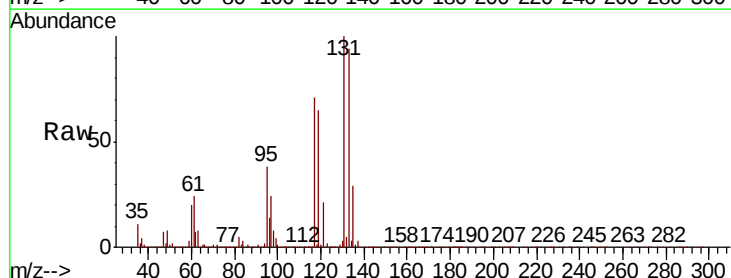
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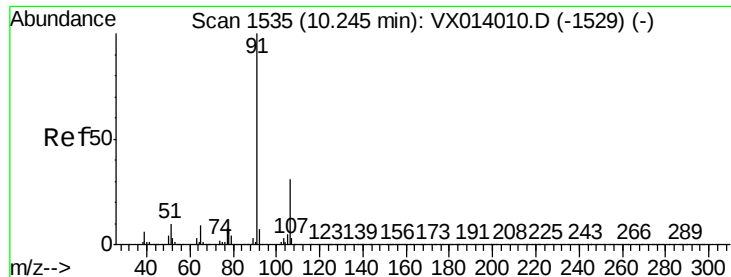
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.446 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	48.0	144.0
119	66.3	33.4	100.2





#67

Ethyl Benzene

Concen: 50.318 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1280881

Ion Ratio Lower Upper

91 100

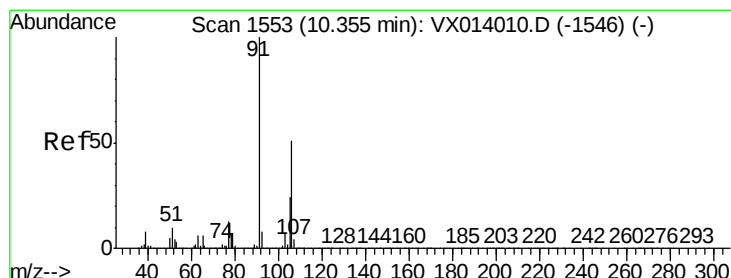
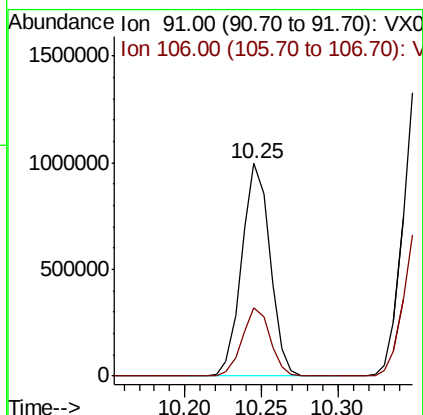
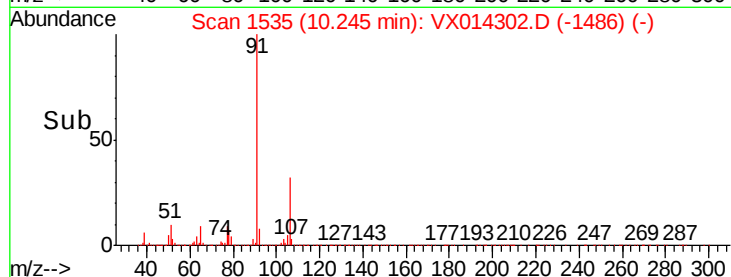
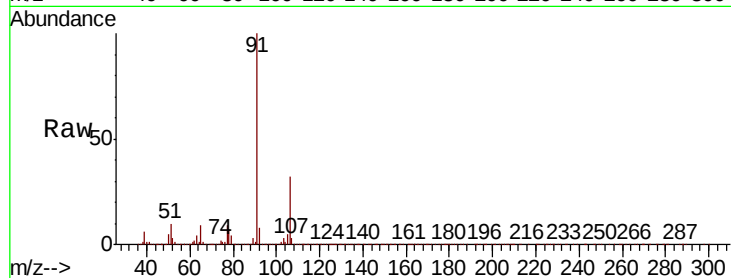
106 32.2 25.0 37.6

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#68

m/p-Xylenes

Concen: 100.741 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014302.D

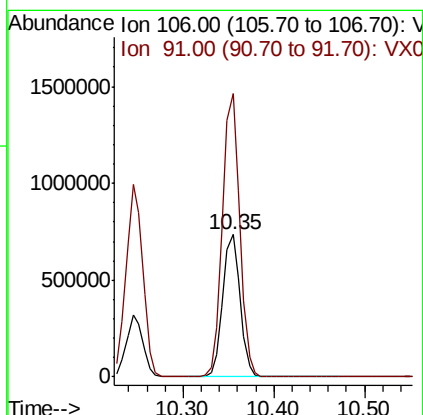
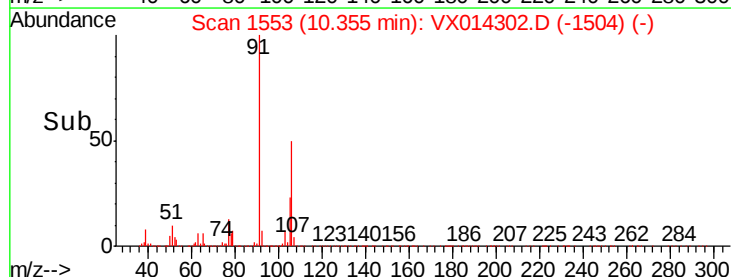
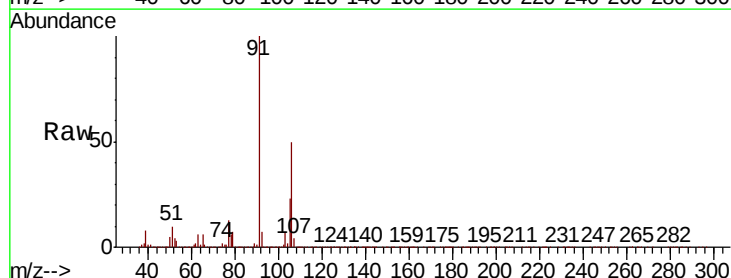
Acq: 27 Dec 2019 12:03

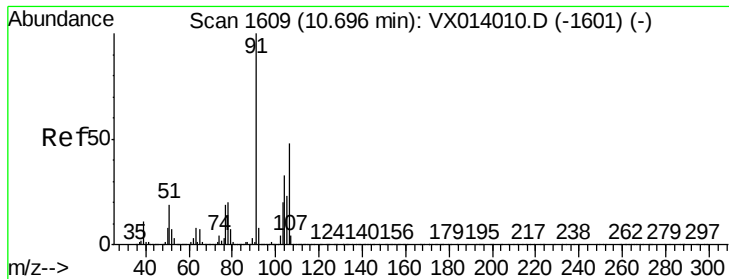
Tgt Ion: 106 Resp: 986317

Ion Ratio Lower Upper

106 100

91 197.6 158.6 238.0





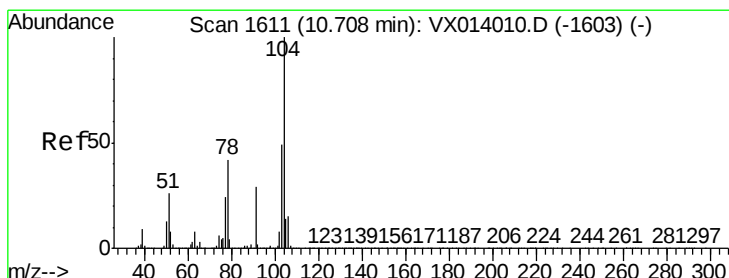
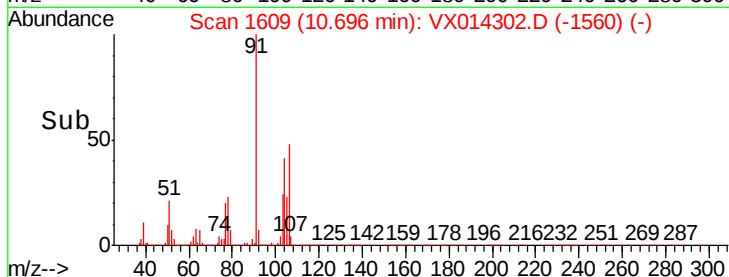
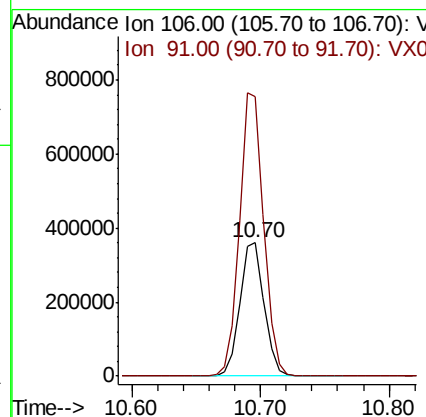
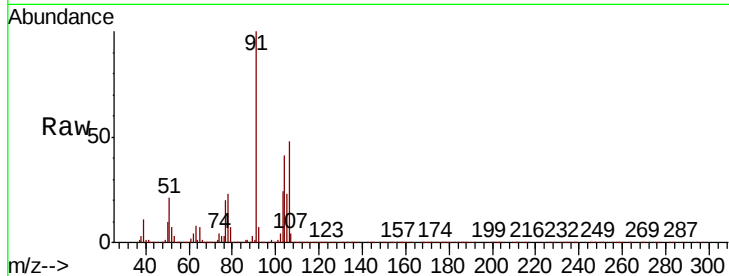
#69
o-Xylene
Concen: 49.004 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.9	104.2	312.6

