

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013913.D
 Acq On : 10 Dec 2019 21:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 12/11/2019 2:14:28 PM

Quant Time: Dec 11 04:10:17 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	540969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	853144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	770399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	382869	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	302034	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	5.49	113	252681	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
50) Toluene-d8	8.71	98	943775	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
62) 4-Bromofluorobenzene	11.14	95	343344	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	276522	45.924	ug/l	98
3) Chloromethane	1.32	50	315750	46.734	ug/l	99
4) Vinyl Chloride	1.40	62	375013	49.315	ug/l	99
5) Bromomethane	1.63	94	230964	45.226	ug/l	99
6) Chloroethane	1.71	64	214268	49.516	ug/l	96
7) Trichlorofluoromethane	1.92	101	403851	47.827	ug/l	99
8) Diethyl Ether	2.18	74	189147	49.513	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	250157	48.502	ug/l	99
10) Methyl Iodide	2.50	142	314548	50.416	ug/l	100
11) Tert butyl alcohol	3.03	59	340535	219.705	ug/l	98
12) 1,1-Dichloroethene	2.36	96	247055	47.988	ug/l	99
13) Acrolein	2.28	56	263752	254.339	ug/l	100
14) Allyl chloride	2.72	41	452686	48.453	ug/l	99
15) Acrylonitrile	3.13	53	808676	252.758	ug/l	100
16) Acetone	2.44	43	704277	227.169	ug/l	98
17) Carbon Disulfide	2.56	76	610130	41.573	ug/l	100
18) Methyl Acetate	2.76	43	468606	54.281	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	854587	50.108	ug/l	100
20) Methylene Chloride	2.84	84	291832	48.997	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	263278	46.943	ug/l	99
22) Diisopropyl ether	3.84	45	936693	52.068	ug/l	98
23) Vinyl Acetate	3.80	43	3745965	250.304	ug/l	100
24) 1,1-Dichloroethane	3.69	63	501435	50.988	ug/l	99
25) 2-Butanone	4.66	43	1138498	247.095	ug/l	100
26) 2,2-Dichloropropane	4.58	77	354173	43.528	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	316339	49.115	ug/l	99
28) Bromochloromethane	5.00	49	213107	54.836	ug/l	98
29) Tetrahydrofuran	5.11	42	730370	257.136	ug/l	99
30) Chloroform	5.20	83	491045	49.234	ug/l	99
31) Cyclohexane	5.57	56	434634	46.857	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	415073	49.801	ug/l	99
36) 1,1-Dichloropropene	5.79	75	362365	46.790	ug/l	100
37) Ethyl Acetate	4.83	43	433500	49.896	ug/l	100
38) Carbon Tetrachloride	5.78	117	344124	48.190	ug/l	99

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Manual Integrations
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Quant Time: Dec 11 04:10:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	431197	45.044	ug/l	99
40) Benzene	6.14	78	1120654	47.512	ug/l	100
41) Methacrylonitrile	5.03	41	243815	51.171	ug/l	99
42) 1,2-Dichloroethane	6.19	62	395425	49.157	ug/l	100
43) Isopropyl Acetate	6.44	43	700818	48.997	ug/l	99
44) Trichloroethene	7.21	130	318284	49.168	ug/l	96
45) 1,2-Dichloropropane	7.51	63	300034	50.841	ug/l	96
46) Dibromomethane	7.65	93	191292	47.727	ug/l	99
47) Bromodichloromethane	7.89	83	379692	50.110	ug/l	97
48) Methyl methacrylate	7.76	41	351745	50.614	ug/l	99
49) 1,4-Dioxane	7.73	88	132224	849.992	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	2271221	252.439	ug/l	99
52) Toluene	8.78	92	705570	48.152	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	407398	47.237	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	459438	48.759	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	297776	50.428	ug/l	97
56) Ethyl methacrylate	9.17	69	476709	50.214	ug/l	99
57) 1,3-Dichloropropane	9.37	76	503064	49.426	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	908116	243.972	ug/l	99
59) 2-Hexanone	9.49	43	1730670	246.637	ug/l	99
60) Dibromochloromethane	9.58	129	305155	49.796	ug/l	99
61) 1,2-Dibromoethane	9.67	107	307054	48.687	ug/l	99
64) Tetrachloroethene	9.33	164	300025	52.222	ug/l	99
65) Chlorobenzene	10.14	112	766087	47.895	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	286179	49.825	ug/l	100
67) Ethyl Benzene	10.25	91	1348977	49.079	ug/l	99
68) m/p-Xylenes	10.36	106	1018115	96.751	ug/l	100
69) o-Xylene	10.70	106	496421	48.369	ug/l	99
70) Styrene	10.71	104	860606	49.849	ug/l	99
71) Bromoform	10.85	173	236974	49.864	ug/l #	98
73) Isopropylbenzene	11.01	105	1322825	49.255	ug/l	100
74) N-amyl acetate	10.89	43	614697	49.964	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	475107	51.011	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	433482m	50.338	ug/l	
77) Bromobenzene	11.25	156	344838	47.528	ug/l	97
78) n-propylbenzene	11.35	91	1478255	49.307	ug/l	100
79) 2-Chlorotoluene	11.42	91	869805	48.364	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1087909	49.424	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	148742	47.255	ug/l	99
82) 4-Chlorotoluene	11.51	91	1004768	48.237	ug/l	99
83) tert-Butylbenzene	11.76	119	1083141	48.419	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1090154	48.799	ug/l	99
85) sec-Butylbenzene	11.94	105	1269054	49.666	ug/l	99
86) p-Isopropyltoluene	12.06	119	1172325	49.318	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	601612	47.568	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	598687	46.474	ug/l	100
89) n-Butylbenzene	12.39	91	994056	49.031	ug/l	99
90) Hexachloroethane	12.59	117	207104	48.202	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	610753	48.875	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	98640	48.634	ug/l	99

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Instrument :
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ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Quant Time: Dec 11 04:10:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	392213	45.036	ug/l	98
94) Hexachlorobutadiene	13.78	225	183873	43.951	ug/l	100
95) Naphthalene	13.83	128	1255447	48.406	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	402250	46.649	ug/l	99

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

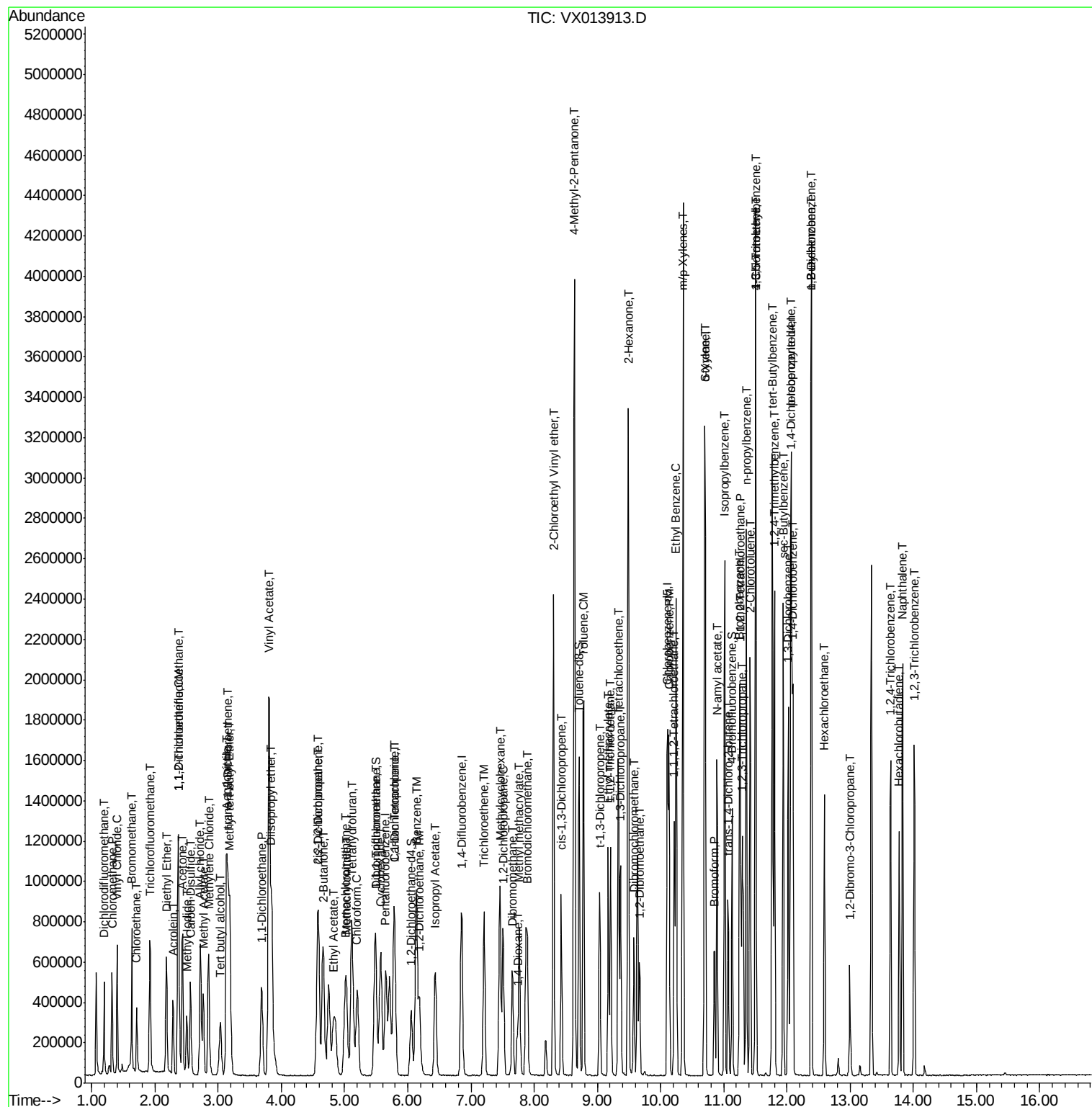
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Data File : VX013913.D
Acq On : 10 Dec 2019 21:03
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

