

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013929.D
 Acq On : 11 Dec 2019 04:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
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 12/11/2019 2:14:21 PM

Quant Time: Dec 11 06:08:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	547281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	848433	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	780068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	406261	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	300387	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
35) Dibromofluoromethane	5.49	113	251704	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	8.71	98	937202	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
62) 4-Bromofluorobenzene	11.13	95	351507	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	264372	43.400	ug/l	98
3) Chloromethane	1.32	50	300505	43.965	ug/l	99
4) Vinyl Chloride	1.40	62	360705	46.887	ug/l	99
5) Bromomethane	1.63	94	223482	43.256	ug/l	98
6) Chloroethane	1.72	64	200155	45.721	ug/l	99
7) Trichlorofluoromethane	1.92	101	392563	45.954	ug/l	98
8) Diethyl Ether	2.18	74	186805	48.336	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	239813	45.960	ug/l	99
10) Methyl Iodide	2.50	142	291534	46.188	ug/l	100
11) Tert butyl alcohol	3.03	59	335593	214.019	ug/l	99
12) 1,1-Dichloroethene	2.36	96	236497	45.408	ug/l	98
13) Acrolein	2.28	56	239224	228.647	ug/l	99
14) Allyl chloride	2.72	41	424334	44.895	ug/l	99
15) Acrylonitrile	3.13	53	788749	243.687	ug/l	100
16) Acetone	2.43	43	761909	242.924	ug/l	99
17) Carbon Disulfide	2.56	76	587704	39.583	ug/l	99
18) Methyl Acetate	2.76	43	466731	53.440	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	841197	48.754	ug/l	98
20) Methylene Chloride	2.85	84	284459	47.209	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	259673	45.766	ug/l	94
22) Diisopropyl ether	3.84	45	909010	49.946	ug/l	98
23) Vinyl Acetate	3.80	43	3164366	209.003	ug/l	99
24) 1,1-Dichloroethane	3.69	63	492261	49.478	ug/l	98
25) 2-Butanone	4.66	43	1130266	242.479	ug/l	100
26) 2,2-Dichloropropane	4.57	77	270640	32.878	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	304457	46.725	ug/l	98
28) Bromochloromethane	5.01	49	207258	52.715	ug/l	98
29) Tetrahydrofuran	5.11	42	706835	245.980	ug/l	99
30) Chloroform	5.20	83	478544	47.427	ug/l	96
31) Cyclohexane	5.57	56	419640	44.718	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	397791	47.177	ug/l	99
36) 1,1-Dichloropropene	5.79	75	345879	44.910	ug/l	99
37) Ethyl Acetate	4.82	43	418338	48.418	ug/l	100
38) Carbon Tetrachloride	5.78	117	333035	46.896	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	409768	43.043	ug/l	99
40) Benzene	6.14	78	1092459	46.574	ug/l	99
41) Methacrylonitrile	5.03	41	242112	51.096	ug/l	99
42) 1,2-Dichloroethane	6.19	62	379356	47.421	ug/l	100
43) Isopropyl Acetate	6.43	43	675594	47.496	ug/l	100
44) Trichloroethene	7.21	130	304659	47.325	ug/l	97
45) 1,2-Dichloropropane	7.51	63	288971	49.239	ug/l	100
46) Dibromomethane	7.65	93	189085	47.438	ug/l	97
47) Bromodichloromethane	7.89	83	373041	49.506	ug/l	98
48) Methyl methacrylate	7.76	41	342573	49.568	ug/l	100
49) 1,4-Dioxane	7.73	88	127248	822.546	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2236649	249.977	ug/l	99
52) Toluene	8.78	92	685512	47.042	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	382773	44.628	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	430958	45.991	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	290291	49.434	ug/l	96
56) Ethyl methacrylate	9.17	69	465379	49.292	ug/l	100
57) 1,3-Dichloropropane	9.37	76	484207	47.837	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	871571	235.454	ug/l	100
59) 2-Hexanone	9.48	43	1684582	241.402	ug/l	99
60) Dibromochloromethane	9.57	129	299535	49.150	ug/l	99
61) 1,2-Dibromoethane	9.67	107	298972	47.669	ug/l	100
64) Tetrachloroethene	9.33	164	390307	67.094	ug/l	99
65) Chlorobenzene	10.14	112	745985	46.060	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	279221	48.011	ug/l	99
67) Ethyl Benzene	10.25	91	1319849	47.424	ug/l	98
68) m/p-Xylenes	10.36	106	999146	93.771	ug/l	100
69) o-Xylene	10.70	106	485208	46.691	ug/l	99
70) Styrene	10.71	104	839919	48.048	ug/l	99
71) Bromoform	10.85	173	227849	47.349	ug/l	# 100
73) Isopropylbenzene	11.01	105	1282944	45.019	ug/l	100
74) N-amyl acetate	10.89	43	594932	45.573	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	444026	44.929	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	426423m	46.667	ug/l	
77) Bromobenzene	11.25	156	341074	44.303	ug/l	98
78) n-propylbenzene	11.35	91	1456848	45.795	ug/l	100
79) 2-Chlorotoluene	11.42	91	870701	45.627	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1065849	45.634	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	133419	39.946	ug/l	99
82) 4-Chlorotoluene	11.51	91	999063	45.201	ug/l	100
83) tert-Butylbenzene	11.76	119	958100	40.363	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	1080605	45.587	ug/l	99
85) sec-Butylbenzene	11.94	105	1246090	45.959	ug/l	100
86) p-Isopropyltoluene	12.06	119	1162968	46.107	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	596888	44.477	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	600452	43.927	ug/l	99
89) n-Butylbenzene	12.39	91	1000335	46.500	ug/l	100
90) Hexachloroethane	12.59	117	200537	43.986	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	601432	45.358	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	98530	45.782	ug/l	98

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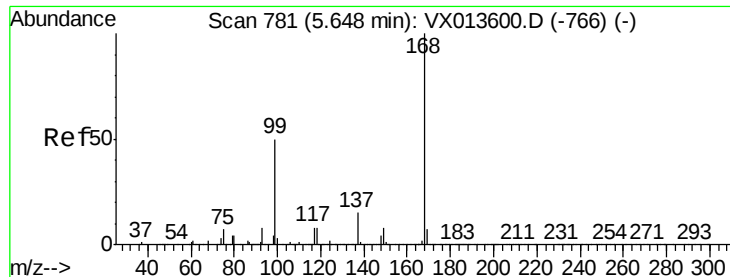
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	415849	45.000	ug/l	99
94) Hexachlorobutadiene	13.78	225	192410	43.343	ug/l	99
95) Naphthalene	13.83	128	1285953	46.728	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	414976	45.354	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 547281

Ion Ratio Lower Upper

168 100

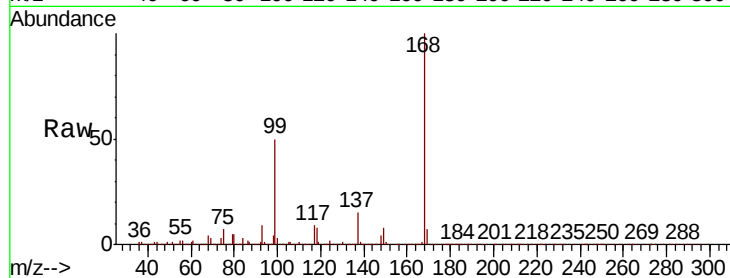
99 49.5 39.8 59.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

100000

50000

0

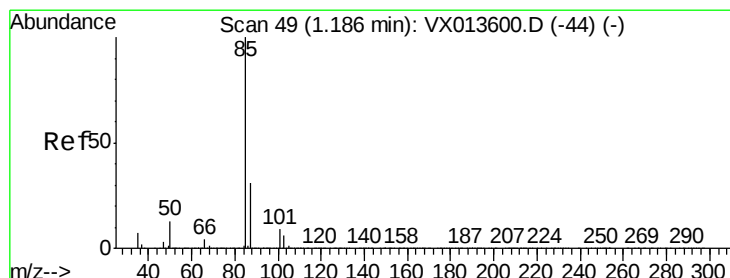
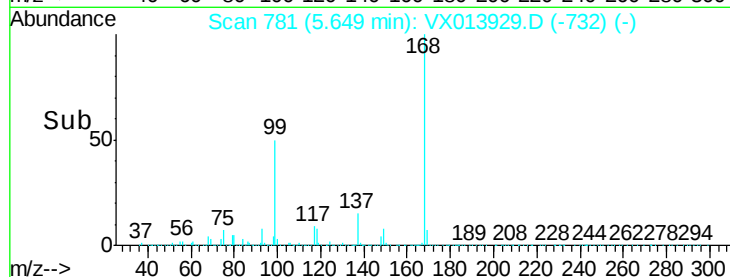
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.400 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013929.D

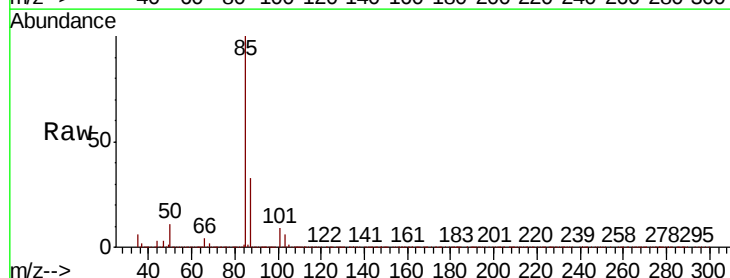
Acq: 11 Dec 2019 04:37

Tgt Ion: 85 Resp: 264372

Ion Ratio Lower Upper

85 100

87 32.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

100000

50000

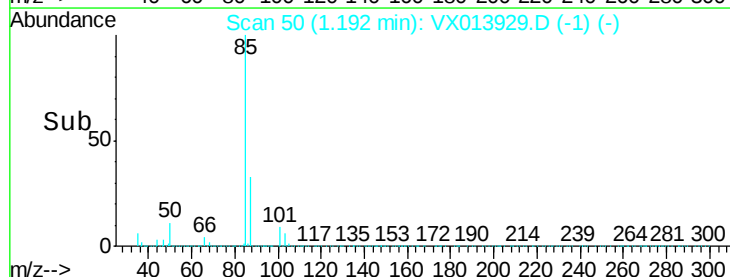
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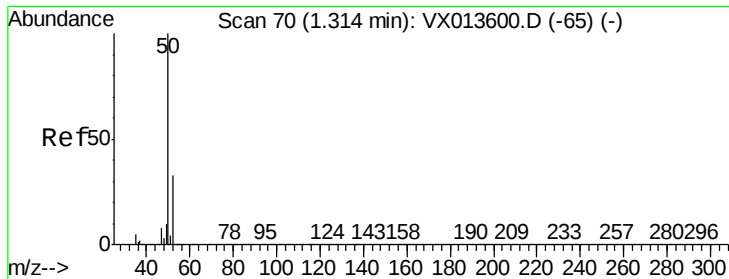
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 43.965 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 300505

Ion Ratio Lower Upper

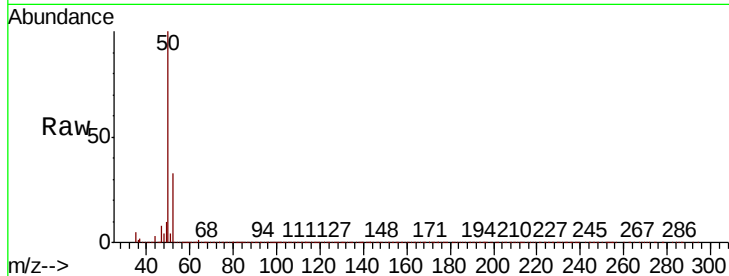
50 100

52 32.8 26.0 39.0

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

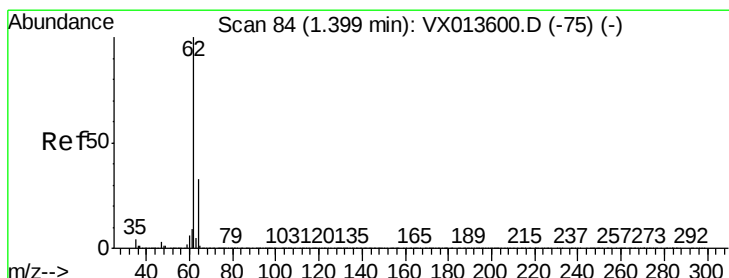
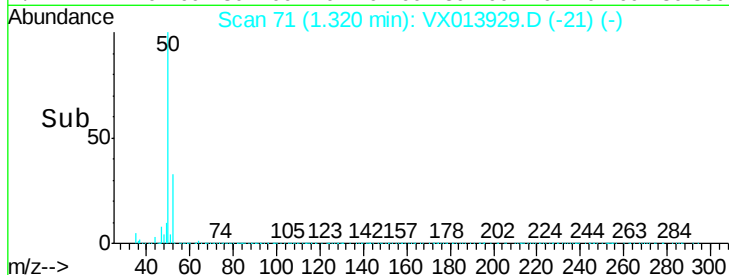
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 46.887 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013929.D

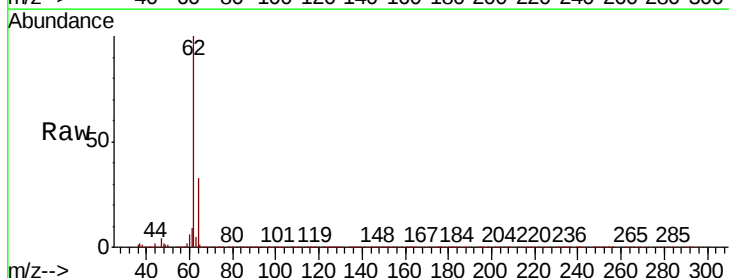
Acq: 11 Dec 2019 04:37

Tgt Ion: 62 Resp: 360705

Ion Ratio Lower Upper

62 100

64 32.8 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

400000

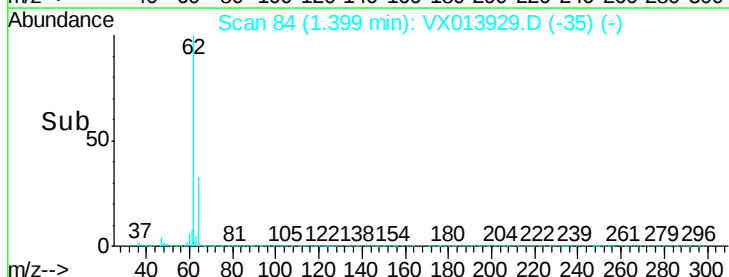
300000

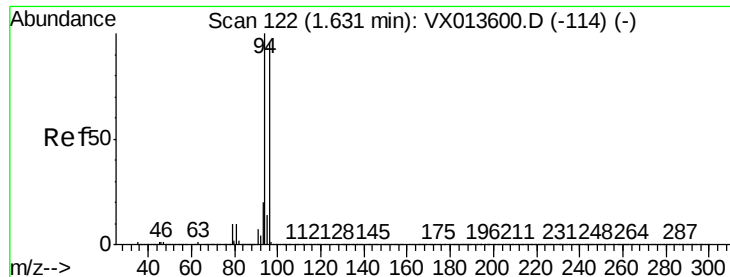
200000

100000

0

Time-->





#5

Bromomethane

Concen: 43.256 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 223482

Ion Ratio Lower Upper

94 100

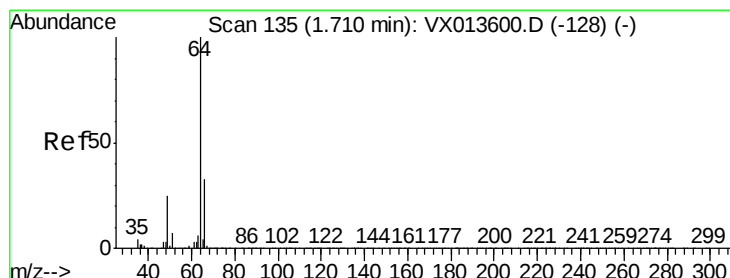
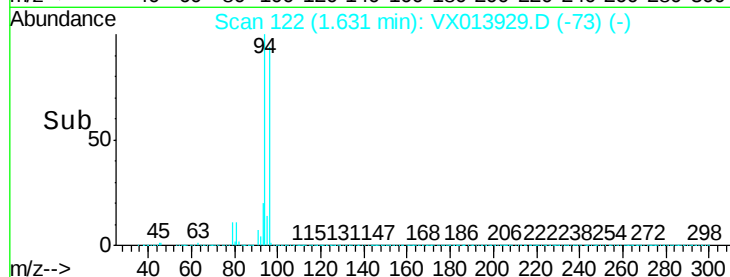
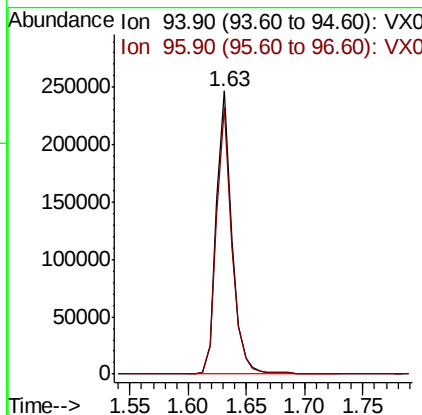
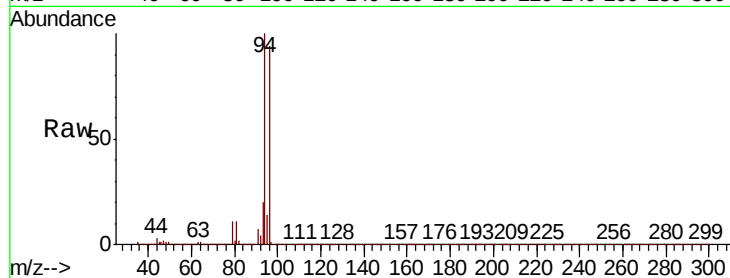
96 94.2 77.0 115.4

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#6

Chloroethane

Concen: 45.721 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013929.D

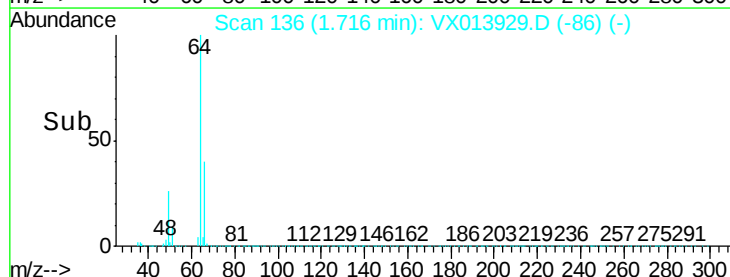
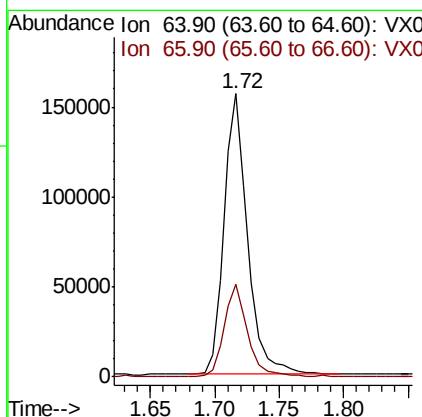
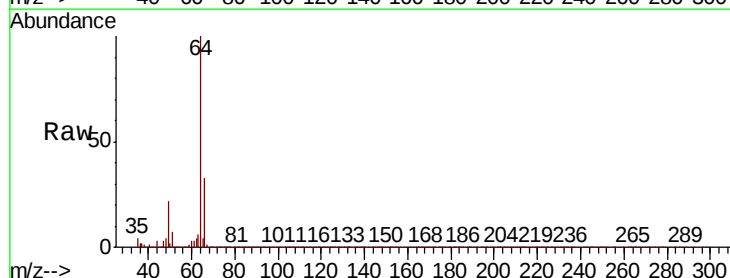
Acq: 11 Dec 2019 04:37

Tgt Ion: 64 Resp: 200155

Ion Ratio Lower Upper

64 100

66 32.9 26.7 40.1





#7

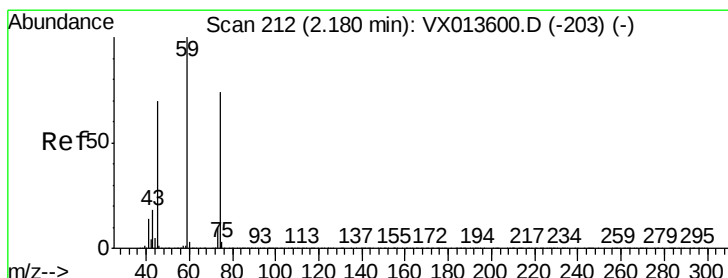
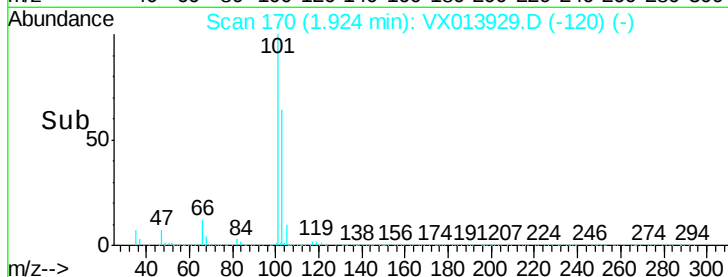
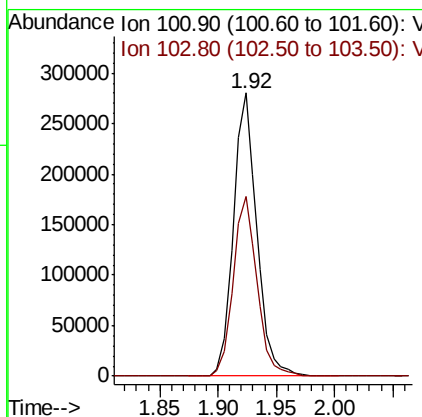
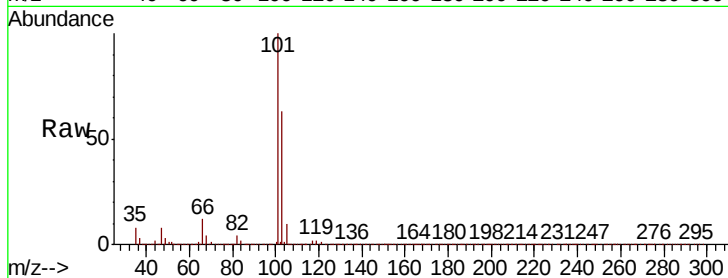
Trichlorofluoromethane
Concen: 45.954 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.8	77.6

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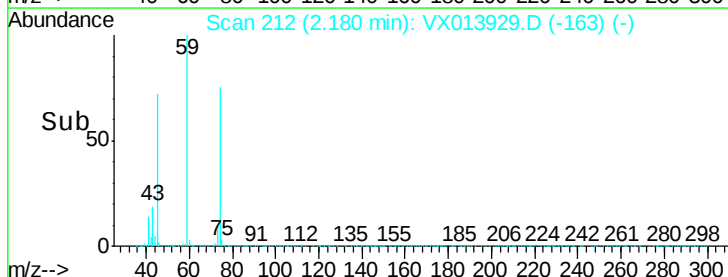
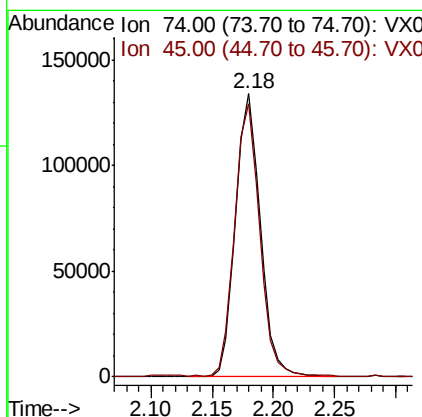
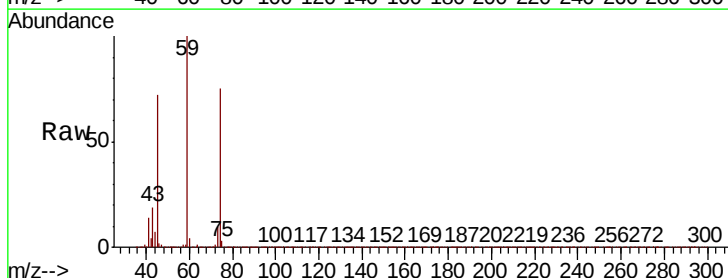
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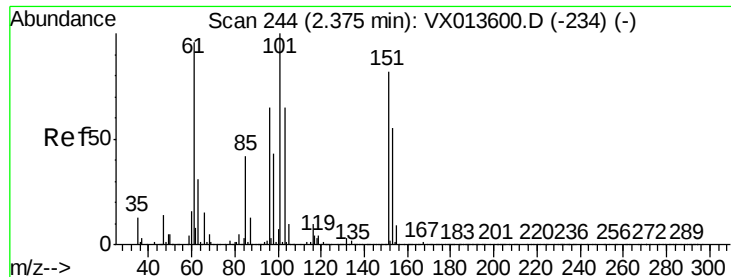


#8

Diethyl Ether
Concen: 48.336 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.960 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

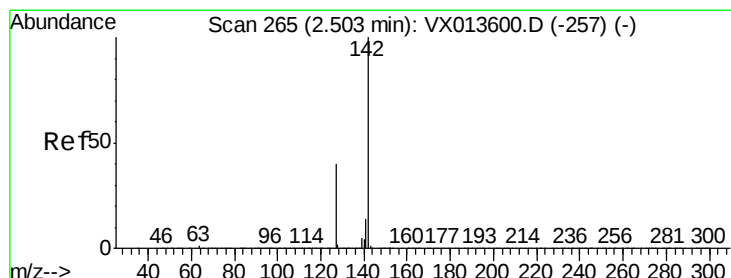
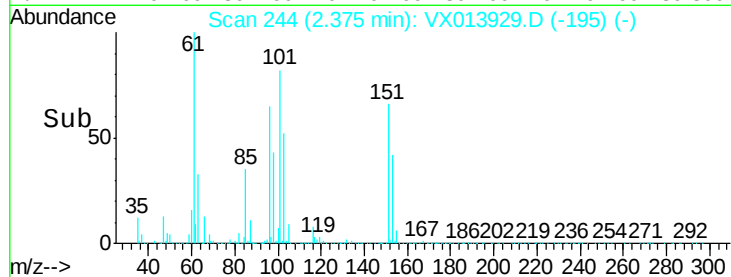
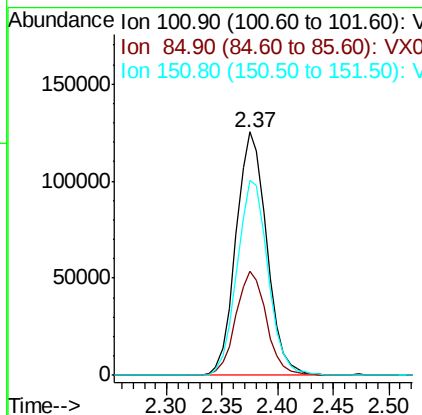
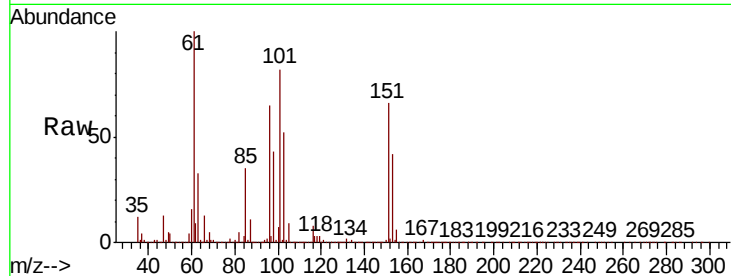
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	239813
Ion Ratio	Lower	Upper	
101	100		
85	42.8	33.9	50.9
151	80.7	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 46.188 ug/l

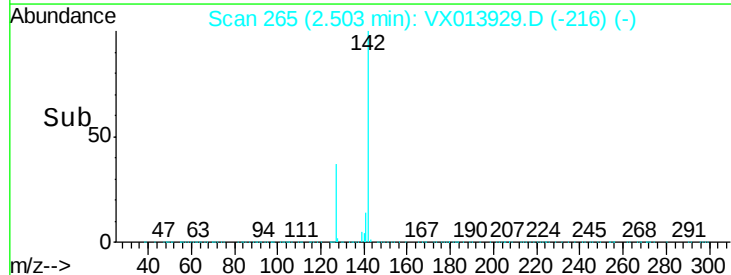
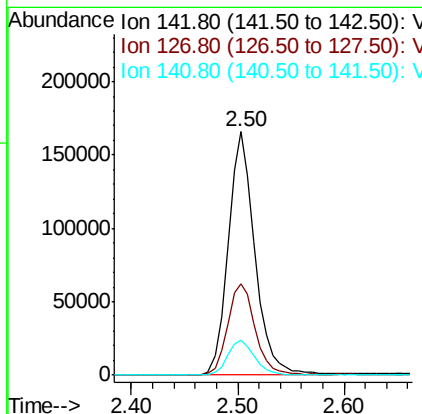
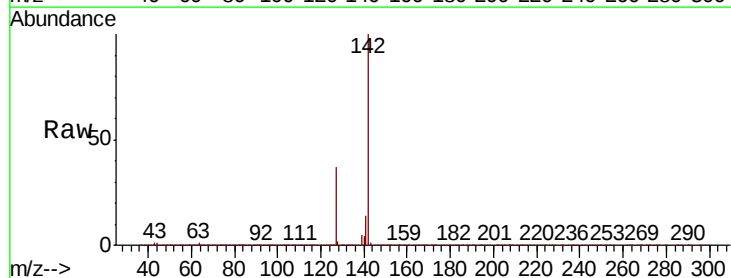
RT: 2.50 min Scan# 265

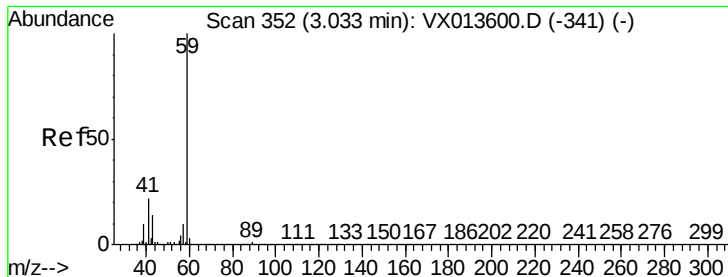
Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Tgt Ion:	142	Resp:	291534
Ion Ratio	Lower	Upper	
142	100		
127	38.5	31.0	46.4
141	14.5	11.6	17.4