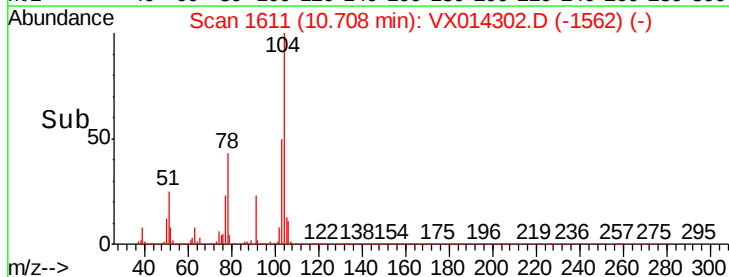
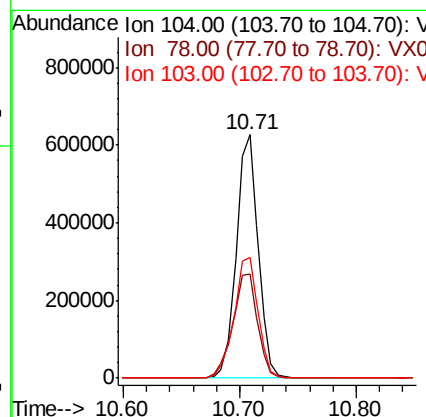
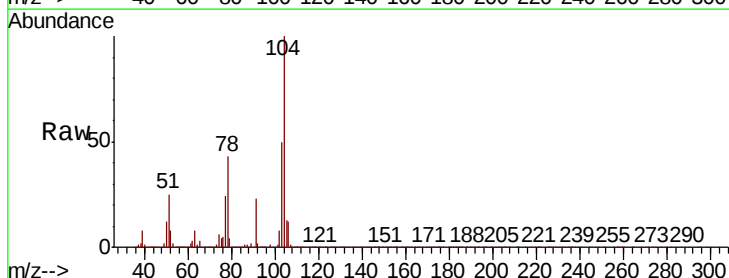
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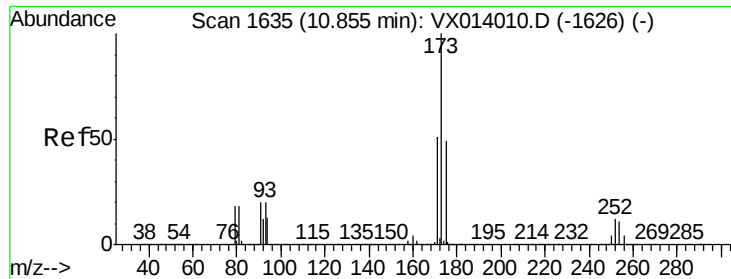
apatel
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#70
Styrene
Concen: 50.245 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.5	57.7
103	54.6	42.9	64.3





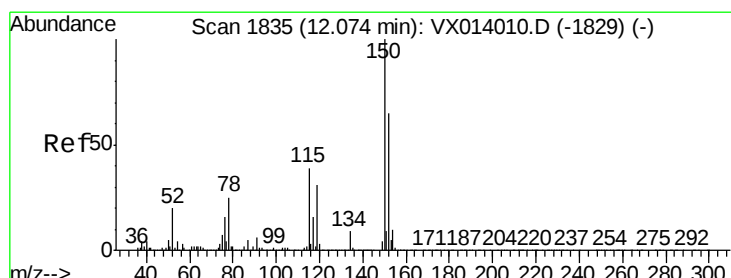
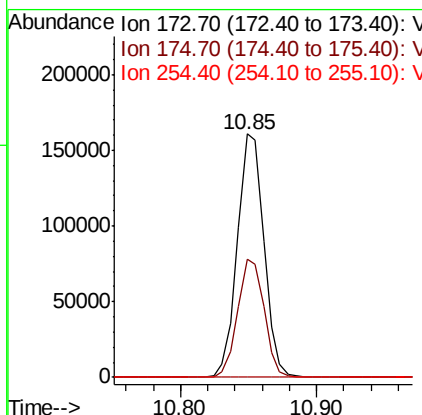
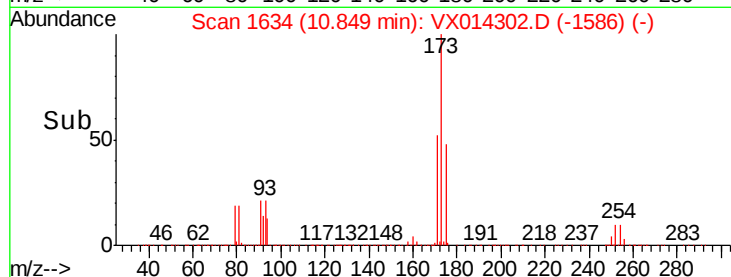
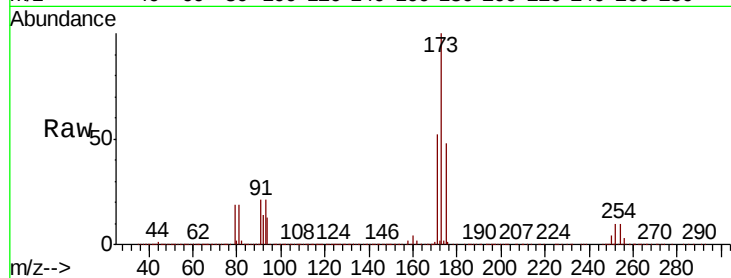
#71
Bromoform
Concen: 51.690 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.4	73.4
254	0.3	0.2	0.2#

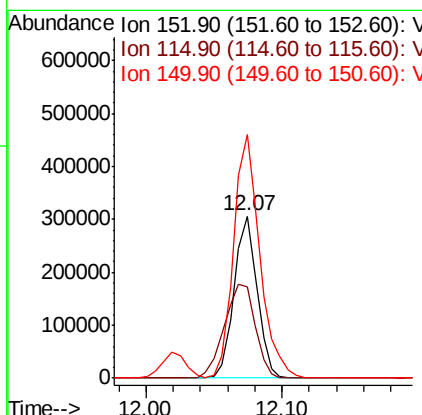
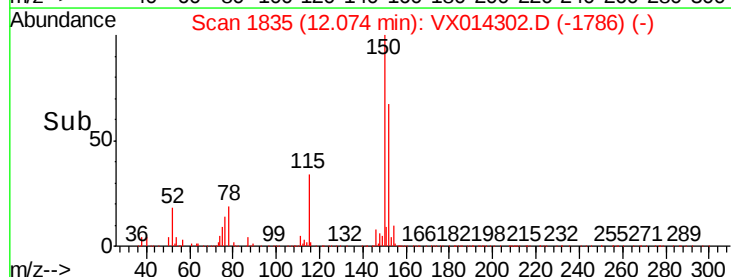
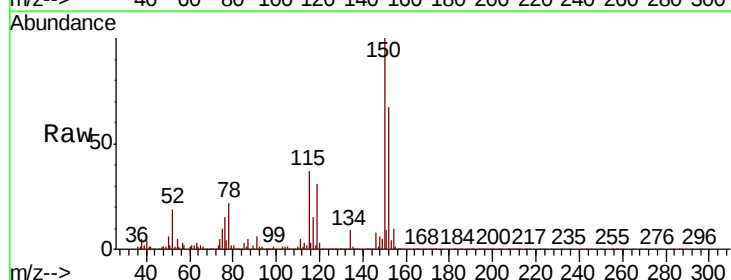
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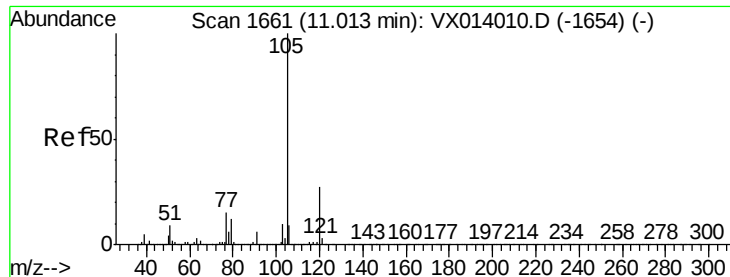
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.8	38.3	114.9
150	170.1	0.0	345.4





#73

Isopropylbenzene

Concen: 49.579 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1261263

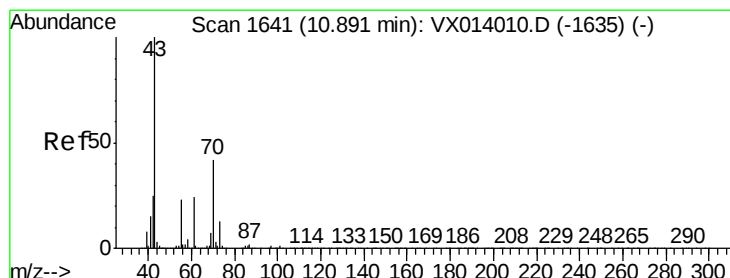
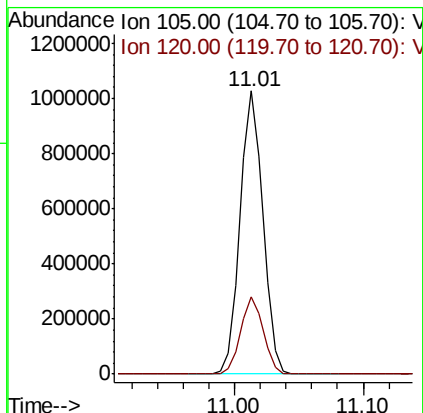
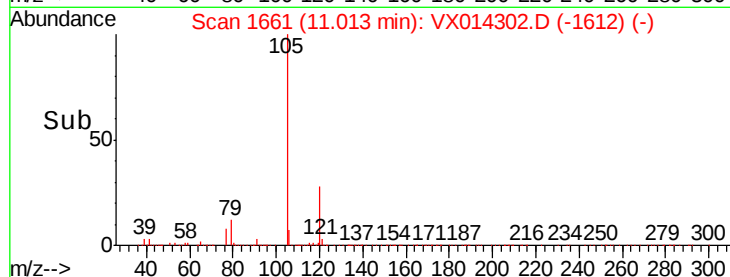
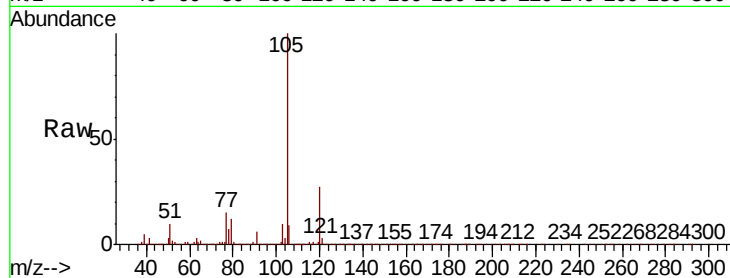
Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4