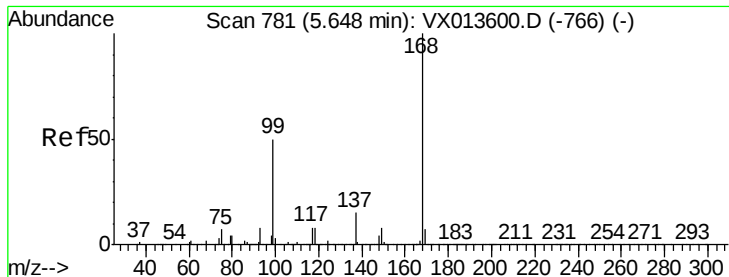
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
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#1

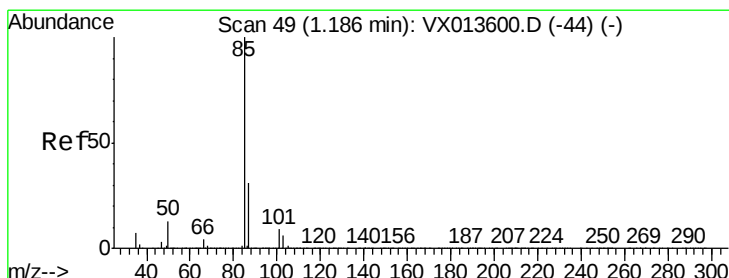
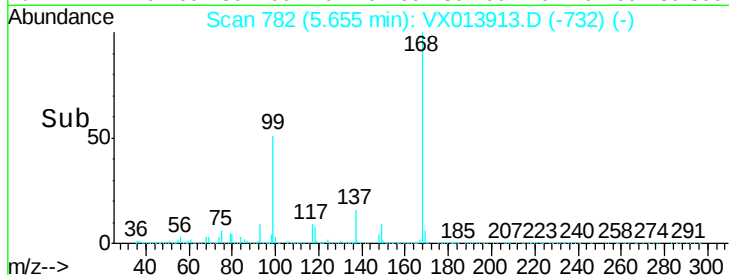
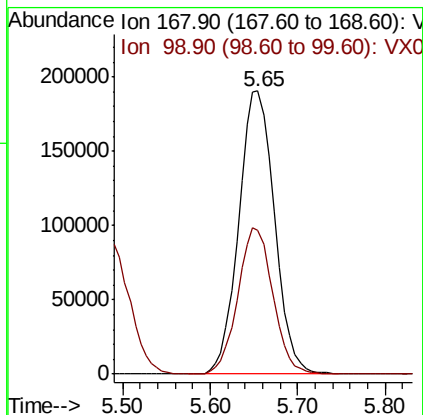
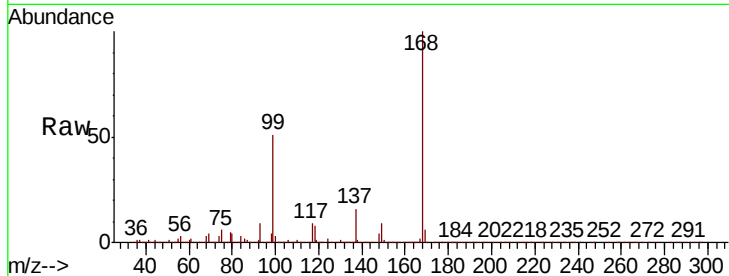
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013913.D
 Acq: 10 Dec 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.8	39.8	59.8

Manual Integrations
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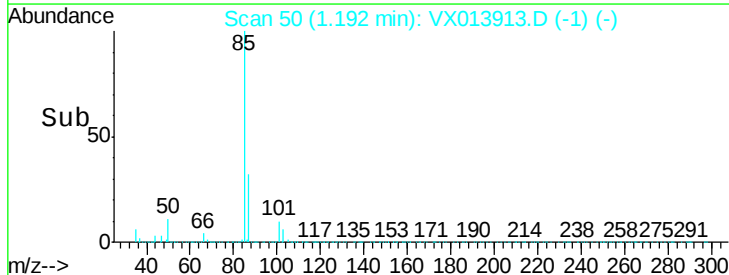
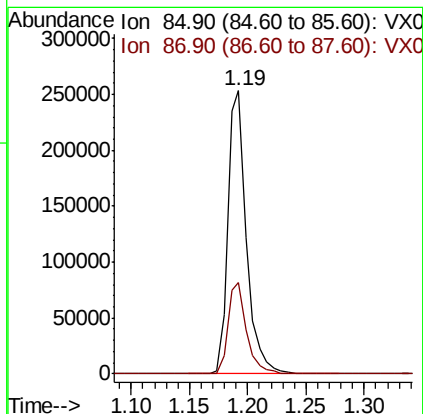
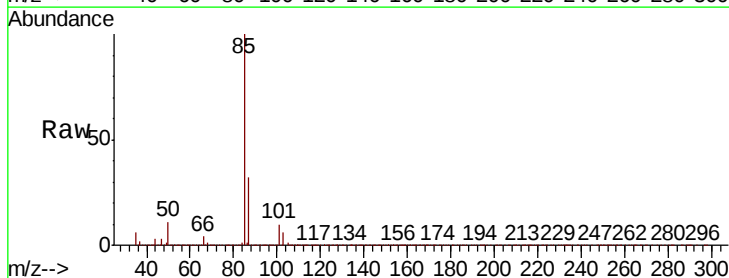
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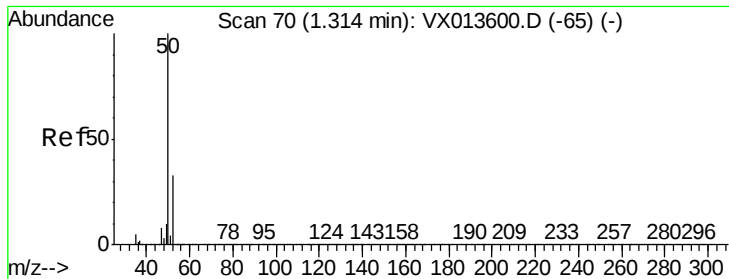


#2

Dichlorodifluoromethane
 Concen: 45.924 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013913.D
 Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.7	47.1





#3

Chloromethane

Concen: 46.734 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 315750

Ion Ratio Lower Upper

50 100

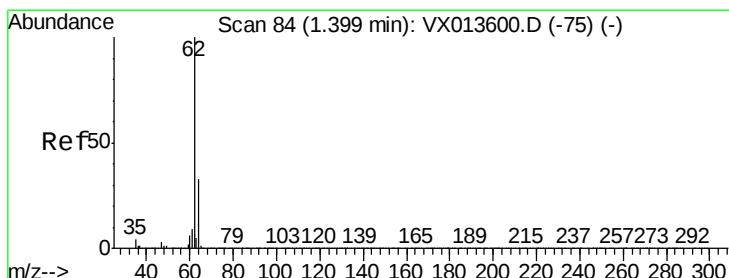
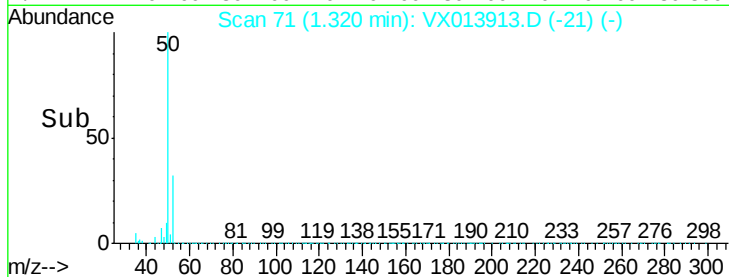
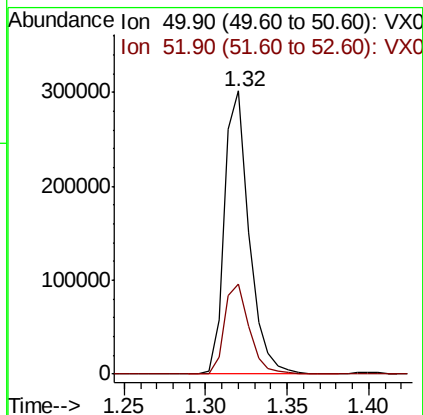
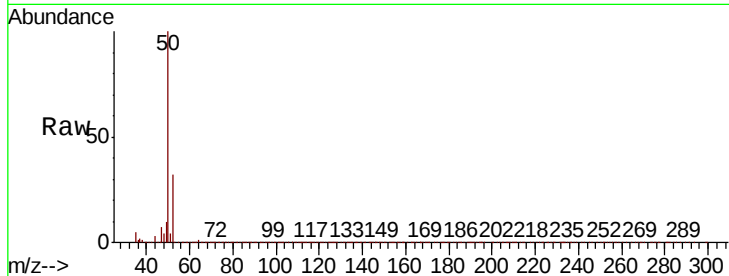
52 32.0 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.315 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013913.D