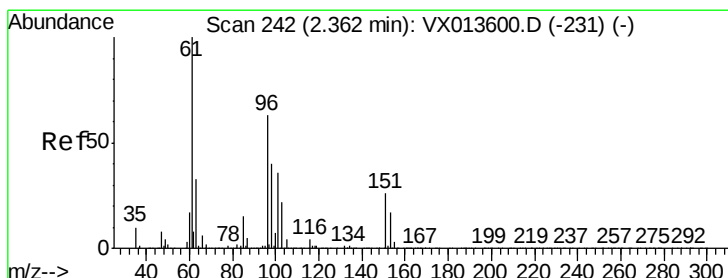
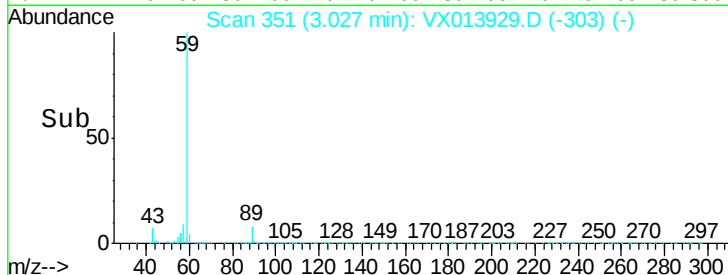
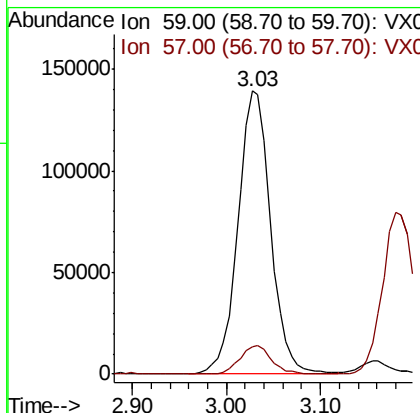
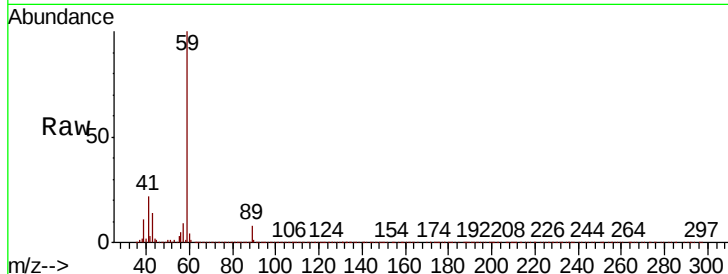
#11
Tert butyl alcohol
Concen: 214.019 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 335593
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.6

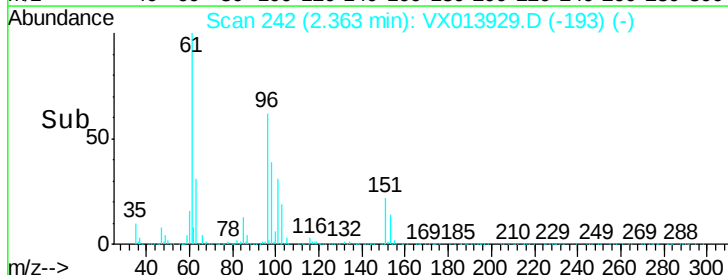
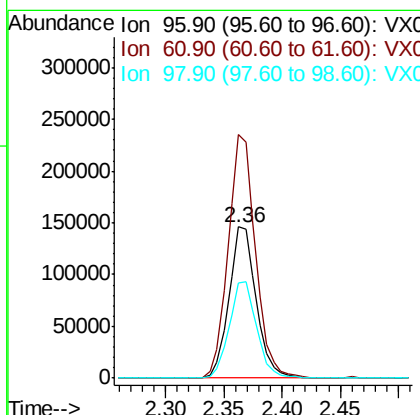
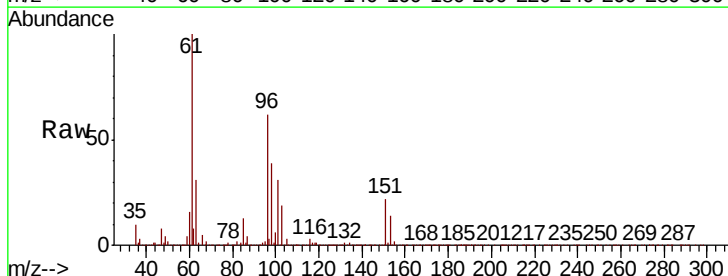
Manual Integrations
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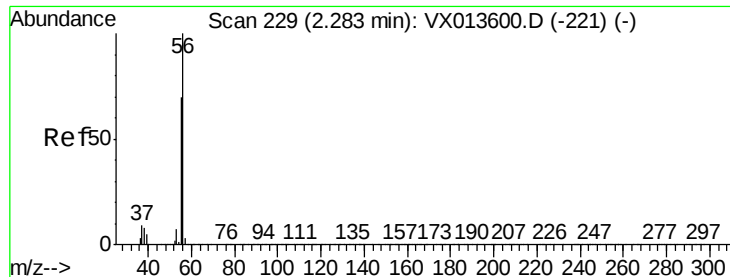
apatel
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#12
1,1-Dichloroethene
Concen: 45.408 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Tgt Ion: 96 Resp: 236497
Ion Ratio Lower Upper
96 100
61 161.1 126.6 190.0
98 63.2 50.6 76.0





#13

Acrolein

Concen: 228.647 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 239224

Ion Ratio Lower Upper

56 100

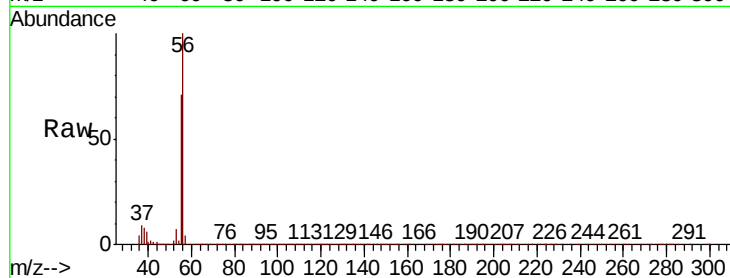
55 71.1 56.2 84.4

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

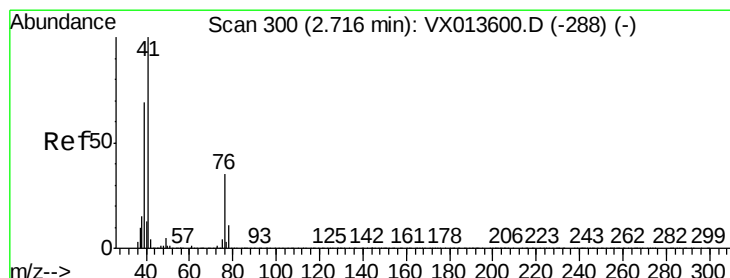
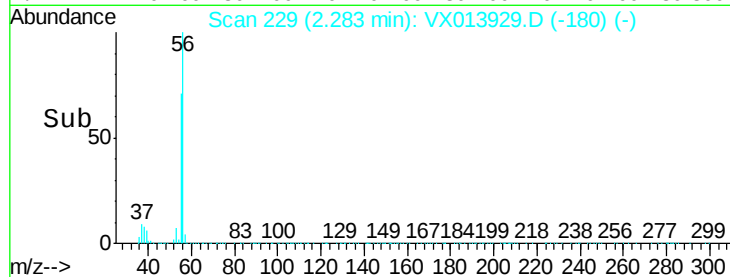
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 44.895 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

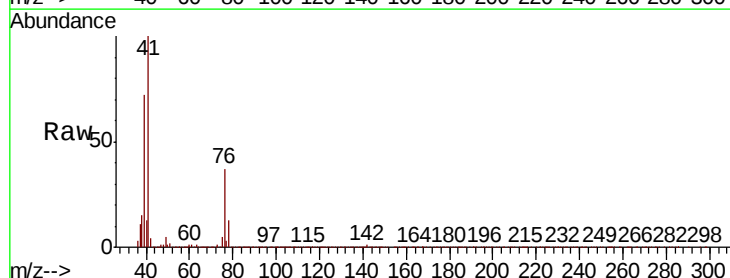
Tgt Ion: 41 Resp: 424334

Ion Ratio Lower Upper

41 100

39 63.9 51.7 77.5

76 32.0 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

400000

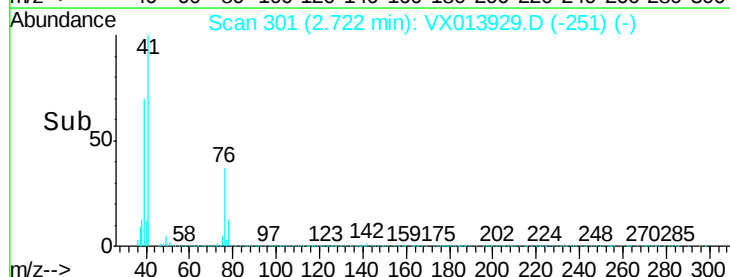
300000

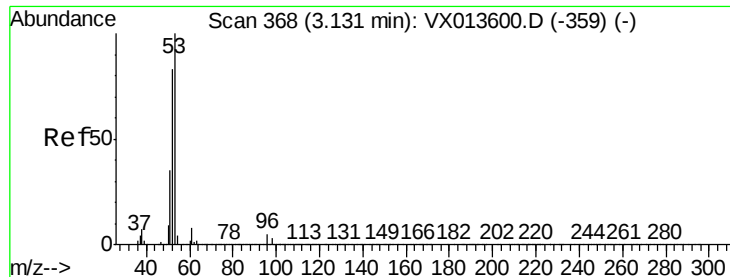
200000

100000

0

Time-->





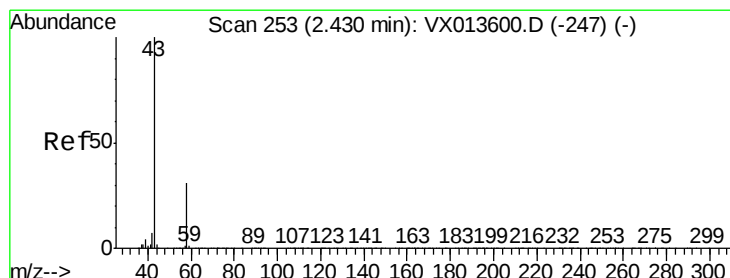
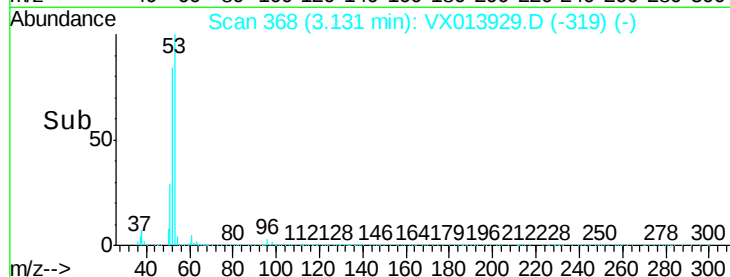
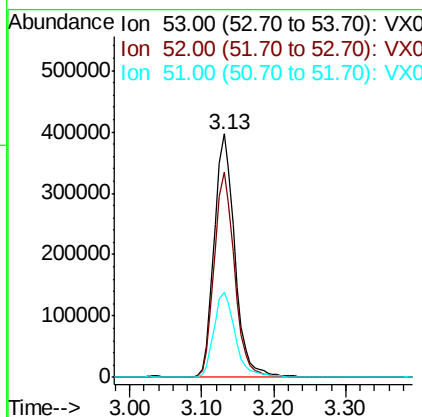
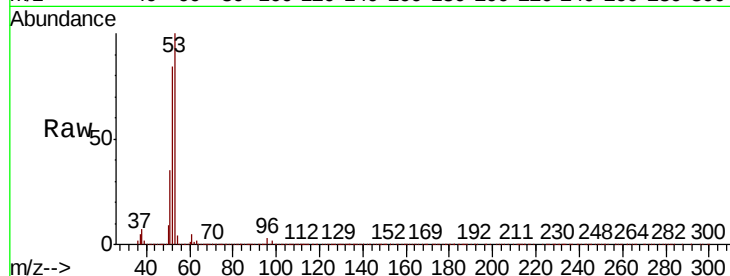
#15
 Acrylonitrile
 Concen: 243.687 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX013929.D
 Acq: 11 Dec 2019 04:37

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion:	53	Resp:	788749
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.2
51	36.1	29.0	43.6

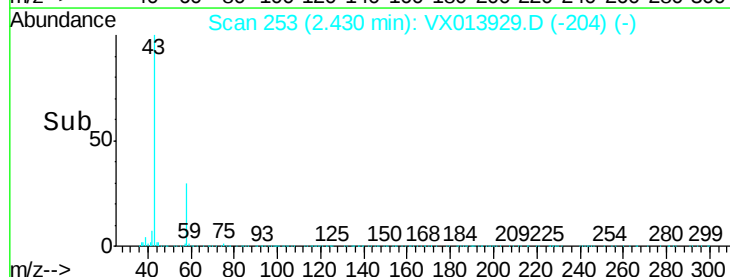
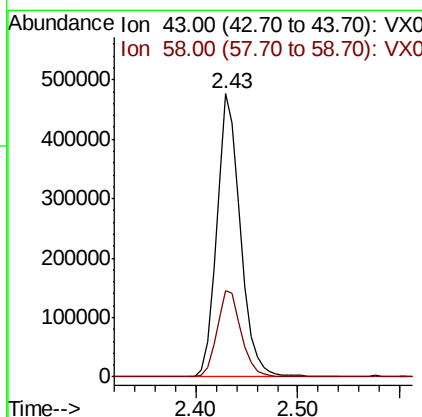
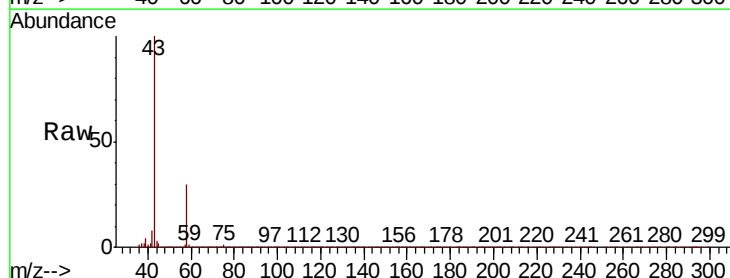
Manual Integrations
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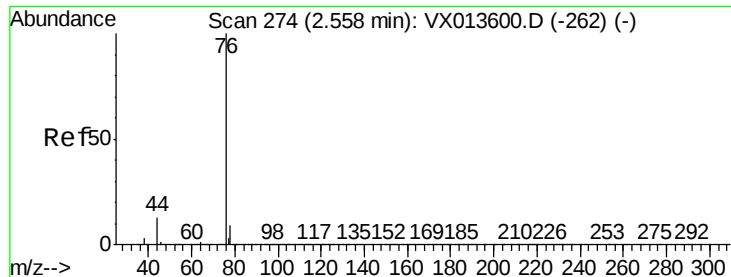
apatel
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#16
 Acetone
 Concen: 242.924 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX013929.D
 Acq: 11 Dec 2019 04:37

Tgt Ion:	43	Resp:	761909
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.6	36.8





#17

Carbon Disulfide

Concen: 39.583 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 587704

Ion Ratio Lower Upper

76 100

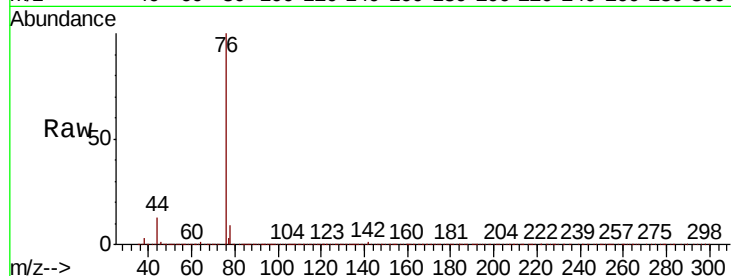
78 9.4 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

400000

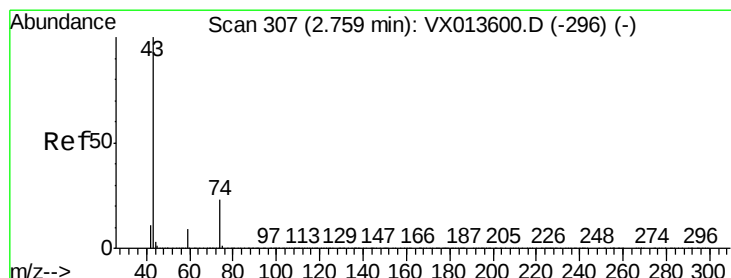
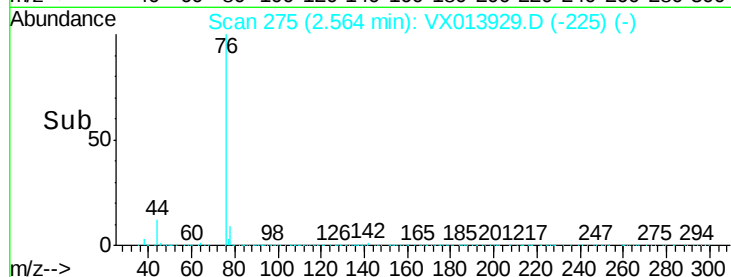
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 53.440 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013929.D

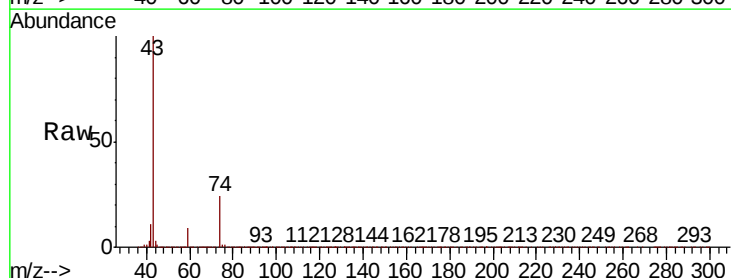
Acq: 11 Dec 2019 04:37

Tgt Ion: 43 Resp: 466731

Ion Ratio Lower Upper

43 100

74 24.1 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

300000

250000

200000

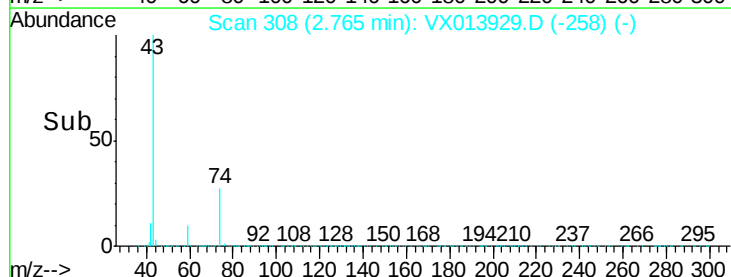
150000

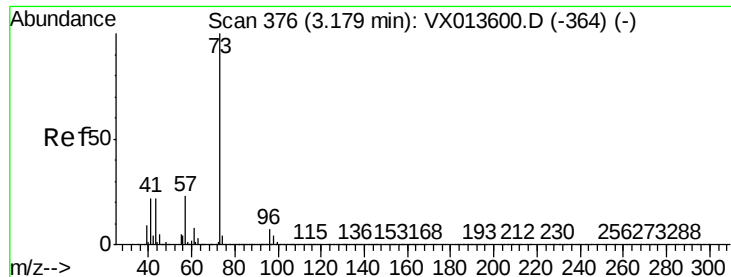
100000

50000

0

Time-->





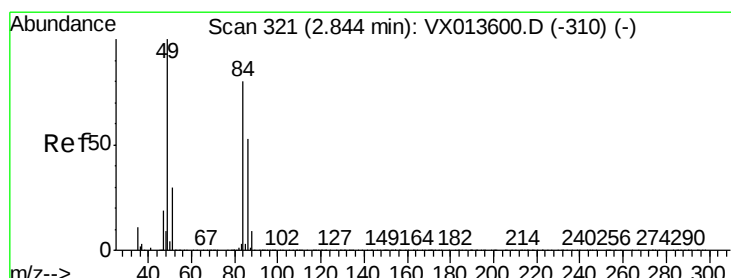
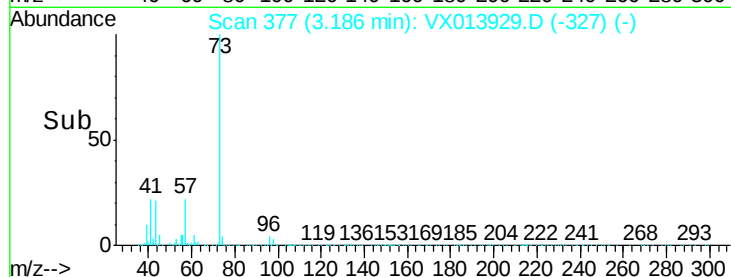
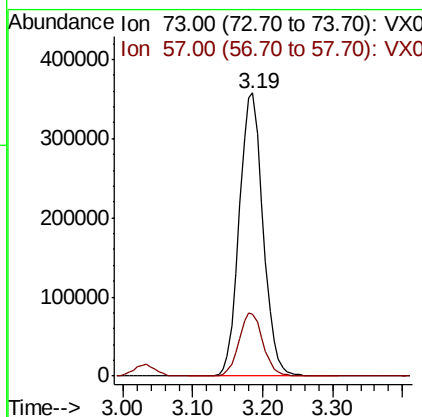
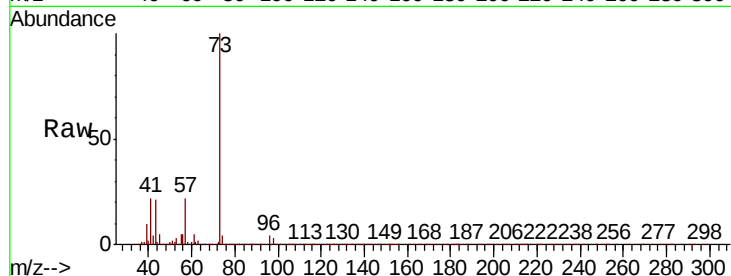
#19
Methvl tert-butvl Ether
Concen: 48.754 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.3	27.5

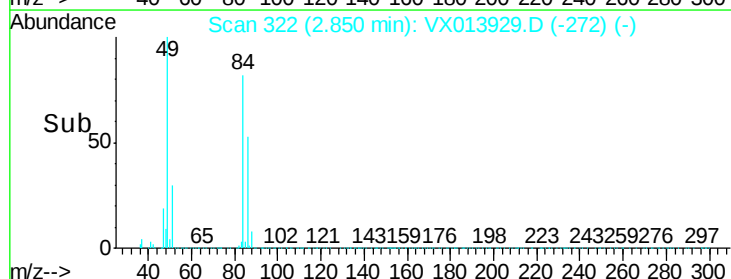
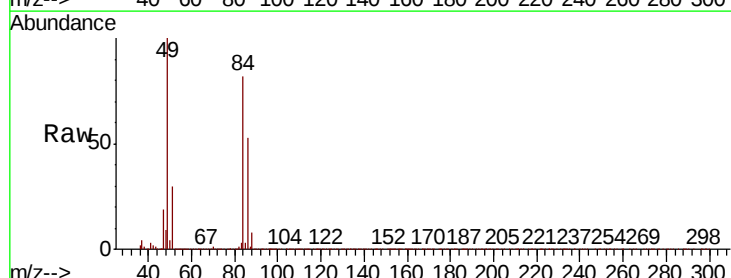
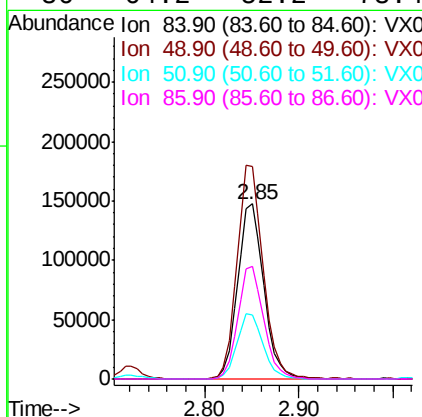
Manual Integrations
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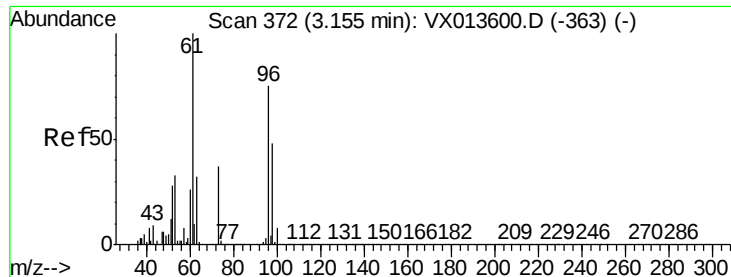
apatel
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#20
Methylene Chloride
Concen: 47.209 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.5	99.7	149.5
51	36.4	29.9	44.9
86	64.2	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 45.766 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 259673

Ion Ratio Lower Upper

96 100

61 143.1 107.2 160.8

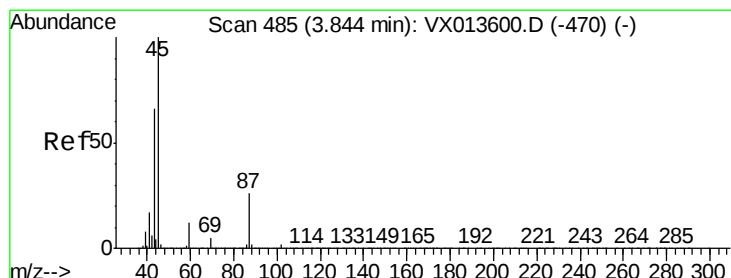
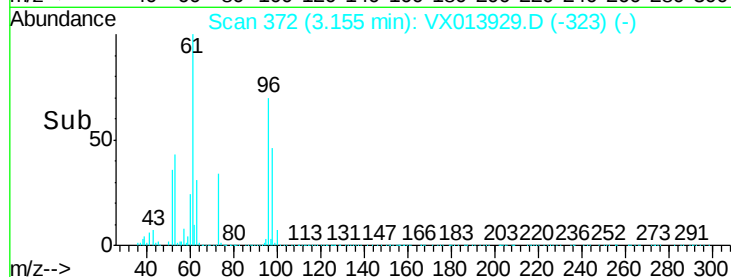
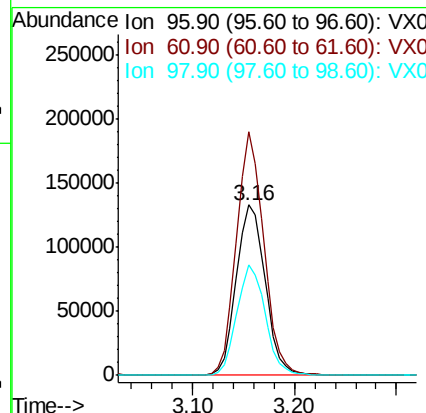
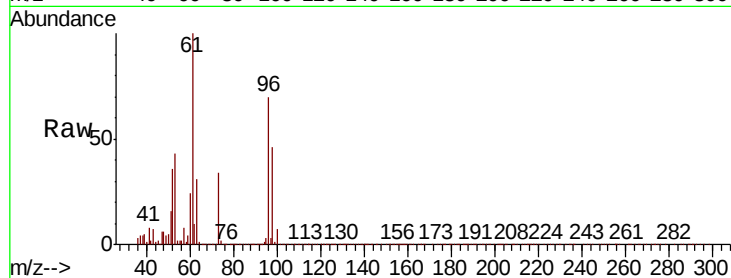
98 65.2 51.4 77.0

Manual Integrations

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#22

Diisopropyl ether

Concen: 49.946 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Tgt Ion: 45 Resp: 909010

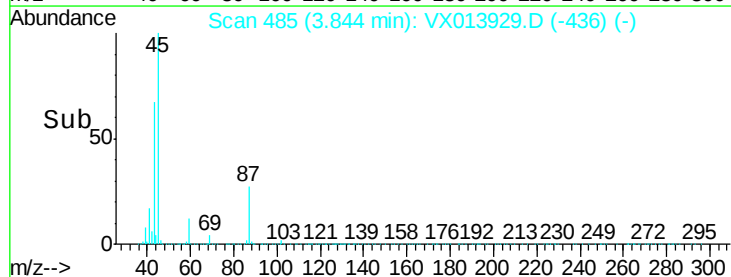
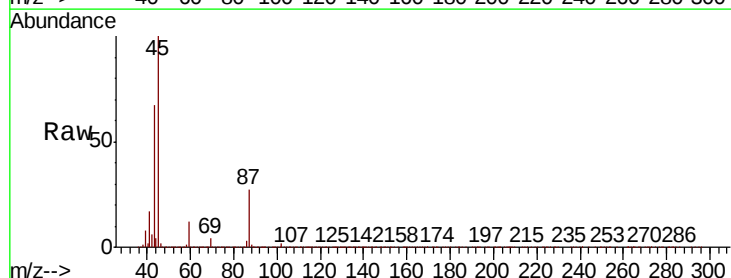
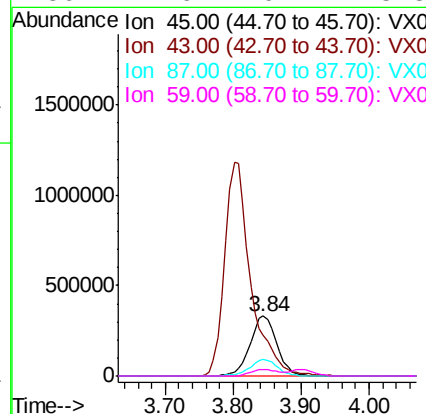
Ion Ratio Lower Upper

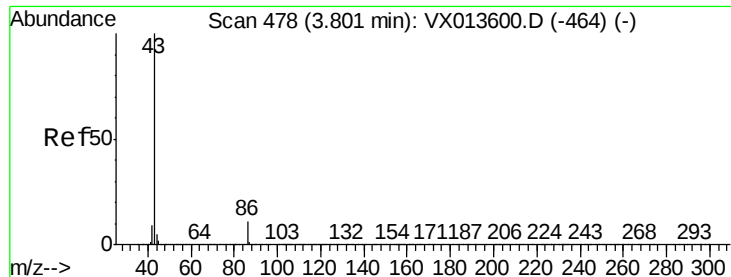
45 100

43 67.4 52.6 79.0

87 27.0 21.1 31.7

59 11.6 9.2 13.8





#23

Vinyl Acetate

Concen: 209.003 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3164366

Ion Ratio Lower Upper

43 100

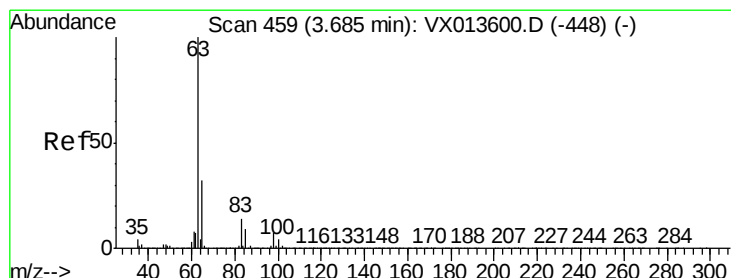
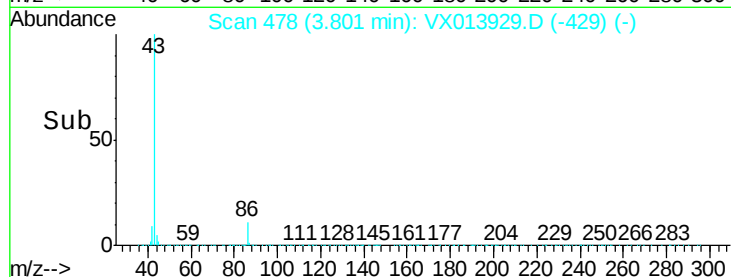
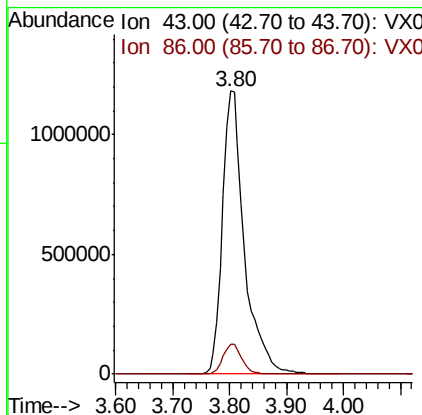
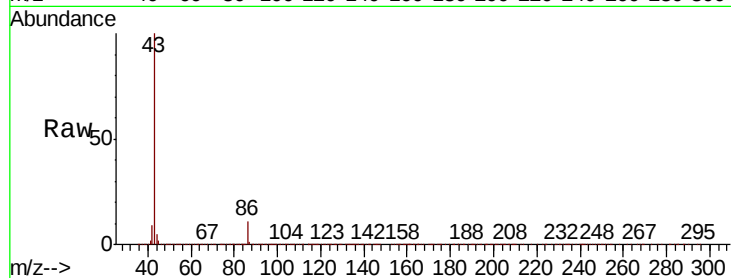
86 10.6 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.478 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