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#74

N-ethyl acetate

Concen: 48.460 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Tgt Ion: 43 Resp: 577863

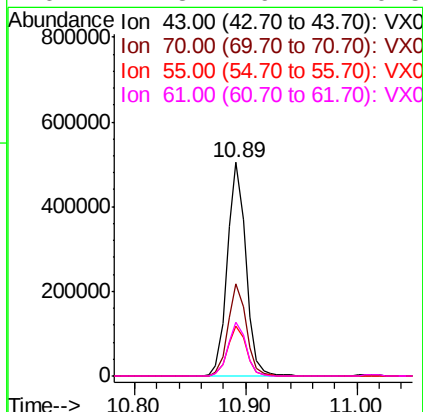
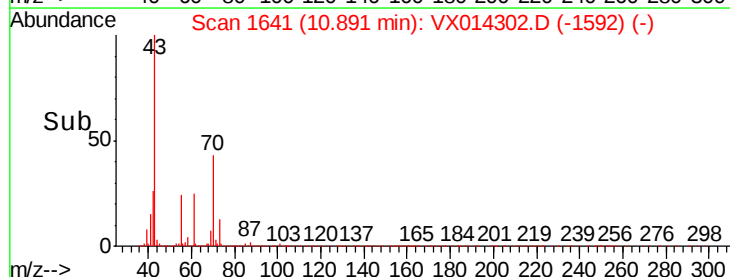
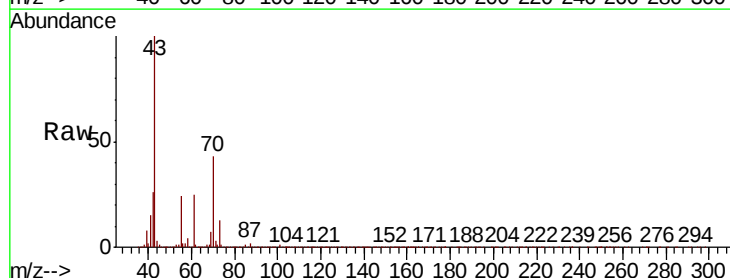
Ion Ratio Lower Upper

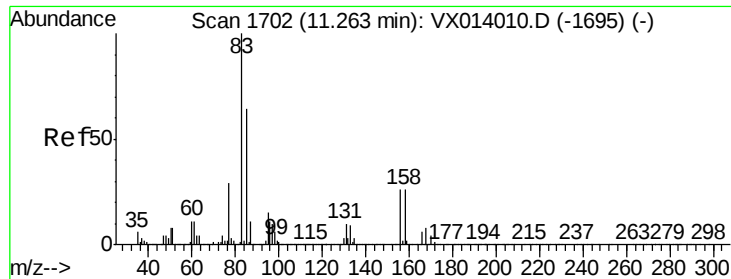
43 100

70 42.8 34.4 51.6

55 23.9 19.1 28.7

61 24.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.772 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 412518

Ion Ratio Lower Upper

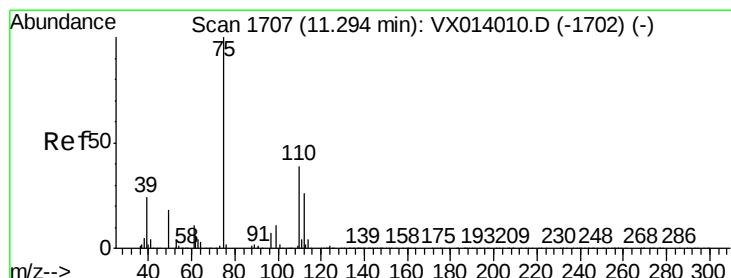
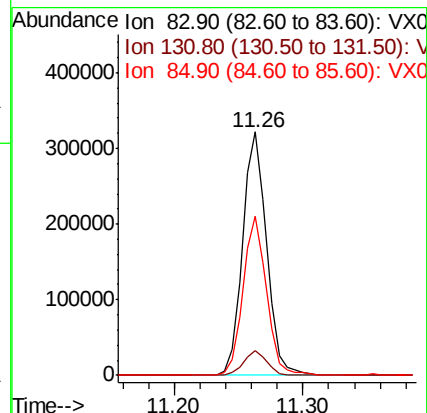
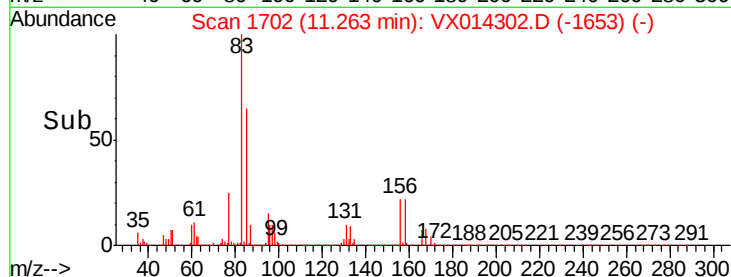
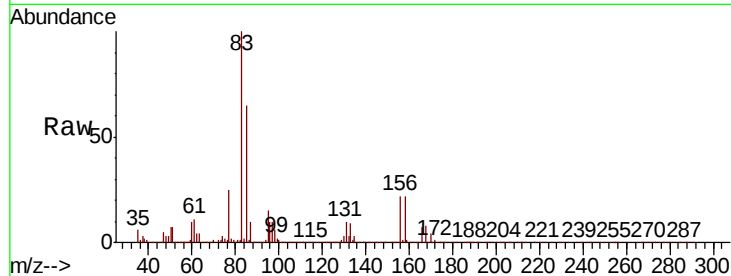
83 100

131 10.0 5.1 15.2

85 64.2 31.9 95.7

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#76

1,2,3-Trichloropropane

Concen: 43.218 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014302.D

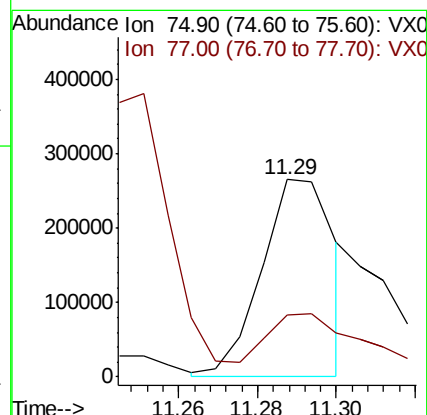
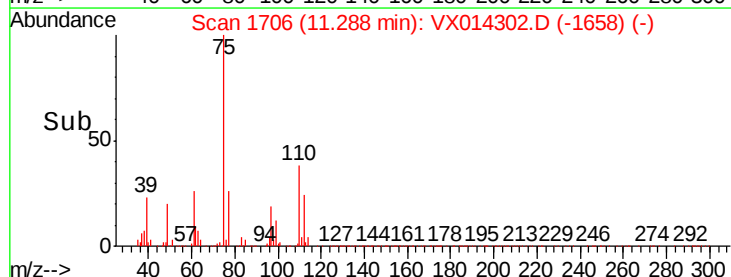
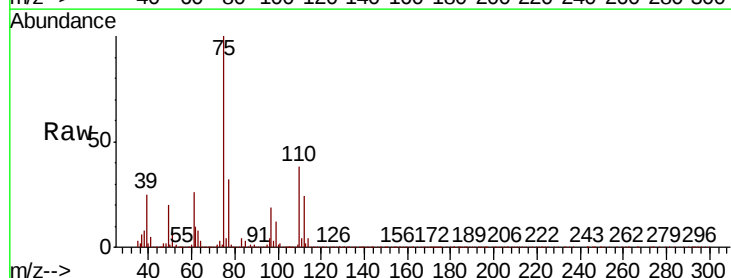
Acq: 27 Dec 2019 12:03

Tgt Ion: 75 Resp: 339009

Ion Ratio Lower Upper

75 100

77 43.7 19.3 57.8





#77

Bromobenzene

Concen: 46.028 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

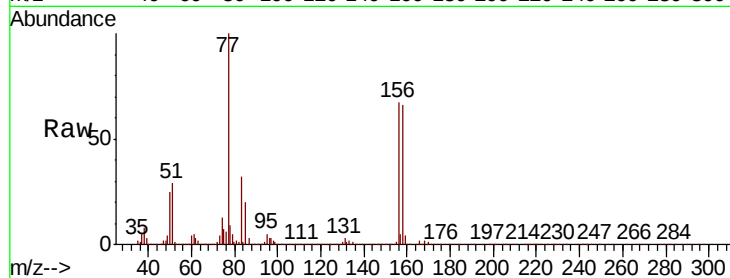
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	322167
Ion Ratio	Lower	Upper	
156	100		
77	156.4	76.5	229.5
158	97.6	49.3	147.9

