

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112719\
 Data File : VX013690.D
 Acq On : 28 Nov 2019 07:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 12/2/2019 3:17:45 PM

Quant Time: Nov 29 02:26:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	671815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1042750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	933196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	462949	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	364504	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
35) Dibromofluoromethane	5.49	113	304281	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
50) Toluene-d8	8.71	98	1154617	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
62) 4-Bromofluorobenzene	11.14	95	415417	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	370429	49.538	ug/l	99
3) Chloromethane	1.32	50	390602	46.553	ug/l	98
4) Vinyl Chloride	1.40	62	473781	50.169	ug/l	98
5) Bromomethane	1.63	94	227854	35.927	ug/l	99
6) Chloroethane	1.71	64	257258	47.872	ug/l	96
7) Trichlorofluoromethane	1.92	101	502615	47.930	ug/l	100
8) Diethyl Ether	2.18	74	234167	49.359	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	298340	46.578	ug/l	98
10) Methyl Iodide	2.50	142	329843	42.571	ug/l	99
11) Tert butyl alcohol	3.03	59	402954	209.342	ug/l	99
12) 1,1-Dichloroethene	2.36	96	305957	47.855	ug/l	100
13) Acrolein	2.28	56	243447	190.578	ug/l	99
14) Allyl chloride	2.72	41	517603	44.611	ug/l	99
15) Acrylonitrile	3.13	53	945569	237.983	ug/l	99
16) Acetone	2.43	43	810592	210.538	ug/l	99
17) Carbon Disulfide	2.56	76	817511	44.855	ug/l	99
18) Methyl Acetate	2.76	43	536358	50.029	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	1024754	48.383	ug/l	98
20) Methylene Chloride	2.84	84	350120	47.335	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	330596	47.466	ug/l	98
22) Diisopropyl ether	3.84	45	1097847	49.140	ug/l	98
23) Vinyl Acetate	3.80	43	4472953	240.669	ug/l	100
24) 1,1-Dichloroethane	3.69	63	591974	48.470	ug/l	98
25) 2-Butanone	4.66	43	1317461	230.246	ug/l	99
26) 2,2-Dichloropropane	4.57	77	314535	31.127	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	380678	47.593	ug/l	96
28) Bromochloromethane	5.00	49	245833	50.936	ug/l	99
29) Tetrahydrofuran	5.11	42	861198	244.144	ug/l	99
30) Chloroform	5.20	83	576516	46.546	ug/l	98
31) Cyclohexane	5.57	56	540068	46.883	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	497822	48.096	ug/l	99
36) 1,1-Dichloropropene	5.79	75	439239	46.404	ug/l	99
37) Ethyl Acetate	4.82	43	515085	48.506	ug/l	100
38) Carbon Tetrachloride	5.78	117	420866	48.220	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	534493	45.682	ug/l	97
40) Benzene	6.14	78	1362980	47.278	ug/l	100
41) Methacrylonitrile	5.03	41	288951	49.617	ug/l	99
42) 1,2-Dichloroethane	6.19	62	474273	48.238	ug/l	99
43) Isopropyl Acetate	6.44	43	837922	47.930	ug/l	100
44) Trichloroethene	7.20	130	367192	46.409	ug/l	97
45) 1,2-Dichloropropane	7.51	63	351445	48.724	ug/l	97
46) Dibromomethane	7.65	93	231734	47.304	ug/l	99
47) Bromodichloromethane	7.89	83	447678	48.340	ug/l	100
48) Methyl methacrylate	7.76	41	414581	48.808	ug/l	98
49) 1,4-Dioxane	7.73	88	162674	855.588	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2625740	238.777	ug/l	100
52) Toluene	8.78	92	853966	47.682	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	464522	44.067	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	525835	45.659	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	352360	48.822	ug/l	99
56) Ethyl methacrylate	9.17	69	571081	49.216	ug/l	99
57) 1,3-Dichloropropane	9.37	76	586943	47.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1103967	242.659	ug/l	99
59) 2-Hexanone	9.48	43	2002782	233.518	ug/l	99
60) Dibromochloromethane	9.57	129	369972	49.395	ug/l	100
61) 1,2-Dibromoethane	9.67	107	368735	47.836	ug/l	98
64) Tetrachloroethene	9.33	164	351212	50.467	ug/l	99
65) Chlorobenzene	10.14	112	909329	46.933	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	343954	49.437	ug/l	99
67) Ethyl Benzene	10.25	91	1635286	49.117	ug/l	99
68) m/p-Xylenes	10.36	106	1229238	96.435	ug/l	99
69) o-Xylene	10.70	106	599988	48.262	ug/l	99
70) Styrene	10.71	104	1031337	49.317	ug/l	100
71) Bromoform	10.85	173	283497	49.247	ug/l #	100
73) Isopropylbenzene	11.01	105	1602690	49.353	ug/l	100
74) N-amyl acetate	10.89	43	732188	49.220	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	551862	49.003	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	431876m	41.477	ug/l	
77) Bromobenzene	11.25	156	424121	48.344	ug/l	99
78) n-propylbenzene	11.35	91	1780755	49.123	ug/l	100
79) 2-Chlorotoluene	11.42	91	1059697	48.731	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1318190	49.527	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	158648	41.684	ug/l	100
82) 4-Chlorotoluene	11.51	91	1203838	47.797	ug/l	100
83) tert-Butylbenzene	11.76	119	1321182	48.844	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1334430	49.401	ug/l	100
85) sec-Butylbenzene	11.94	105	1523304	49.304	ug/l	100
86) p-Isopropyltoluene	12.06	119	1406992	48.952	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	720686	47.126	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	729786	46.851	ug/l	99
89) n-Butylbenzene	12.39	91	1186800	48.412	ug/l	100
90) Hexachloroethane	12.59	117	248185	47.771	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	731278	48.398	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	115833	47.232	ug/l	95

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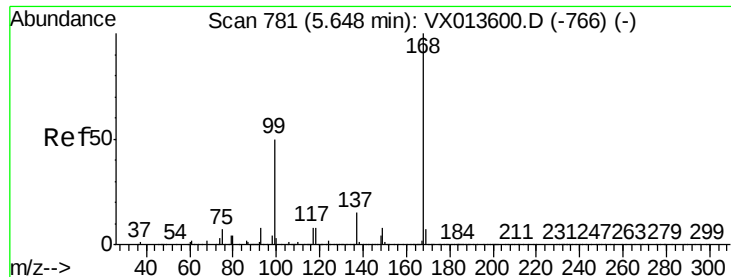
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	495418	47.046	ug/l	99
94) Hexachlorobutadiene	13.78	225	231335	45.731	ug/l	97
95) Naphthalene	13.83	128	1576289	50.264	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	499000	47.859	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: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 671815

Ion Ratio Lower Upper

168 100

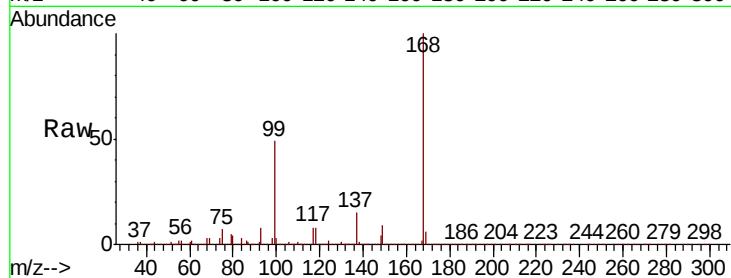
99 48.4 39.8 59.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

50000

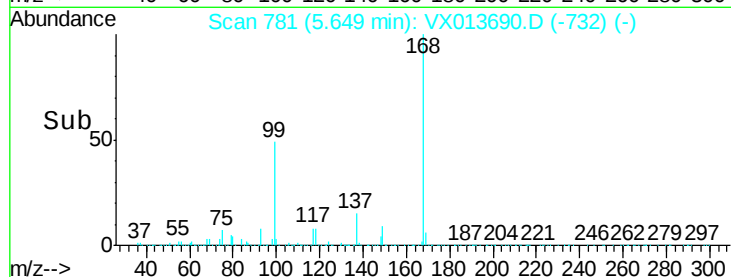
0

5.50

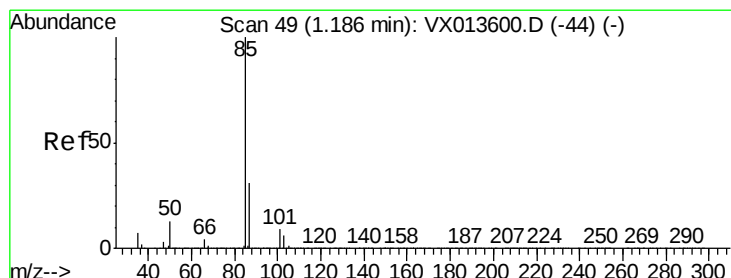
5.60

5.70

5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 49.538 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013690.D

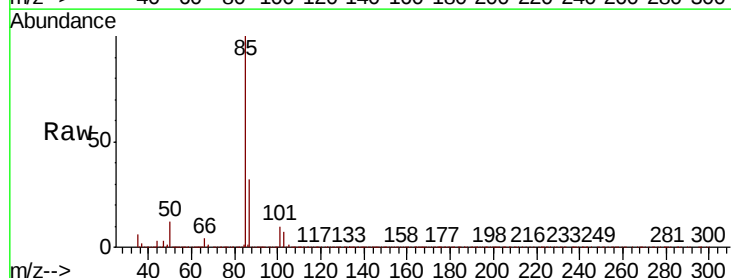
Acq: 28 Nov 2019 07:01

Tgt Ion: 85 Resp: 370429

Ion Ratio Lower Upper

85 100

87 32.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

200000

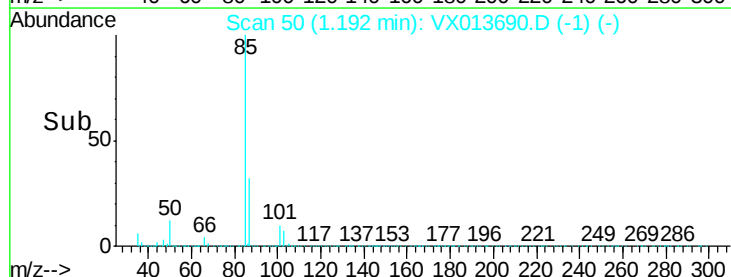
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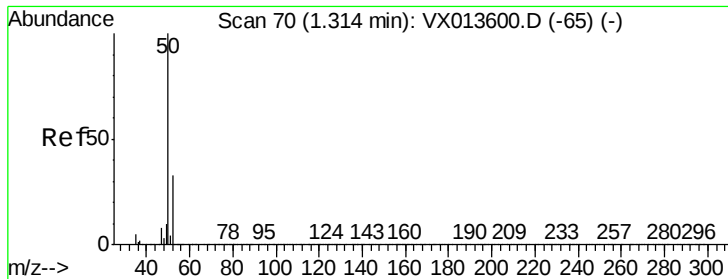
1.10

1.20

1.30



Time-->



#3

Chloromethane

Concen: 46.553 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 390602

Ion Ratio Lower Upper

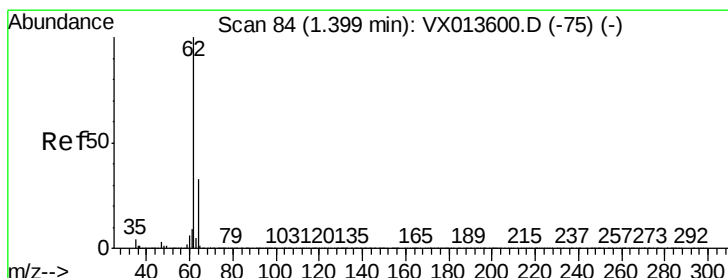
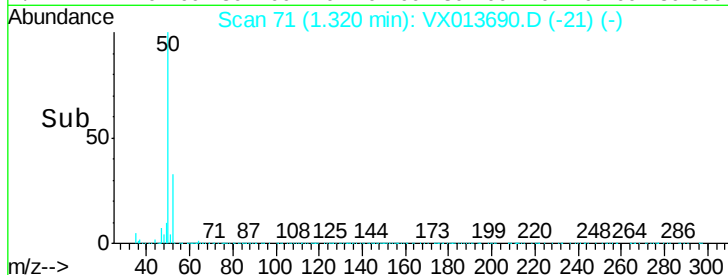
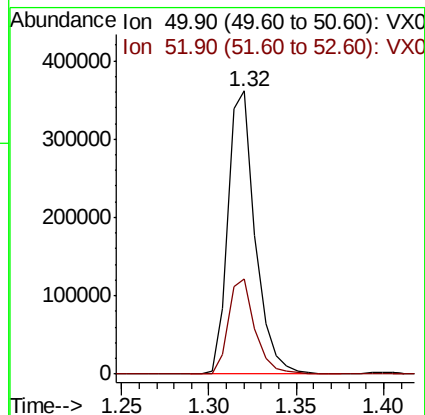
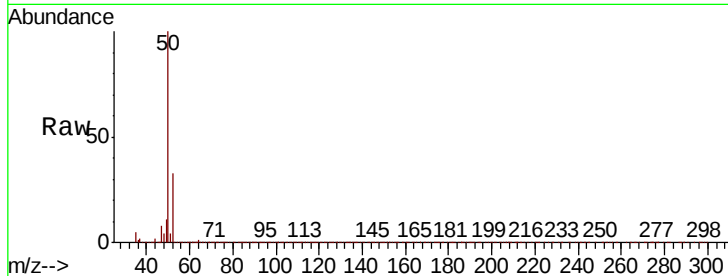
50 100

52 33.4 26.0 39.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 50.169 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013690.D

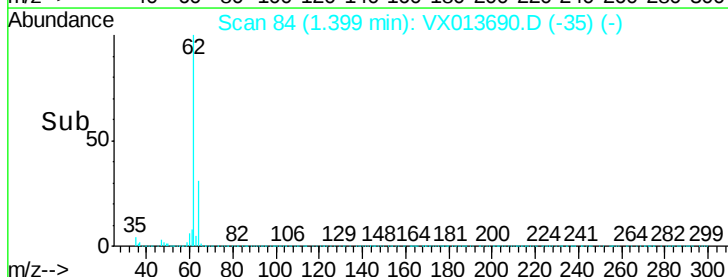
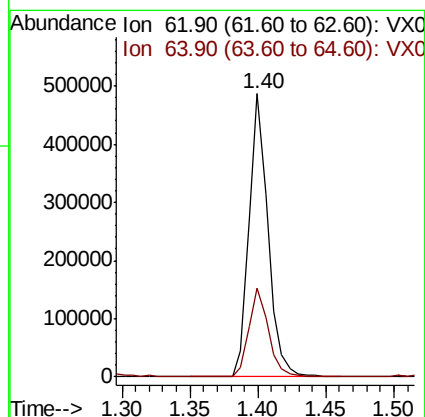
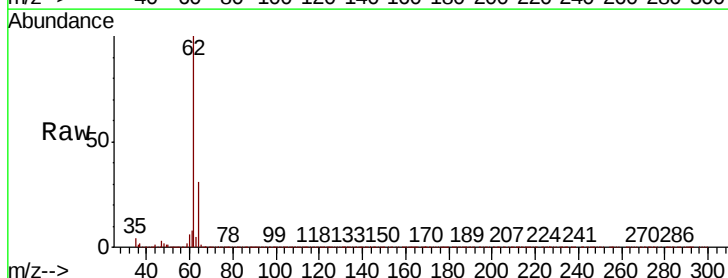
Acq: 28 Nov 2019 07:01

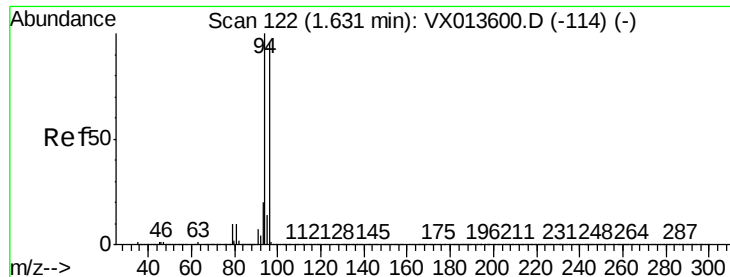
Tgt Ion: 62 Resp: 473781

Ion Ratio Lower Upper

62 100

64 31.1 26.0 39.0





#5

Bromomethane

Concen: 35.927 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 227854

Ion Ratio Lower Upper

94 100

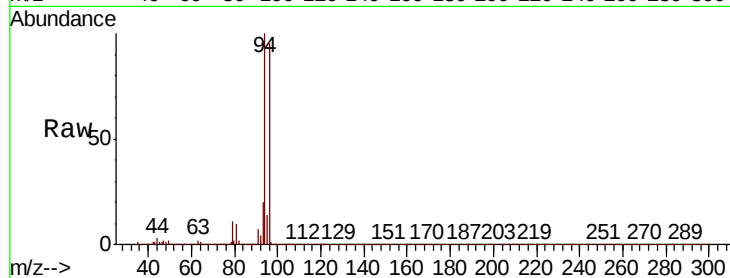
96 95.6 77.0 115.4

Manual Integrations

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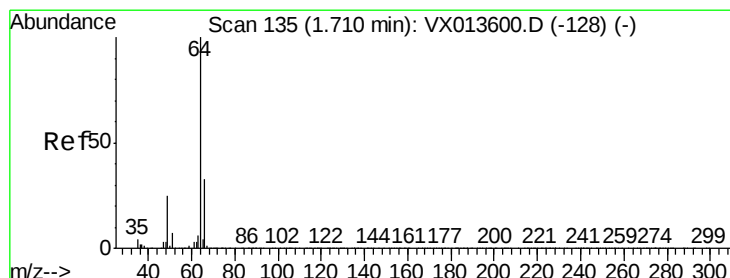
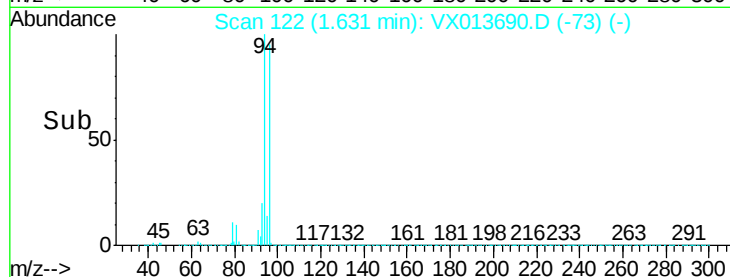
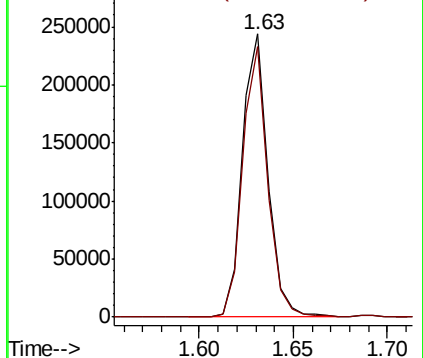
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.872 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013690.D

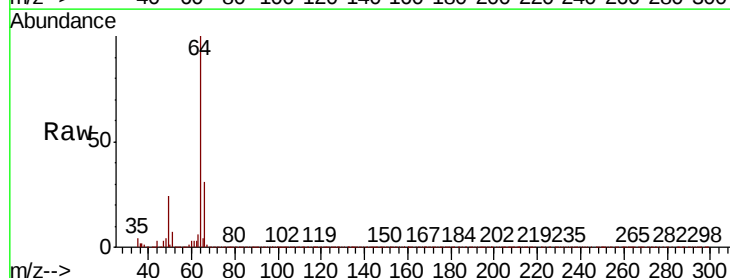
Acq: 28 Nov 2019 07:01

Tgt Ion: 64 Resp: 257258

Ion Ratio Lower Upper

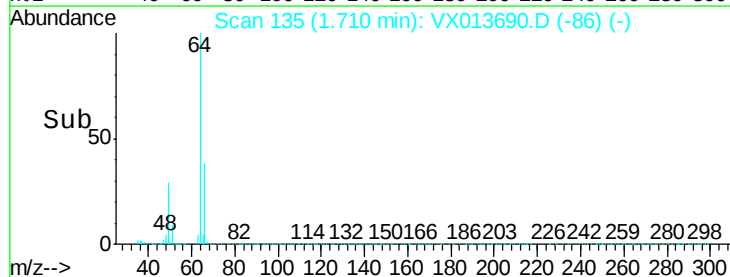
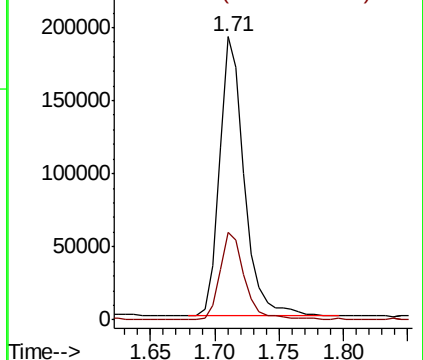
64 100

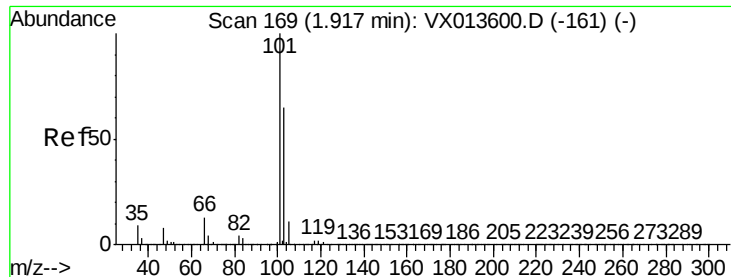
66 31.2 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

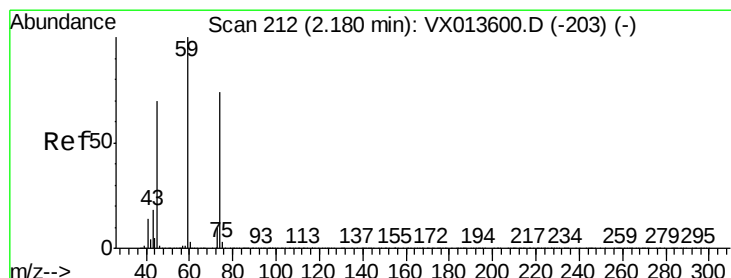
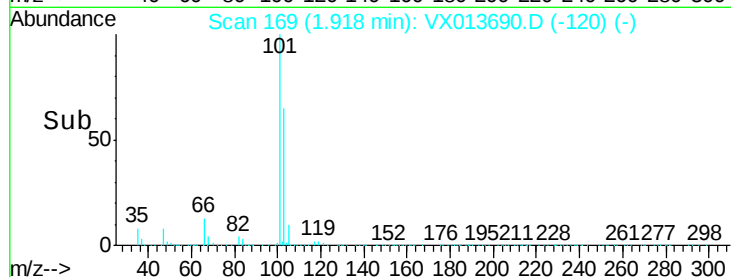
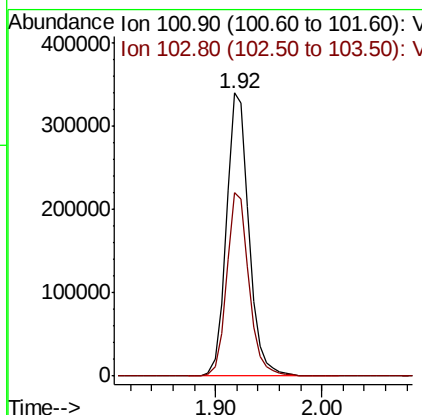
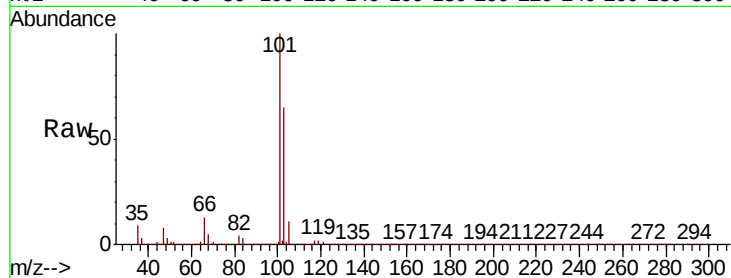
Trichlorofluoromethane
Concen: 47.930 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.8	77.6

Manual Integrations
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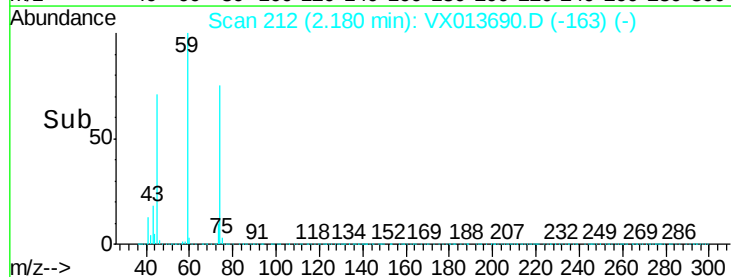
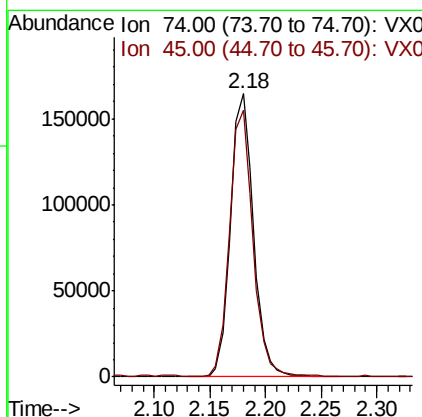
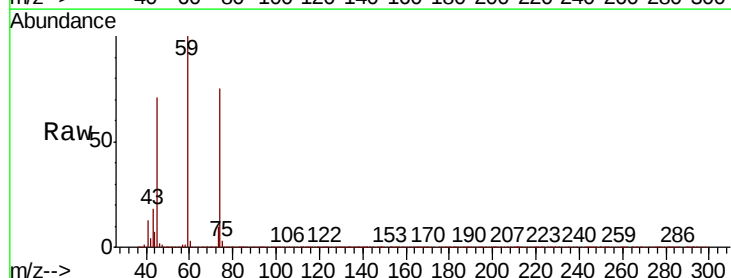
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12/2/2019 3:17:45 PM

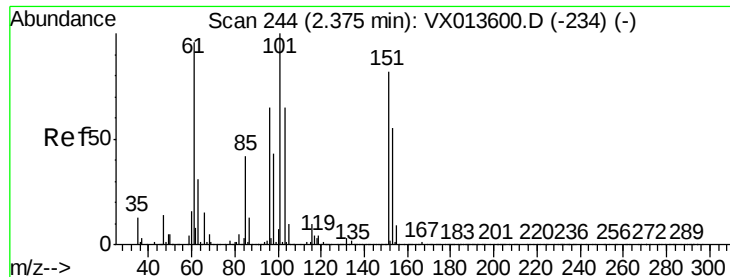


#8

Diethyl Ether
Concen: 49.359 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.4	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.578 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

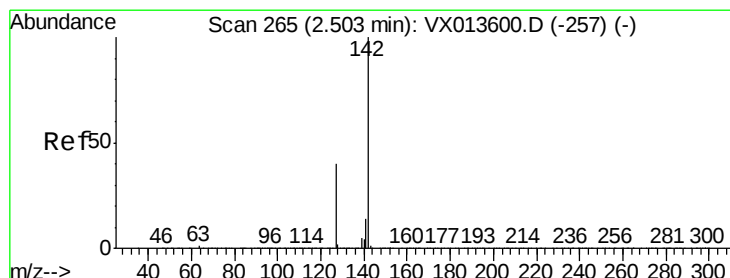
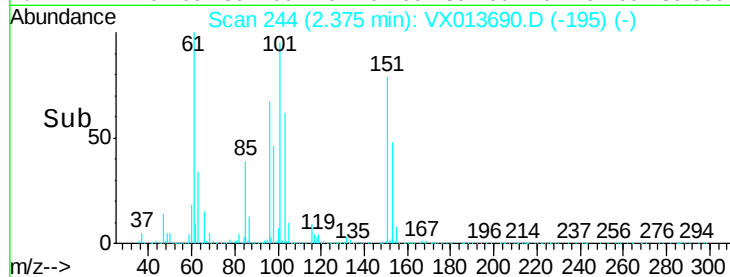
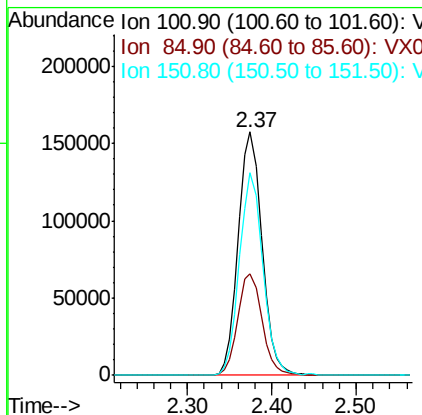
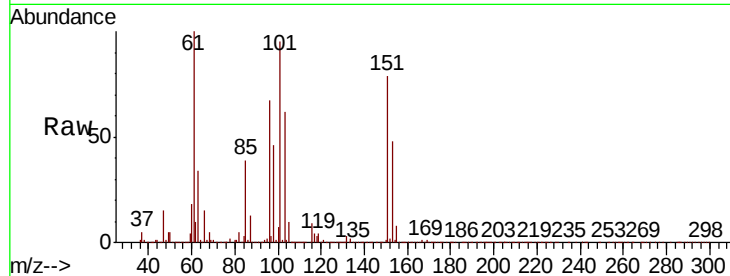
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	298340
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.9	50.9
151	82.4	64.2	96.2

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#10

Methyl Iodide

Concen: 42.571 ug/l

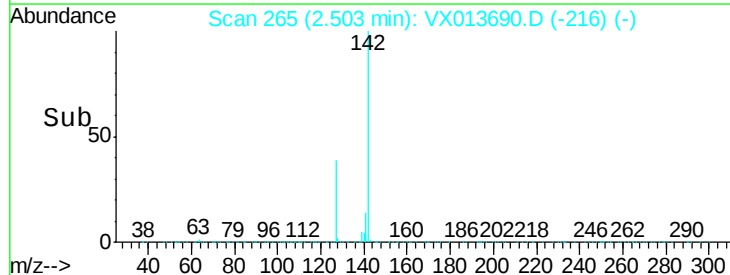
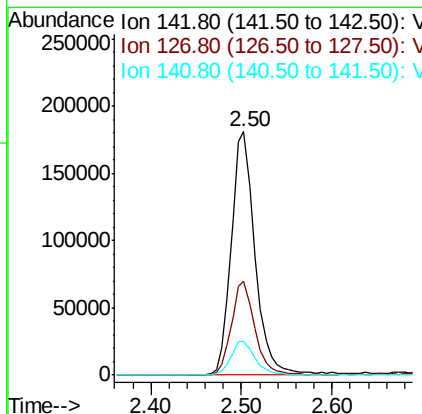
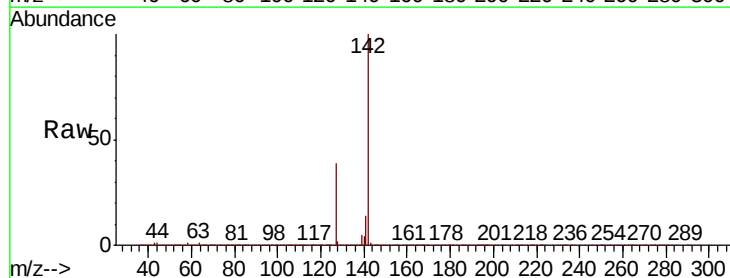
RT: 2.50 min Scan# 265

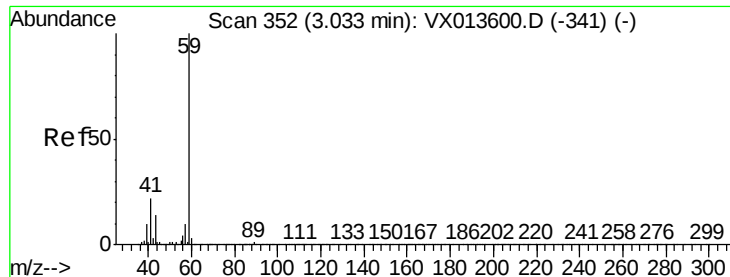
Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Tgt Ion:	142	Resp:	329843
Ion Ratio	Lower	Upper	
142	100		
127	37.6	31.0	46.4
141	14.2	11.6	17.4