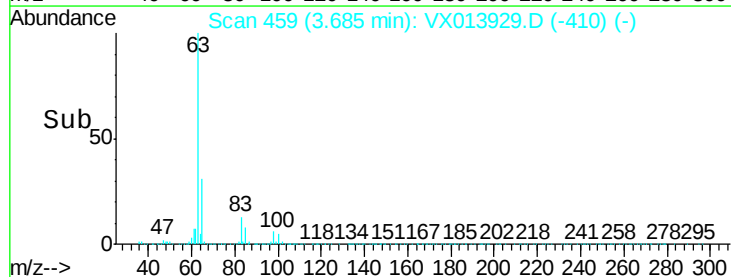
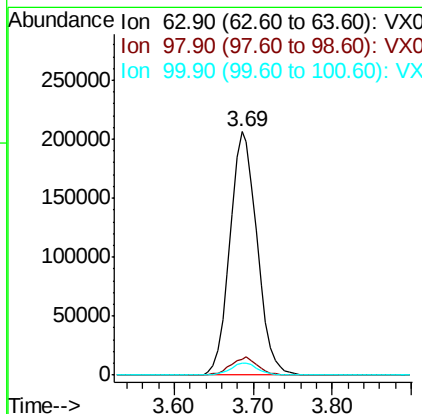
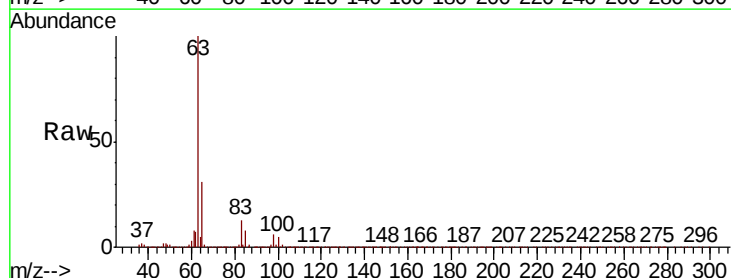
Tgt Ion: 63 Resp: 492261

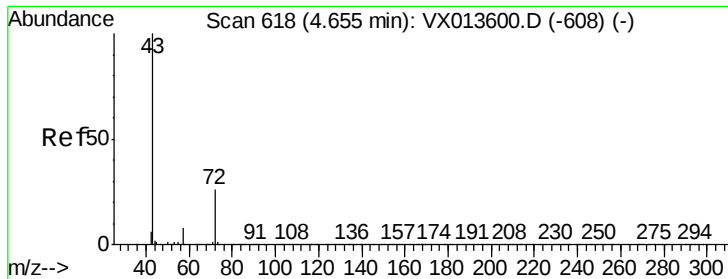
Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.4

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 242.479 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1130266

Ion Ratio Lower Upper

43 100

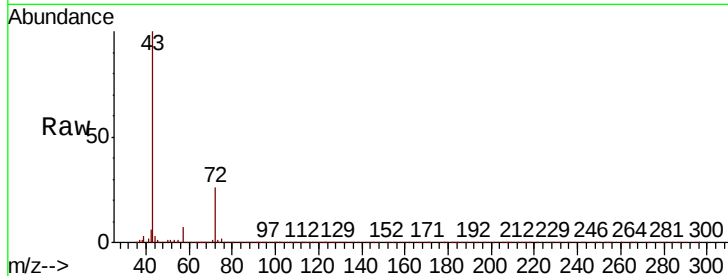
72 25.9 20.6 31.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.66

400000

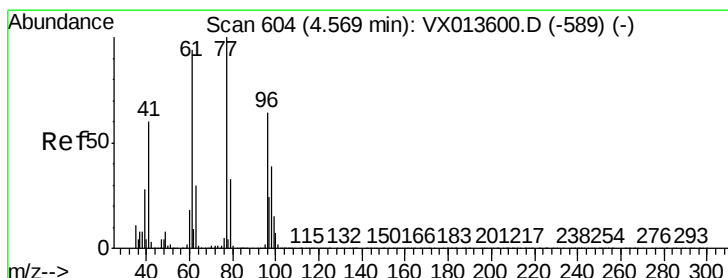
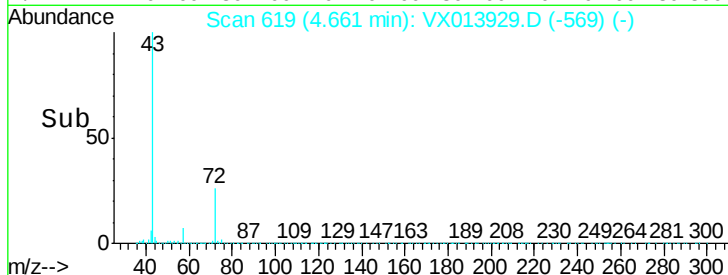
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 32.878 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013929.D

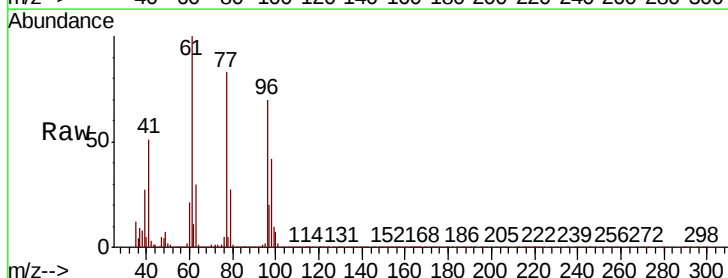
Acq: 11 Dec 2019 04:37

Tgt Ion: 77 Resp: 270640

Ion Ratio Lower Upper

77 100

97 25.1 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

100000

80000

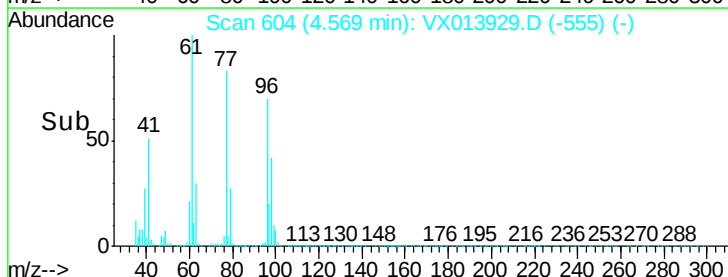
60000

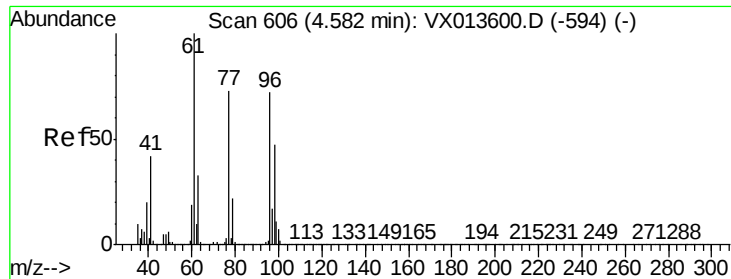
40000

20000

0

Time-->





#27

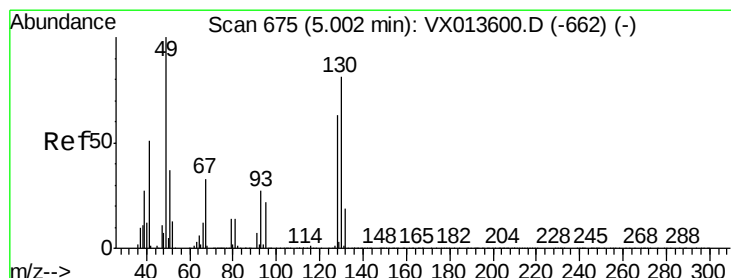
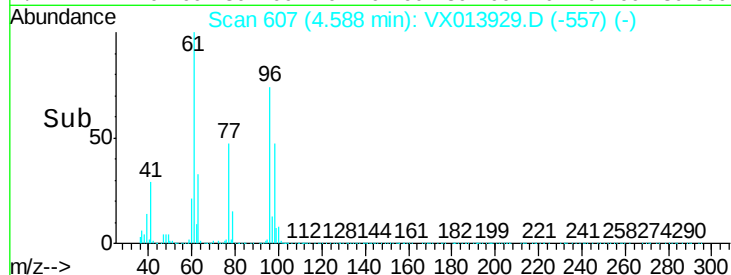
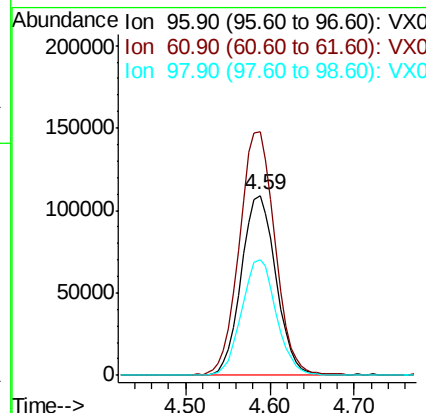
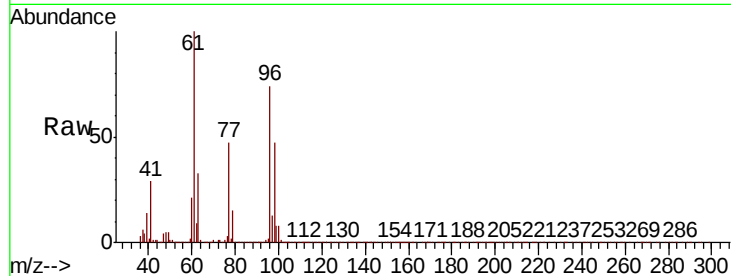
cis-1,2-Dichloroethene
Concen: 46.725 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	304457		
61	138.9	0.0	286.4	
98	64.0	0.0	127.4	

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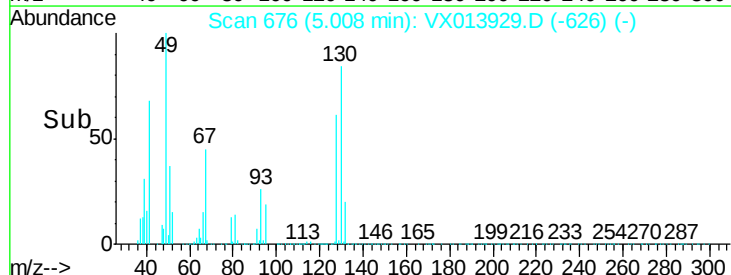
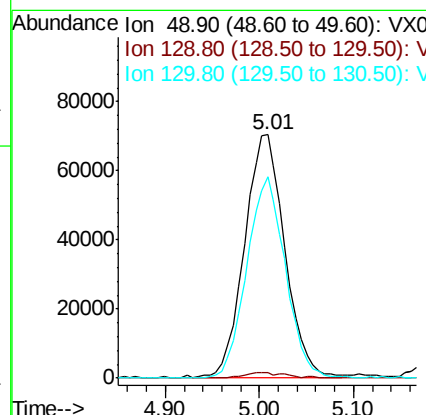
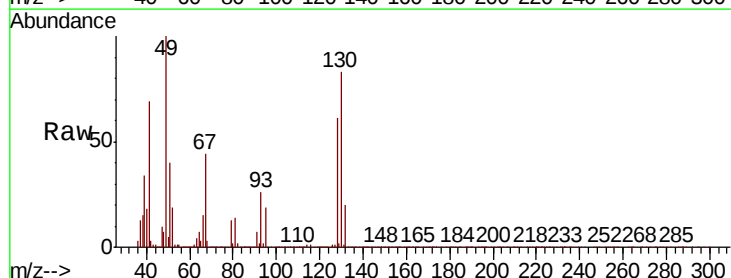
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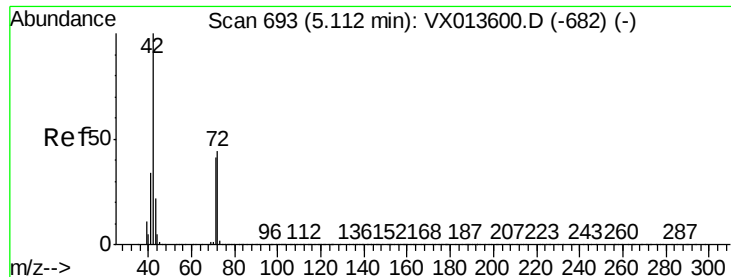


#28

Bromochloromethane
Concen: 52.715 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	207258		
129	2.5	0.0	5.0	
130	79.9	65.4	98.0	





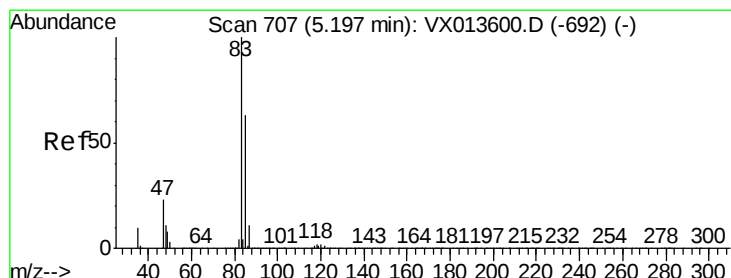
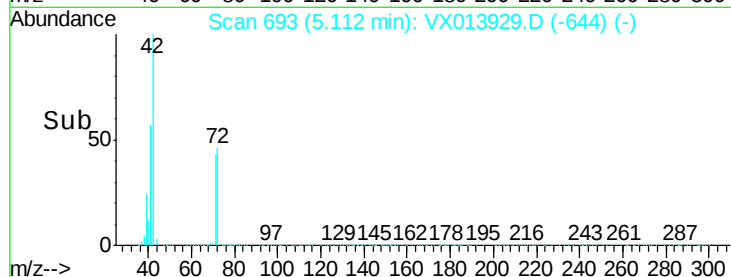
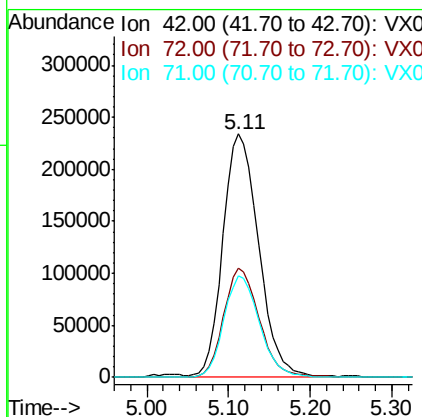
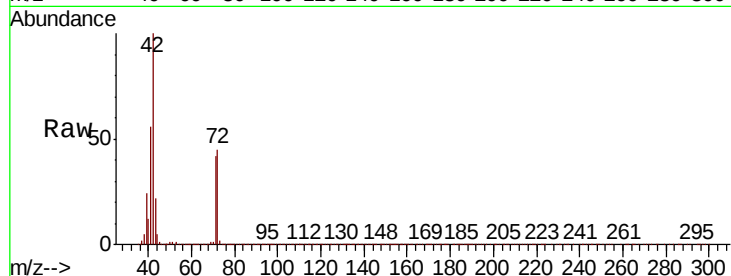
#29
Tetrahydrofuran
Concen: 245.980 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	706835
Ion Ratio		Lower	Upper
42	100		
72	44.6	36.3	54.5
71	41.8	33.2	49.8

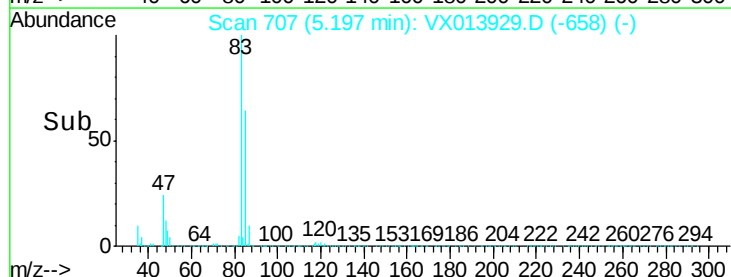
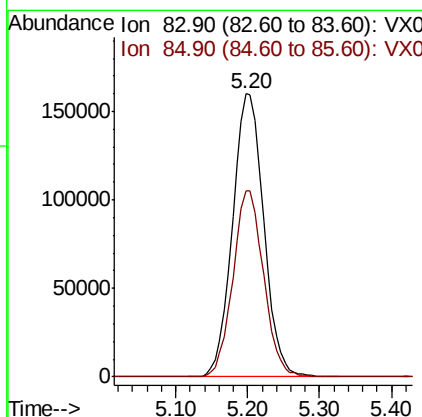
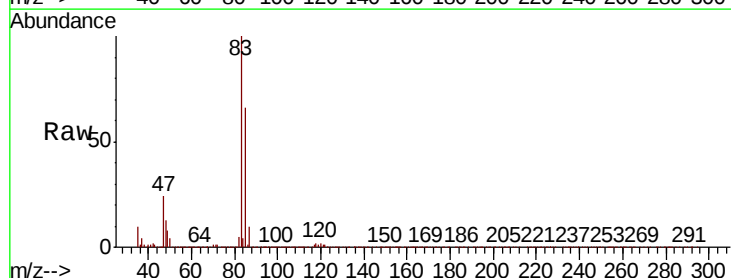
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#30
Chloroform
Concen: 47.427 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Tgt Ion:	83	Resp:	478544
Ion Ratio		Lower	Upper
83	100		
85	65.8	50.2	75.4





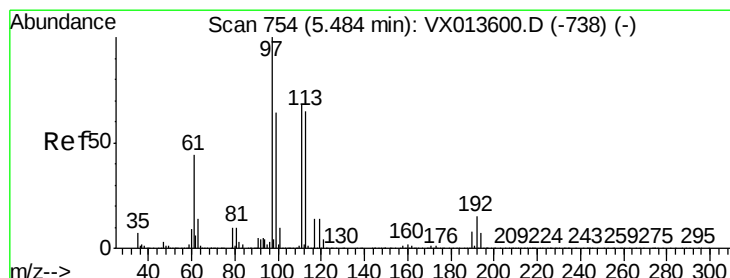
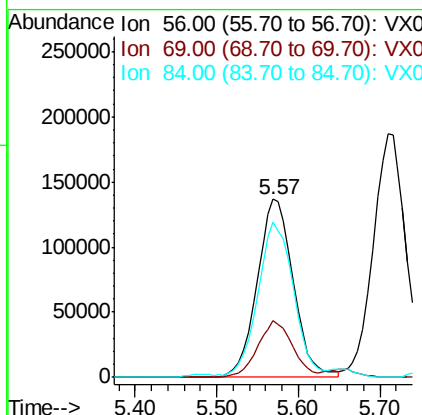
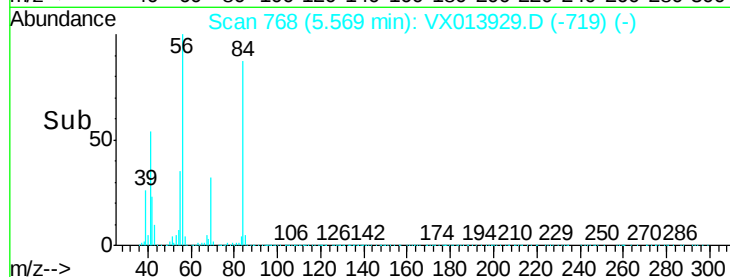
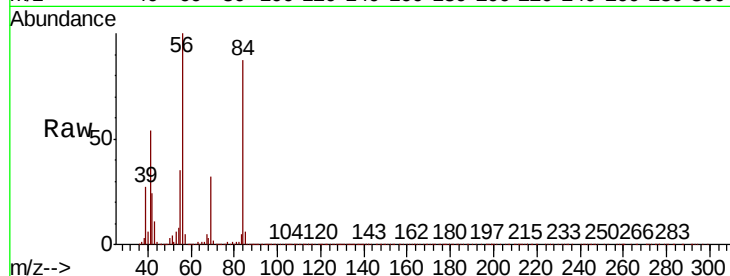
#31
Cyclohexane
Concen: 44.718 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	24.6	36.8
84	86.5	70.0	105.0

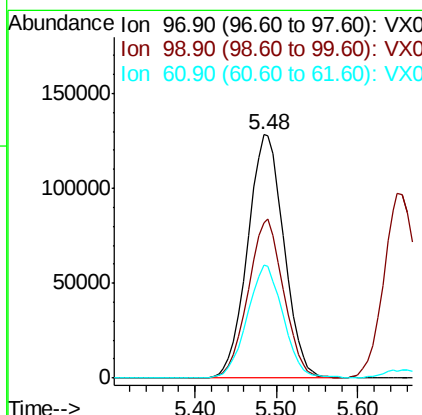
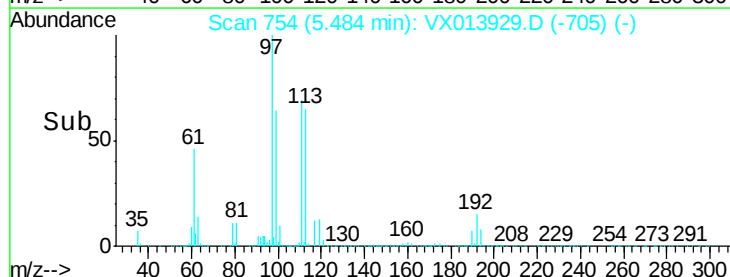
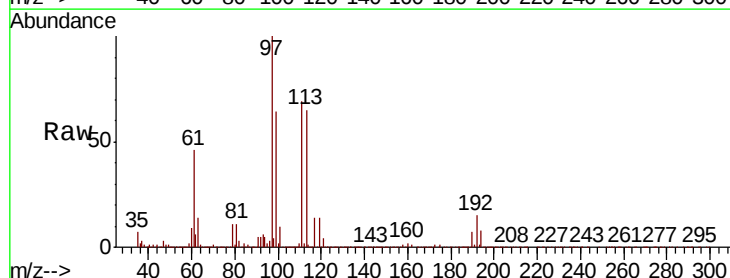
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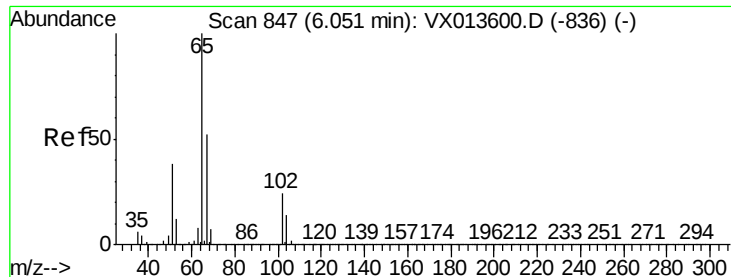
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#32
1,1,1-Trichloroethane
Concen: 47.177 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	46.2	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 47.285 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 300387

Ion Ratio Lower Upper

65 100

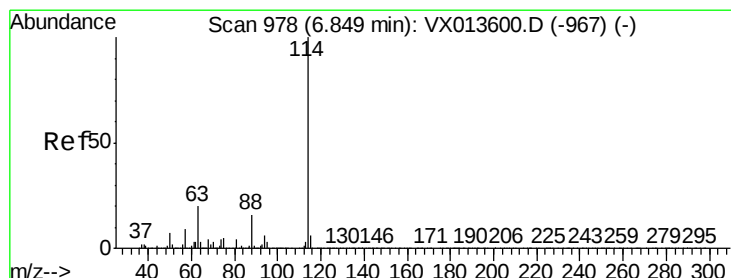
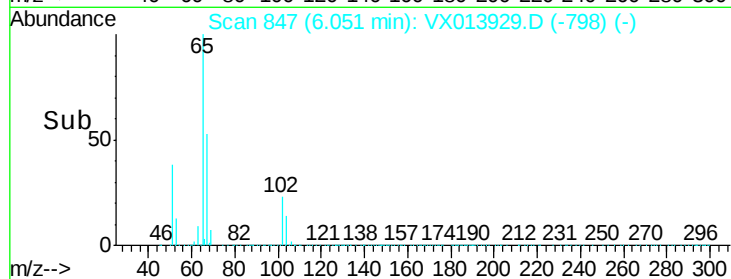
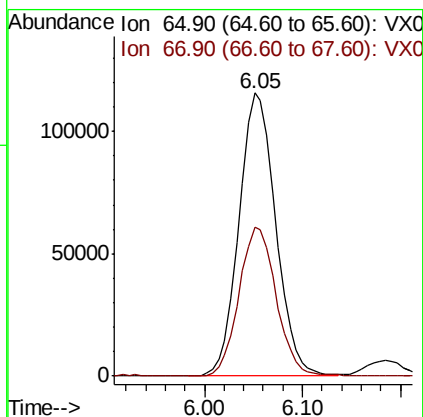
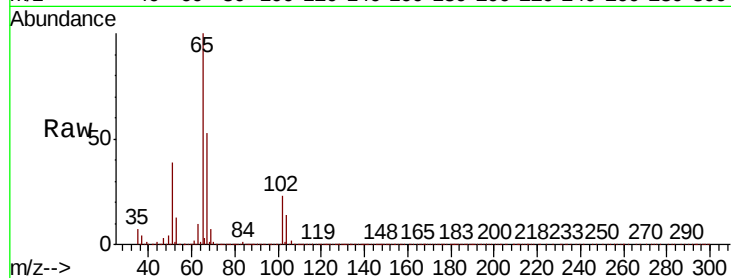
67 53.0 0.0 104.4

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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: VX013929.D

Acq: 11 Dec 2019 04:37

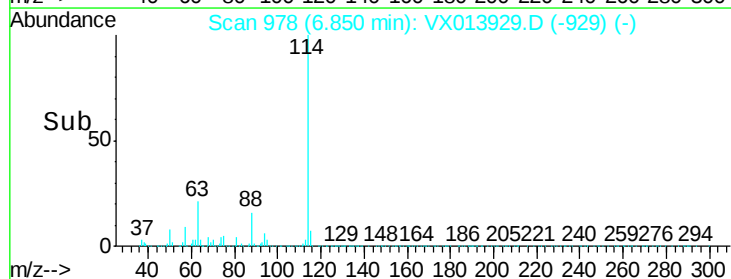
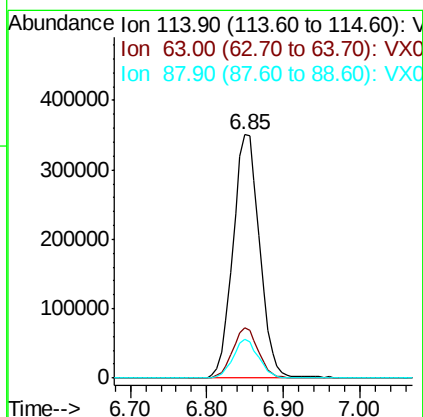
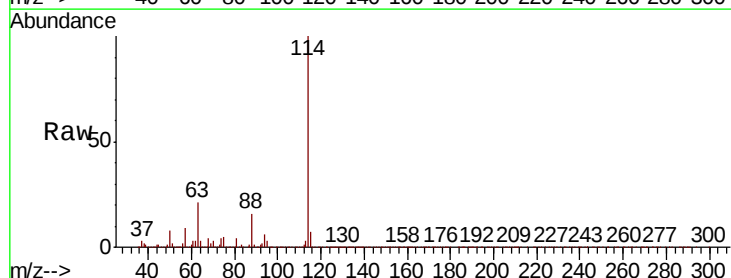
Tgt Ion: 114 Resp: 848433

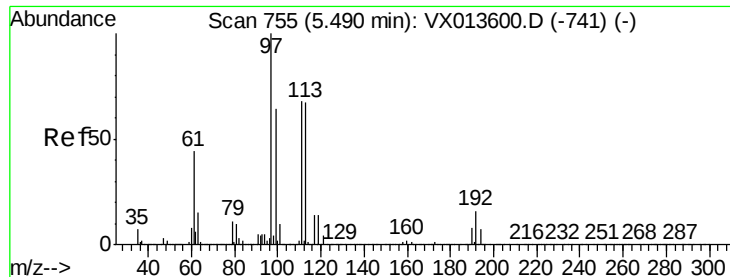
Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.988 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

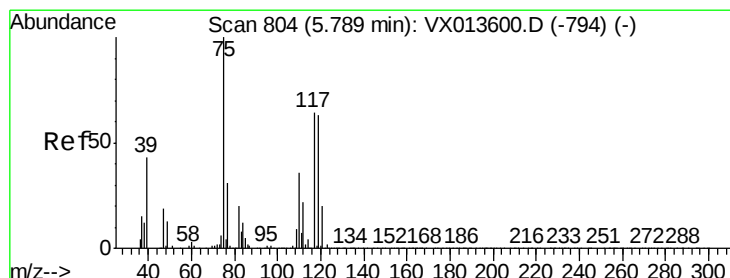
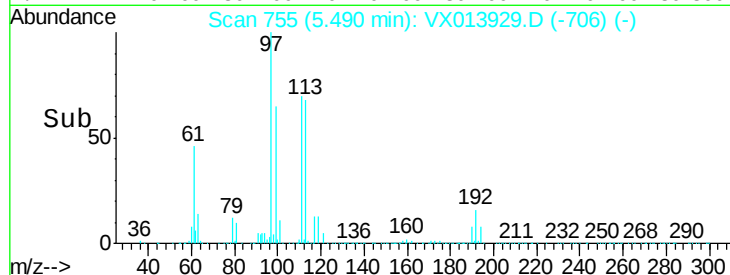
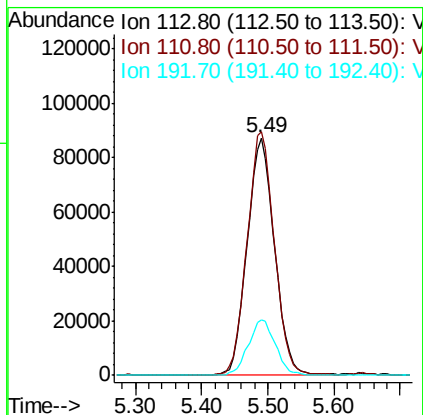
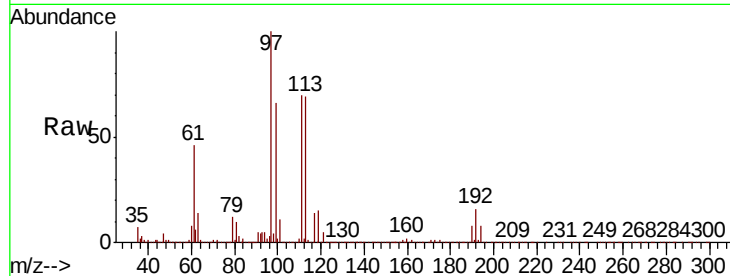
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	251704
Ion Ratio	Lower	Upper	
113	100		
111	101.7	83.6	125.4
192	23.4	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 44.910 ug/l