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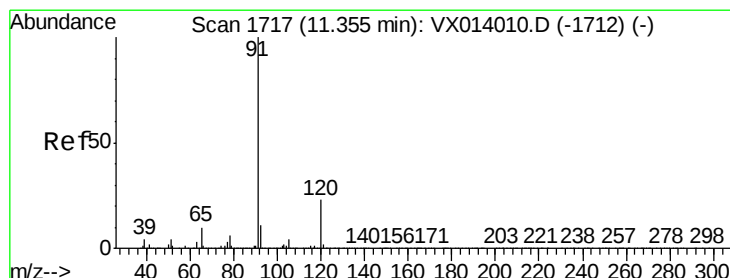
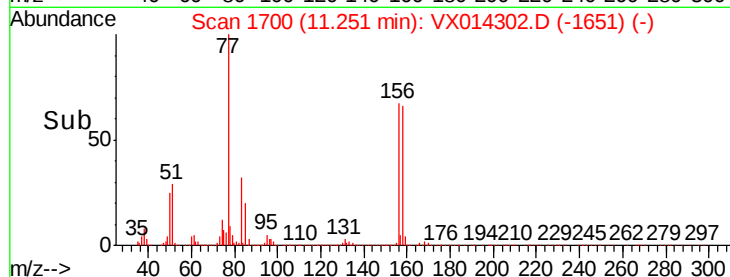
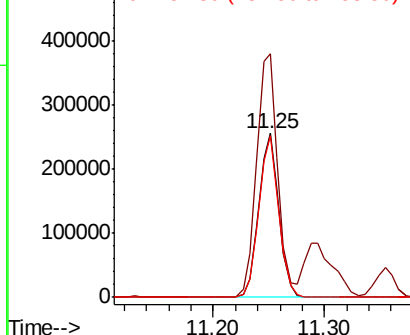


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.365 ug/l

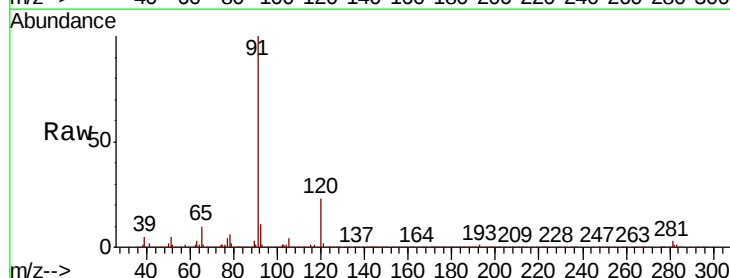
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

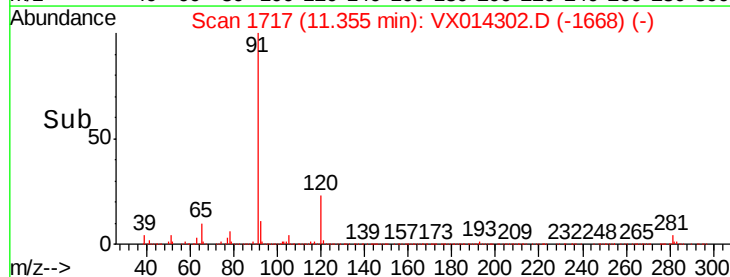
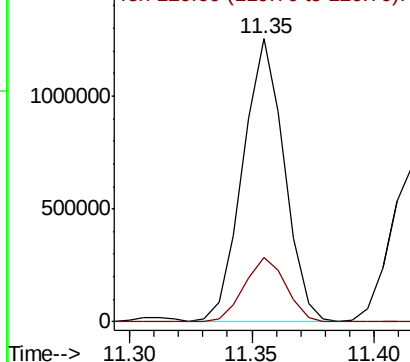
Tgt Ion:	91	Resp:	1465712
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.0

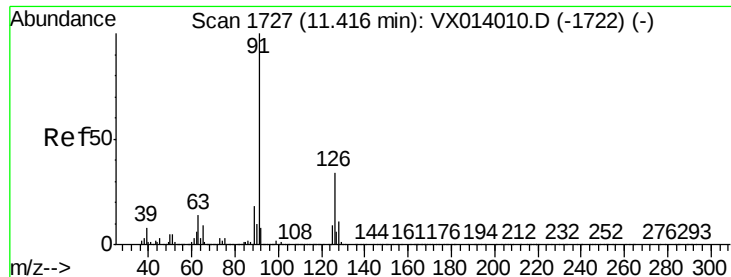


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





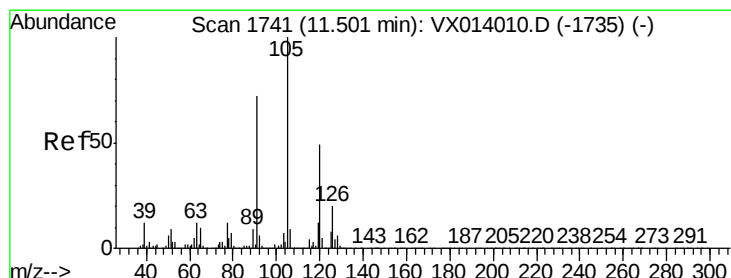
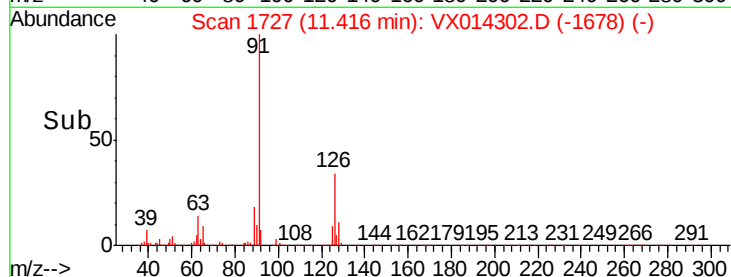
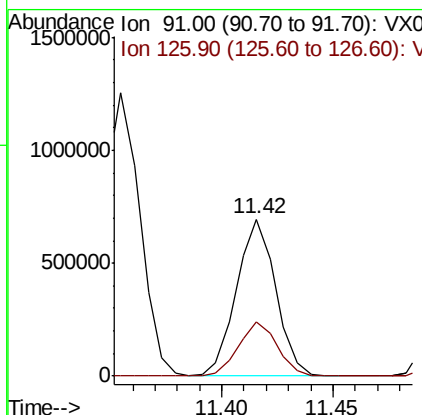
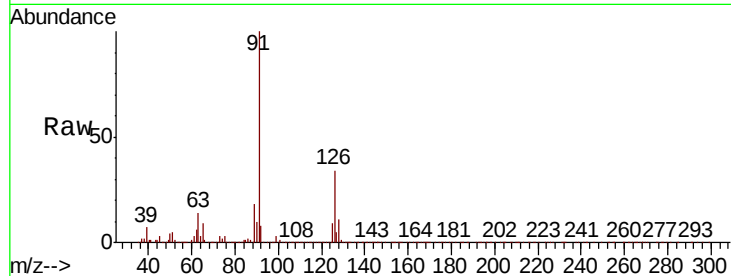
#79
2-Chlorotoluene
Concen: 48.954 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 849140
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6

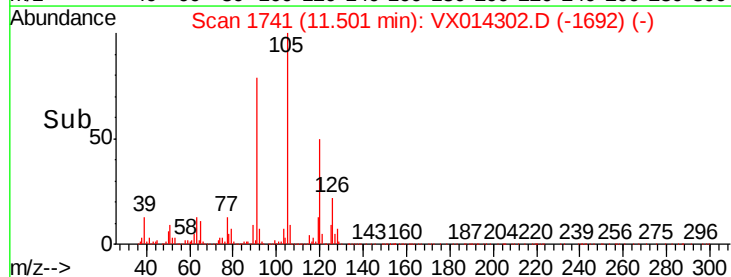
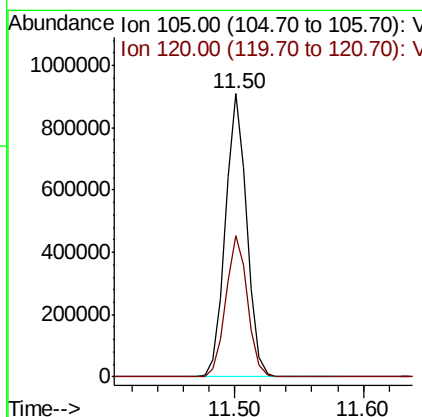
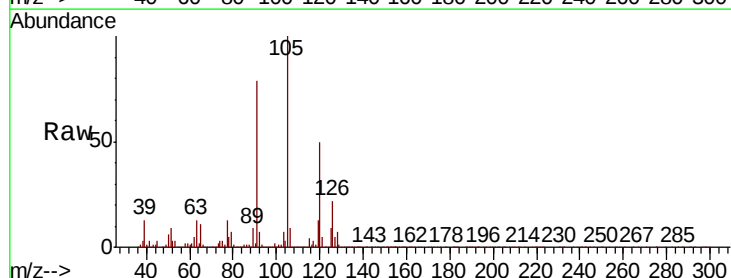
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#80
1,3,5-Trimethylbenzene
Concen: 49.539 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion: 105 Resp: 1060635
Ion Ratio Lower Upper
105 100
120 50.6 25.3 75.8