#11

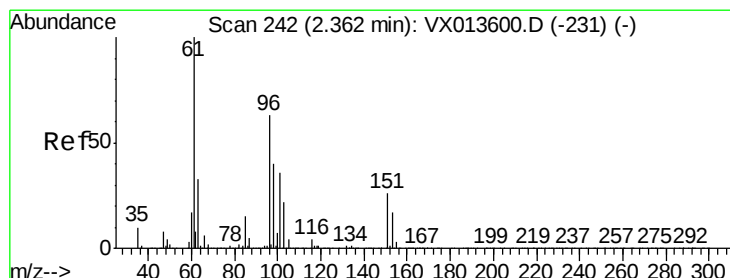
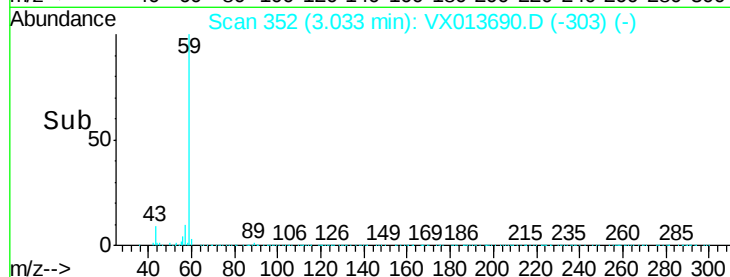
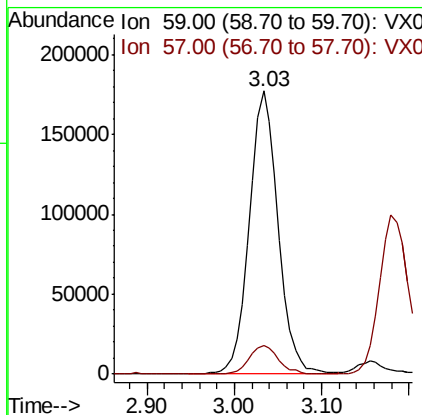
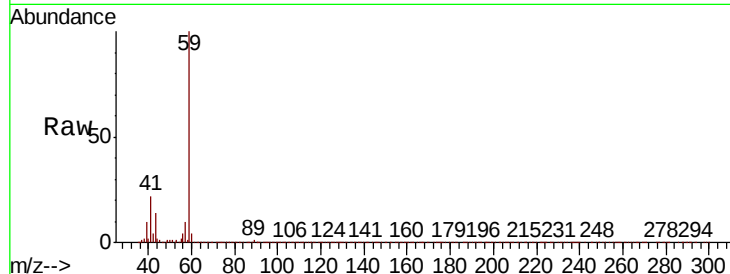
Tert butyl alcohol
Concen: 209.342 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	7.8	11.6

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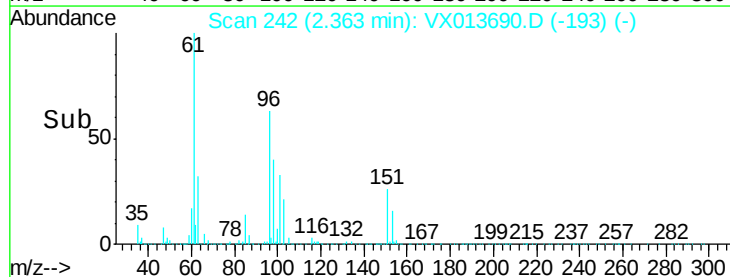
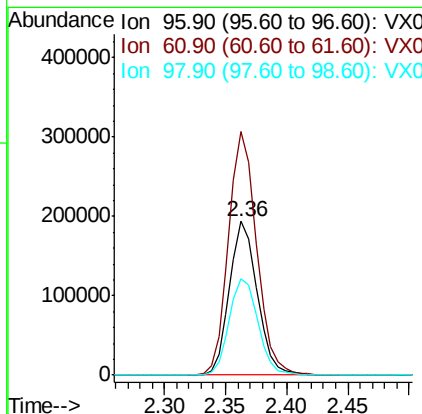
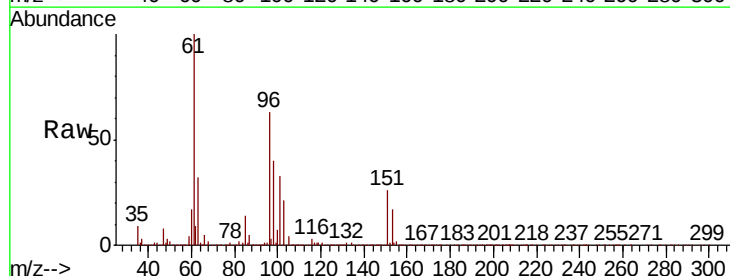
apatel
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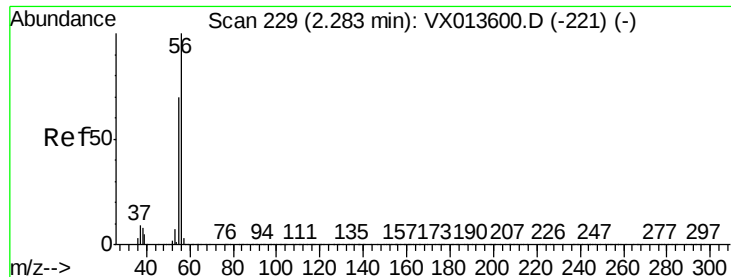


#12

1,1-Dichloroethene
Concen: 47.855 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.6	126.6	190.0
98	63.0	50.6	76.0





#13

Acrolein

Concen: 190.578 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 243447

Ion Ratio Lower Upper

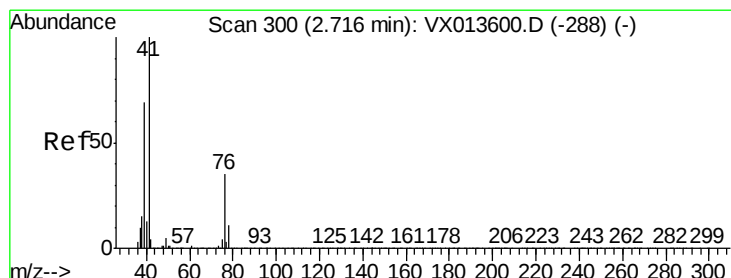
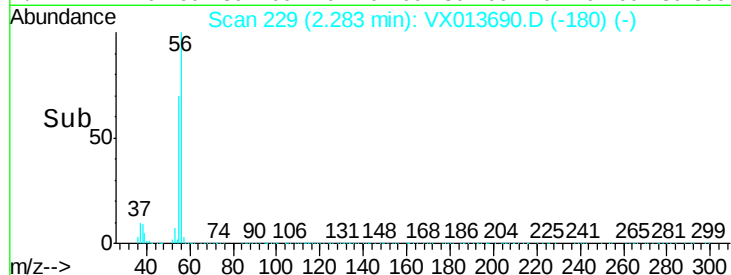
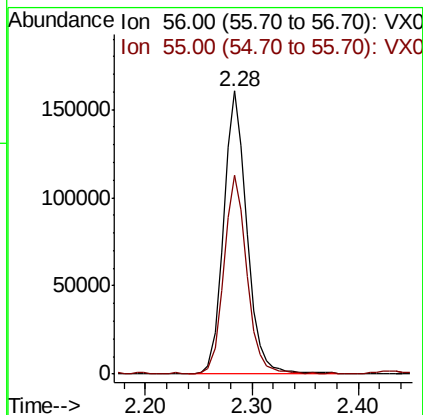
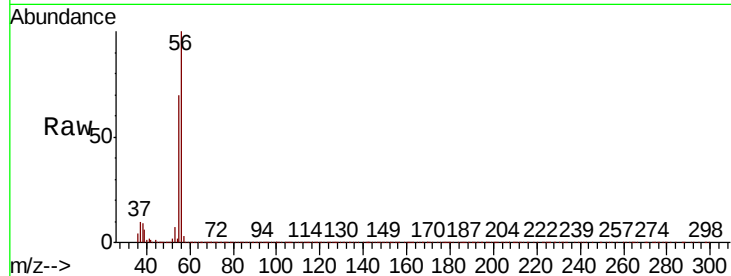
56 100

55 69.4 56.2 84.4

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#14

Allyl chloride

Concen: 44.611 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

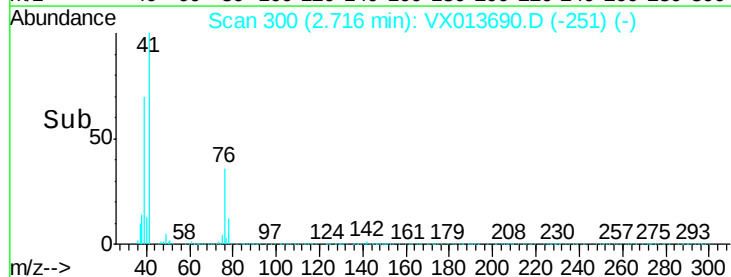
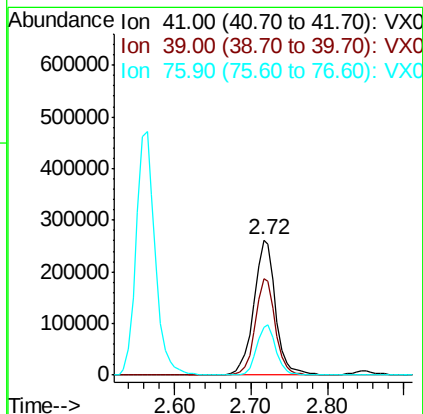
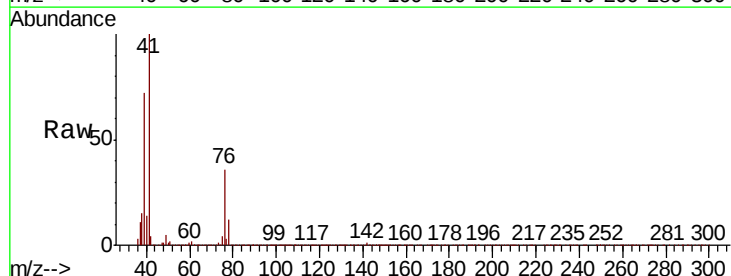
Tgt Ion: 41 Resp: 517603

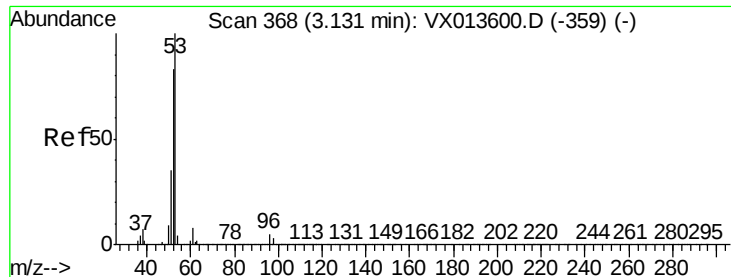
Ion Ratio Lower Upper

41 100

39 65.8 51.7 77.5

76 32.9 25.9 38.9





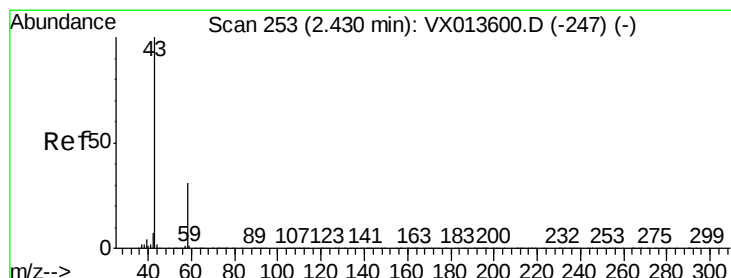
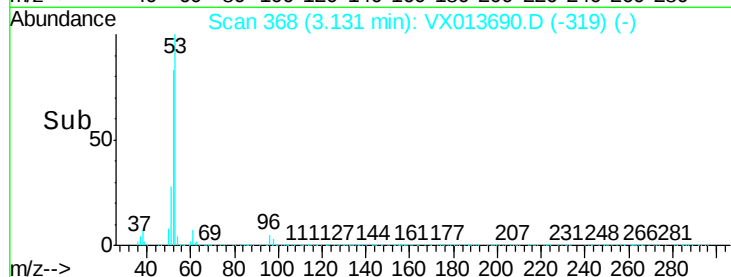
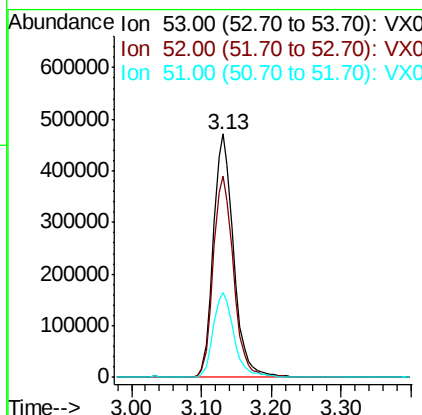
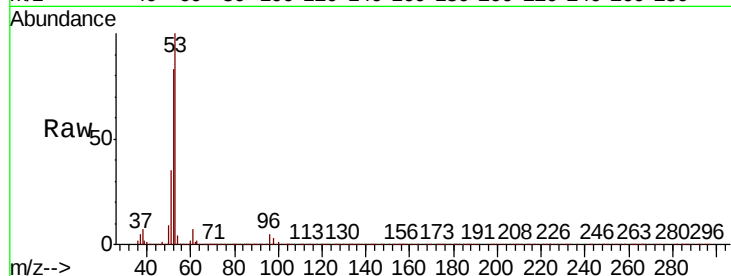
#15
 Acrylonitrile
 Concen: 237.983 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX013690.D
 Acq: 28 Nov 2019 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	945569
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.2	99.2
51	35.5	29.0	43.6

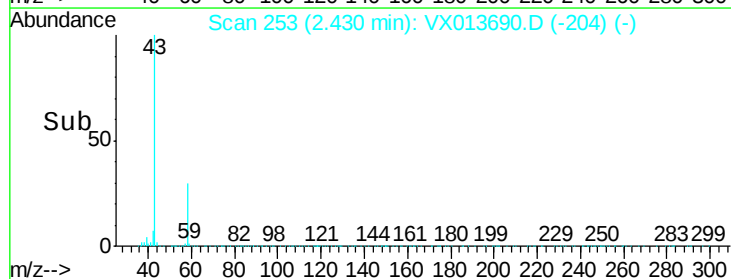
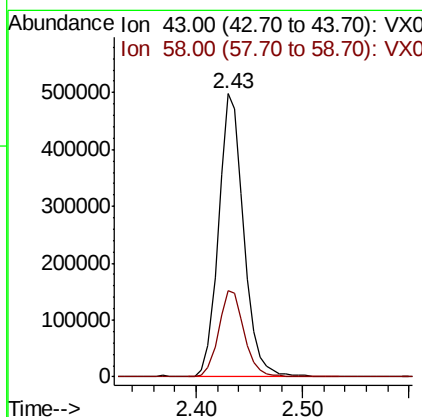
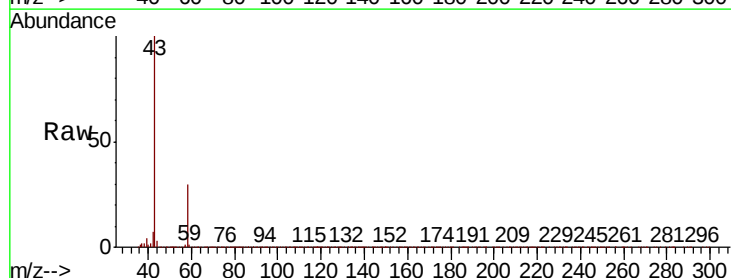
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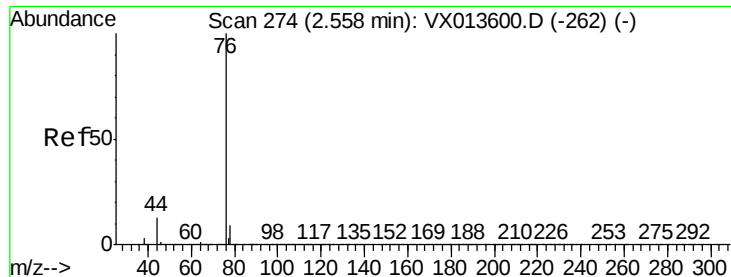
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#16
 Acetone
 Concen: 210.538 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX013690.D
 Acq: 28 Nov 2019 07:01

Tgt Ion:	43	Resp:	810592
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.6	36.8





#17

Carbon Disulfide

Concen: 44.855 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 817511

Ion Ratio Lower Upper

76 100

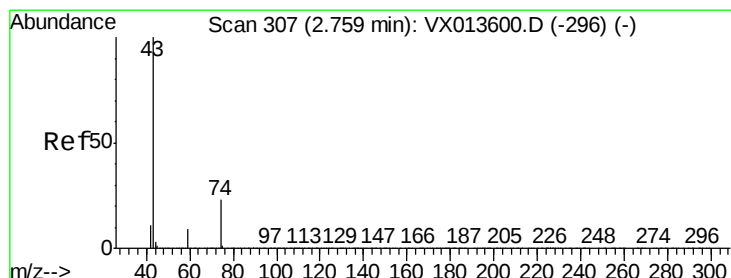
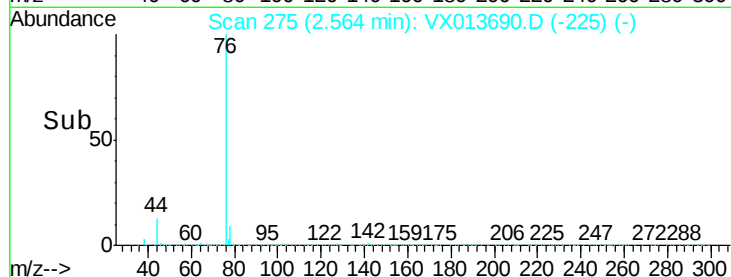
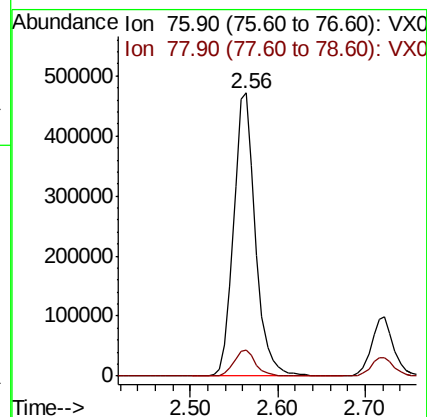
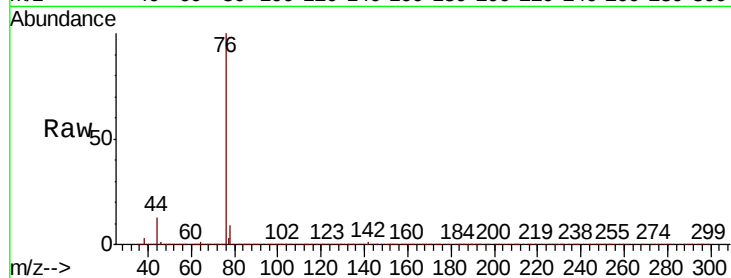
78 9.3 7.2 10.8

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#18

Methyl Acetate

Concen: 50.029 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013690.D

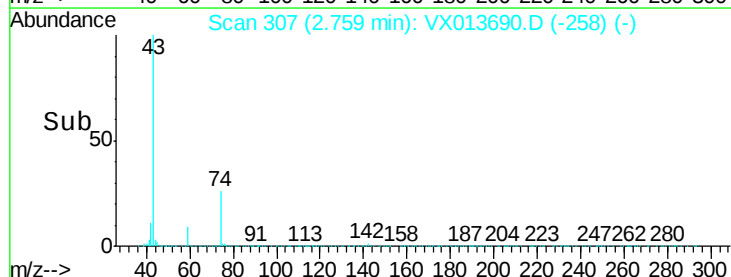
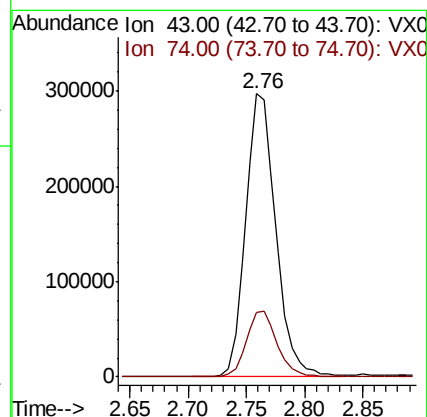
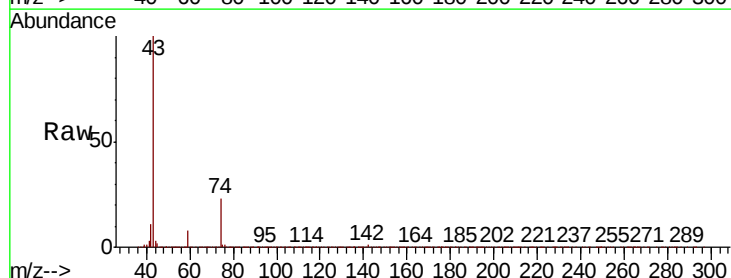
Acq: 28 Nov 2019 07:01

Tgt Ion: 43 Resp: 536358

Ion Ratio Lower Upper

43 100

74 23.8 19.5 29.3





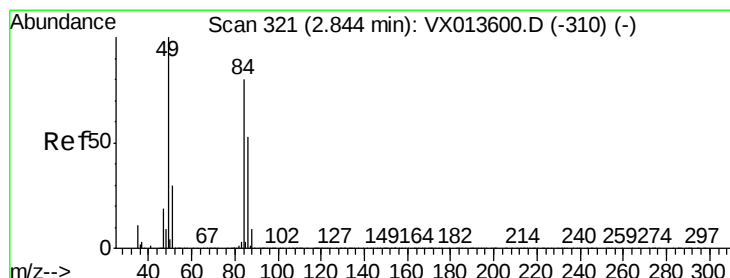
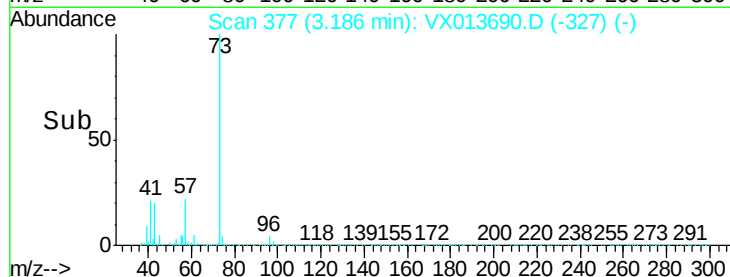
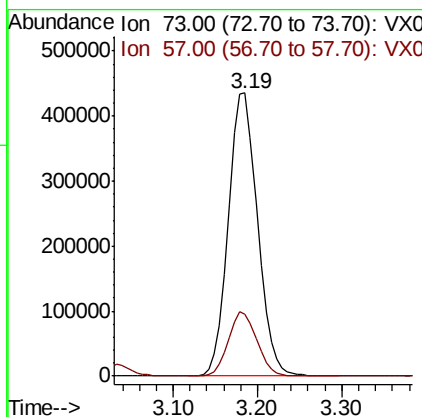
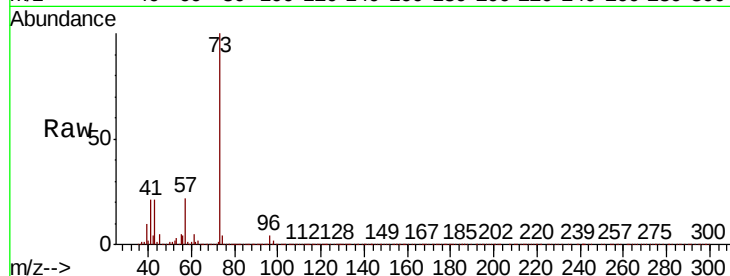
#19
Methvl tert-butvl Ether
Concen: 48.383 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1024754
Ion Ratio Lower Upper
73 100
57 21.7 18.3 27.5

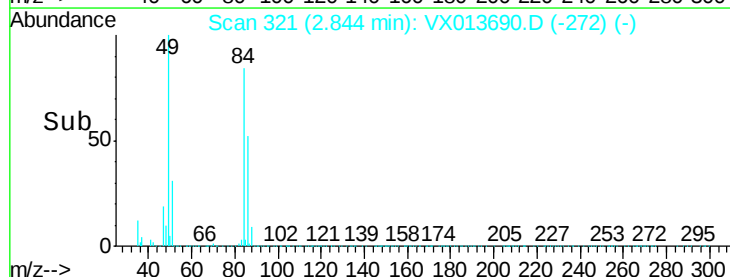
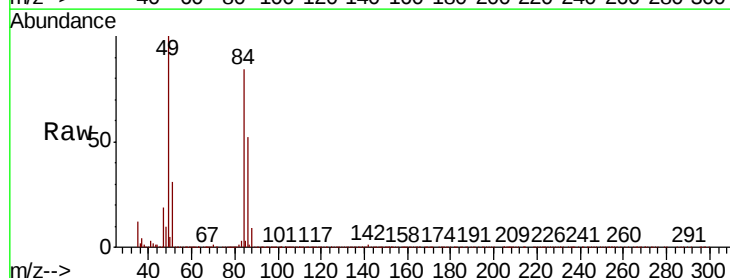
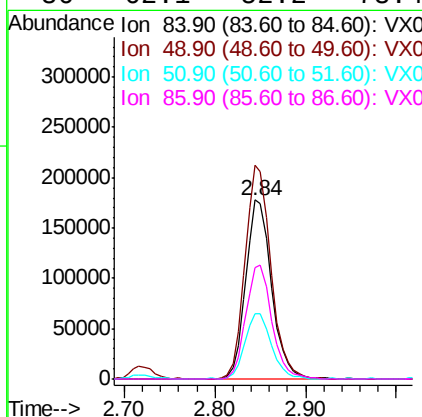
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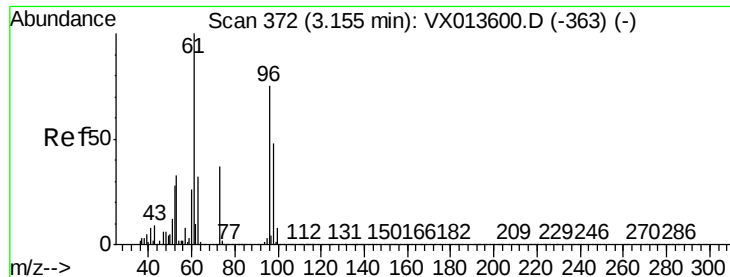
apatel
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#20
Methylene Chloride
Concen: 47.335 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Tgt Ion: 84 Resp: 350120
Ion Ratio Lower Upper
84 100
49 119.5 99.7 149.5
51 36.4 29.9 44.9
86 62.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 47.466 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

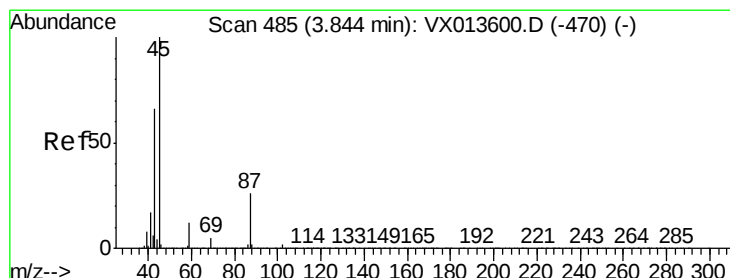
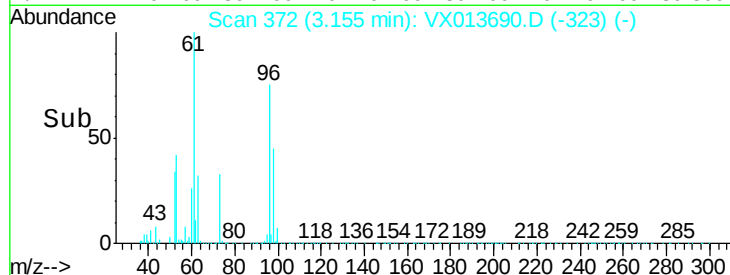
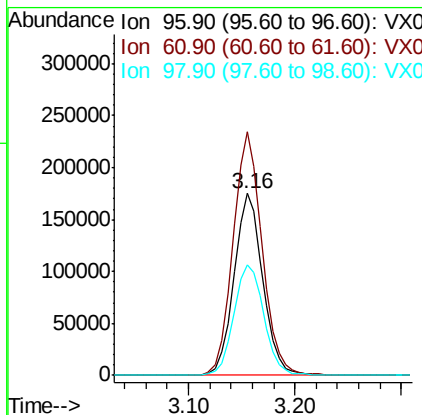
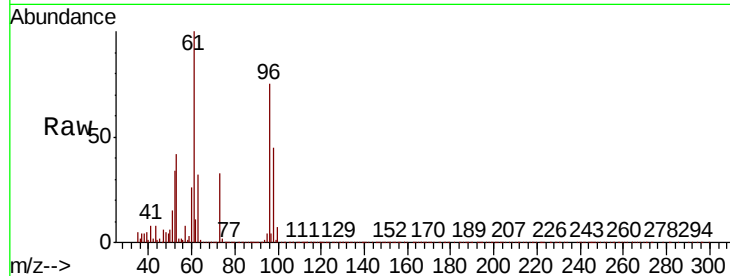
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	330596
Ion	Ratio	Lower	Upper
96	100		
61	133.6	107.2	160.8
98	60.8	51.4	77.0

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#22

Diisopropyl ether

Concen: 49.140 ug/l

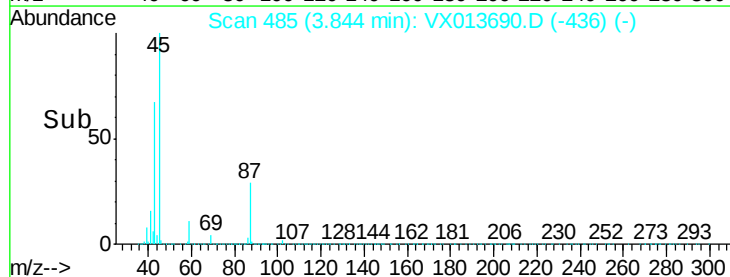
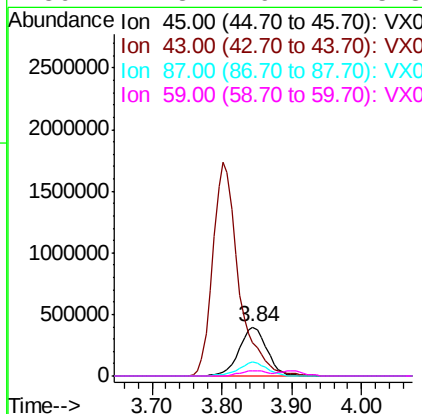
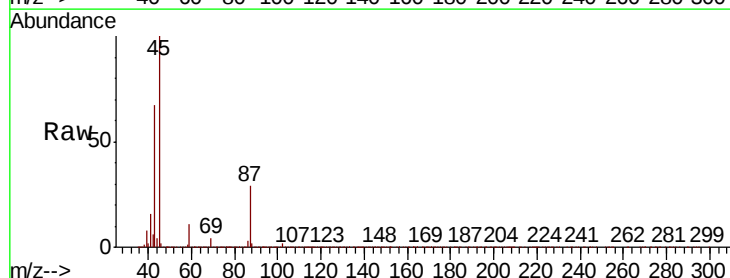
RT: 3.84 min Scan# 485

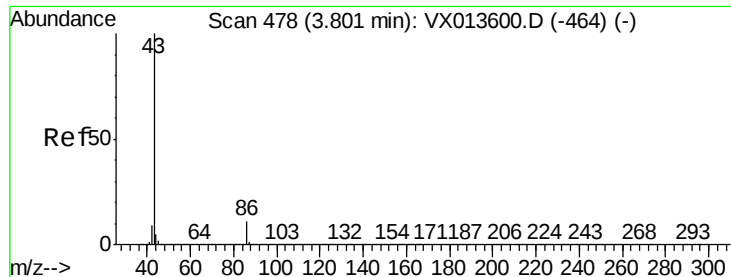
Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Tgt Ion:	45	Resp:	1097847
Ion	Ratio	Lower	Upper
45	100		
43	66.9	52.6	79.0
87	28.5	21.1	31.7
59	11.3	9.2	13.8