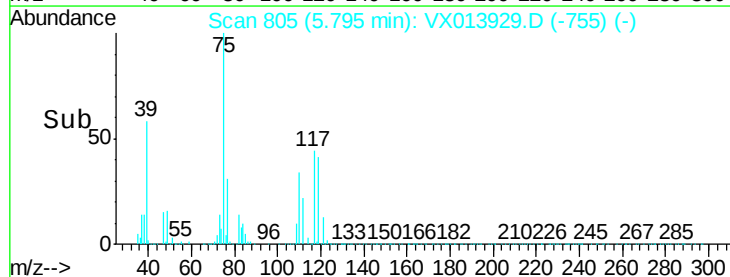
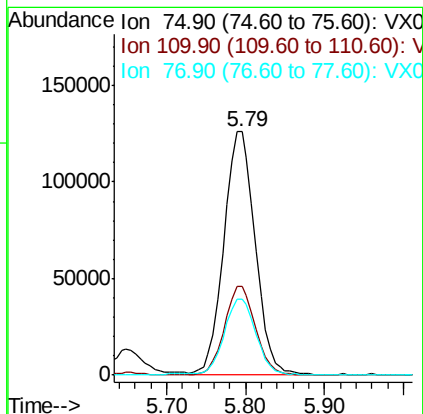
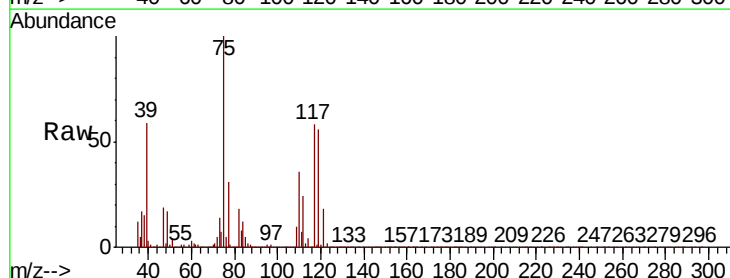
RT: 5.79 min Scan# 805

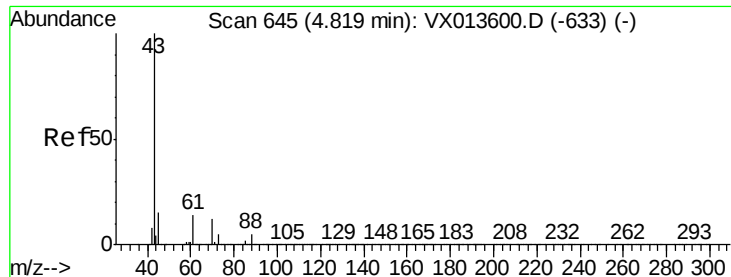
Delta R.T. 0.01 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Tgt Ion:	75	Resp:	345879
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.1	54.1
77	31.1	24.5	36.7





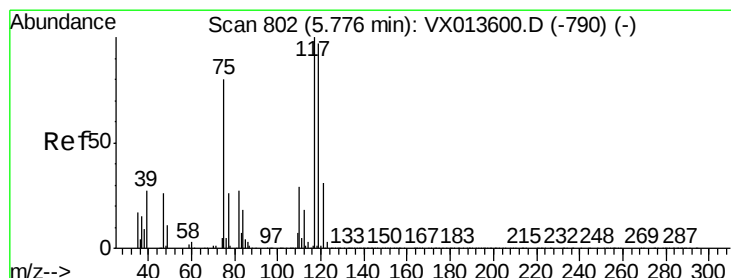
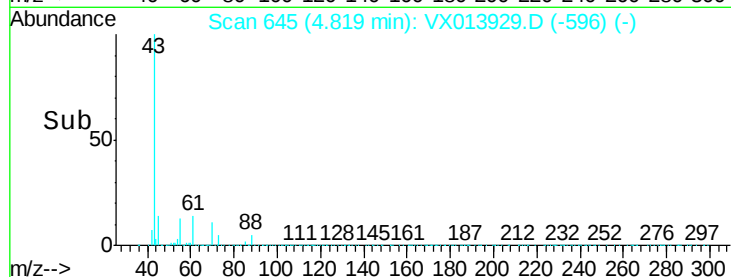
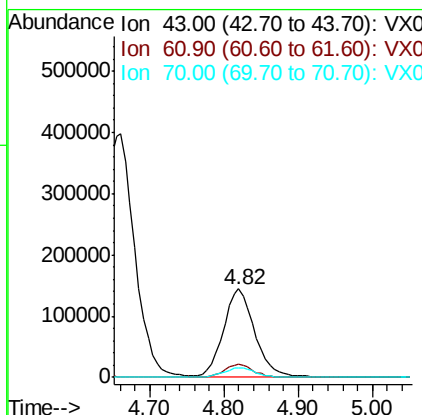
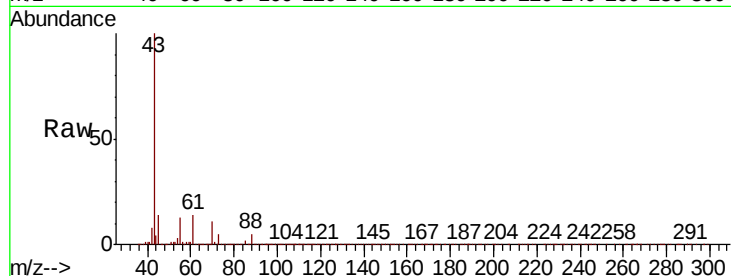
#37
Ethyl Acetate
Concen: 48.418 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	10.6	8.6	12.8

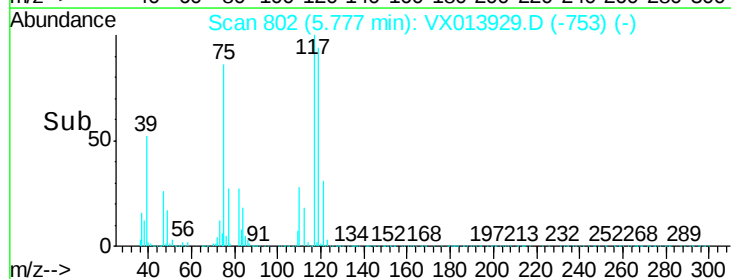
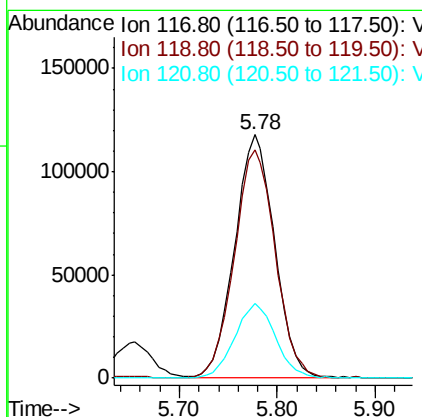
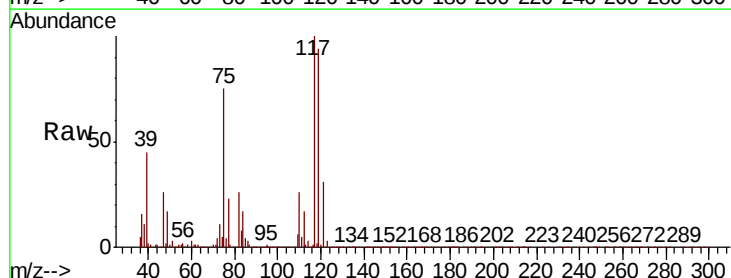
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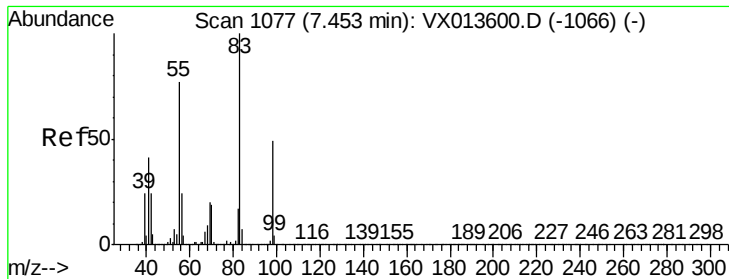
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#38
Carbon Tetrachloride
Concen: 46.896 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	77.5	116.3
121	30.5	25.0	37.6





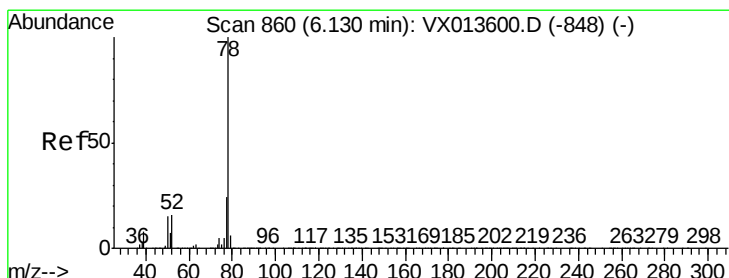
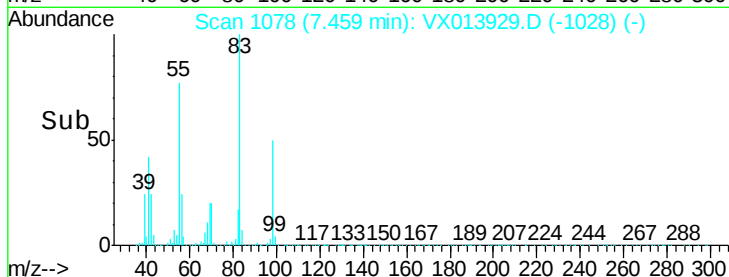
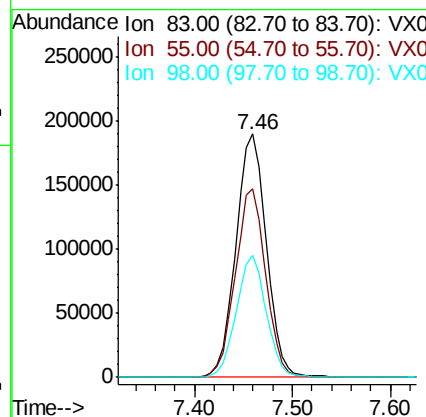
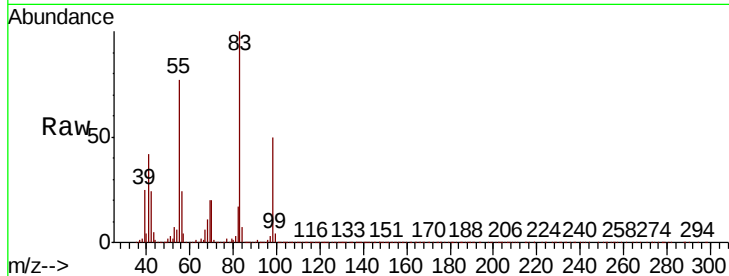
#39
Methvlcvclohexane
Concen: 43.043 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	61.9	92.9
98	50.3	39.4	59.0

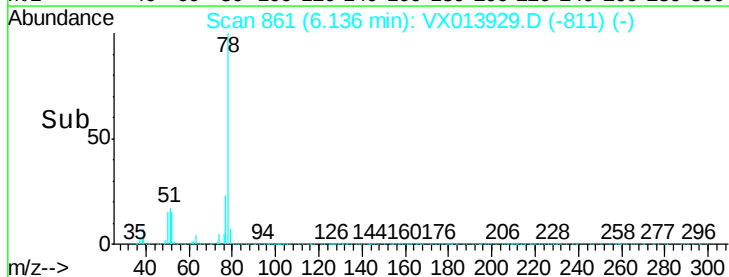
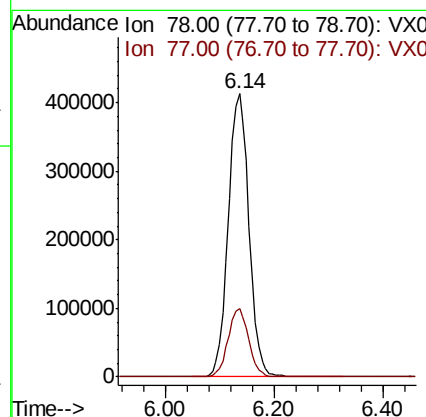
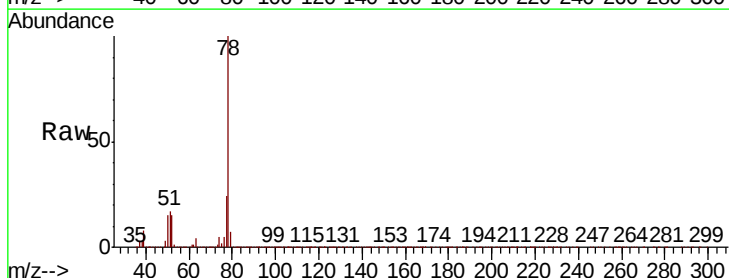
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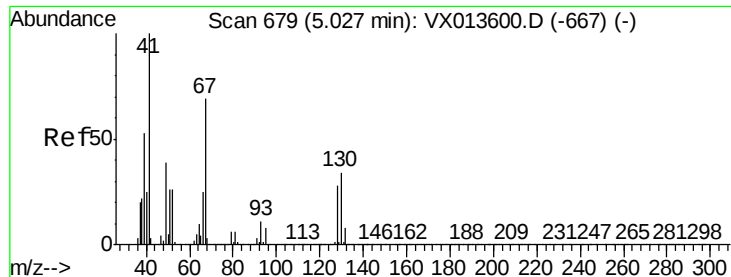
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#40
Benzene
Concen: 46.574 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.4





#41

Methacrylonitrile

Concen: 51.096 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013929.D

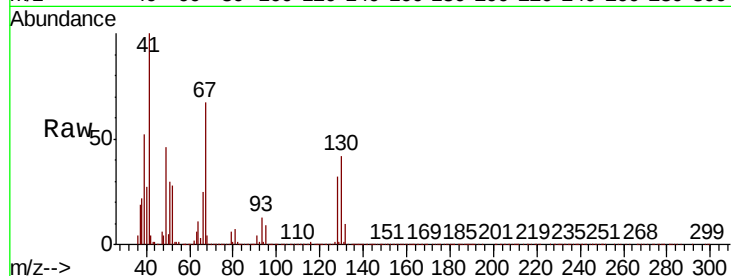
Acq: 11 Dec 2019 04:37

Tot Ion	Ion	Ratio	Lower	Upper
242112	41	100		
	39	53.6	42.9	64.3
	67	70.7	57.4	86.0
	52	28.7	22.4	33.6

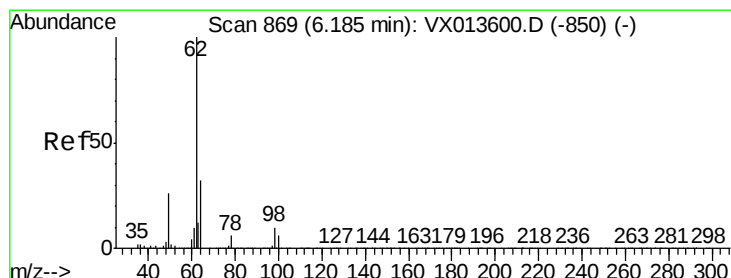
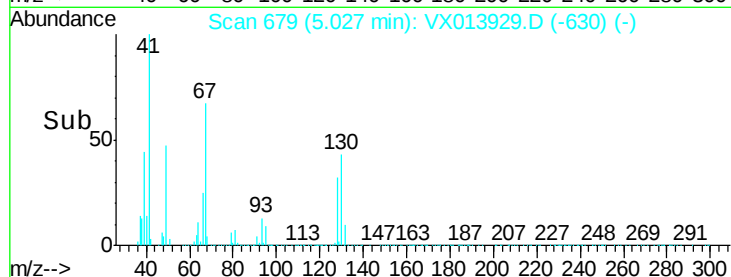
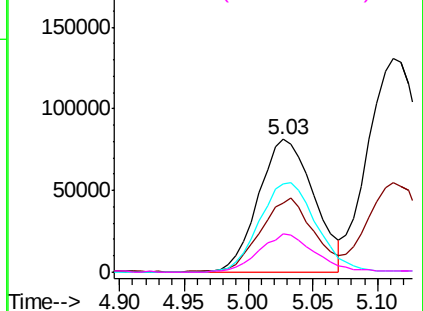
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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Abundance Ion 41.00 (40.70 to 41.70): VX0
200000 Ion 39.00 (38.70 to 39.70): VX0
150000 Ion 67.00 (66.70 to 67.70): VX0
100000 Ion 52.00 (51.70 to 52.70): VX0
50000
0



#42

1,2-Dichloroethane

Concen: 47.421 ug/l

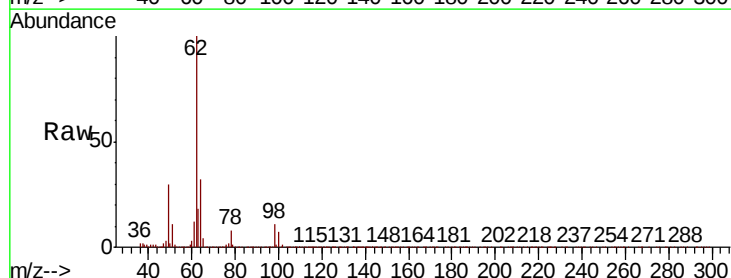
RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

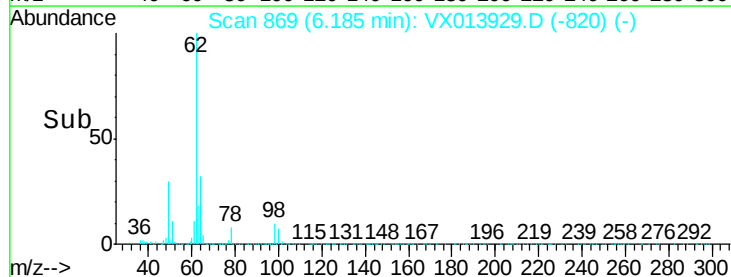
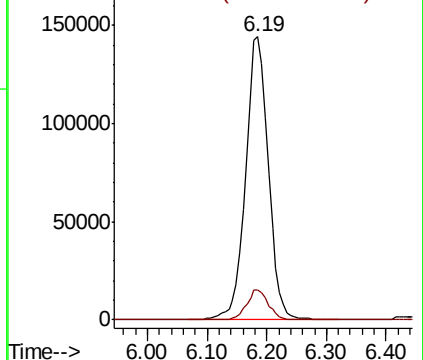
Lab File: VX013929.D

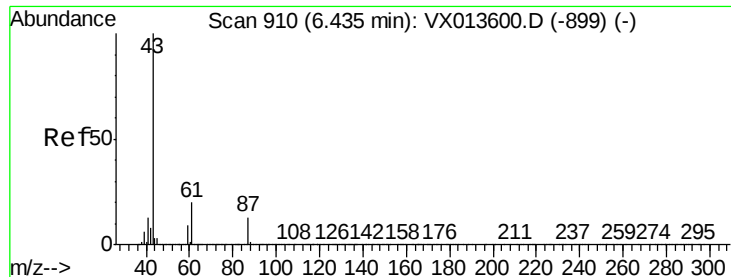
Acq: 11 Dec 2019 04:37

Tgt Ion	Ion	Ratio	Lower	Upper
379356	62	100		
	98	10.2	0.0	20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
150000 Ion 97.90 (97.60 to 98.60): VX0
100000
50000
0





#43

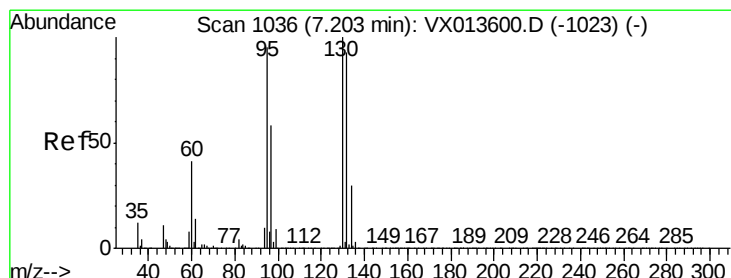
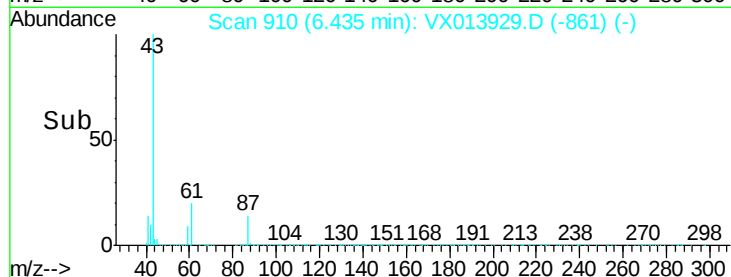
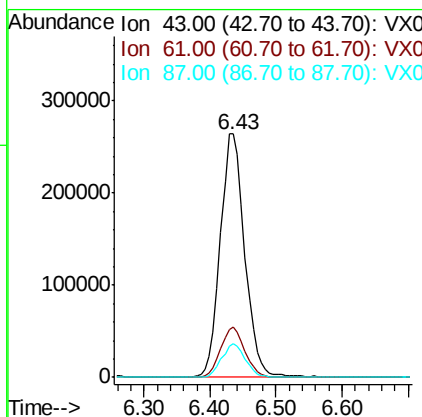
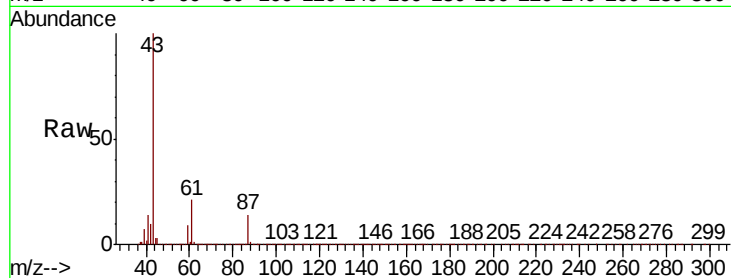
Isopropyl Acetate
 Concen: 47.496 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013929.D
 Acq: 11 Dec 2019 04:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.3	24.5
87	13.5	10.8	16.2

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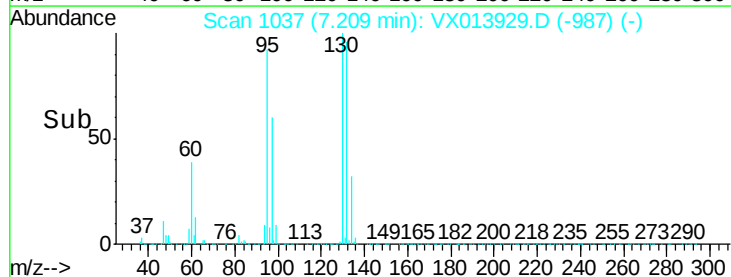
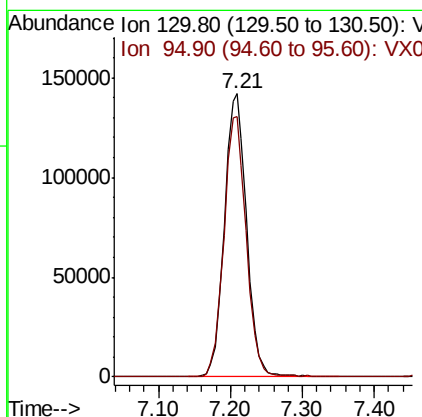
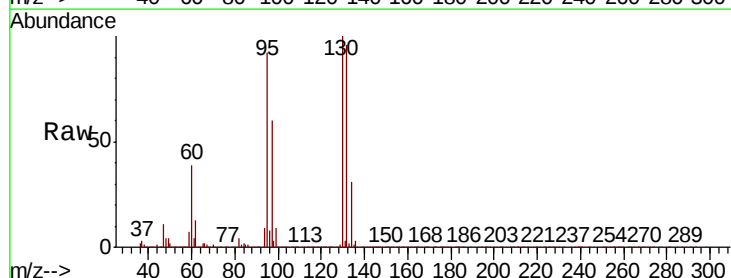
apatel
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#44

Trichloroethene
 Concen: 47.325 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013929.D
 Acq: 11 Dec 2019 04:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	190.8





#45

1,2-Dichloropropane

Concen: 49.239 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 288971

Ion Ratio Lower Upper

63 100

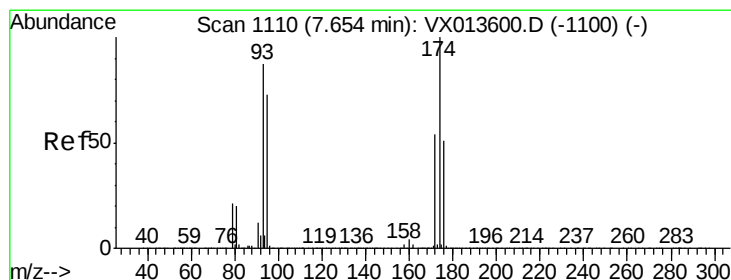
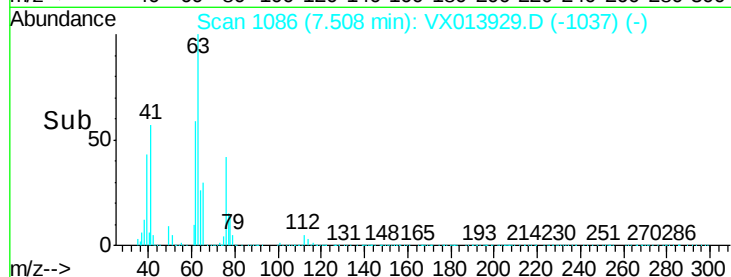
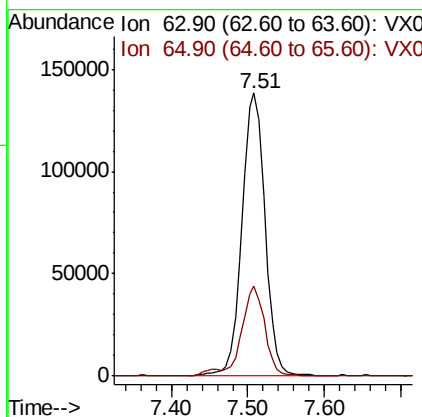
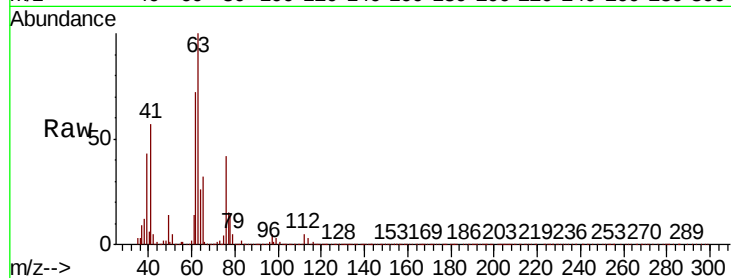
65 31.9 25.5 38.3

Manual Integrations

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#46

Dibromomethane

Concen: 47.438 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

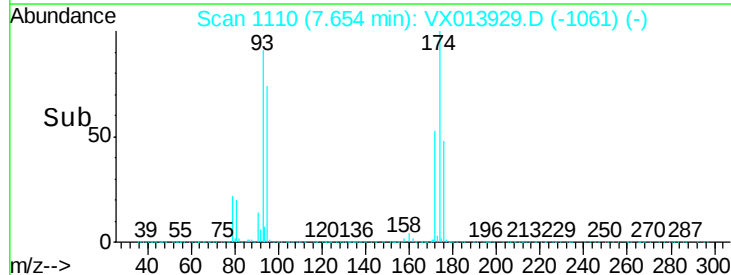
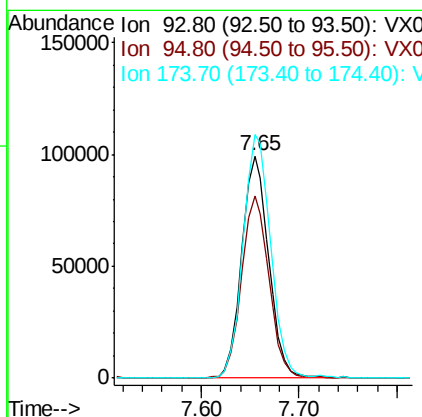
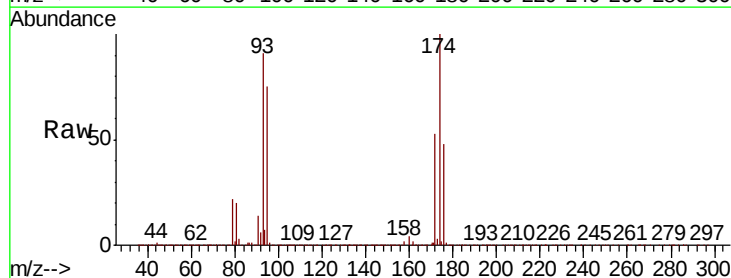
Tgt Ion: 93 Resp: 189085

Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.2

174 112.5 93.4 140.0





#47

Bromodichloromethane

Concen: 49.506 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

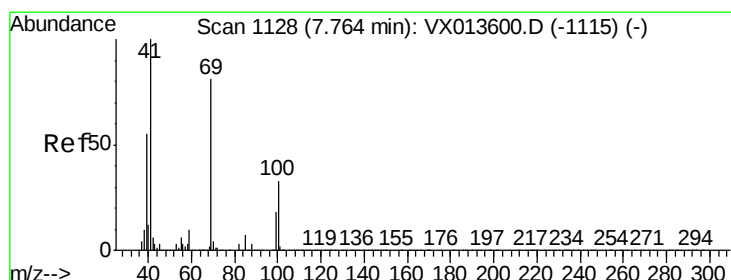
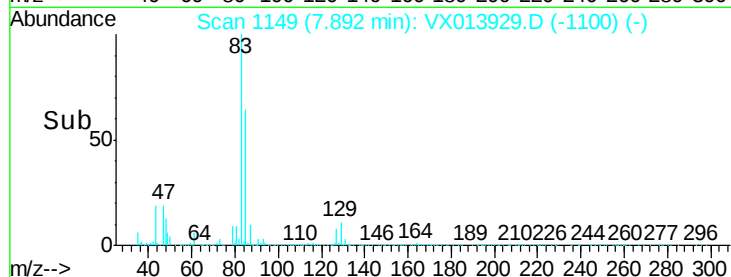
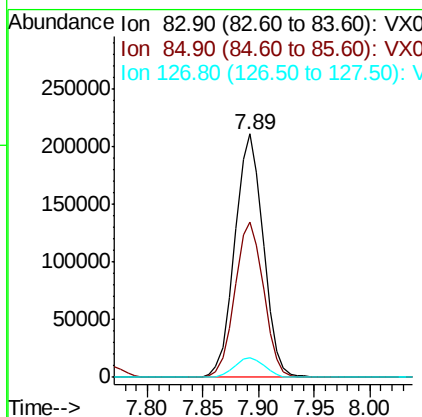
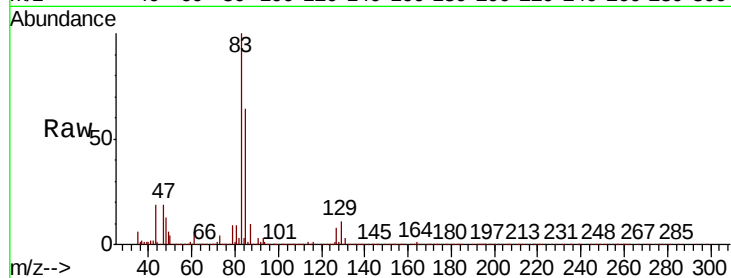
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	373041
Ion Ratio	Lower	Upper	
83	100		
85	63.9	52.1	78.1
127	8.1	7.0	10.4