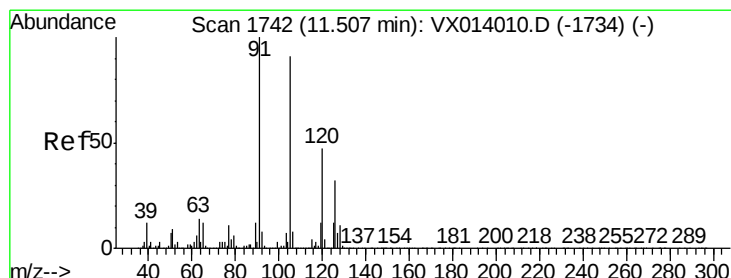
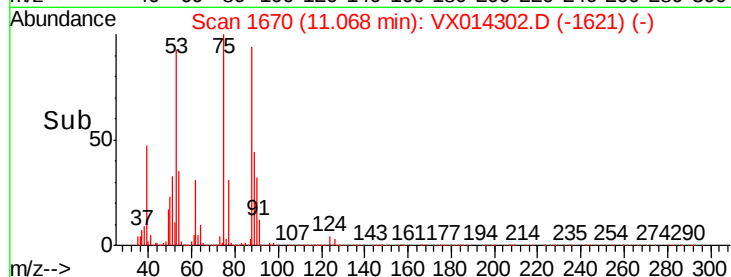
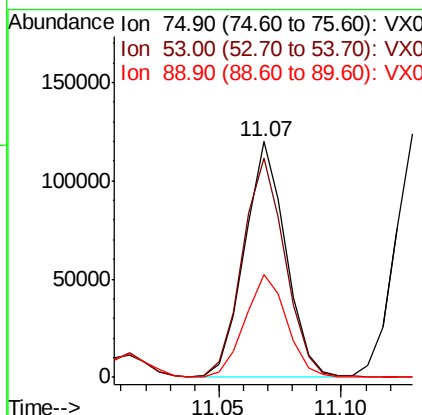
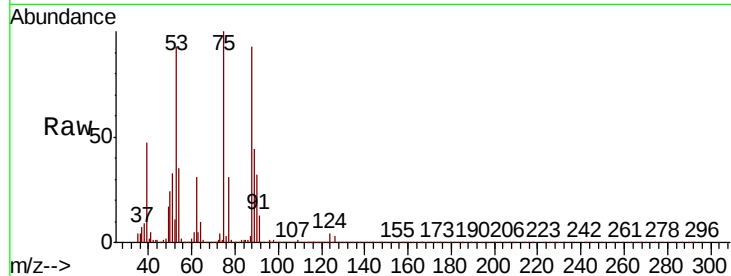
#81
trans-1,4-Dichloro-2-butene
Concen: 49.782 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.3	76.7	115.1
89	45.5	34.6	51.8

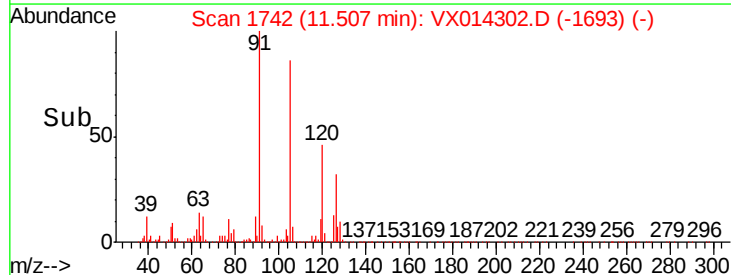
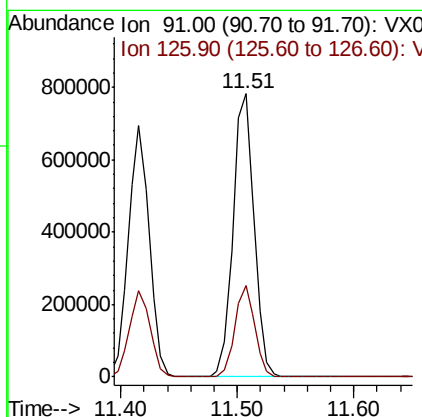
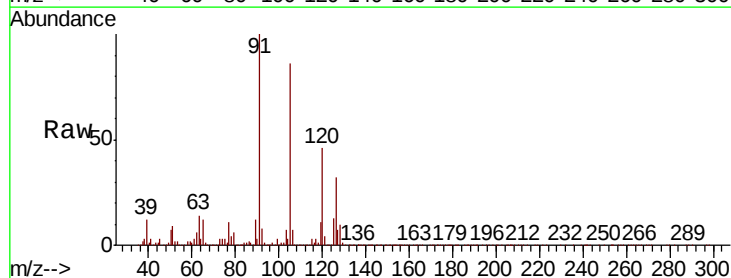
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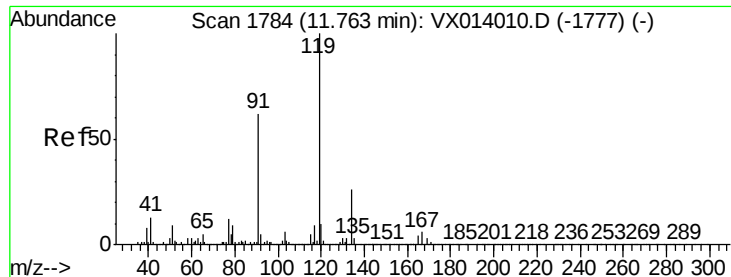
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#82
4-Chlorotoluene
Concen: 48.860 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.6	46.8





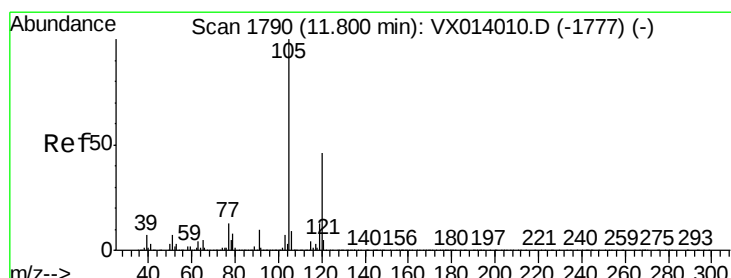
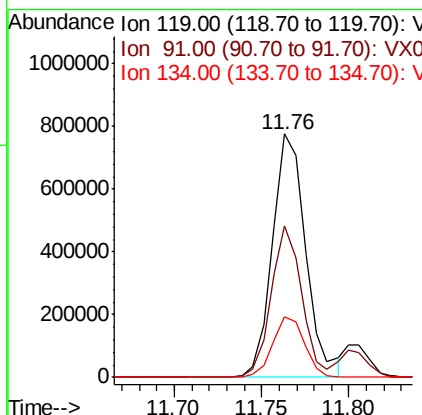
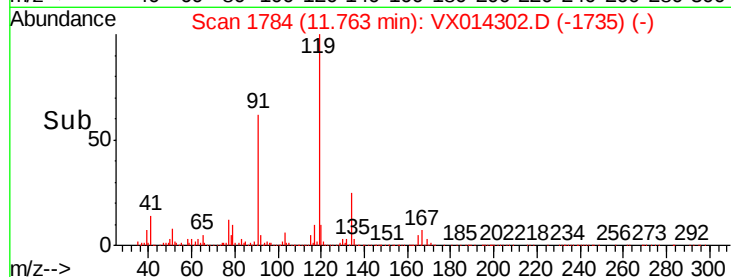
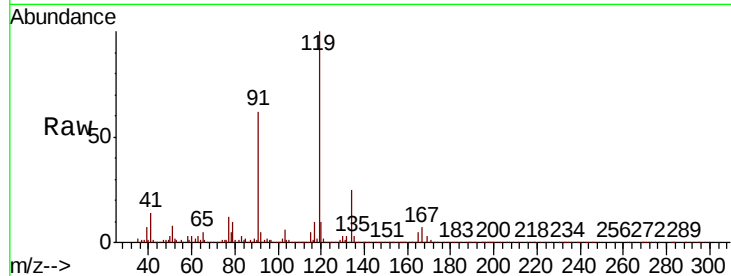
#83
tert-Butylbenzene
Concen: 49.401 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.6	28.5	85.6
134	24.0	12.2	36.6

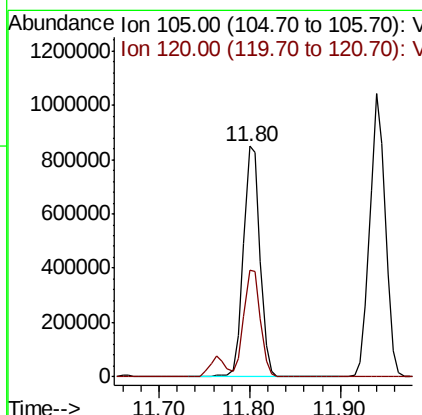
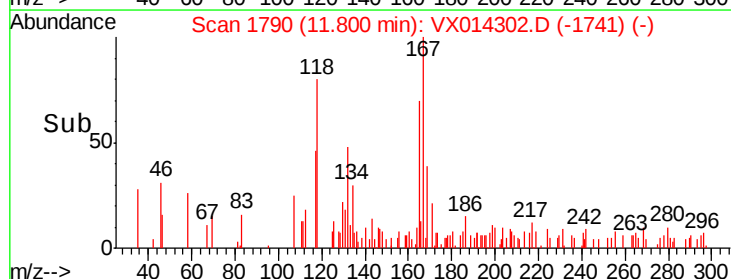
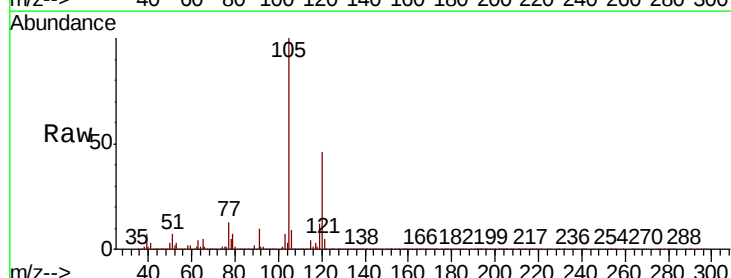
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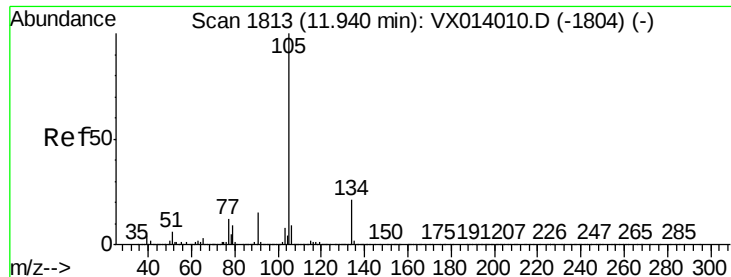
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#84
1,2,4-Trimethylbenzene
Concen: 49.956 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.2