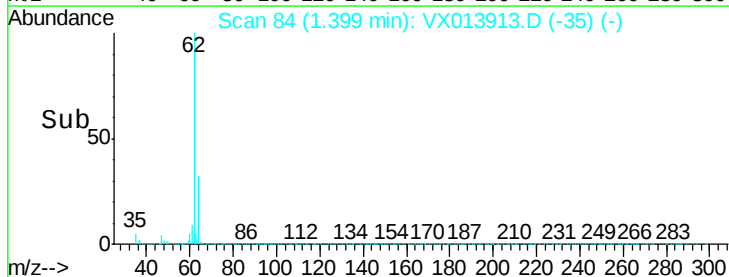
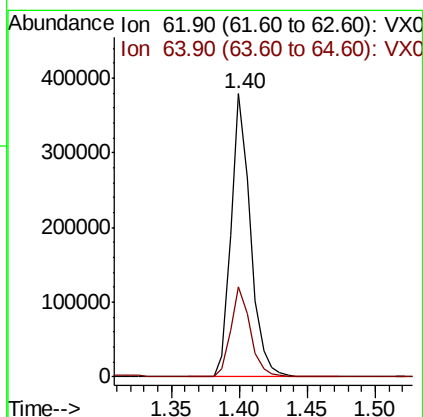
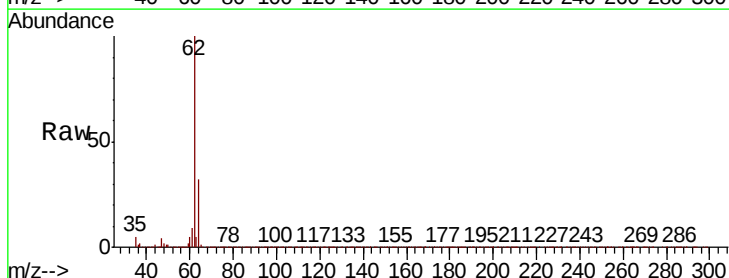
Acq: 10 Dec 2019 21:03

Tgt Ion: 62 Resp: 375013

Ion Ratio Lower Upper

62 100

64 31.7 26.0 39.0





#5

Bromomethane

Concen: 45.226 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 230964

Ion Ratio Lower Upper

94 100

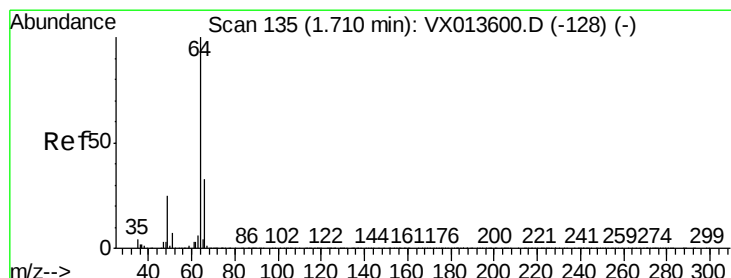
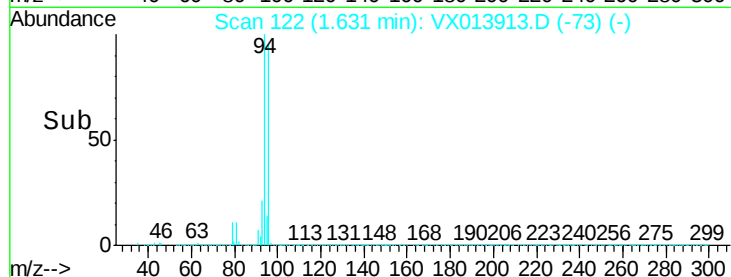
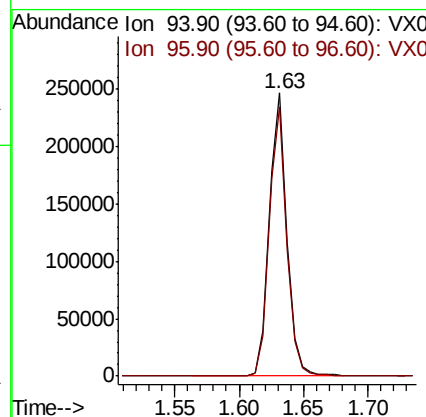
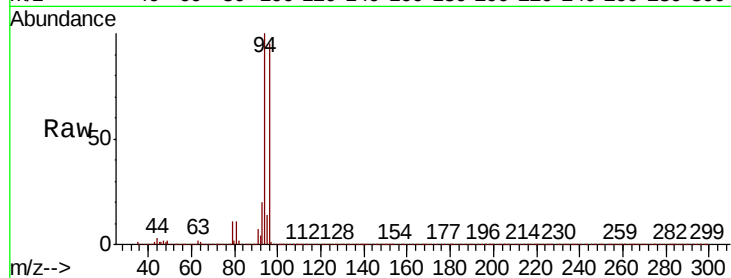
96 94.9 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 49.516 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013913.D

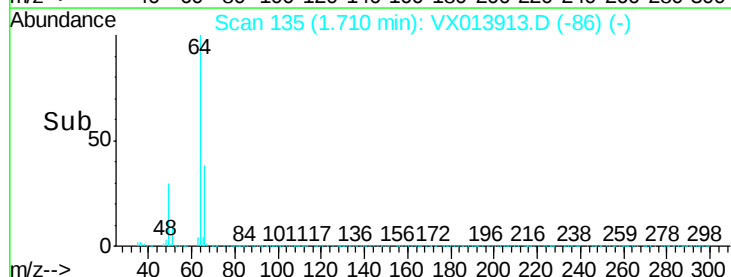
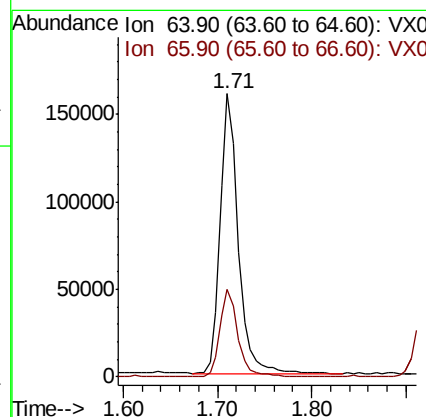
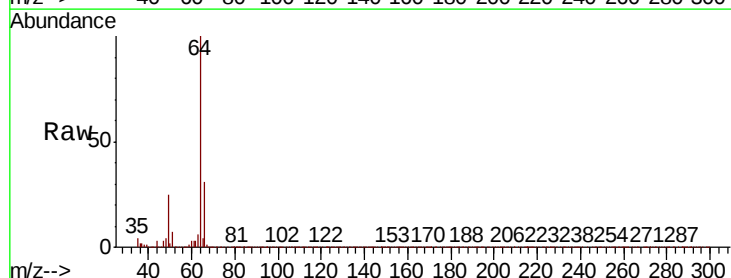
Acq: 10 Dec 2019 21:03

