

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122319\
 Data File : VX014230.D
 Acq On : 24 Dec 2019 03:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 12/24/2019 11:03:06 AM

Quant Time: Dec 24 04:35:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	511742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	797567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	722927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	361689	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	288986	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
35) Dibromofluoromethane	5.49	113	236324	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	8.71	98	937451	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	334894	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	200479	43.790	ug/l	98
3) Chloromethane	1.32	50	277112	45.103	ug/l	100
4) Vinyl Chloride	1.40	62	302265	46.624	ug/l	100
5) Bromomethane	1.63	94	185319	40.275	ug/l	95
6) Chloroethane	1.72	64	193943	48.471	ug/l	96
7) Trichlorofluoromethane	1.92	101	385799	48.072	ug/l	97
8) Diethyl Ether	2.18	74	181636	48.224	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	231658	47.886	ug/l	98
10) Methyl Iodide	2.50	142	289370	45.601	ug/l	98
11) Tert butyl alcohol	3.03	59	300239	239.574	ug/l	98
12) 1,1-Dichloroethene	2.37	96	232779	47.288	ug/l	95
13) Acrolein	2.28	56	166138	231.589	ug/l	97
14) Allyl chloride	2.72	41	426534	48.529	ug/l	99
15) Acrylonitrile	3.13	53	752780	257.351	ug/l	100
16) Acetone	2.43	43	808174	214.633	ug/l	99
17) Carbon Disulfide	2.56	76	600253	44.014	ug/l	100
18) Methyl Acetate	2.76	43	415120	55.637	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	814824	50.373	ug/l	97
20) Methylene Chloride	2.85	84	275767	46.508	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	258162	47.603	ug/l	100
22) Diisopropyl ether	3.84	45	877307	50.090	ug/l	90
23) Vinyl Acetate	3.80	43	2025540	141.716	ug/l	99
24) 1,1-Dichloroethane	3.69	63	479422	49.199	ug/l	100
25) 2-Butanone	4.65	43	1126551	242.673	ug/l	98
26) 2,2-Dichloropropane	4.58	77	292370	38.644	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	304917	49.714	ug/l	95
28) Bromochloromethane	5.00	49	200500	53.469	ug/l	99
29) Tetrahydrofuran	5.11	42	674557	259.791	ug/l	100
30) Chloroform	5.20	83	467034	50.558	ug/l	99
31) Cyclohexane	5.57	56	416519	48.059	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	385357	48.947	ug/l	100
36) 1,1-Dichloropropene	5.79	75	350699	47.922	ug/l	99
37) Ethyl Acetate	4.82	43	402633	49.823	ug/l	99
38) Carbon Tetrachloride	5.78	117	328564	49.284	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	410743	45.456	ug/l	99
40) Benzene	6.14	78	1092759	48.530	ug/l	99
41) Methacrylonitrile	5.03	41	227703	50.782	ug/l	98
42) 1,2-Dichloroethane	6.19	62	369127	48.361	ug/l	100
43) Isopropyl Acetate	6.43	43	671873	50.237	ug/l	99
44) Trichloroethene	7.21	130	321473	51.689	ug/l	96
45) 1,2-Dichloropropane	7.51	63	281795	48.827	ug/l	98
46) Dibromomethane	7.65	93	183804	48.170	ug/l	98
47) Bromodichloromethane	7.89	83	360204	50.124	ug/l	97
48) Methyl methacrylate	7.76	41	328979	50.234	ug/l	99
49) 1,4-Dioxane	7.73	88	127585	957.324	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2114089	251.702	ug/l	99
52) Toluene	8.78	92	684014	48.061	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	387369	49.159	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	428830	48.849	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	278953	48.903	ug/l	99
56) Ethyl methacrylate	9.17	69	453925	50.660	ug/l	100
57) 1,3-Dichloropropane	9.37	76	472879	49.272	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	891859	263.016	ug/l	100
59) 2-Hexanone	9.48	43	1654285	244.667	ug/l	100
60) Dibromochloromethane	9.57	129	290034	51.153	ug/l	100
61) 1,2-Dibromoethane	9.67	107	291488	49.944	ug/l	99
64) Tetrachloroethene	9.33	164	435338	68.053	ug/l	99
65) Chlorobenzene	10.14	112	729949	47.488	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	274474	50.010	ug/l	99
67) Ethyl Benzene	10.25	91	1295366	49.017	ug/l	99
68) m/p-Xylenes	10.36	106	983505	96.763	ug/l	100
69) o-Xylene	10.70	106	477044	47.855	ug/l	99
70) Styrene	10.71	104	826645	49.040	ug/l	99
71) Bromoform	10.85	173	221691	50.250	ug/l	100
73) Isopropylbenzene	11.01	105	1268177	49.799	ug/l	100
74) N-amyl acetate	10.89	43	581174	48.688	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	380395	43.086	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	352027m	44.832	ug/l	
77) Bromobenzene	11.25	156	333433	47.589	ug/l	99
78) n-propylbenzene	11.35	91	1445576	50.608	ug/l	100
79) 2-Chlorotoluene	11.42	91	847688	48.820	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	1060795	49.496	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	130791	47.014	ug/l	97
82) 4-Chlorotoluene	11.51	91	975473	48.432	ug/l	100
83) tert-Butylbenzene	11.76	119	904333	43.359	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	1067238	49.725	ug/l	99
85) sec-Butylbenzene	11.94	105	1229074	49.918	ug/l	100
86) p-Isopropyltoluene	12.06	119	1126010	49.995	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	584484	47.598	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	579349	46.400	ug/l	100
89) n-Butylbenzene	12.39	91	969301	50.437	ug/l	99
90) Hexachloroethane	12.59	117	199568	49.331	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	584279	47.266	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	92181	47.182	ug/l	99

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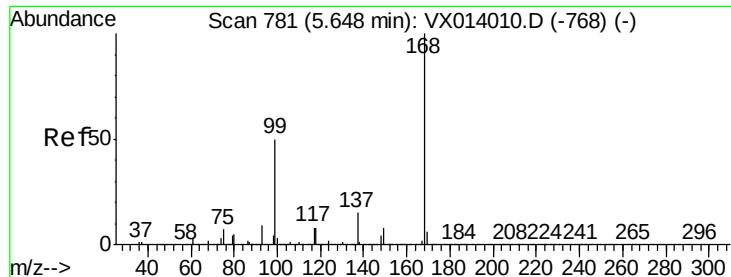
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	395200	49.188	ug/l	97
94) Hexachlorobutadiene	13.78	225	182802	47.342	ug/l	99
95) Naphthalene	13.83	128	1229775	52.097	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	396403	49.980	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 511742

Ion Ratio Lower Upper

168 100

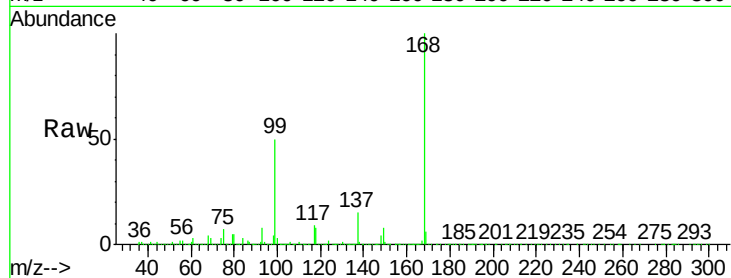
99 50.3 40.3 60.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

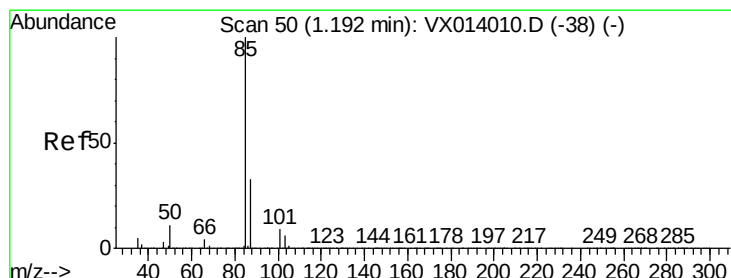
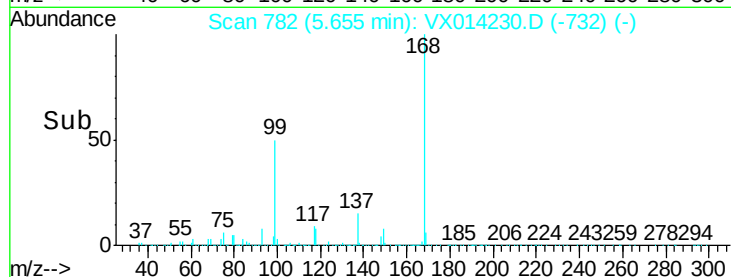
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.790 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014230.D

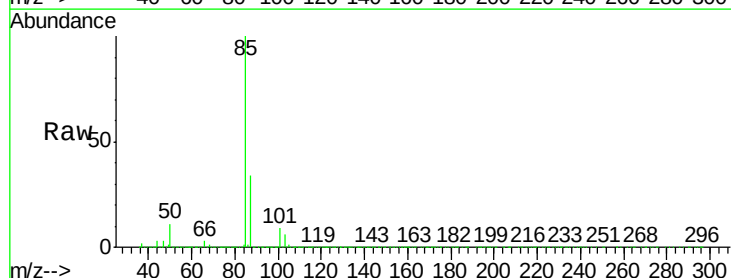
Acq: 24 Dec 2019 03:14

Tgt Ion: 85 Resp: 200479

Ion Ratio Lower Upper

85 100

87 33.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

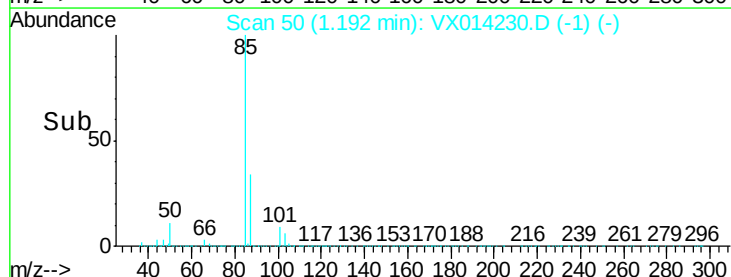
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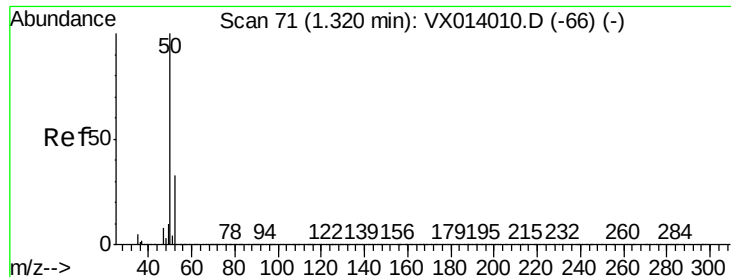
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 45.103 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 277112

Ion Ratio Lower Upper

50 100

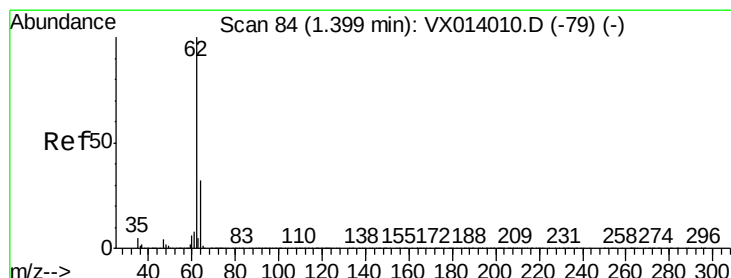
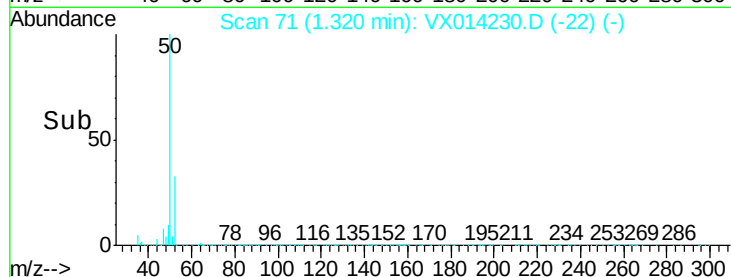
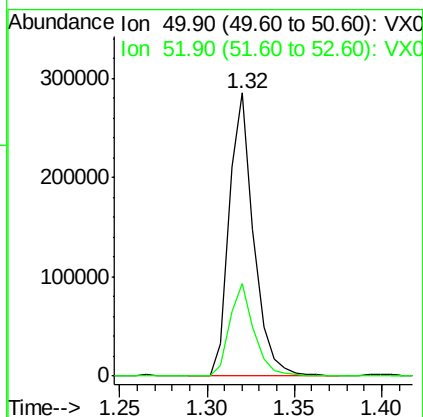
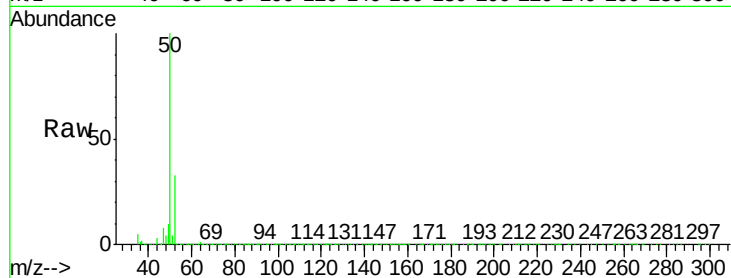
52 32.8 26.2 39.4

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#4

Vinyl Chloride

Concen: 46.624 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014230.D

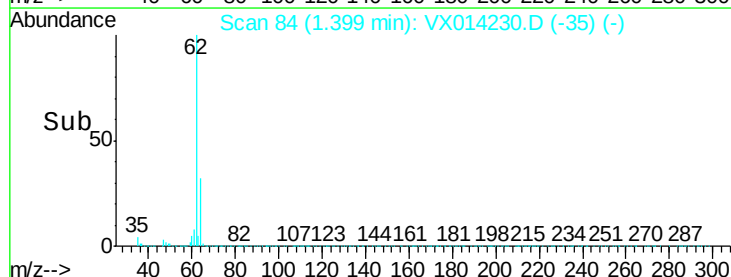
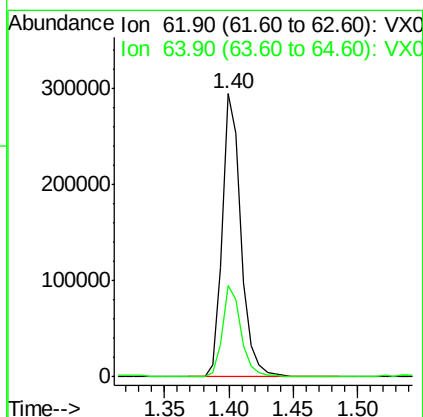
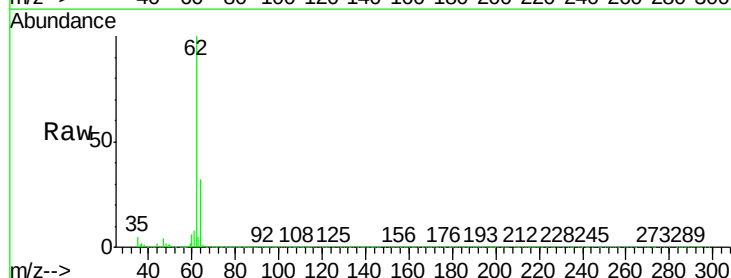
Acq: 24 Dec 2019 03:14

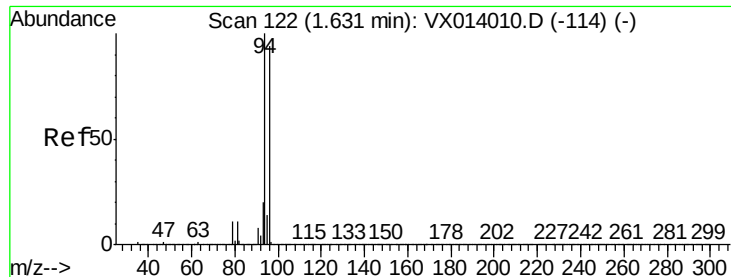
Tgt Ion: 62 Resp: 302265

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 40.275 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 185319

Ion Ratio Lower Upper

94 100

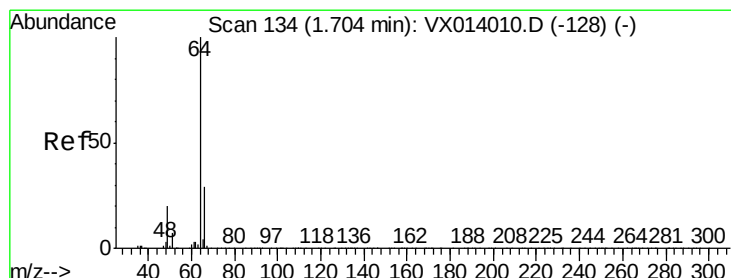
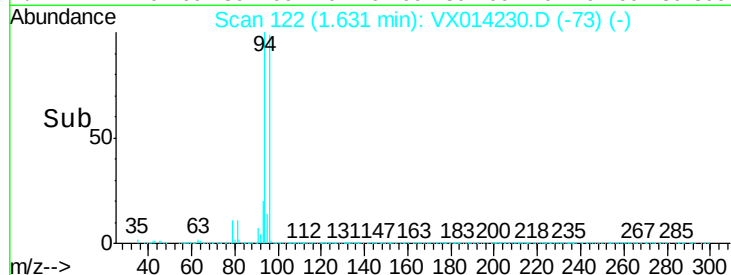
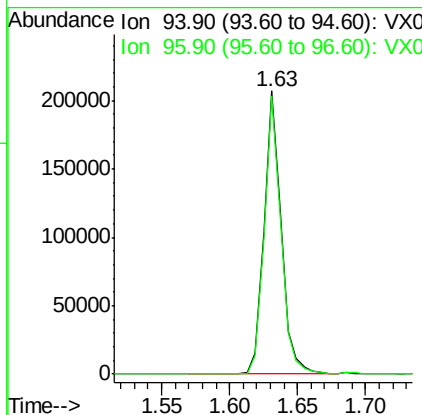
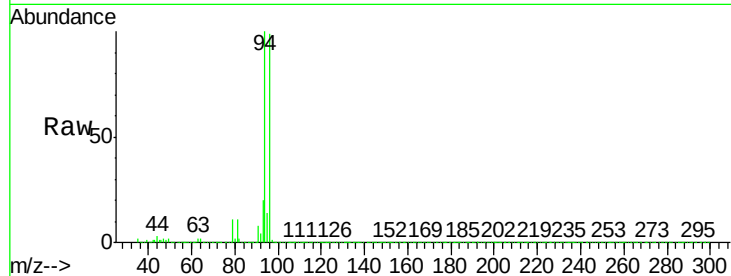
96 98.5 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 48.471 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014230.D

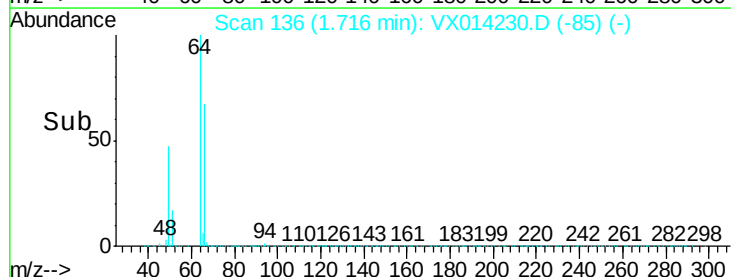
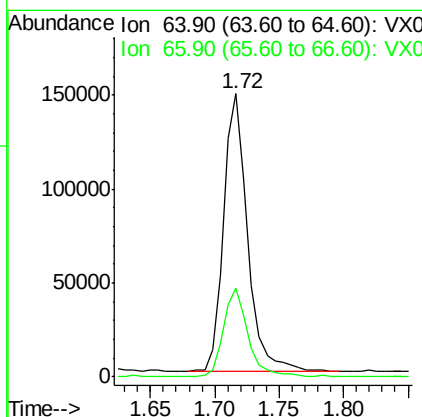
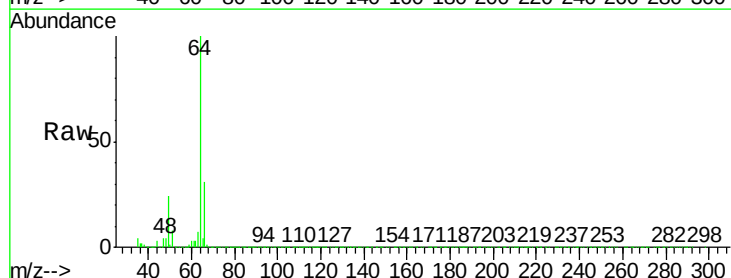
Acq: 24 Dec 2019 03:14

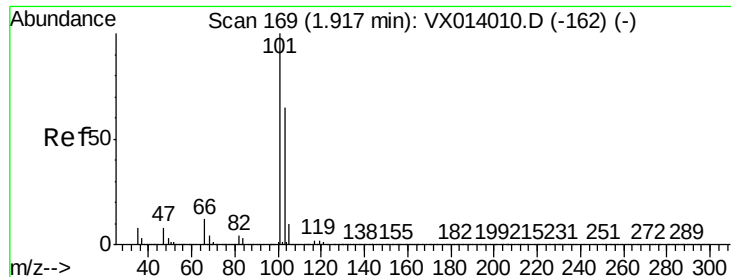
Tgt Ion: 64 Resp: 193943

Ion Ratio Lower Upper

64 100

66 31.6 23.4 35.2





#7

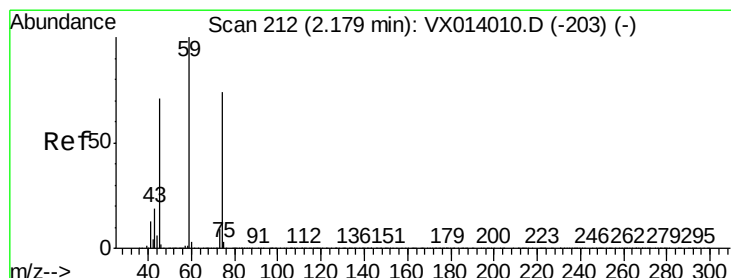
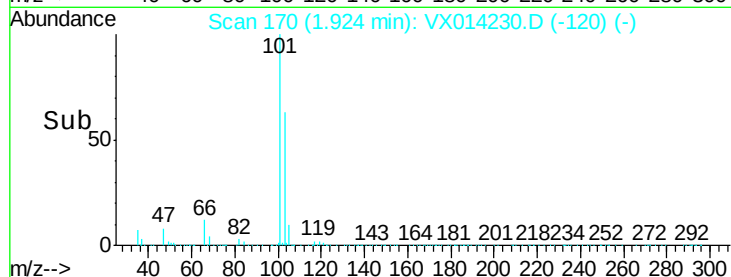
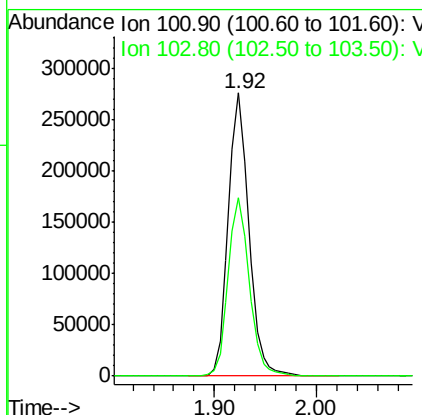
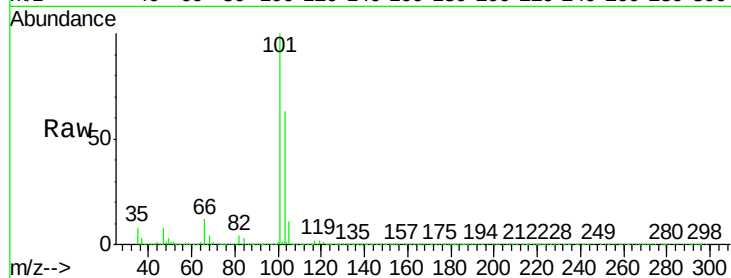
Trichlorofluoromethane
Concen: 48.072 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	52.2	78.4

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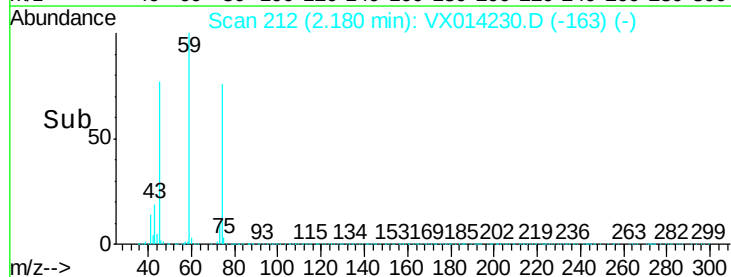
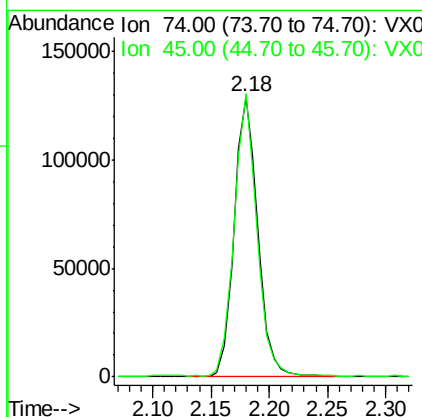
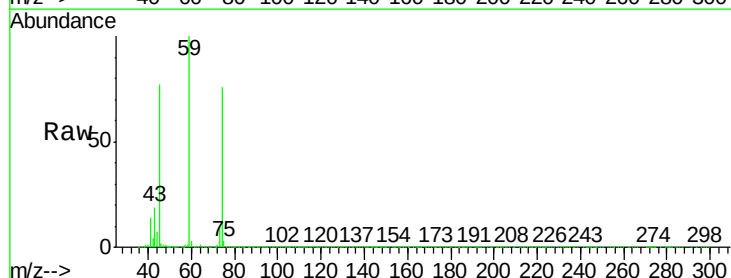
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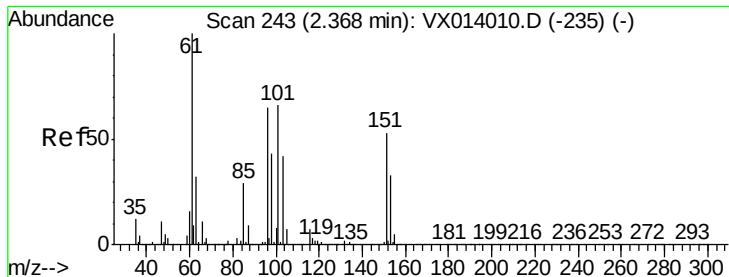


#8

Diethyl Ether
Concen: 48.224 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.886 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

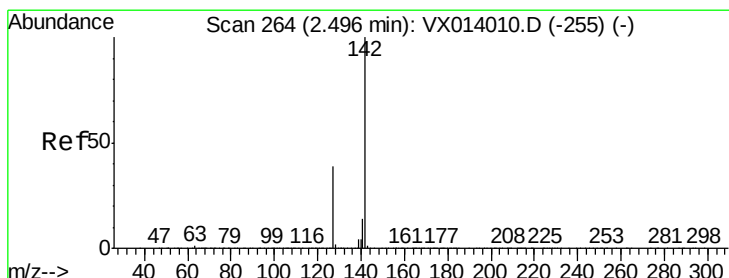
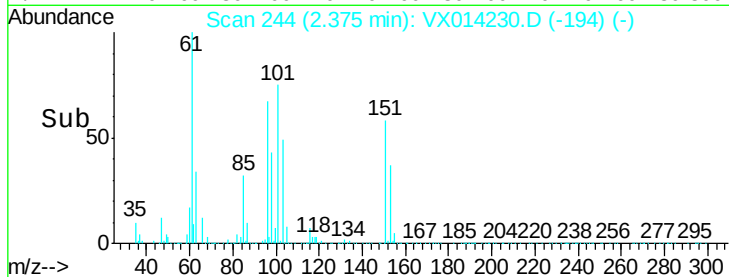
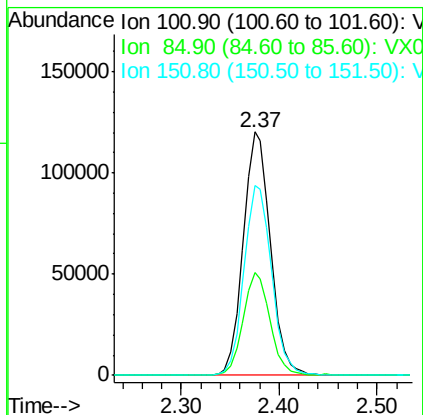
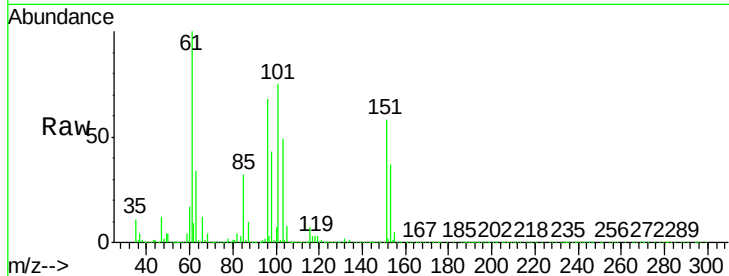
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	231658
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.7	50.5
151	79.0	64.5	96.7

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#10

Methyl Iodide

Concen: 45.601 ug/l

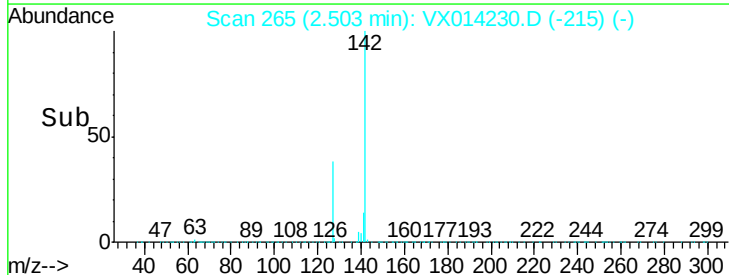
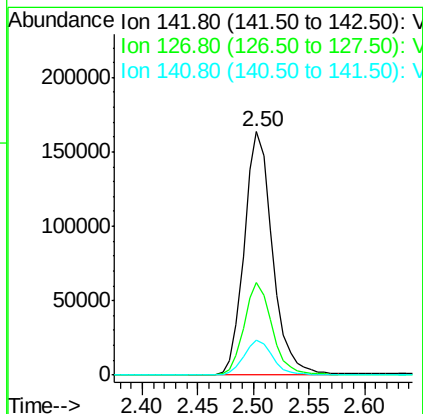
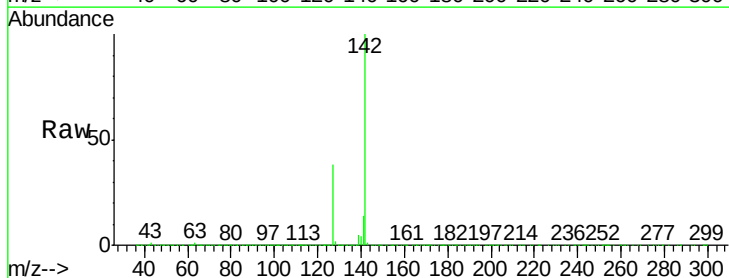
RT: 2.50 min Scan# 265

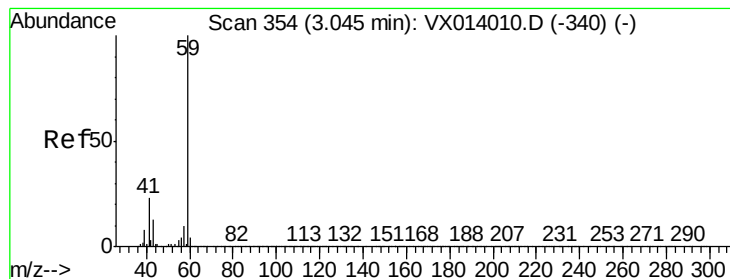
Delta R.T. 0.01 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Tgt Ion:	142	Resp:	289370
Ion Ratio	Lower	Upper	
142	100		
127	37.8	31.6	47.4
141	14.6	11.6	17.4