#85

sec-Butylbenzene

Concen: 50.657 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1245994

Ion Ratio Lower Upper

105 100

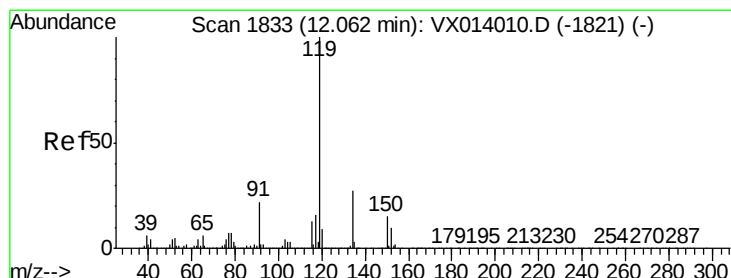
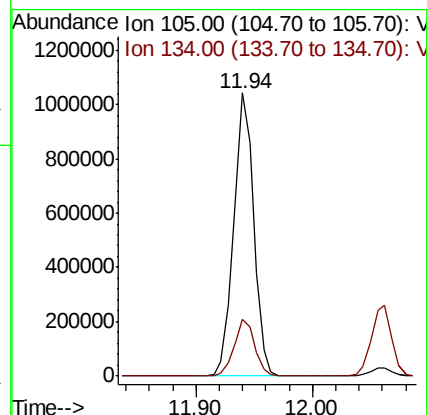
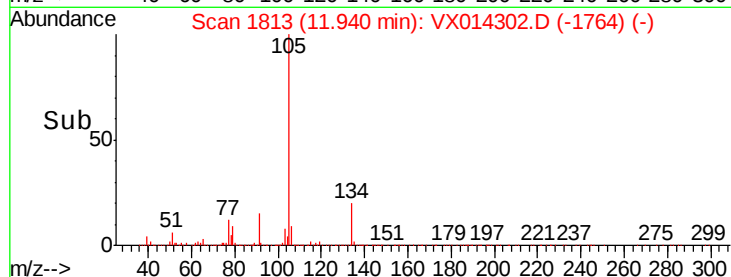
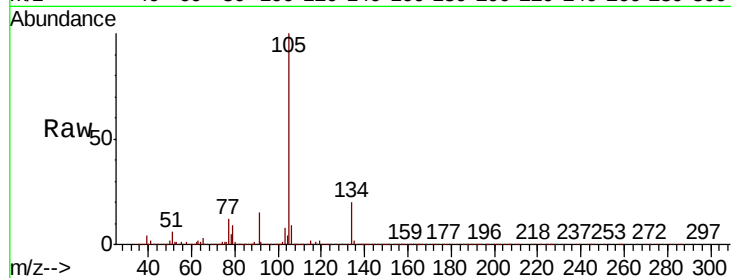
134 20.5 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 51.181 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

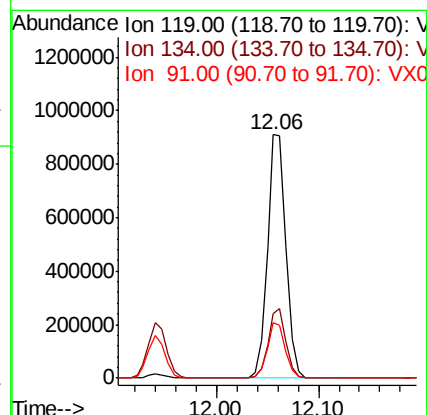
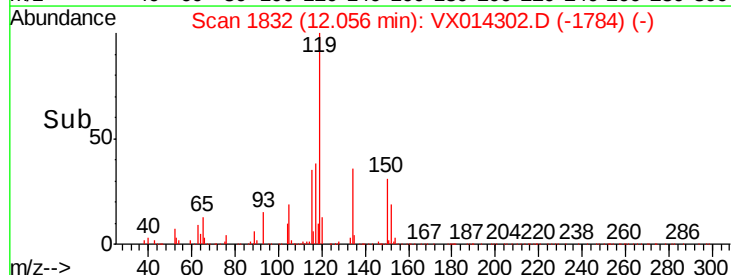
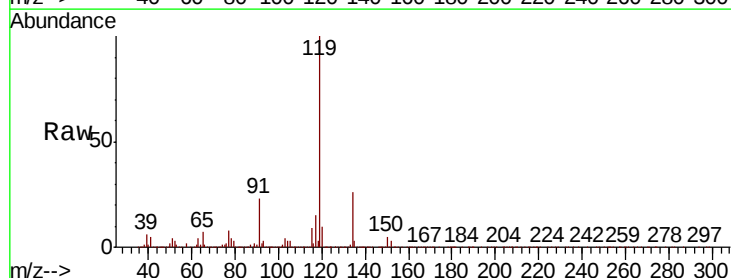
Tgt Ion:119 Resp: 1151562

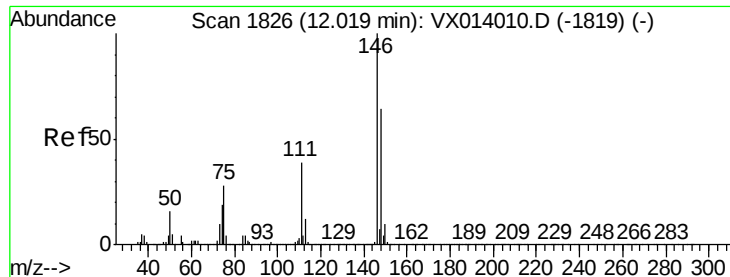
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.3 11.4 34.1





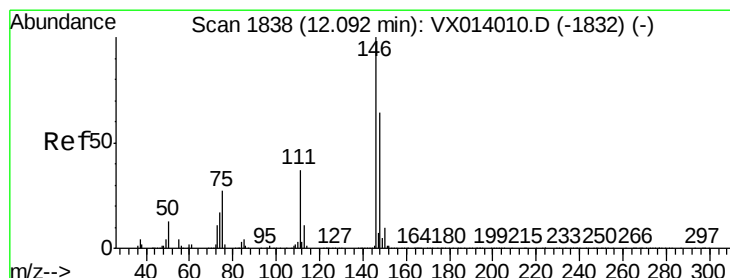
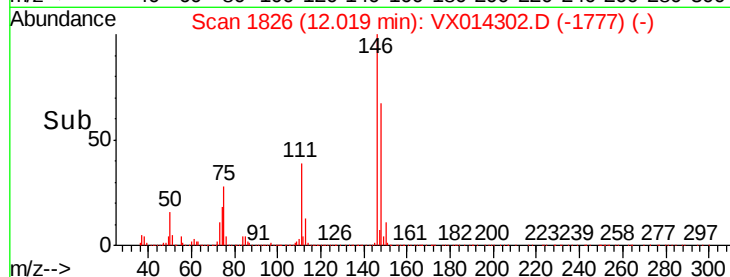
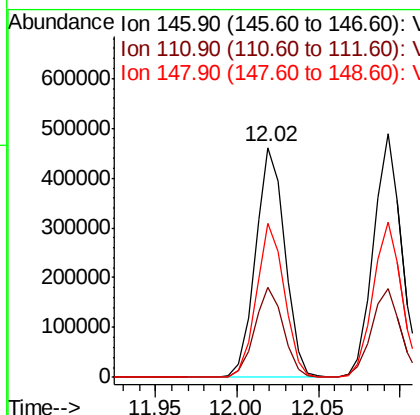
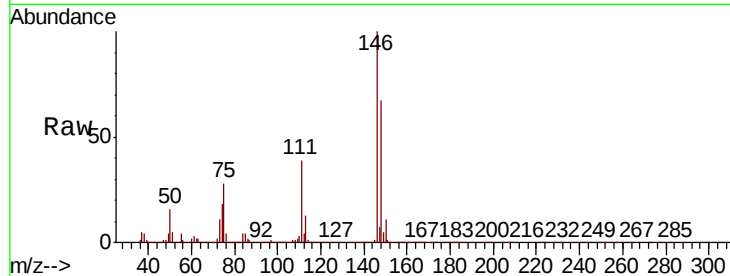
#87
 1,3-Dichlorobenzene
 Concen: 47.033 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	64.5	32.3	96.9

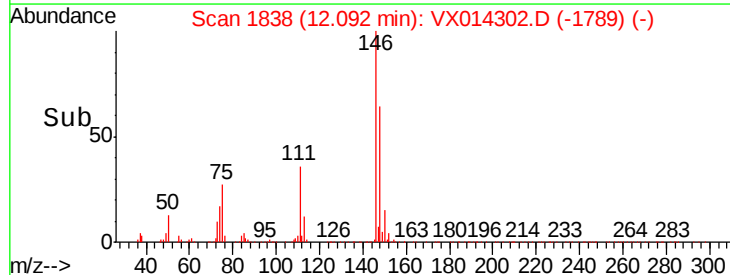
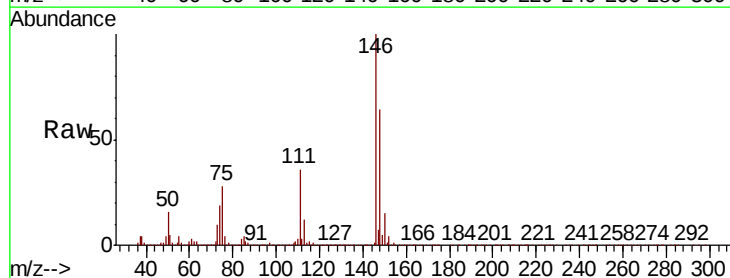
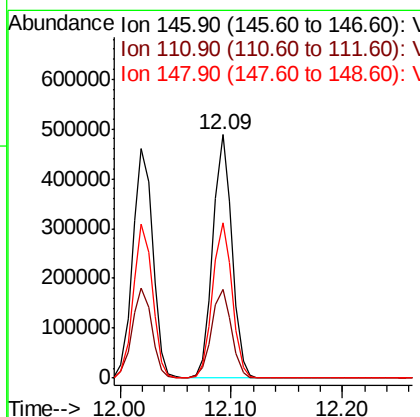
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#88
 1,4-Dichlorobenzene
 Concen: 46.690 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.7	56.1
148	65.2	31.9	95.9