Tgt Ion: 64 Resp: 214268

Ion Ratio Lower Upper

64 100

66 30.9 26.7 40.1





#7

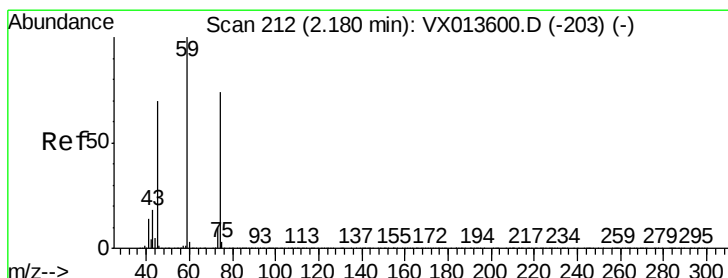
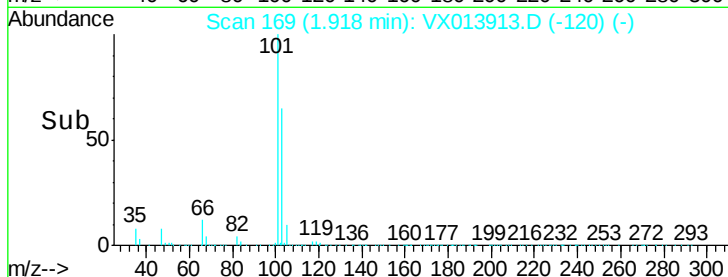
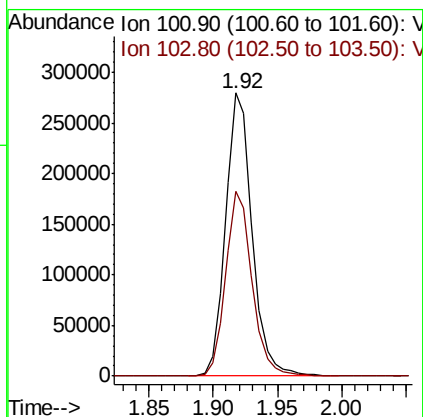
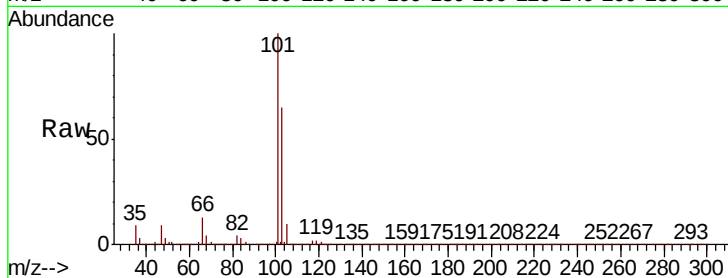
Trichlorofluoromethane
Concen: 47.827 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.8	77.6

Manual Integrations
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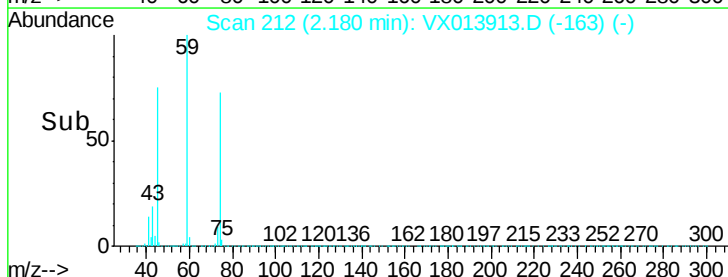
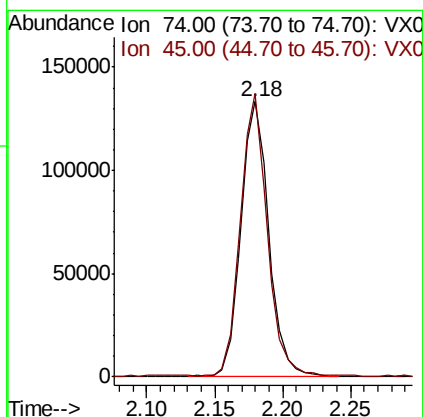
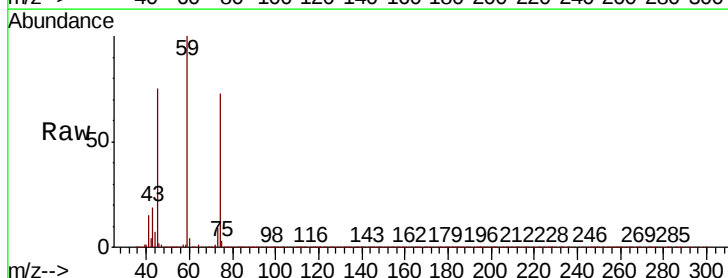
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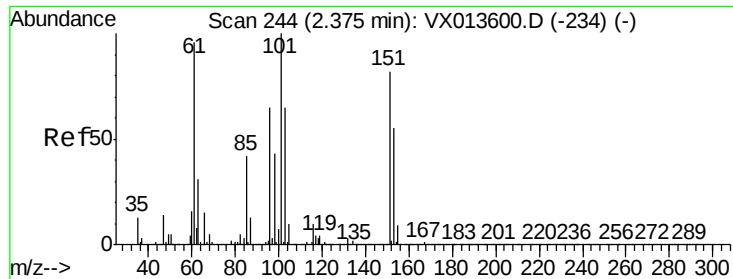


#8

Diethyl Ether
Concen: 49.513 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.5	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.502 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

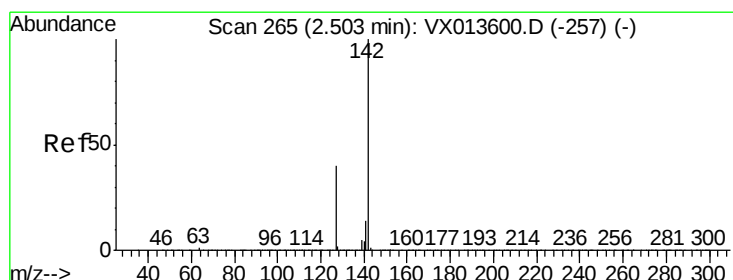
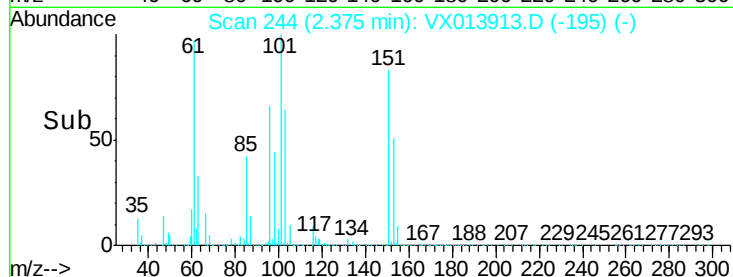
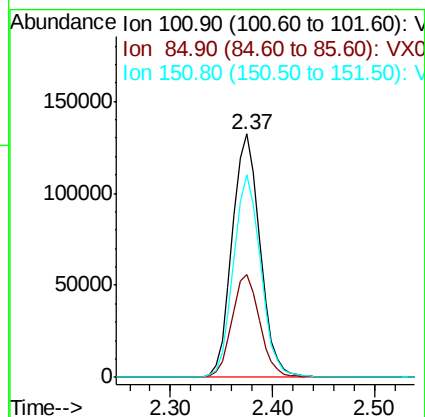
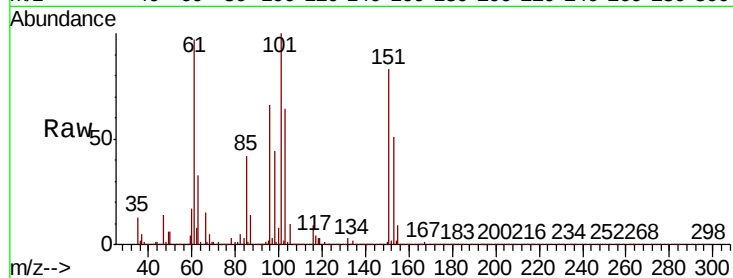
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	250157
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.9	50.9
151	81.5	64.2	96.2

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#10

Methyl Iodide

Concen: 50.416 ug/l

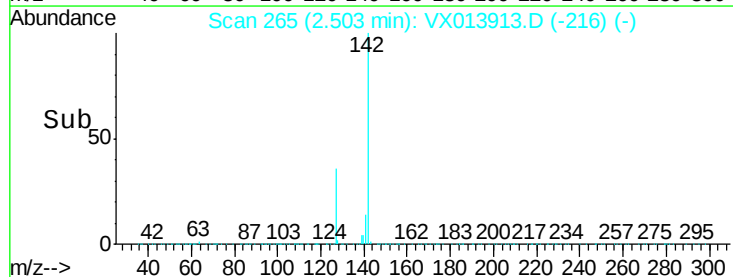
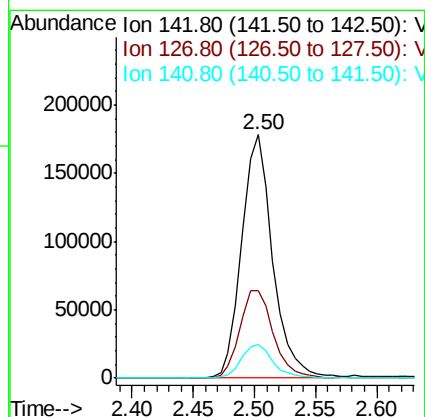
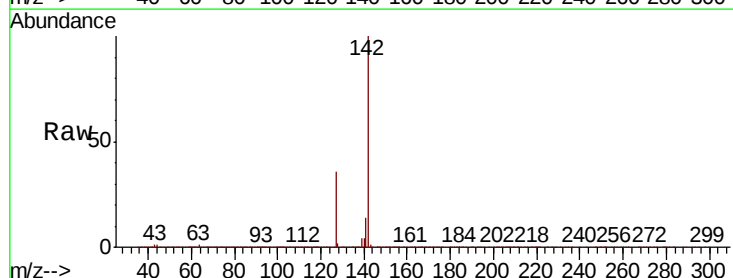
RT: 2.50 min Scan# 265