#11

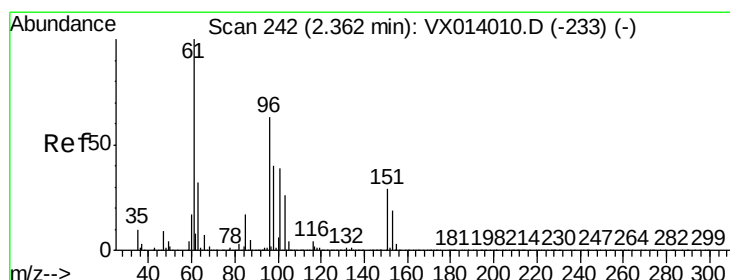
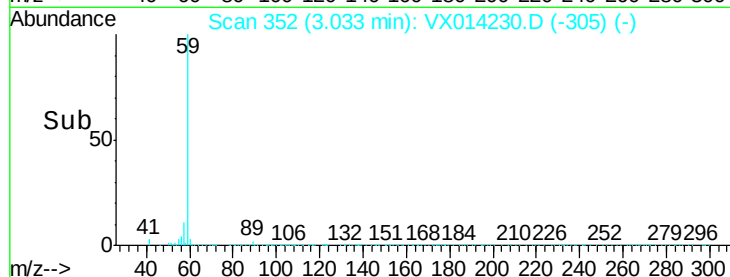
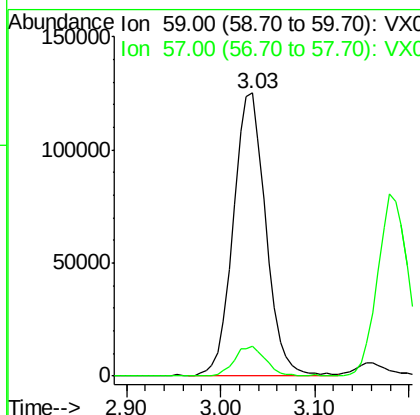
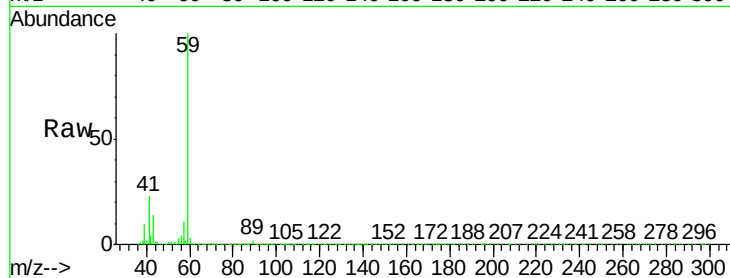
Tert butyl alcohol
Concen: 239.574 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.4	12.6

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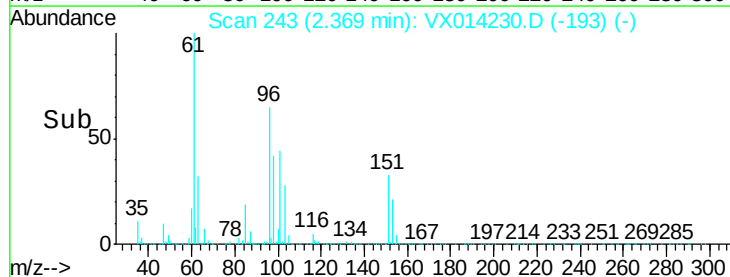
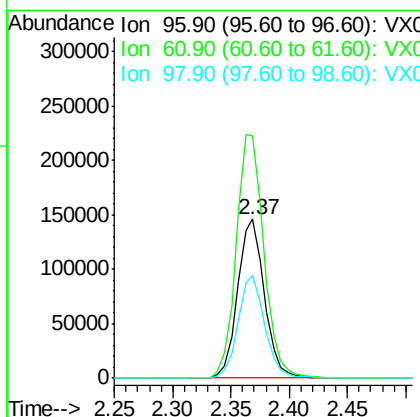
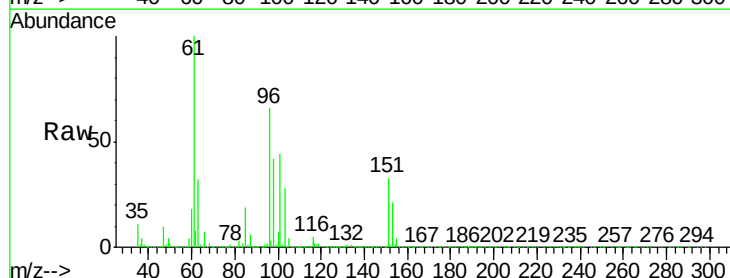
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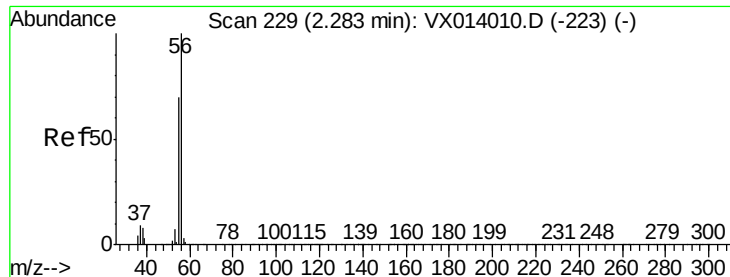


#12

1,1-Dichloroethene
Concen: 47.288 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.7	127.9	191.9
98	64.8	50.5	75.7





#13

Acrolein

Concen: 231.589 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 166138

Ion Ratio Lower Upper

56 100

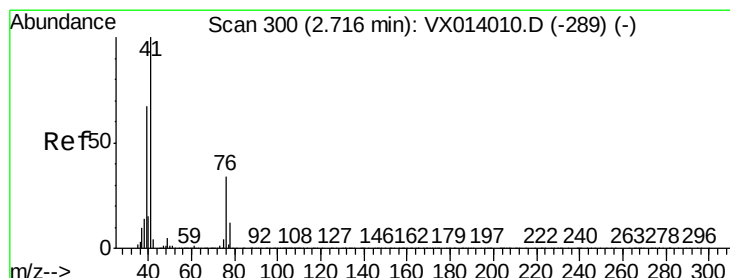
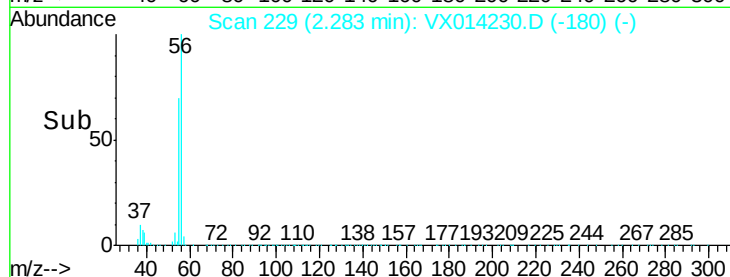
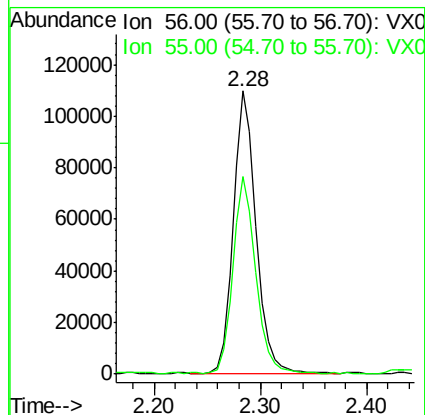
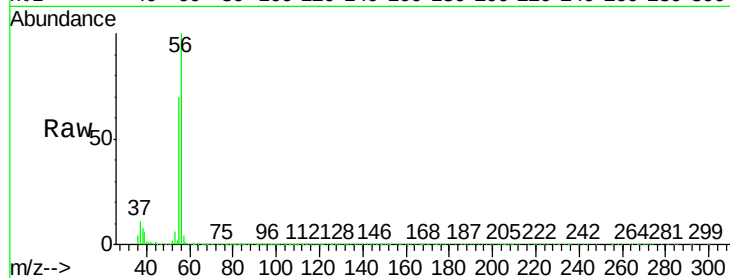
55 68.4 56.9 85.3

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#14

Allyl chloride

Concen: 48.529 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

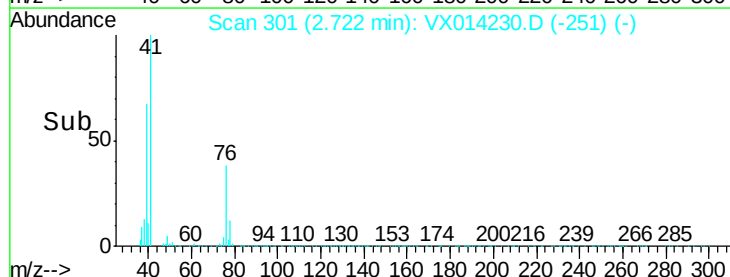
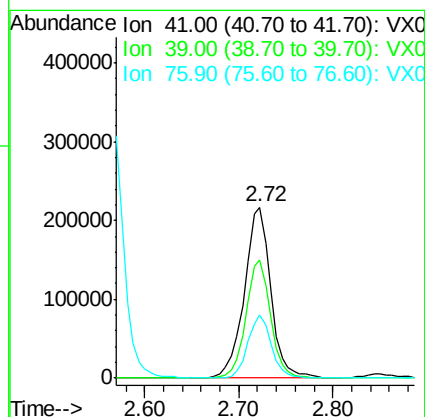
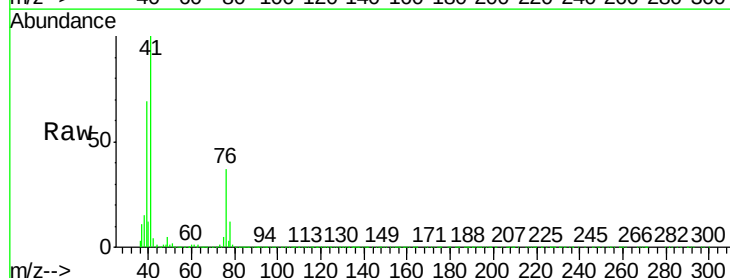
Tgt Ion: 41 Resp: 426534

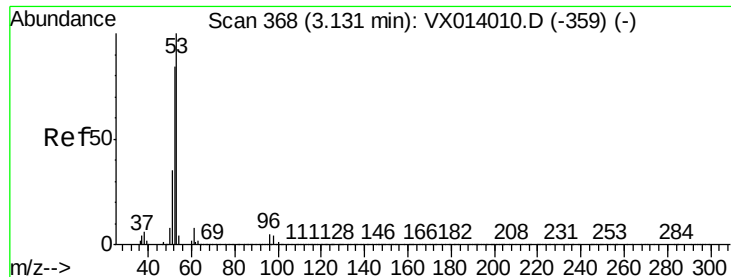
Ion Ratio Lower Upper

41 100

39 63.7 51.8 77.8

76 32.8 25.9 38.9





#15

Acrylonitrile

Concen: 257.351 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

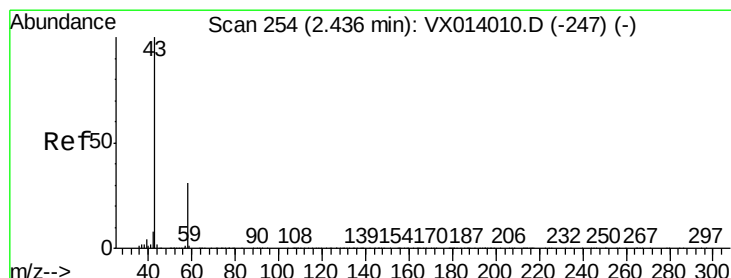
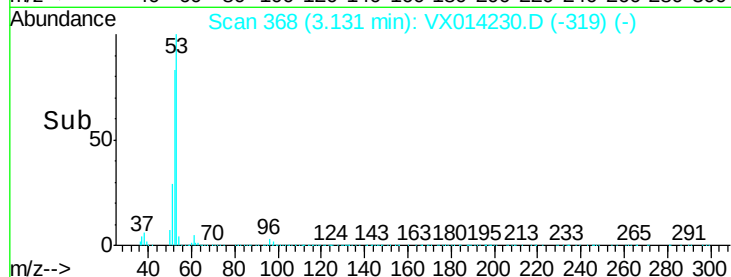
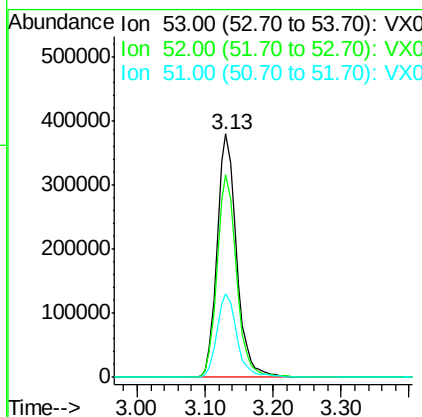
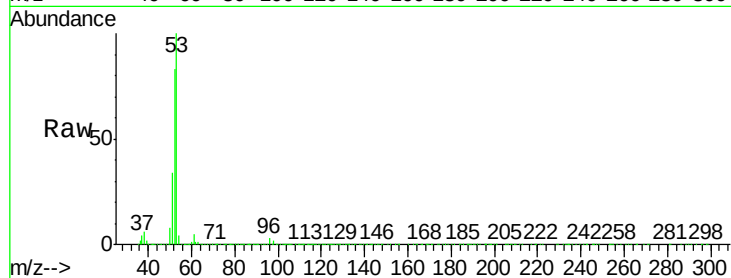
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	752780
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.5	99.7
51	35.4	28.1	42.1

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#16

Acetone

Concen: 214.633 ug/l

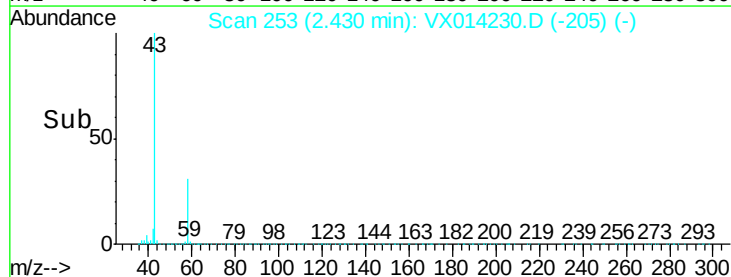
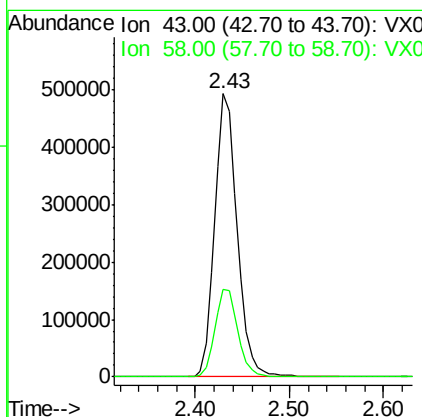
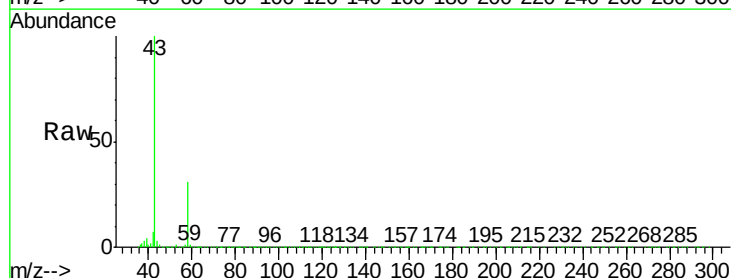
RT: 2.43 min Scan# 253

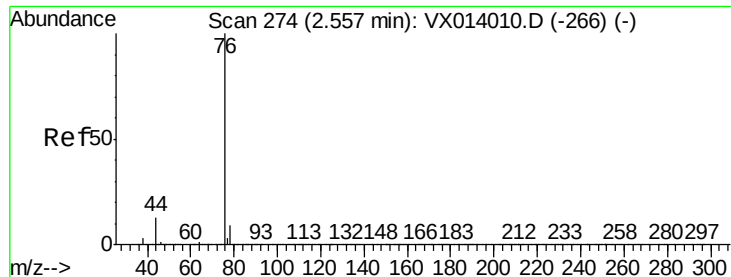
Delta R.T. -0.01 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Tgt Ion:	43	Resp:	808174
Ion Ratio	Lower	Upper	
43	100		
58	30.7	24.9	37.3





#17

Carbon Disulfide

Concen: 44.014 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 600253

Ion Ratio Lower Upper

76 100

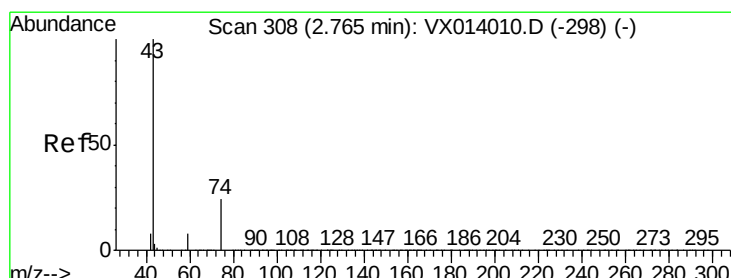
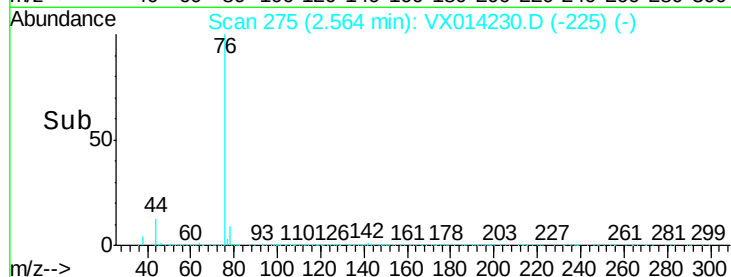
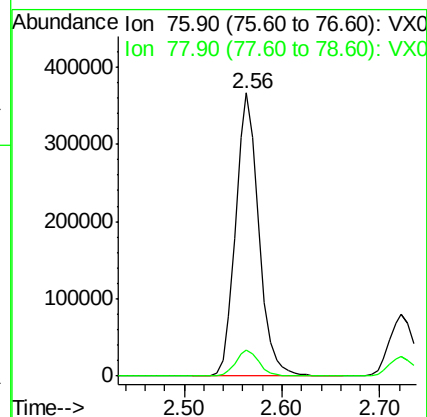
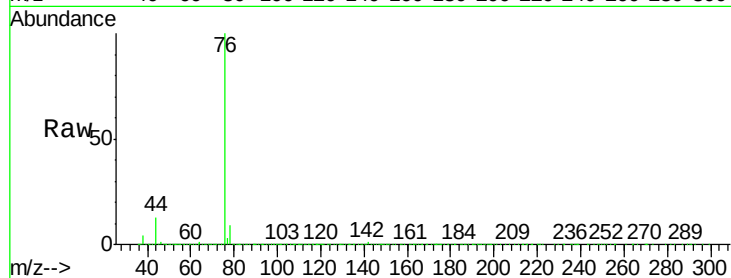
78 9.0 7.2 10.8

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#18

Methyl Acetate

Concen: 55.637 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014230.D

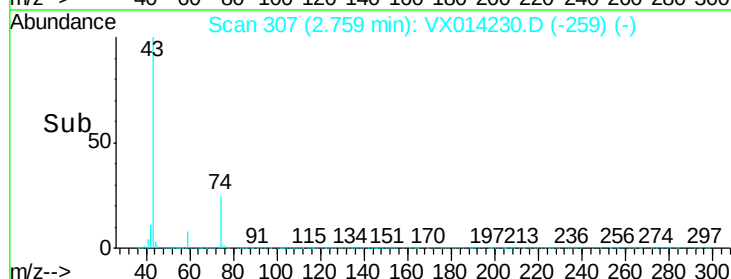
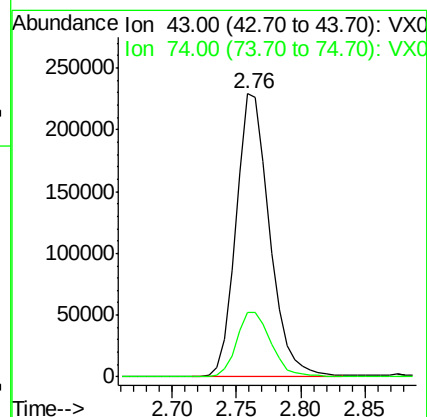
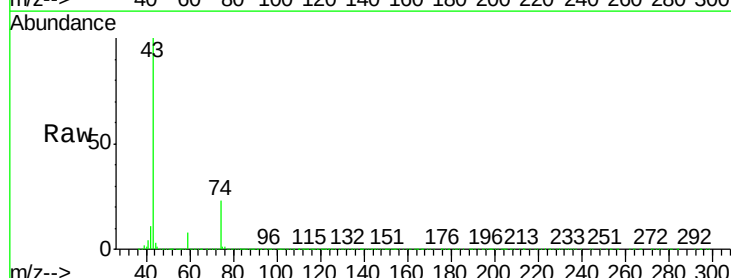
Acq: 24 Dec 2019 03:14

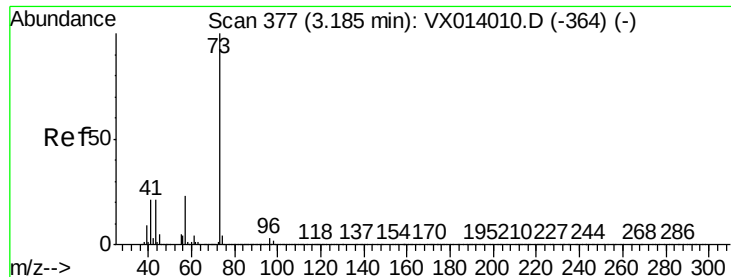
Tgt Ion: 43 Resp: 415120

Ion Ratio Lower Upper

43 100

74 23.9 19.5 29.3





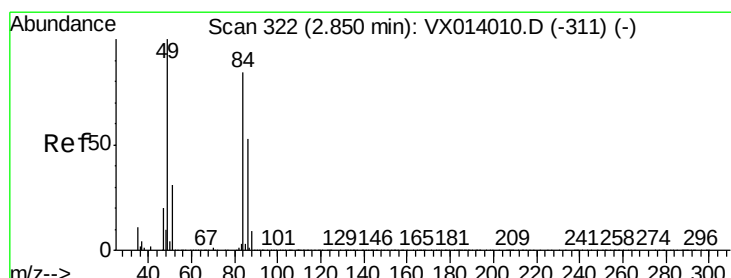
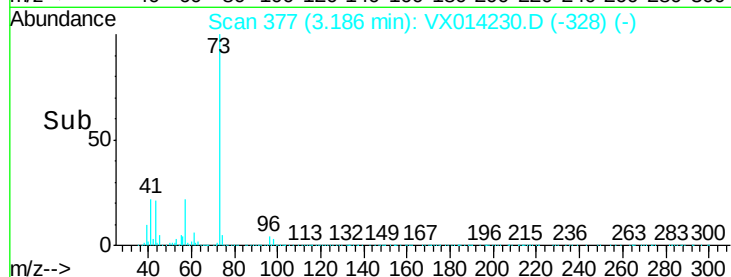
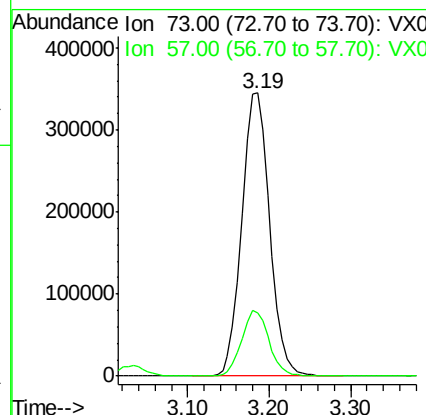
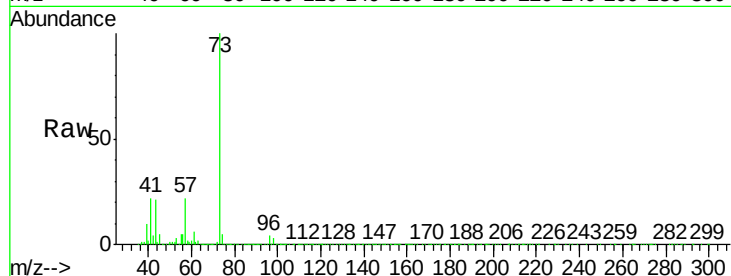
#19
Methyl tert-butyl Ether
Concen: 50.373 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	18.8	28.2

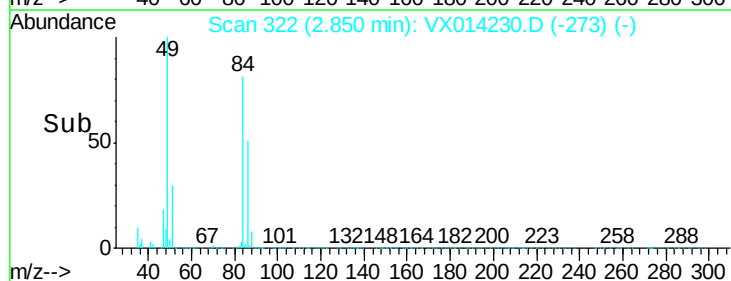
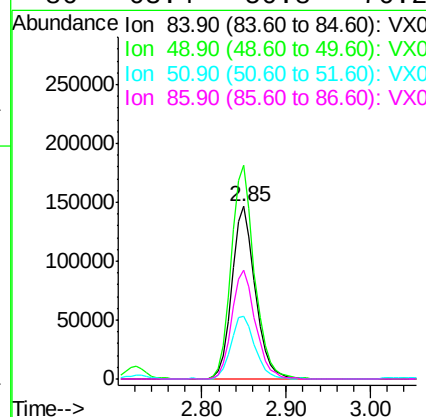
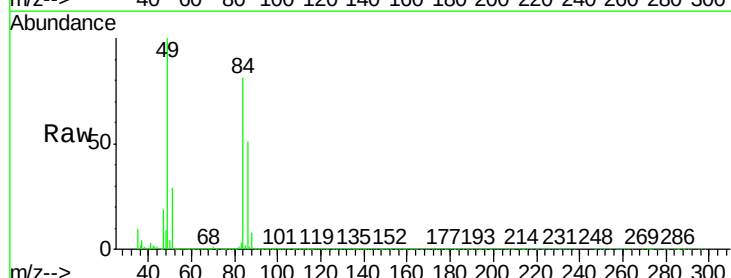
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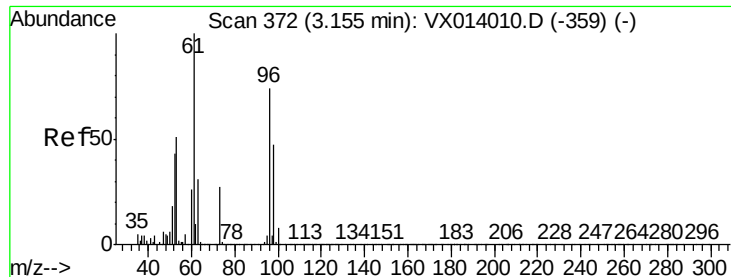
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#20
Methylene Chloride
Concen: 46.508 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.9	95.8	143.6
51	36.3	29.8	44.8
86	63.4	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 47.603 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

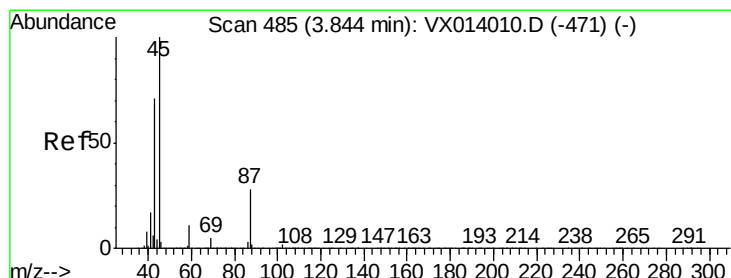
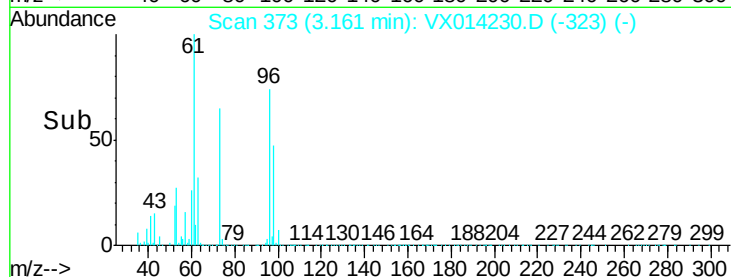
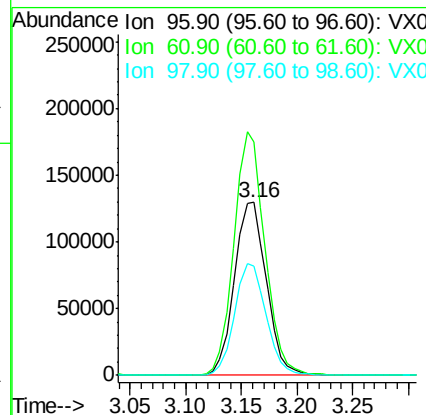
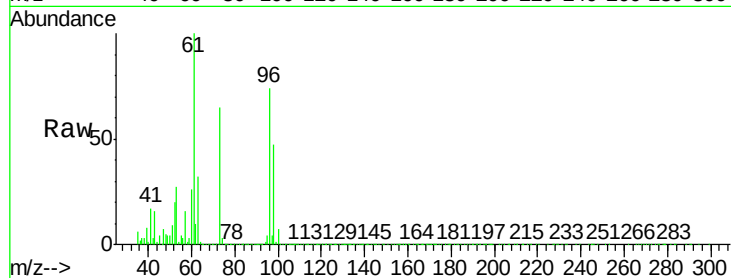
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	258162
Ion Ratio	Lower	Upper	
96	100		
61	134.6	108.3	162.5
98	63.5	50.8	76.2

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#22

Diisopropyl ether

Concen: 50.090 ug/l

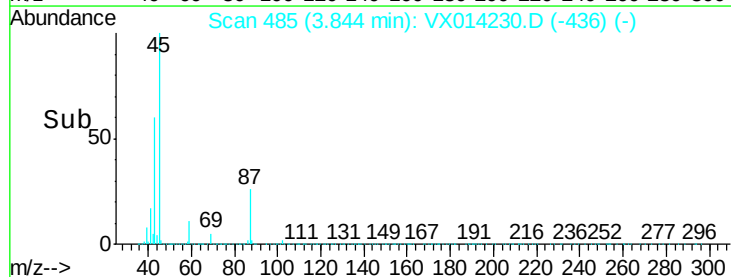
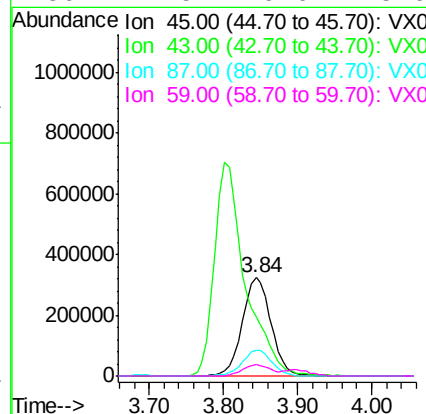
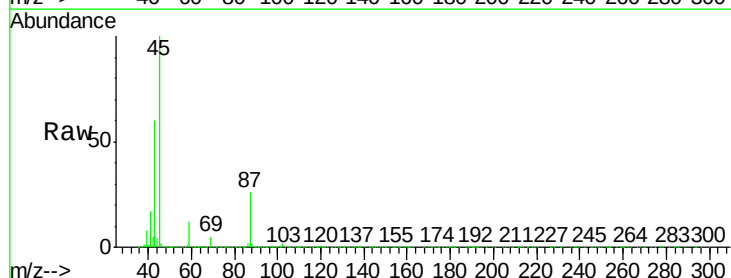
RT: 3.84 min Scan# 485

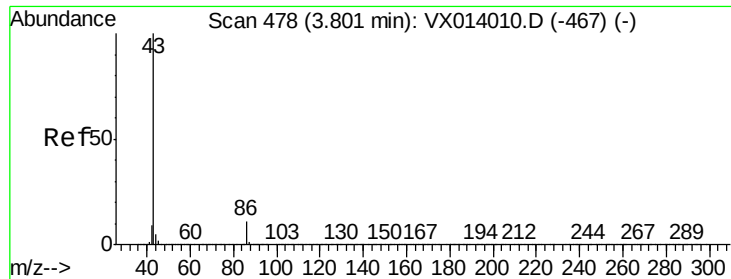
Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Tgt Ion:	45	Resp:	877307
Ion Ratio	Lower	Upper	
45	100		
43	59.6	57.4	86.0
87	26.2	21.9	32.9
59	11.5	9.0	13.6