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#48

Methyl methacrylate

Concen: 49.568 ug/l

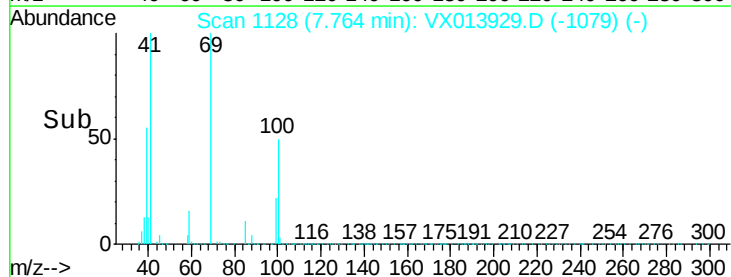
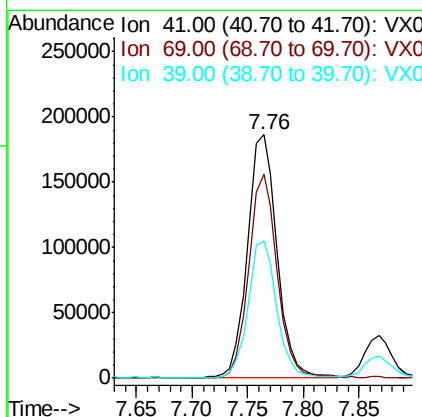
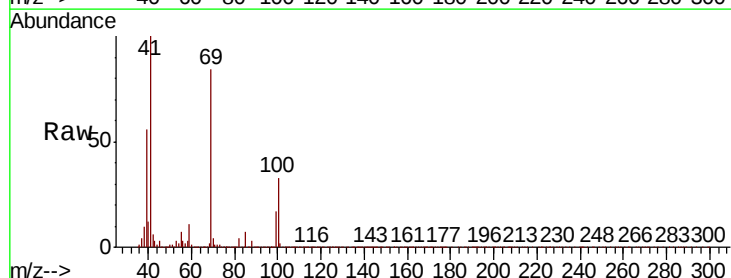
RT: 7.76 min Scan# 1128

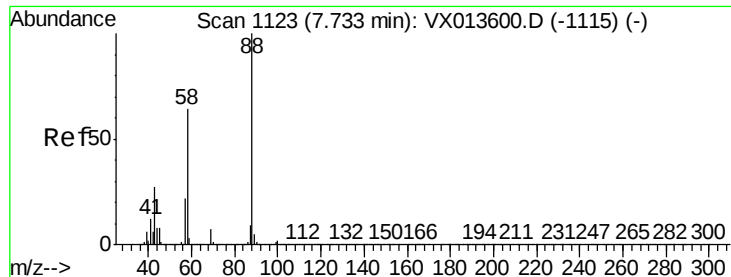
Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Tgt Ion:	41	Resp:	342573
Ion Ratio	Lower	Upper	
41	100		
69	81.4	64.7	97.1
39	54.7	43.8	65.6





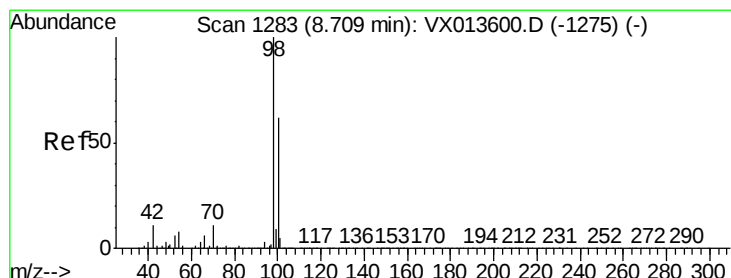
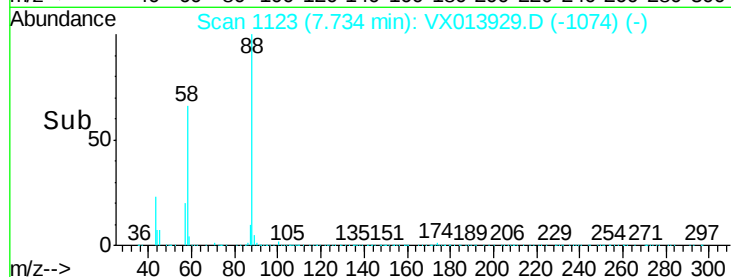
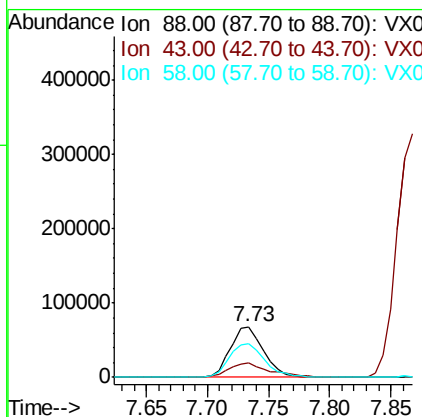
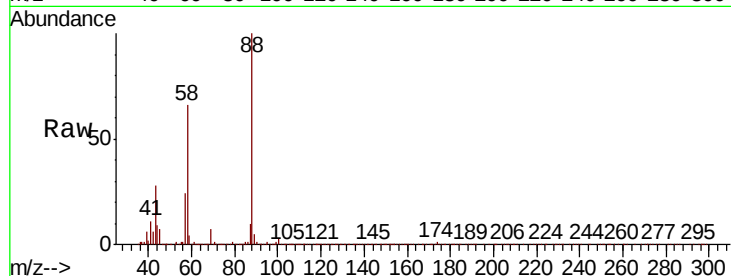
#49
1,4-Dioxane
Concen: 822.546 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.6	25.8	38.6
58	70.1	54.6	82.0

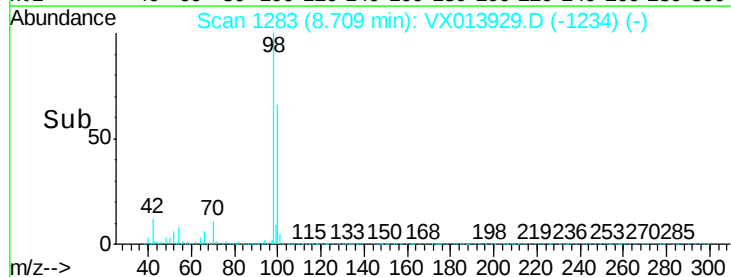
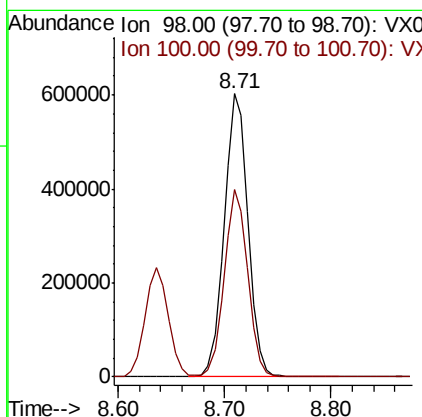
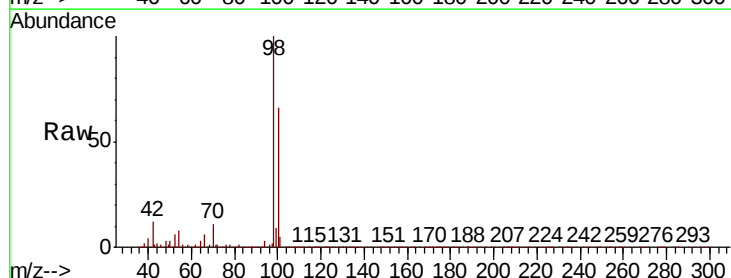
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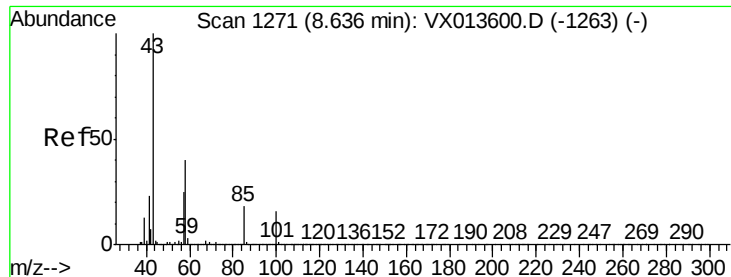
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#50
Toluene-d8
Concen: 45.861 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 249.977 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2236649

Ion Ratio Lower Upper

43 100

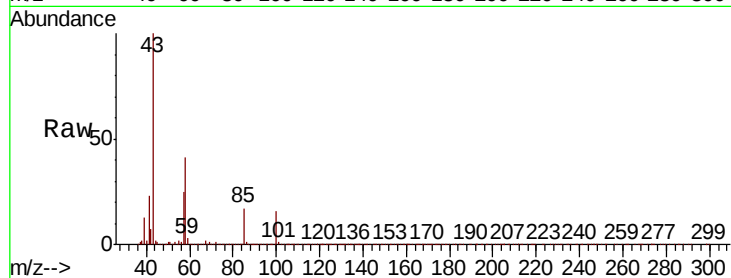
58 39.6 32.1 48.1

Manual Integrations

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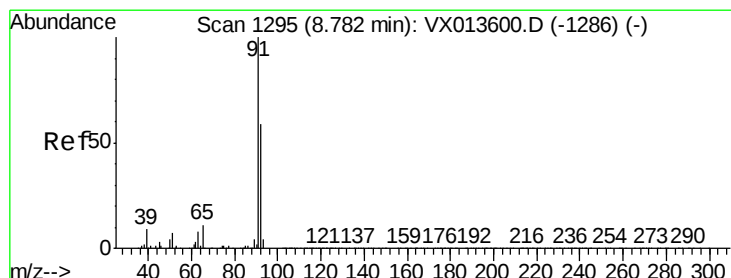
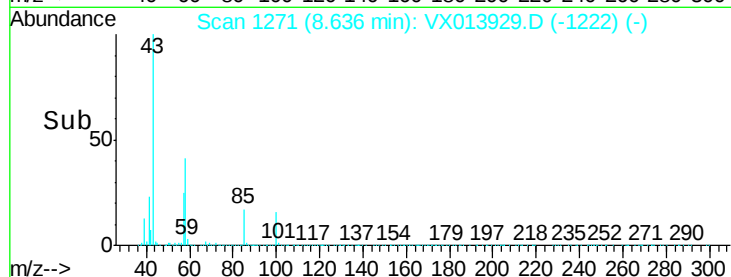
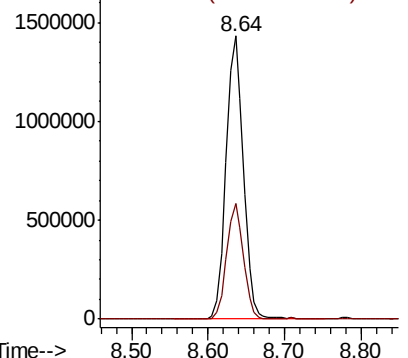
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.042 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013929.D

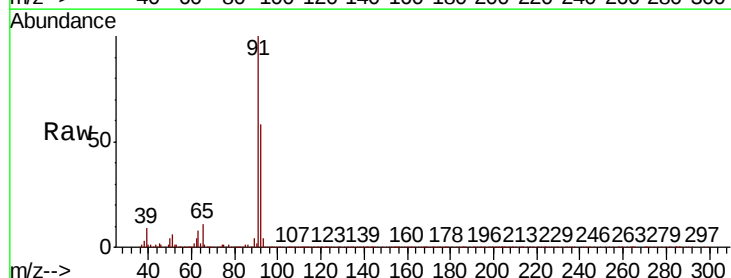
Acq: 11 Dec 2019 04:37

Tgt Ion: 92 Resp: 685512

Ion Ratio Lower Upper

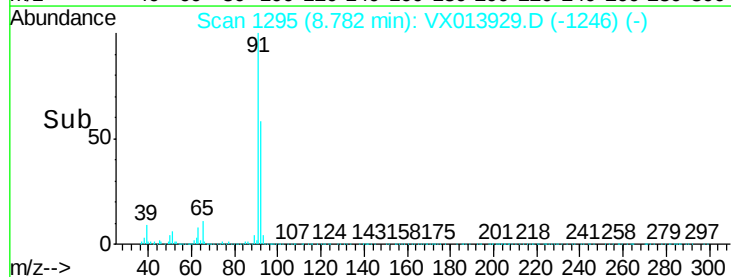
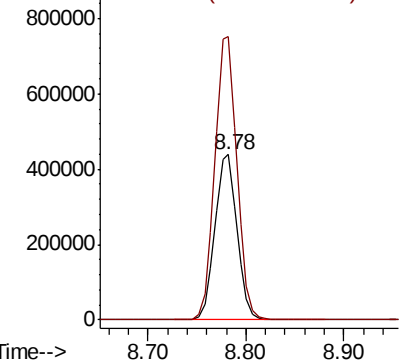
92 100

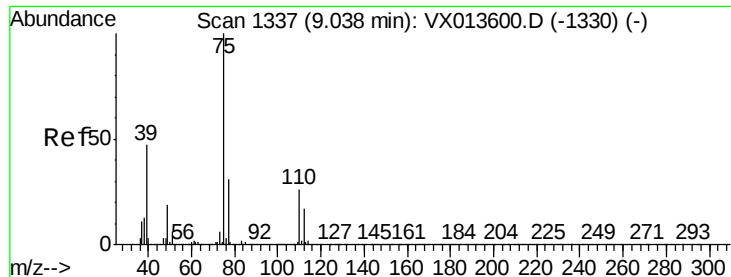
91 171.9 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





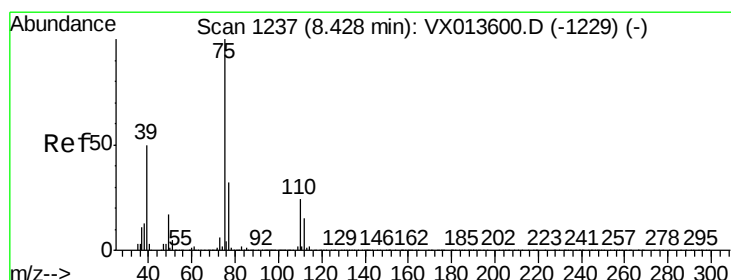
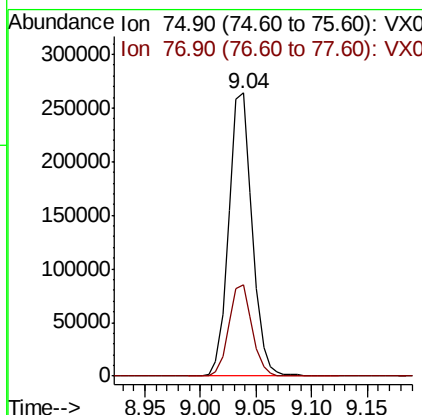
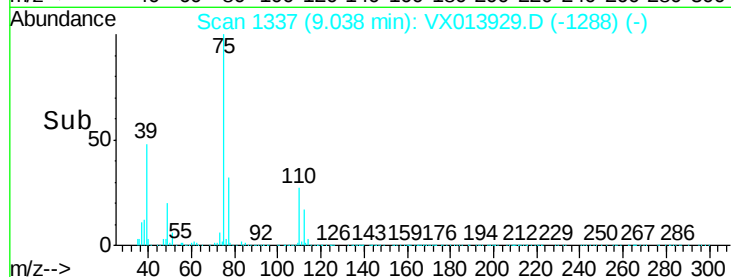
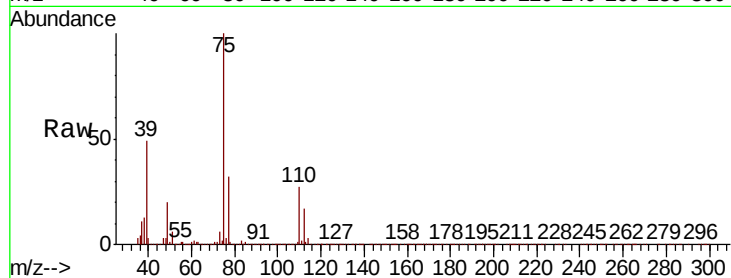
#53
t-1,3-Dichloropropene
Concen: 44.628 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.4	36.6

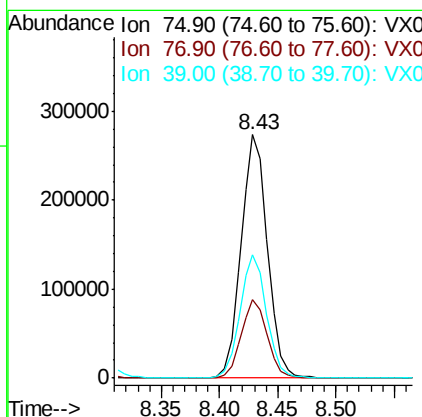
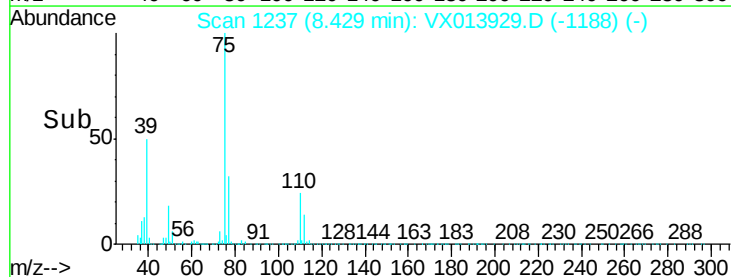
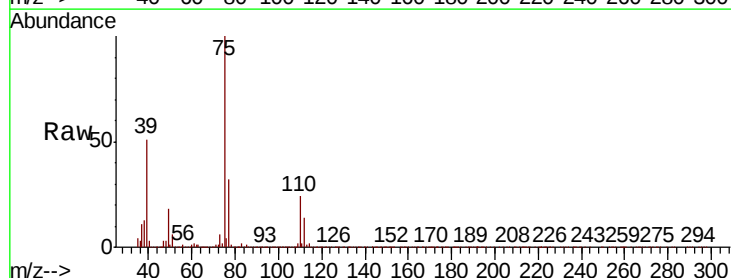
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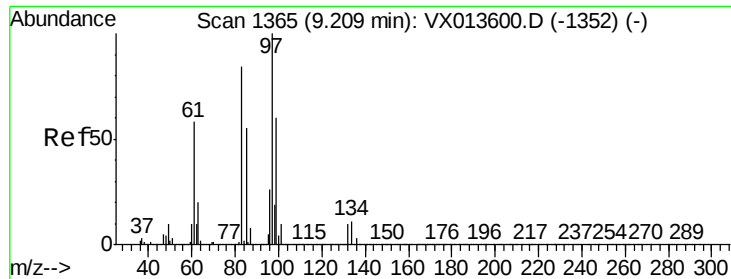
apatel
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#54
cis-1,3-Dichloropropene
Concen: 45.991 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

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





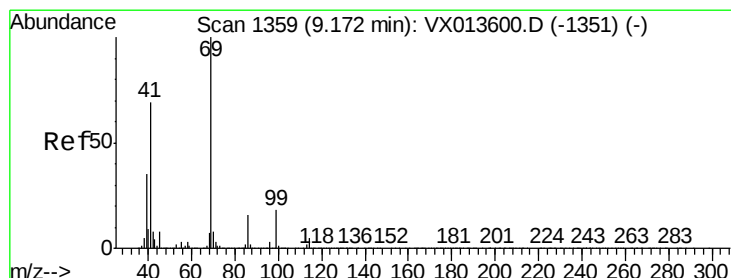
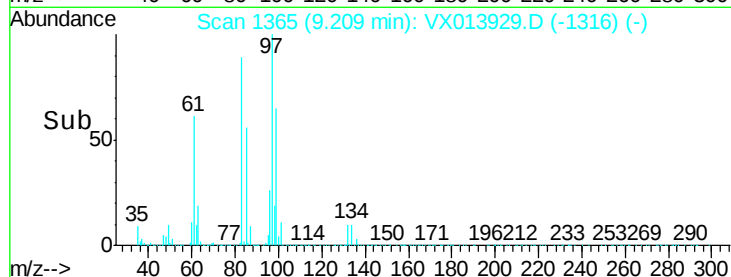
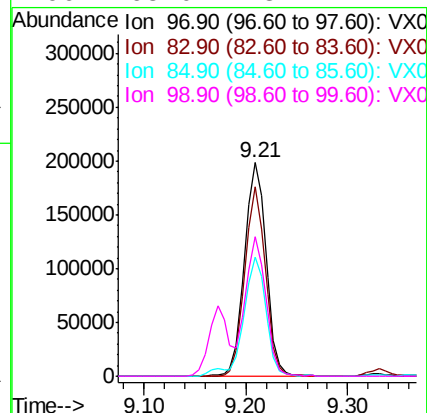
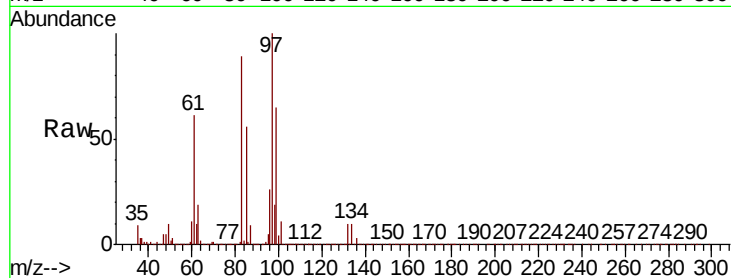
#55
 1,1,2-Trichloroethane
 Concen: 49.434 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013929.D
 Acq: 11 Dec 2019 04:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		290291		
83	88.7	67.3	100.9		
85	55.7	43.6	65.4		
99	65.0	48.2	72.4		

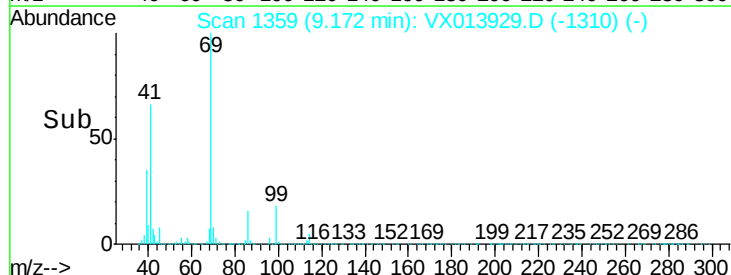
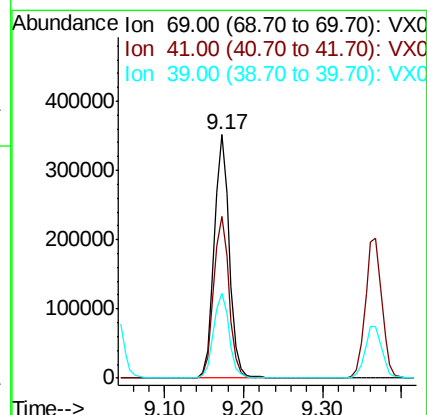
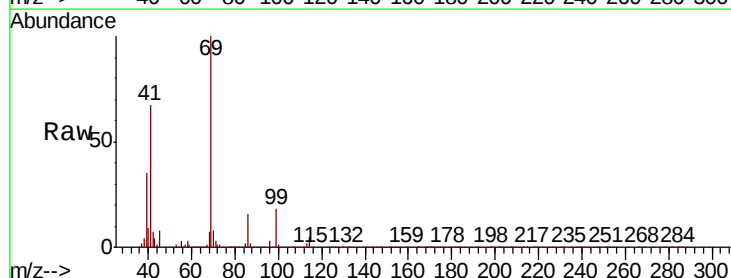
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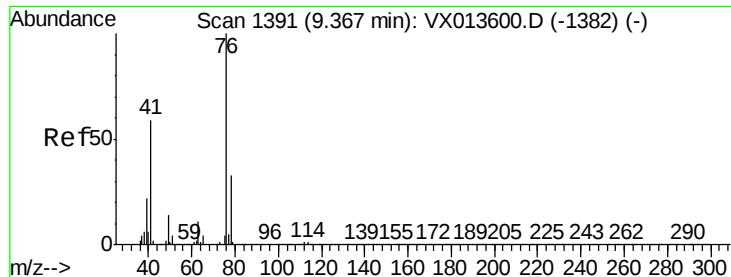
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#56
 Ethyl methacrylate
 Concen: 49.292 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013929.D
 Acq: 11 Dec 2019 04:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		465379		
41	68.1	55.0	82.4		
39	35.9	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 47.837 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 484207

Ion Ratio Lower Upper

76 100

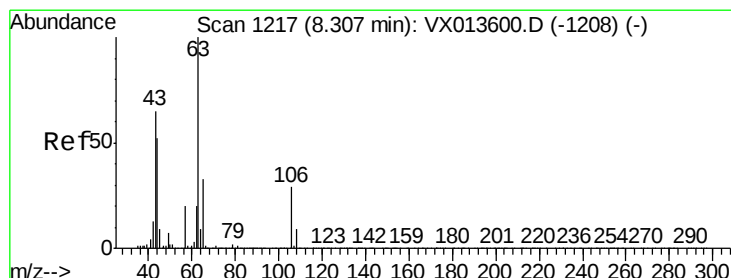
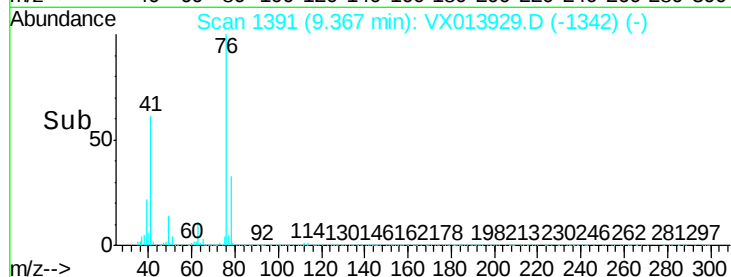
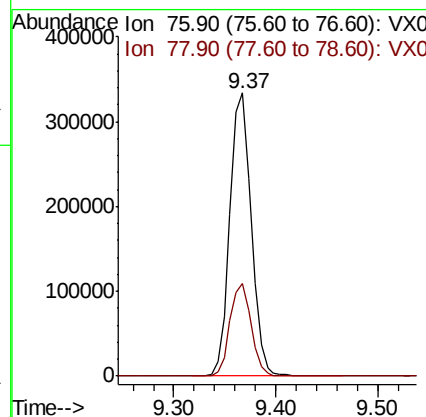
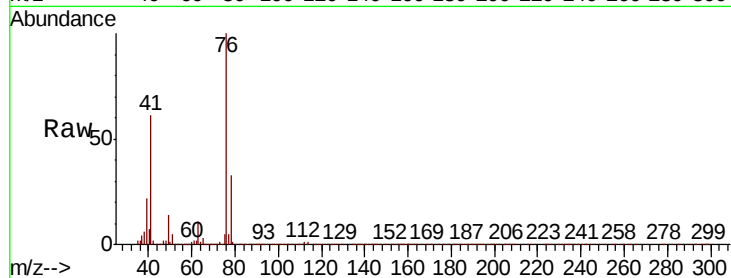
78 32.5 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 235.454 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013929.D

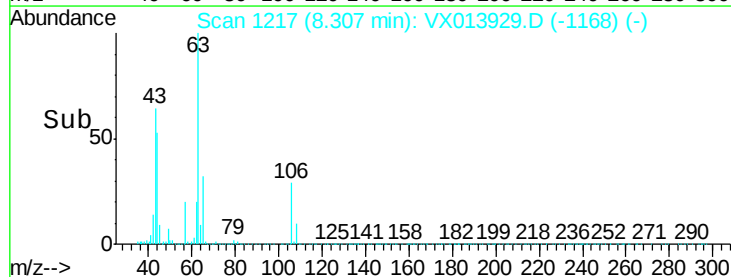
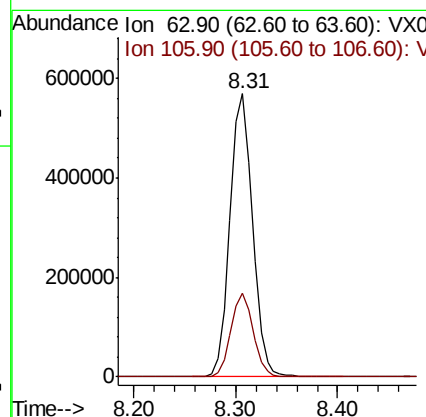
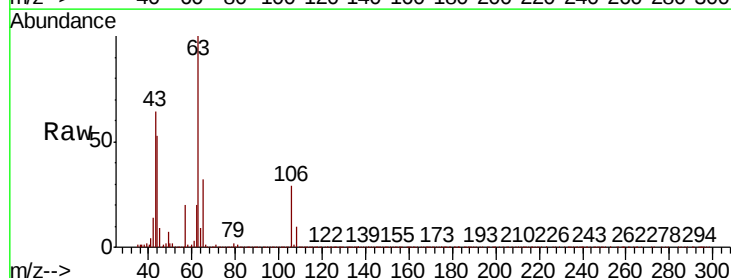
Acq: 11 Dec 2019 04:37

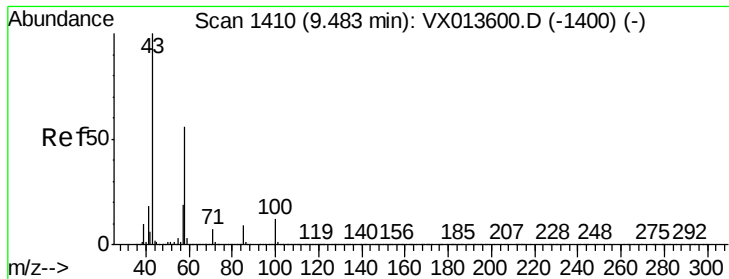
Tgt Ion: 63 Resp: 871571

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.0





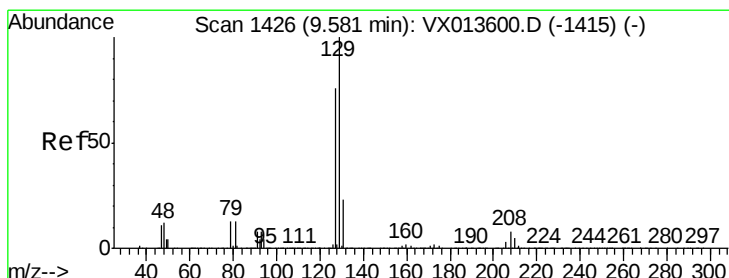
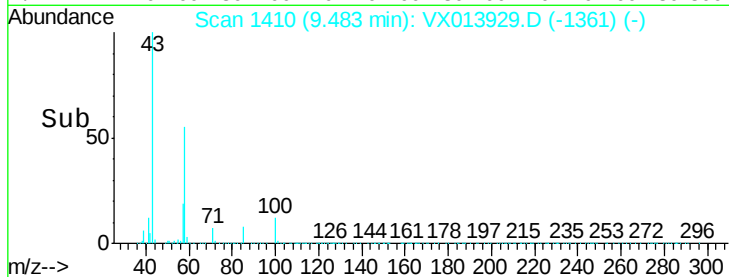
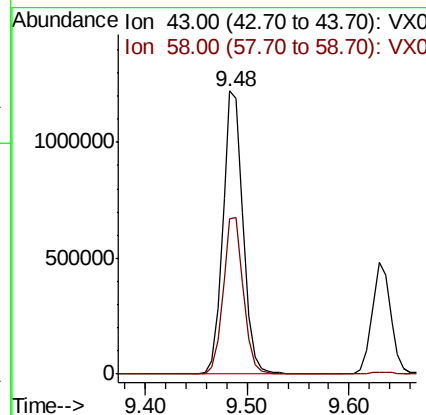
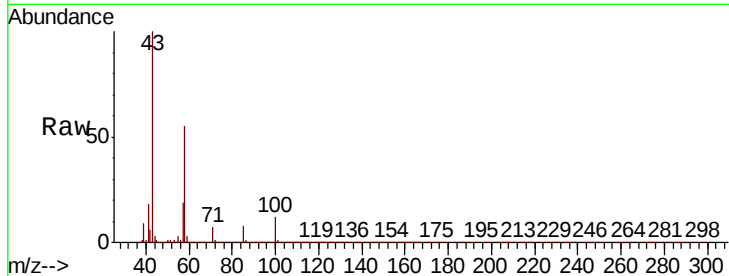
#59
2-Hexanone
Concen: 241.402 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1684582
Ion Ratio Lower Upper
43 100
58 55.6 28.1 84.4