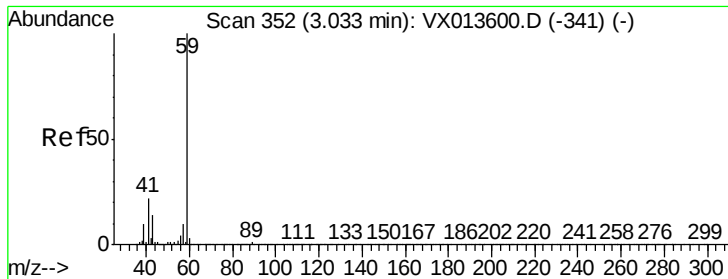
Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Tgt Ion:	142	Resp:	314548
Ion Ratio	Lower	Upper	
142	100		
127	38.8	31.0	46.4
141	14.2	11.6	17.4





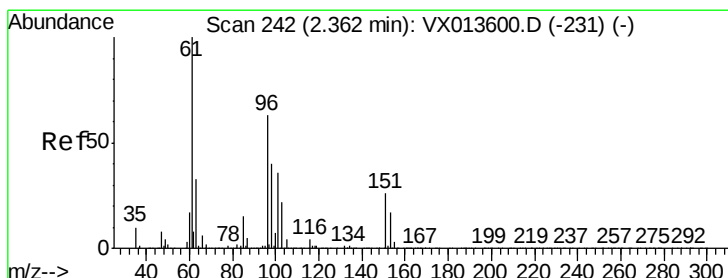
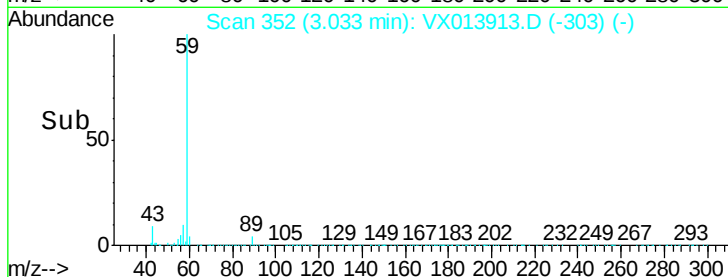
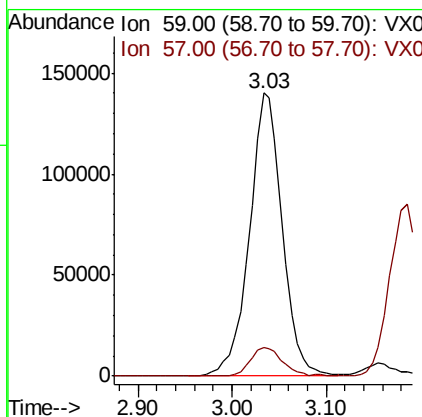
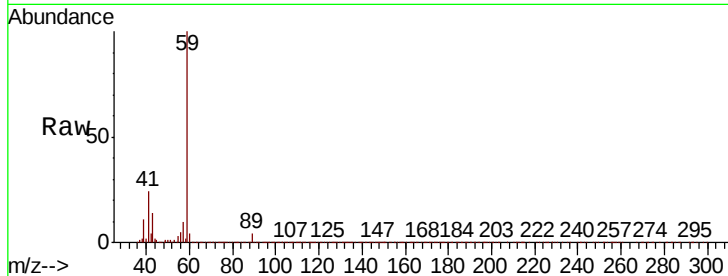
#11
Tert butyl alcohol
Concen: 219.705 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.8	11.6

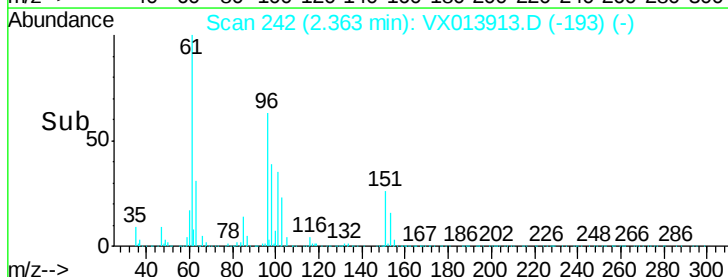
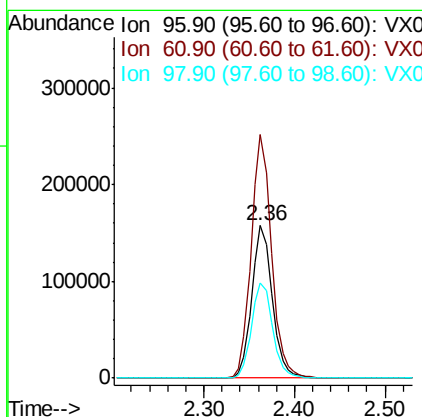
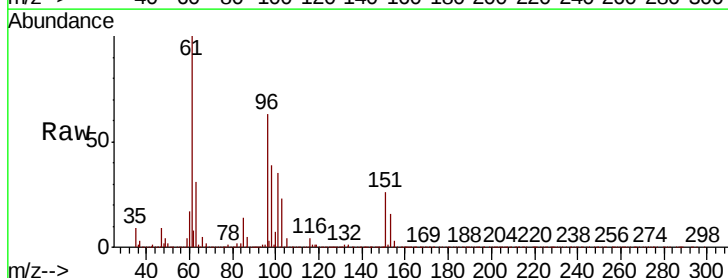
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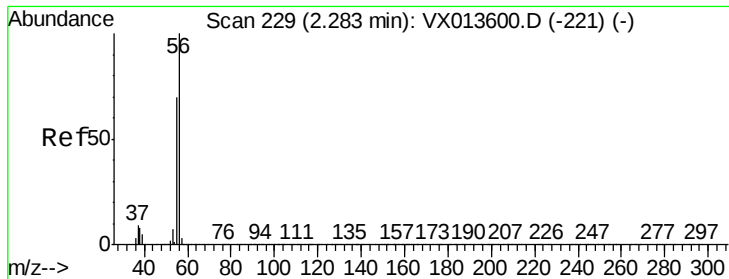
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#12
1,1-Dichloroethene
Concen: 47.988 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.6	126.6	190.0
98	62.4	50.6	76.0





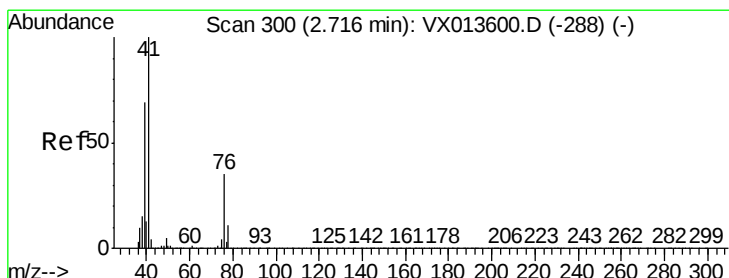
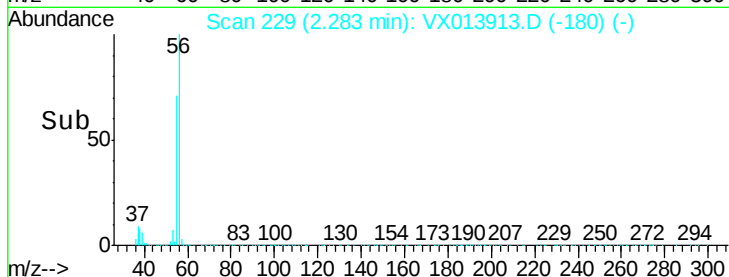
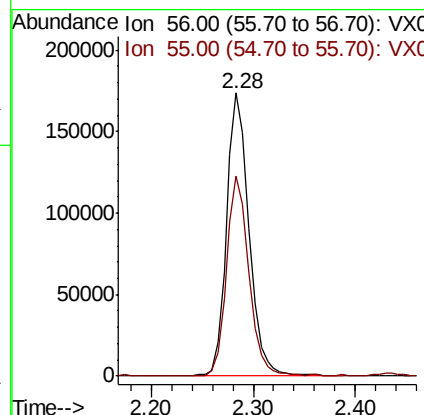
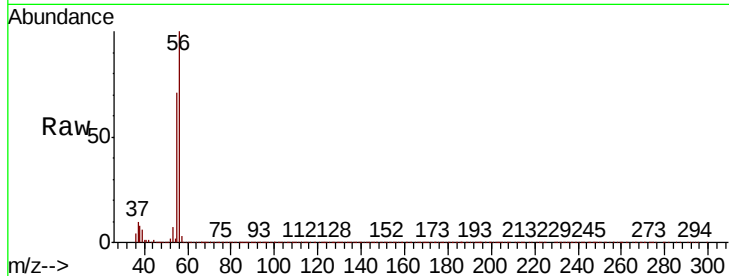
#13
Acrolein
Concen: 254.339 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.0	56.2	84.4