#23

Vinyl Acetate

Concen: 141.716 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 202540

Ion Ratio Lower Upper

43 100

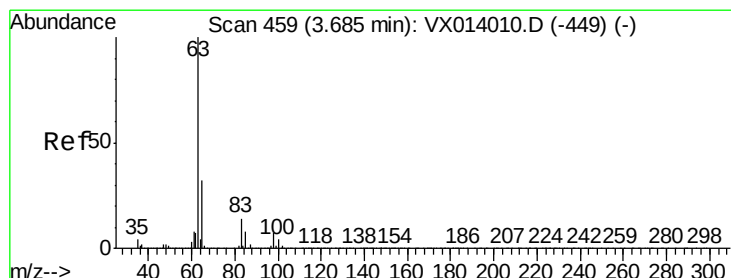
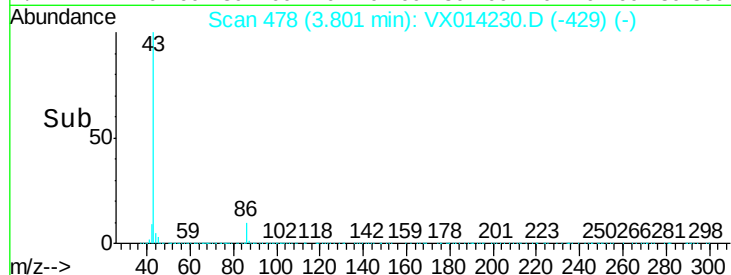
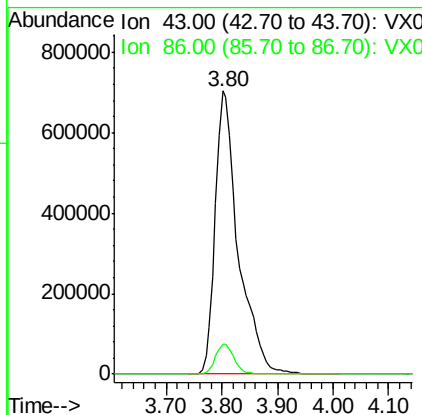
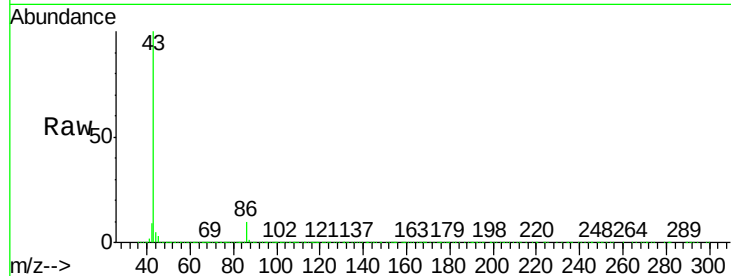
86 10.4 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 49.199 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

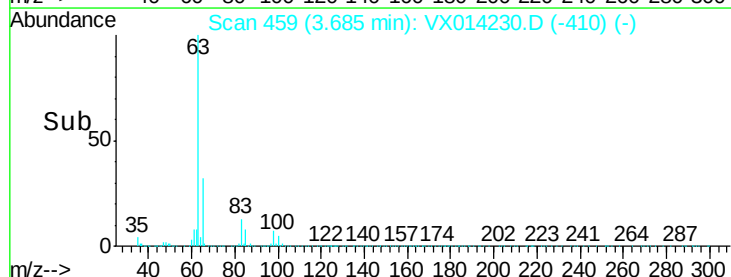
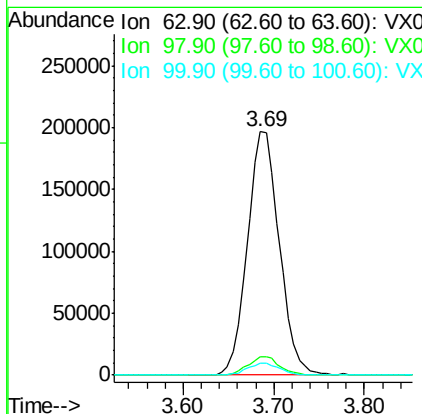
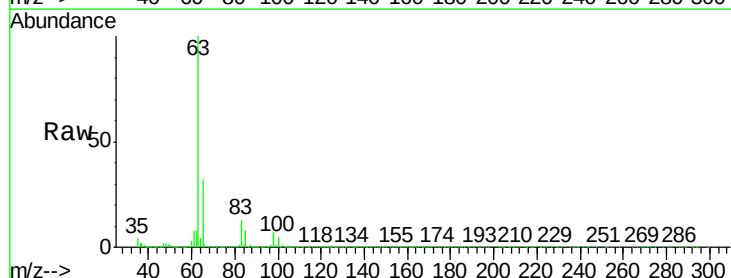
Tgt Ion: 63 Resp: 479422

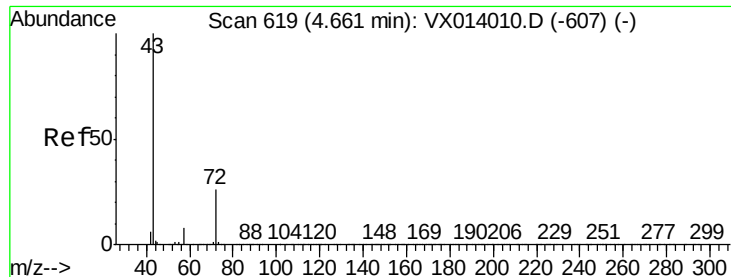
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 242.673 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1126551

Ion Ratio Lower Upper

43 100

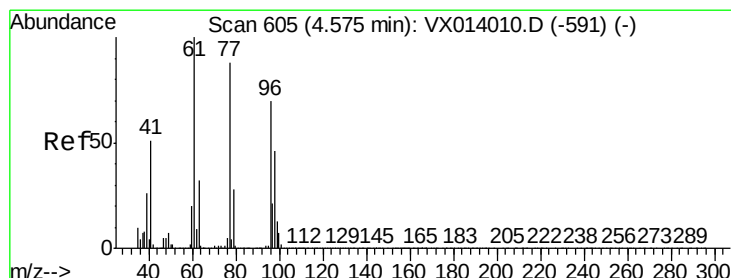
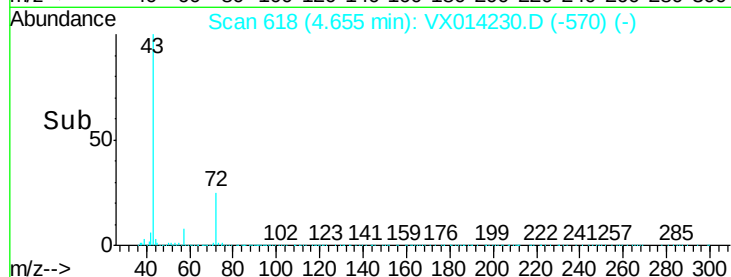
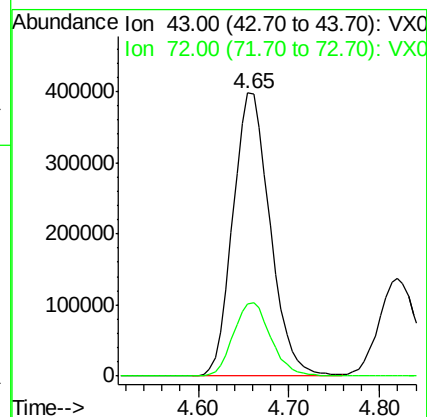
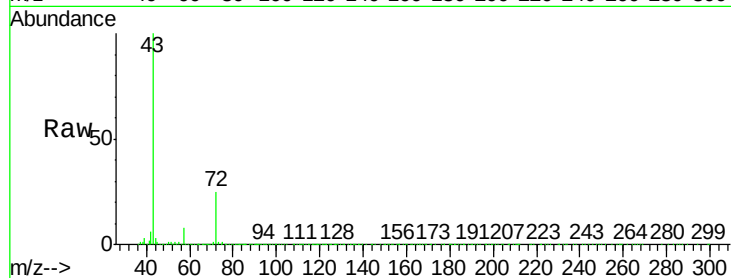
72 25.3 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 38.644 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014230.D

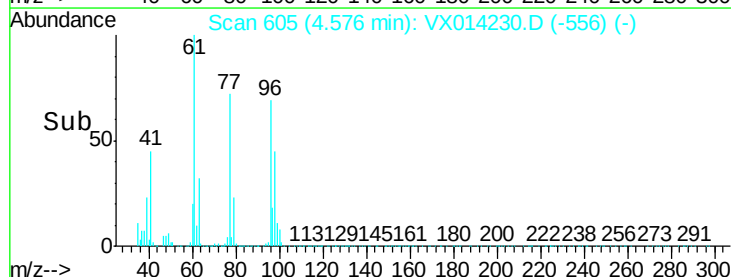
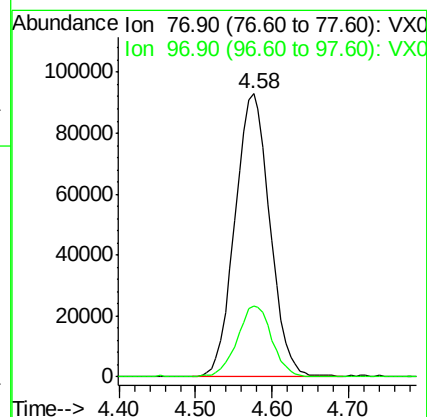
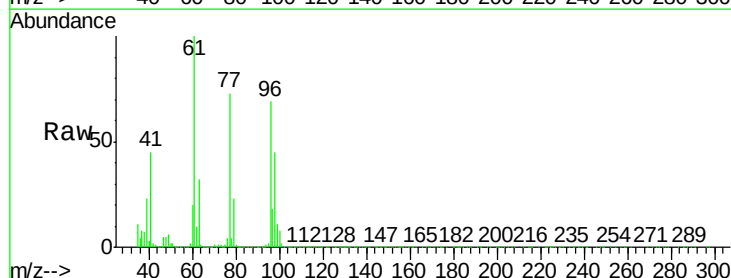
Acq: 24 Dec 2019 03:14

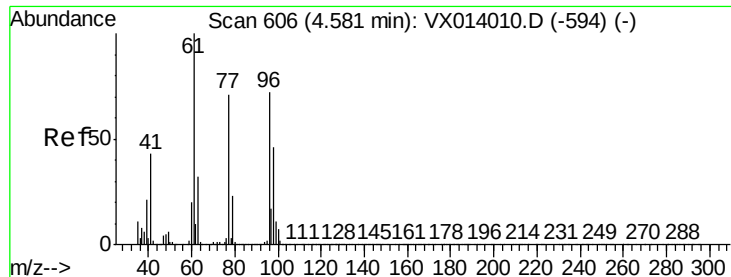
Tgt Ion: 77 Resp: 292370

Ion Ratio Lower Upper

77 100

97 25.1 11.9 35.9





#27

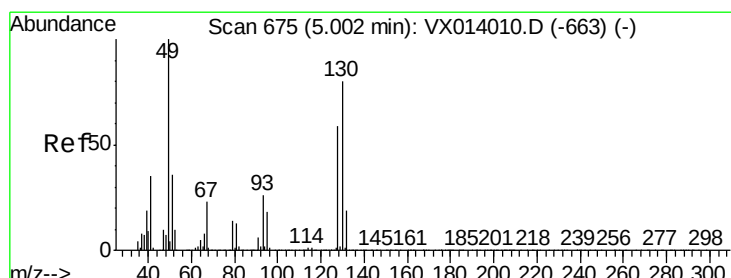
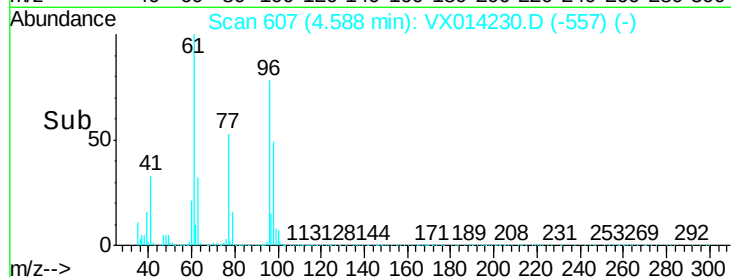
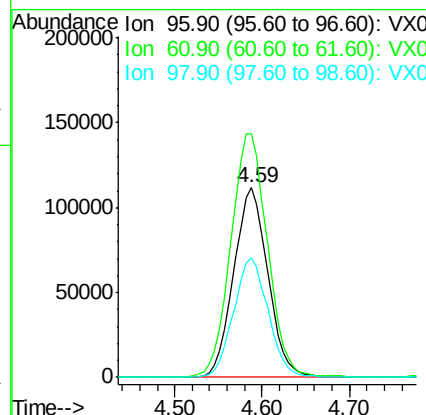
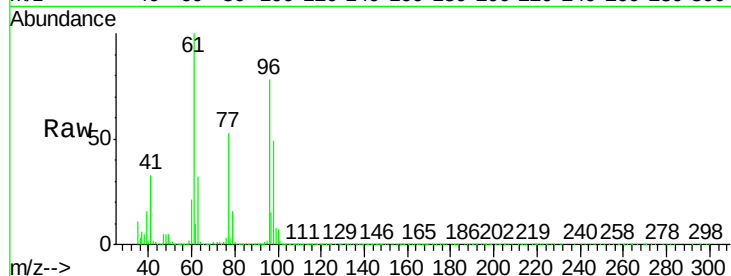
cis-1,2-Dichloroethene
Concen: 49.714 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	304917		
61	136.8	0.0	288.4	
98	63.3	0.0	129.6	

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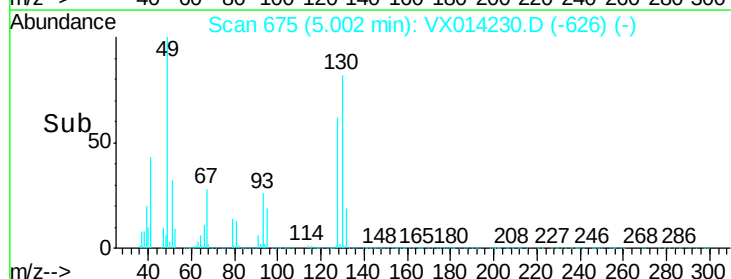
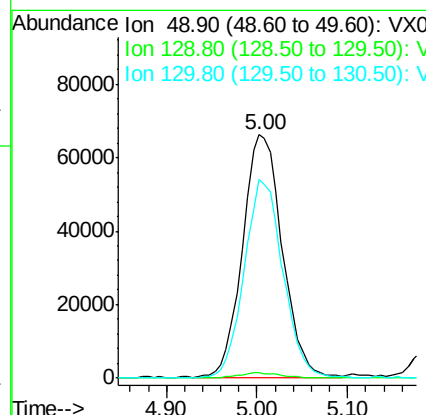
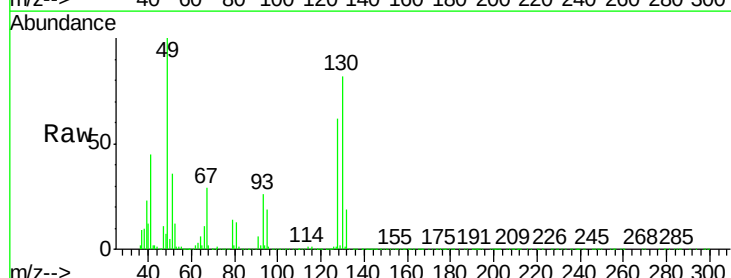
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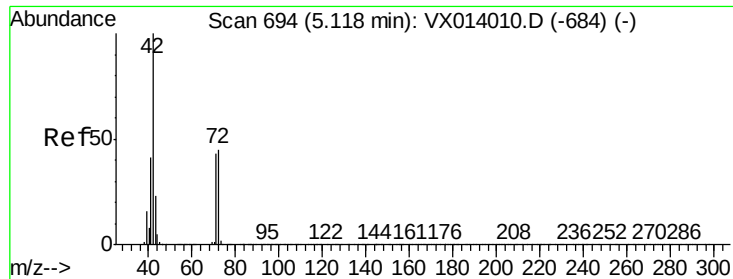


#28

Bromochloromethane
Concen: 53.469 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	200500		
129	2.4	0.0	5.0	
130	79.9	64.6	97.0	





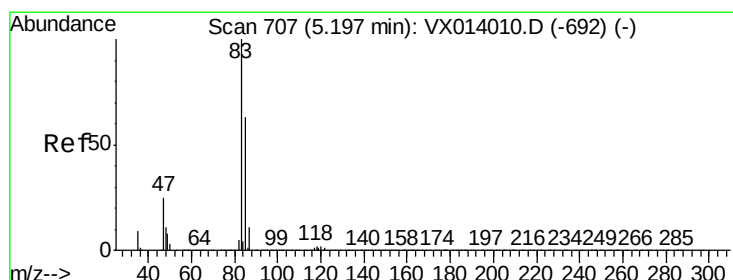
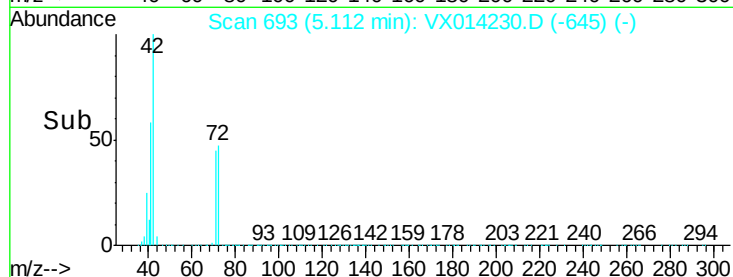
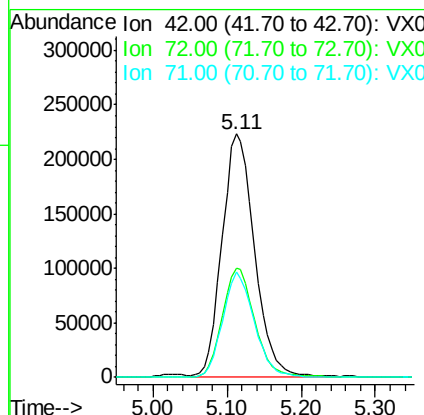
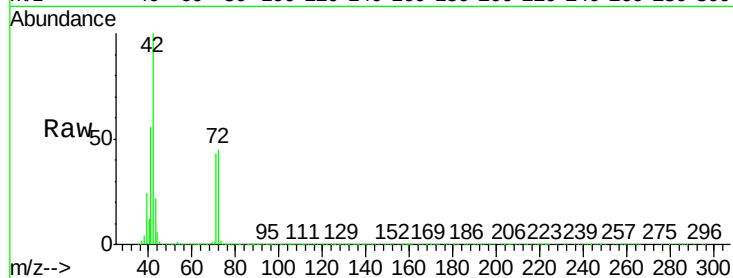
#29
Tetrahydrofuran
Concen: 259.791 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	674557
Ion Ratio		Lower	Upper
42	100		
72	45.0	35.8	53.8
71	42.4	33.6	50.4

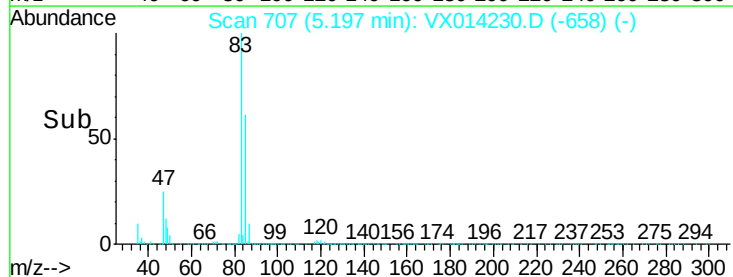
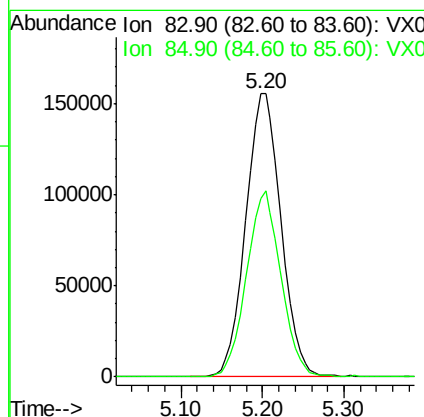
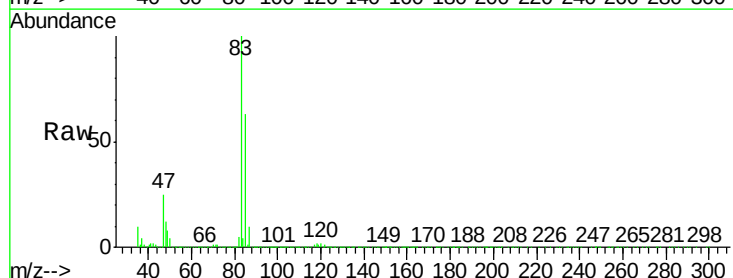
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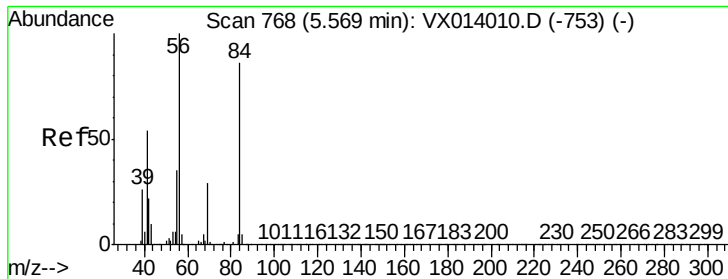
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#30
Chloroform
Concen: 50.558 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion:	83	Resp:	467034
Ion Ratio		Lower	Upper
83	100		
85	62.8	50.8	76.2





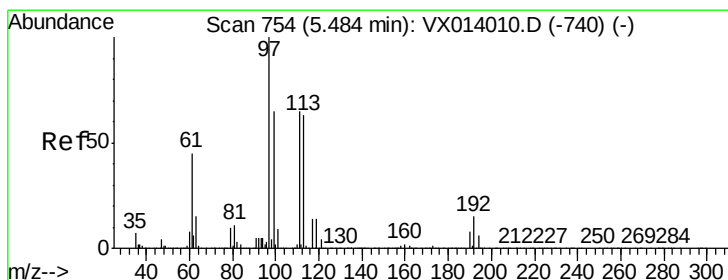
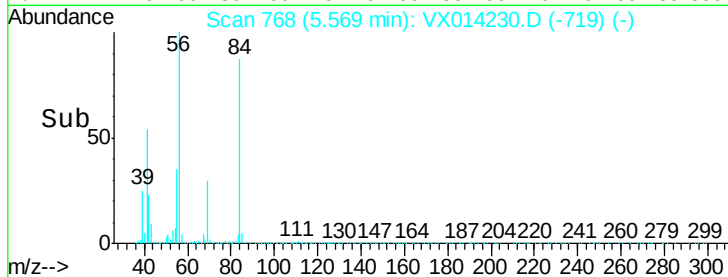
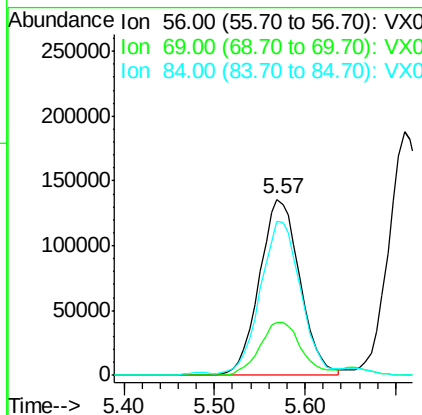
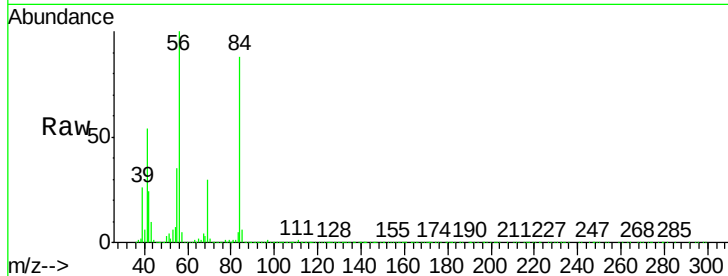
#31
Cyclohexane
Concen: 48.059 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.2	34.8
84	86.5	69.2	103.8

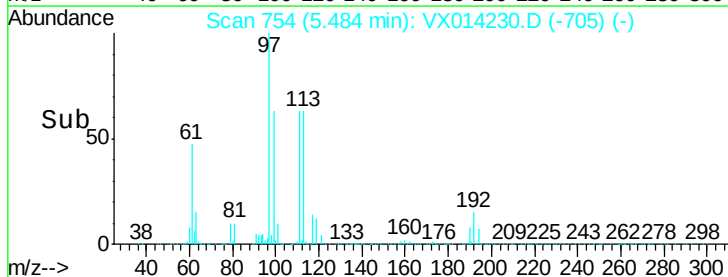
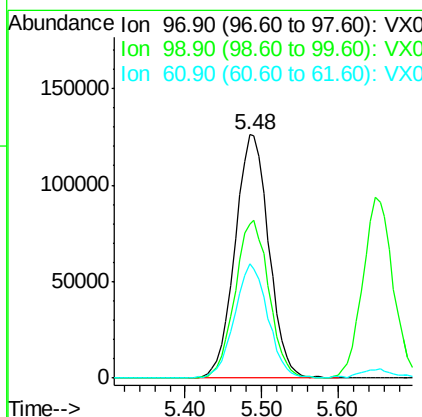
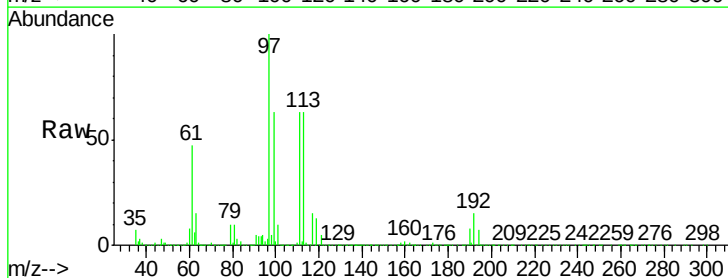
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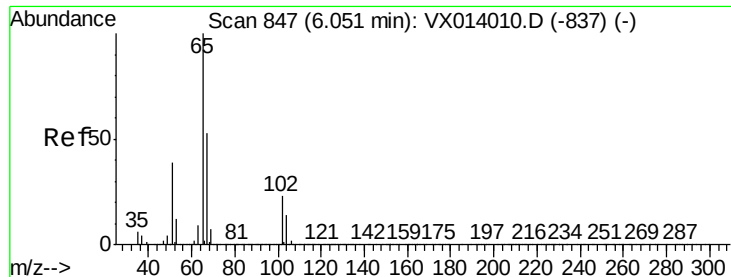
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#32
1,1,1-Trichloroethane
Concen: 48.947 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.0	78.0
61	46.6	36.7	55.1





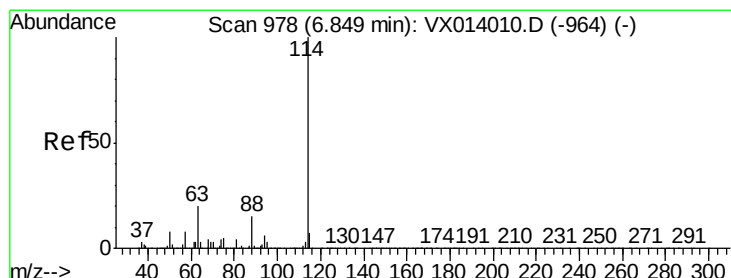
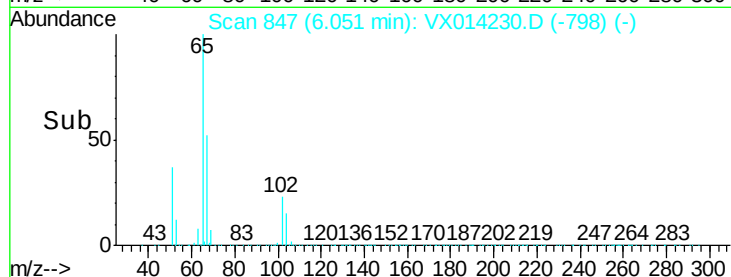
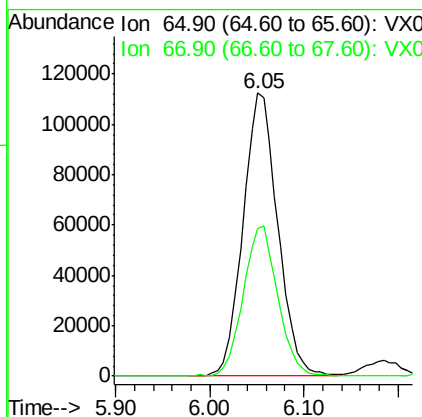
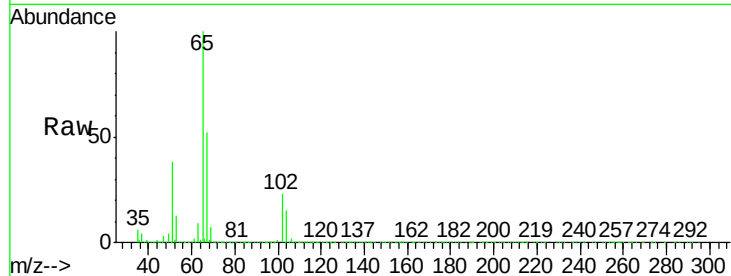
#33
 1,2-Dichloroethane-d4
 Concen: 49.826 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014230.D
 Acq: 24 Dec 2019 03:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	288986		
67	52.5	0.0	106.4	

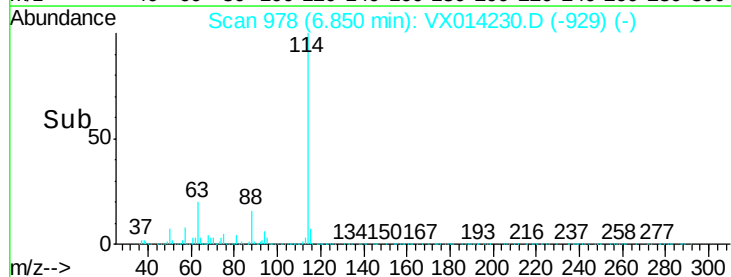
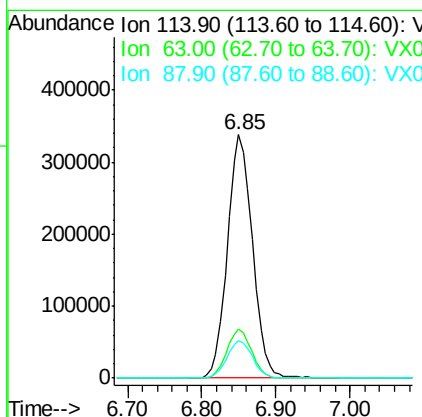
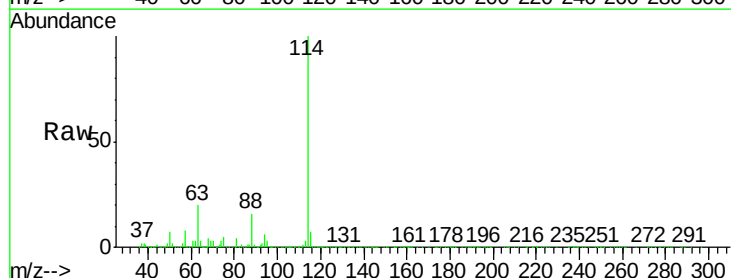
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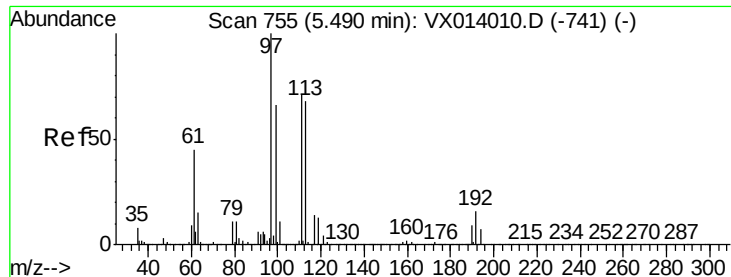
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014230.D
 Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	797567		
63	20.1	0.0	40.8	
88	15.5	0.0	30.4	