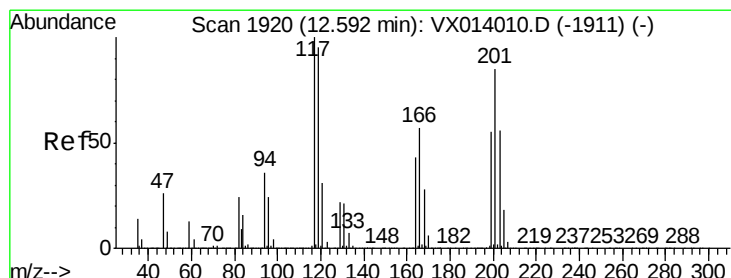
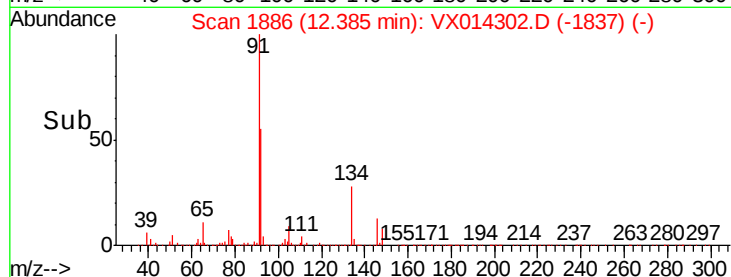
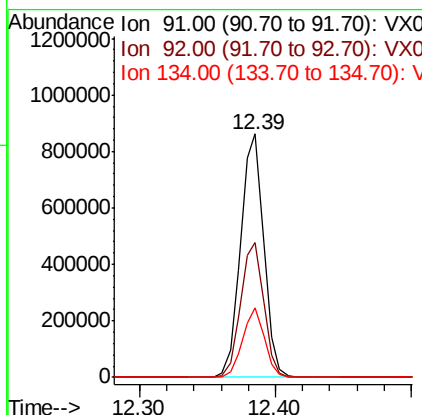
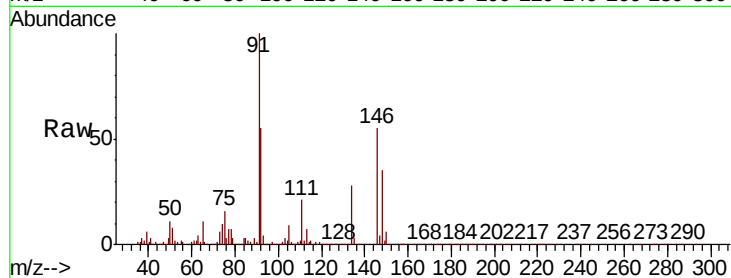
#89
n-Butylbenzene
Concen: 52.906 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.2	81.6
134	26.8	13.4	40.1

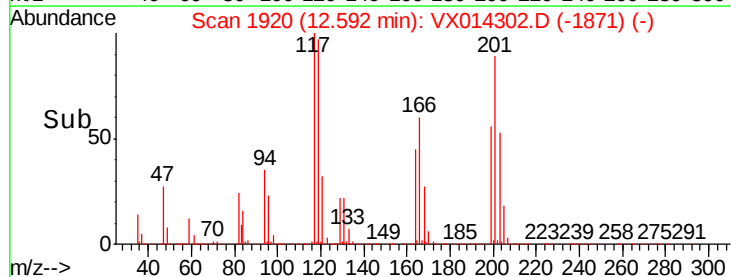
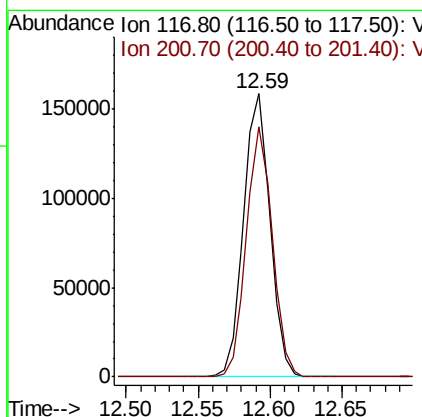
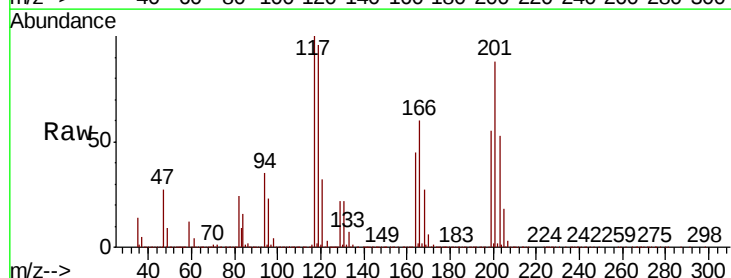
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#90
Hexachloroethane
Concen: 49.728 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.0	43.1	129.3





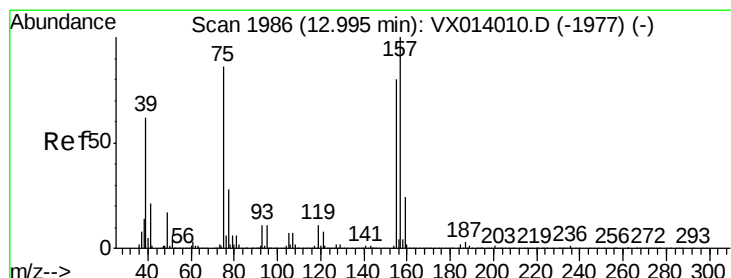
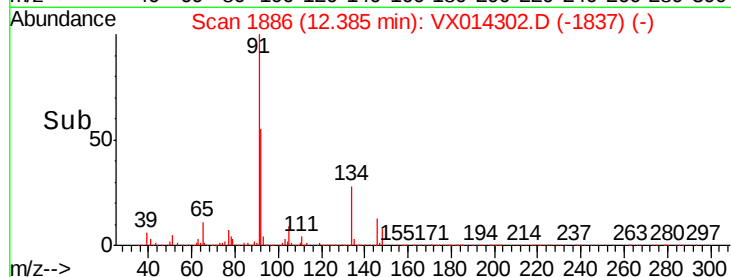
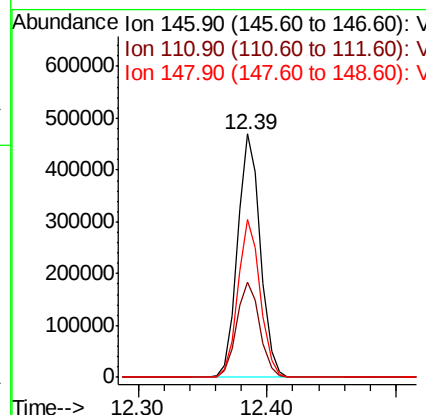
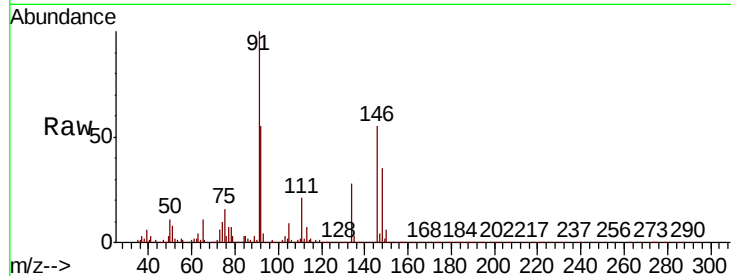
#91
 1,2-Dichlorobenzene
 Concen: 46.883 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.7	59.1
148	63.9	32.1	96.5

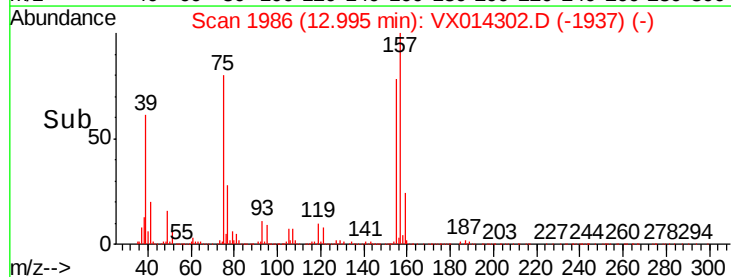
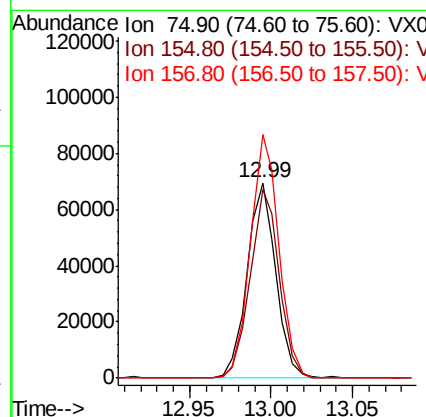
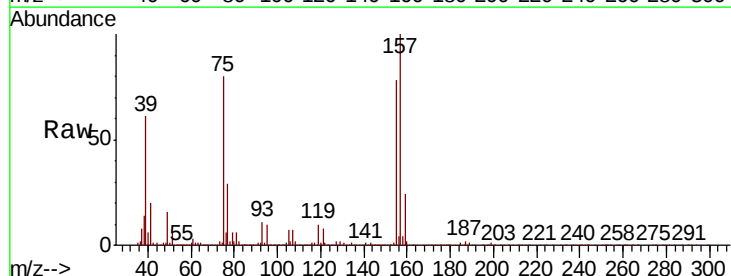
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.297 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.8	46.9	140.6
157	125.7	60.8	182.4