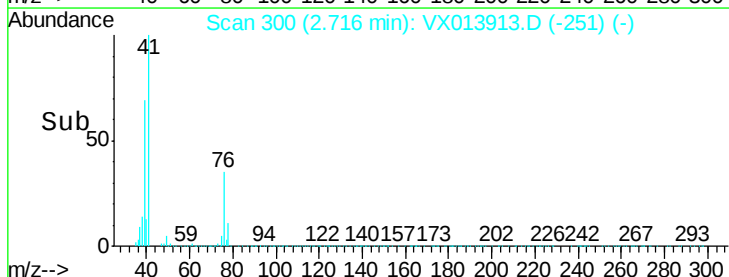
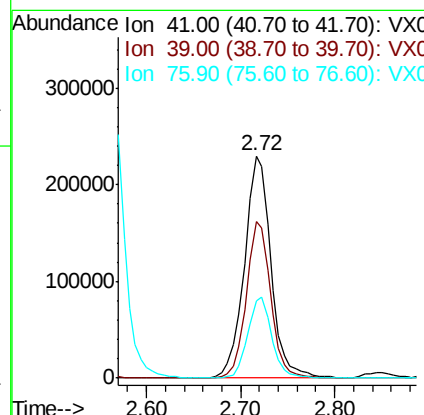
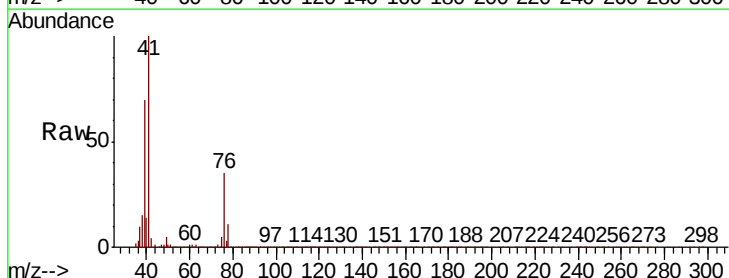
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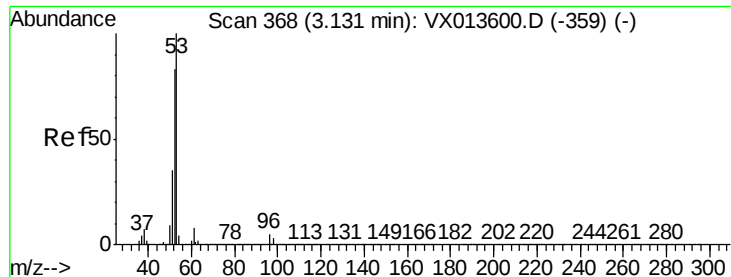
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#14
Allyl chloride
Concen: 48.453 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.2	51.7	77.5
76	32.2	25.9	38.9





#15

Acrylonitrile

Concen: 252.758 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

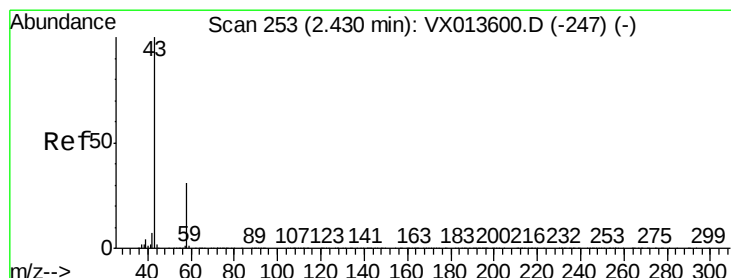
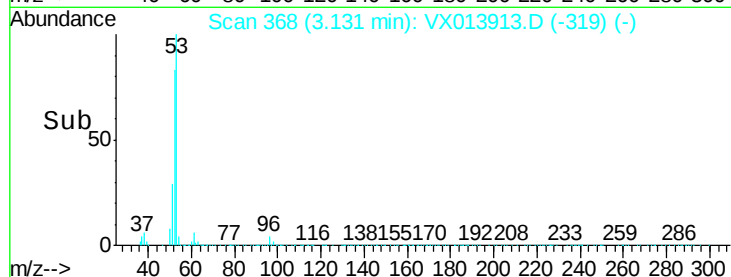
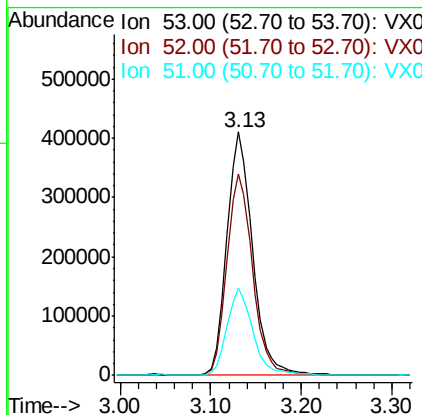
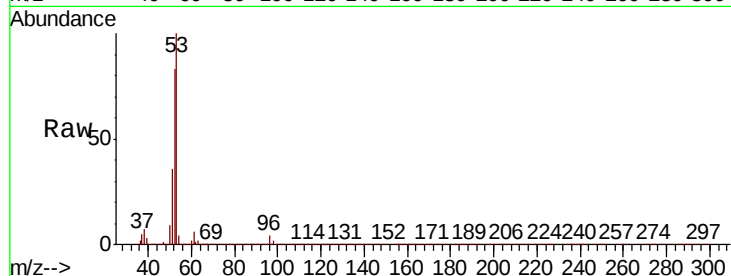
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	808676
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.2	99.2
51	35.7	29.0	43.6

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#16

Acetone

Concen: 227.169 ug/l

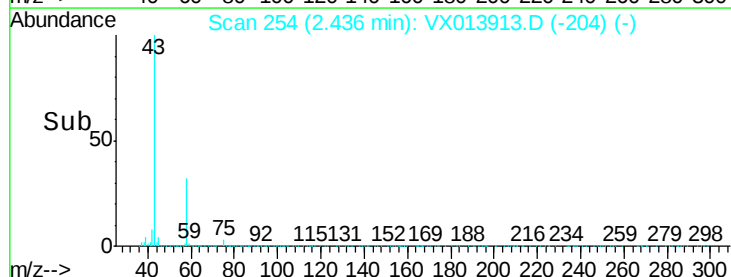
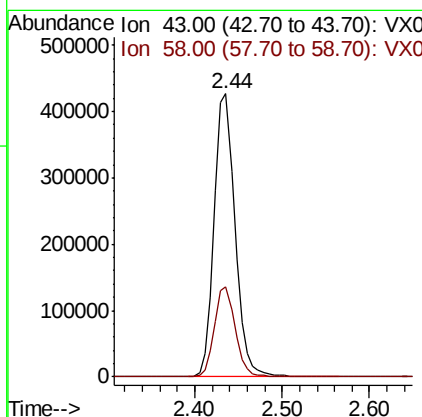
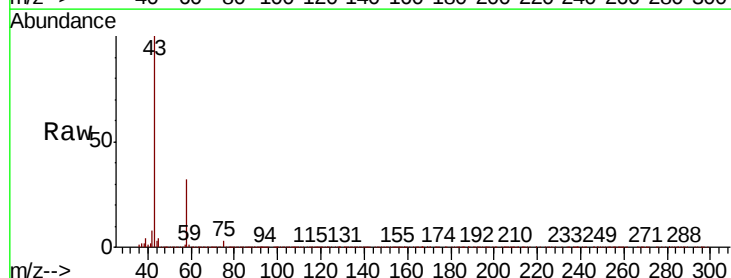
RT: 2.44 min Scan# 254

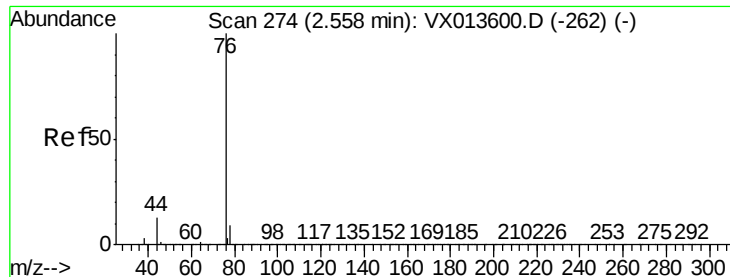
Delta R.T. 0.01 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Tgt Ion:	43	Resp:	704277
Ion Ratio		Lower	Upper
43	100		
58	31.7	24.6	36.8