#35

Dibromofluoromethane

Concen: 48.743 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

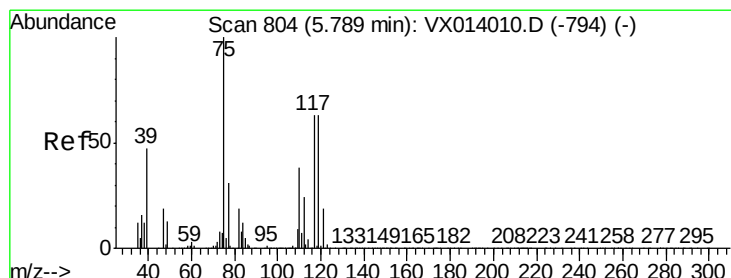
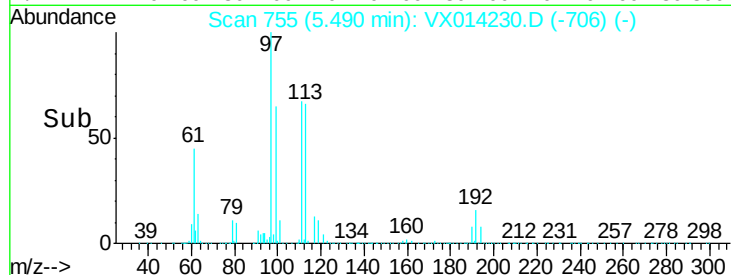
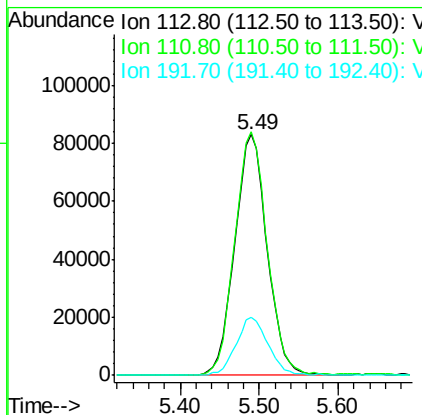
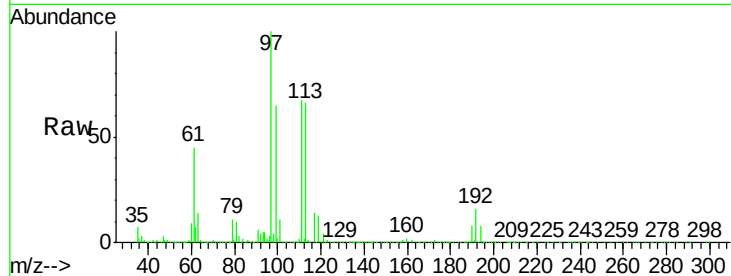
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	236324
Ion Ratio	Lower	Upper	
113	100		
111	101.3	82.0	123.0
192	23.6	19.3	28.9

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#36

1,1-Dichloropropene

Concen: 47.922 ug/l

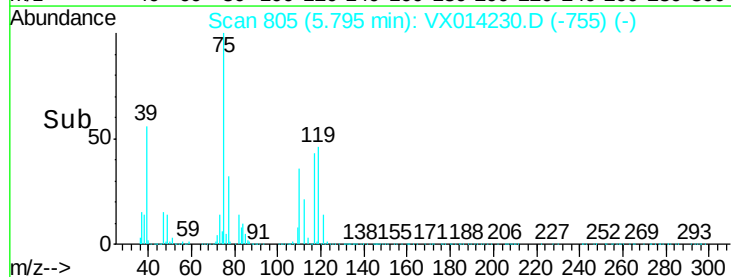
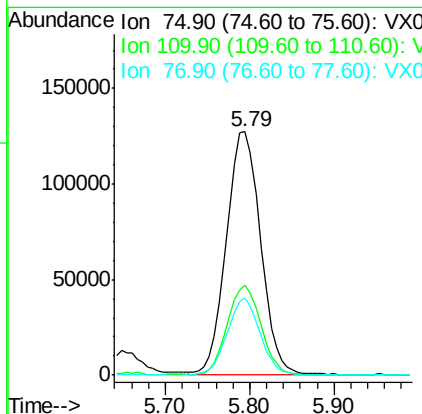
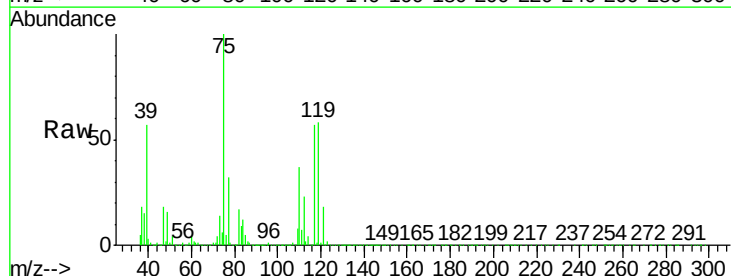
RT: 5.79 min Scan# 805

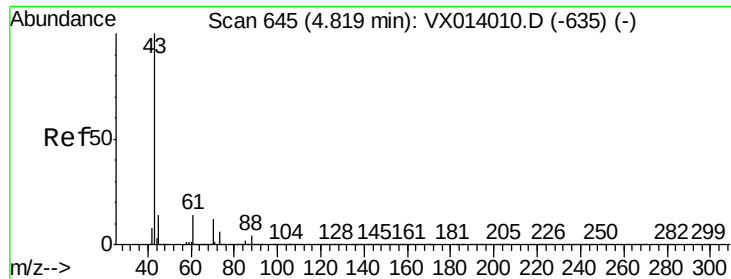
Delta R.T. 0.01 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Tgt Ion:	75	Resp:	350699
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.3	54.9
77	30.0	24.8	37.2





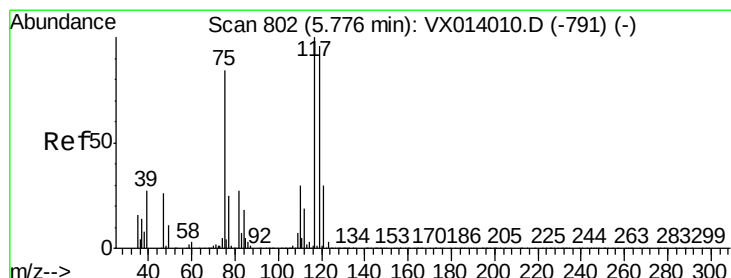
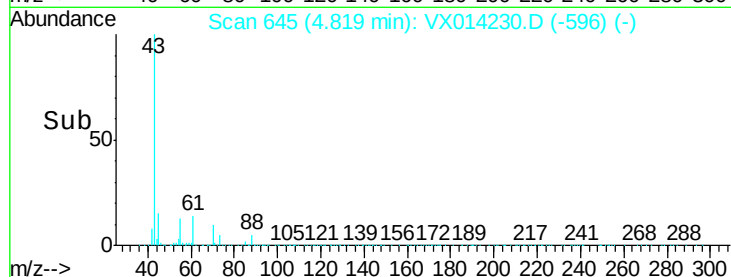
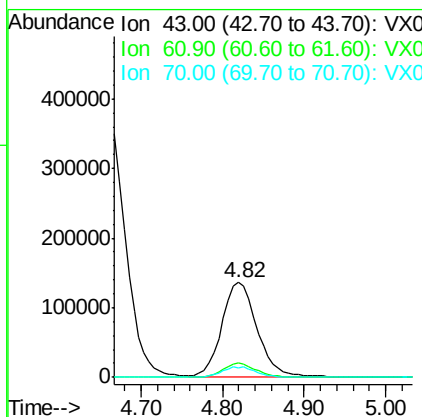
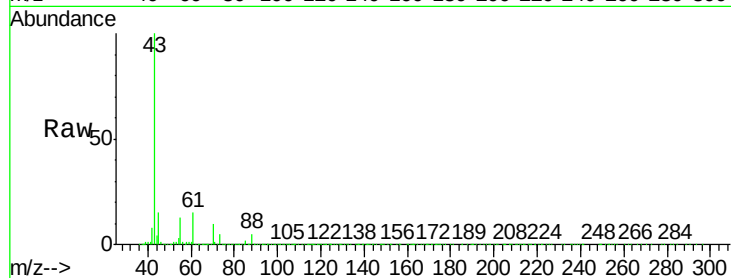
#37
Ethyl Acetate
Concen: 49.823 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	402633
Ion Ratio	Lower	Upper	
43	100		
61	13.7	10.8	16.2
70	11.2	8.6	12.8

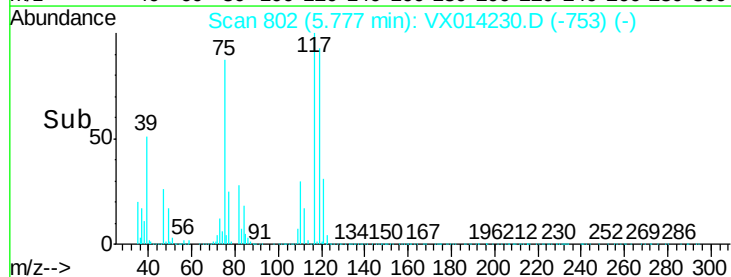
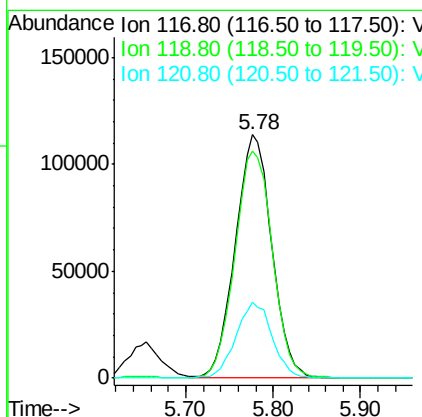
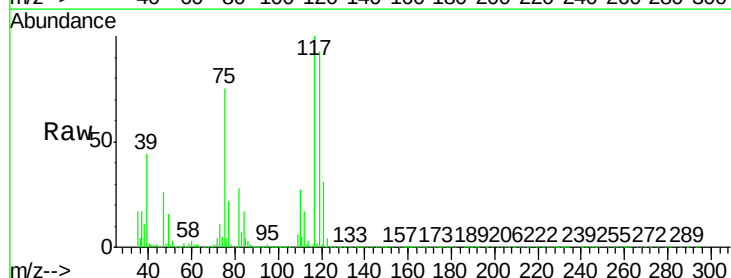
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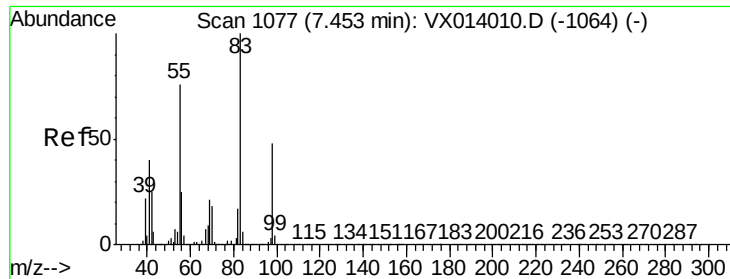
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#38
Carbon Tetrachloride
Concen: 49.284 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion	117	Resp	328564
Ion Ratio	Lower	Upper	
117	100		
119	93.3	76.2	114.4
121	31.1	23.6	35.4





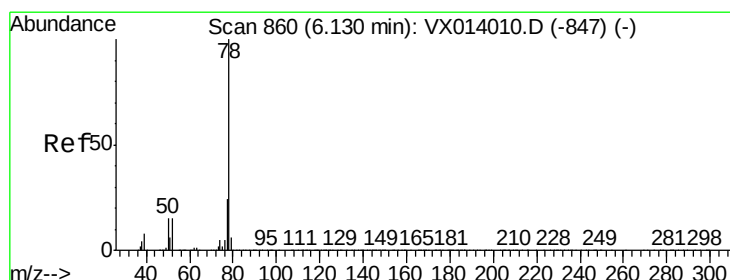
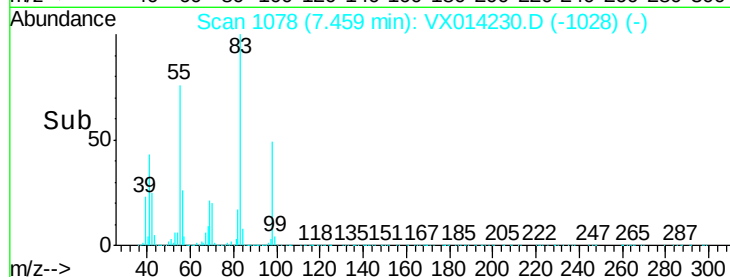
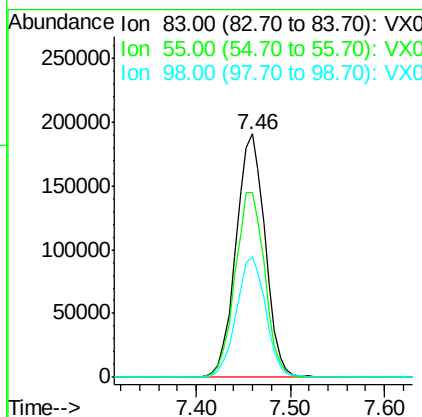
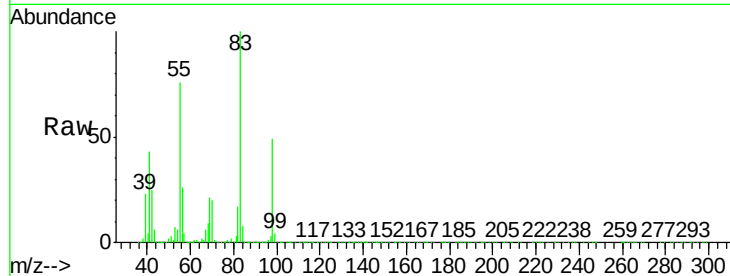
#39
Methylvlcyclohexane
Concen: 45.456 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	61.0	91.6
98	49.3	38.6	57.8

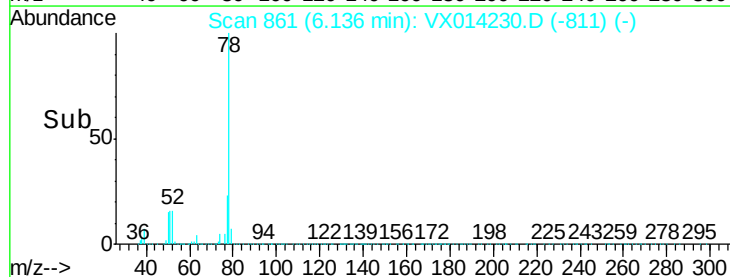
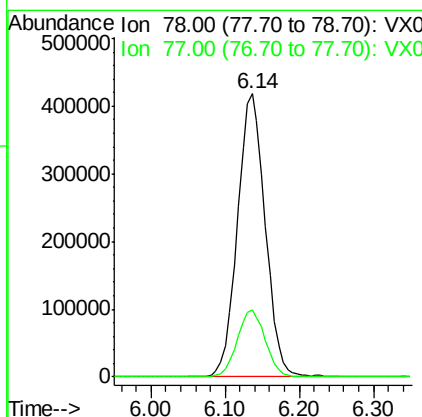
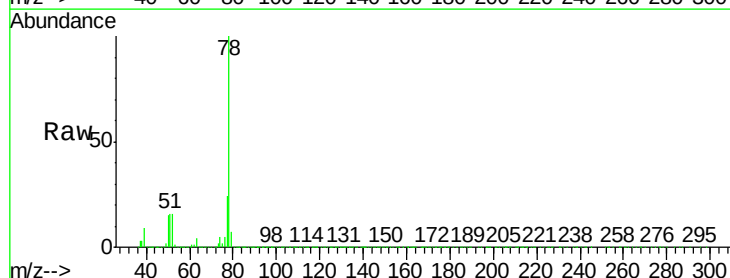
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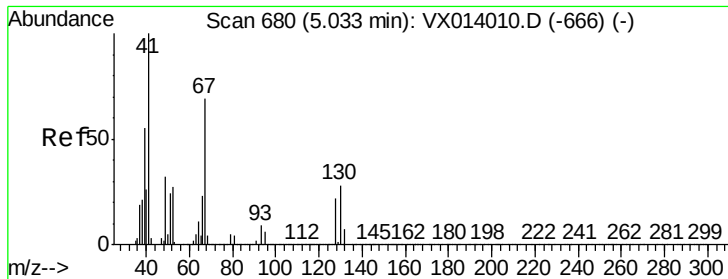
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#40
Benzene
Concen: 48.530 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





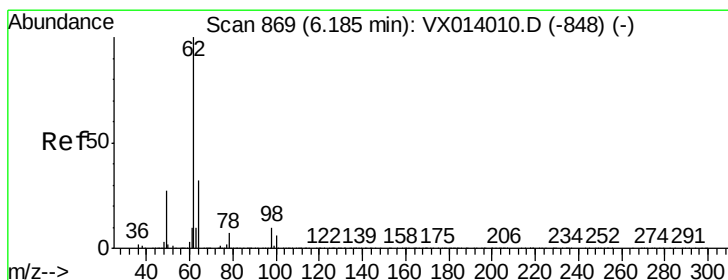
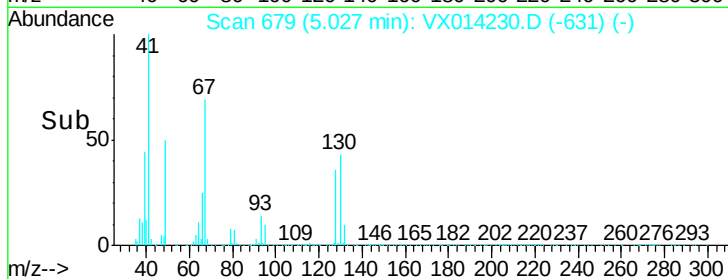
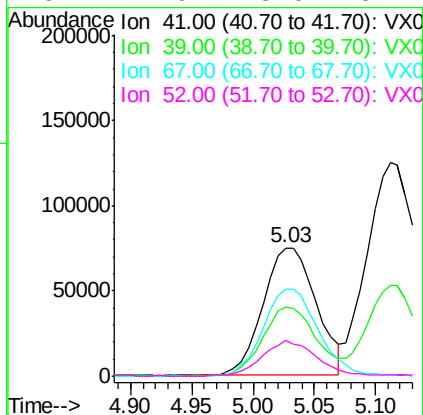
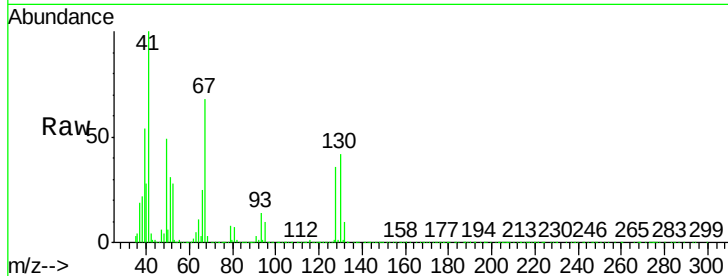
#41
Methacrylonitrile
Concen: 50.782 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.6	44.5	66.7
67	69.7	57.4	86.0
52	27.9	23.0	34.4

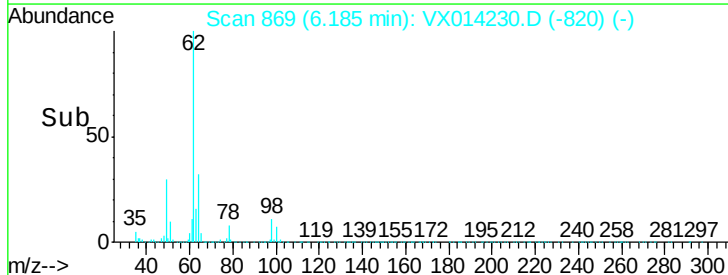
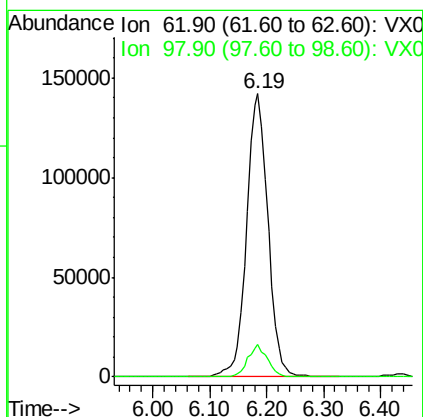
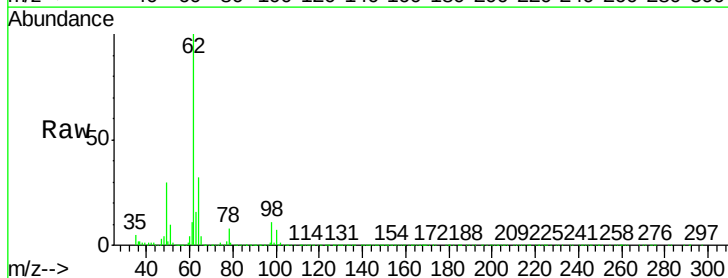
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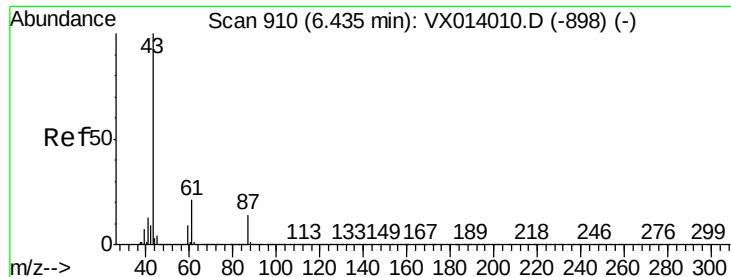
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#42
1,2-Dichloroethane
Concen: 48.361 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.0





#43

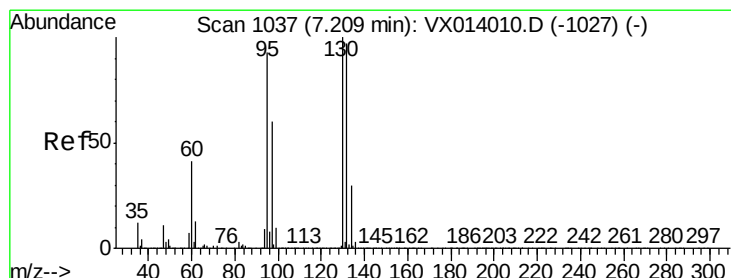
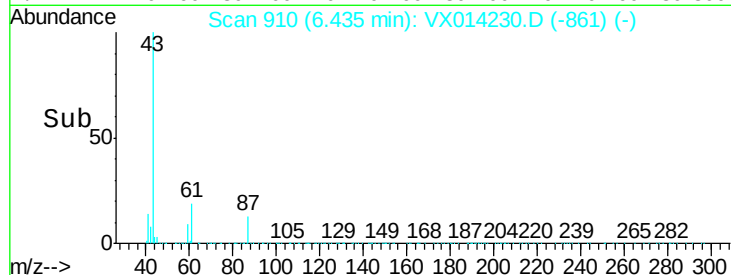
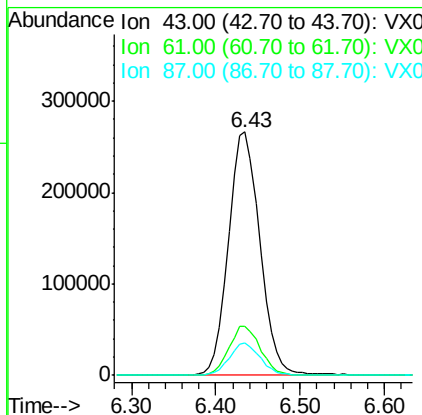
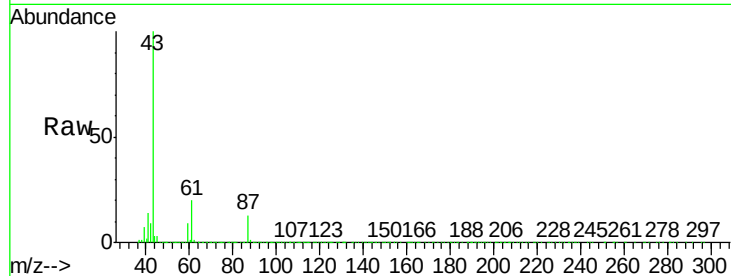
Isopropyl Acetate
 Concen: 50.237 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014230.D
 Acq: 24 Dec 2019 03:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.4	24.6
87	12.9	10.7	16.1

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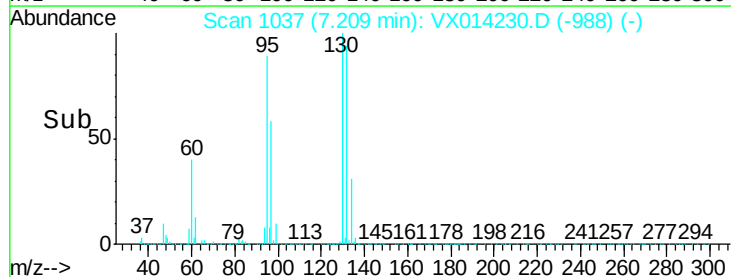
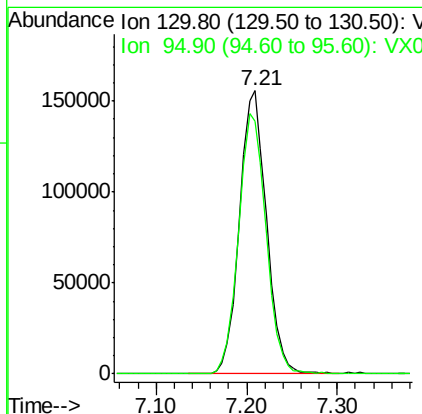
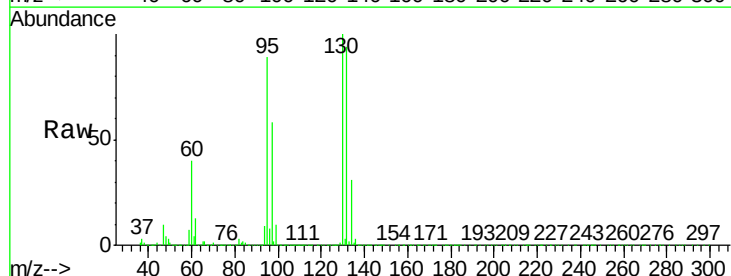
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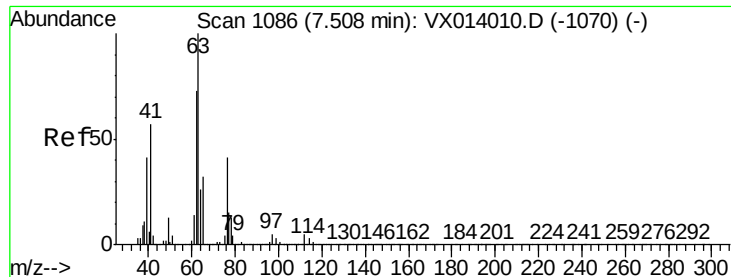


#44

Trichloroethene
 Concen: 51.689 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014230.D
 Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.3	0.0	185.6





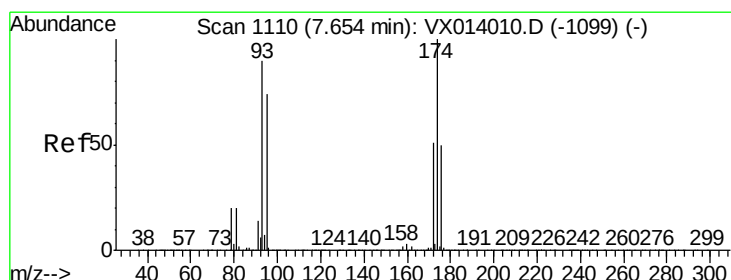
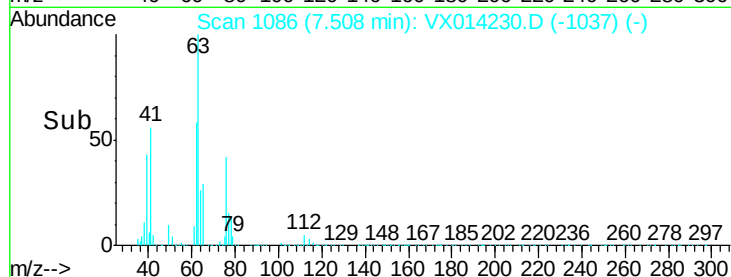
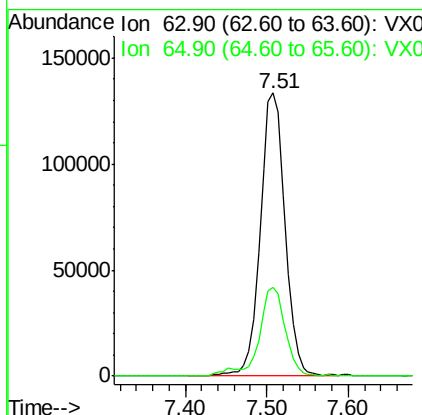
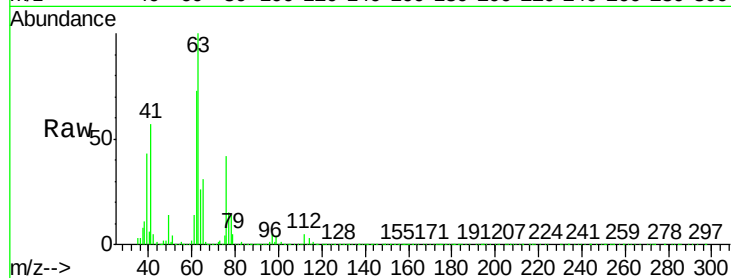
#45
 1,2-Dichloropropane
 Concen: 48.827 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014230.D
 Acq: 24 Dec 2019 03:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.8	38.8

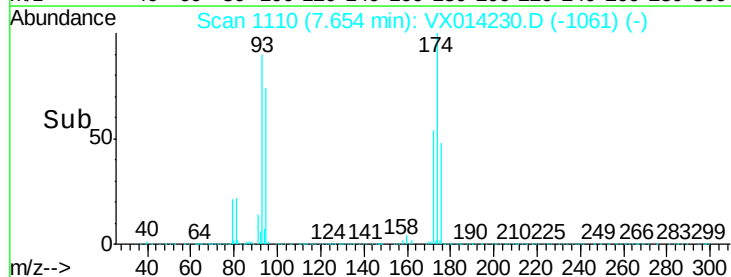
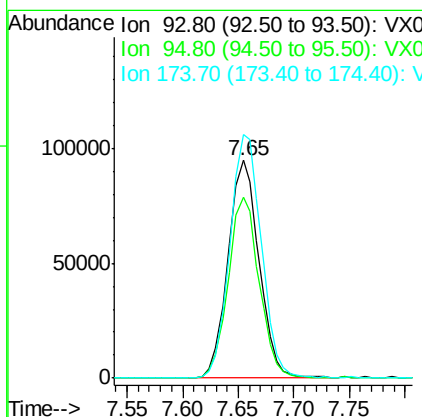
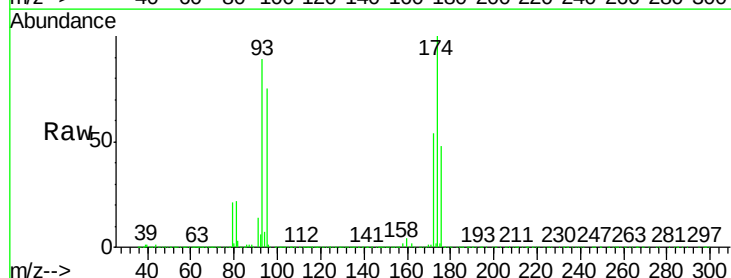
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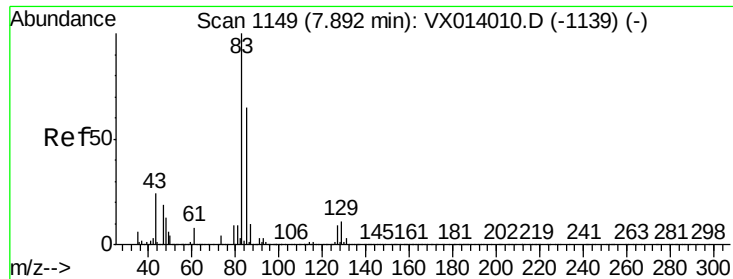
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#46
 Dibromomethane
 Concen: 48.170 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014230.D
 Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	67.3	100.9
174	112.8	91.6	137.4