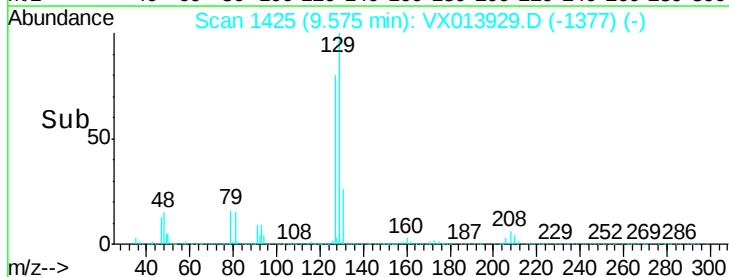
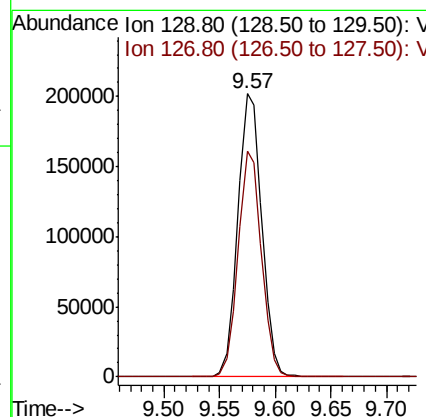
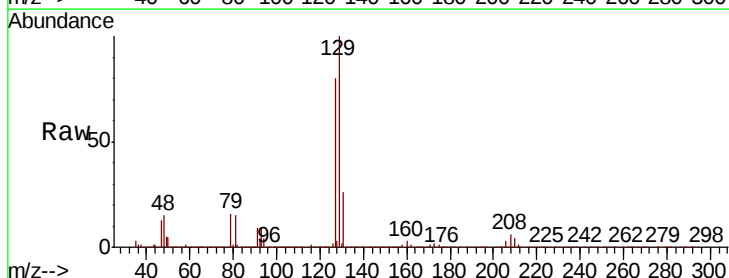
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#60
Dibromochloromethane
Concen: 49.150 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Tgt Ion: 129 Resp: 299535
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





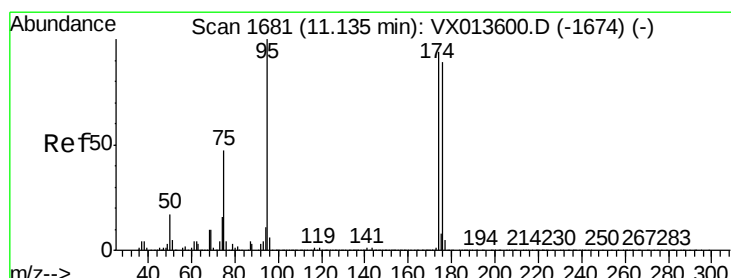
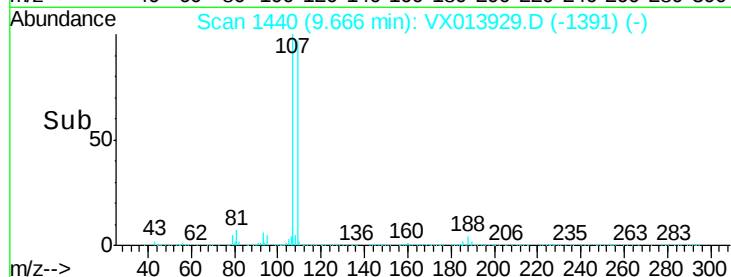
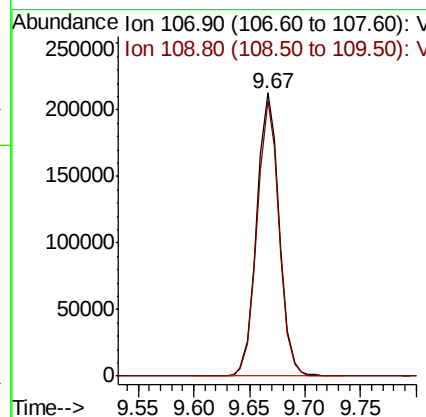
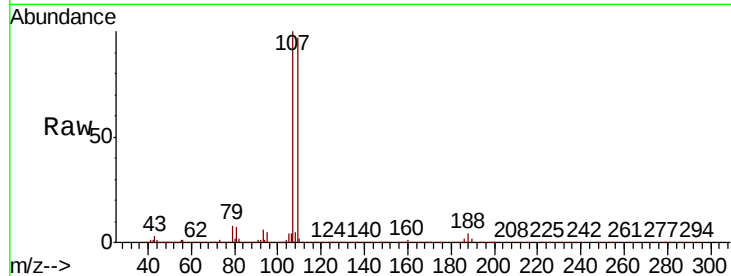
#61
 1,2-Dibromoethane
 Concen: 47.669 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013929.D
 Acq: 11 Dec 2019 04:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	298972		
109	95.3	76.1	114.1	

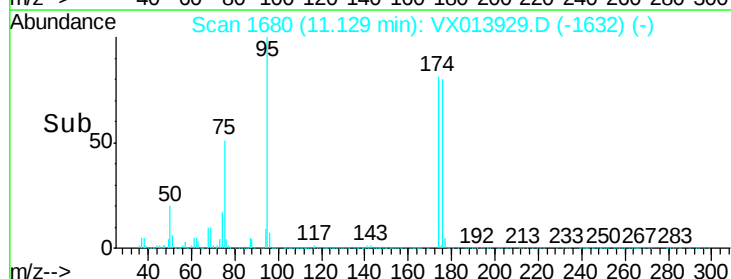
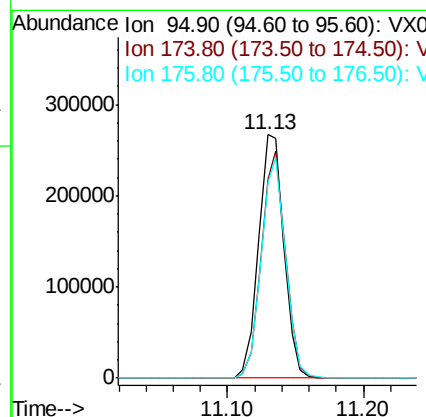
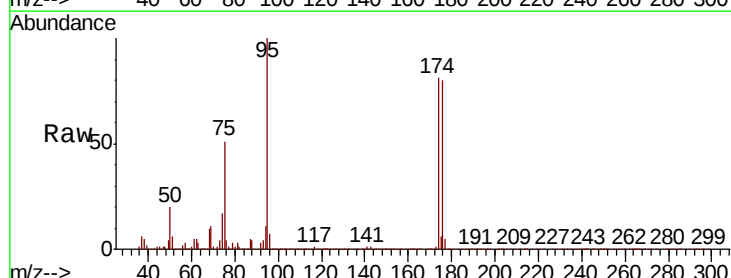
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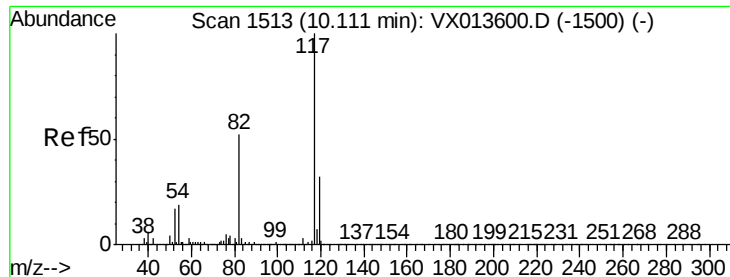
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#62
 4-Bromofluorobenzene
 Concen: 47.700 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX013929.D
 Acq: 11 Dec 2019 04:37

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	351507		
174	88.5	0.0	180.0	
176	86.8	0.0	173.6	





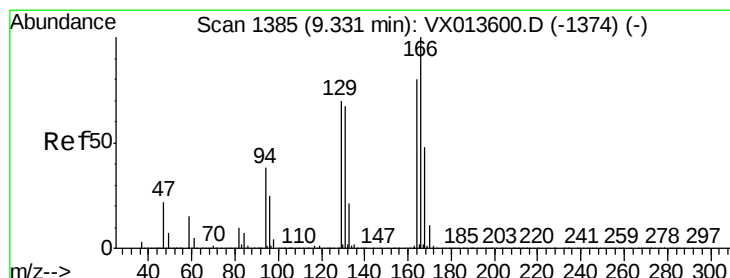
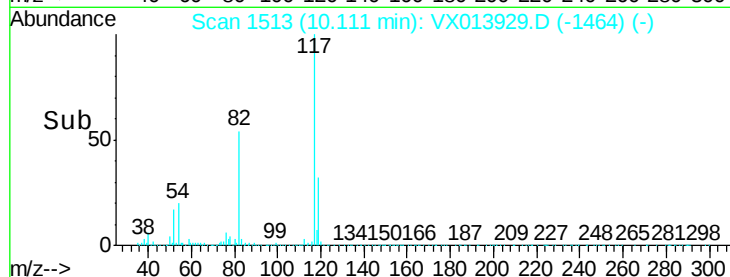
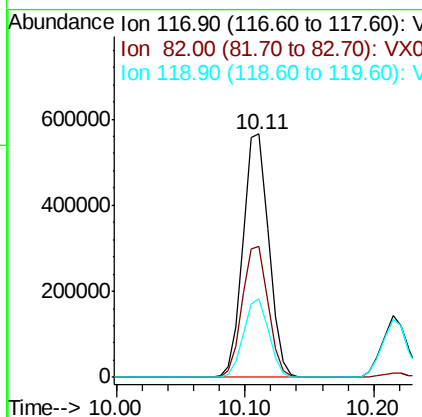
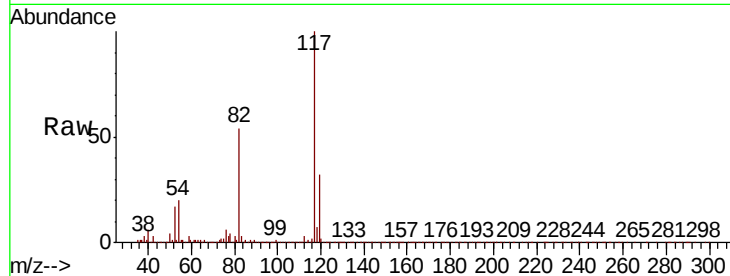
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	41.8	62.8
119	32.2	25.8	38.8

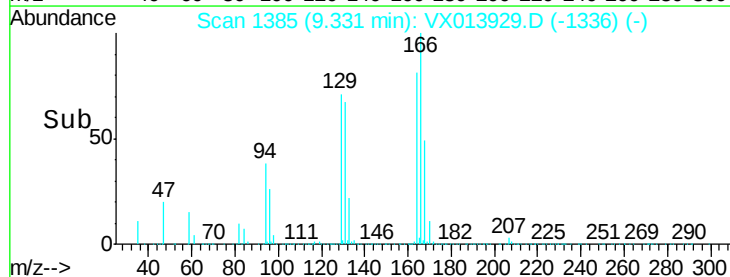
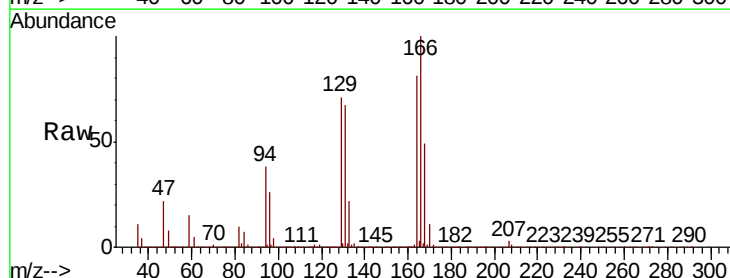
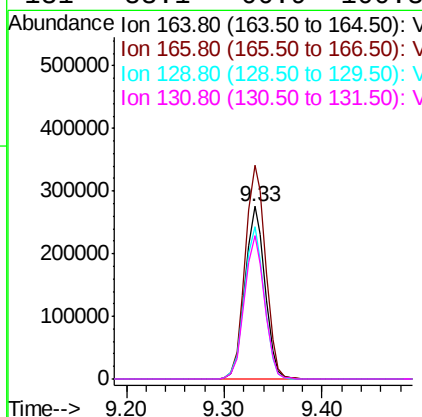
Manual Integrations
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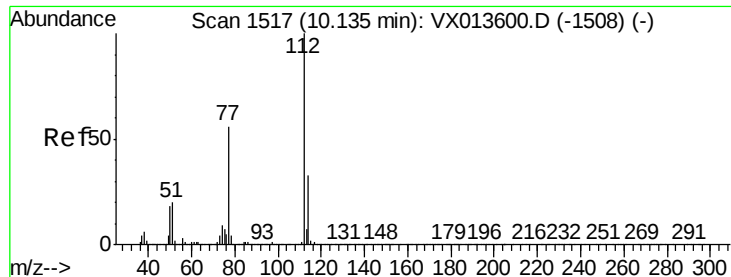
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#64
Tetrachloroethene
Concen: 67.094 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	99.7	149.5
129	88.1	70.1	105.1
131	83.1	66.9	100.3





#65

Chlorobenzene

Concen: 46.060 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 745985

Ion Ratio Lower Upper

112 100

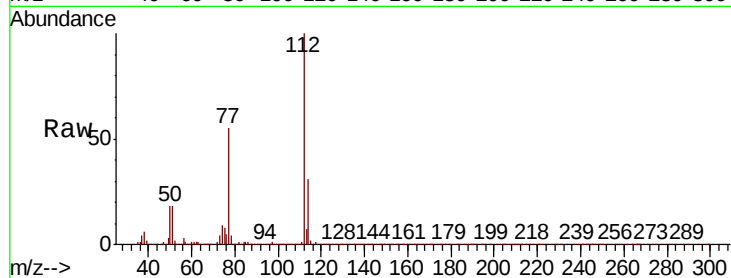
114 31.0 26.1 39.1

Manual Integrations

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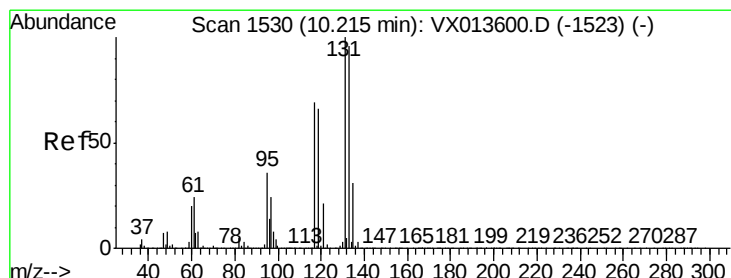
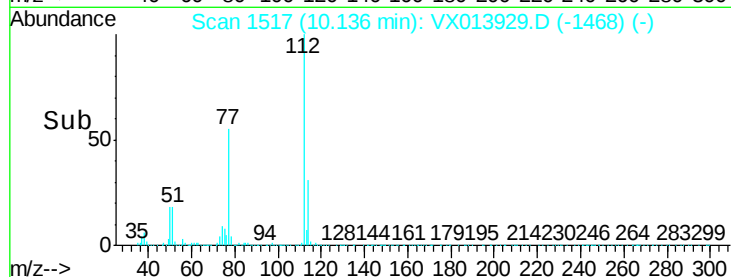
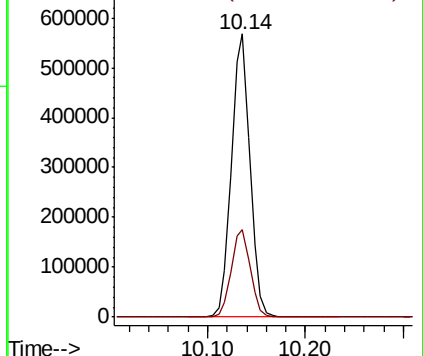
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.011 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

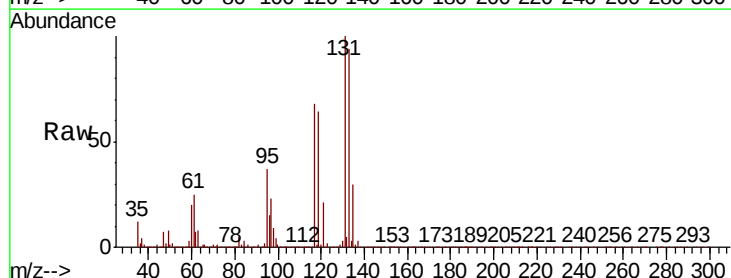
Tgt Ion:131 Resp: 279221

Ion Ratio Lower Upper

131 100

133 94.6 47.7 143.1

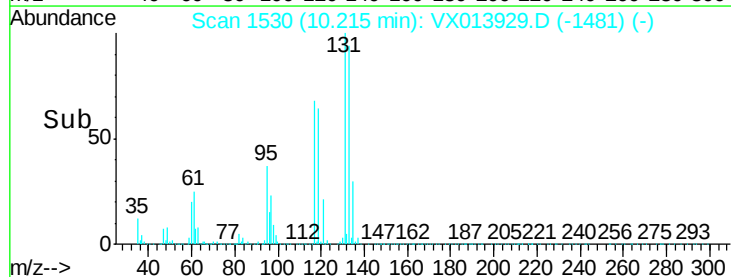
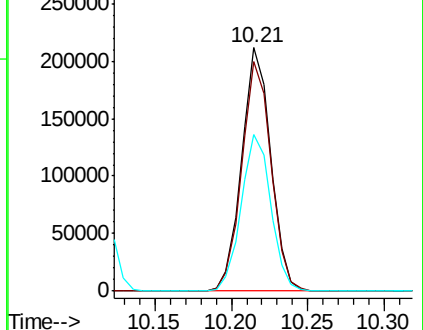
119 66.1 32.9 98.6

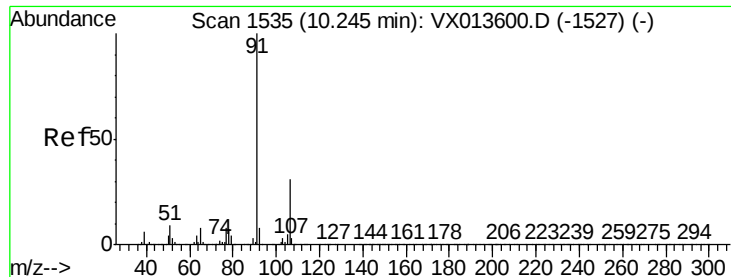


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 47.424 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1319849

Ion Ratio Lower Upper

91 100

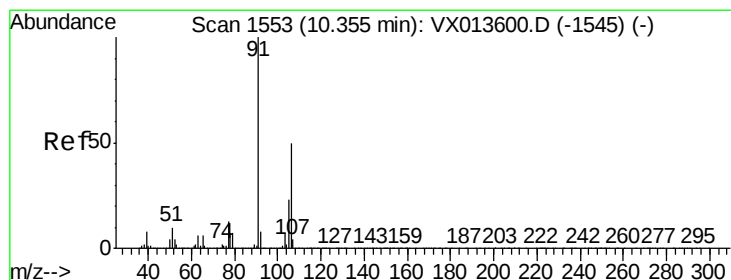
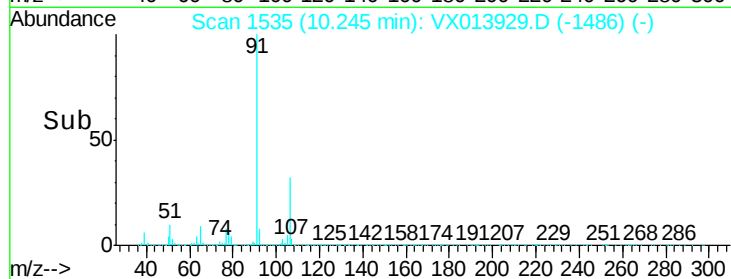
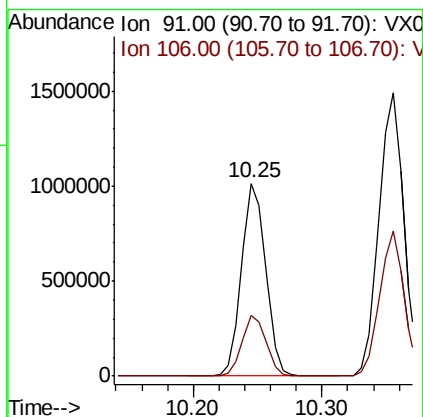
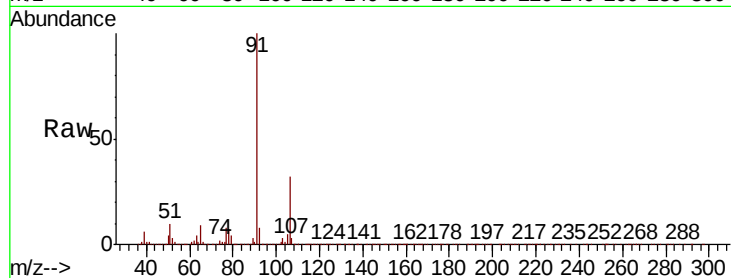
106 31.5 24.5 36.7

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#68

m/p-Xylenes

Concen: 93.771 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013929.D

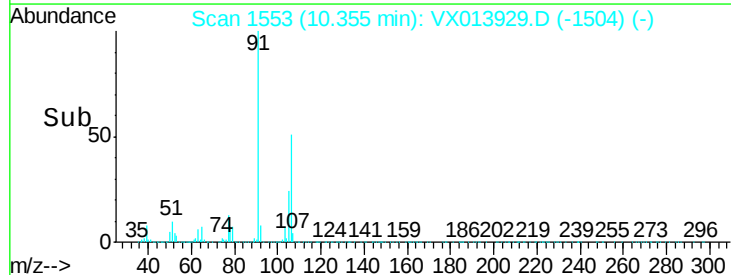
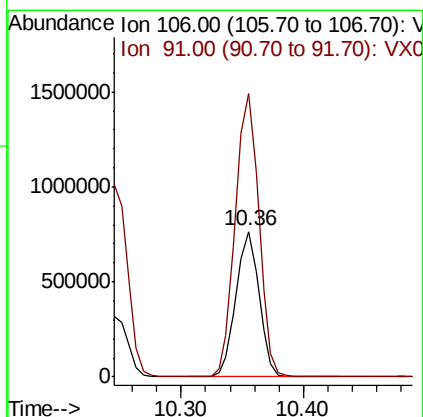
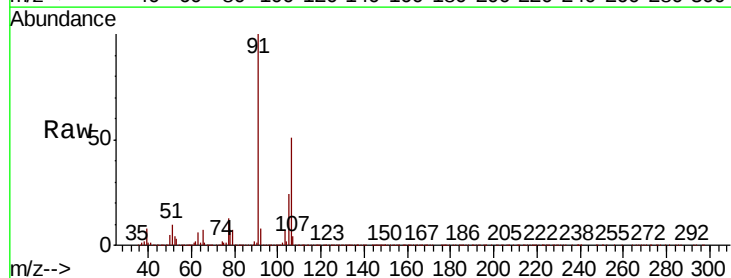
Acq: 11 Dec 2019 04:37

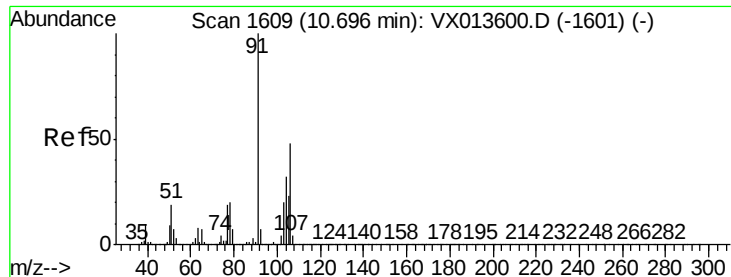
Tgt Ion: 106 Resp: 999146

Ion Ratio Lower Upper

106 100

91 198.2 159.0 238.4





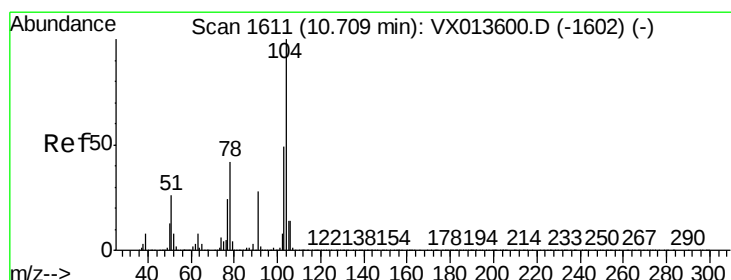
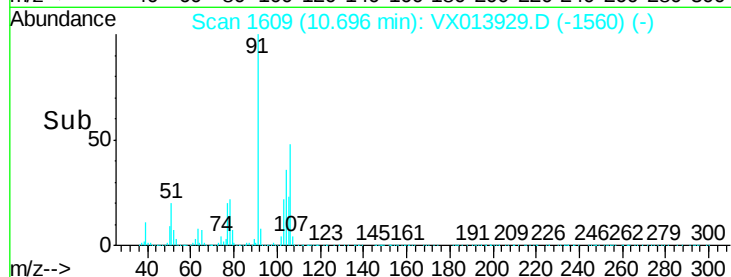
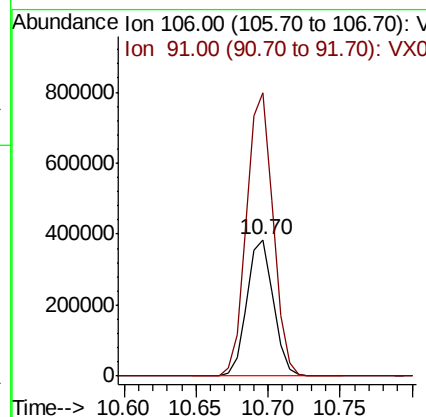
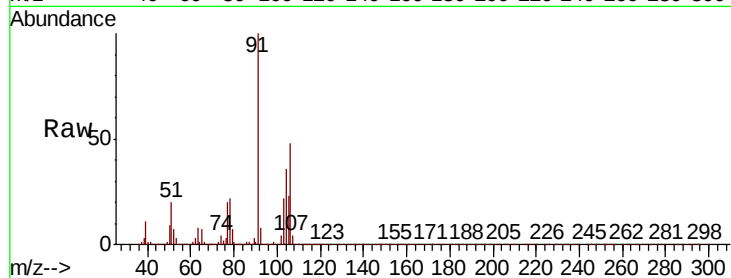
#69
o-Xylene
Concen: 46.691 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.4	104.1	312.2

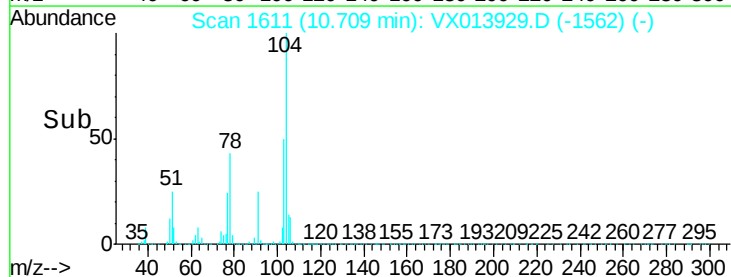
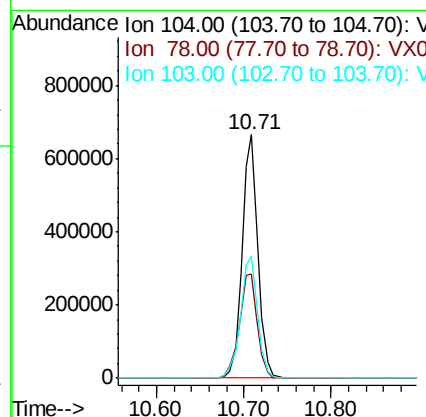
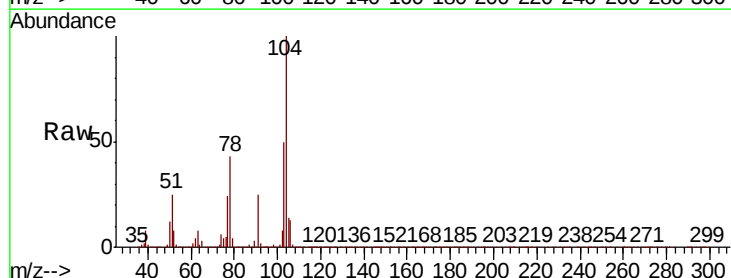
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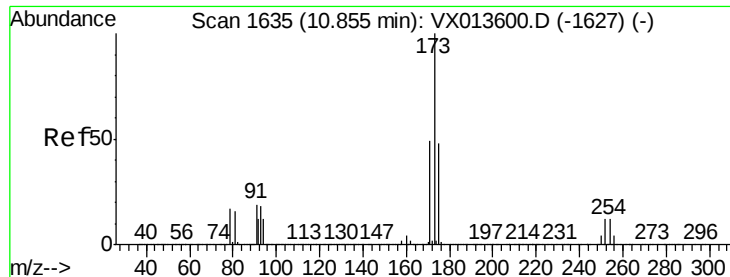
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#70
Styrene
Concen: 48.048 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.5	57.7
103	54.7	43.7	65.5





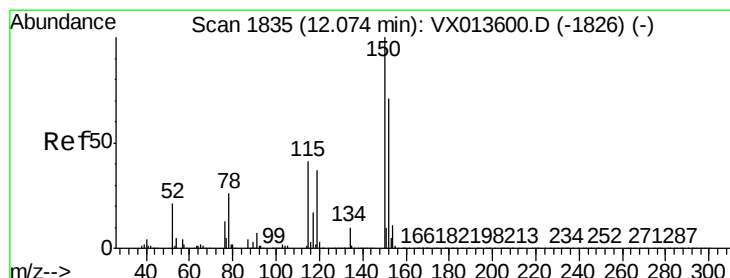
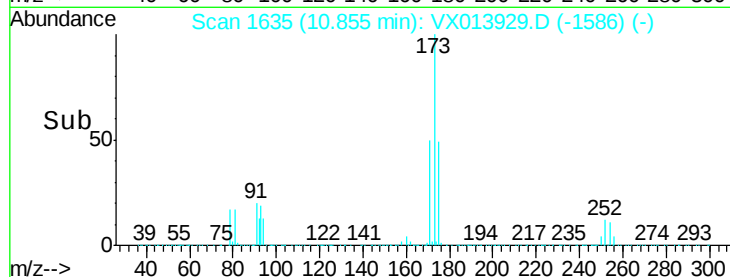
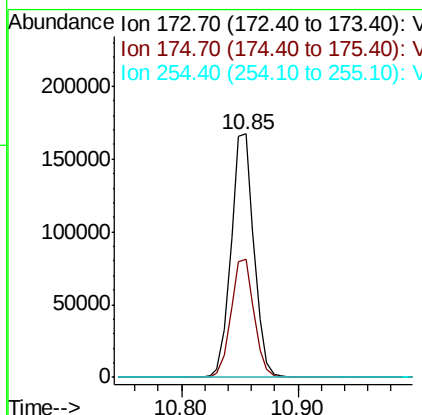
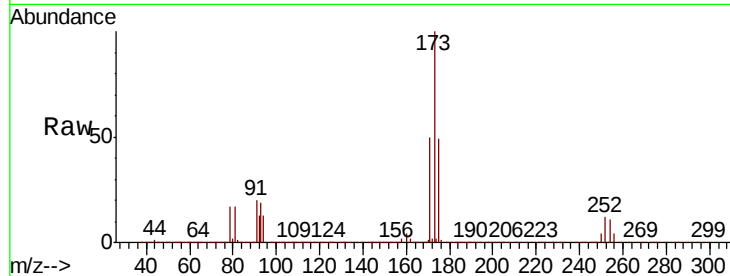
#71
Bromoform
Concen: 47.349 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.8
254	0.2	0.2	0.4