#23

Vinyl Acetate

Concen: 240.669 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 4472953

Ion Ratio Lower Upper

43 100

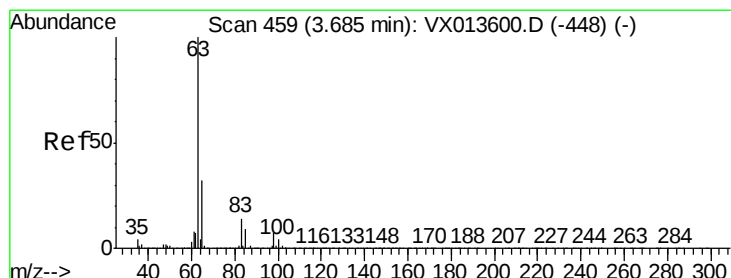
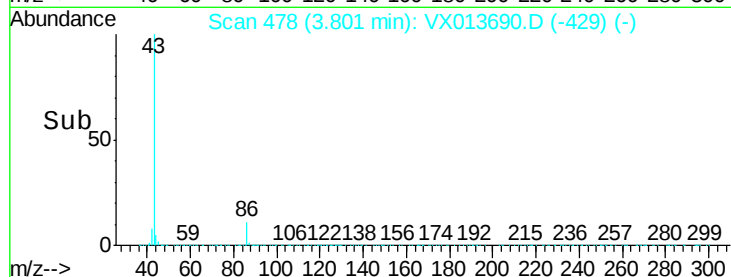
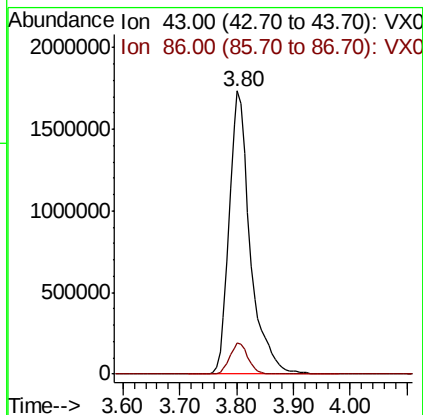
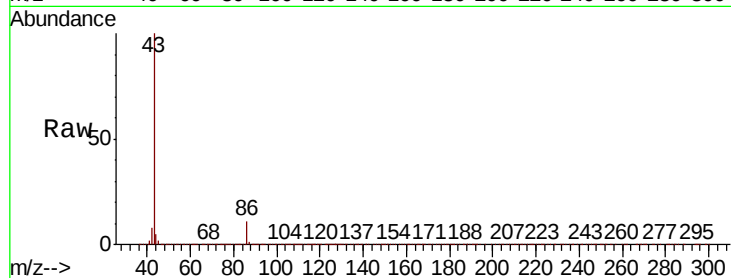
86 11.0 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 48.470 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

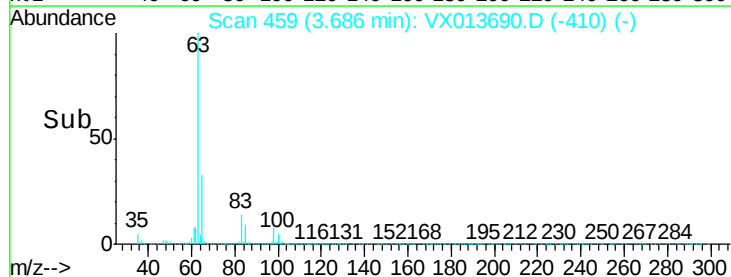
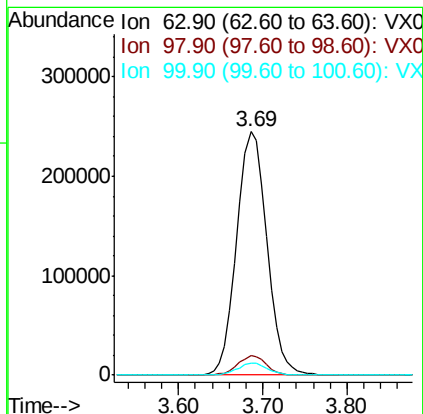
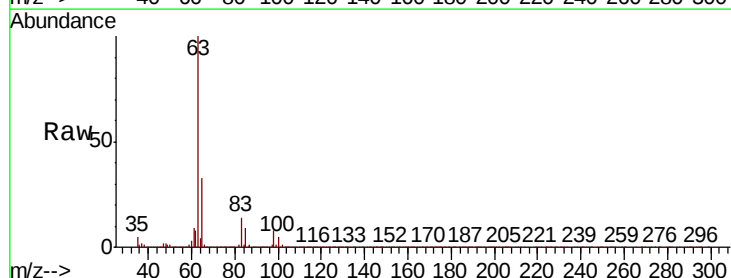
Tgt Ion: 63 Resp: 591974

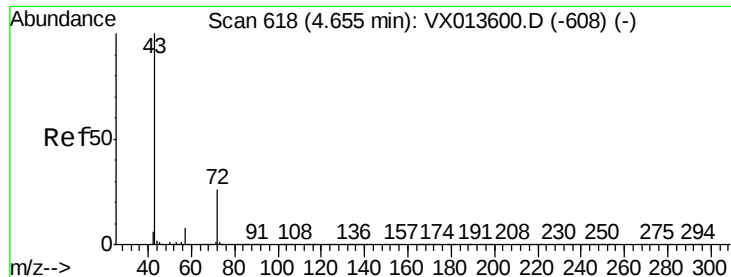
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

100 4.7 2.1 6.3





#25

2-Butanone

Concen: 230.246 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Tot Ion: 43 Resp: 1317461

Ion Ratio Lower Upper

43 100

72 26.4 20.6 31.0

Instrument :

MSVOA_X

ClientSampleId :

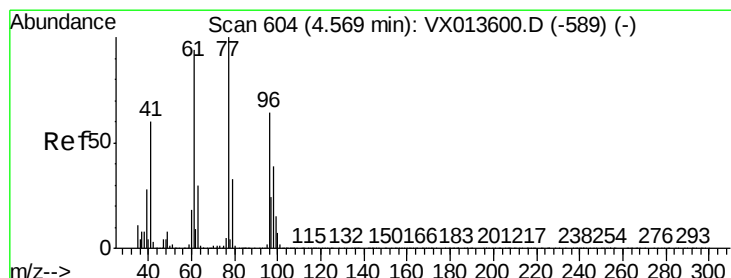
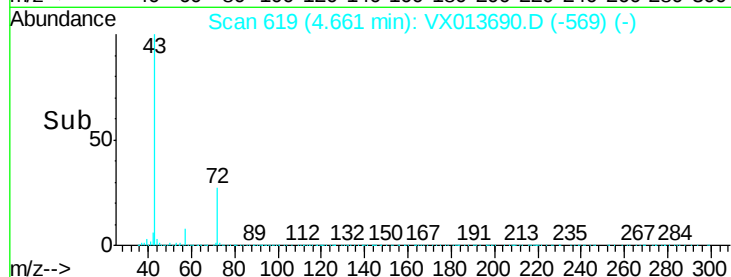
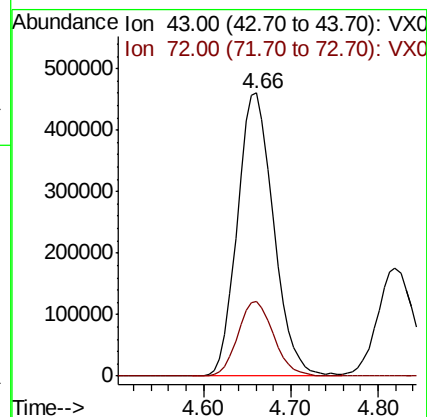
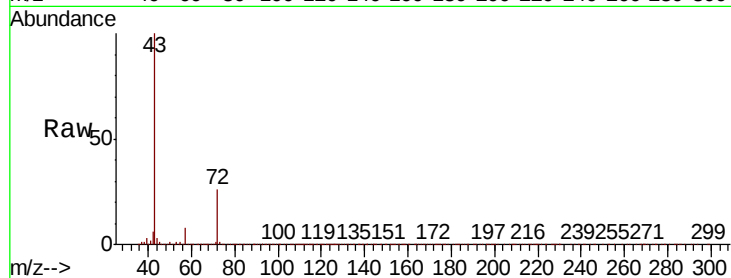
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 31.127 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013690.D

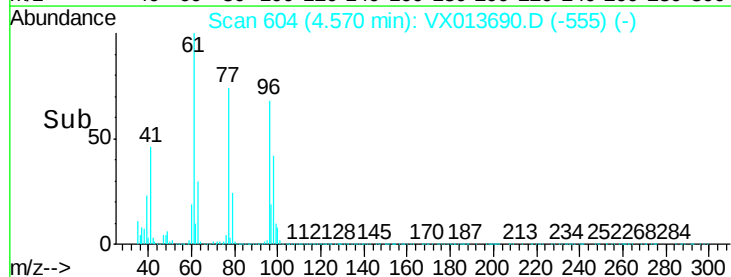
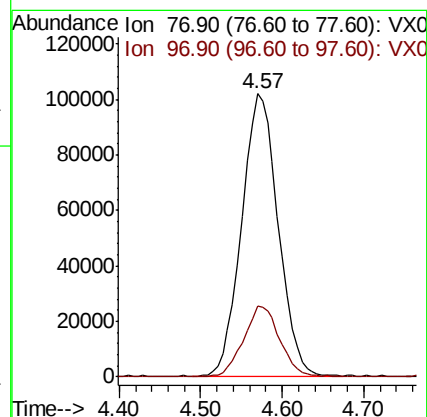
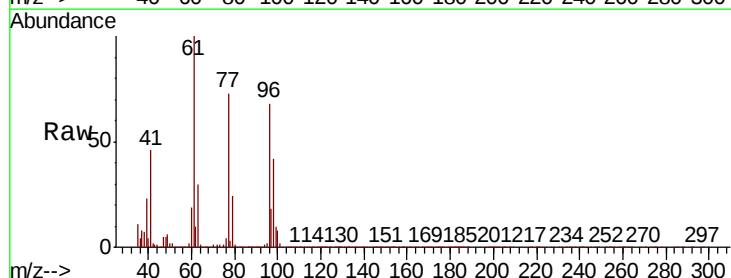
Acq: 28 Nov 2019 07:01

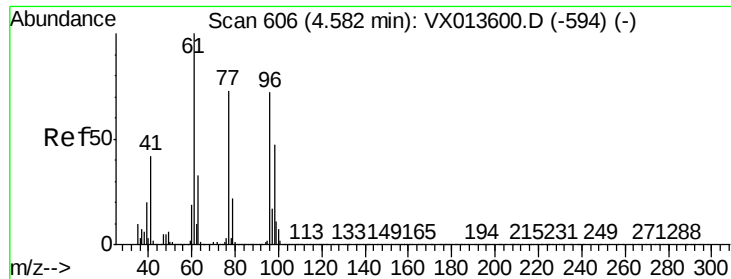
Tgt Ion: 77 Resp: 314535

Ion Ratio Lower Upper

77 100

97 25.3 12.0 36.1





#27

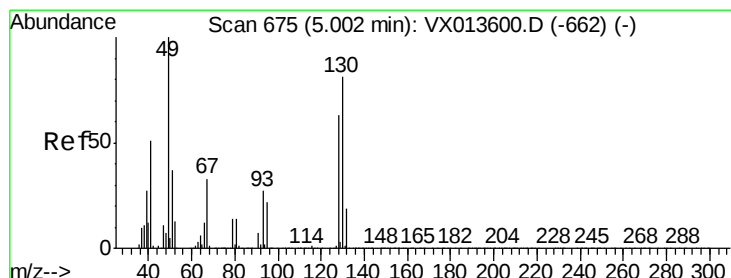
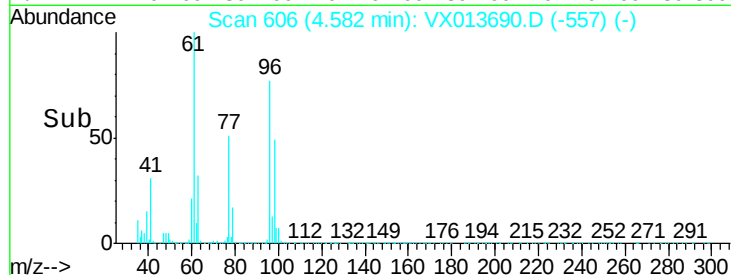
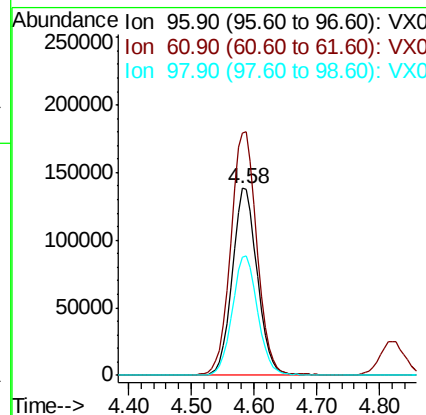
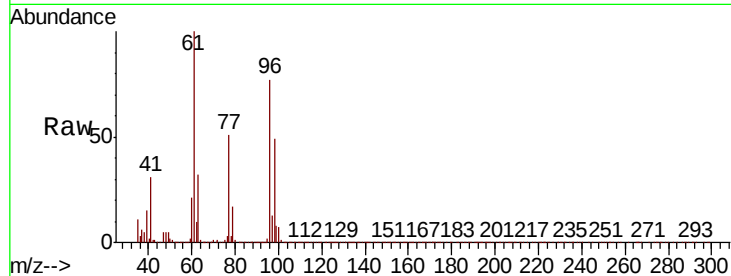
cis-1,2-Dichloroethene
Concen: 47.593 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.2	0.0	286.4
98	64.9	0.0	127.4

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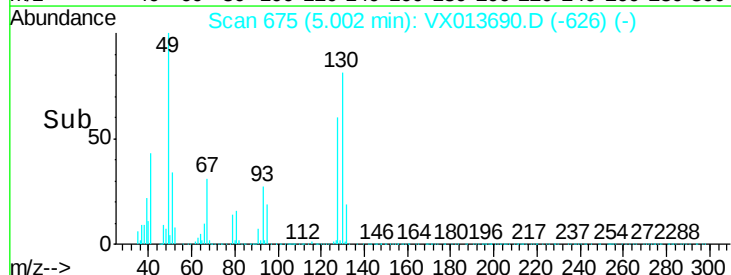
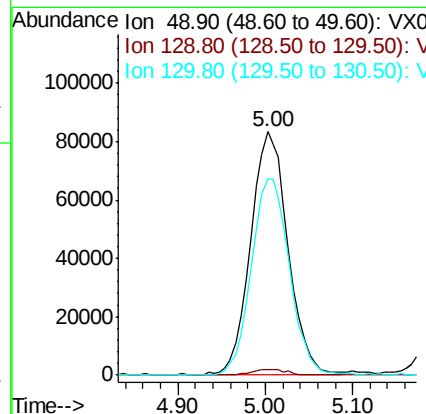
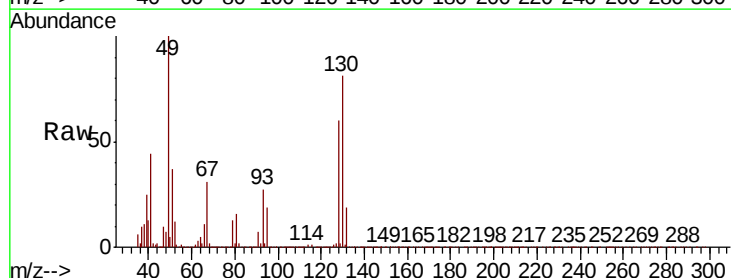
apatel
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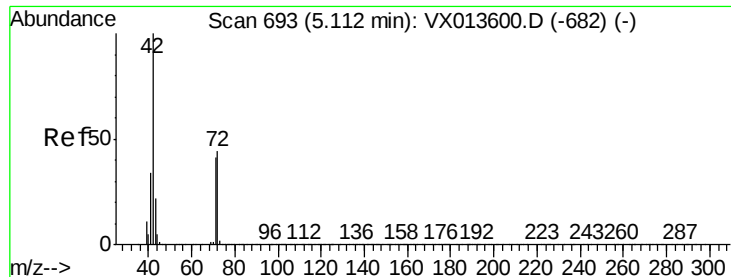


#28

Bromochloromethane
Concen: 50.936 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.0
130	83.0	65.4	98.0





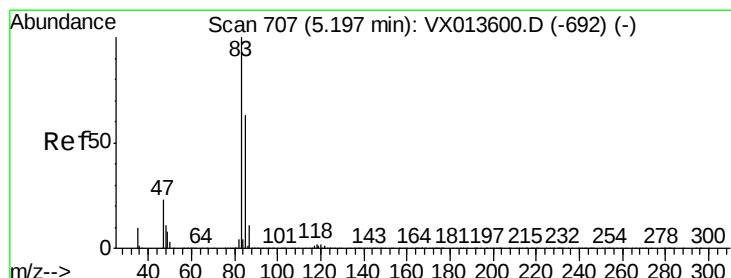
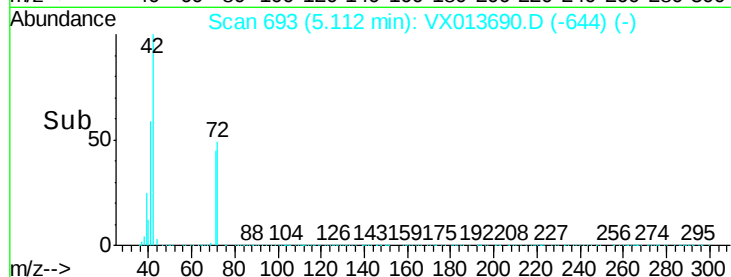
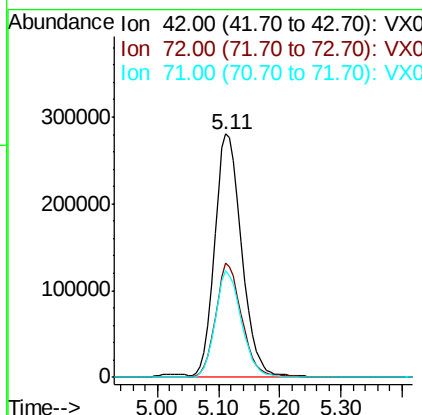
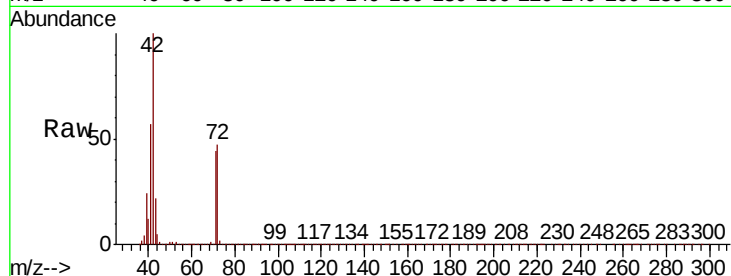
#29
Tetrahydrofuran
Concen: 244.144 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	36.3	54.5
71	42.3	33.2	49.8

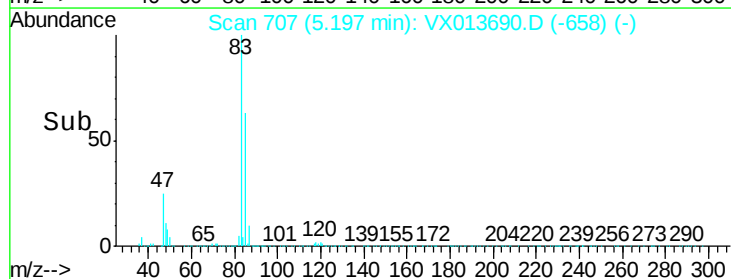
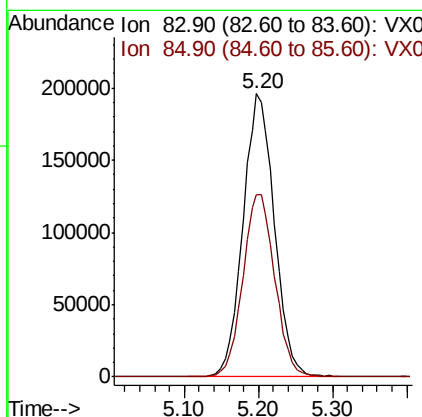
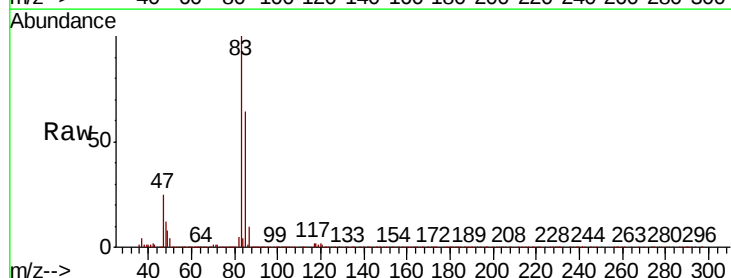
Manual Integrations
APPROVED

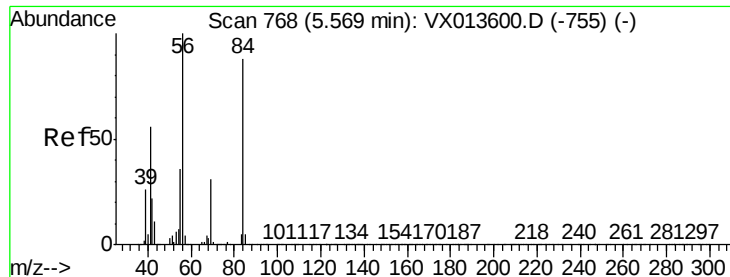
apatel
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#30
Chloroform
Concen: 46.546 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.2	75.4





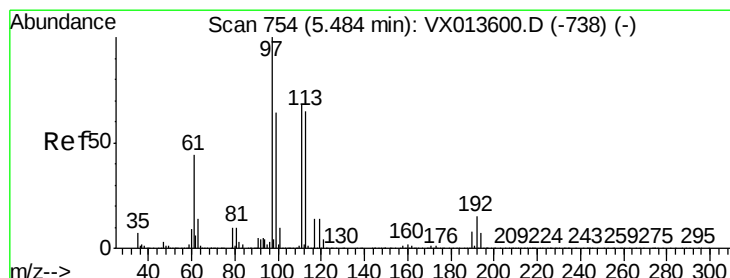
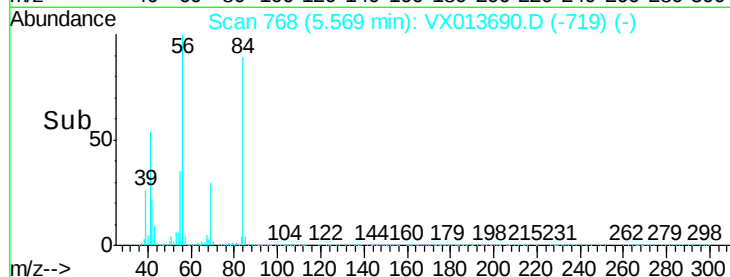
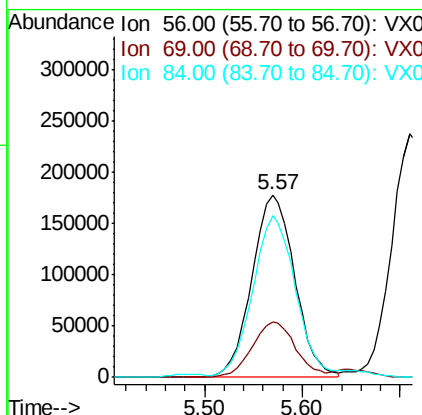
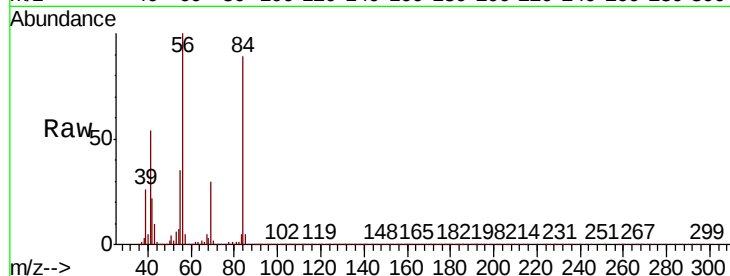
#31
Cyclohexane
Concen: 46.883 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.6	36.8
84	87.4	70.0	105.0

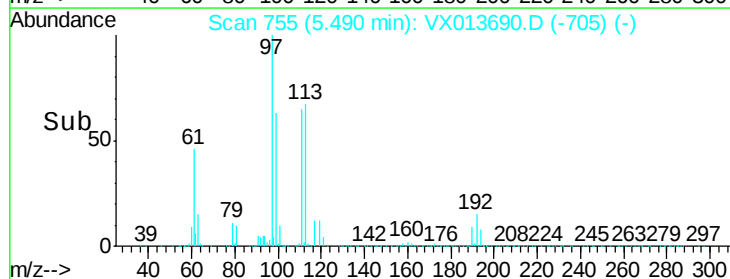
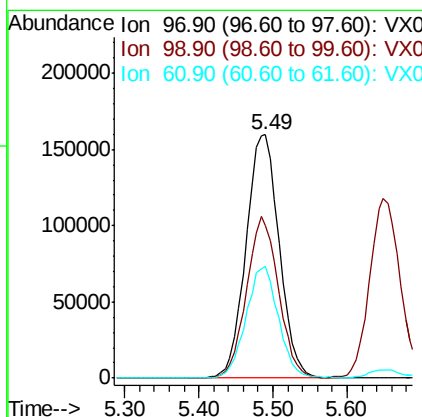
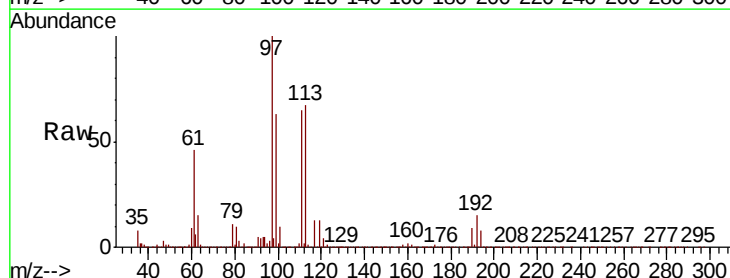
Manual Integrations
APPROVED

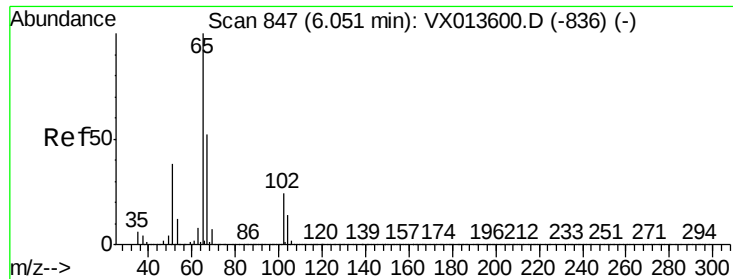
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#32
1,1,1-Trichloroethane
Concen: 48.096 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

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





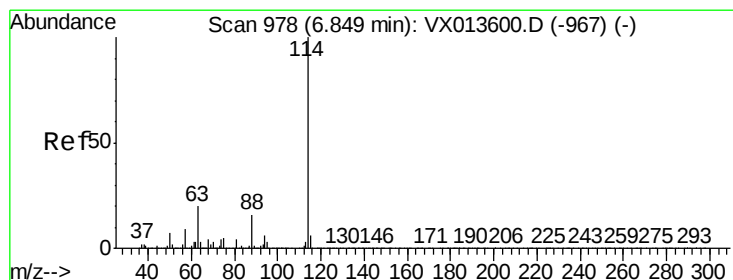
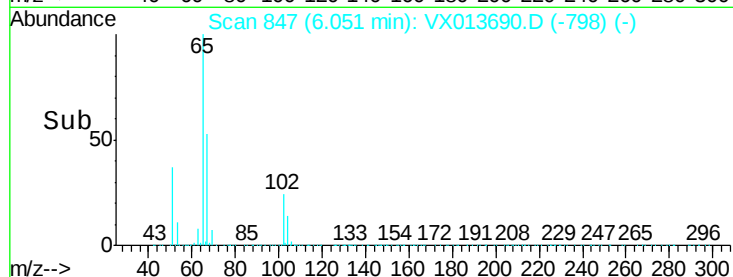
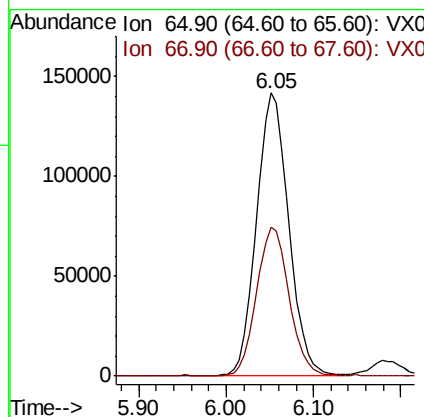
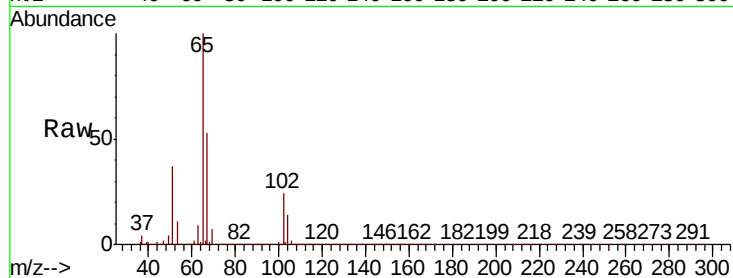
#33
 1,2-Dichloroethane-d4
 Concen: 46.742 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013690.D
 Acq: 28 Nov 2019 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.4

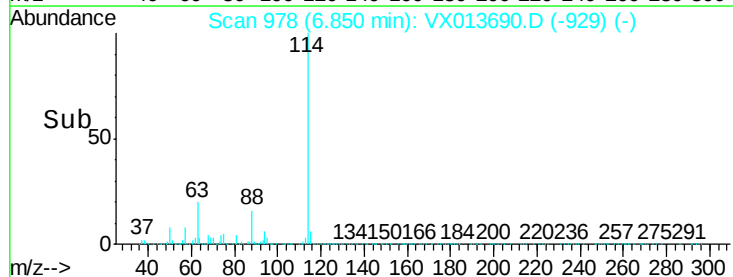
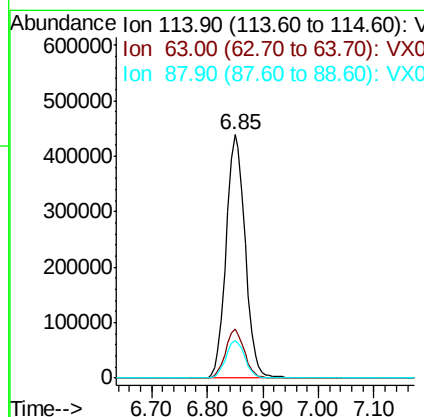
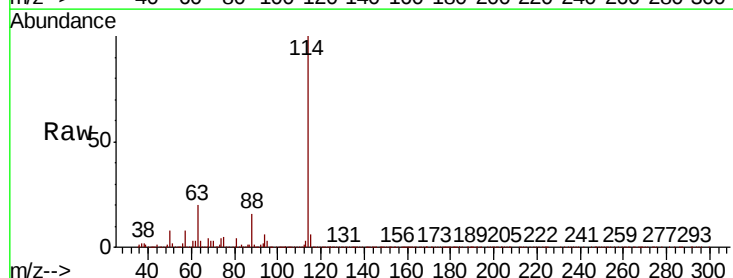
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013690.D
 Acq: 28 Nov 2019 07:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.6
88	15.6	0.0	31.4