#47

Bromodichloromethane

Concen: 50.124 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

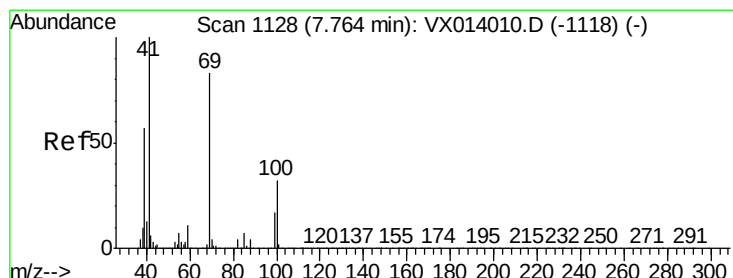
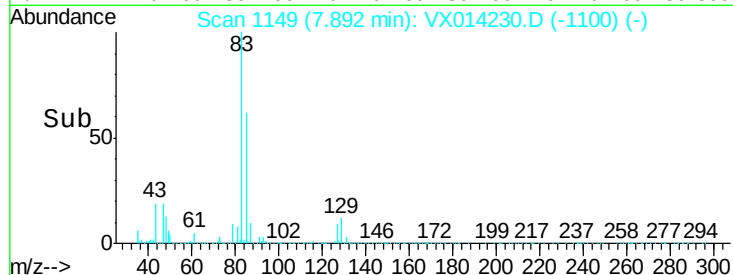
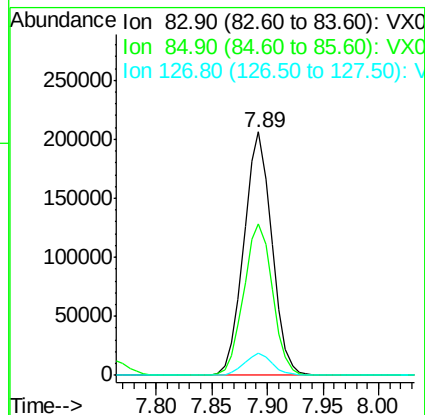
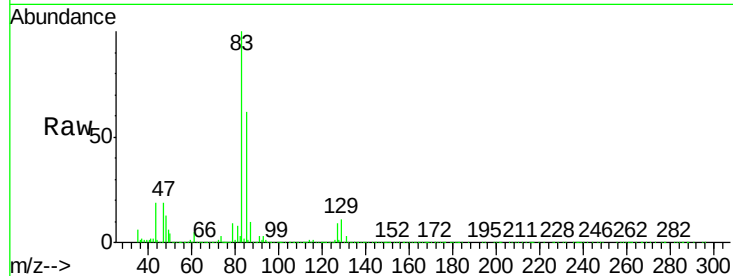
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	360204
Ion Ratio	Lower	Upper	
83	100		
85	62.0	51.8	77.8
127	9.2	7.0	10.4

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#48

Methyl methacrylate

Concen: 50.234 ug/l

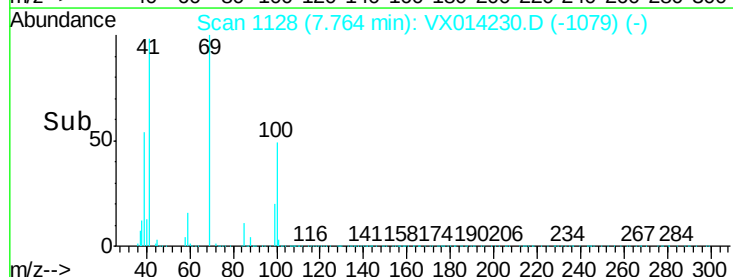
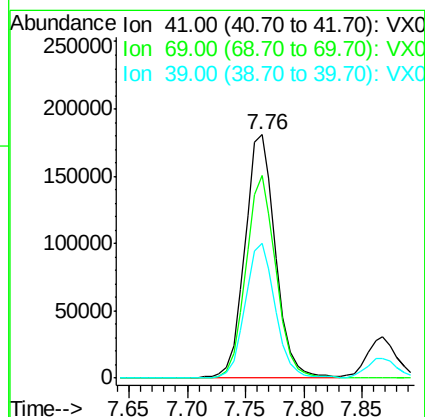
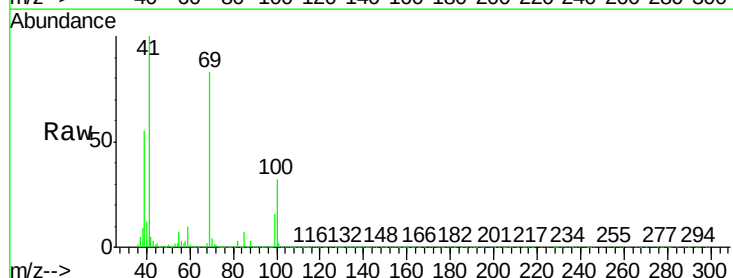
RT: 7.76 min Scan# 1128

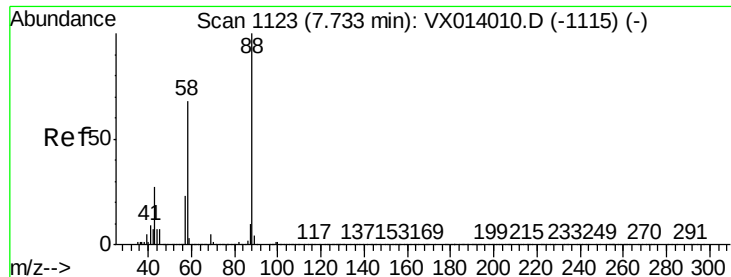
Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Tgt Ion:	41	Resp:	328979
Ion Ratio	Lower	Upper	
41	100		
69	82.3	65.8	98.6
39	54.5	44.6	67.0





#49

1,4-Dioxane

Concen: 957.324 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

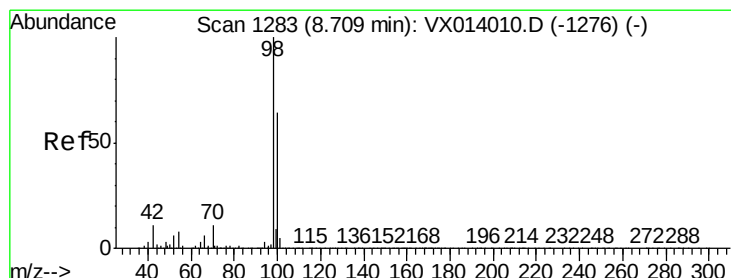
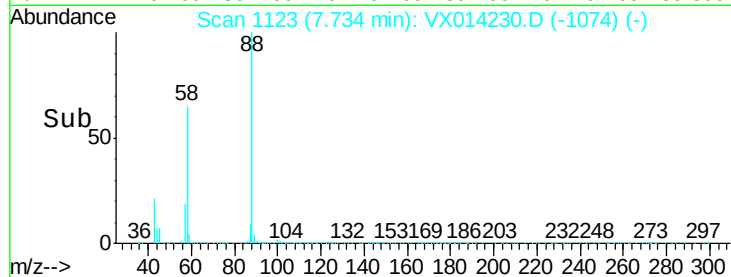
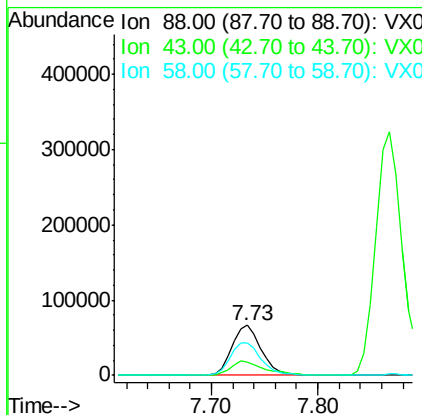
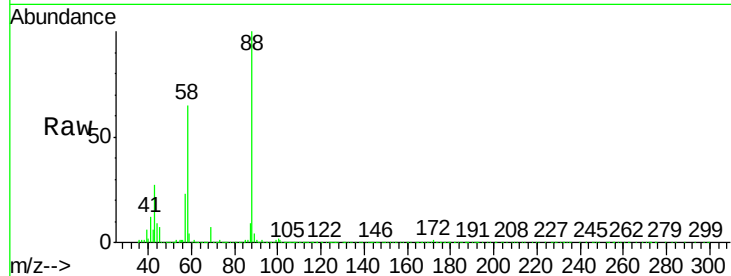
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	127585
Ion Ratio	Lower	Upper	
88	100		
43	31.9	26.5	39.7
58	69.1	56.8	85.2

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#50

Toluene-d8

Concen: 49.664 ug/l

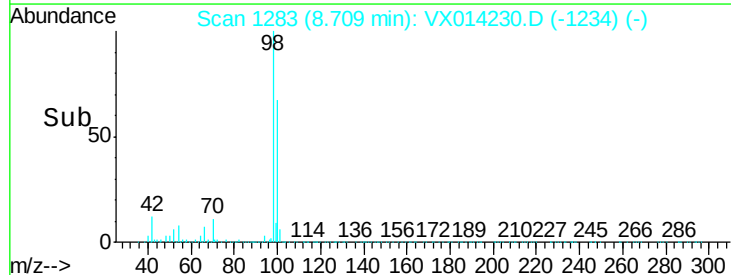
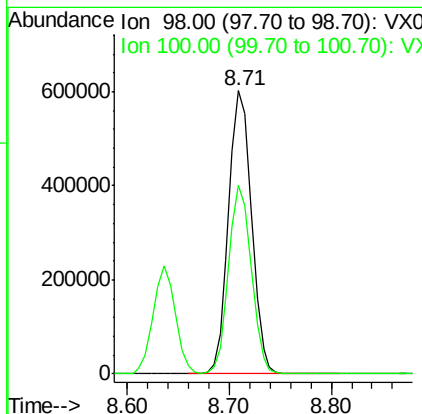
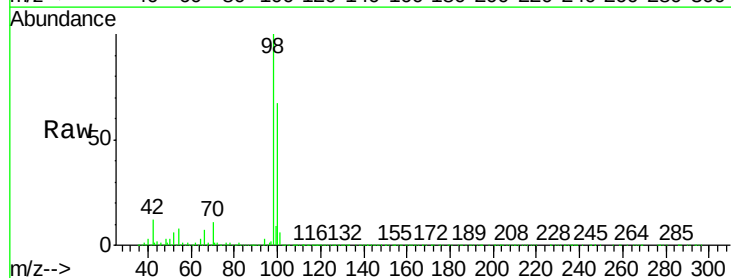
RT: 8.71 min Scan# 1283

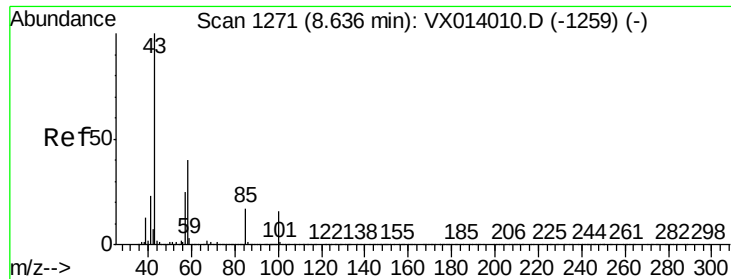
Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Tgt Ion:	98	Resp:	937451
Ion Ratio	Lower	Upper	
98	100		
100	65.5	52.9	79.3





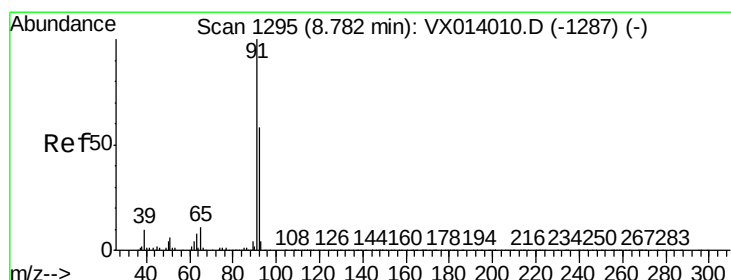
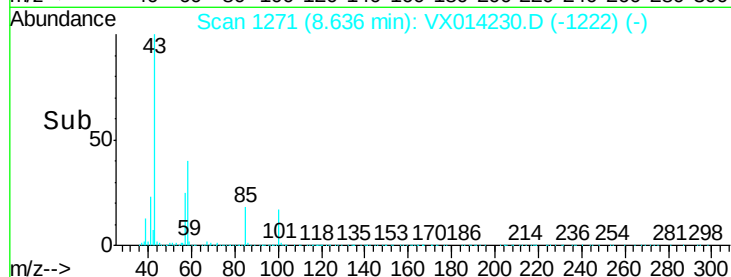
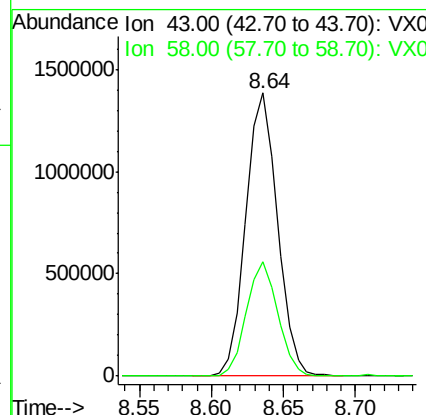
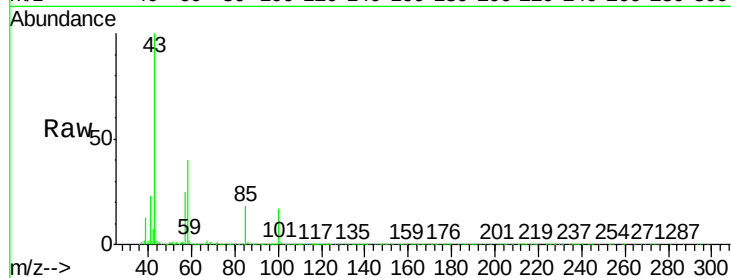
#51
4-Methyl-2-Pentanone
Concen: 251.702 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2114089
Ion Ratio Lower Upper
43 100
58 39.9 32.2 48.2

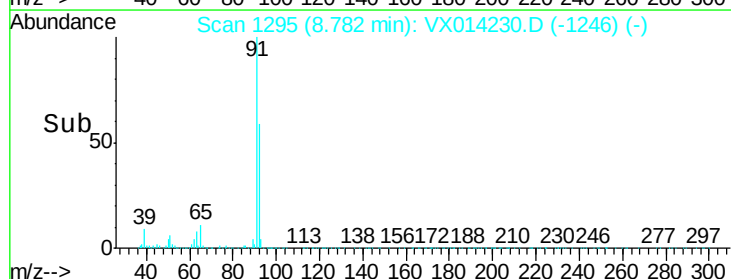
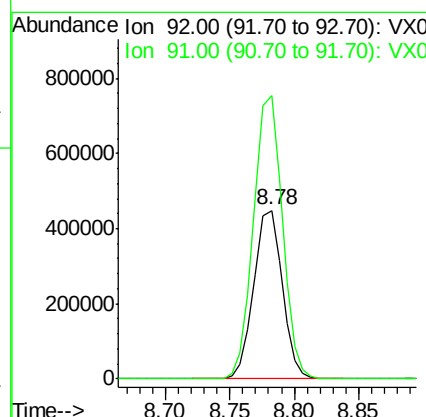
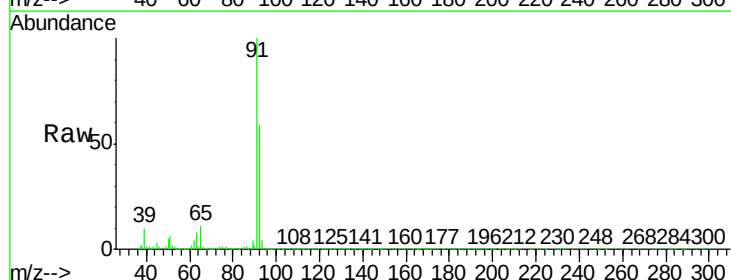
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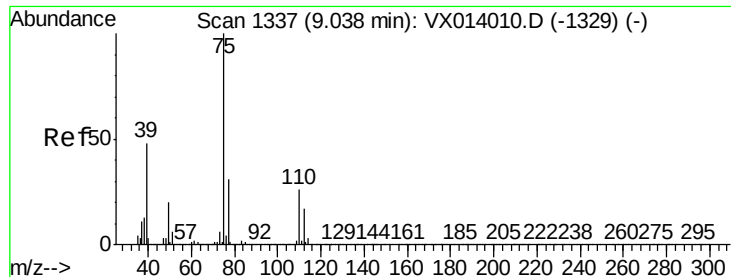
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#52
Toluene
Concen: 48.061 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion: 92 Resp: 684014
Ion Ratio Lower Upper
92 100
91 170.3 136.2 204.4





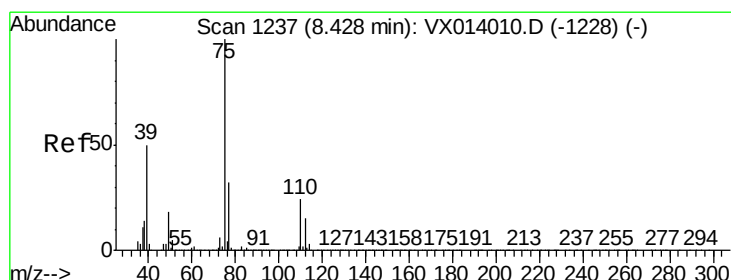
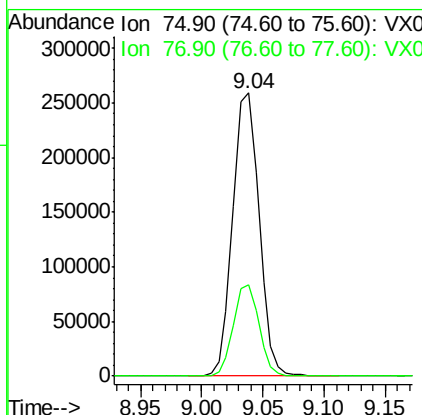
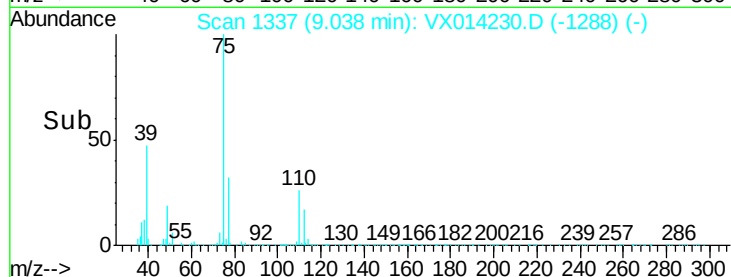
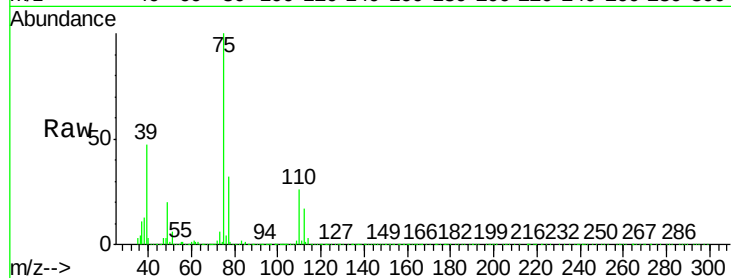
#53
t-1,3-Dichloropropene
Concen: 49.159 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.1	37.7

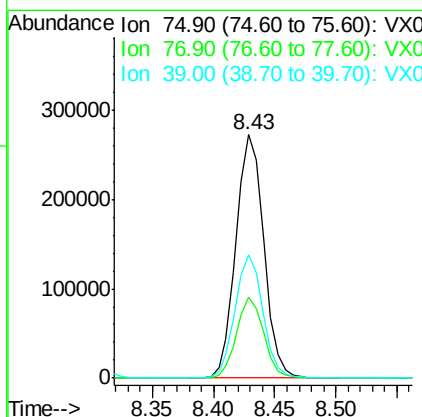
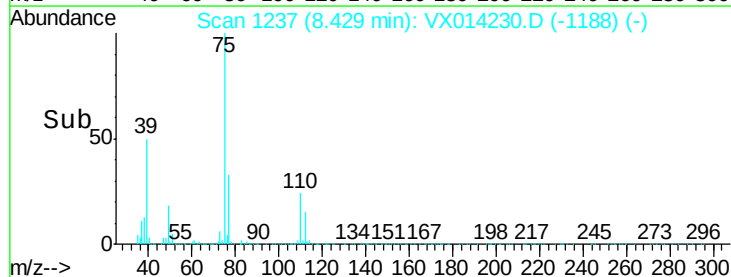
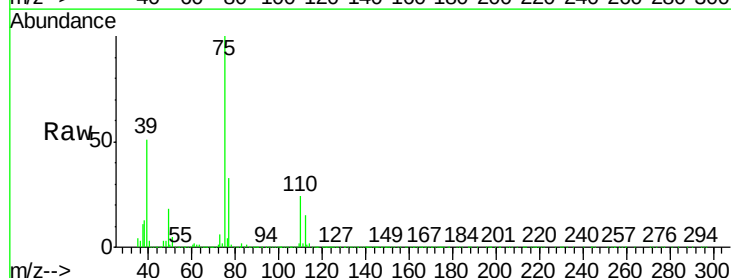
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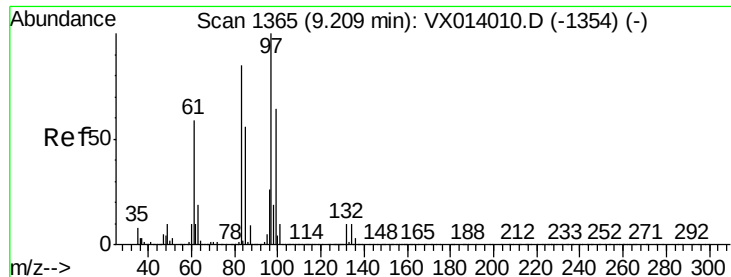
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#54
cis-1,3-Dichloropropene
Concen: 48.849 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.3	37.9
39	50.4	39.9	59.9





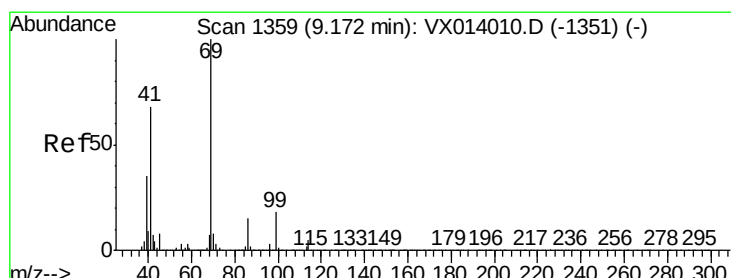
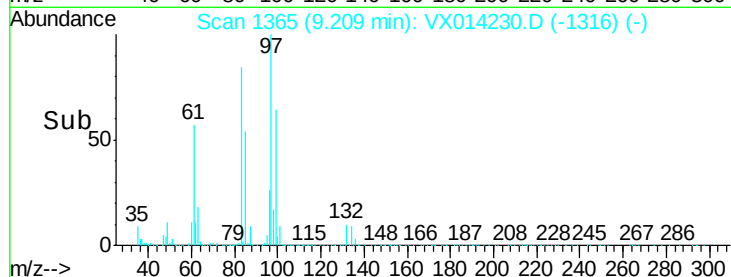
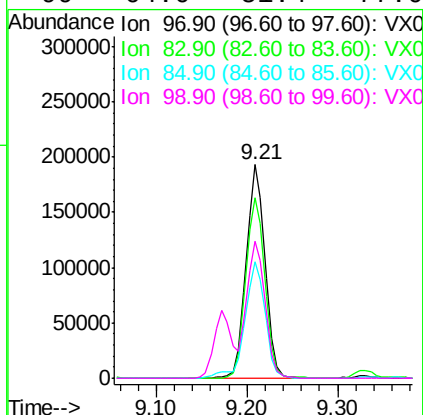
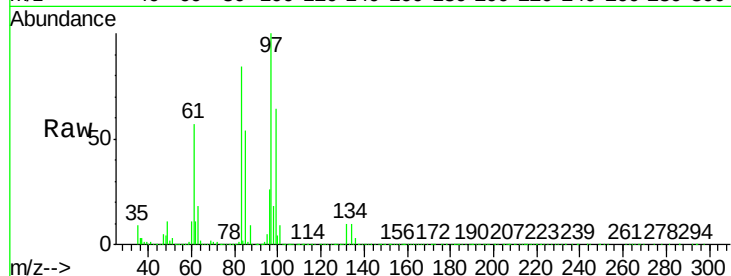
#55
 1,1,2-Trichloroethane
 Concen: 48.903 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014230.D
 Acq: 24 Dec 2019 03:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		278953		
83	84.2	68.2	102.4		
85	54.3	44.6	66.8		
99	64.0	51.4	77.0		

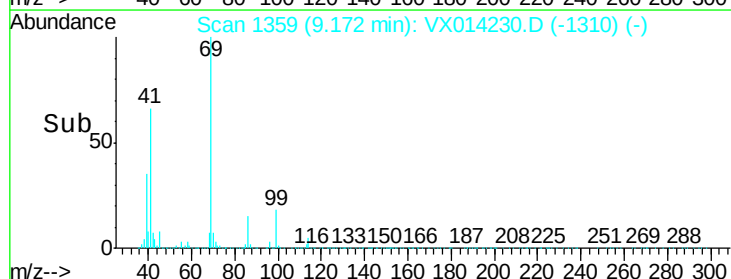
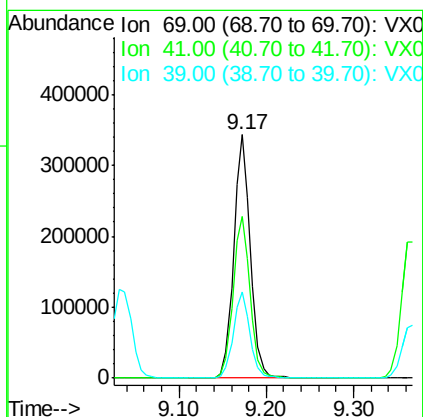
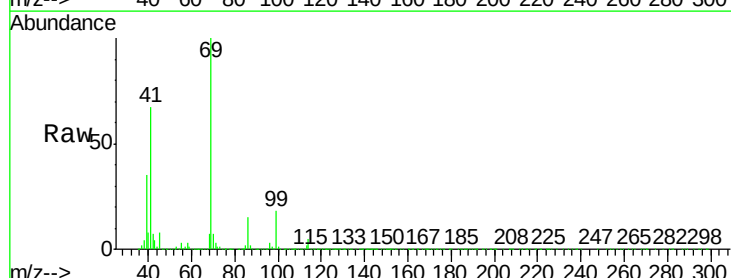
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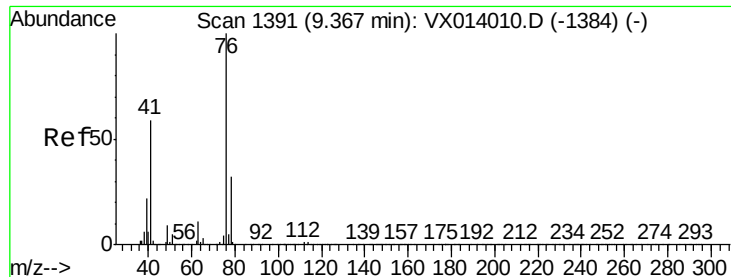
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#56
 Ethyl methacrylate
 Concen: 50.660 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014230.D
 Acq: 24 Dec 2019 03:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		453925		
41	68.0	54.8	82.2		
39	35.4	28.3	42.5		





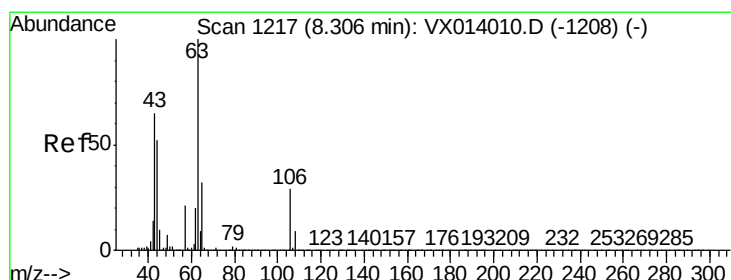
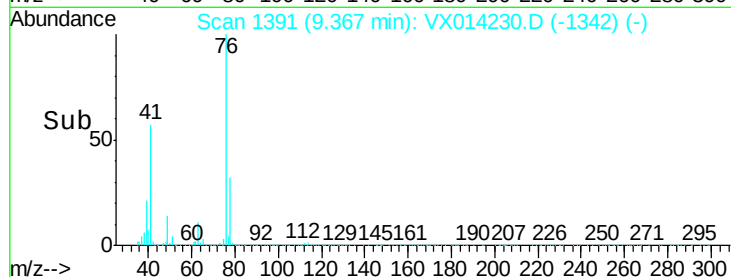
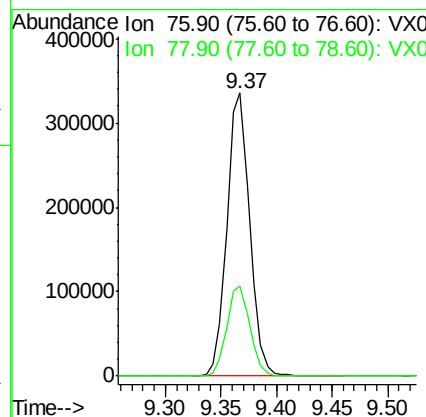
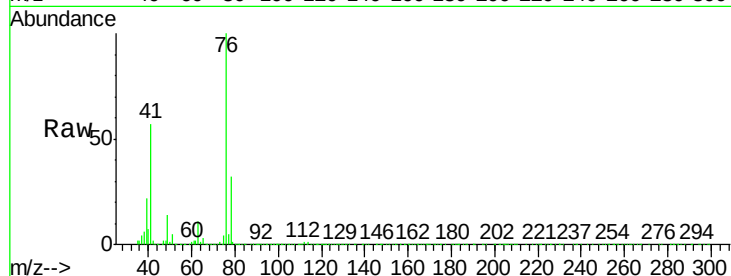
#57
 1,3-Dichloropropane
 Concen: 49.272 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014230.D
 Acq: 24 Dec 2019 03:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.6

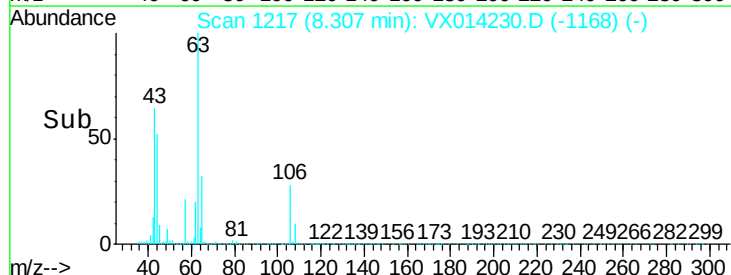
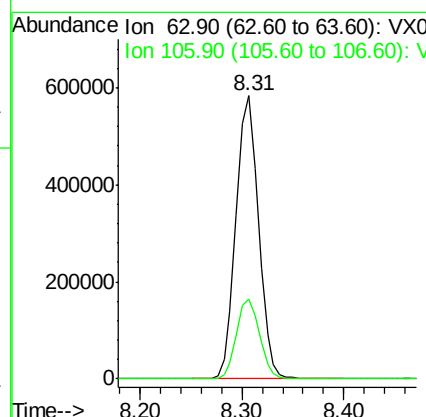
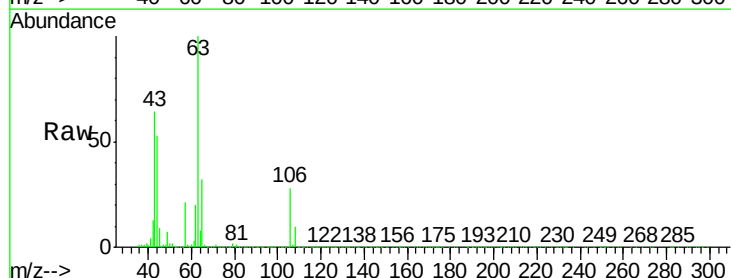
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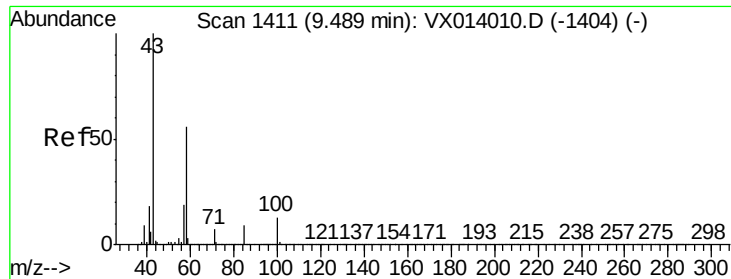
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#58
 2-Chloroethyl Vinyl ether
 Concen: 263.016 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014230.D
 Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	23.0	34.6