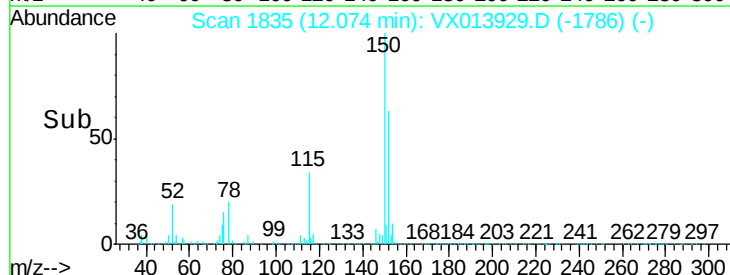
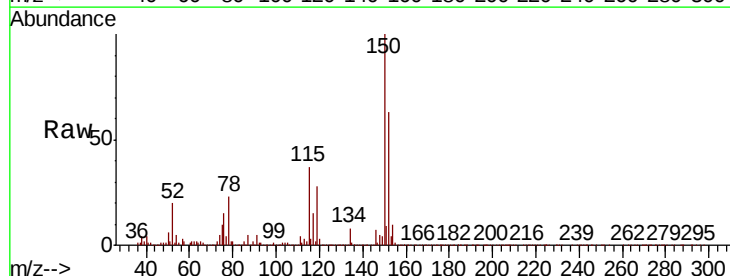
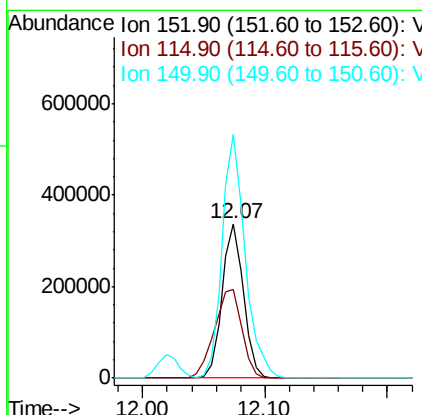
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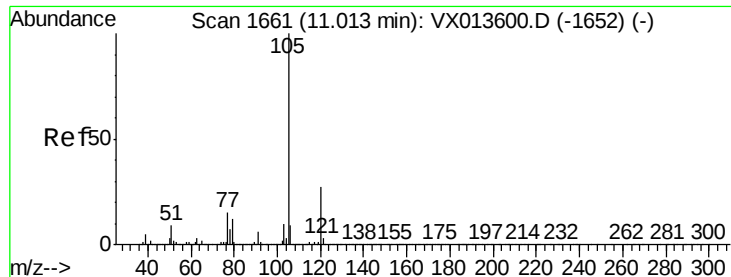
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	74.8	38.4	115.1
150	171.0	0.0	346.8





#73

Isopropylbenzene

Concen: 45.019 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1282944

Ion Ratio Lower Upper

105 100

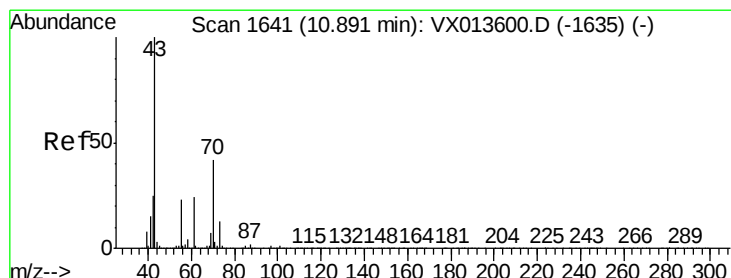
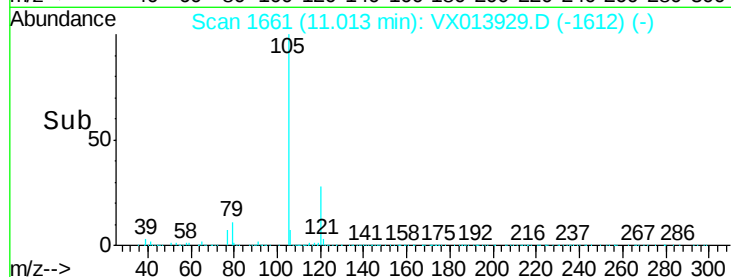
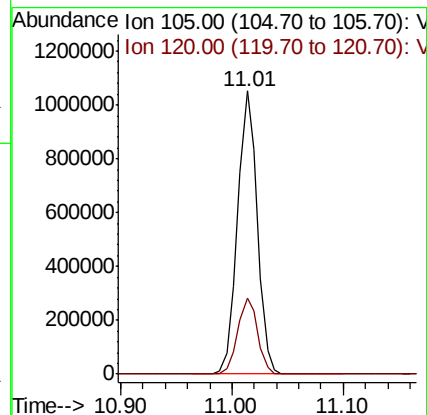
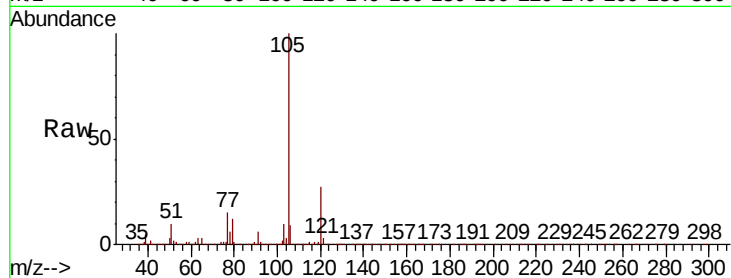
120 27.0 13.5 40.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 45.573 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Tgt Ion: 43 Resp: 594932

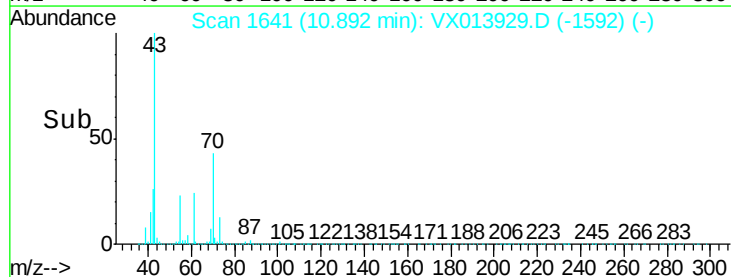
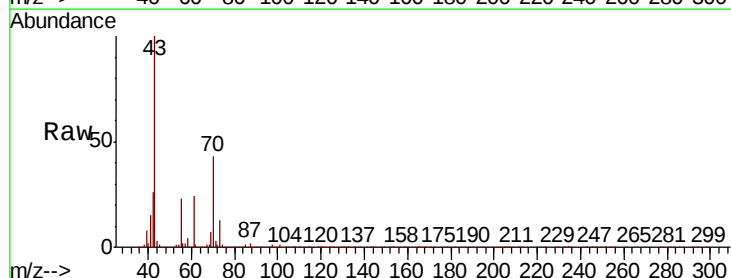
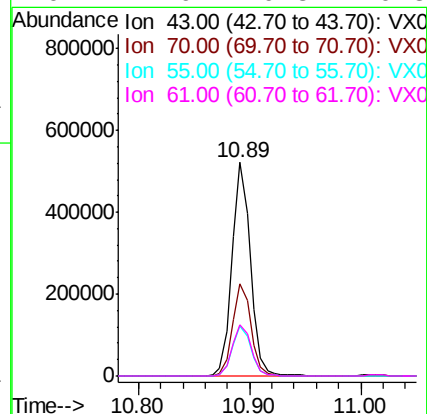
Ion Ratio Lower Upper

43 100

70 43.5 34.3 51.5

55 24.2 18.5 27.7

61 24.9 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 44.929 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 444026

Ion Ratio Lower Upper

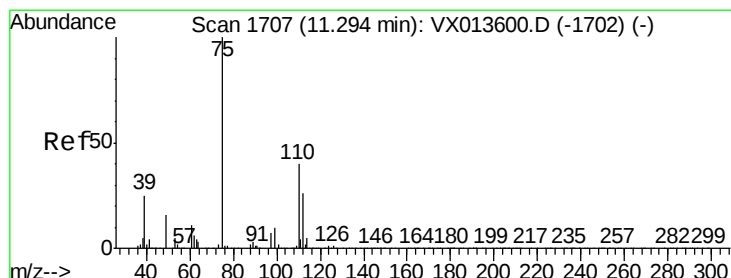
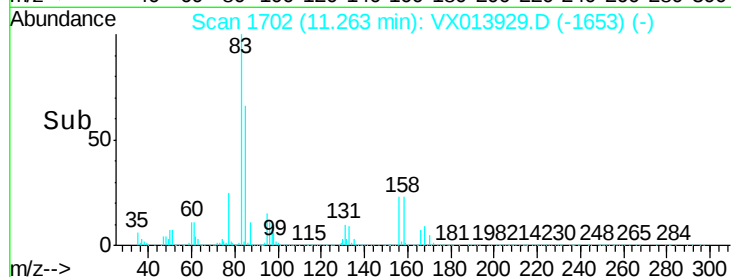
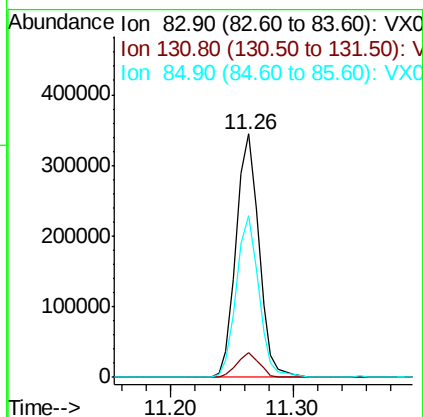
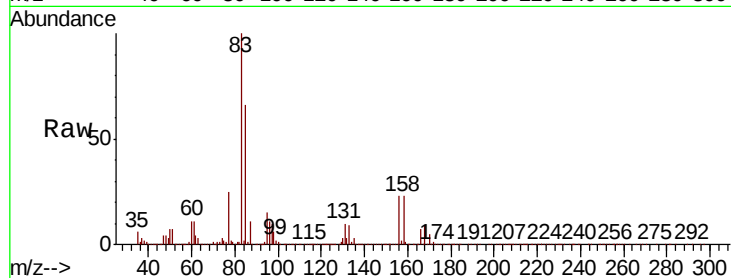
83 100

131 10.0 5.1 15.3

85 65.6 31.8 95.3

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#76

1,2,3-Trichloropropane

Concen: 46.667 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013929.D

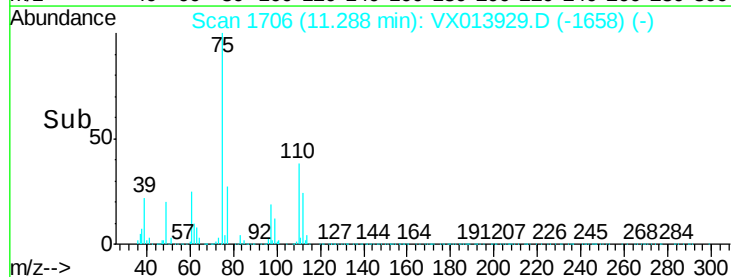
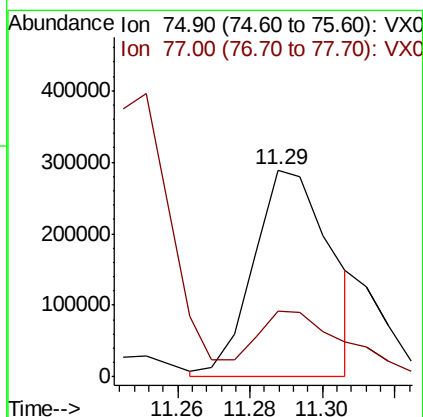
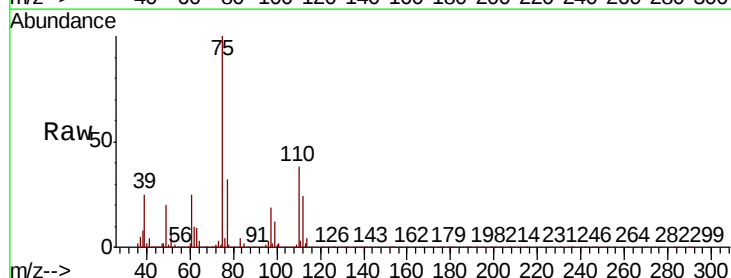
Acq: 11 Dec 2019 04:37

Tgt Ion: 75 Resp: 426423

Ion Ratio Lower Upper

75 100

77 36.1 19.1 57.5





#77

Bromobenzene

Concen: 44.303 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

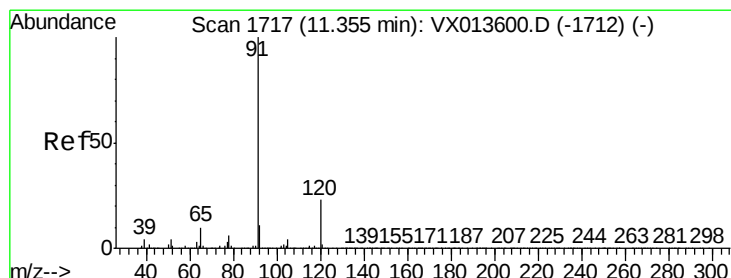
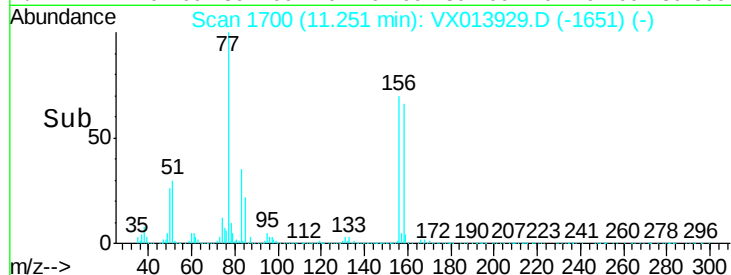
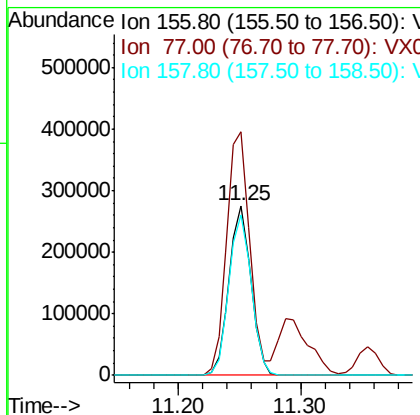
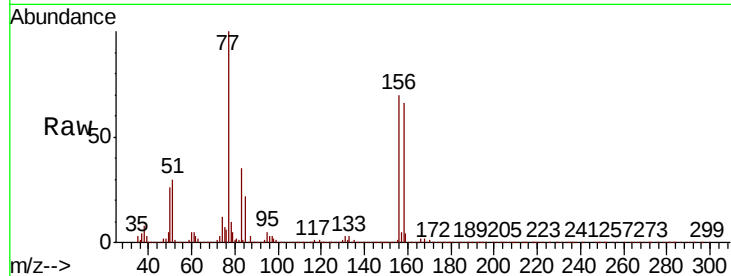
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	341074
Ion Ratio	Lower	Upper	
156	100		
77	152.0	74.4	223.1
158	96.5	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 45.795 ug/l

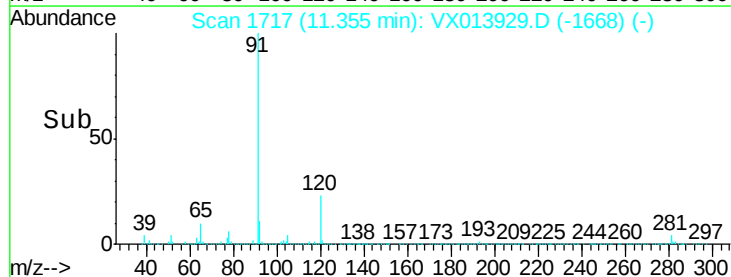
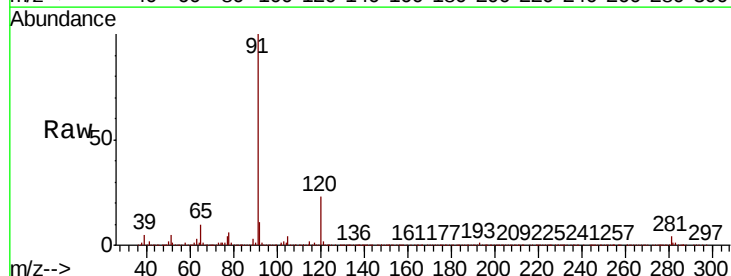
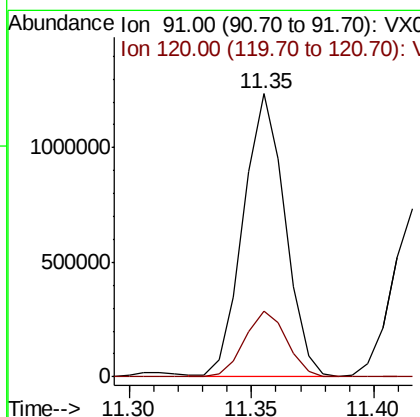
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Tgt Ion:	91	Resp:	1456848
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.3





#79

2-Chlorotoluene

Concen: 45.627 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 870701

Ion Ratio Lower Upper

91 100

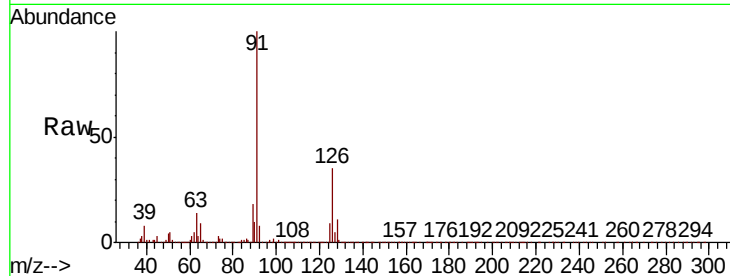
126 34.4 17.5 52.5

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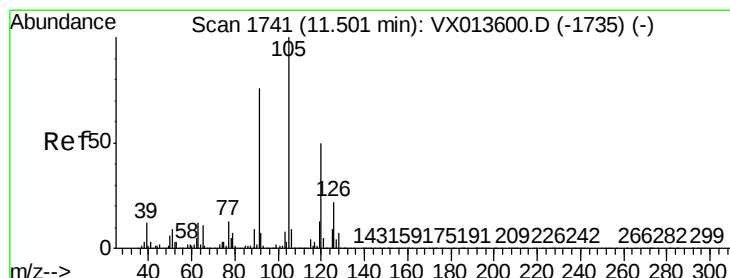
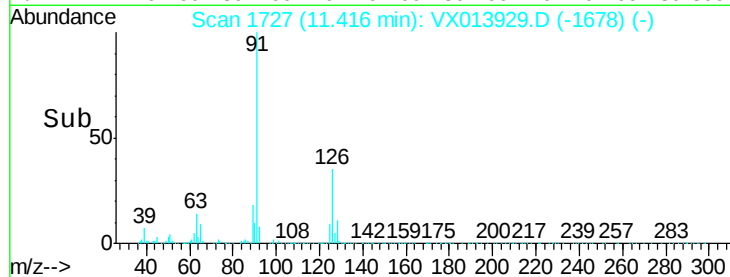
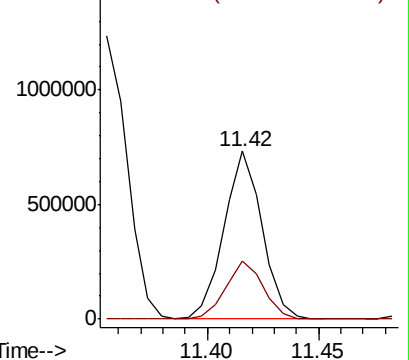
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Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1722) (-)

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



#80

1,3,5-Trimethylbenzene

Concen: 45.634 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013929.D

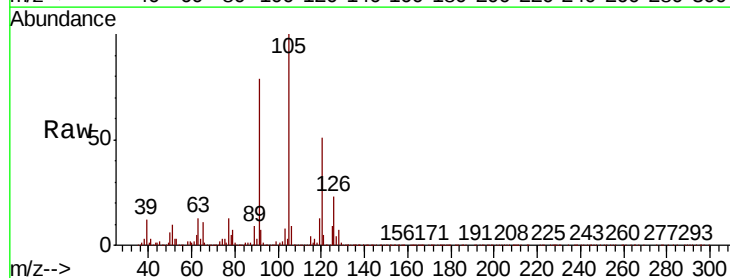
Acq: 11 Dec 2019 04:37

Tgt Ion: 105 Resp: 1065849

Ion Ratio Lower Upper

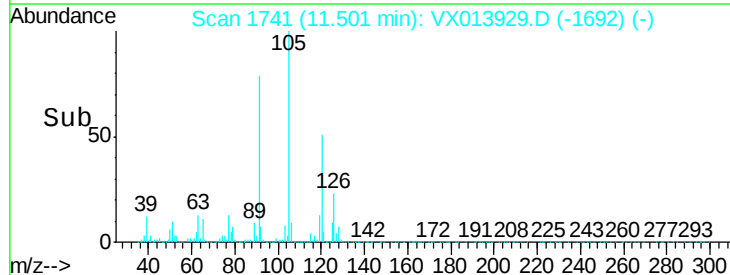
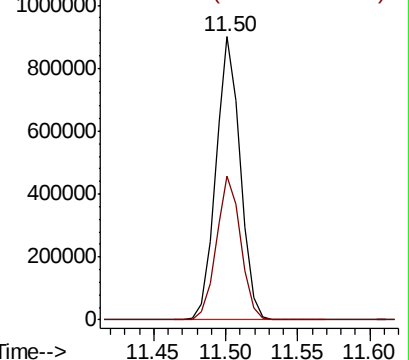
105 100

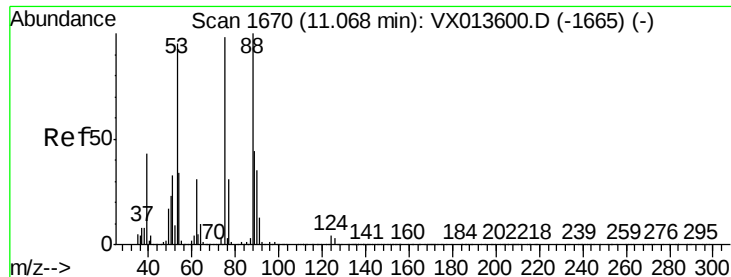
120 50.8 25.3 75.9



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 39.946 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

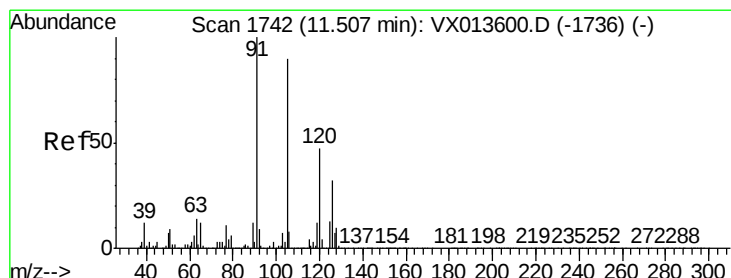
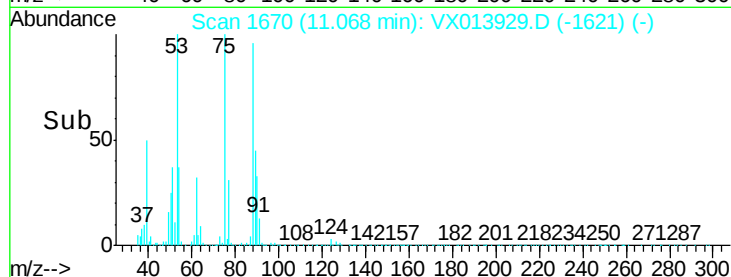
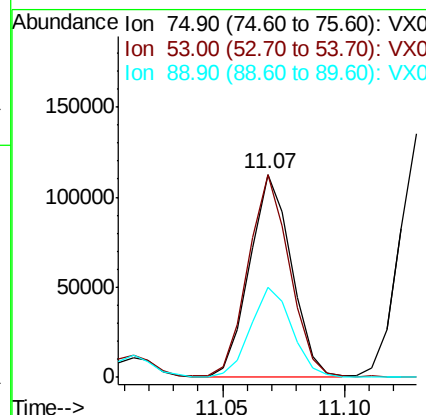
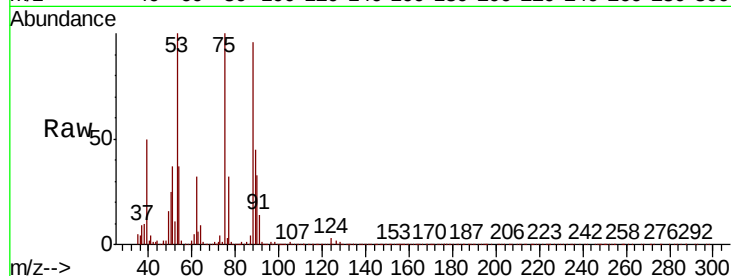
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	133419
Ion	Ratio	Lower	Upper
75	100		
53	99.0	78.2	117.2
89	44.7	35.4	53.2

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#82

4-Chlorotoluene

Concen: 45.201 ug/l

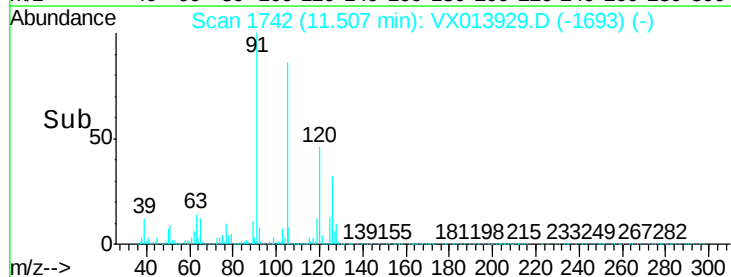
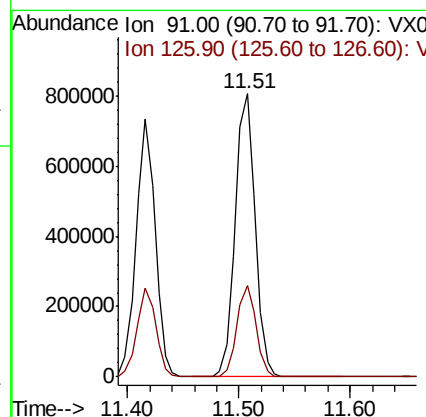
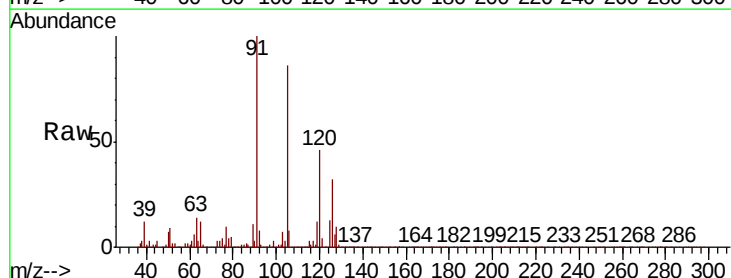
RT: 11.51 min Scan# 1742

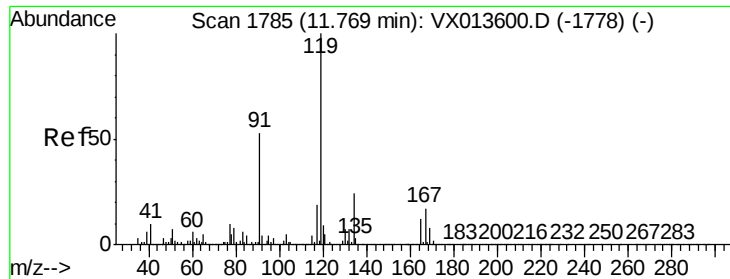
Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Tgt Ion:	91	Resp:	999063
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.7	47.0





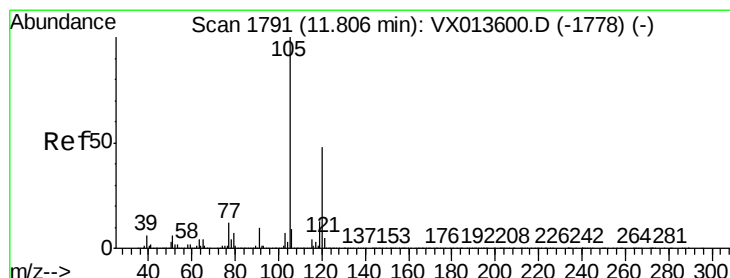
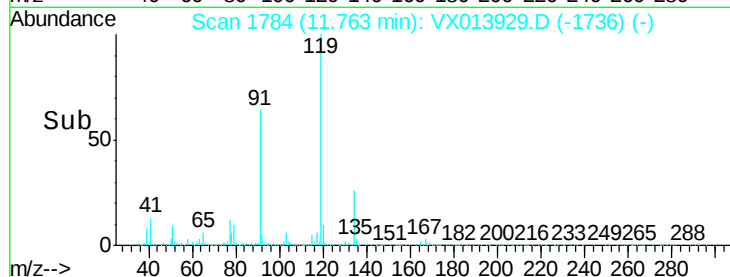
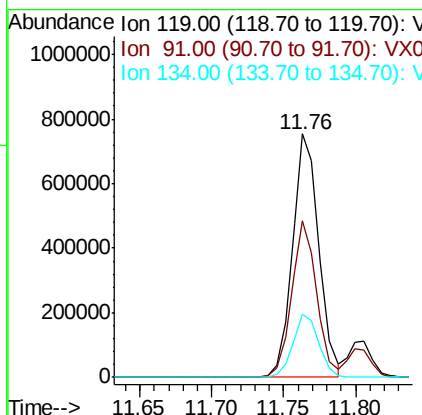
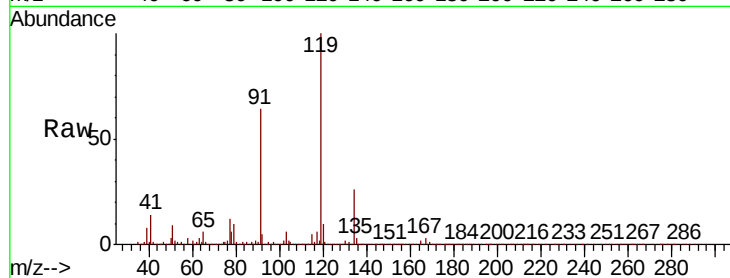
#83
tert-Butylbenzene
Concen: 40.363 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.7	27.2	81.6
134	25.5	11.7	35.1