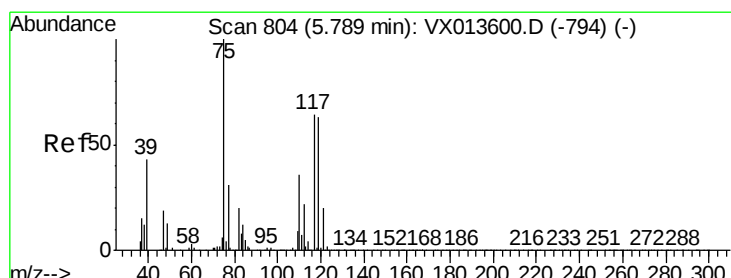
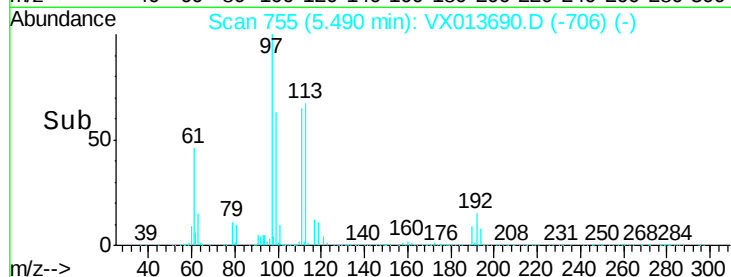
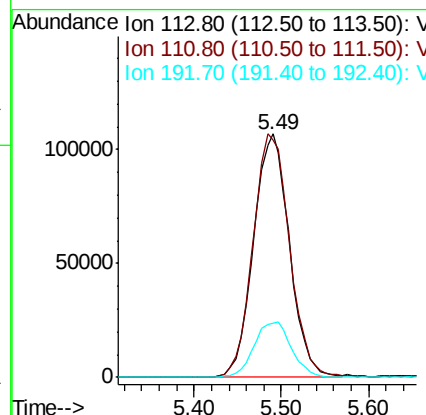
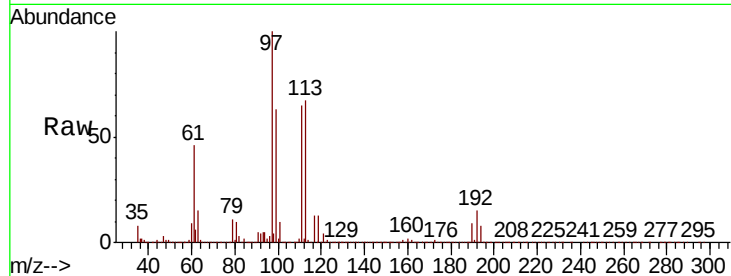
#35
Dibromofluoromethane
Concen: 47.202 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	304281		
111	102.3	83.6	125.4	
192	23.5	19.2	28.8	

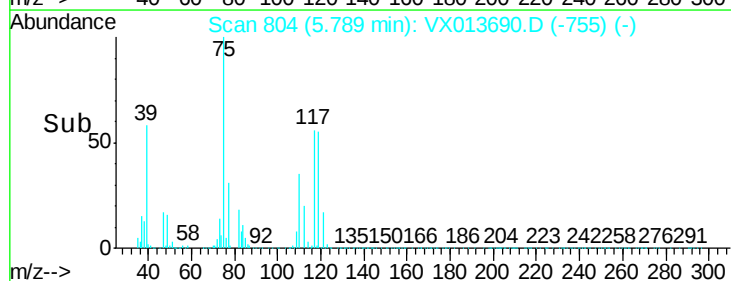
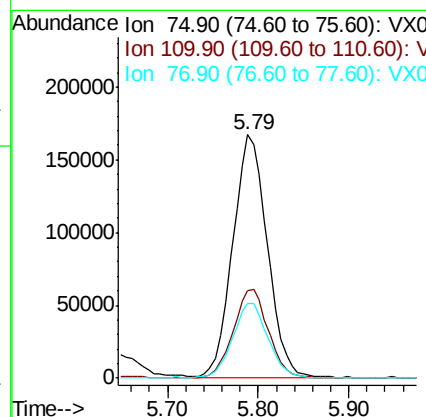
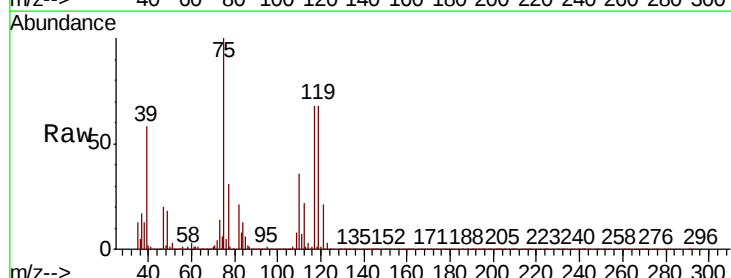
Manual Integrations
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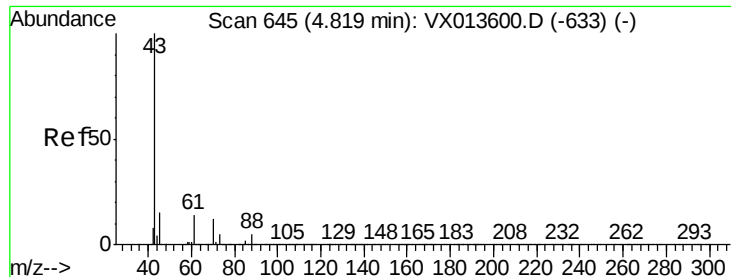
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#36
1,1-Dichloropropene
Concen: 46.404 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	439239		
110	37.1	18.1	54.1	
77	31.0	24.5	36.7	





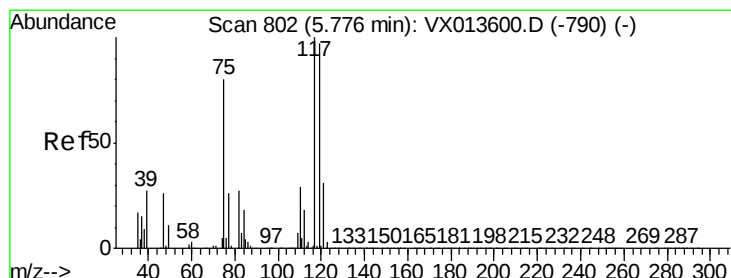
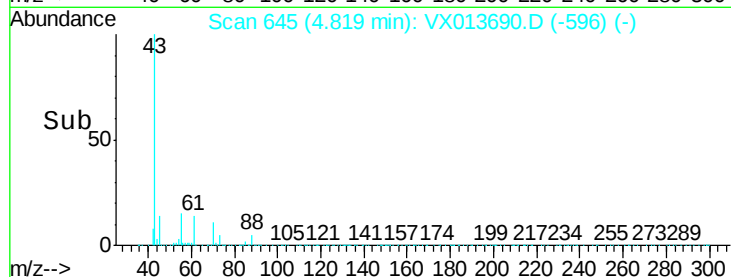
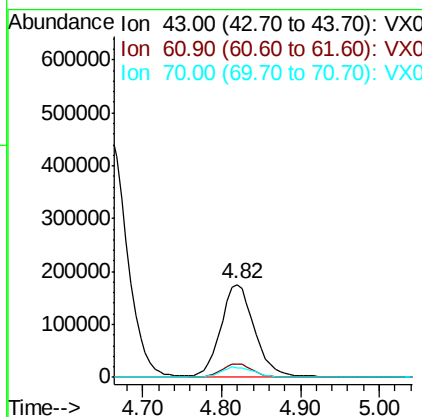
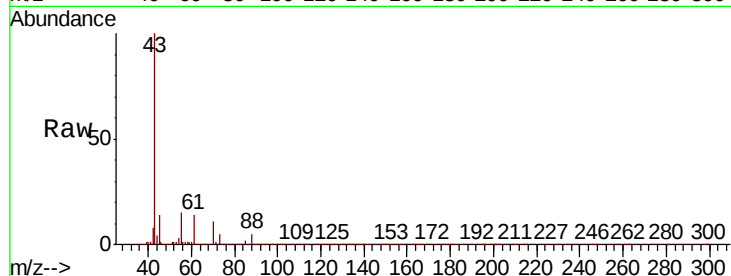
#37
Ethyl Acetate
Concen: 48.506 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	515085
Ion Ratio	Lower	Upper	
43	100		
61	13.6	11.0	16.4
70	10.6	8.6	12.8

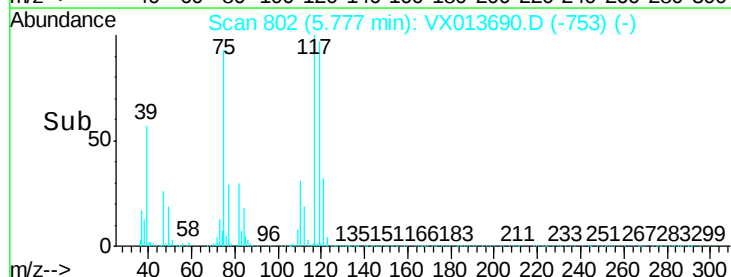
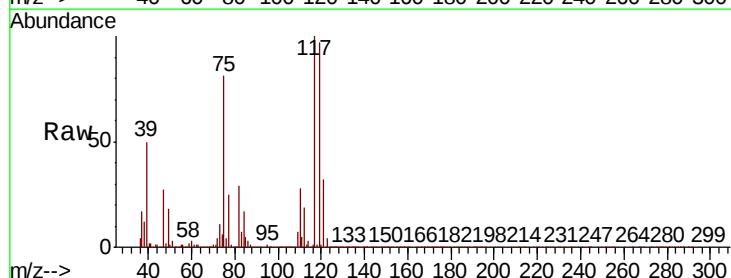
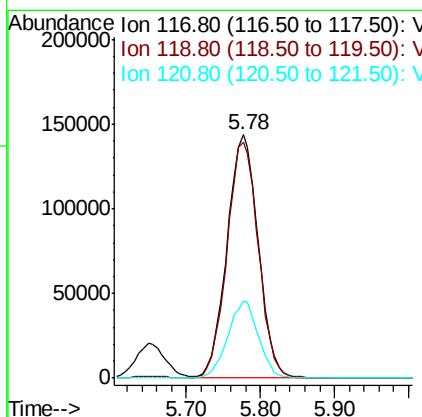
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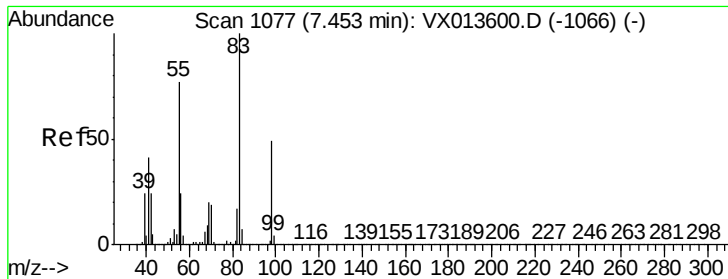
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#38
Carbon Tetrachloride
Concen: 48.220 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Tgt Ion	117	Resp	420866
Ion Ratio	Lower	Upper	
117	100		
119	96.7	77.5	116.3
121	31.5	25.0	37.6





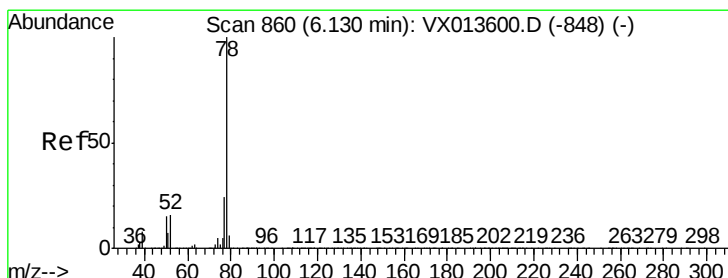
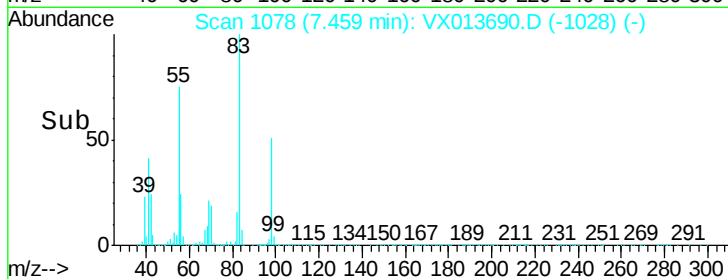
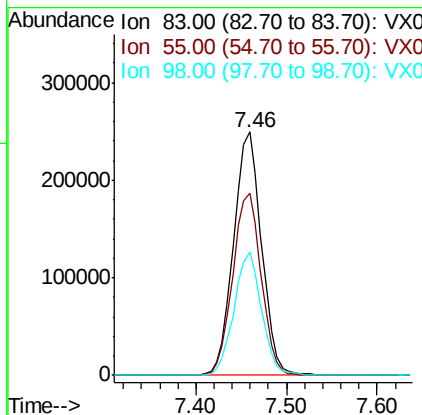
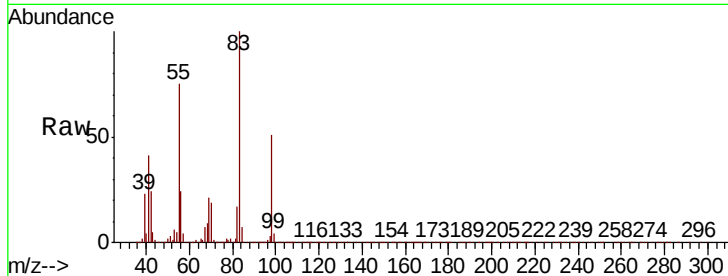
#39
Methvlcvclohexane
Concen: 45.682 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	61.9	92.9
98	50.8	39.4	59.0

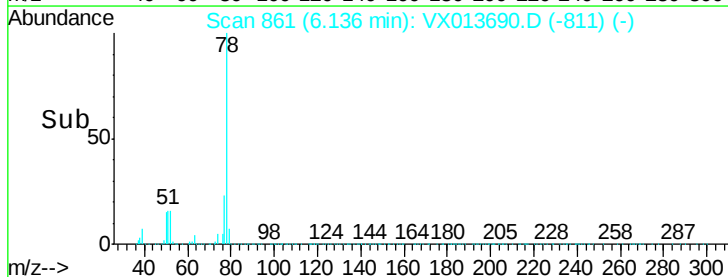
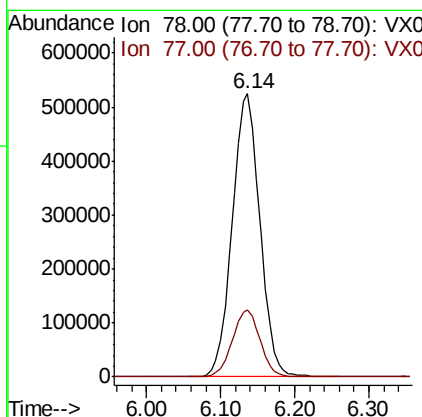
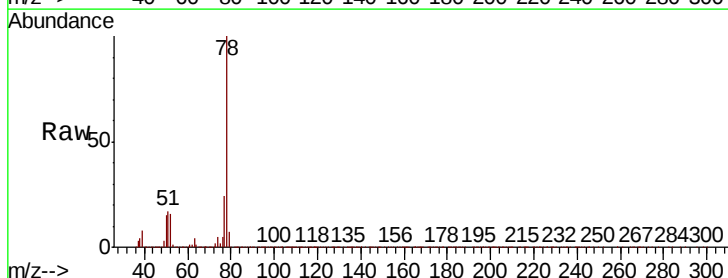
Manual Integrations
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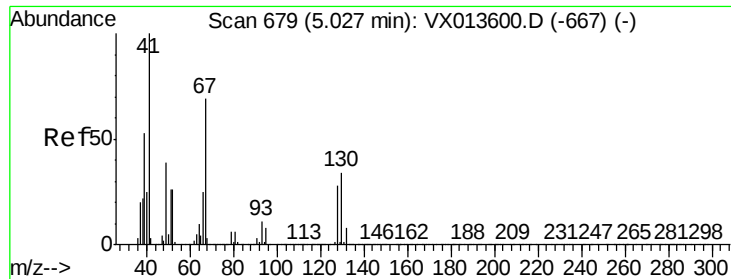
apatel
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#40
Benzene
Concen: 47.278 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





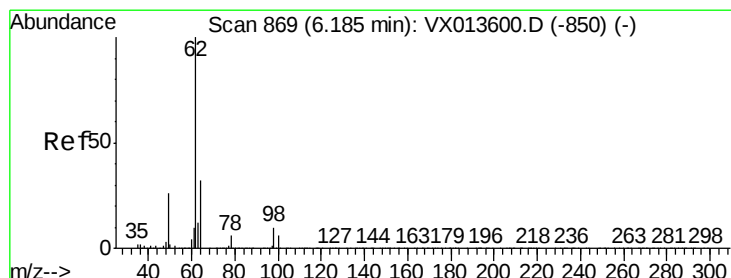
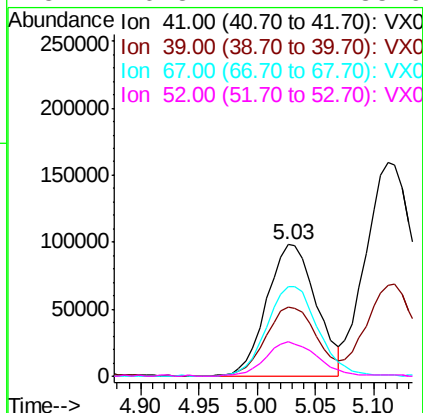
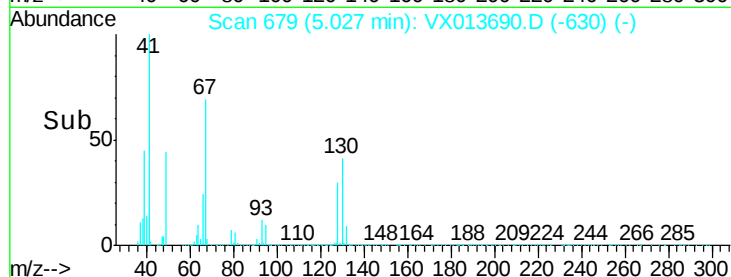
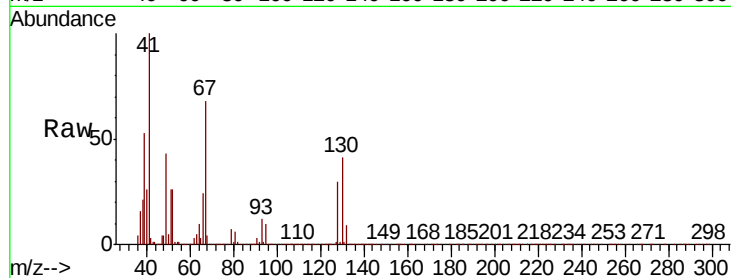
#41
Methacrylonitrile
Concen: 49.617 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.9	64.3
67	70.3	57.4	86.0
52	26.8	22.4	33.6

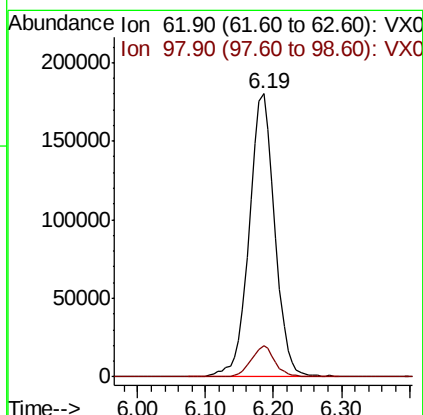
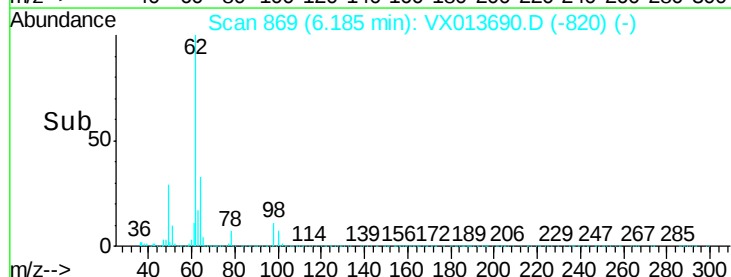
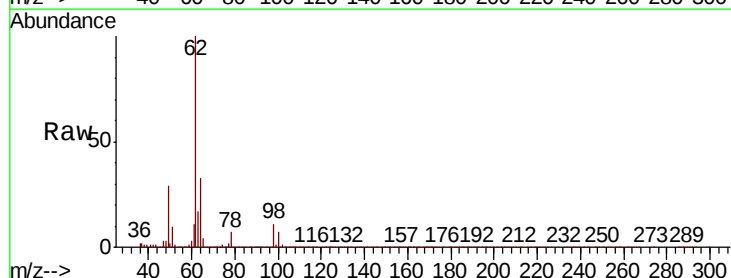
Manual Integrations
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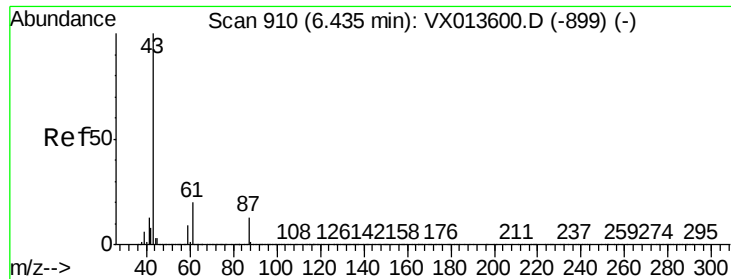
apatel
12/2/2019 3:17:45 PM



#42
1,2-Dichloroethane
Concen: 48.238 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.8





#43

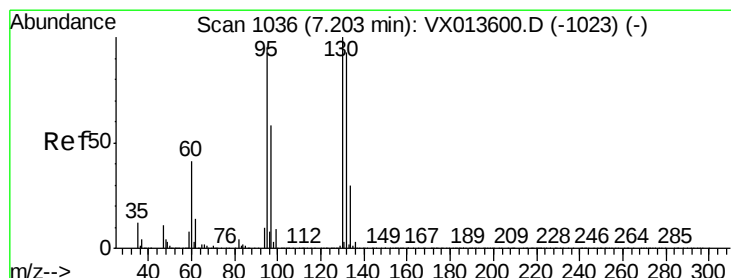
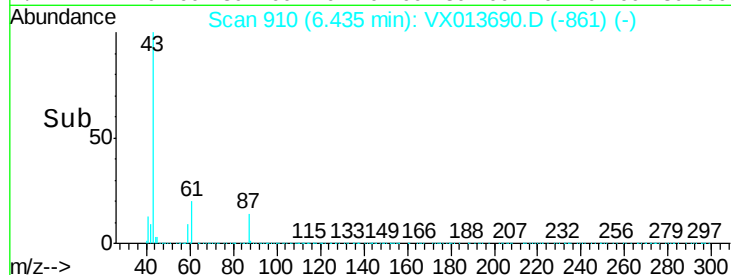
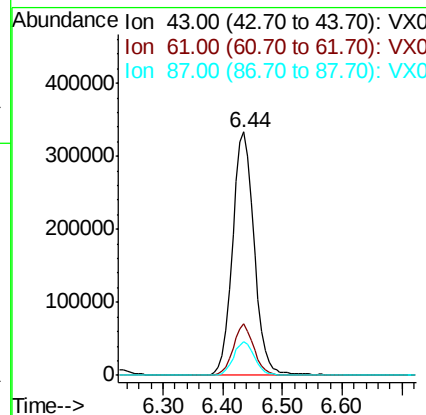
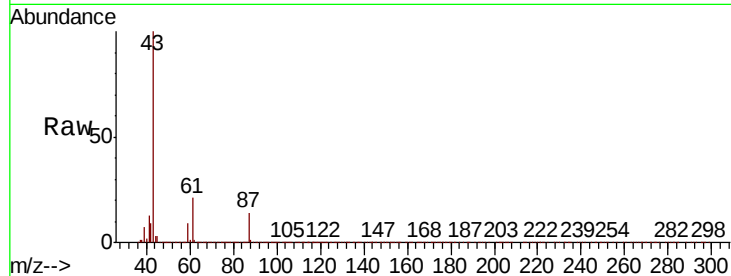
Isopropyl Acetate
 Concen: 47.930 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013690.D
 Acq: 28 Nov 2019 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	837922
Ion Ratio	100	Lower	Upper
43	100		
61	20.2	16.3	24.5
87	13.4	10.8	16.2

Manual Integrations
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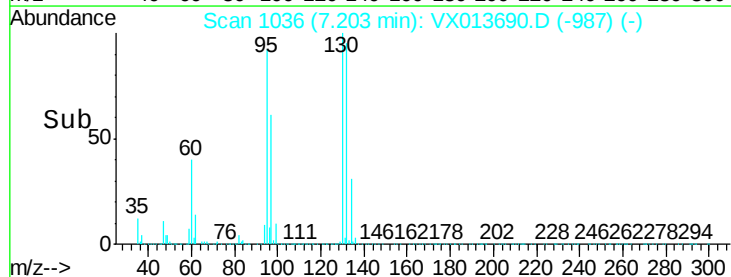
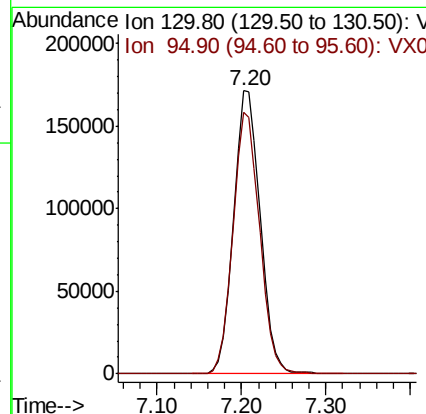
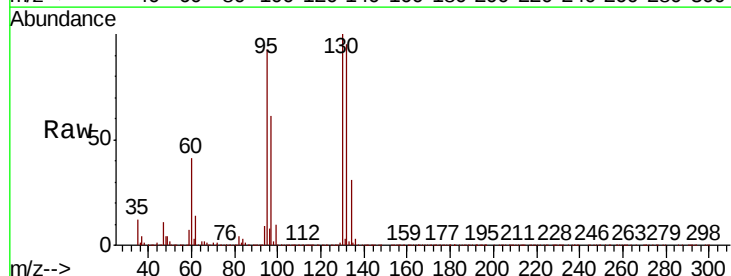
apatel
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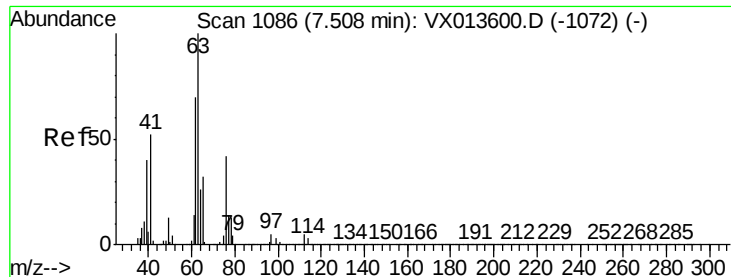


#44

Trichloroethene
 Concen: 46.409 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013690.D
 Acq: 28 Nov 2019 07:01

Tgt Ion	130	Resp	367192
Ion Ratio	100	Lower	Upper
130	100		
95	92.5	0.0	190.8





#45

1,2-Dichloropropane

Concen: 48.724 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 351445

Ion Ratio Lower Upper

63 100

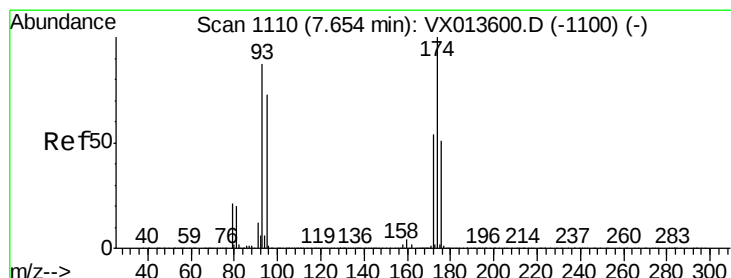
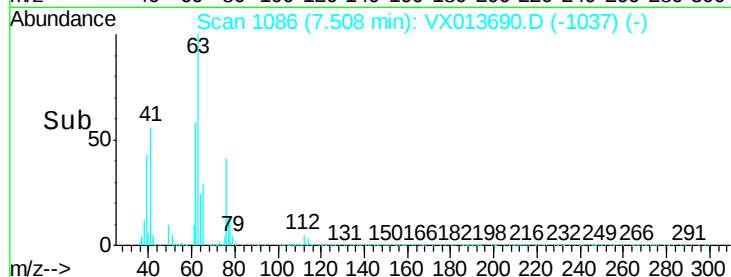
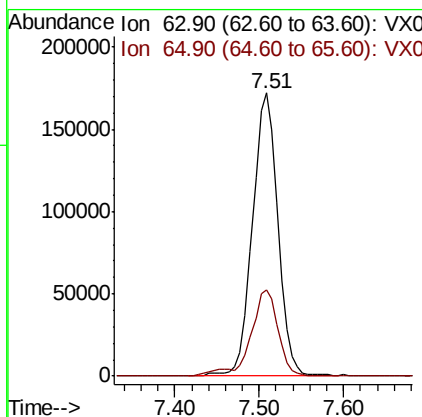
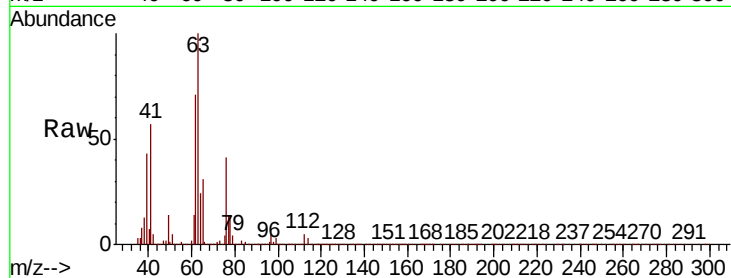
65 30.3 25.5 38.3

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#46

Dibromomethane

Concen: 47.304 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

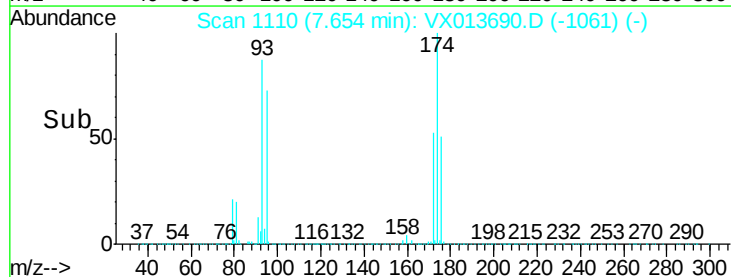
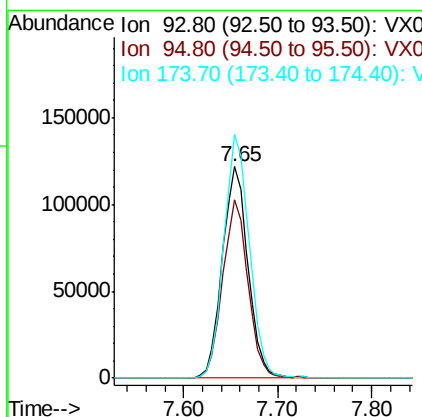
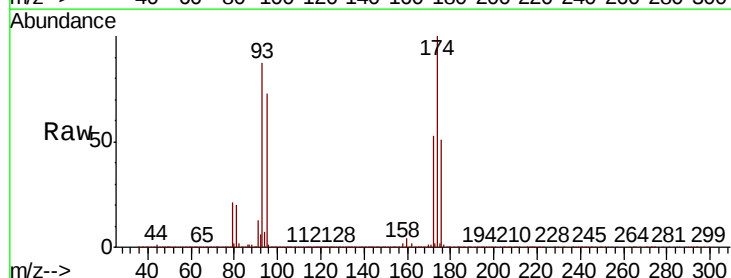
Tgt Ion: 93 Resp: 231734

Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.2

174 114.5 93.4 140.0





#47

Bromodichloromethane

Concen: 48.340 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

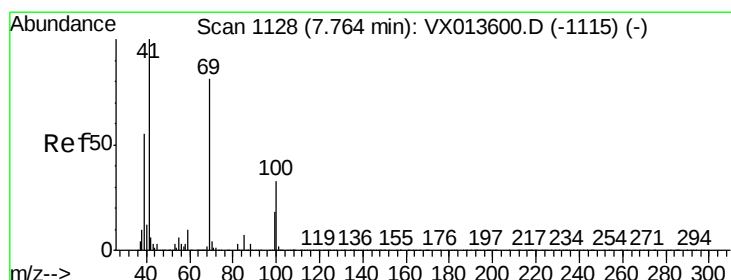
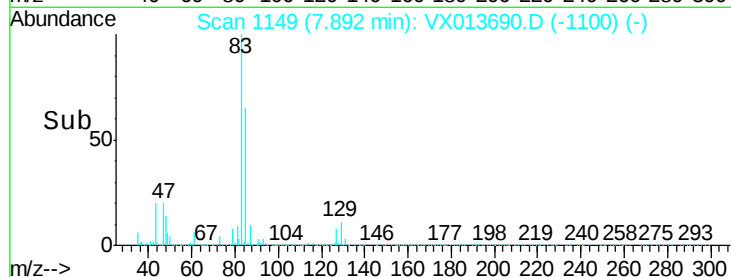
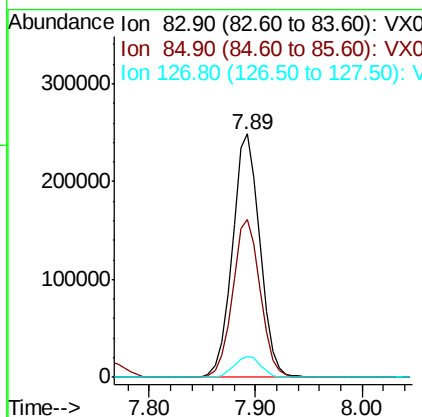
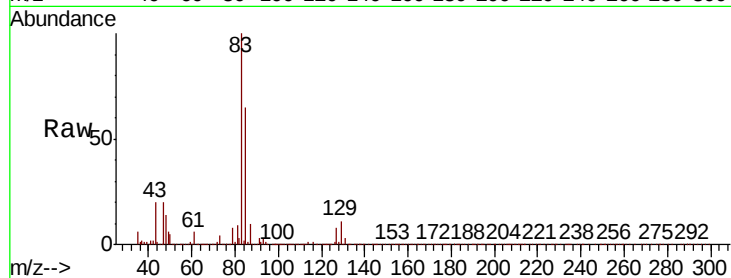
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	447678
Ion Ratio	Lower	Upper	
83	100		
85	64.8	52.1	78.1
127	8.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 48.808 ug/l

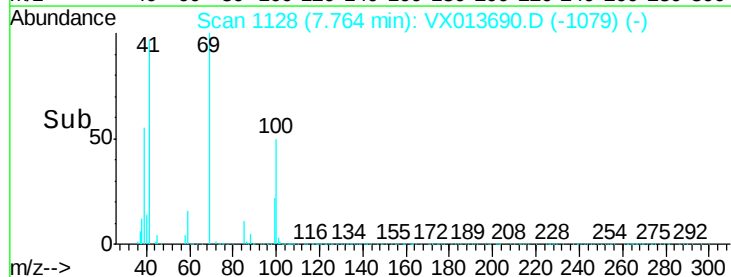
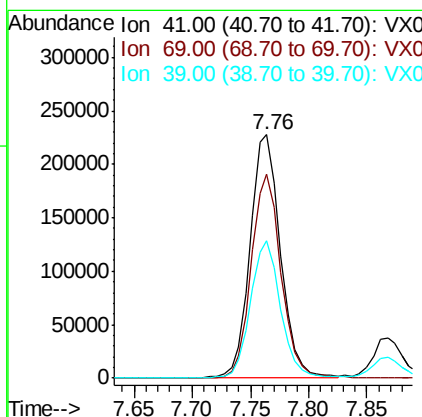
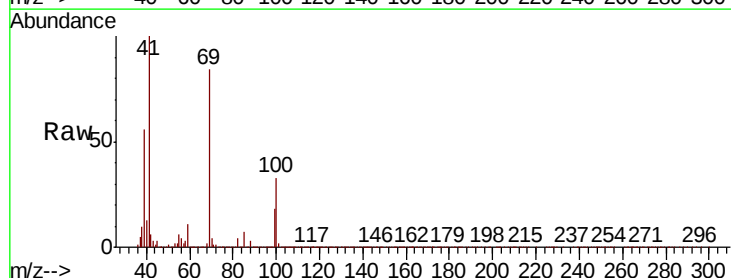
RT: 7.76 min Scan# 1128

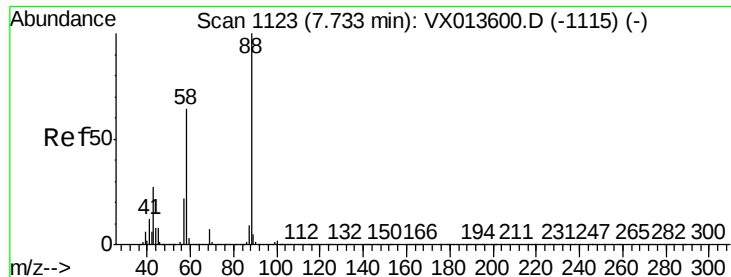
Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Tgt Ion:	41	Resp:	414581
Ion Ratio	Lower	Upper	
41	100		
69	82.8	64.7	97.1
39	56.1	43.8	65.6





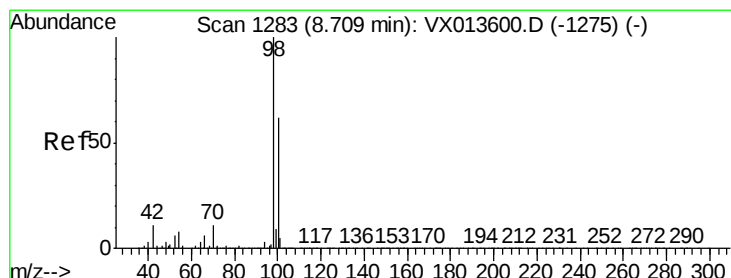
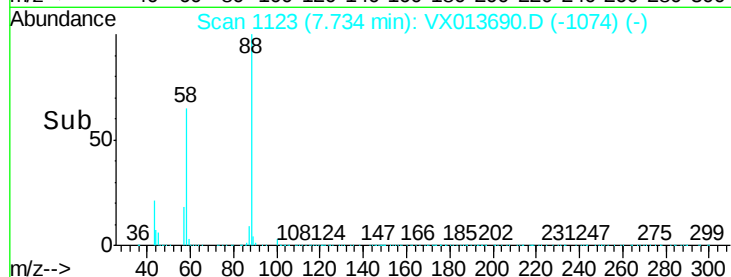
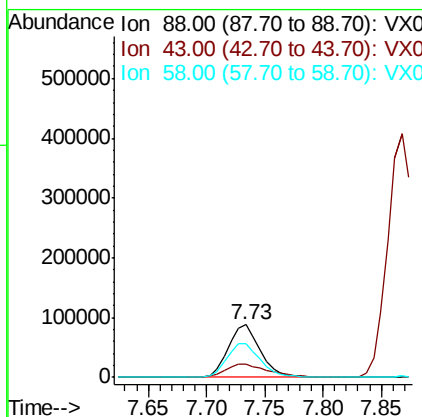
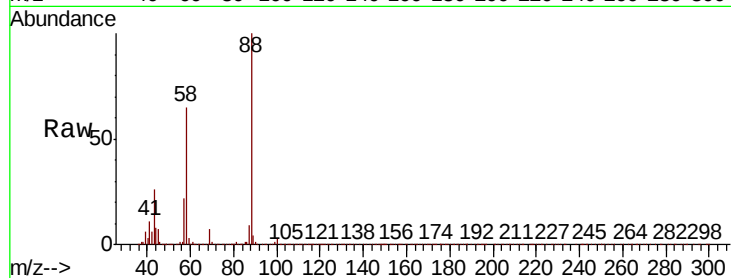
#49
1,4-Dioxane
Concen: 855.588 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	162674
Ion	Ratio	Lower	Upper
88	100		
43	32.8	25.8	38.6
58	70.3	54.6	82.0

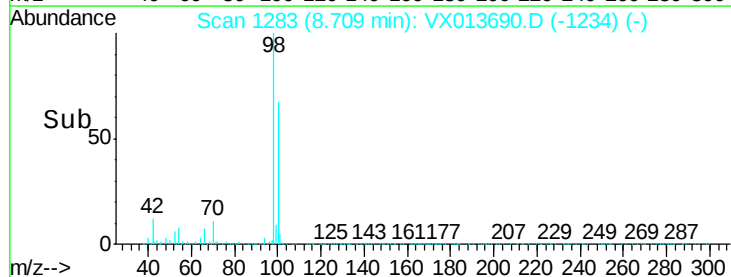
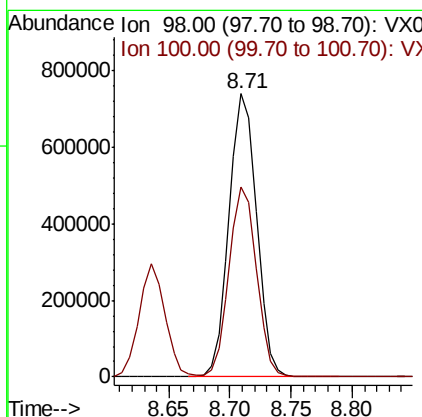
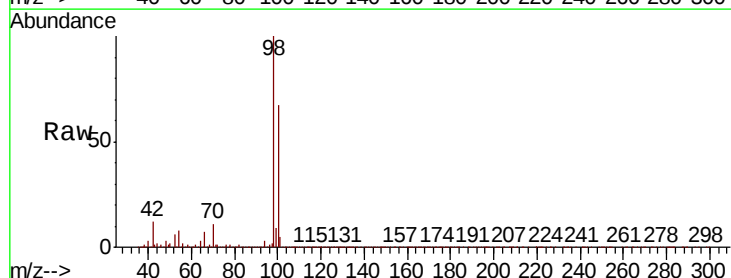
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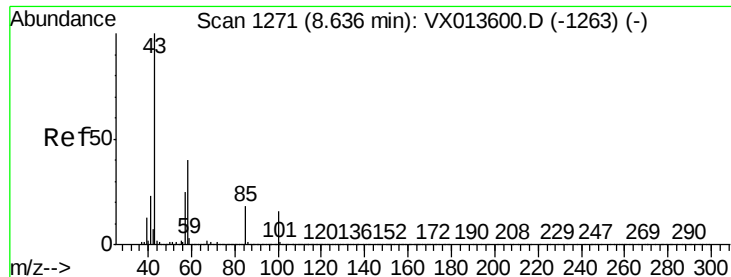
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#50
Toluene-d8
Concen: 45.971 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Tgt Ion	98	Resp	1154617
Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 238.777 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2625740

Ion Ratio Lower Upper

43 100

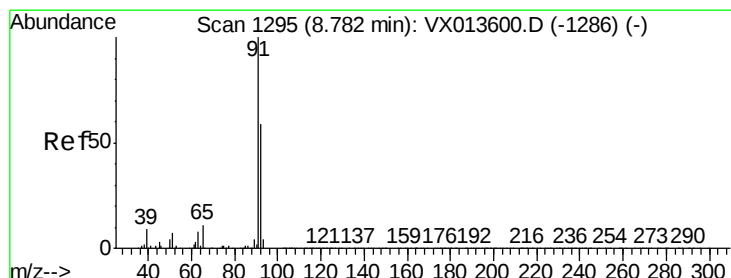
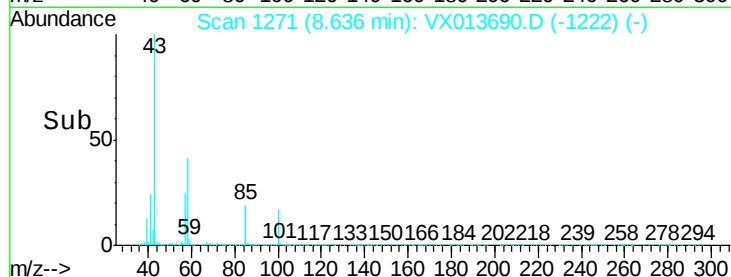
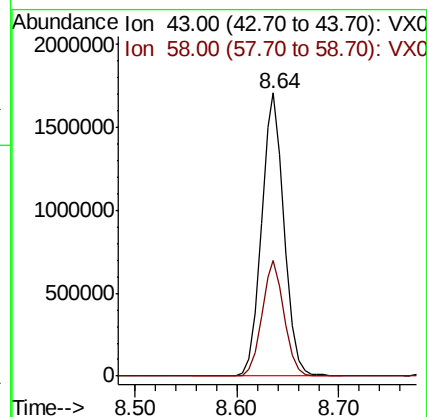
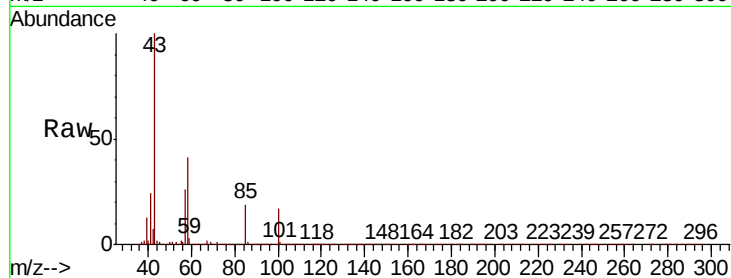
58 40.1 32.1 48.1

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12/2/2019 3:17:45 PM



#52

Toluene

Concen: 47.682 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013690.D

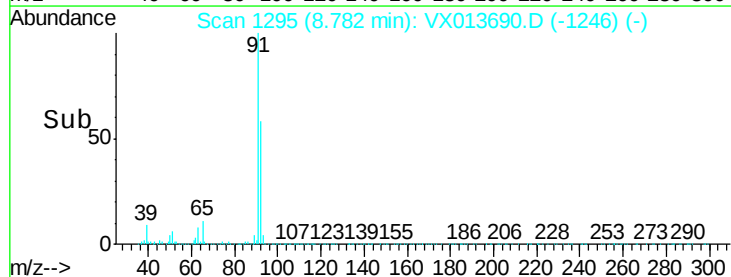
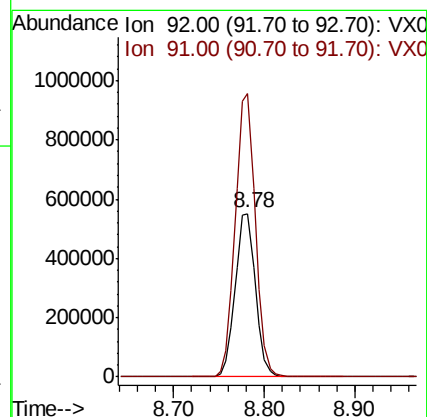
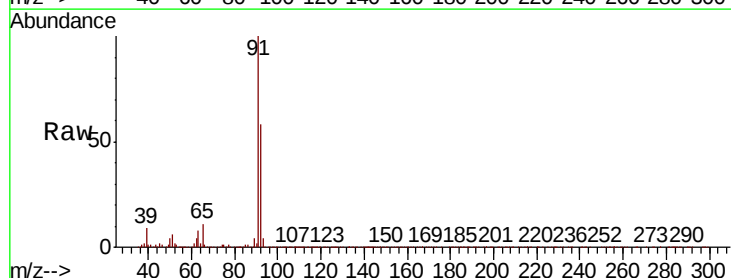
Acq: 28 Nov 2019 07:01

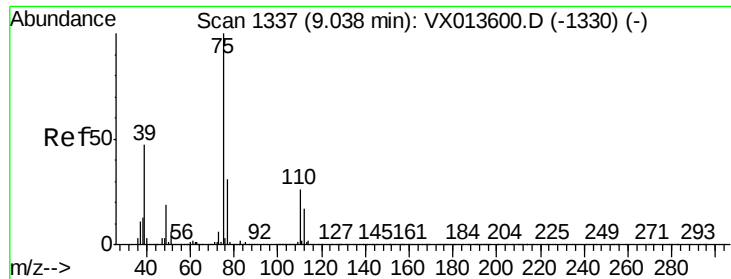
Tgt Ion: 92 Resp: 853966

Ion Ratio Lower Upper

92 100

91 171.8 136.2 204.2





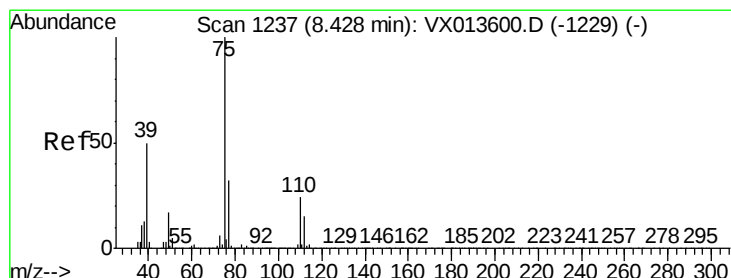
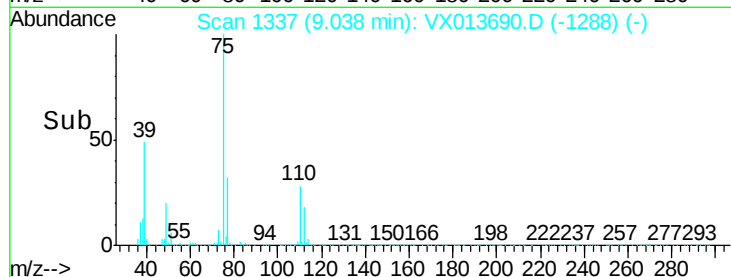
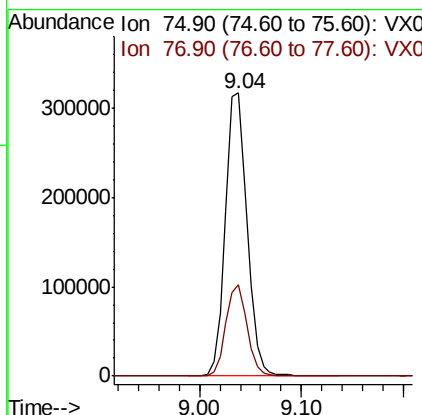
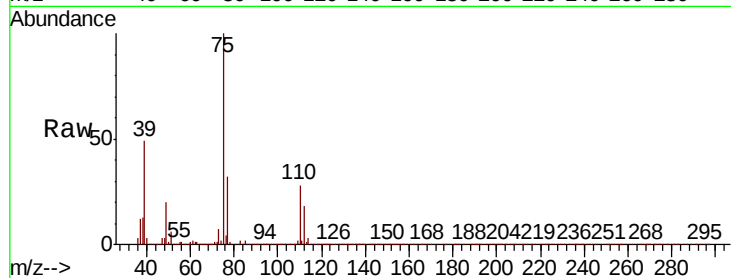
#53
t-1,3-Dichloropropene
Concen: 44.067 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.4	36.6

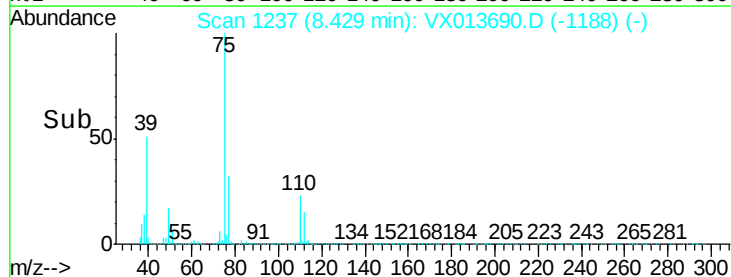
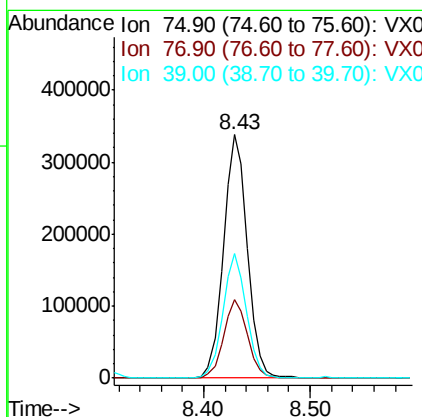
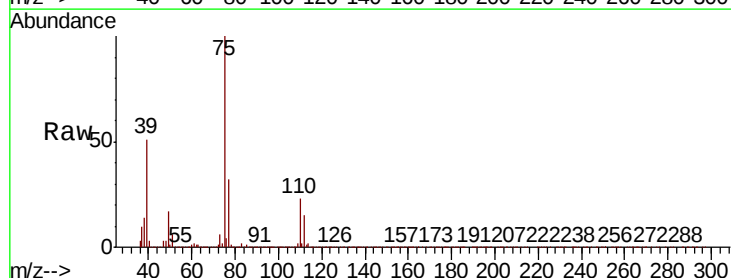
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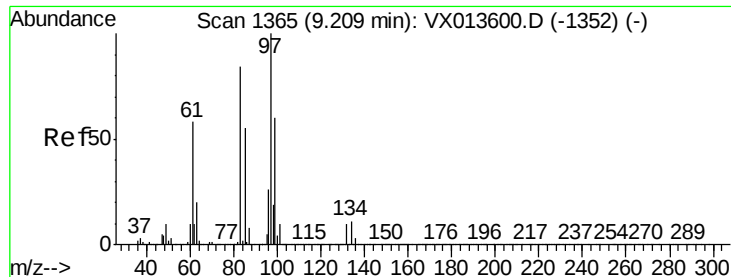
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12/2/2019 3:17:45 PM



#54
cis-1,3-Dichloropropene
Concen: 45.659 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.6
39	51.1	39.9	59.9





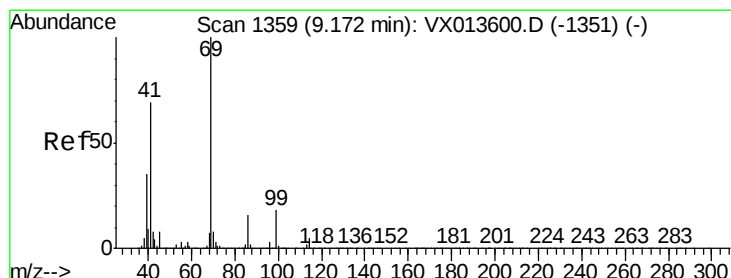
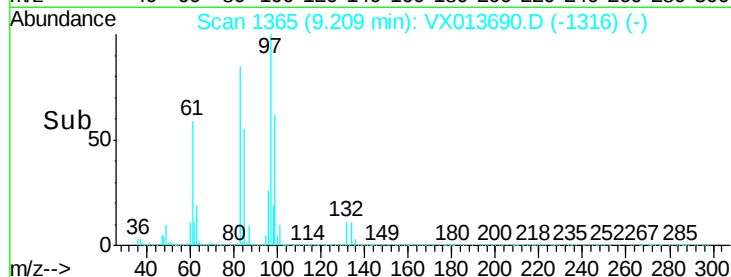
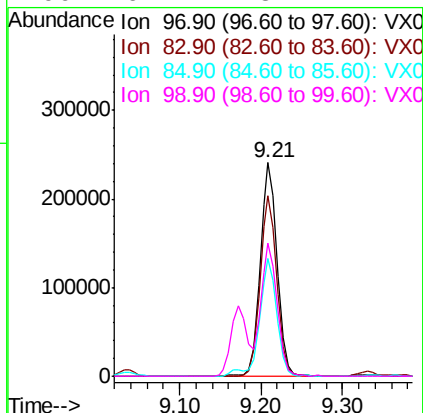
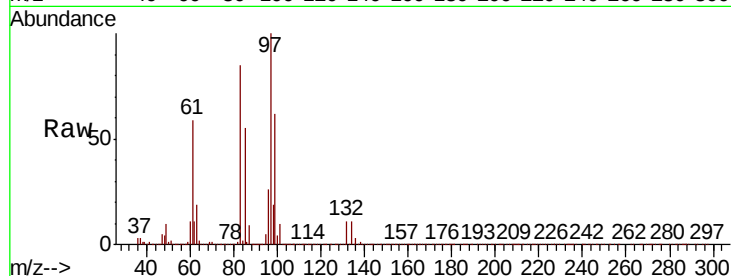
#55
 1,1,2-Trichloroethane
 Concen: 48.822 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013690.D
 Acq: 28 Nov 2019 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		352360		
83	84.5	67.3	100.9		
85	55.0	43.6	65.4		
99	62.1	48.2	72.4		

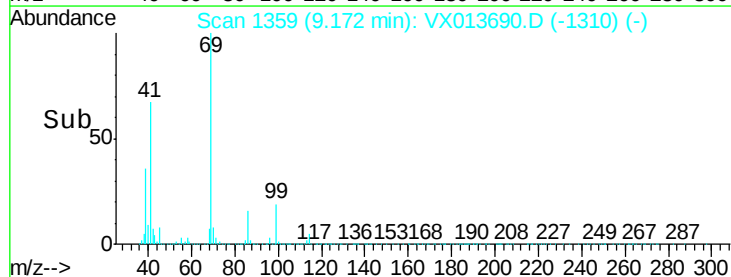
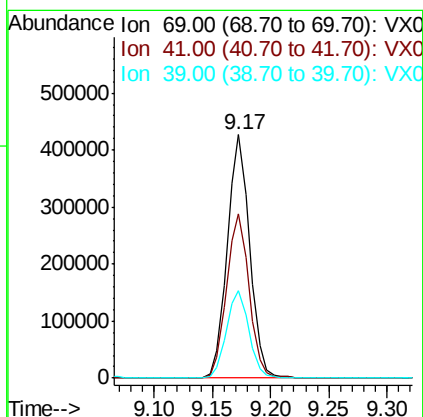
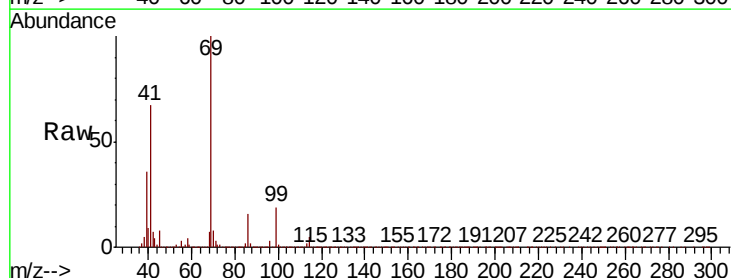
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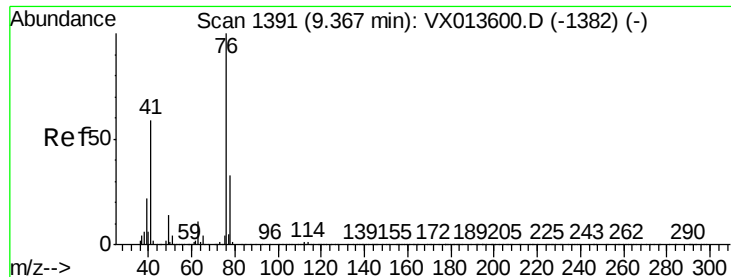
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#56
 Ethyl methacrylate
 Concen: 49.216 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013690.D
 Acq: 28 Nov 2019 07:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		571081		
41	67.7	55.0	82.4		
39	36.0	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 47.181 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 586943

Ion Ratio Lower Upper

76 100

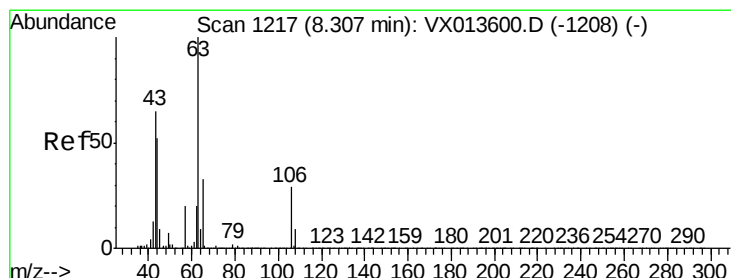
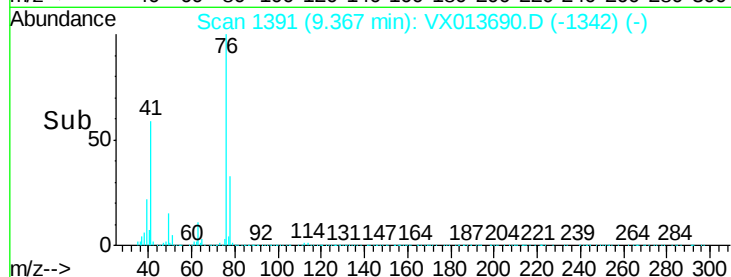
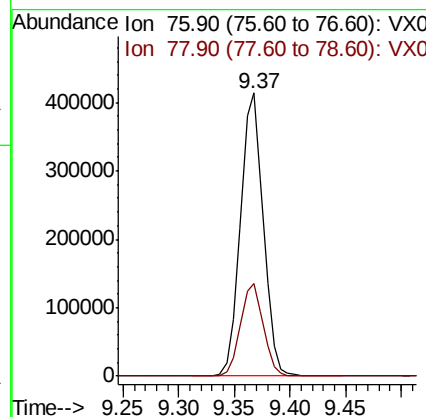
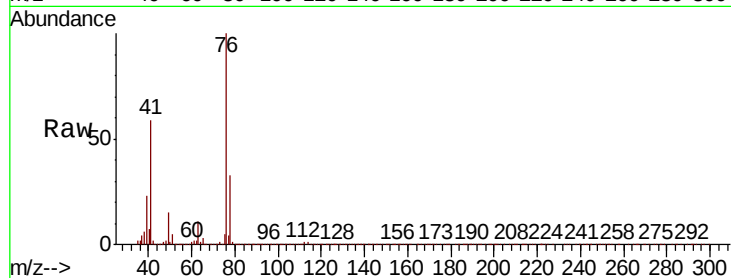
78 32.9 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 242.659 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013690.D

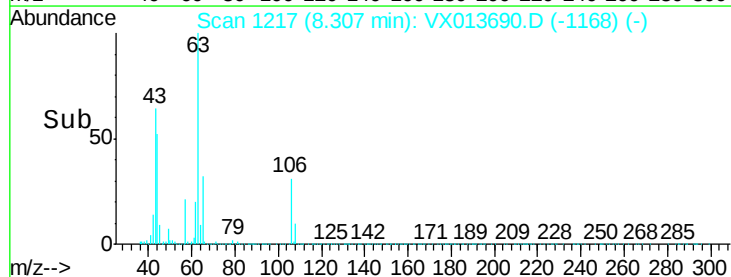
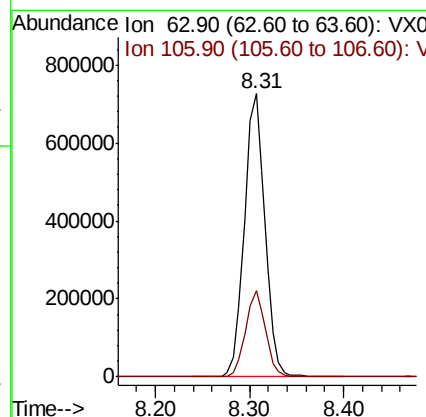
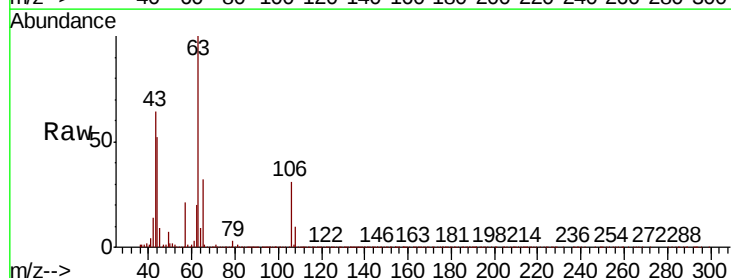
Acq: 28 Nov 2019 07:01