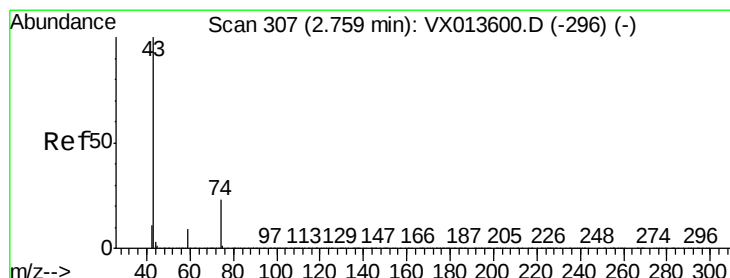
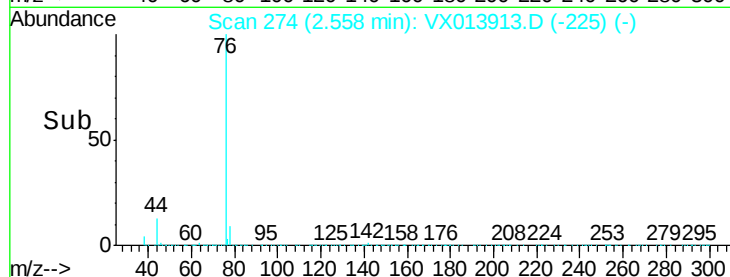
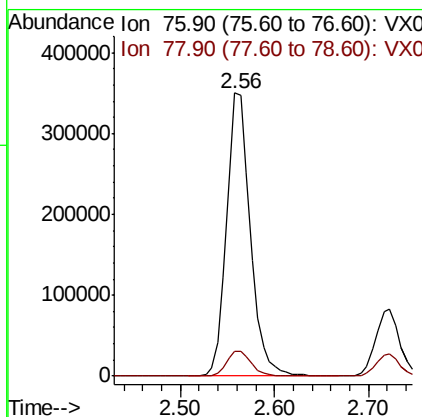
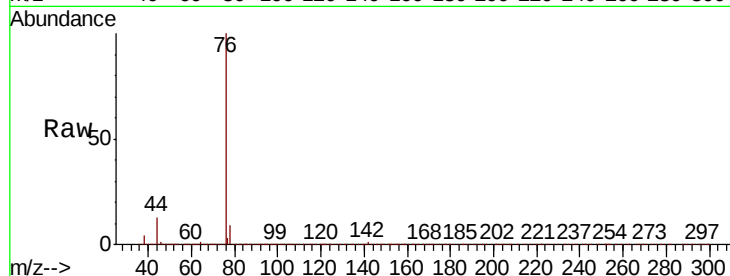
#17
Carbon Disulfide
Concen: 41.573 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

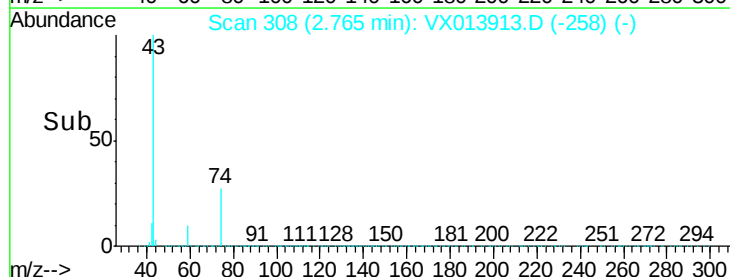
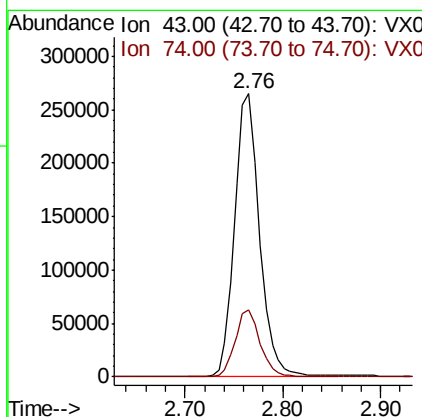
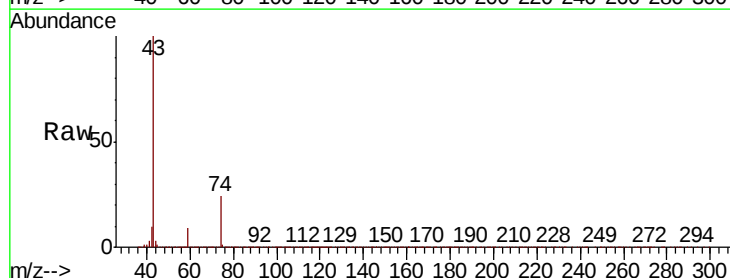
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#18
Methyl Acetate
Concen: 54.281 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.5	29.3





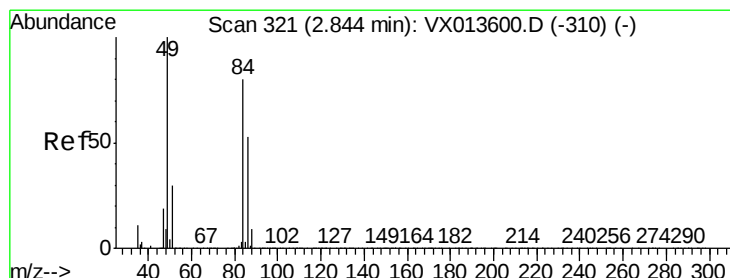
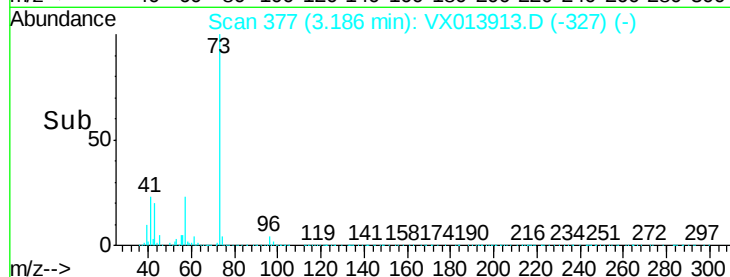
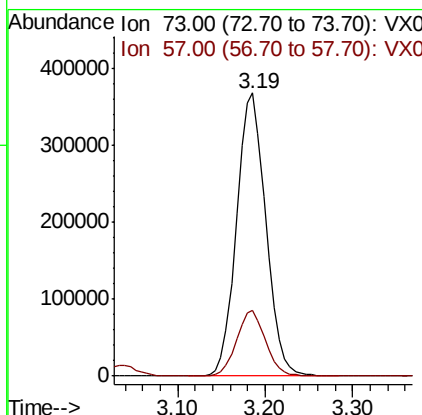
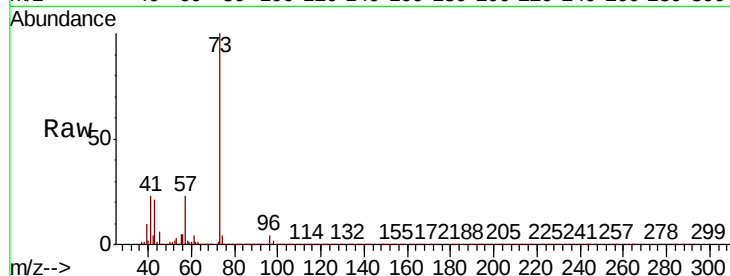
#19
Methvl tert-butvl Ether
Concen: 50.108 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.3	27.5

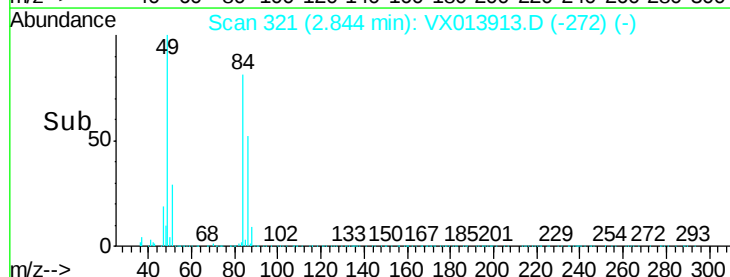
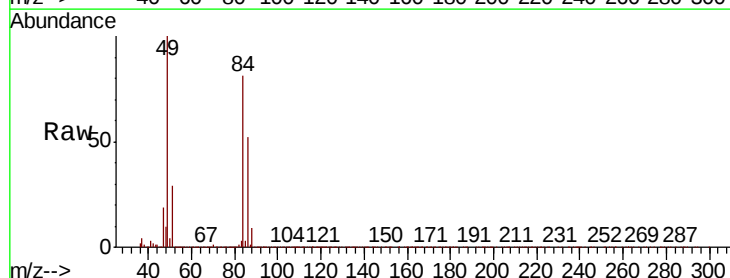
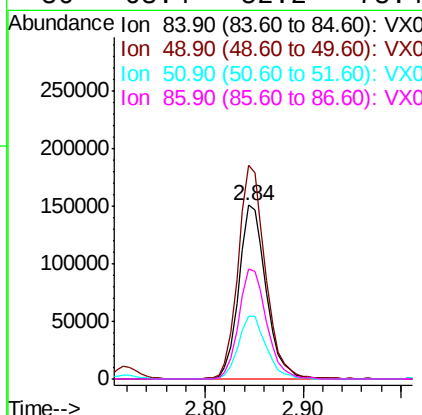
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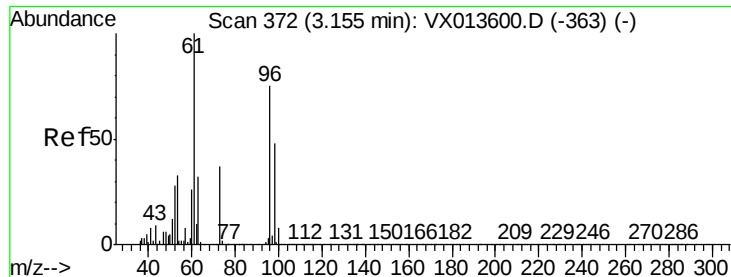
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#20
Methylene Chloride
Concen: 48.997 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.8	99.7	149.5
51	35.9	29.9	44.9
86	63.4	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 46.943 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 263278