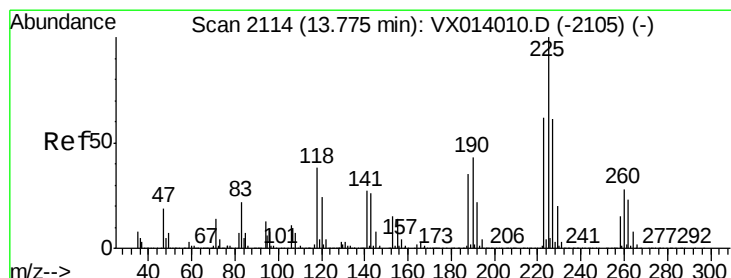
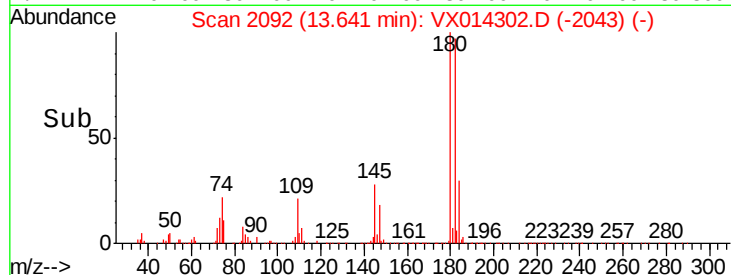
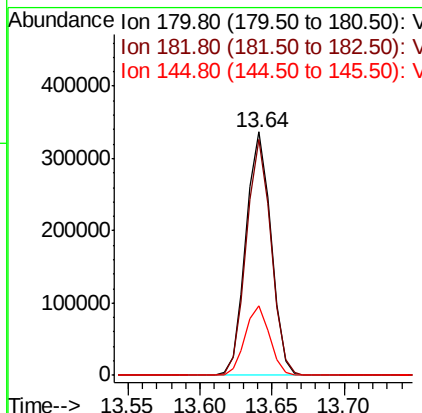
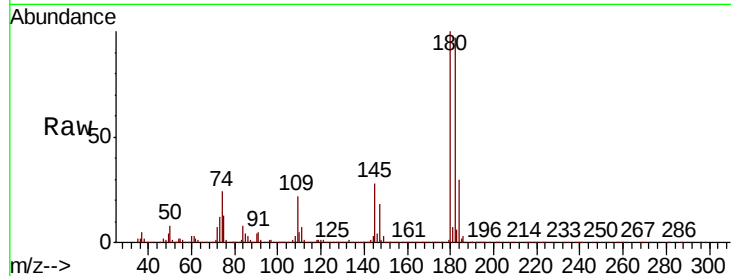
#93
 1,2,4-Trichlorobenzene
 Concen: 50.448 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	404910		
182	95.7	46.6	139.8	
145	27.9	14.2	42.6	

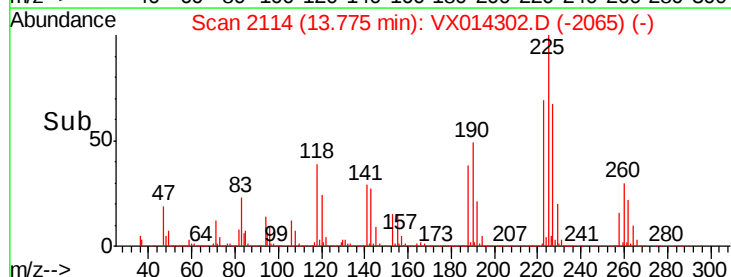
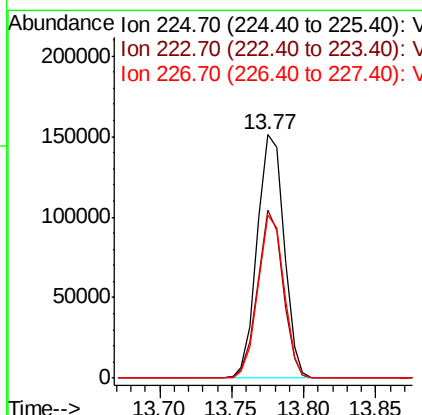
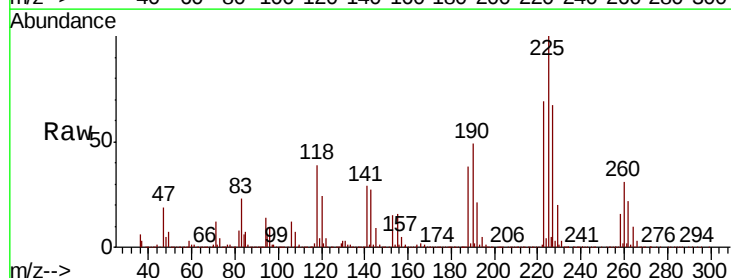
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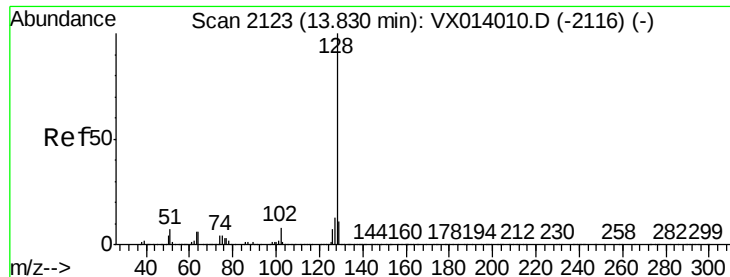
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#94
 Hexachlorobutadiene
 Concen: 50.257 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	193859		
223	65.0	30.9	92.5	
227	64.9	30.9	92.7	





#95

Naphthalene

Concen: 50.315 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1186498

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

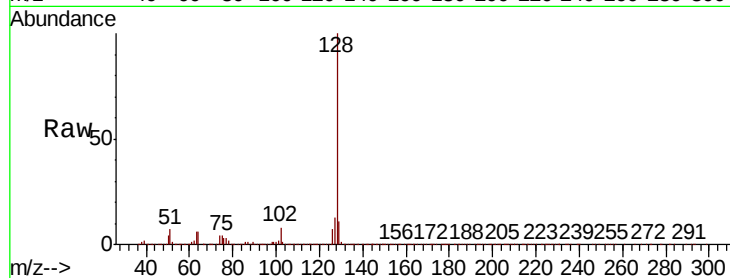
129 11.0 8.7 13.1

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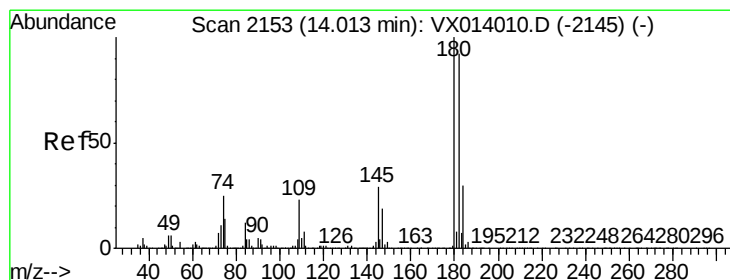
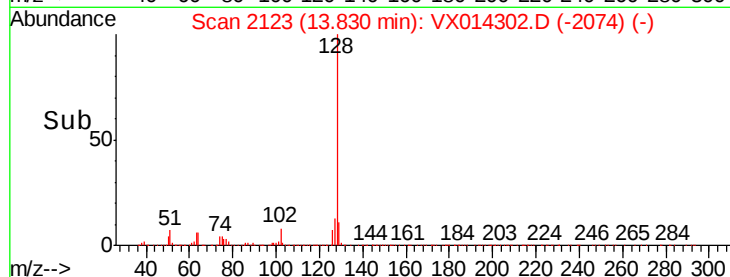
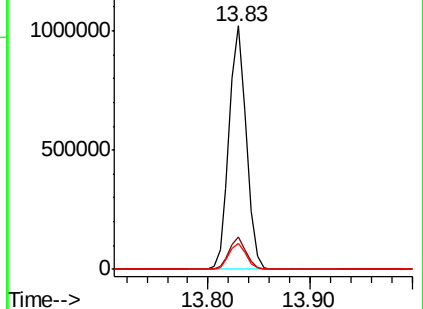
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.881 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

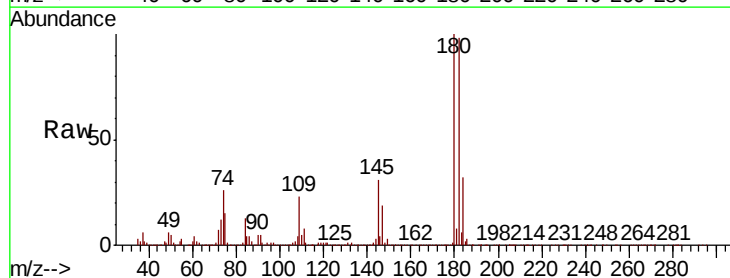
Tgt Ion:180 Resp: 395211

Ion Ratio Lower Upper

180 100

182 96.4 46.8 140.3

145 30.0 14.8 44.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