Tgt Ion: 63 Resp: 1103967

Ion Ratio Lower Upper

63 100

106 29.5 23.4 35.0





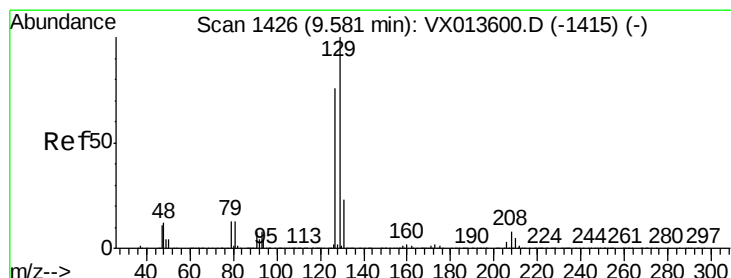
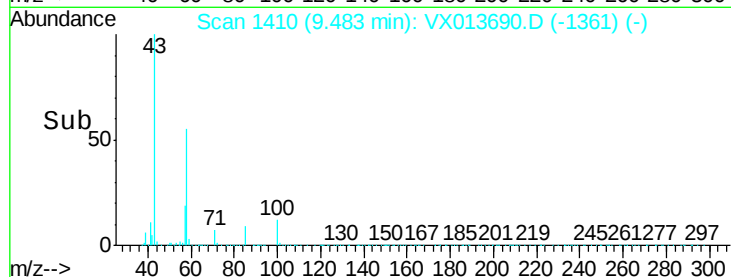
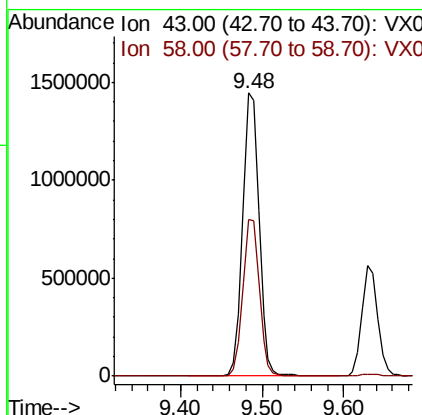
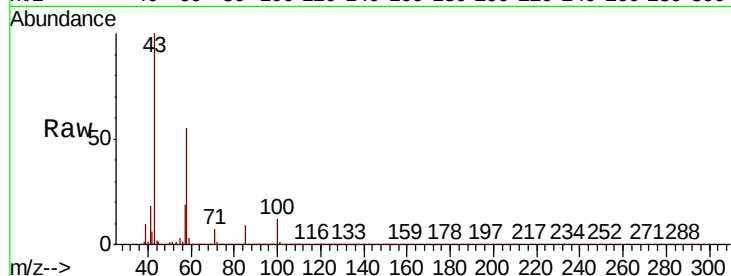
#59
2-Hexanone
Concen: 233.518 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2002782
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.4

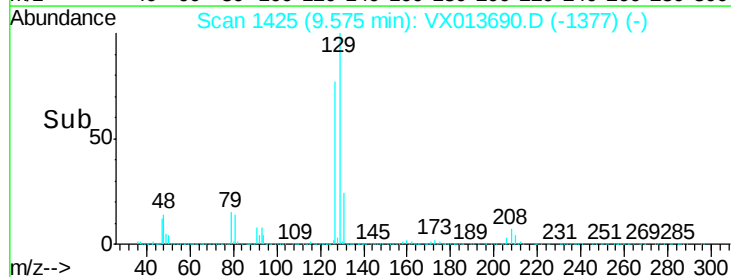
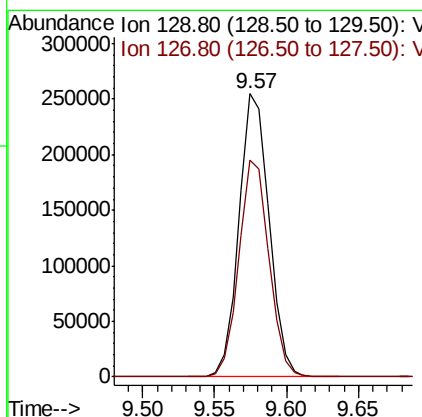
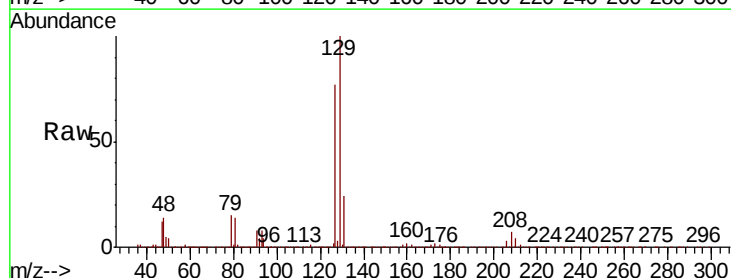
Manual Integrations
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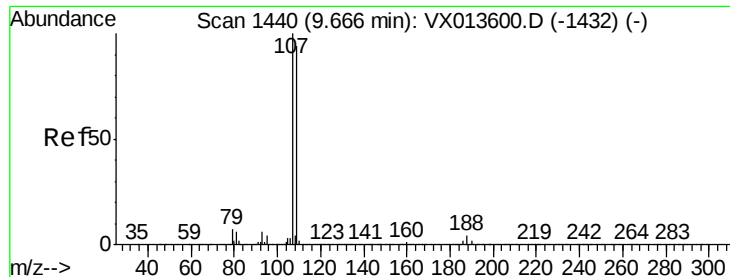
apatel
12/2/2019 3:17:45 PM



#60
Dibromochloromethane
Concen: 49.395 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Tgt Ion: 129 Resp: 369972
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 47.836 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 368735

Ion Ratio Lower Upper

107 100

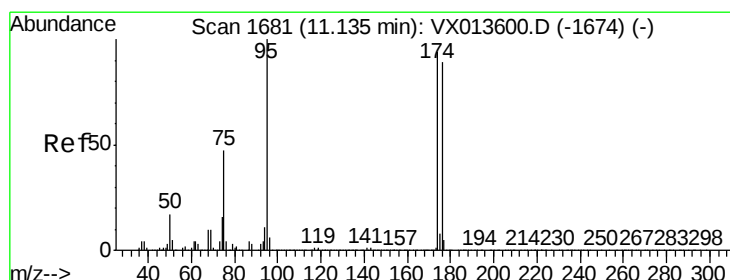
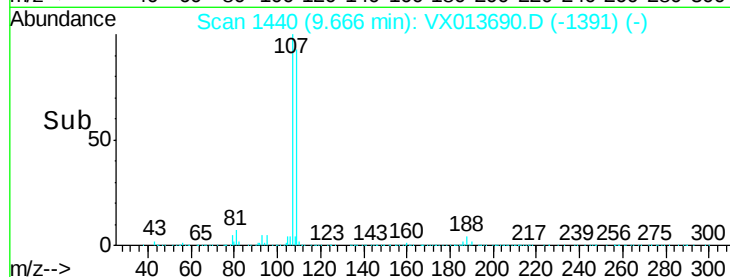
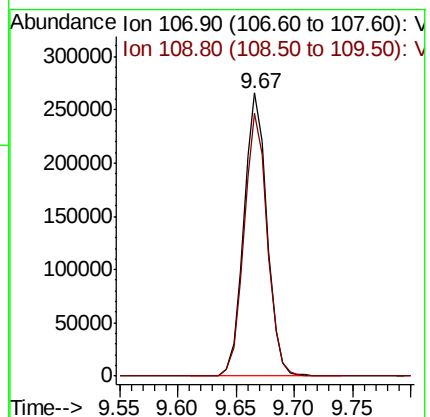
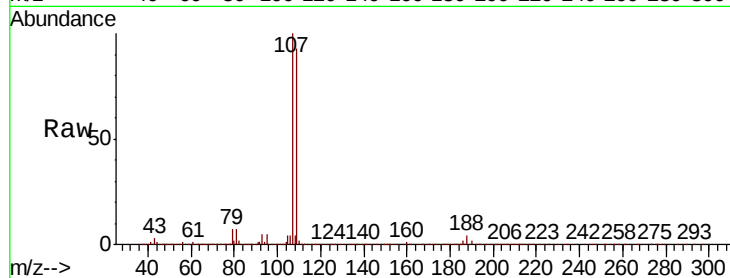
109 93.4 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 45.868 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

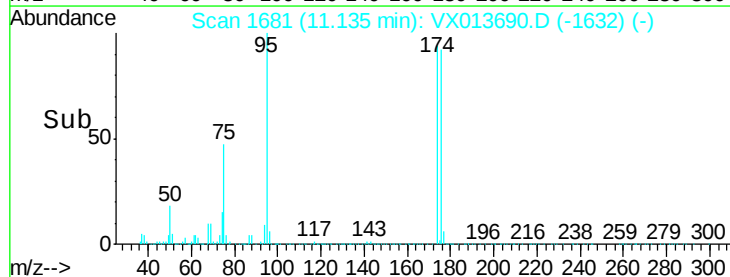
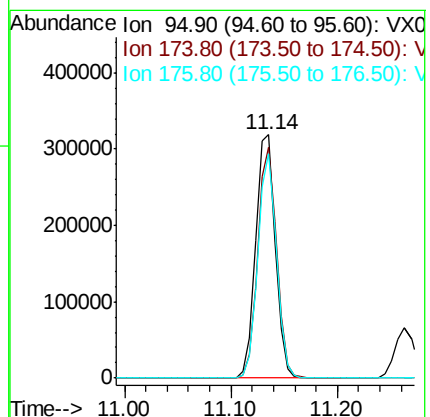
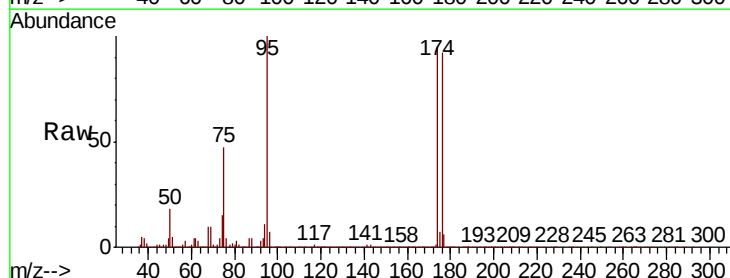
Tgt Ion: 95 Resp: 415417

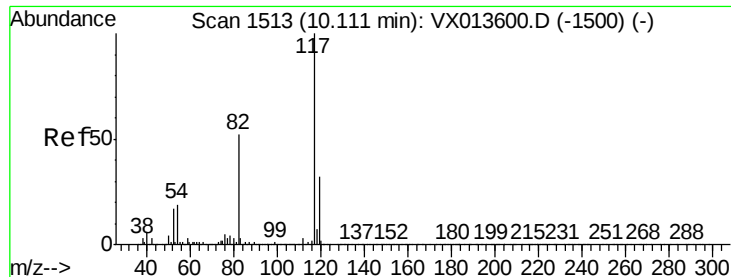
Ion Ratio Lower Upper

95 100

174 91.0 0.0 180.0

176 87.2 0.0 173.6





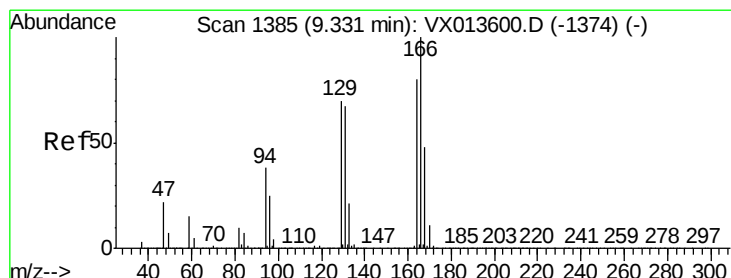
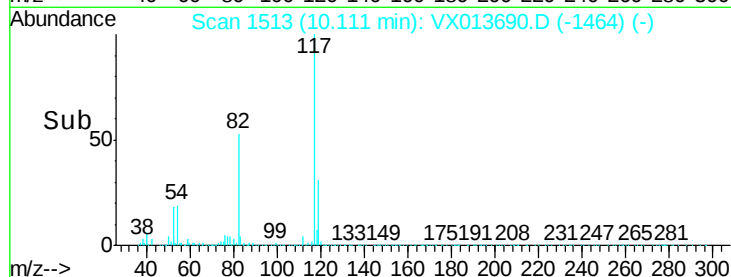
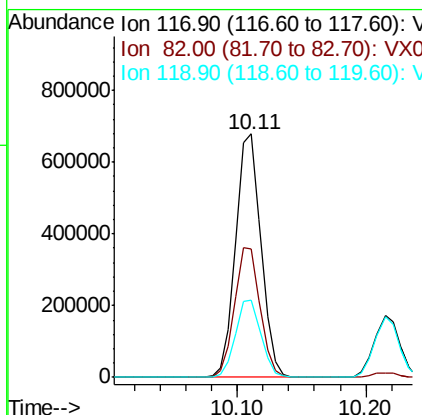
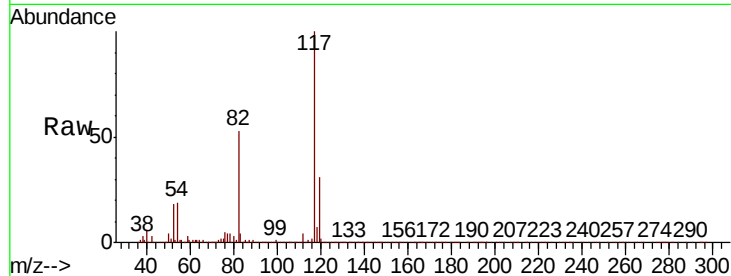
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.8	62.8
119	31.5	25.8	38.8

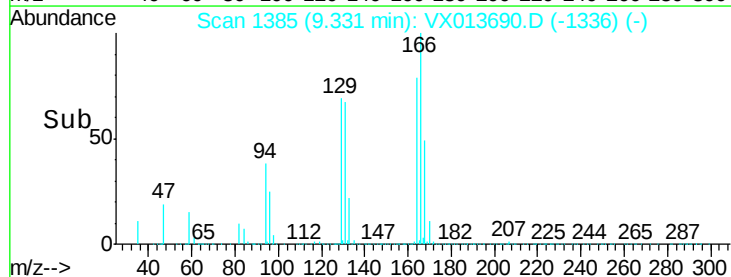
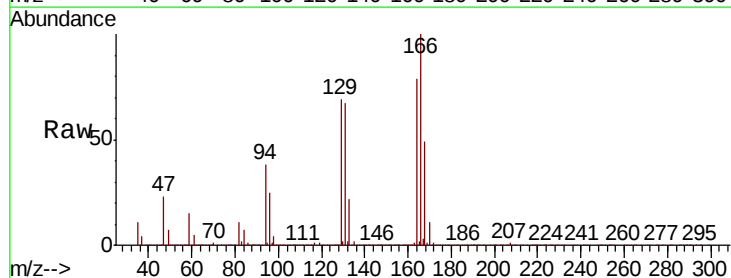
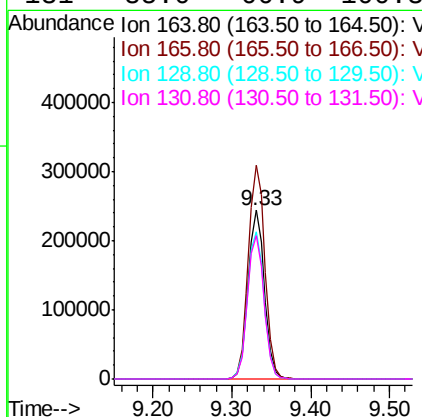
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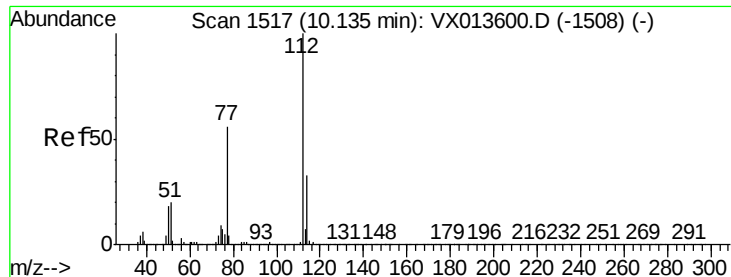
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#64
Tetrachloroethene
Concen: 50.467 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	99.7	149.5
129	87.3	70.1	105.1
131	85.0	66.9	100.3





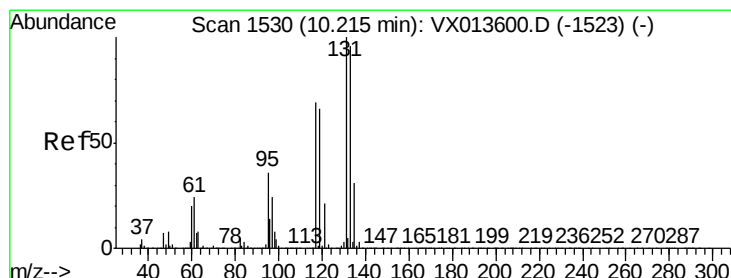
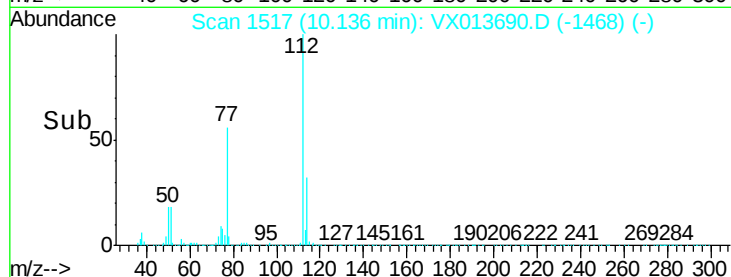
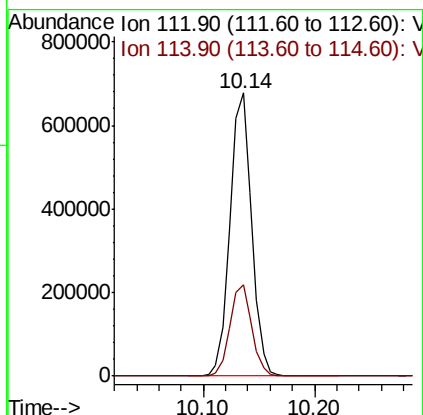
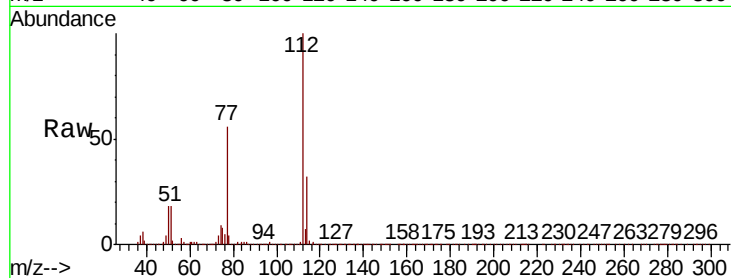
#65
Chlorobenzene
Concen: 46.933 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.1	39.1

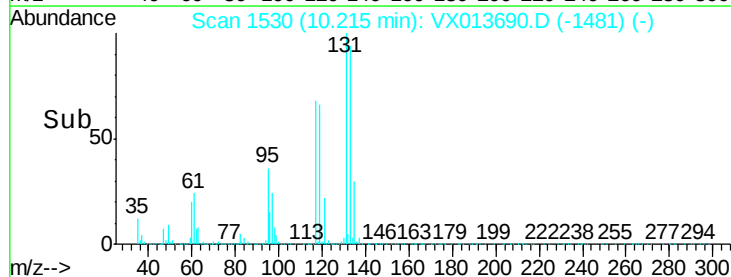
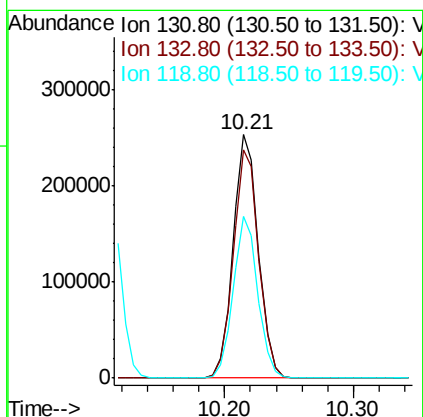
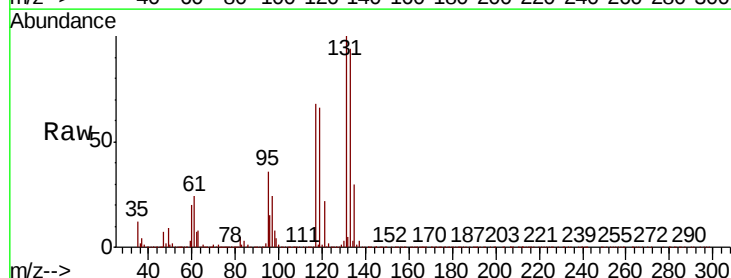
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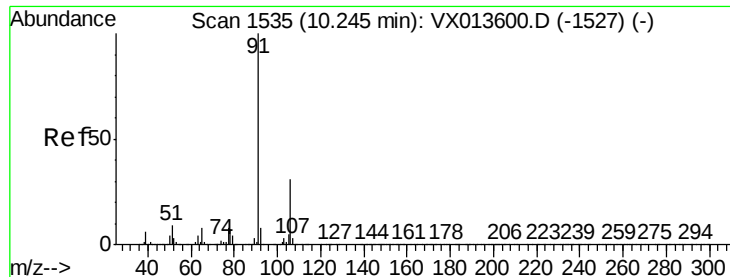
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.437 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.3	47.7	143.1
119	64.8	32.9	98.6





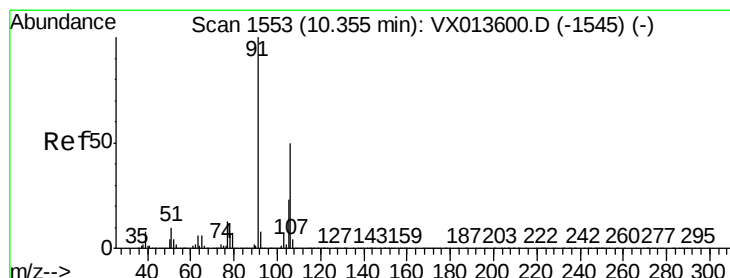
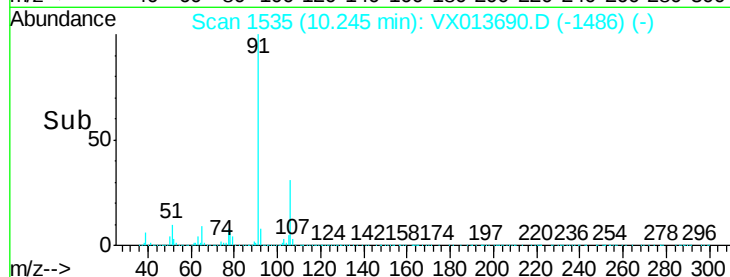
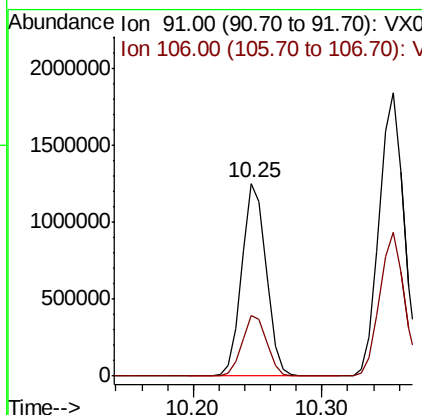
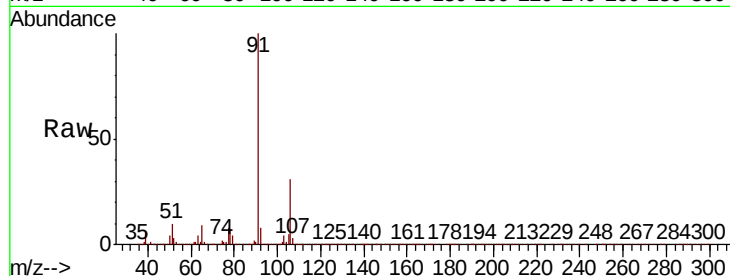
#67
Ethyl Benzene
Concen: 49.117 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1635286
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7

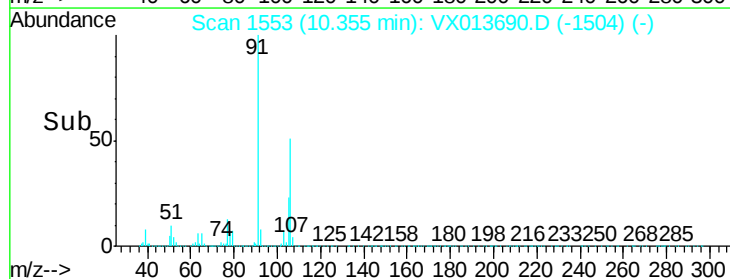
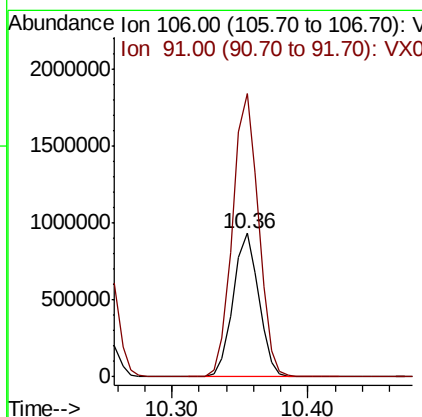
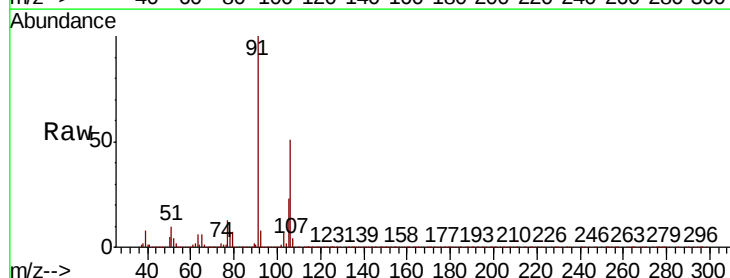
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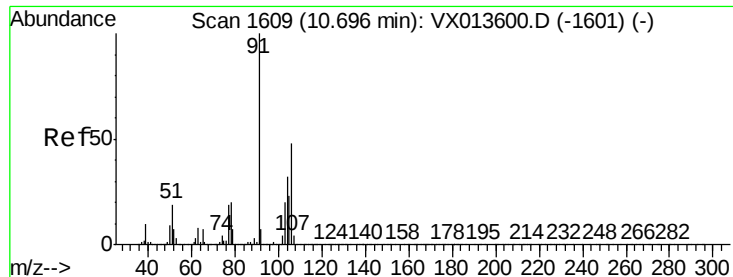
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#68
m/p-Xylenes
Concen: 96.435 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Tgt Ion: 106 Resp: 1229238
Ion Ratio Lower Upper
106 100
91 199.5 159.0 238.4





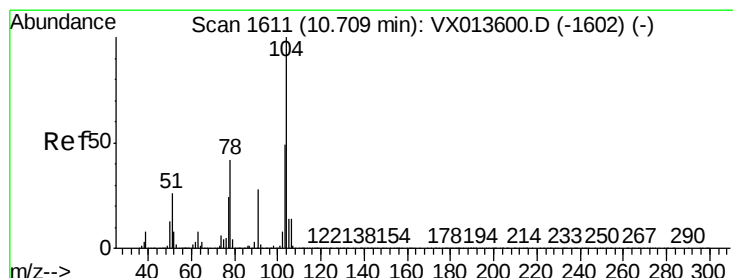
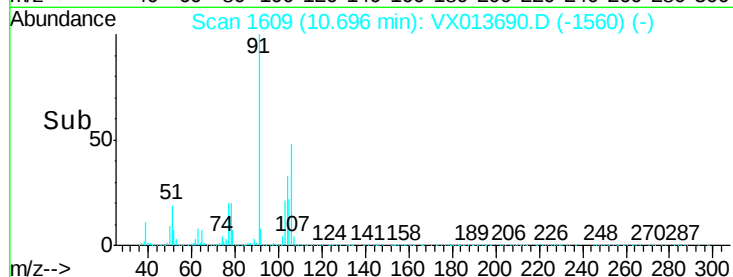
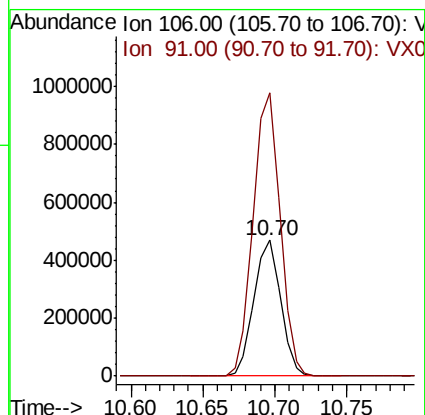
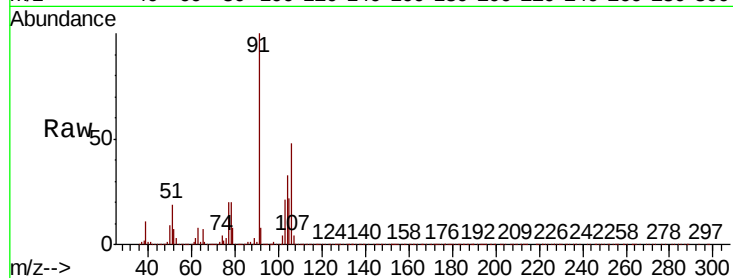
#69
o-Xylene
Concen: 48.262 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.2	104.1	312.2

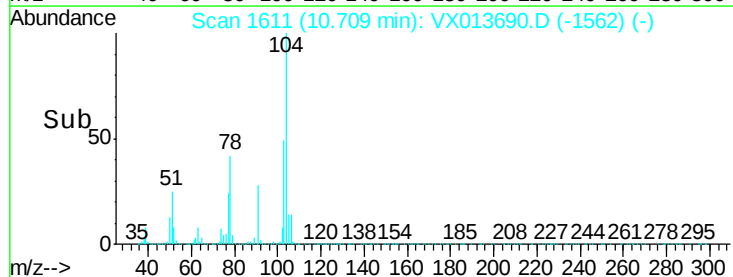
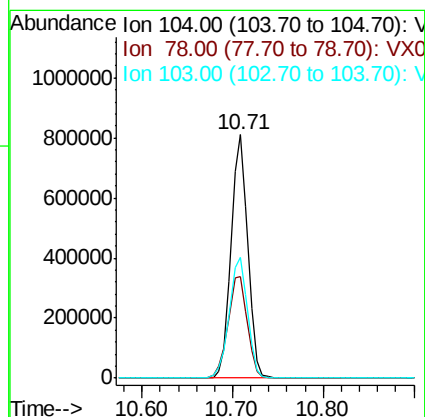
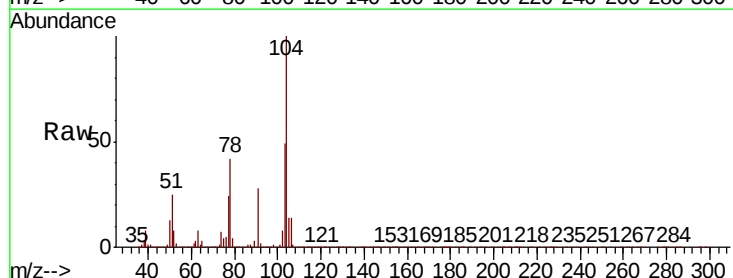
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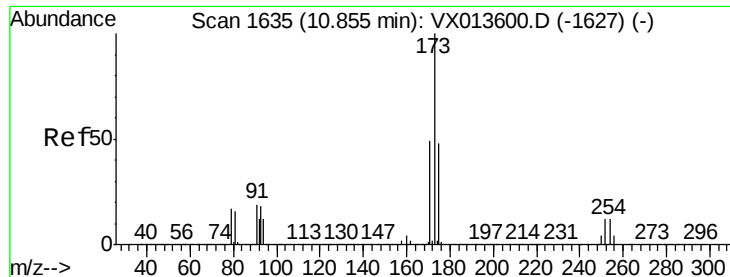
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#70
Styrene
Concen: 49.317 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	38.5	57.7
103	54.6	43.7	65.5