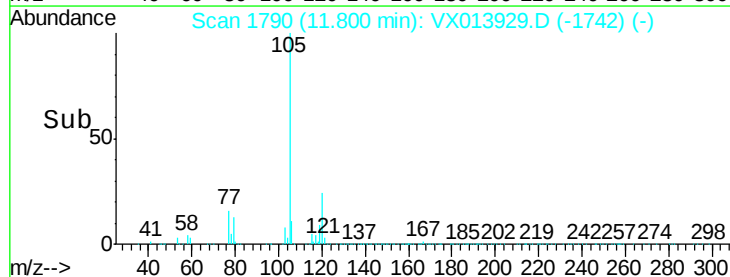
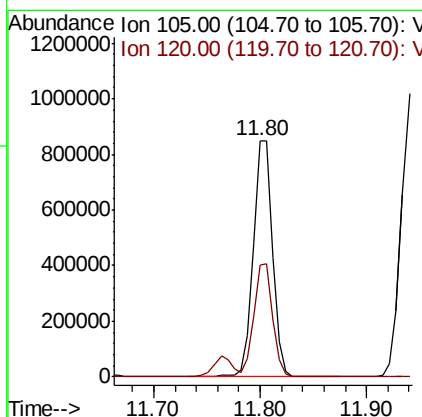
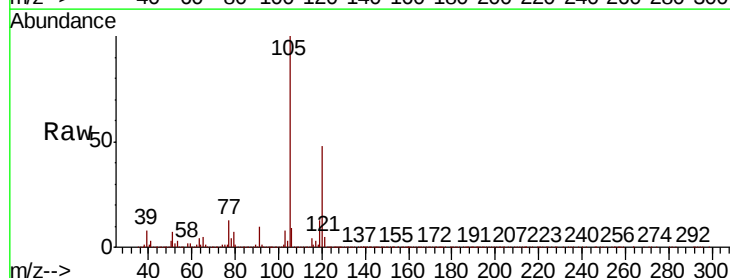
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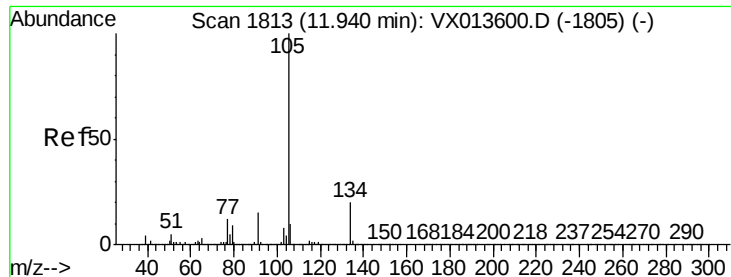
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#84
1,2,4-Trimethylbenzene
Concen: 45.587 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.1	69.3





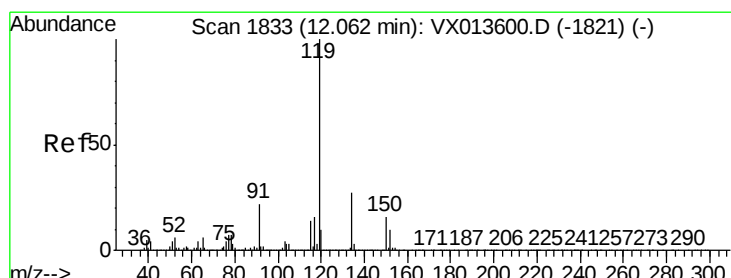
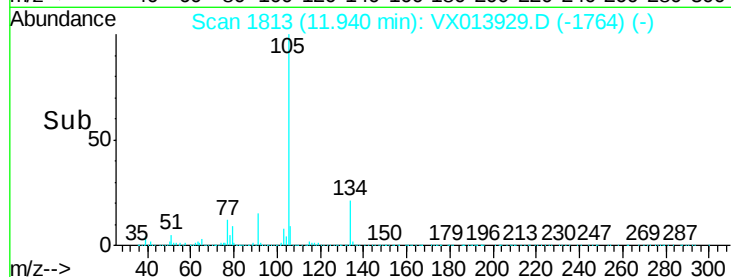
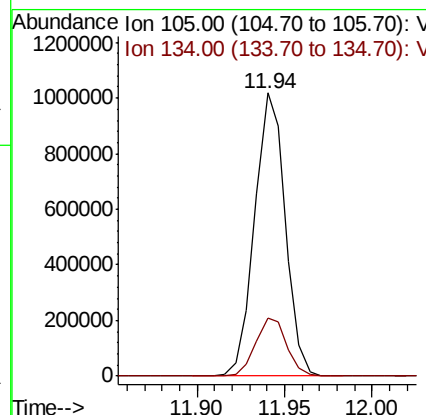
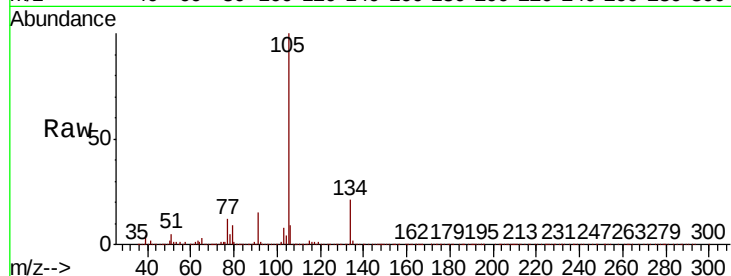
#85
 sec-Butylbenzene
 Concen: 45.959 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013929.D
 Acq: 11 Dec 2019 04:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1246090
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.2

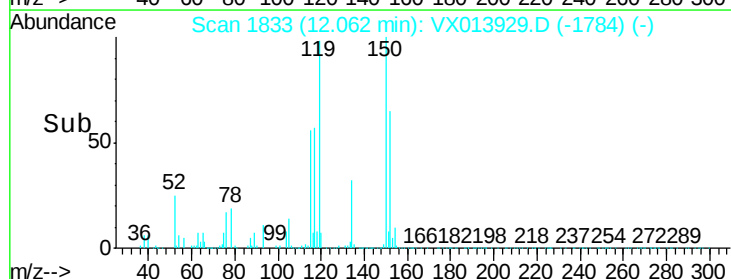
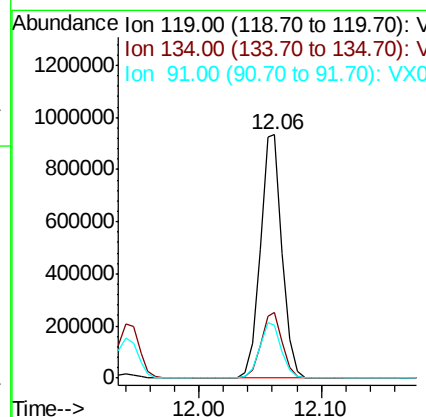
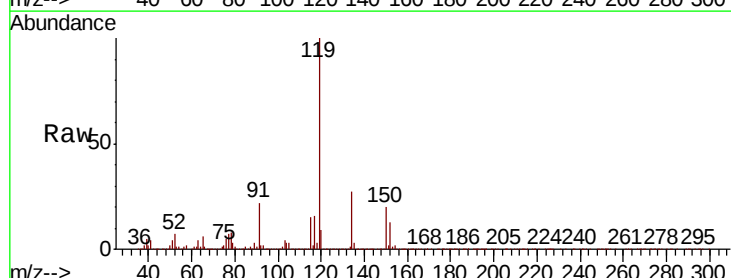
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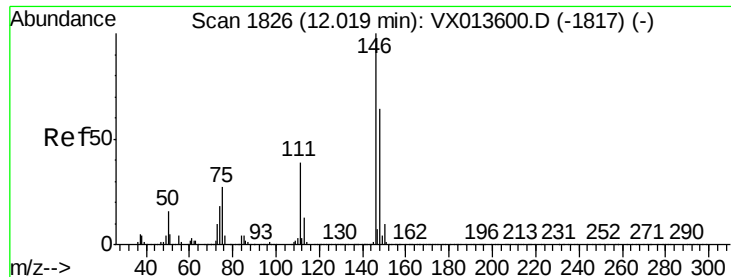
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#86
 p-Isopropyltoluene
 Concen: 46.107 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013929.D
 Acq: 11 Dec 2019 04:37

Tgt Ion:119 Resp: 1162968
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 22.5 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 44.477 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

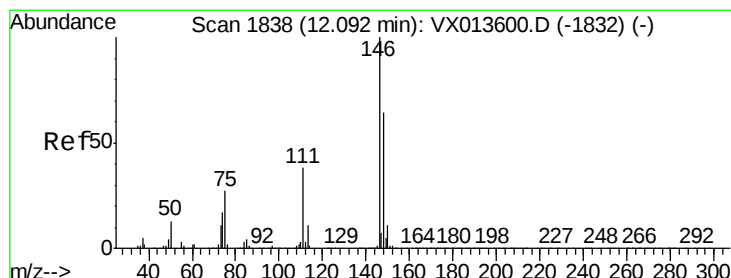
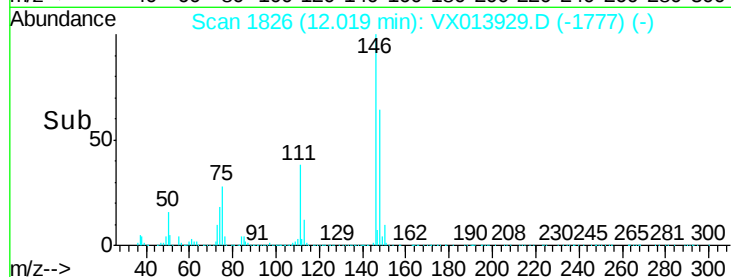
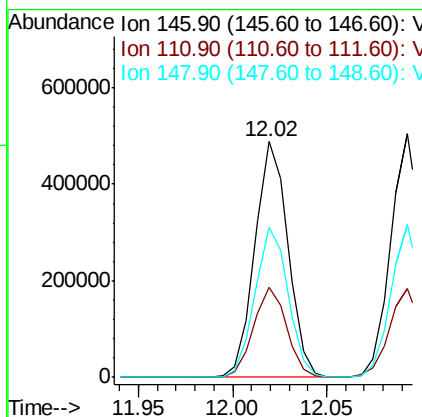
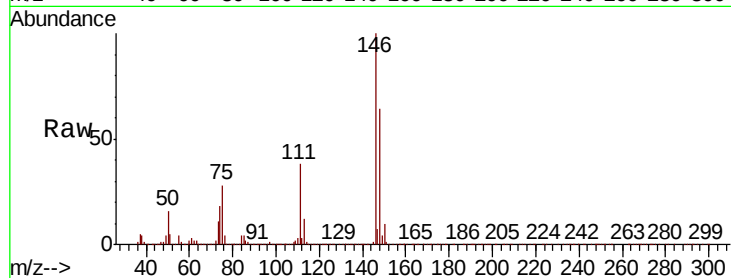
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	63.8	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 43.927 ug/l

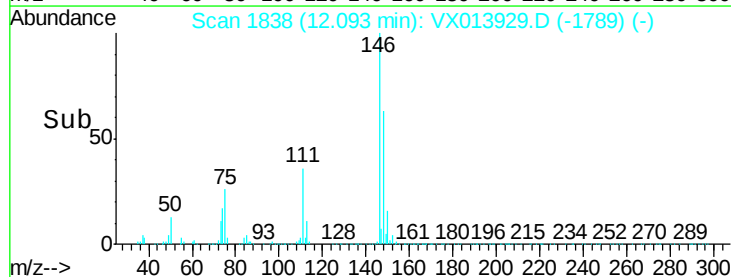
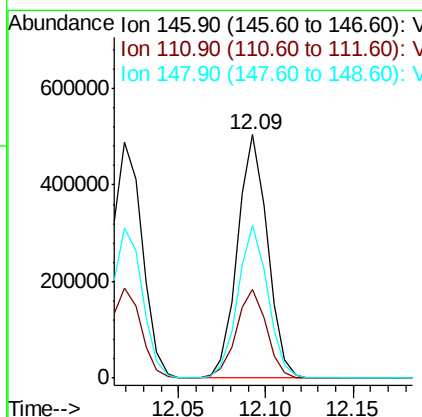
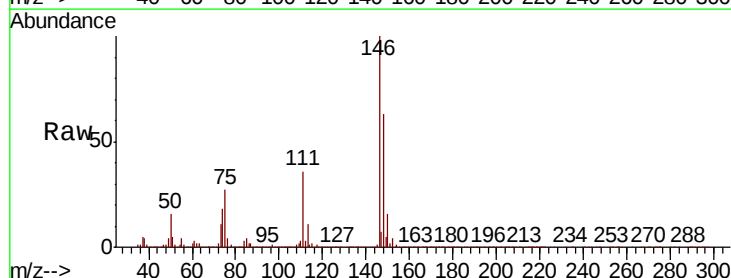
RT: 12.09 min Scan# 1838

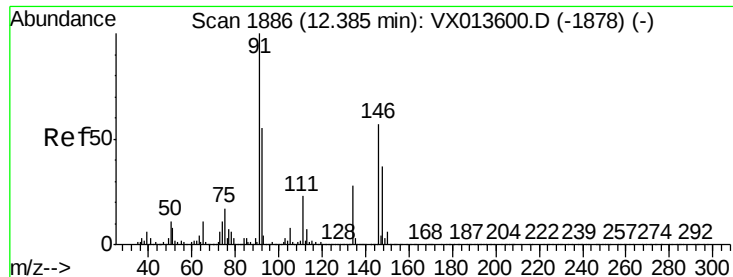
Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.9	56.9
148	62.9	31.9	95.5





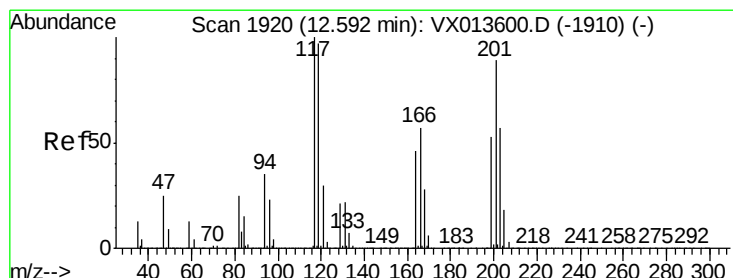
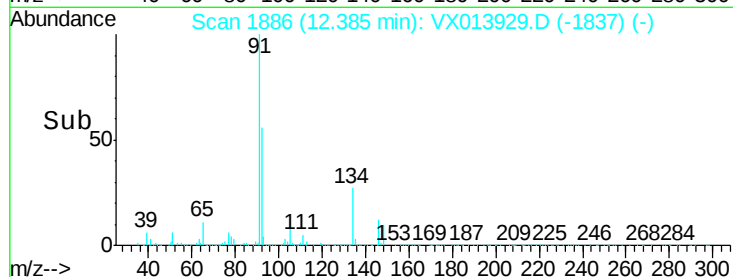
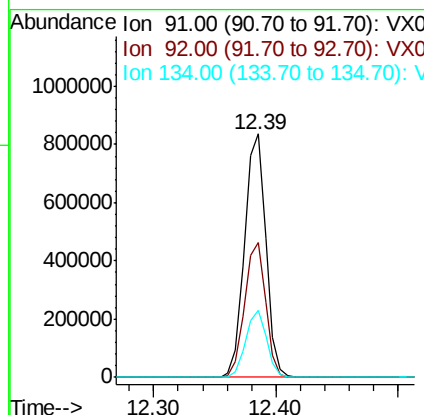
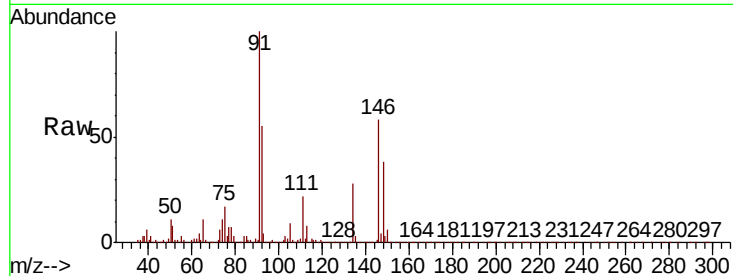
#89
n-Butylbenzene
Concen: 46.500 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.4	82.2
134	27.0	13.5	40.4

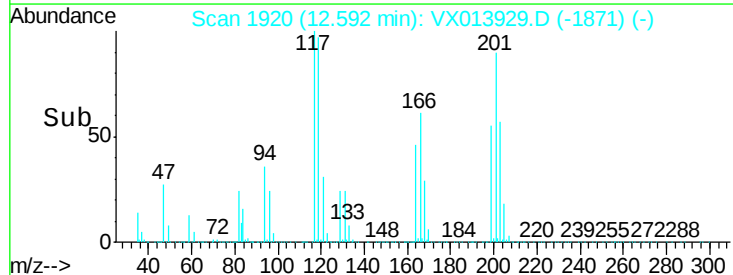
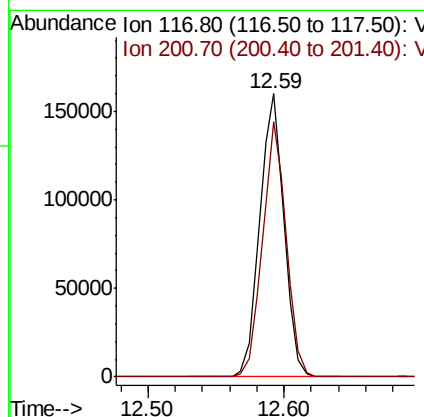
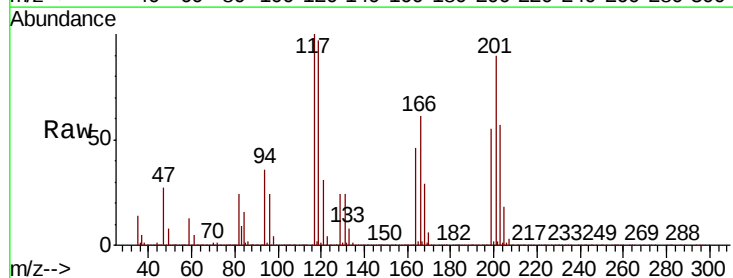
Manual Integrations
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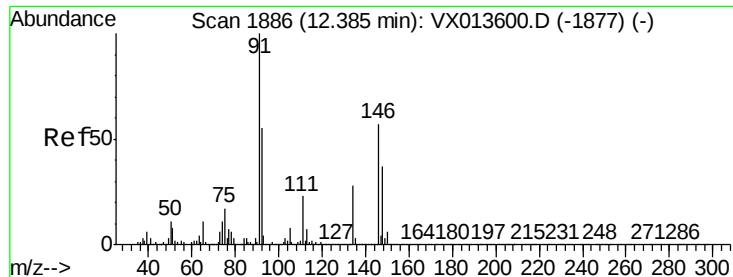
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#90
Hexachloroethane
Concen: 43.986 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.8	44.1	132.4





#91

1,2-Dichlorobenzene

Concen: 45.358 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Instrument :

MSVOA_X

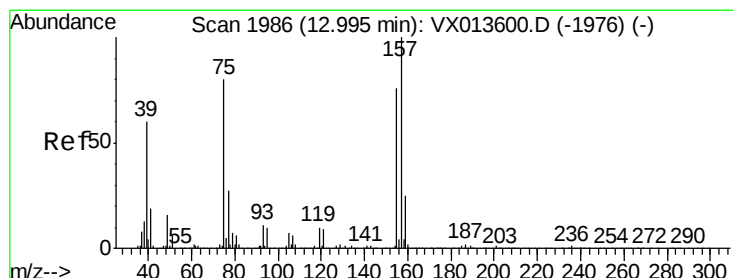
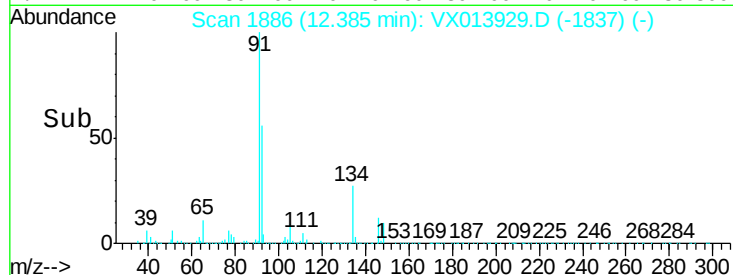
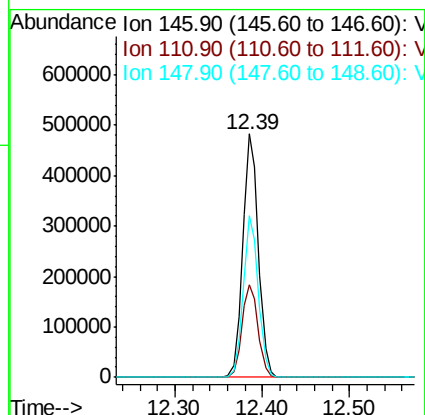
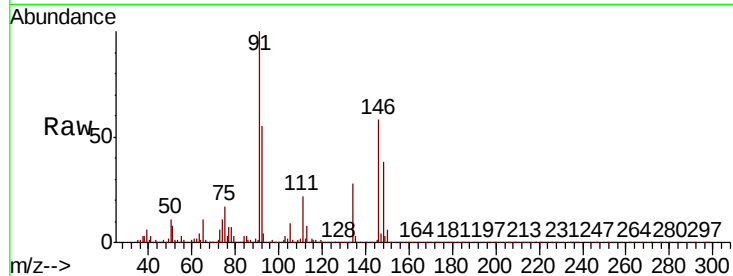
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	601432
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.6	58.7
148	64.6	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 45.782 ug/l

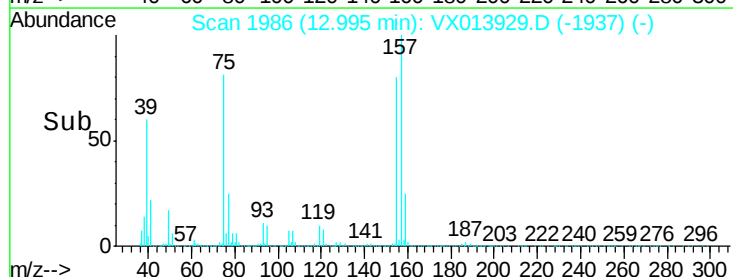
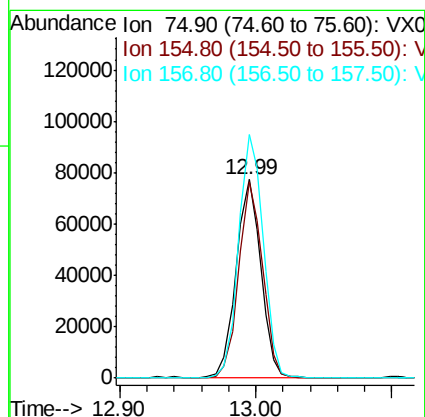
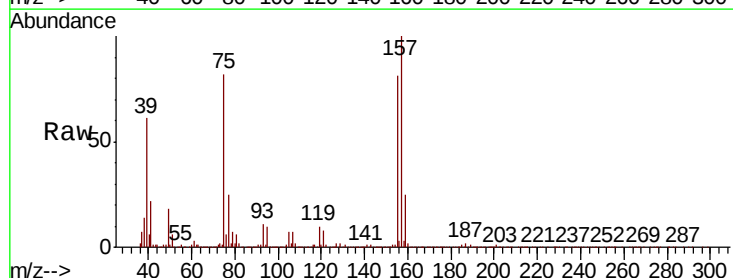
RT: 12.99 min Scan# 1886

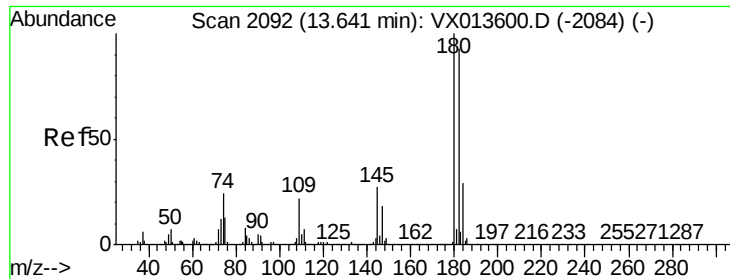
Delta R.T. 0.00 min

Lab File: VX013929.D

Acq: 11 Dec 2019 04:37

Tgt Ion:	75	Resp:	98530
Ion Ratio	Lower	Upper	
75	100		
155	94.9	47.6	142.8
157	121.0	62.1	186.2





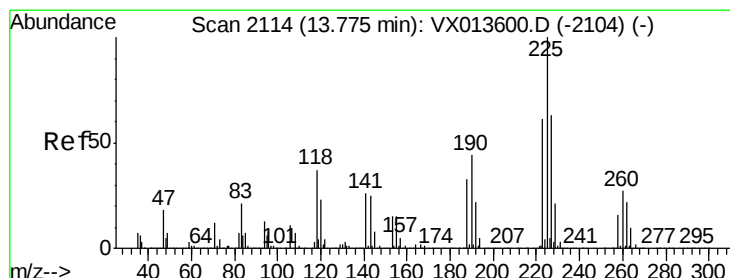
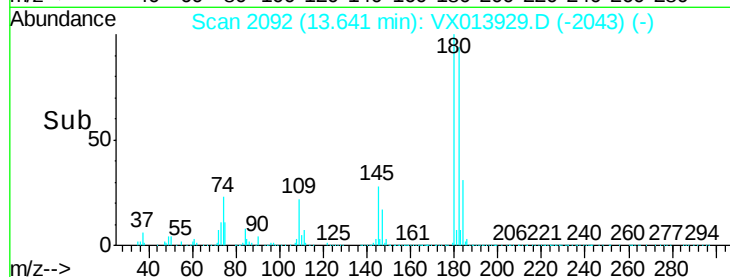
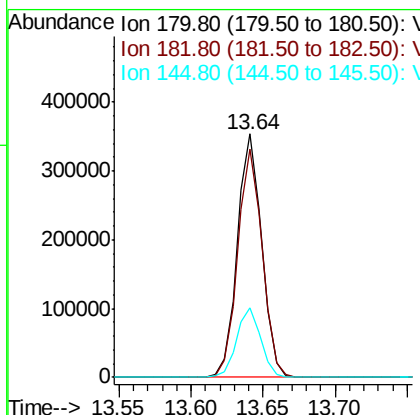
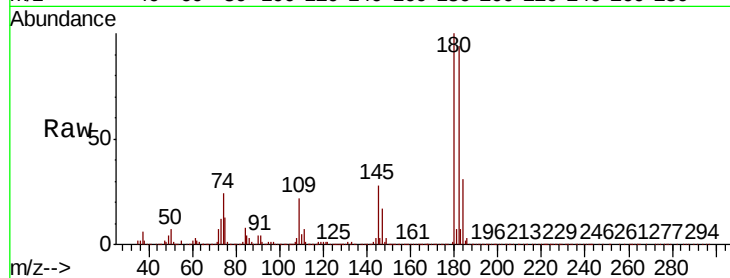
#93
 1,2,4-Trichlorobenzene
 Concen: 45.000 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013929.D
 Acq: 11 Dec 2019 04:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	415849		
182	94.7	47.2	141.6	
145	28.3	13.8	41.4	

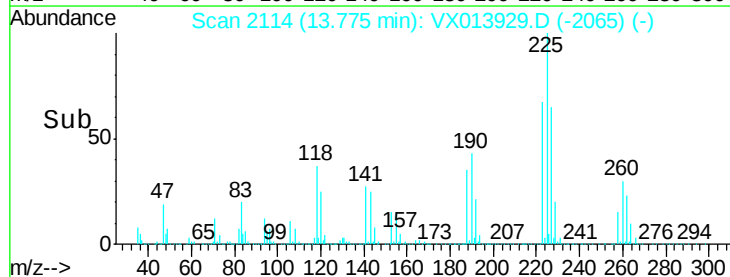
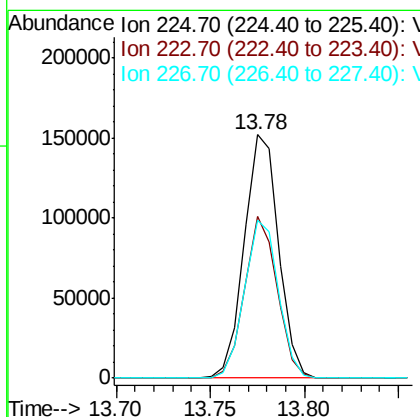
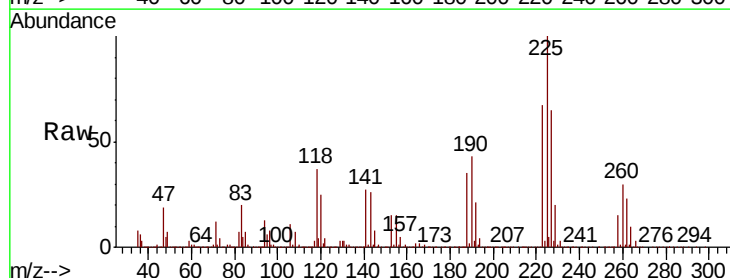
Manual Integrations
 APPROVED

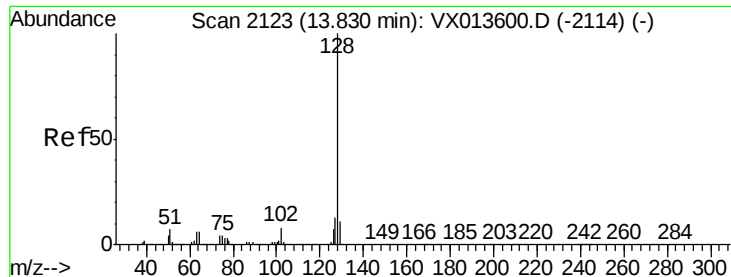
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#94
 Hexachlorobutadiene
 Concen: 43.343 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013929.D
 Acq: 11 Dec 2019 04:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	192410		
223	62.9	31.9	95.5	
227	63.8	32.1	96.3	





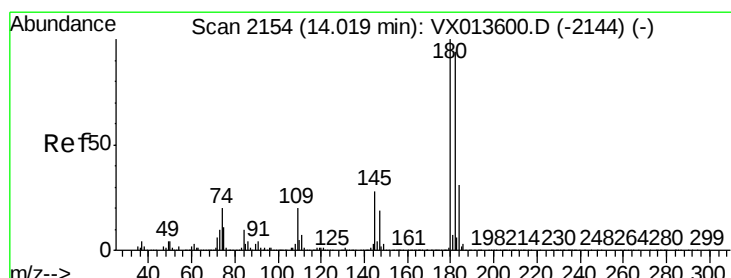
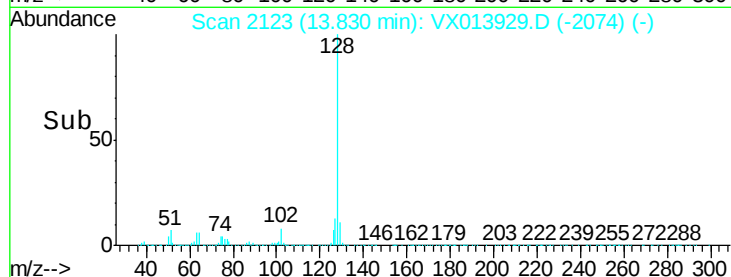
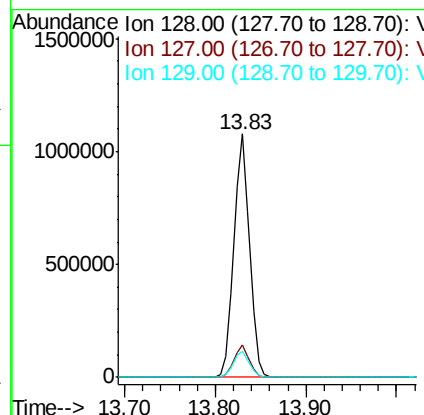
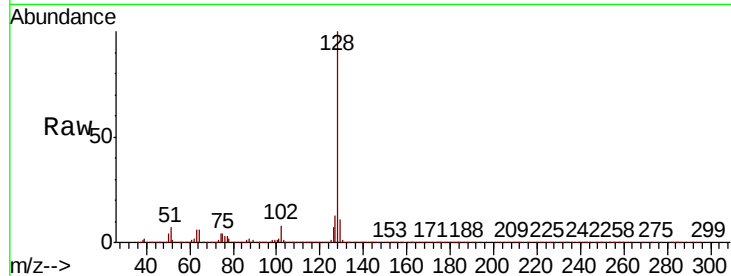
#95
Naphthalene
Concen: 46.728 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 45.354 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013929.D
Acq: 11 Dec 2019 04:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.6	142.8
145	29.3	15.0	45.0