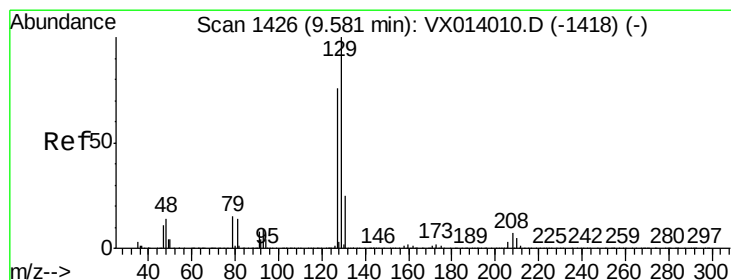
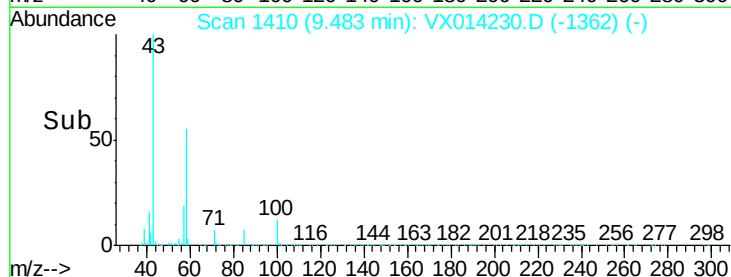
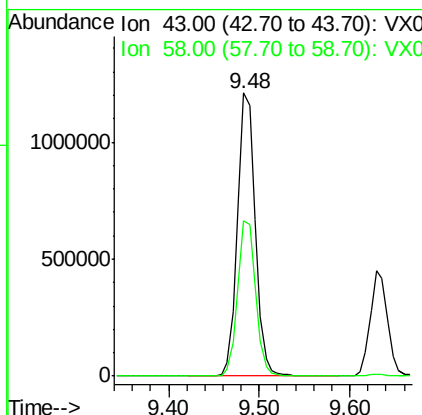
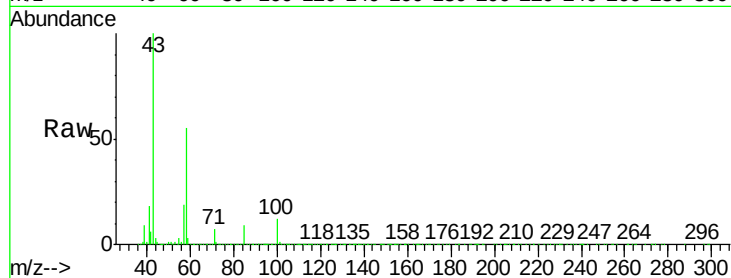
#59
2-Hexanone
Concen: 244.667 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1654285
Ion Ratio Lower Upper
43 100
58 55.7 28.0 84.0

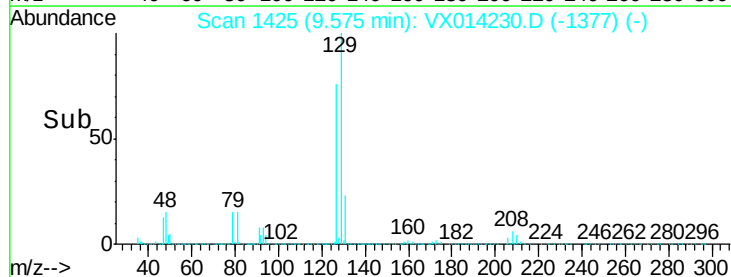
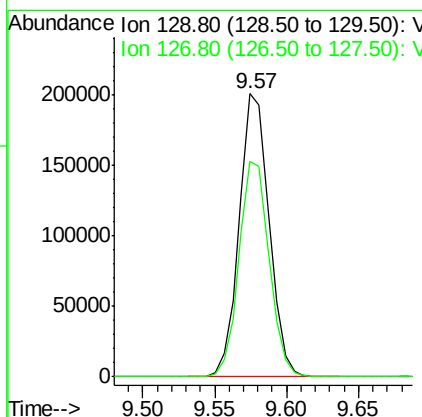
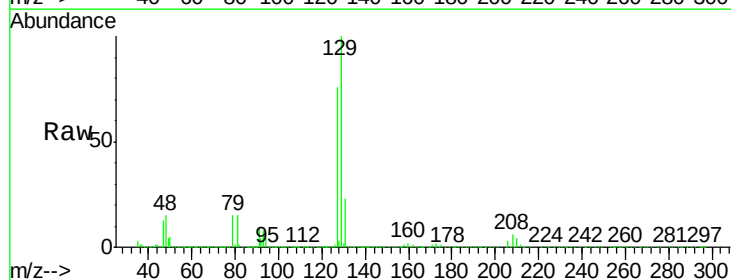
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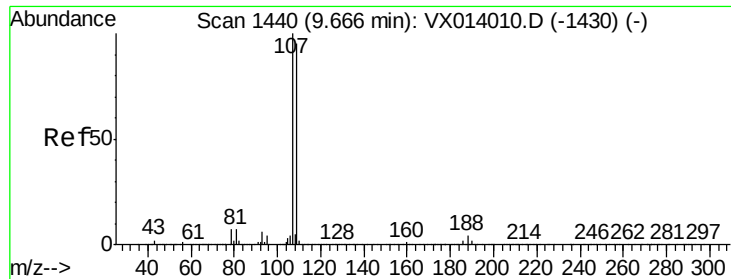
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#60
Dibromochloromethane
Concen: 51.153 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion: 129 Resp: 290034
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 49.944 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 291488

Ion Ratio Lower Upper

107 100

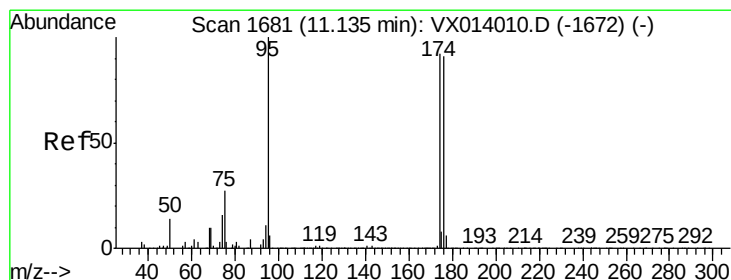
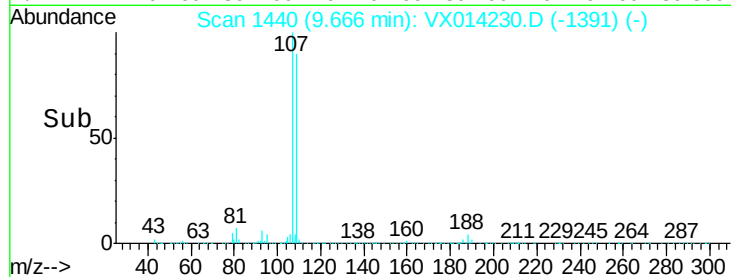
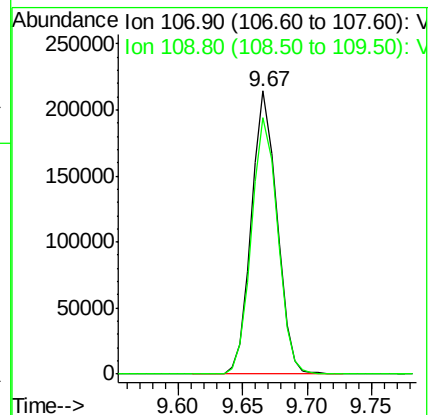
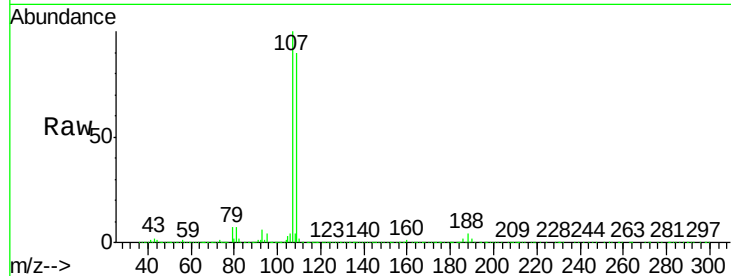
109 93.4 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 48.536 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

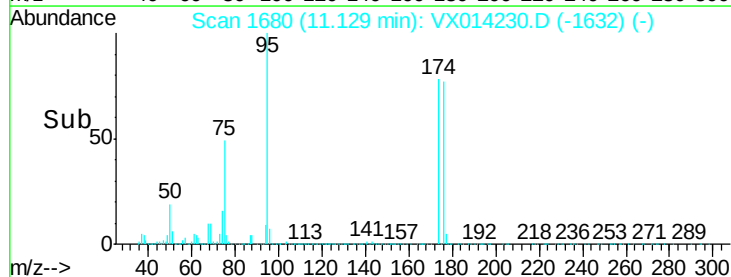
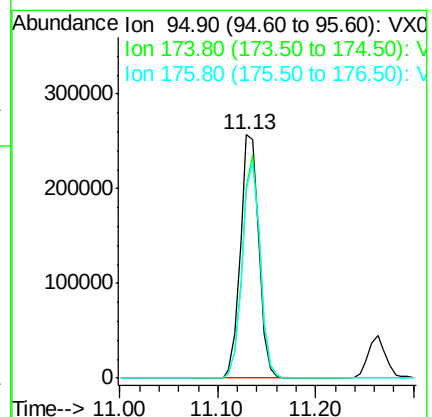
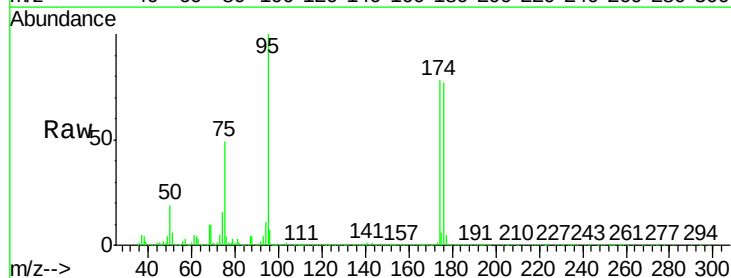
Tgt Ion: 95 Resp: 334894

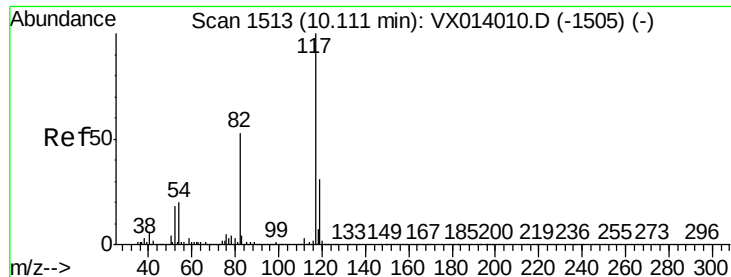
Ion Ratio Lower Upper

95 100

174 87.8 0.0 175.8

176 86.0 0.0 173.0





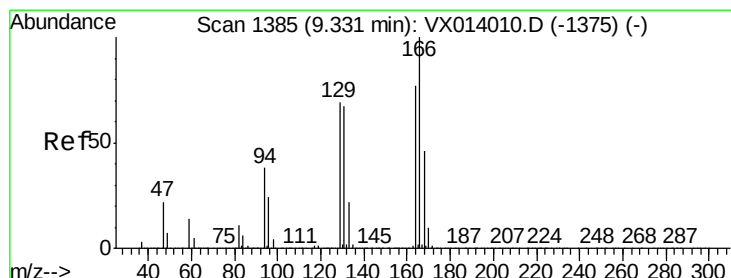
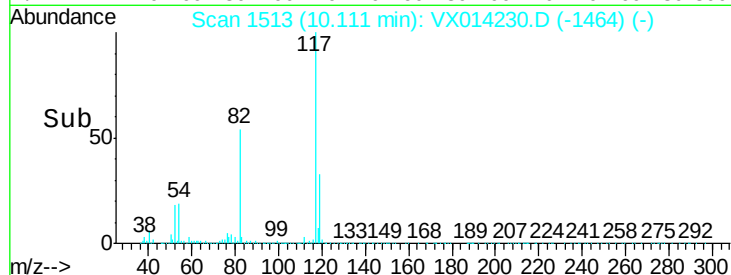
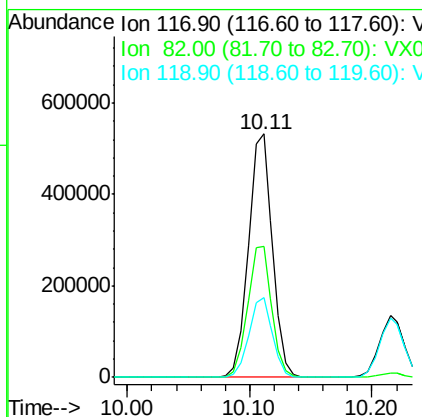
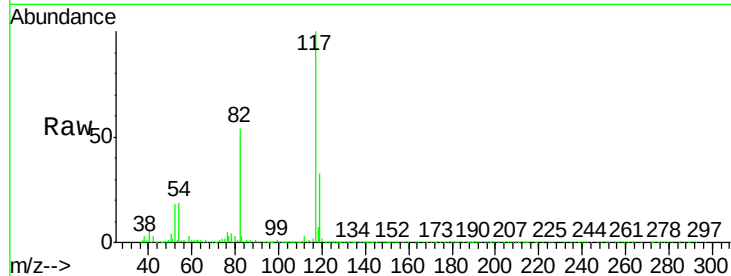
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.2	63.4
119	32.8	25.1	37.7

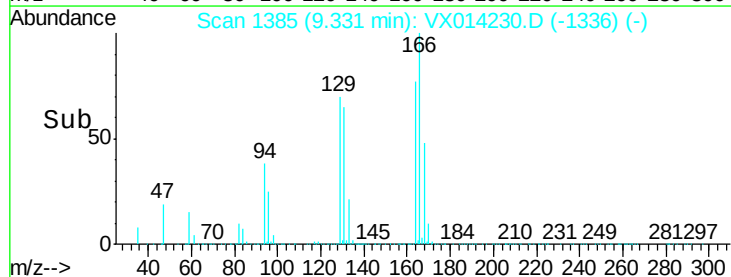
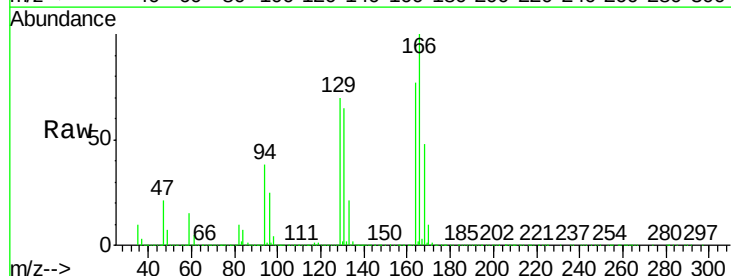
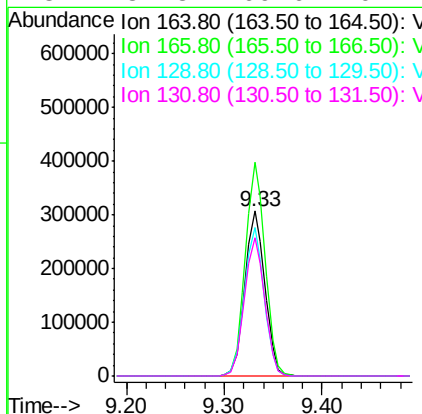
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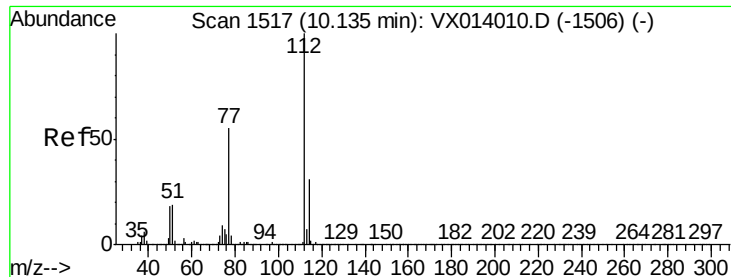
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#64
Tetrachloroethene
Concen: 68.053 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	104.0	156.0
129	90.2	72.2	108.4
131	84.3	69.6	104.4





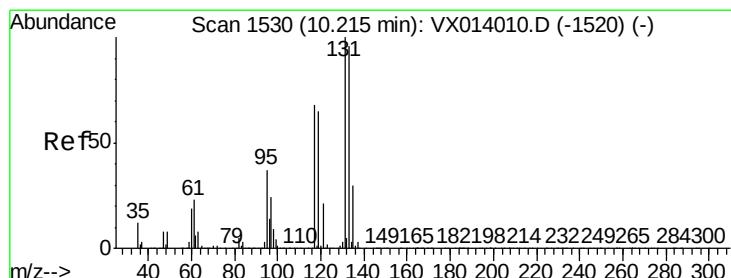
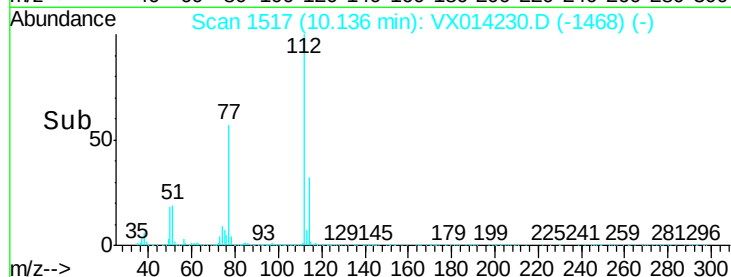
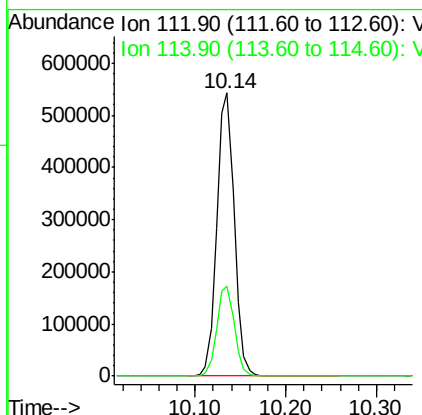
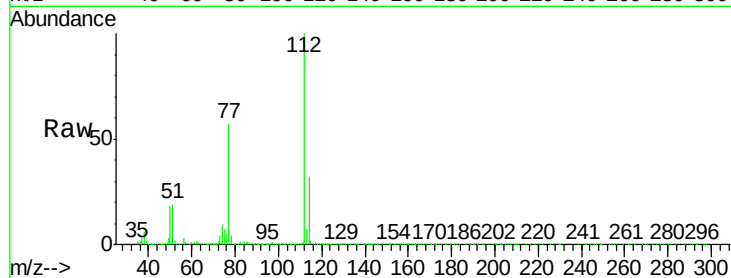
#65
Chlorobenzene
Concen: 47.488 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	24.9	37.3

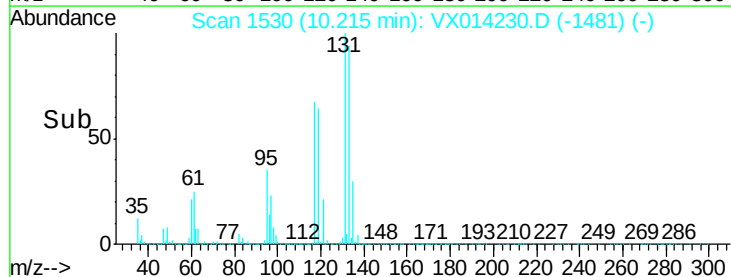
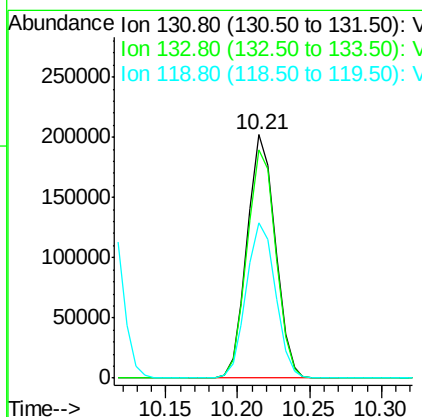
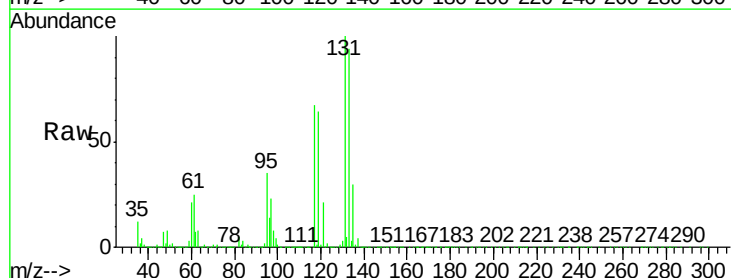
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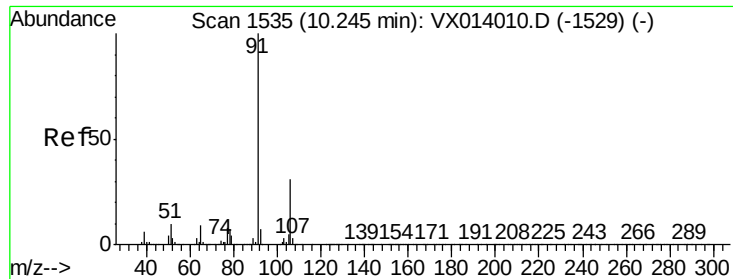
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.010 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.0	144.0
119	65.7	33.4	100.2





#67

Ethyl Benzene

Concen: 49.017 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1295366

Ion Ratio Lower Upper

91 100

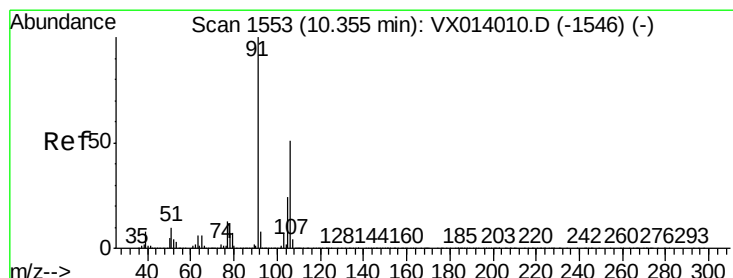
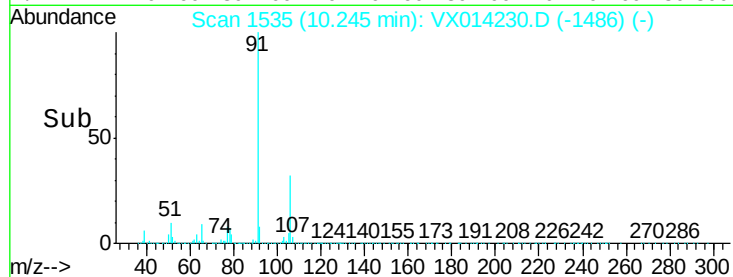
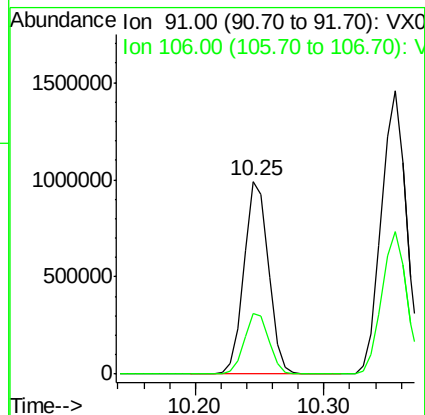
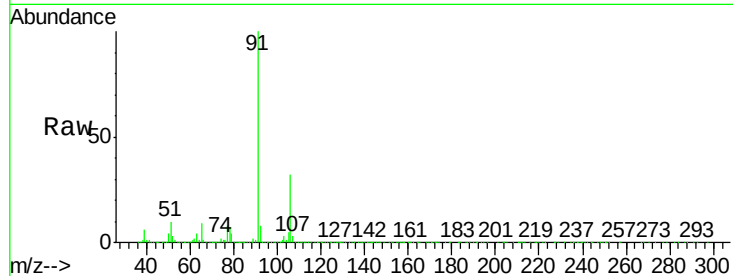
106 31.6 25.0 37.6

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#68

m/p-Xylenes

Concen: 96.763 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014230.D

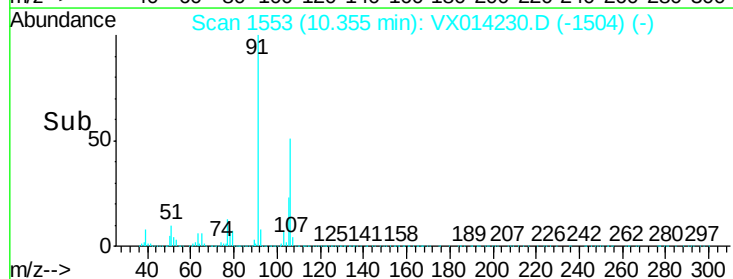
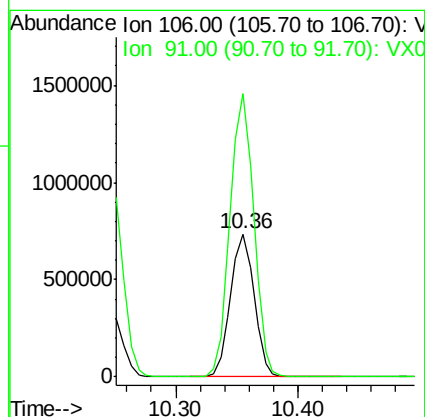
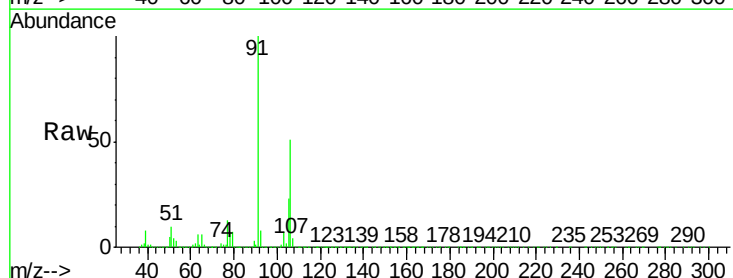
Acq: 24 Dec 2019 03:14

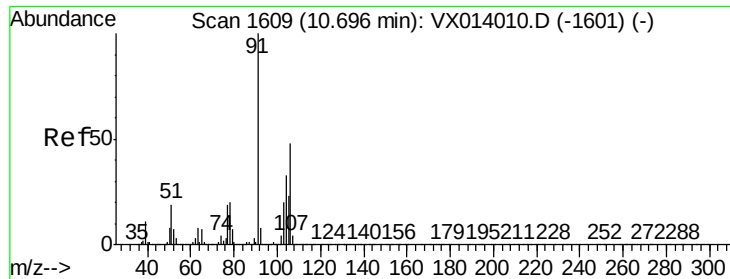
Tgt Ion: 106 Resp: 983505

Ion Ratio Lower Upper

106 100

91 198.9 158.6 238.0





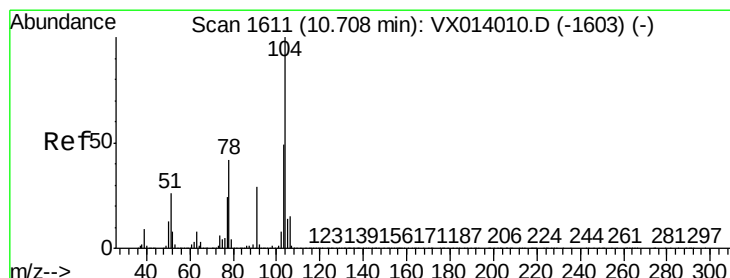
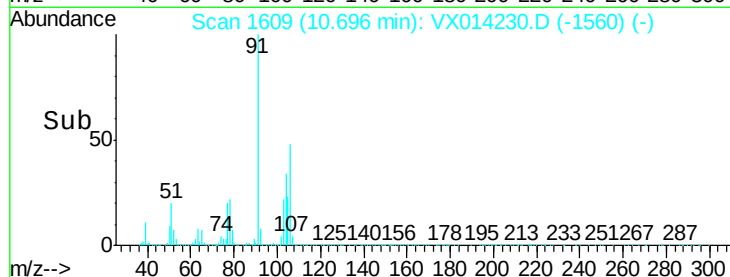
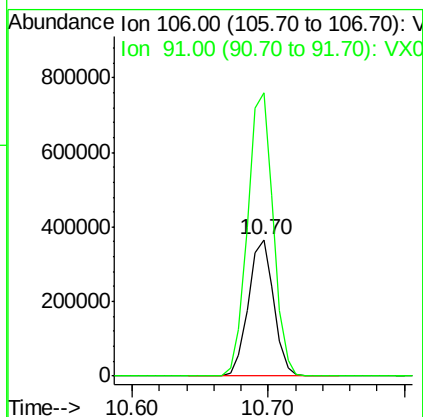
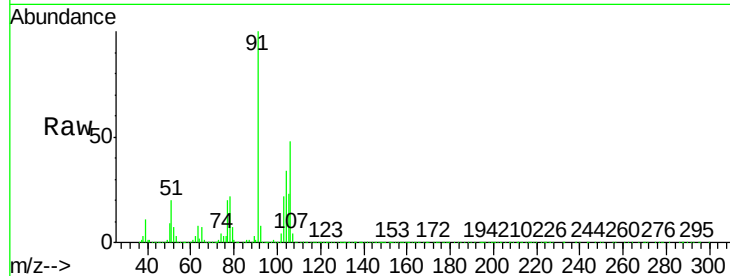
#69
o-Xylene
Concen: 47.855 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.0	104.2	312.6

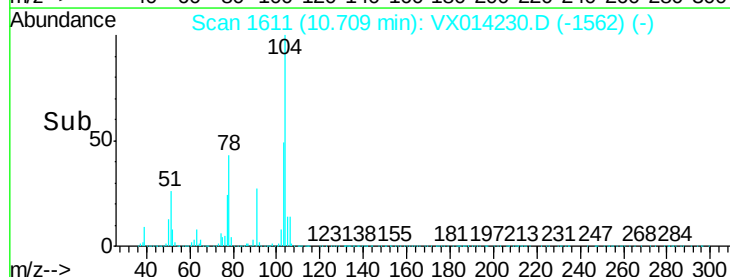
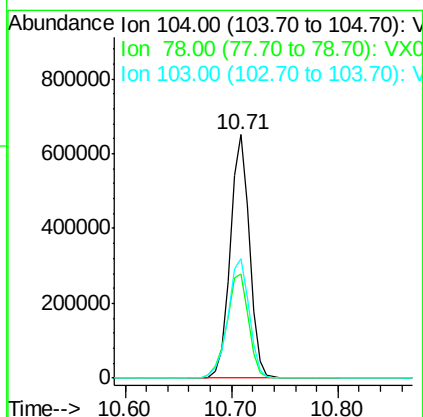
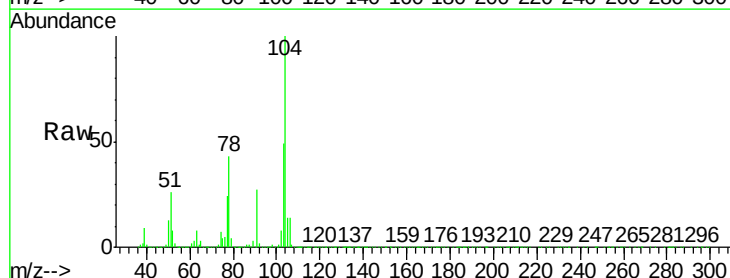
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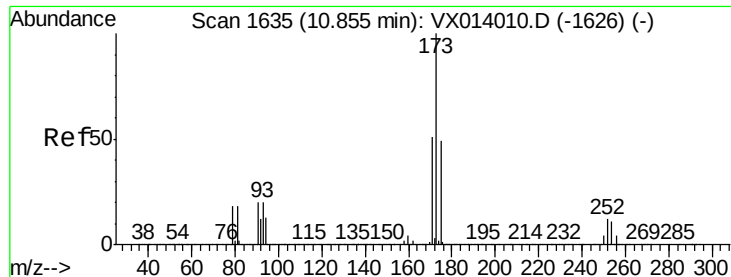
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#70
Styrene
Concen: 49.040 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.5	57.7
103	54.2	42.9	64.3