#71

Bromoform

Concen: 49.247 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

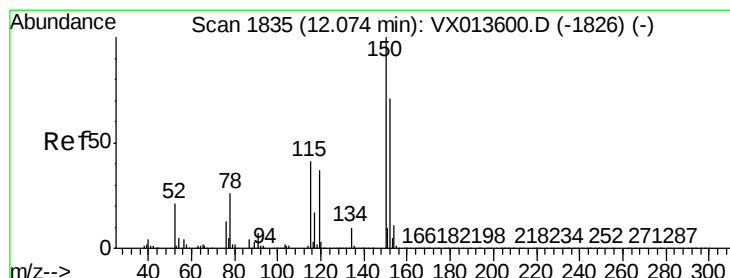
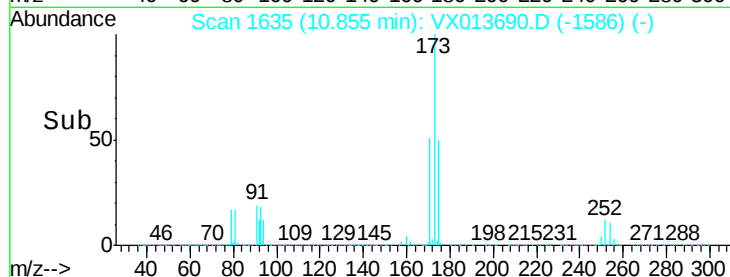
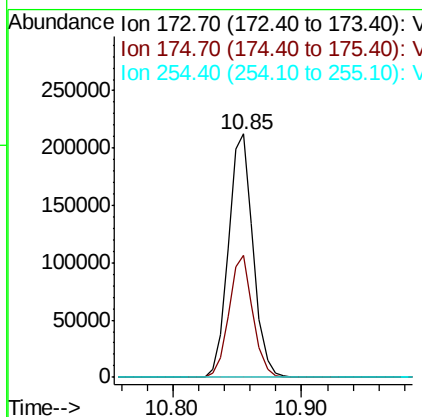
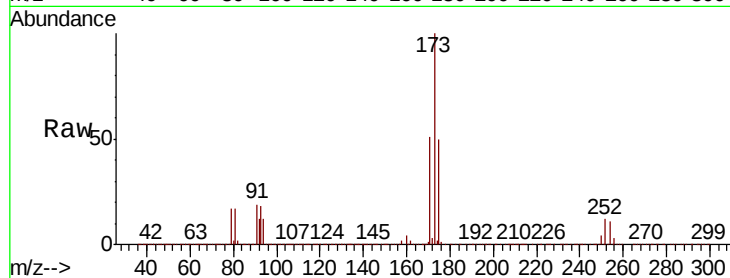
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	283497
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.3	72.8
254	0.2	0.2	0.4#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

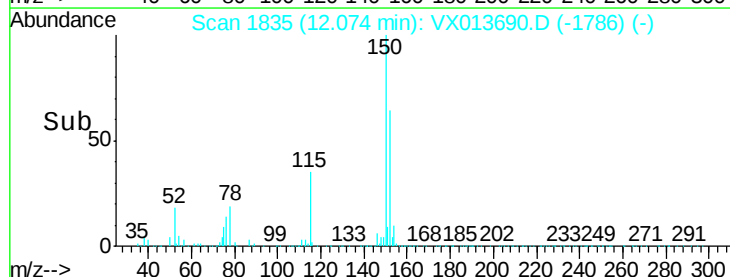
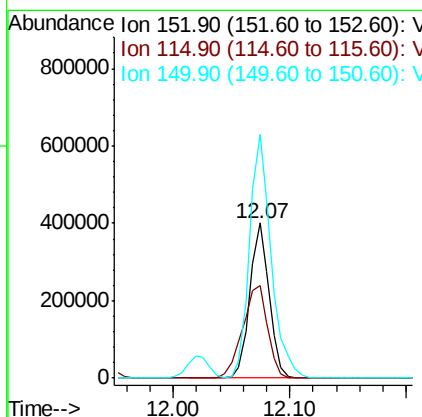
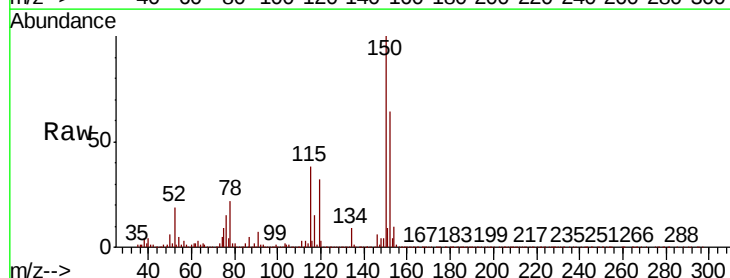
RT: 12.07 min Scan# 1835

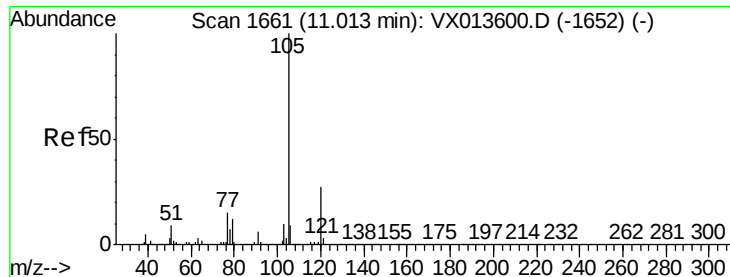
Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Tgt Ion:	152	Resp:	462949
Ion Ratio	Lower	Upper	
152	100		
115	77.3	38.4	115.1
150	175.7	0.0	346.8





#73

Isopropylbenzene

Concen: 49.353 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1602690

Ion Ratio Lower Upper

105 100

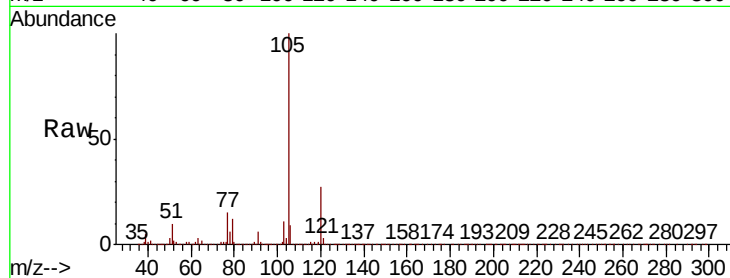
120 27.0 13.5 40.5

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Abundance Ion 105.00 (104.70 to 105.70): V

1500000 Ion 120.00 (119.70 to 120.70): V

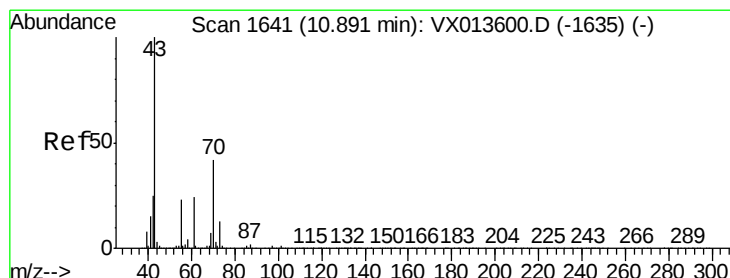
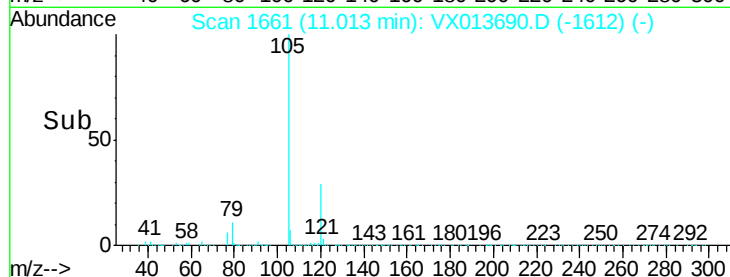
11.01

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 49.220 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Tgt Ion: 43 Resp: 732188

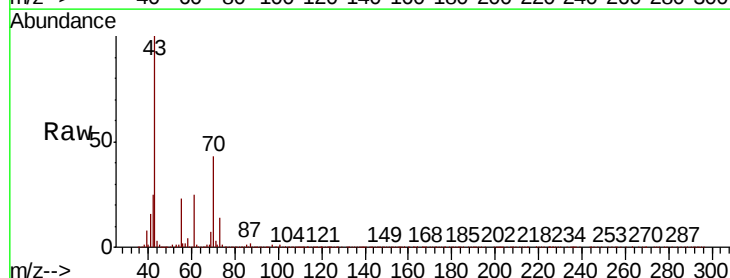
Ion Ratio Lower Upper

43 100

70 43.6 34.3 51.5

55 24.1 18.5 27.7

61 25.0 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

1000000 Ion 70.00 (69.70 to 70.70): VX0

800000 Ion 55.00 (54.70 to 55.70): VX0

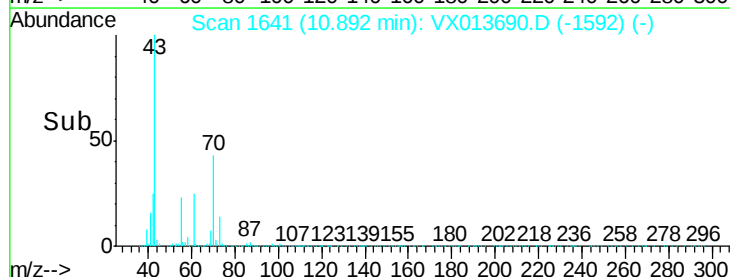
600000 Ion 61.00 (60.70 to 61.70): VX0

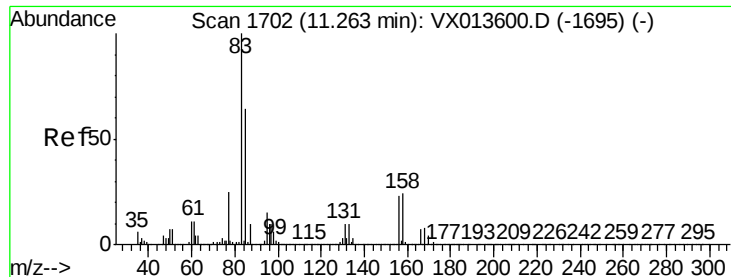
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.003 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

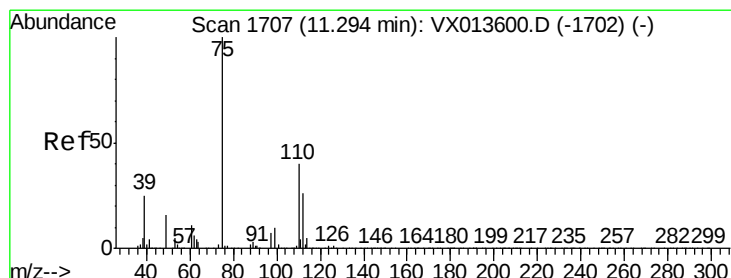
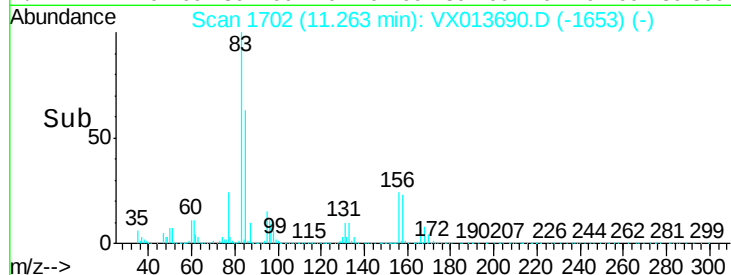
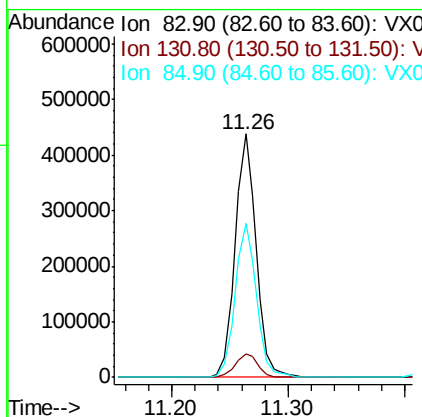
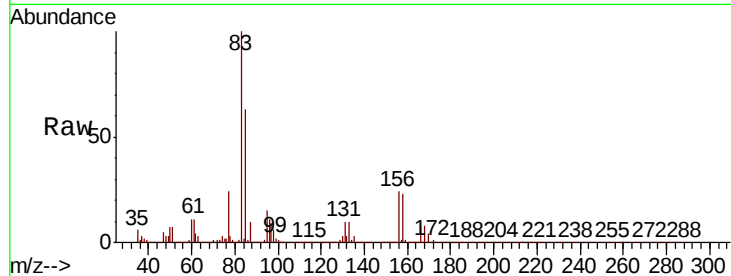
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	551862
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.3
85	63.9	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 41.477 ug/l m

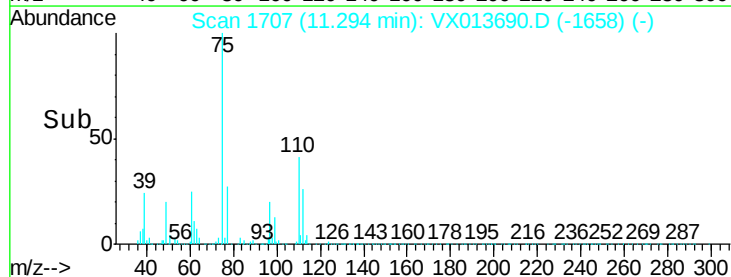
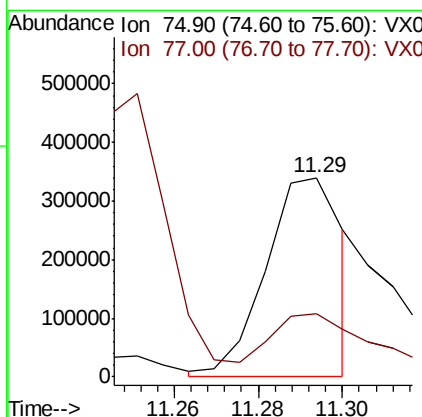
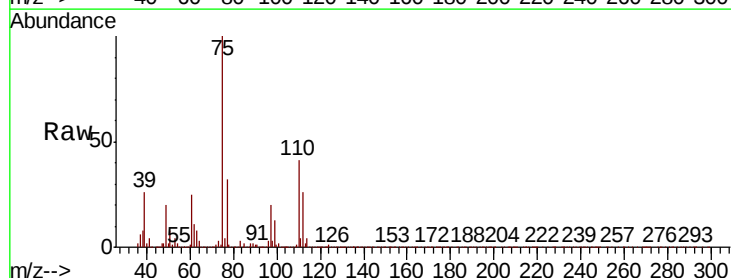
RT: 11.29 min Scan# 1707

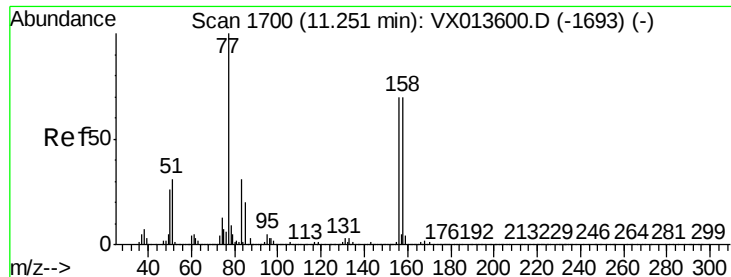
Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Tgt Ion:	75	Resp:	431876
Ion Ratio	Lower	Upper	
75	100		
77	42.6	19.1	57.5





#77

Bromobenzene

Concen: 48.344 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

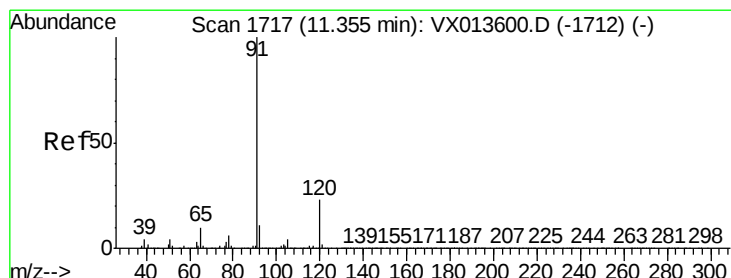
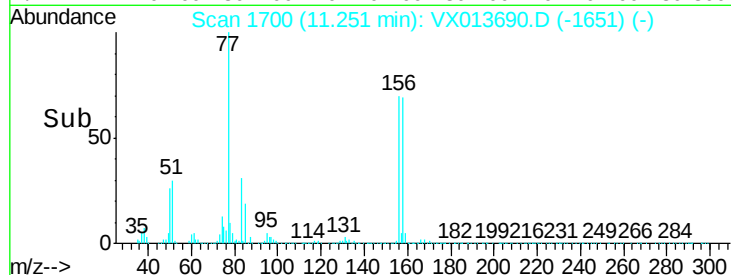
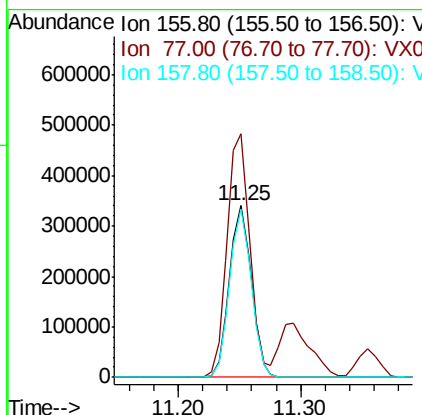
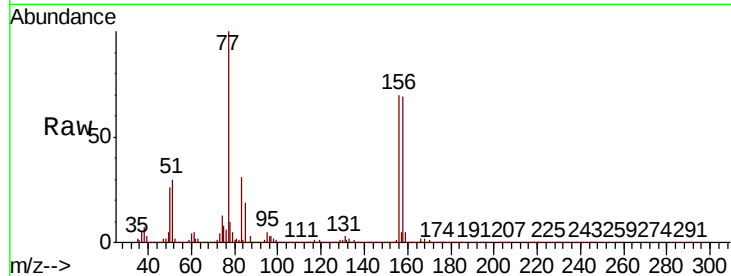
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	424121
Ion Ratio	Lower	Upper	
156	100		
77	146.8	74.4	223.1
158	96.7	48.9	146.6

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#78

n-propylbenzene

Concen: 49.123 ug/l

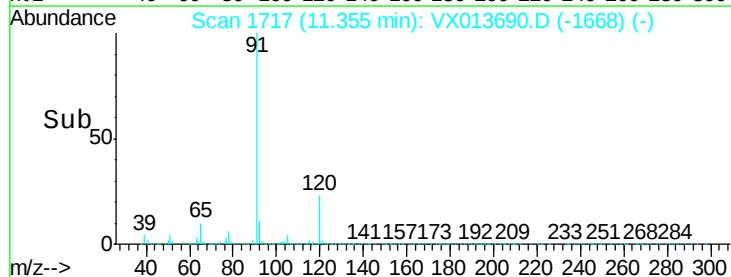
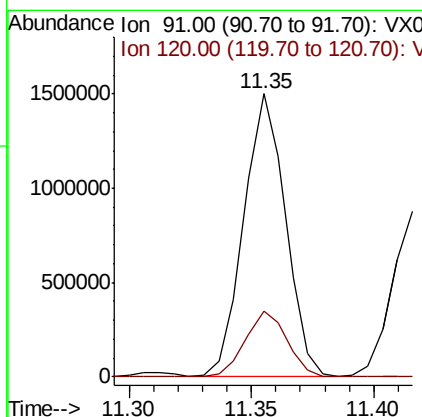
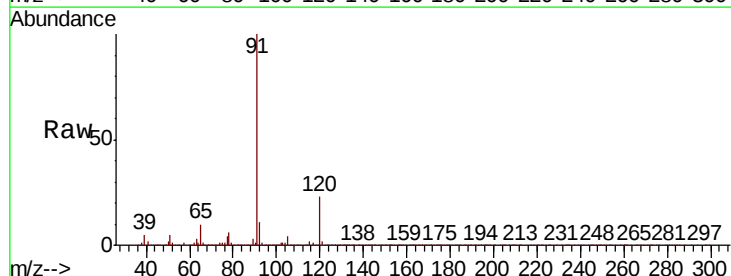
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Tgt Ion:	91	Resp:	1780755
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.3





#79

2-Chlorotoluene

Concen: 48.731 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1059697

Ion Ratio Lower Upper

91 100

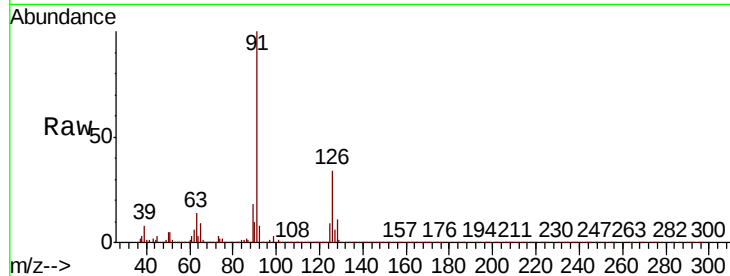
126 34.7 17.5 52.5

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

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

1500000

1000000

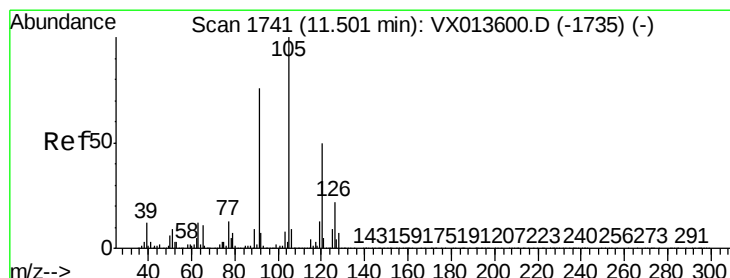
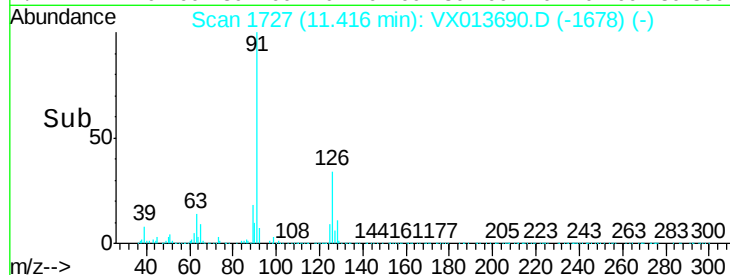
500000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.527 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013690.D

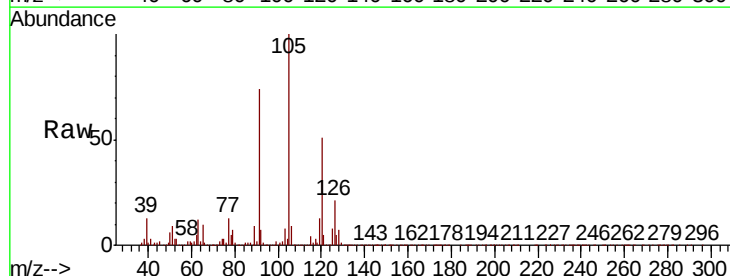
Acq: 28 Nov 2019 07:01

Tgt Ion: 105 Resp: 1318190

Ion Ratio Lower Upper

105 100

120 50.9 25.3 75.9



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

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

1200000

1000000

800000

600000

400000

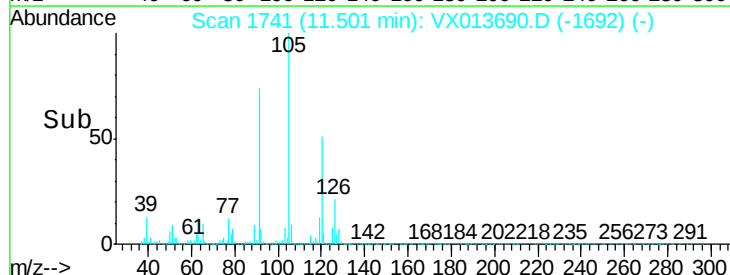
200000

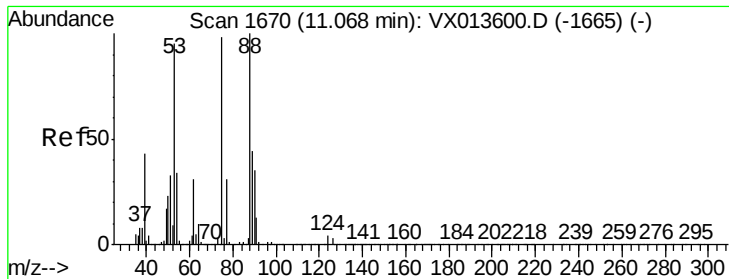
0

11.50

11.55

Time-->





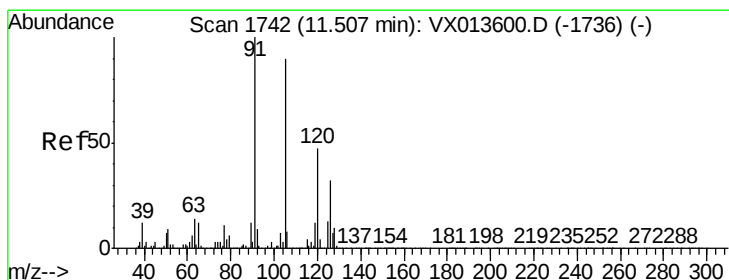
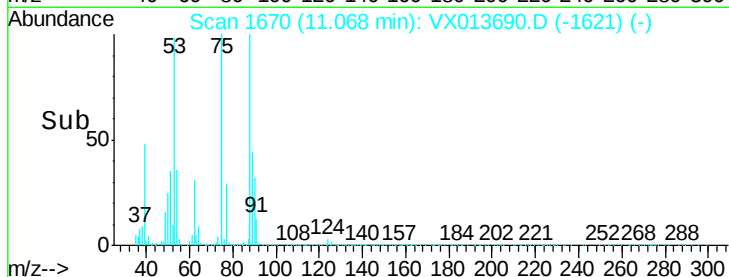
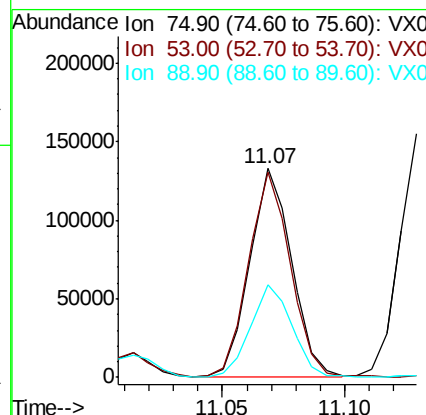
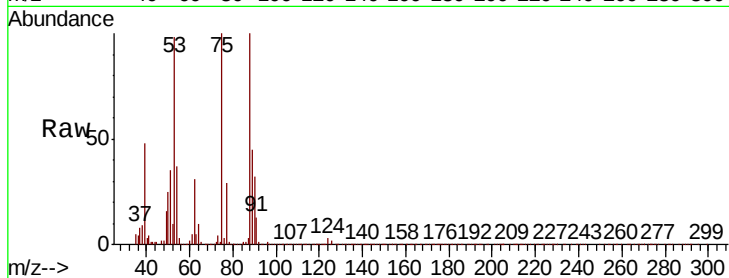
#81
trans-1,4-Dichloro-2-butene
Concen: 41.684 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.8	78.2	117.2
89	43.7	35.4	53.2

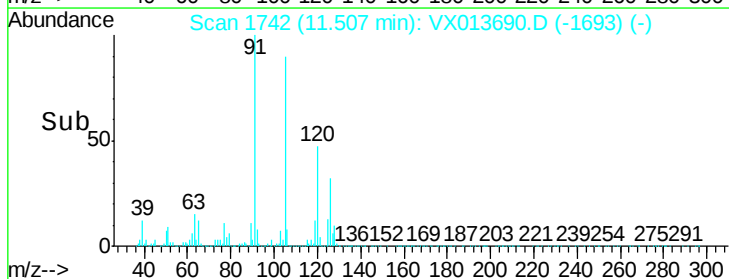
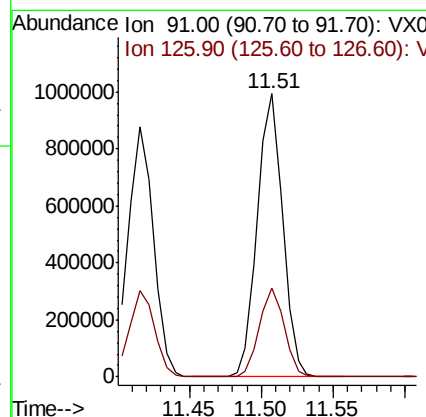
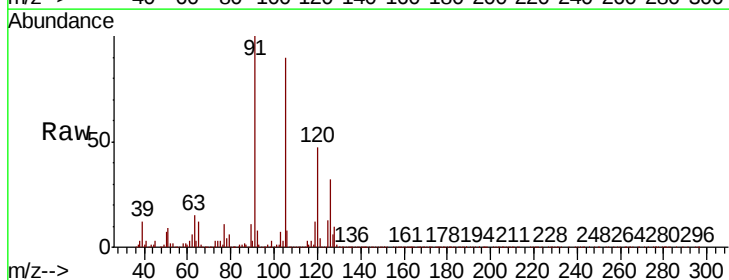
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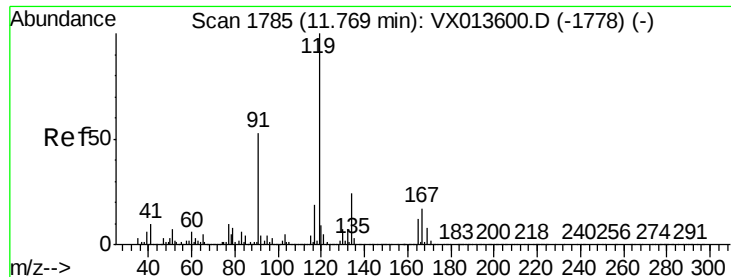
apatel
12/2/2019 3:17:45 PM



#82
4-Chlorotoluene
Concen: 47.797 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.7	47.0





#83

tert-Butylbenzene

Concen: 48.844 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

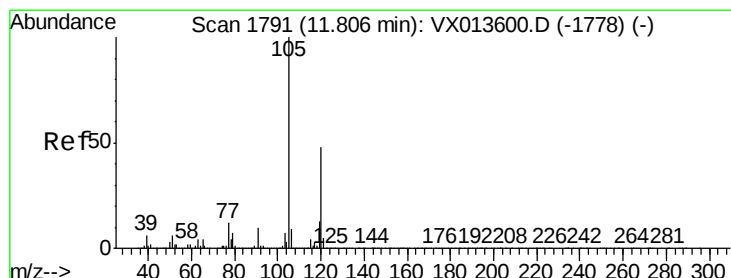
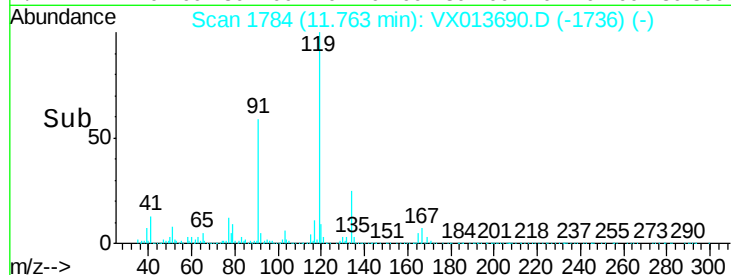
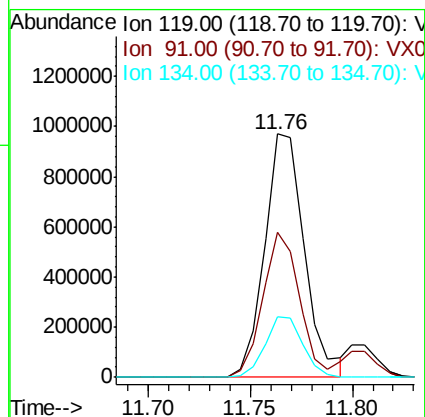
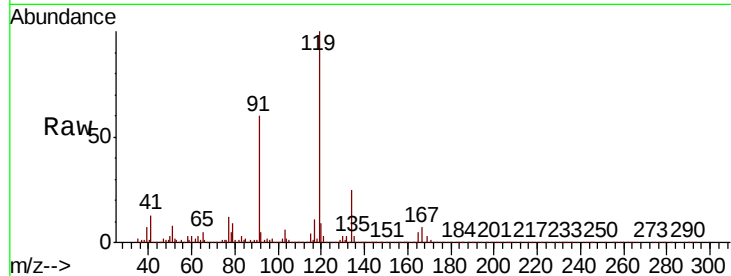
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	1321182
Ion	Ratio	Lower	Upper
119	100		
91	54.7	27.2	81.6
134	23.7	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 49.401 ug/l

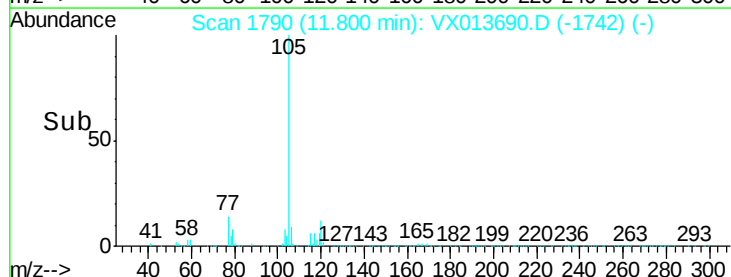
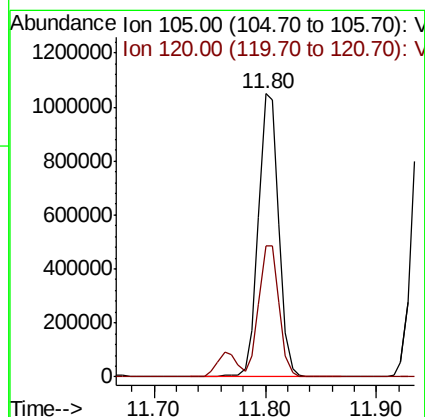
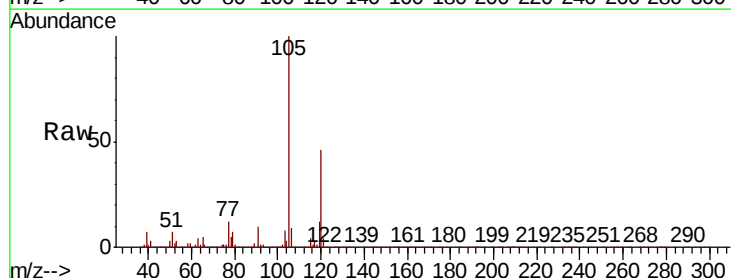
RT: 11.80 min Scan# 1790

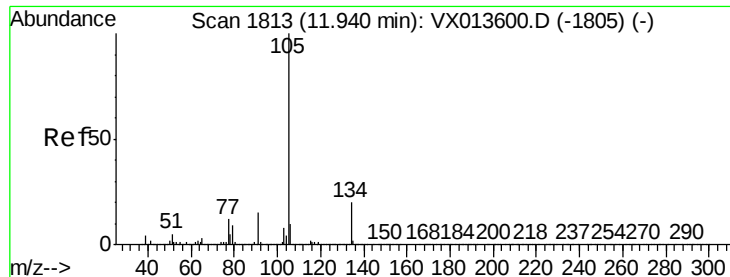
Delta R.T. -0.01 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Tgt Ion:	105	Resp:	1334430
Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 49.304 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1523304

Ion Ratio Lower Upper

105 100

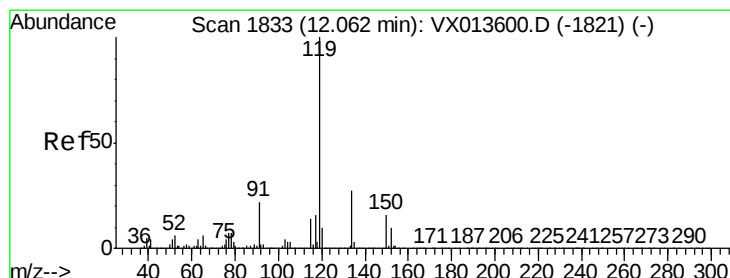
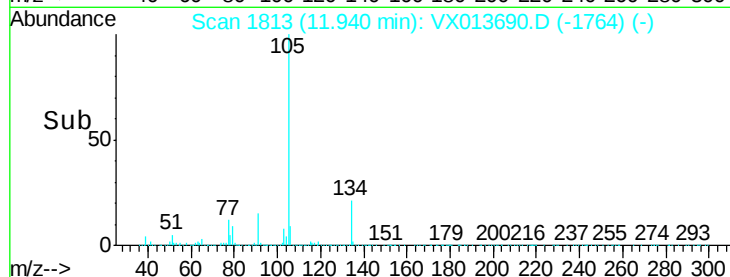
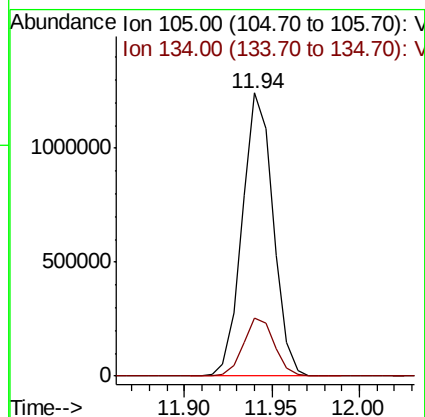
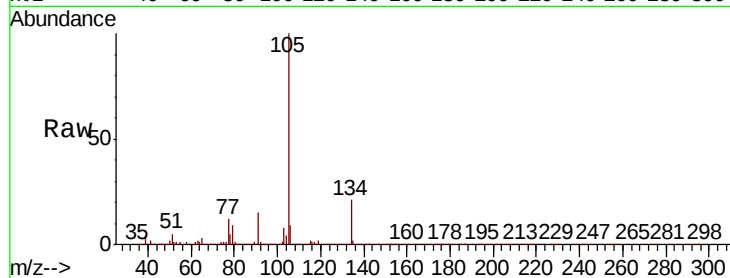
134 20.8 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 48.952 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

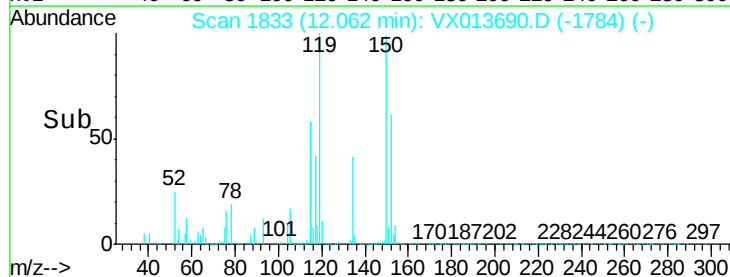
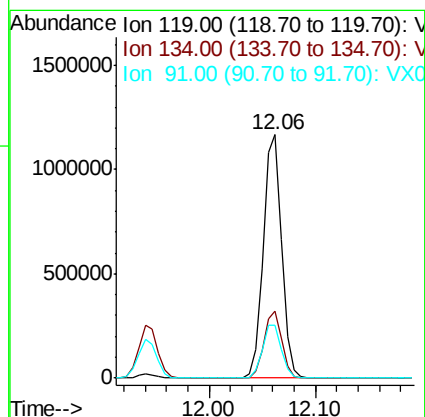
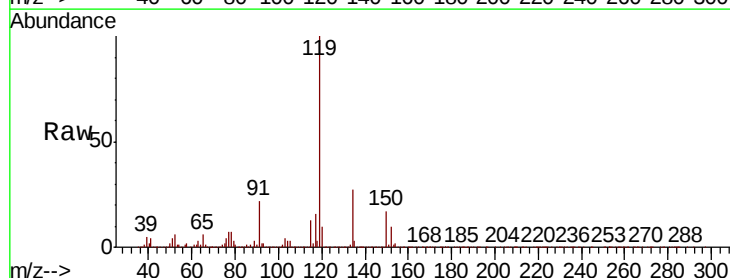
Tgt Ion:119 Resp: 1406992

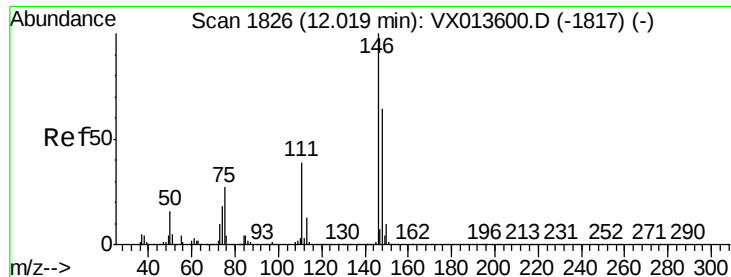
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

91 22.4 11.3 33.8





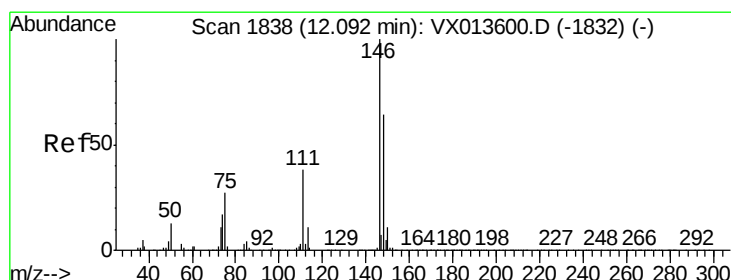
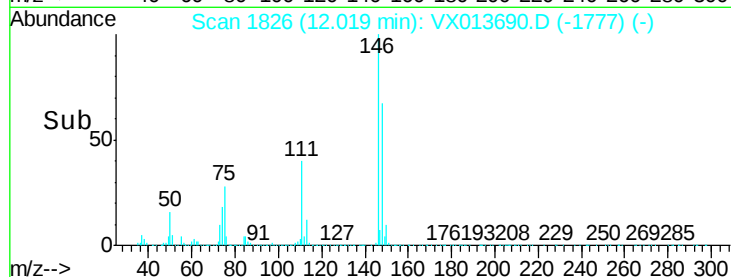
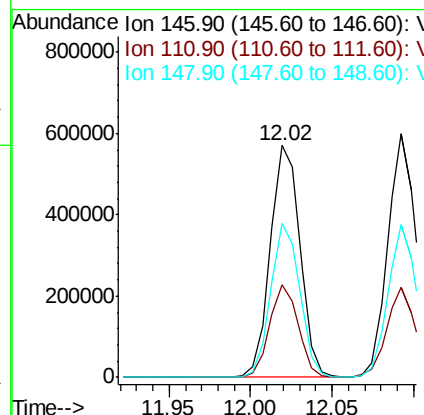
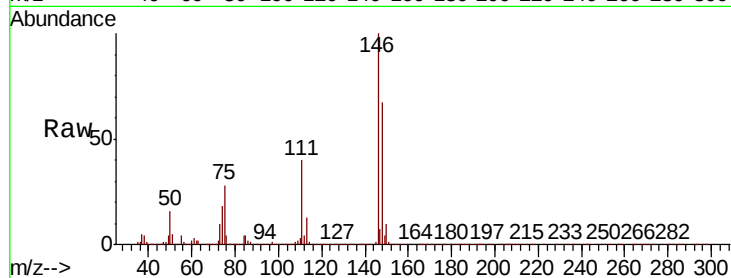
#87
 1,3-Dichlorobenzene
 Concen: 47.126 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013690.D
 Acq: 28 Nov 2019 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	64.9	31.8	95.4

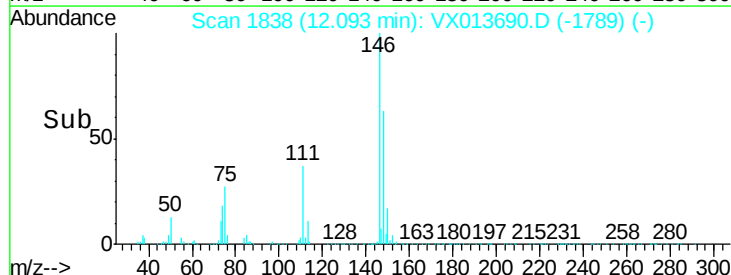
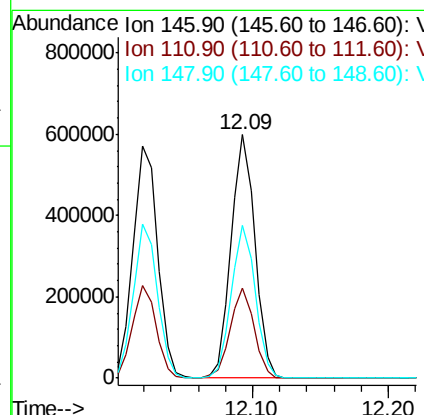
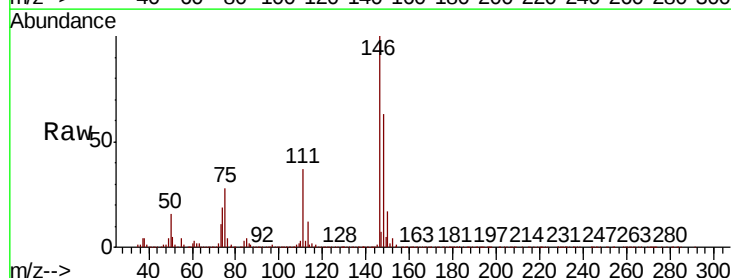
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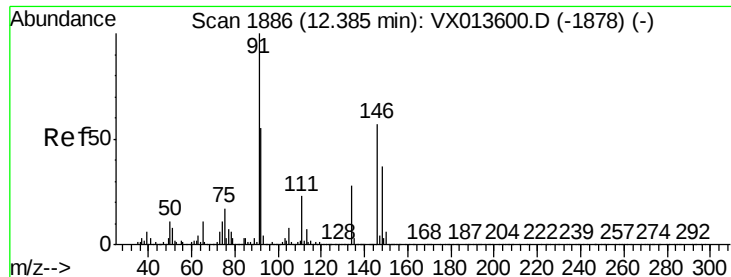
apatel
 12/2/2019 3:17:45 PM



#88
 1,4-Dichlorobenzene
 Concen: 46.851 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013690.D
 Acq: 28 Nov 2019 07:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.9
148	63.0	31.9	95.5





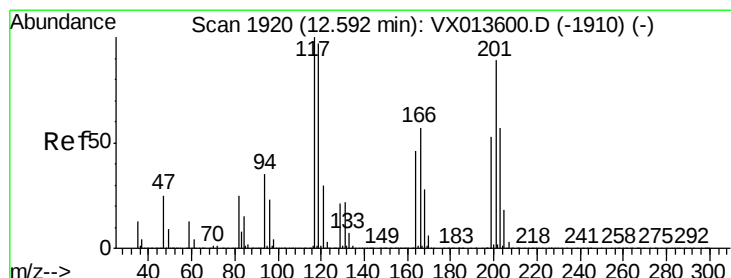
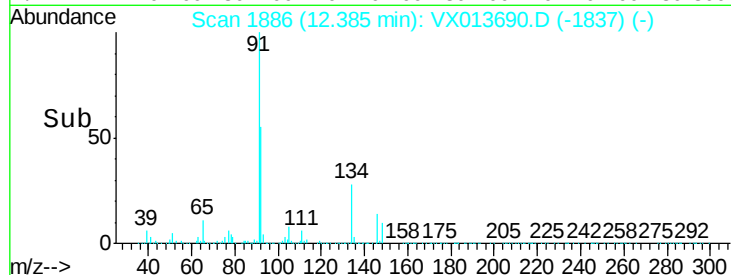
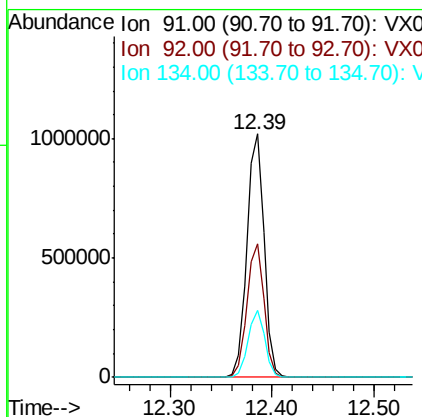
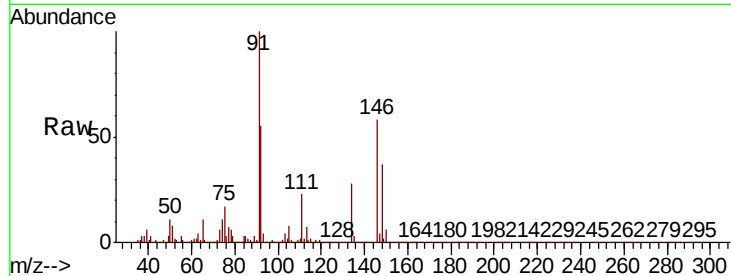
#89
n-Butylbenzene
Concen: 48.412 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.4	82.2
134	27.1	13.5	40.4

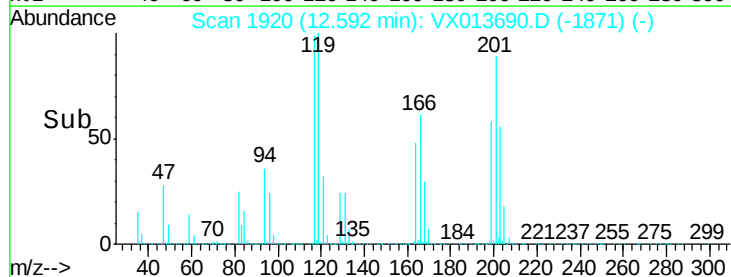
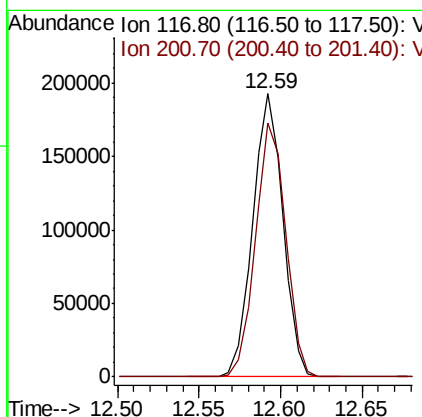
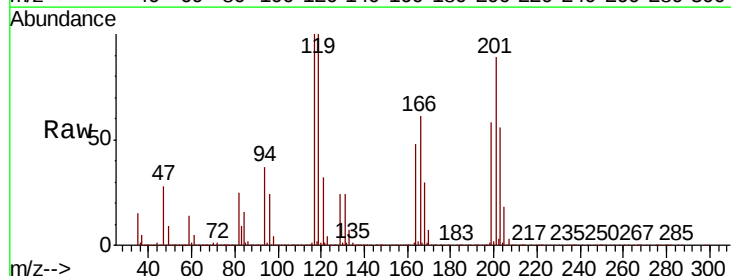
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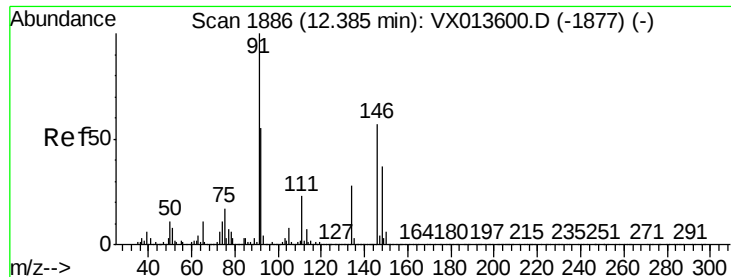
apatel
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#90
Hexachloroethane
Concen: 47.771 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013690.D
Acq: 28 Nov 2019 07:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.1	44.1	132.4





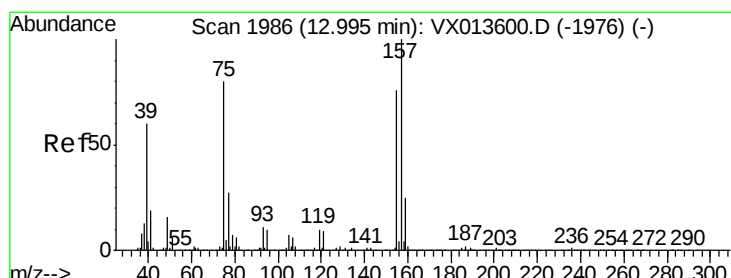
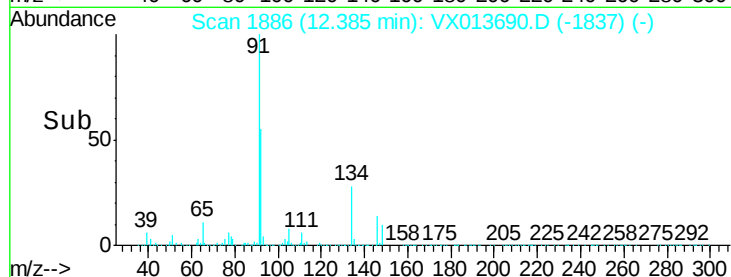
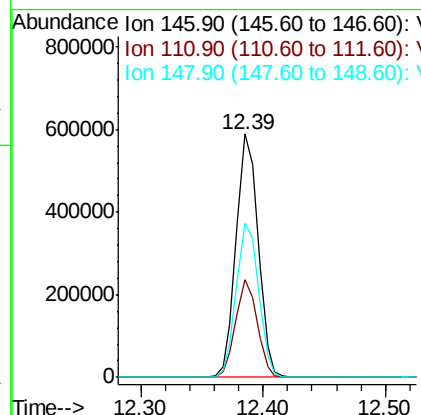
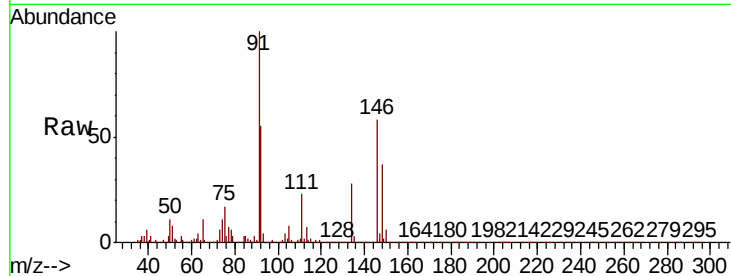
#91
 1,2-Dichlorobenzene
 Concen: 48.398 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013690.D
 Acq: 28 Nov 2019 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	64.2	31.9	95.7

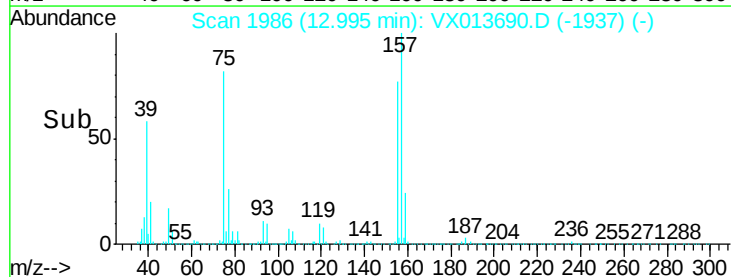
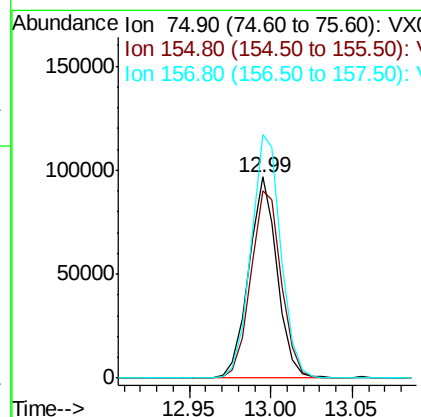
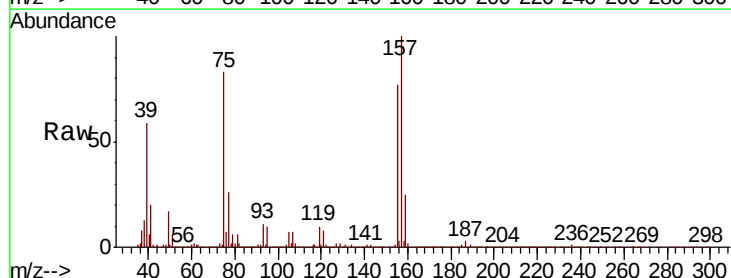
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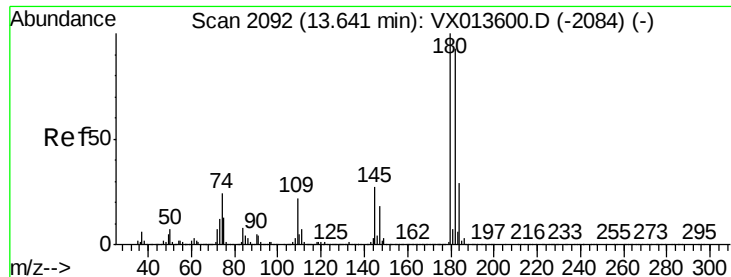
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.232 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013690.D
 Acq: 28 Nov 2019 07:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.9	47.6	142.8
157	128.8	62.1	186.2





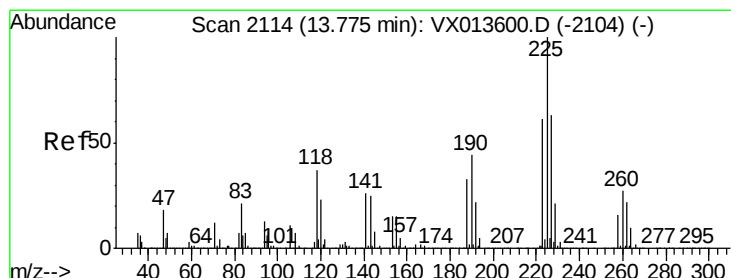
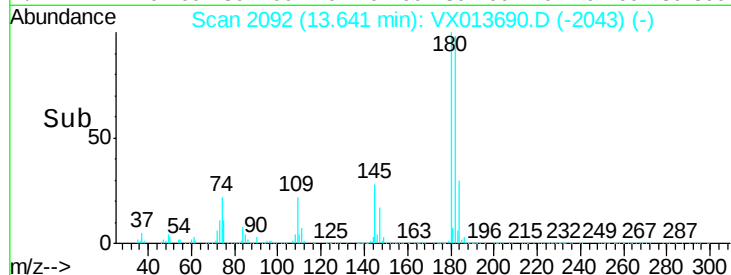
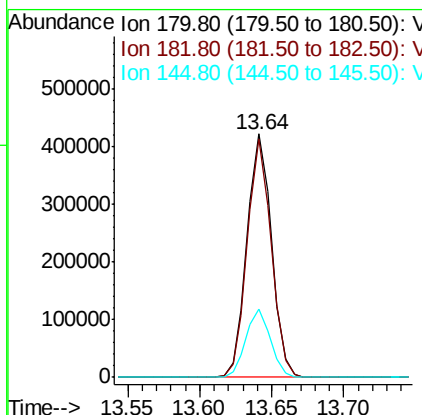
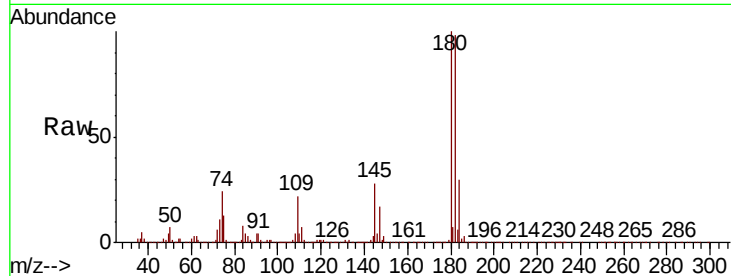
#93
 1,2,4-Trichlorobenzene
 Concen: 47.046 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013690.D
 Acq: 28 Nov 2019 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	495418		
182	95.8	47.2	141.6	
145	28.2	13.8	41.4	

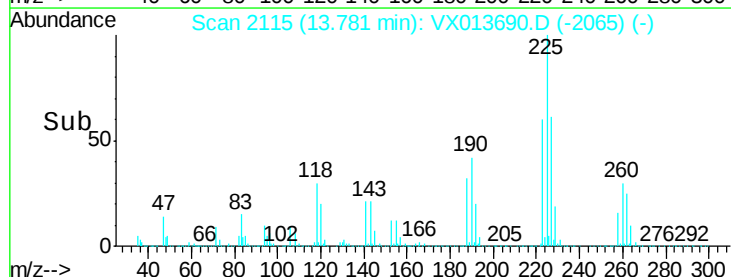
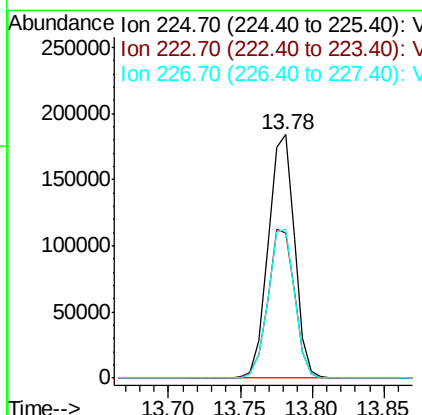
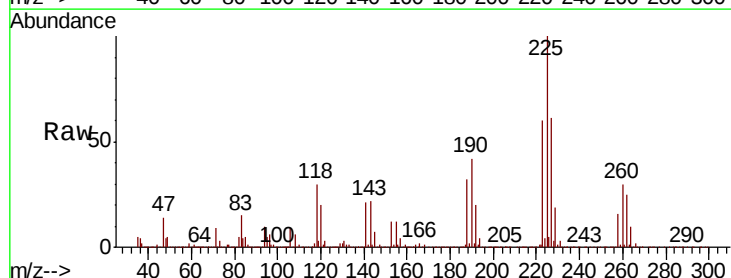
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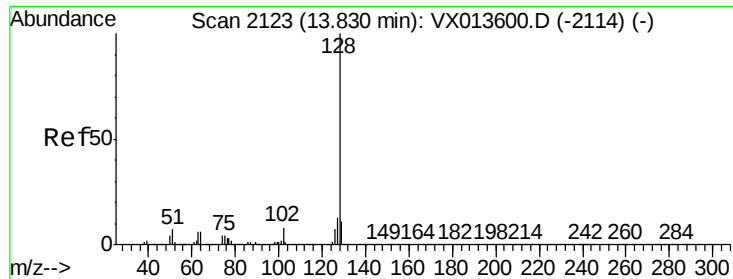
apatel
 12/2/2019 3:17:45 PM



#94
 Hexachlorobutadiene
 Concen: 45.731 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013690.D
 Acq: 28 Nov 2019 07:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	231335		
223	61.9	31.9	95.5	
227	61.7	32.1	96.3	





#95

Naphthalene

Concen: 50.264 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1576289

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

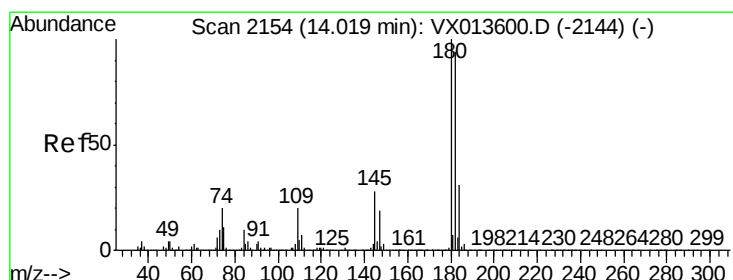
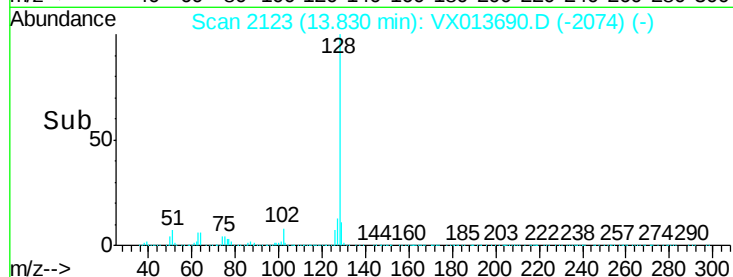
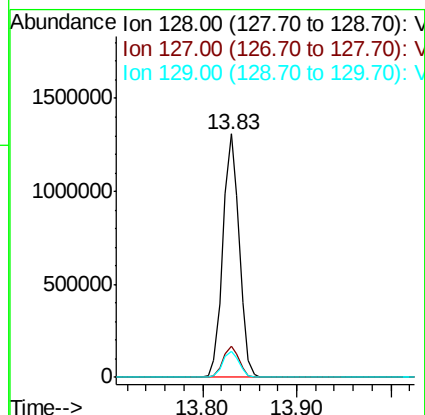
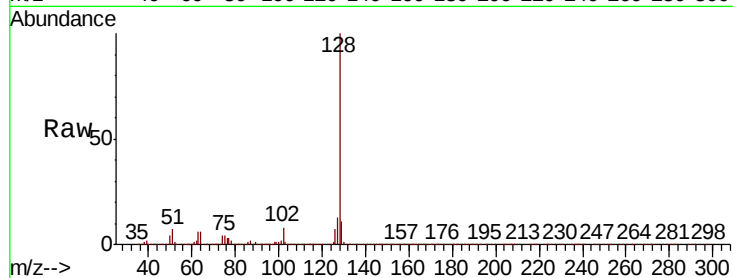
129 10.9 8.7 13.1

Manual Integrations

APPROVED

apatel

12/2/2019 3:17:45 PM



#96

1,2,3-Trichlorobenzene

Concen: 47.859 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013690.D

Acq: 28 Nov 2019 07:01

Tgt Ion:180 Resp: 499000

Ion Ratio Lower Upper

180 100

182 97.2 47.6 142.8

145 29.6 15.0 45.0