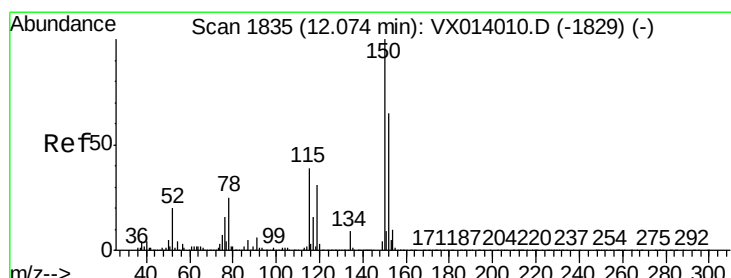
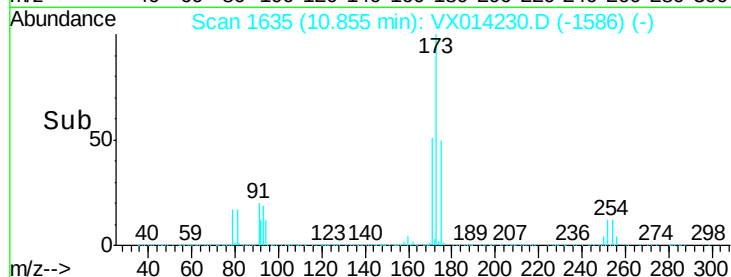
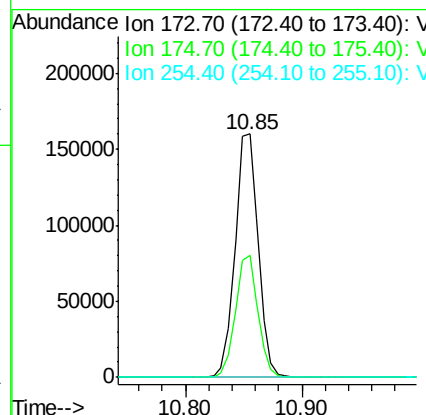
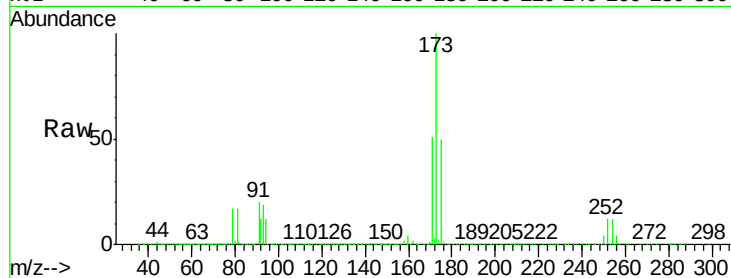
#71
Bromoform
Concen: 50.250 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.4	73.4
254	0.2	0.2	0.2

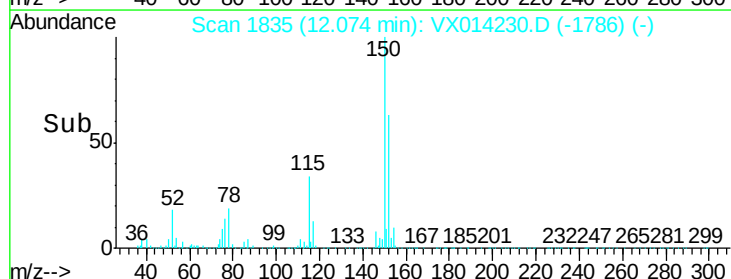
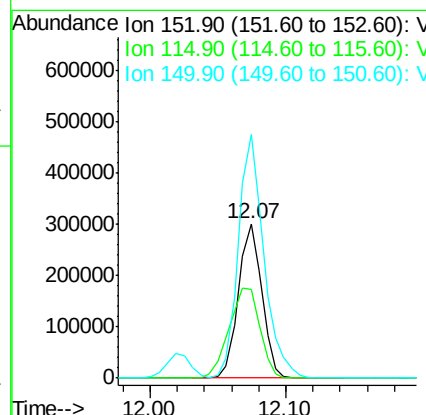
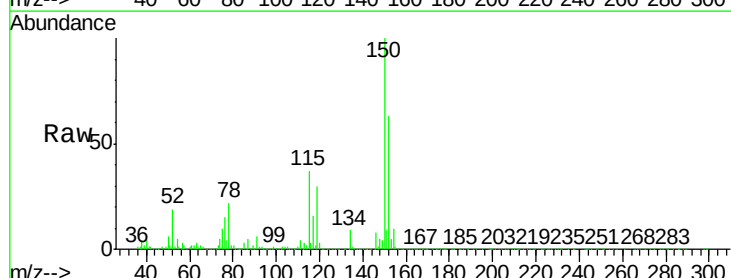
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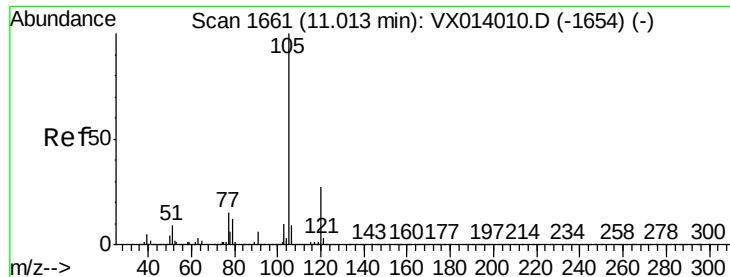
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.9	38.3	114.9
150	171.6	0.0	345.4





#73

Isopropylbenzene

Concen: 49.799 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1268177

Ion Ratio Lower Upper

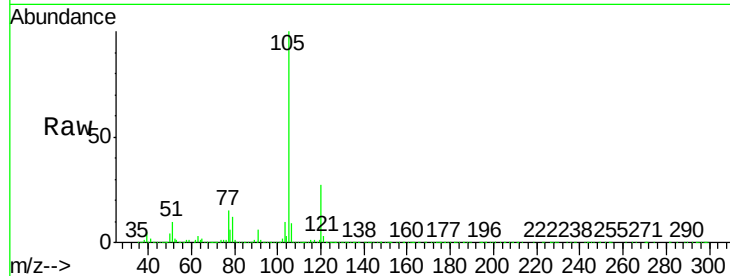
105 100

120 26.9 13.5 40.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

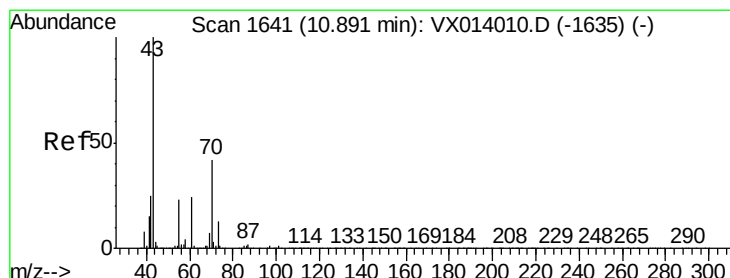
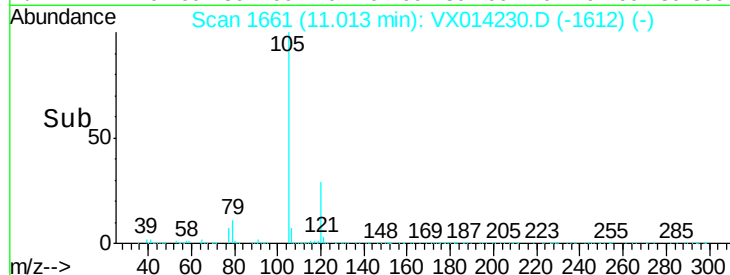
400000

200000

0

11.01

Time-->



#74

N-ethyl acetate

Concen: 48.688 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Tgt Ion: 43 Resp: 581174

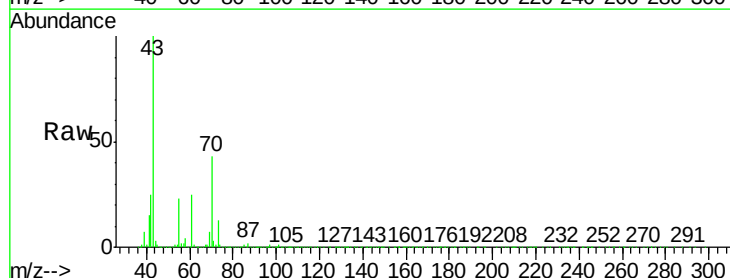
Ion Ratio Lower Upper

43 100

70 43.6 34.4 51.6

55 23.8 19.1 28.7

61 25.0 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

800000

600000

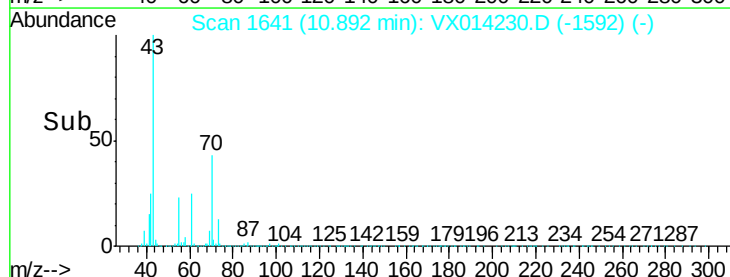
400000

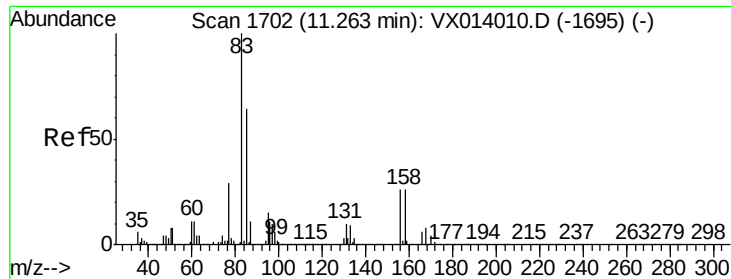
200000

0

10.89

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 43.086 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

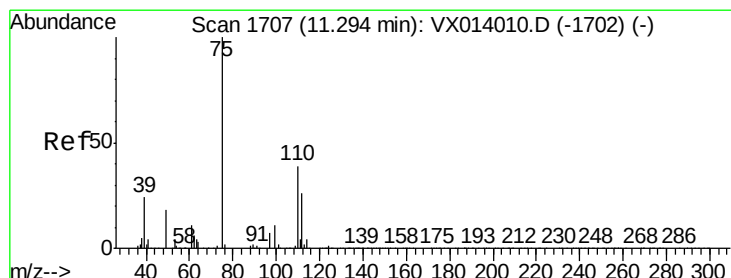
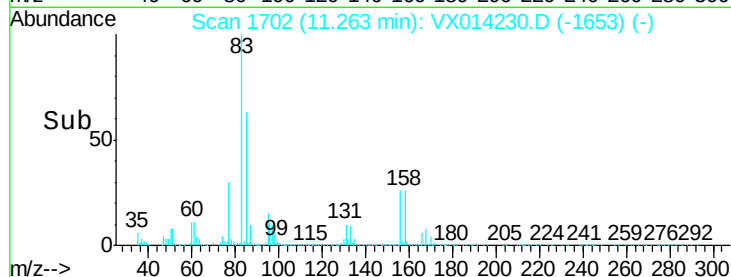
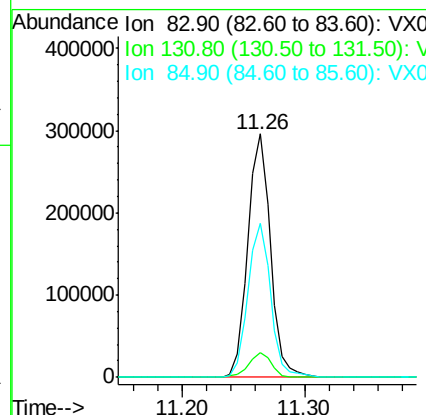
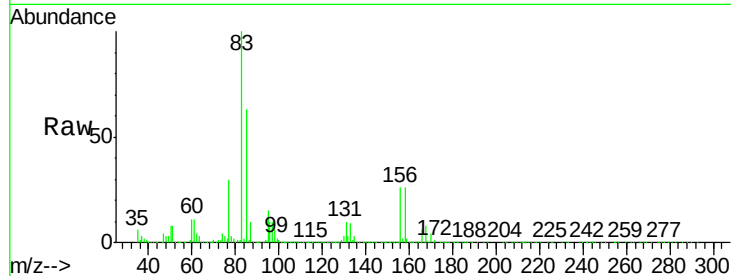
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	380395
Ion Ratio		Lower	Upper
83	100		
131	10.3	5.1	15.2
85	63.9	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 44.832 ug/l m

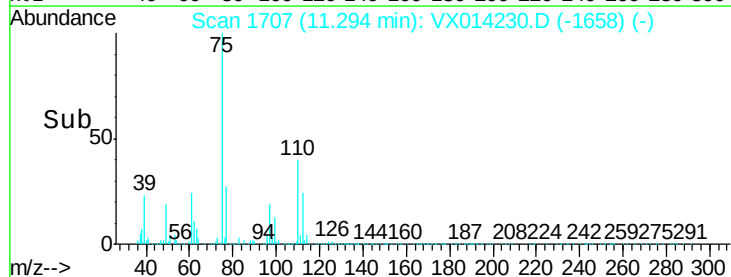
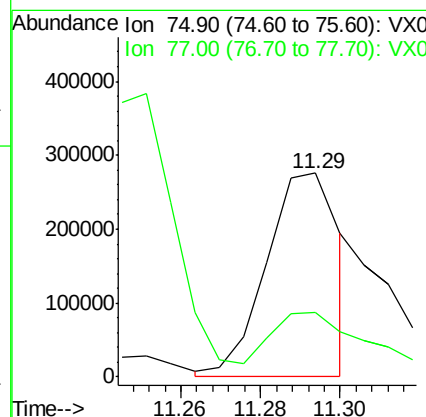
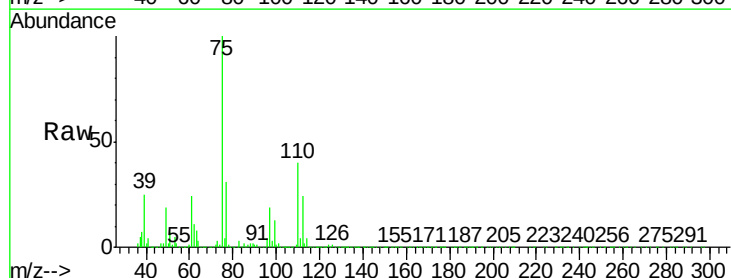
RT: 11.29 min Scan# 1707

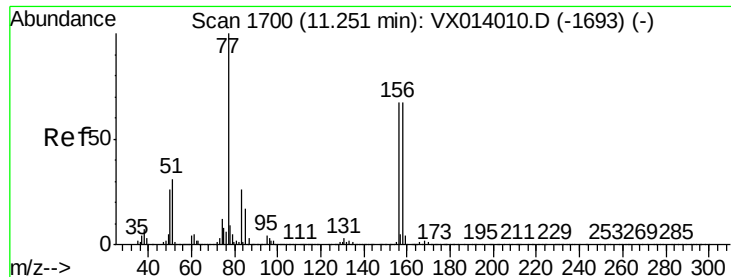
Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Tgt Ion:	75	Resp:	352027
Ion Ratio		Lower	Upper
75	100		
77	42.1	19.3	57.8





#77

Bromobenzene

Concen: 47.589 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

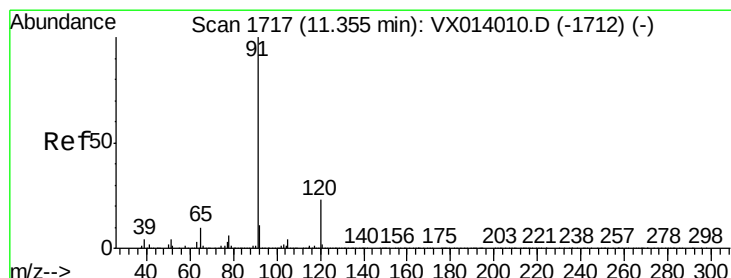
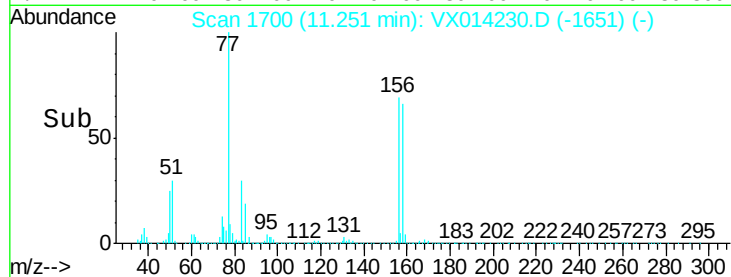
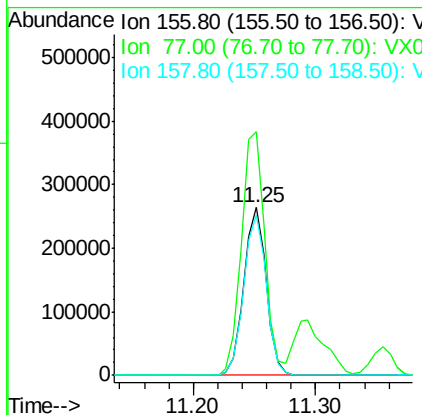
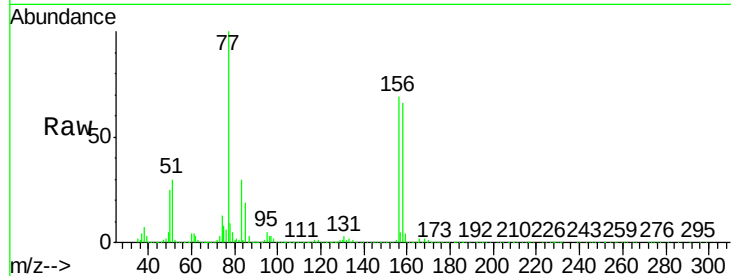
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	333433
Ion Ratio	Lower	Upper	
156	100		
77	152.5	76.5	229.5
158	96.6	49.3	147.9

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#78

n-propylbenzene

Concen: 50.608 ug/l

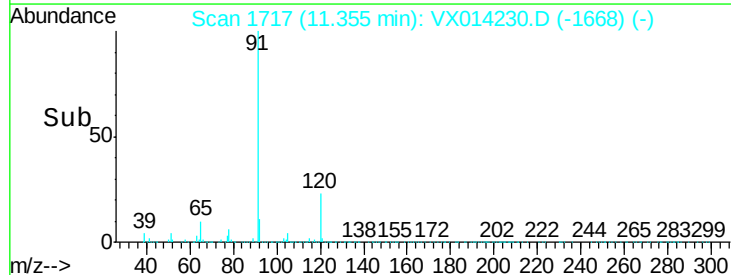
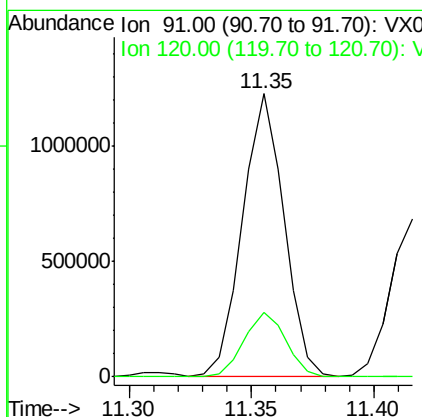
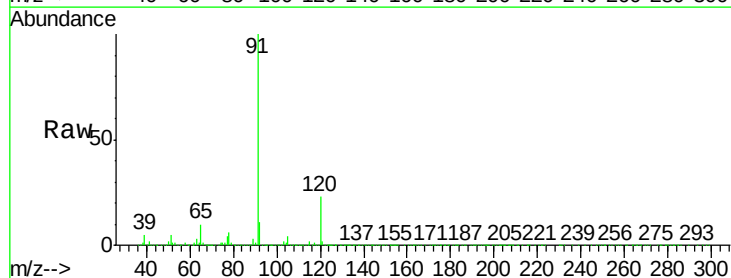
RT: 11.35 min Scan# 1717

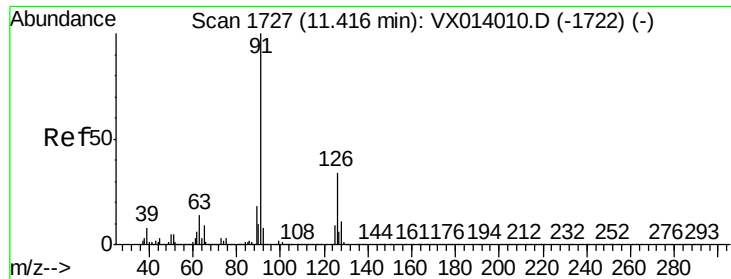
Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Tgt Ion:	91	Resp:	1445576
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.0





#79

2-Chlorotoluene

Concen: 48.820 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 847688

Ion Ratio Lower Upper

91 100

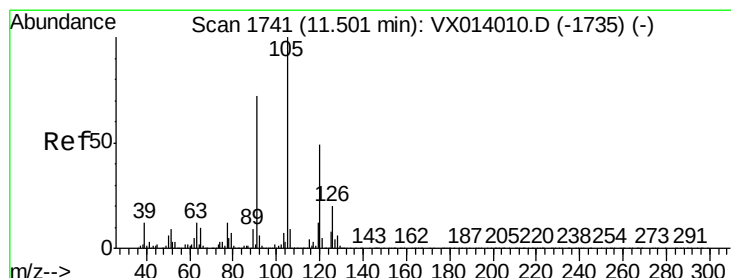
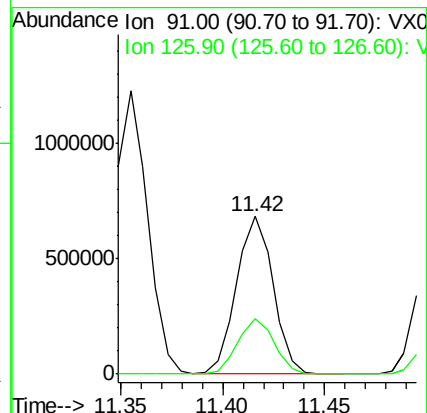
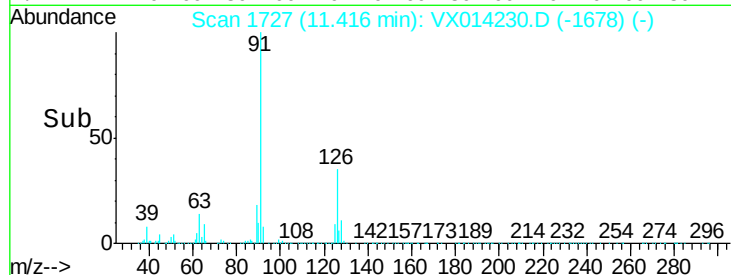
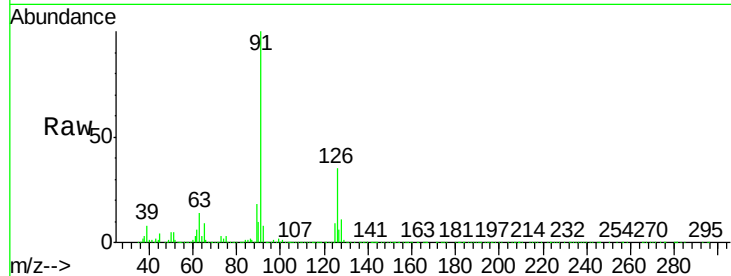
126 35.3 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 49.496 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014230.D

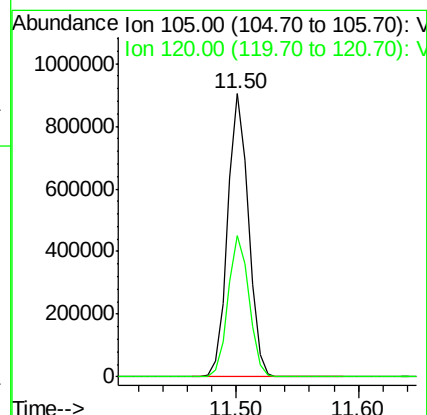
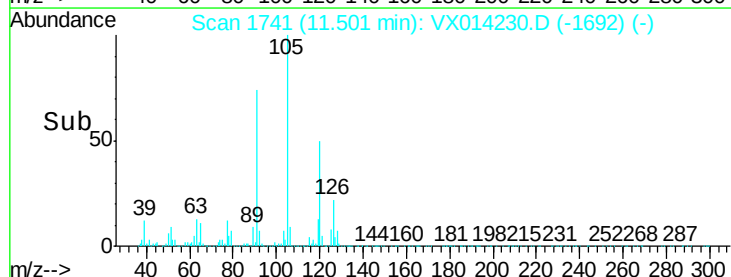
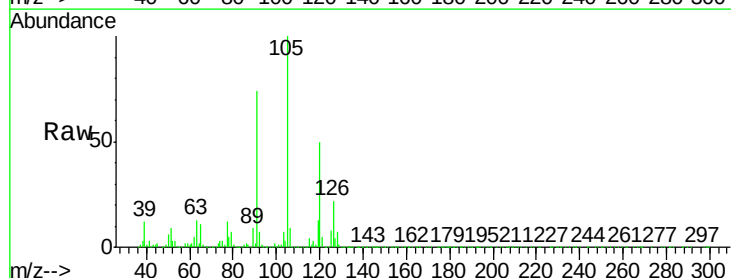
Acq: 24 Dec 2019 03:14

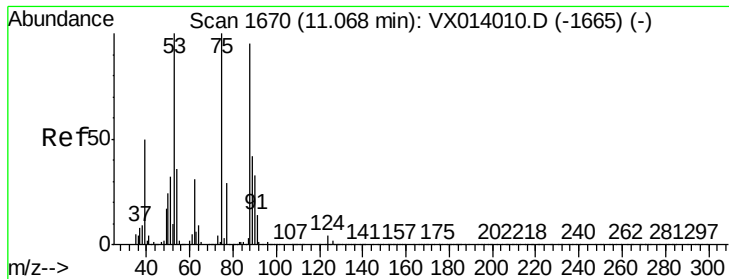
Tgt Ion: 105 Resp: 1060795

Ion Ratio Lower Upper

105 100

120 50.3 25.3 75.8





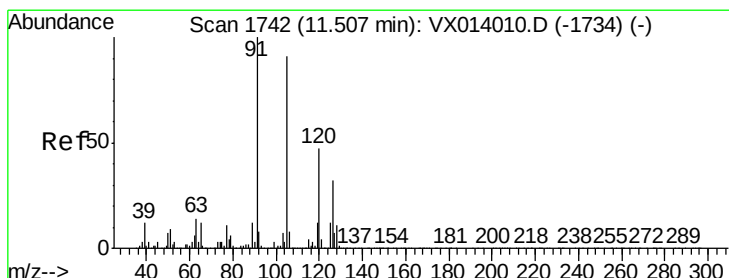
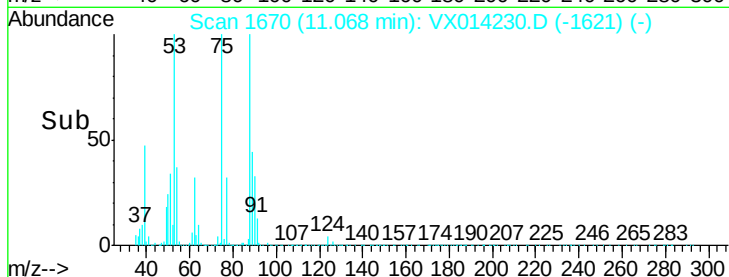
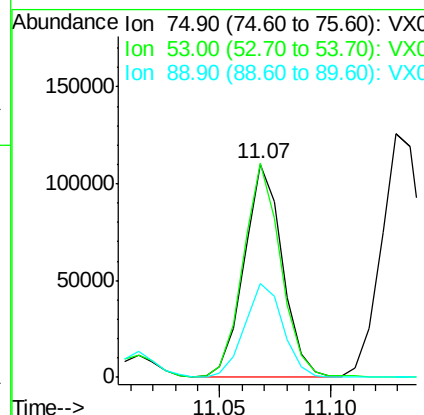
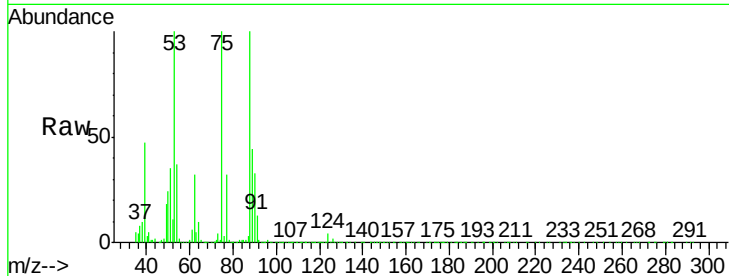
#81
trans-1,4-Dichloro-2-butene
Concen: 47.014 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.7	76.7	115.1
89	45.0	34.6	51.8

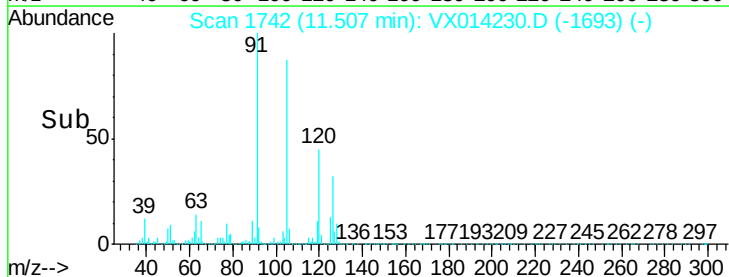
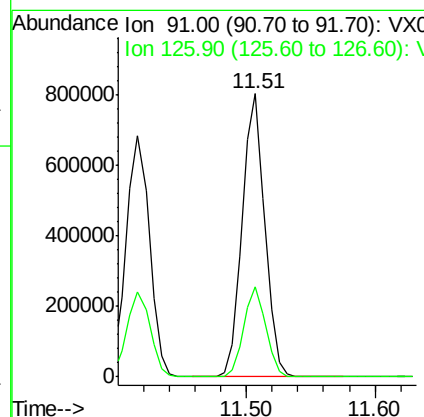
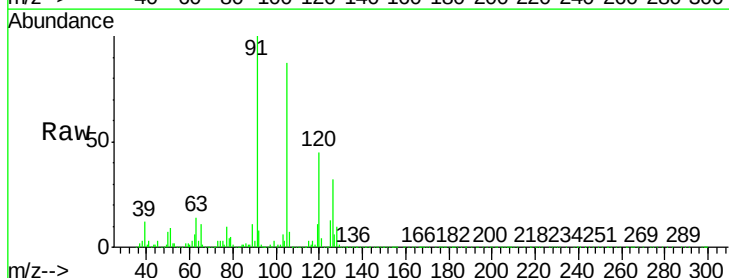
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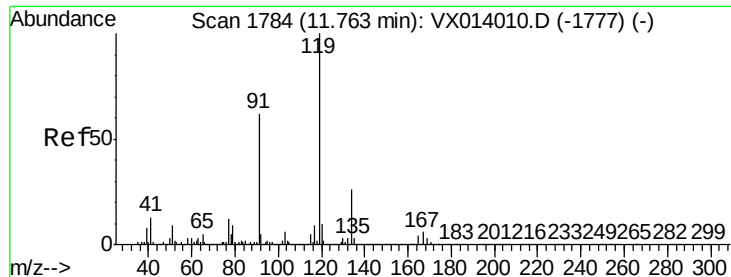
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#82
4-Chlorotoluene
Concen: 48.432 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.8





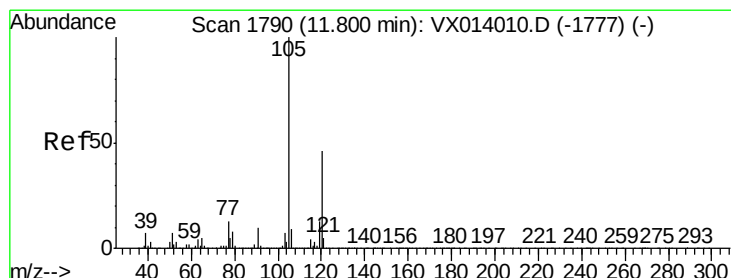
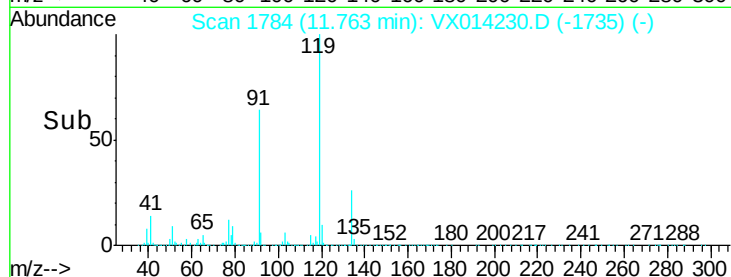
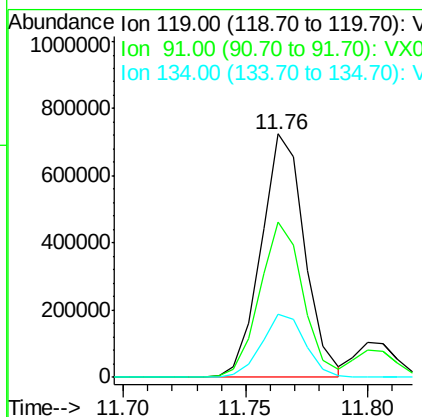
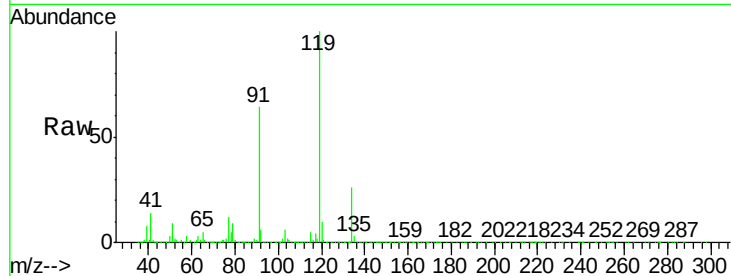
#83
tert-Butylbenzene
Concen: 43.359 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.8	28.5	85.6
134	26.0	12.2	36.6

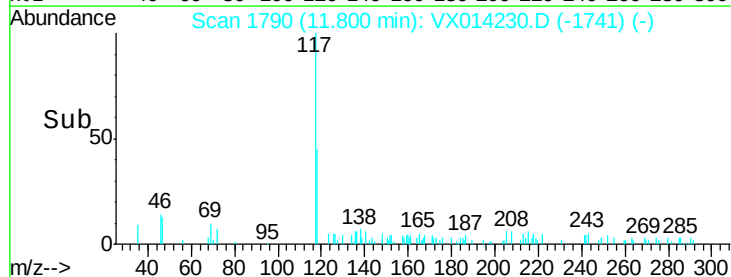
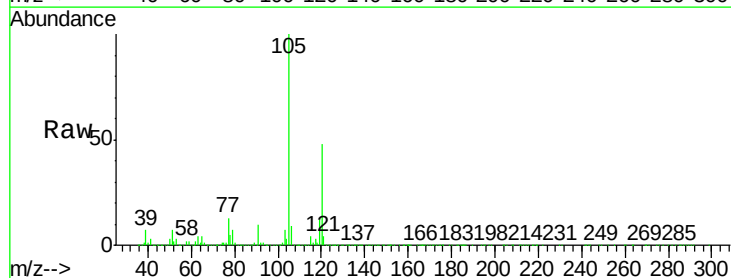
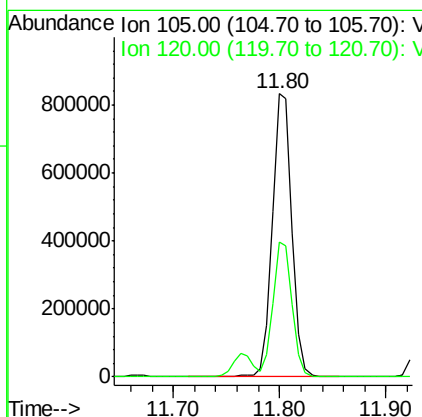
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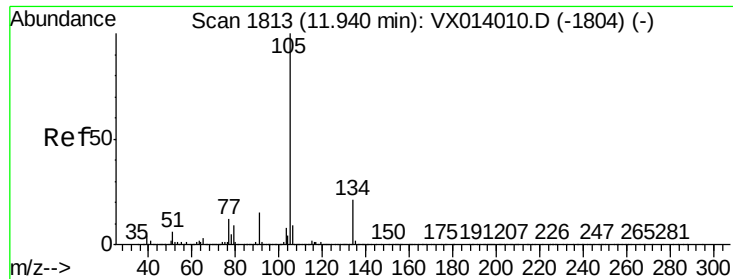
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#84
1,2,4-Trimethylbenzene
Concen: 49.725 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.2





#85

sec-Butylbenzene

Concen: 49.918 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1229074

Ion Ratio Lower Upper

105 100

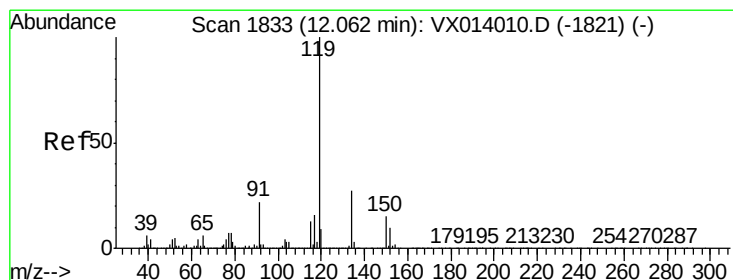
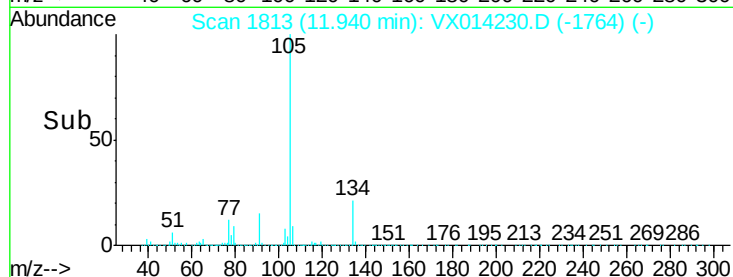
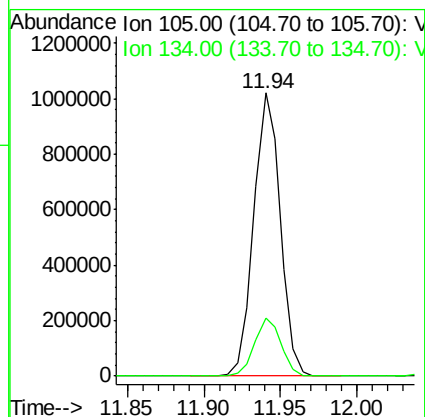
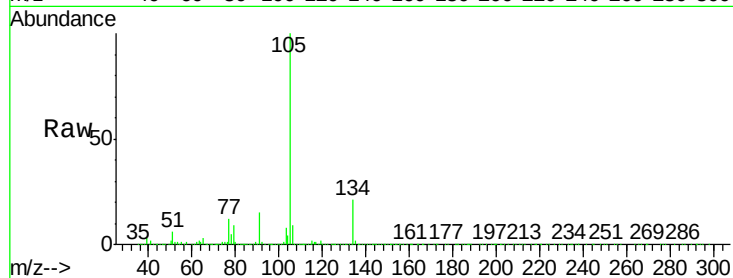
134 20.7 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 49.995 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014230.D

Acq: 24 Dec 2019 03:14

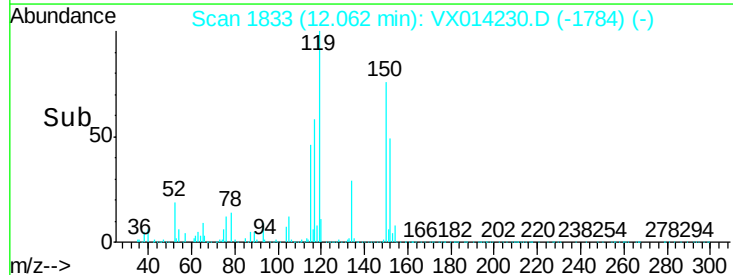
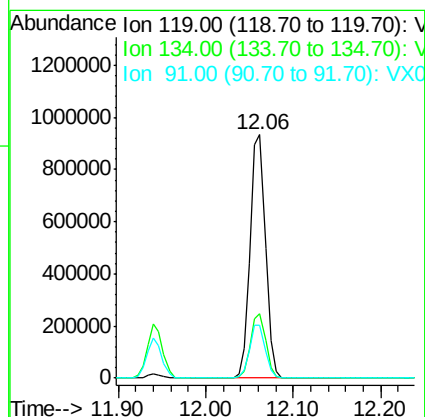
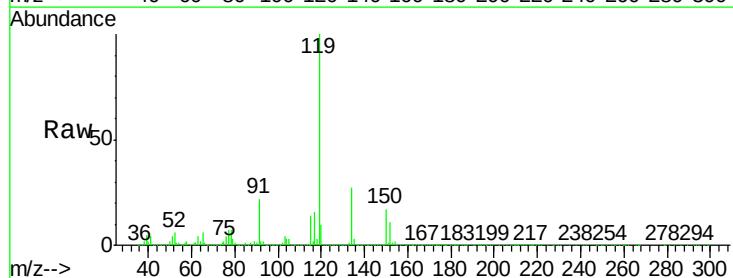
Tgt Ion:119 Resp: 1126010

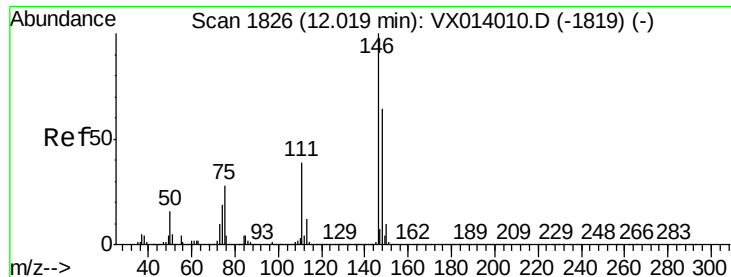
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 22.4 11.4 34.1





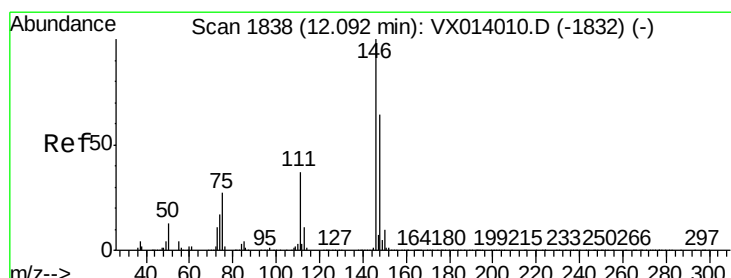
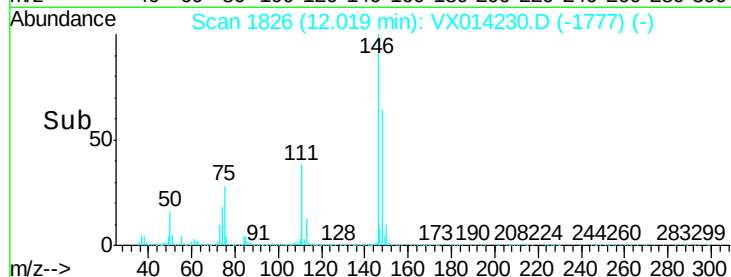
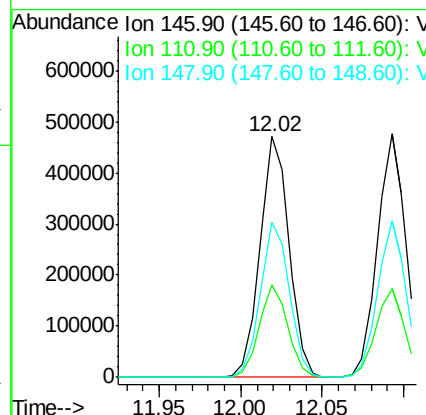
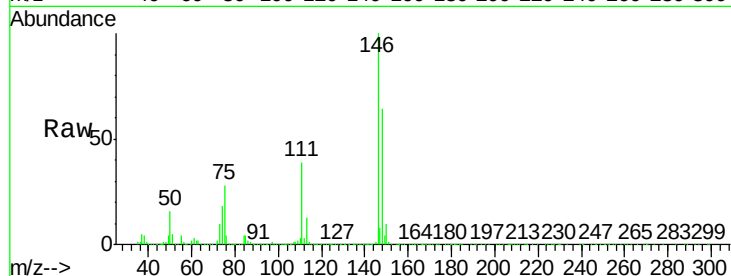
#87
 1,3-Dichlorobenzene
 Concen: 47.598 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014230.D
 Acq: 24 Dec 2019 03:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	64.1	32.3	96.9

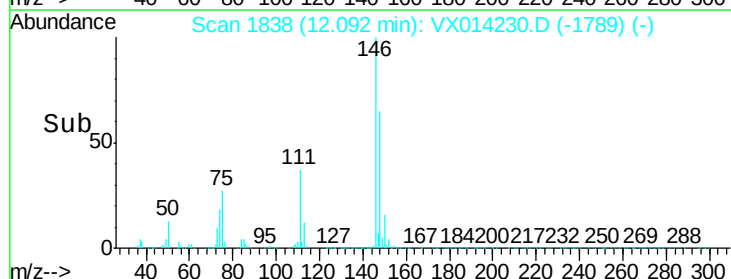
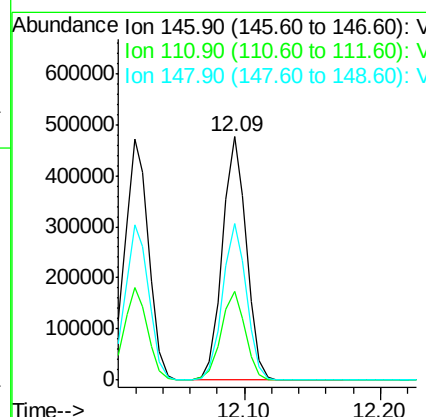
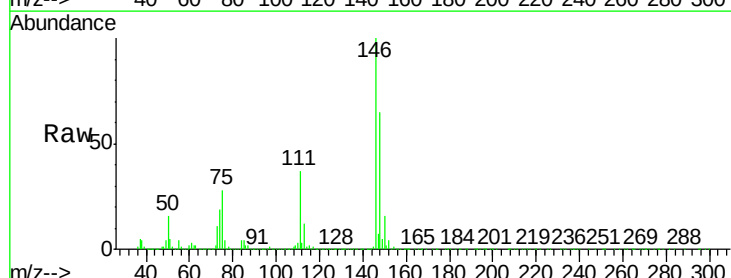
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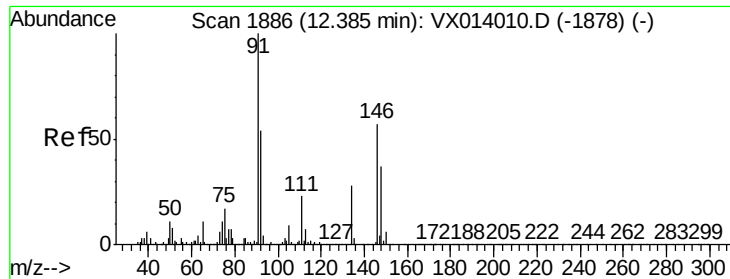
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#88
 1,4-Dichlorobenzene
 Concen: 46.400 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014230.D
 Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.7	56.1
148	63.9	31.9	95.9





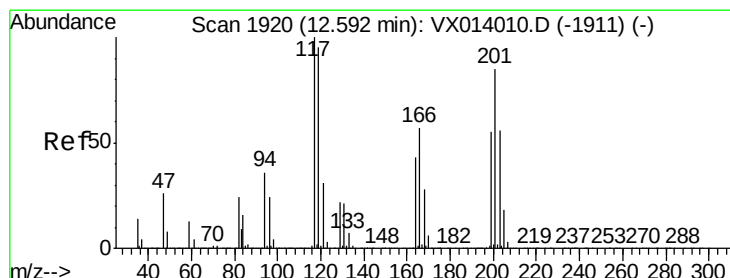
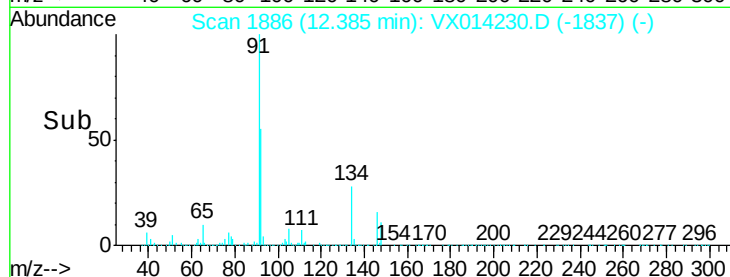
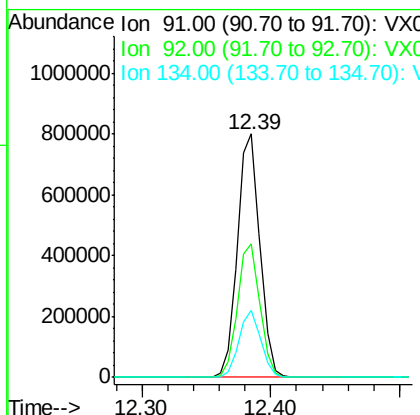
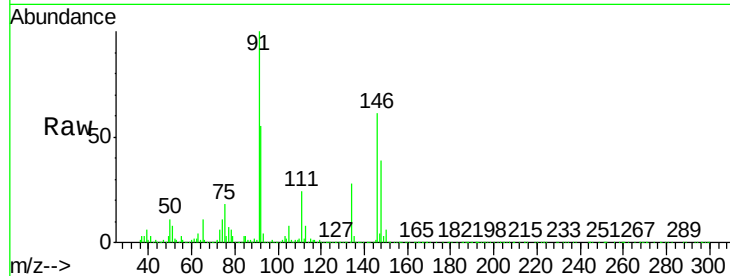
#89
n-Butylbenzene
Concen: 50.437 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.2	81.6
134	27.0	13.4	40.1

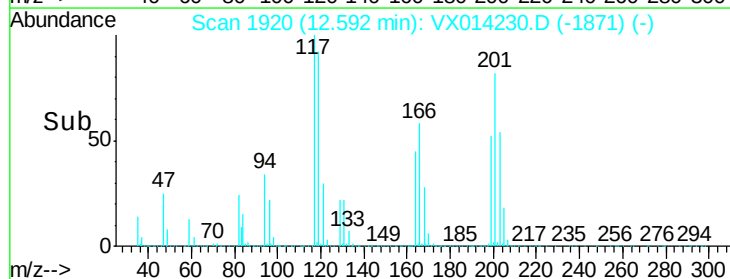
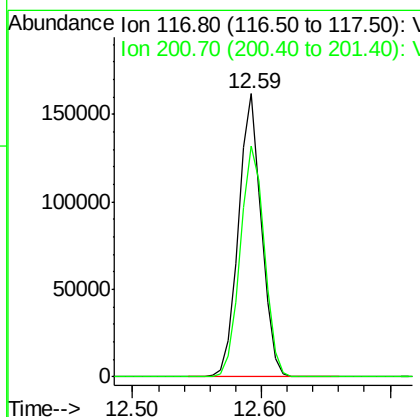
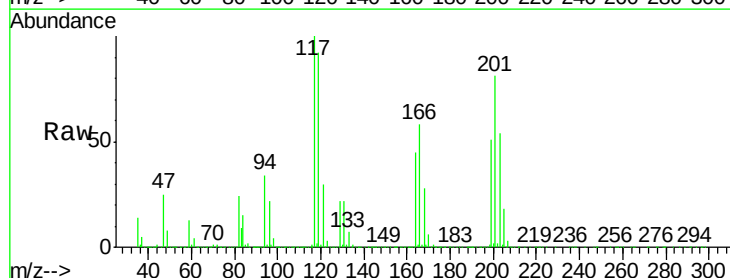
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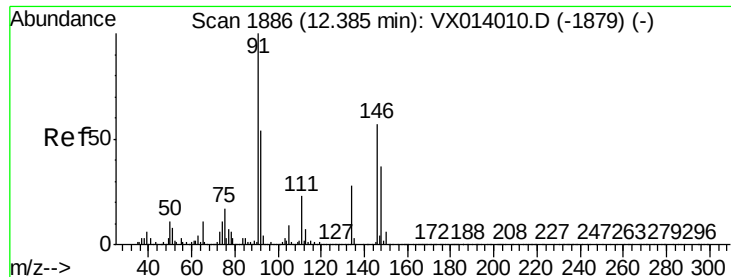
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#90
Hexachloroethane
Concen: 49.331 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.4	43.1	129.3





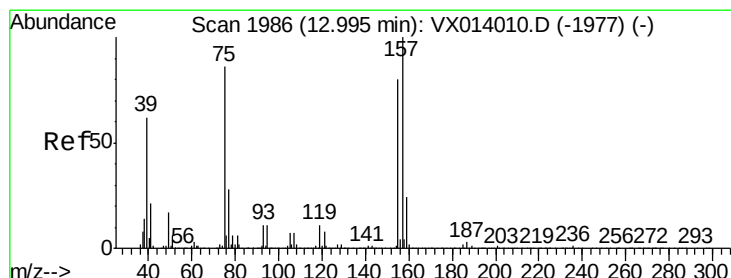
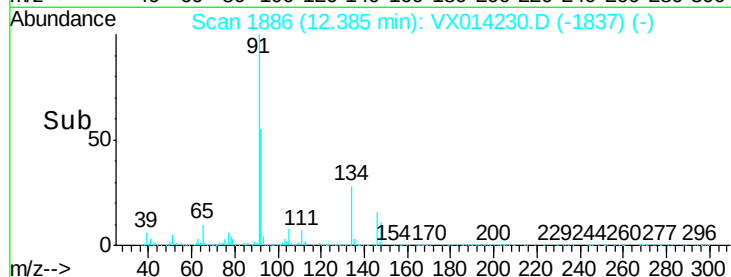
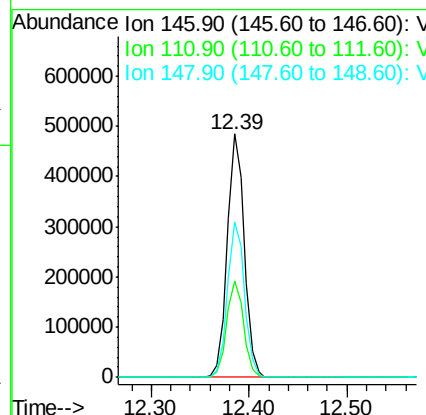
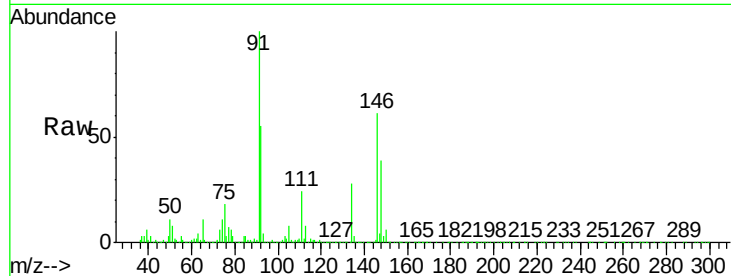
#91
 1,2-Dichlorobenzene
 Concen: 47.266 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014230.D
 Acq: 24 Dec 2019 03:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.1
148	63.8	32.1	96.5

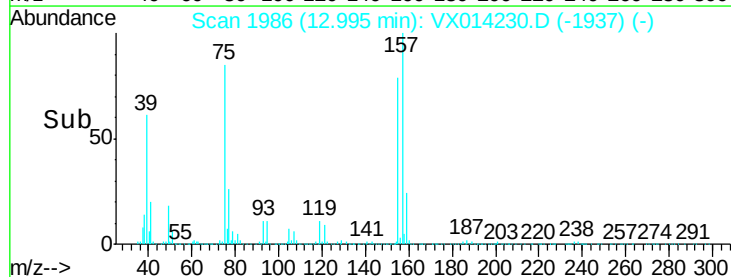
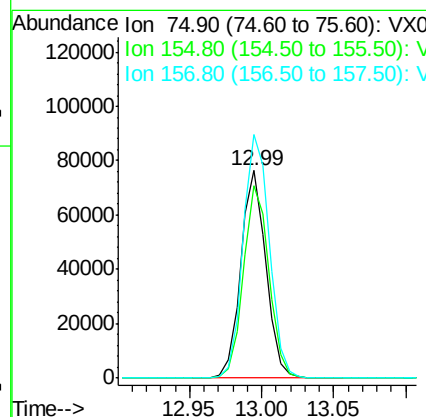
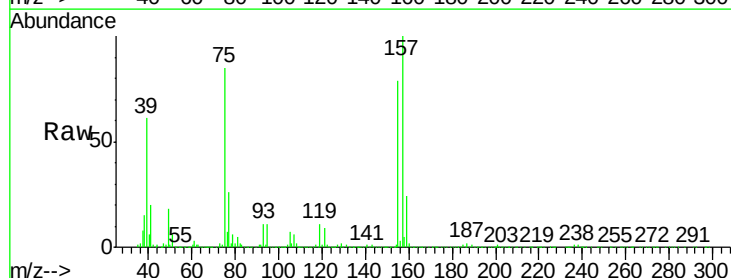
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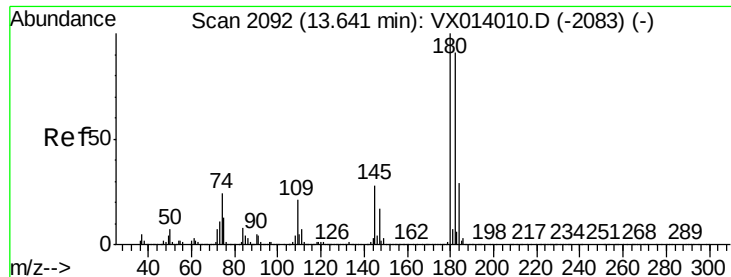
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.182 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014230.D
 Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.2	46.9	140.6
157	123.3	60.8	182.4





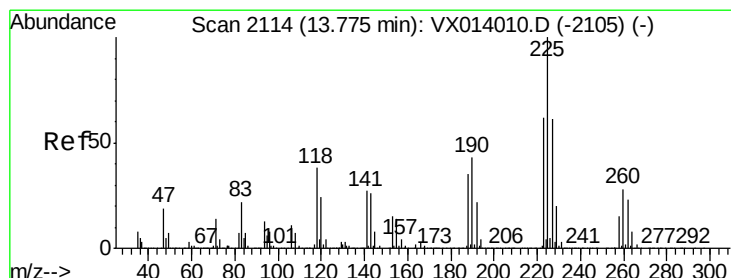
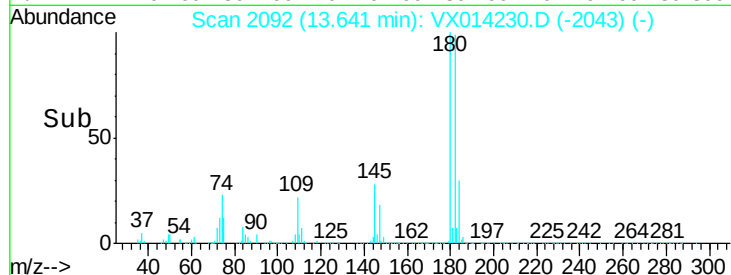
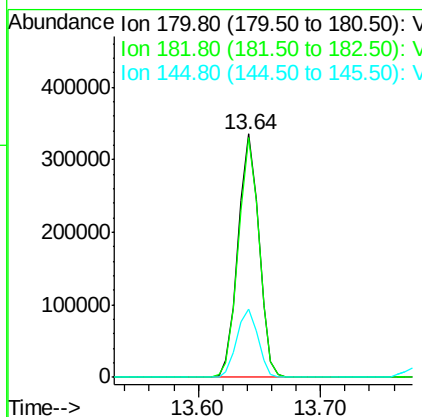
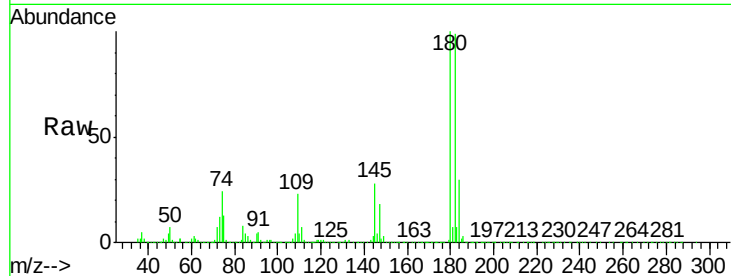
#93
 1,2,4-Trichlorobenzene
 Concen: 49.188 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014230.D
 Acq: 24 Dec 2019 03:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	395200		
182	97.3	46.6	139.8	
145	28.4	14.2	42.6	

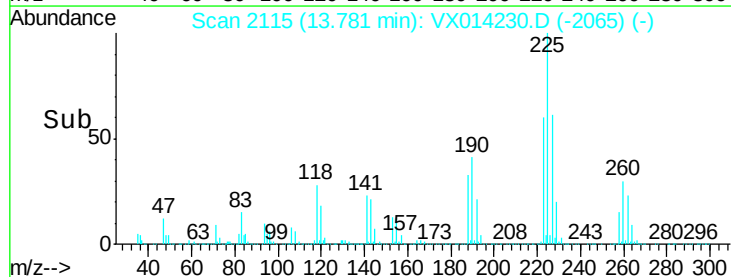
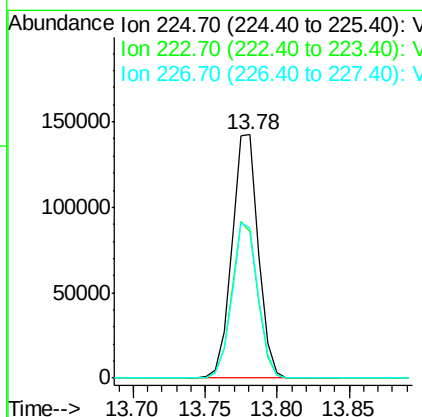
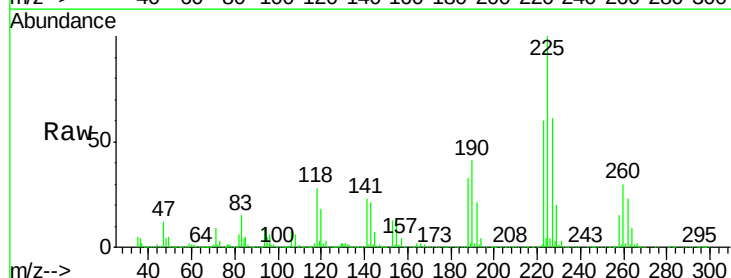
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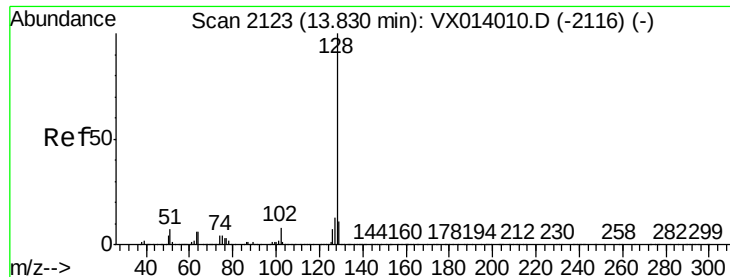
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#94
 Hexachlorobutadiene
 Concen: 47.342 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX014230.D
 Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	182802		
223	62.7	30.9	92.5	
227	63.0	30.9	92.7	





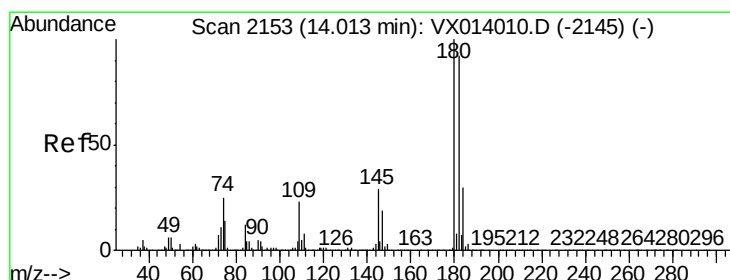
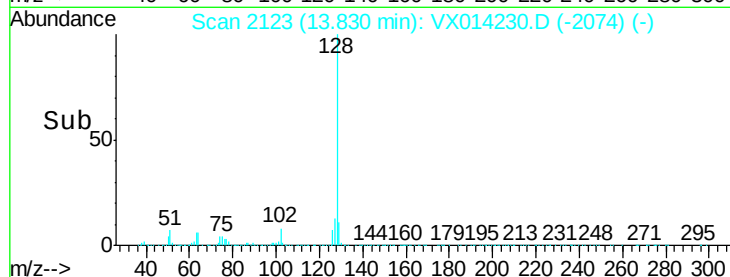
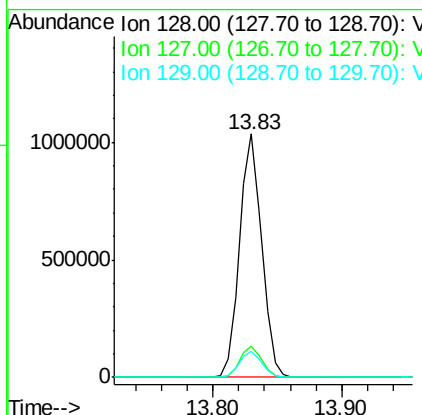
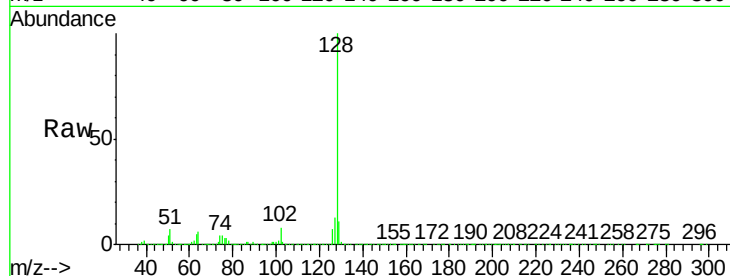
#95
Naphthalene
Concen: 52.097 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
12/24/2019 11:03:06 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.980 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014230.D
Acq: 24 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	46.8	140.3
145	29.9	14.8	44.4