Ion Ratio Lower Upper

96 100

61 136.4 107.2 160.8

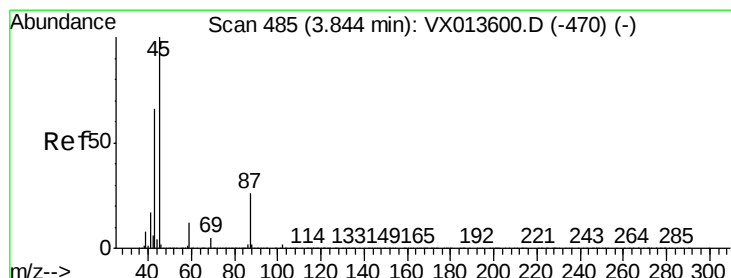
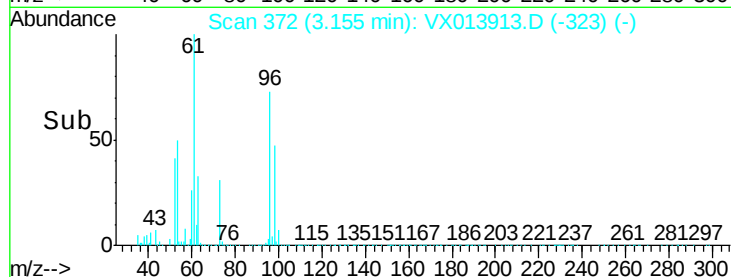
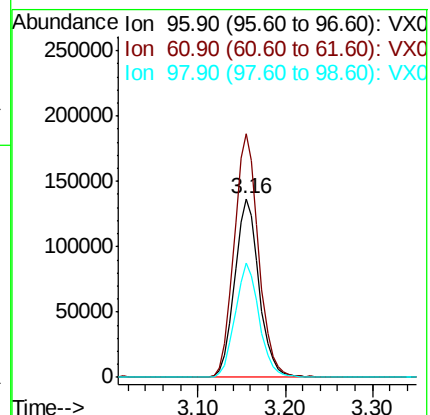
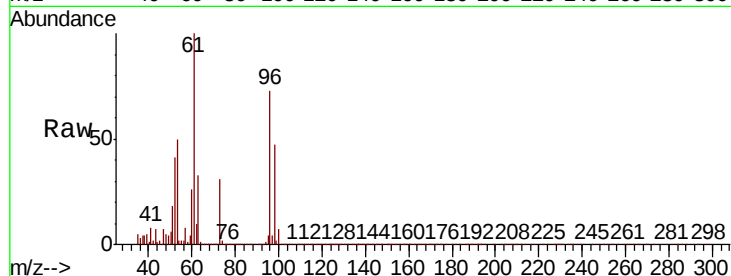
98 64.2 51.4 77.0

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#22

Diisopropyl ether

Concen: 52.068 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Tgt Ion: 45 Resp: 936693

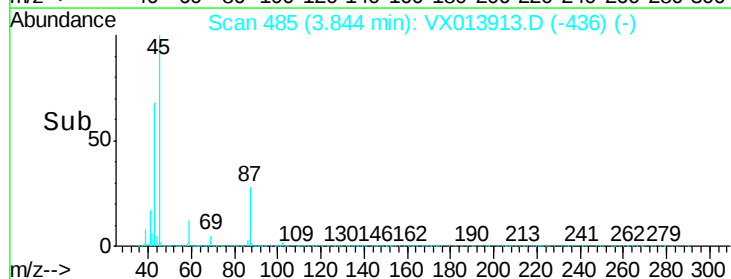
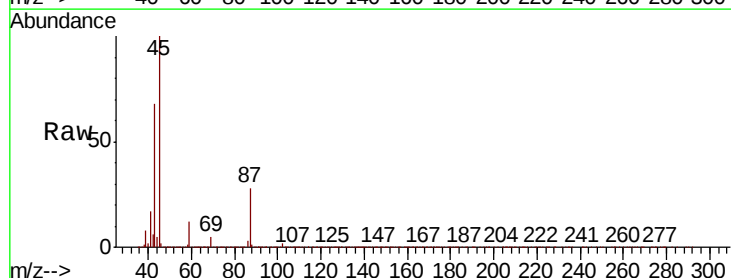
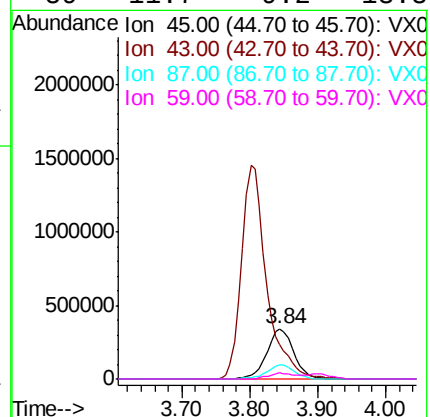
Ion Ratio Lower Upper

45 100

43 67.7 52.6 79.0

87 27.6 21.1 31.7

59 11.7 9.2 13.8





#23

Vinyl Acetate

Concen: 250.304 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3745965

Ion Ratio Lower Upper

43 100

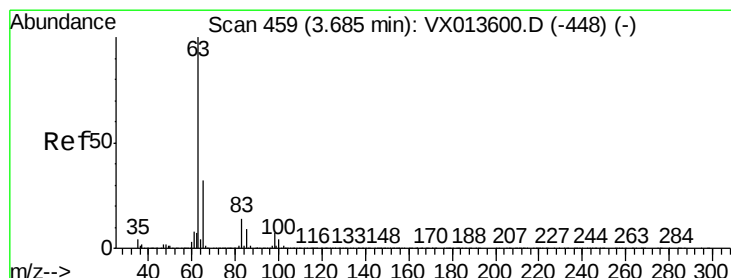
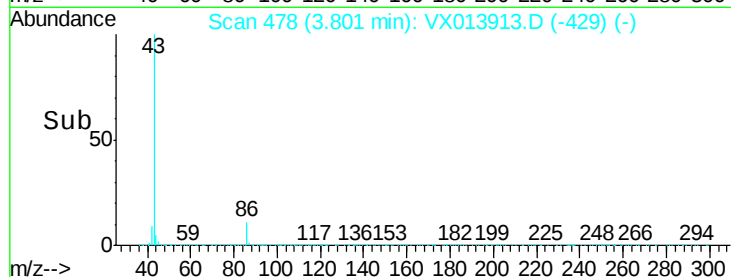
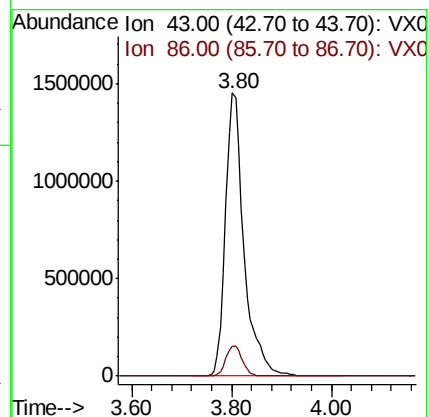
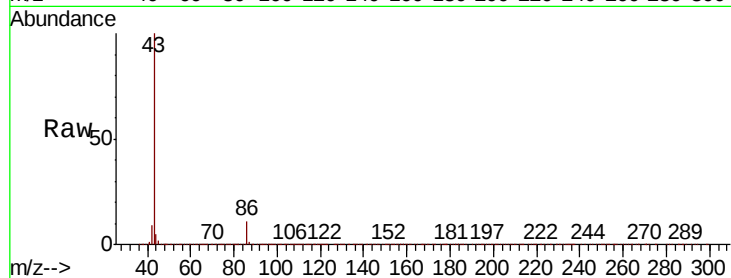
86 10.7 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 50.988 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

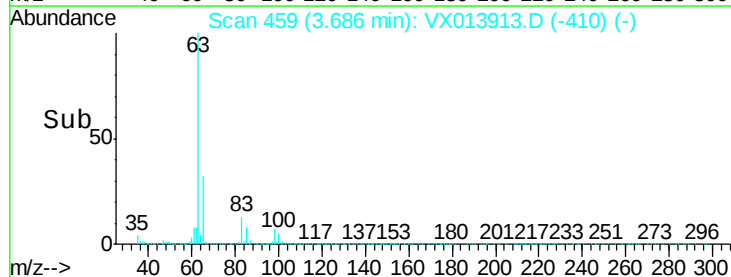
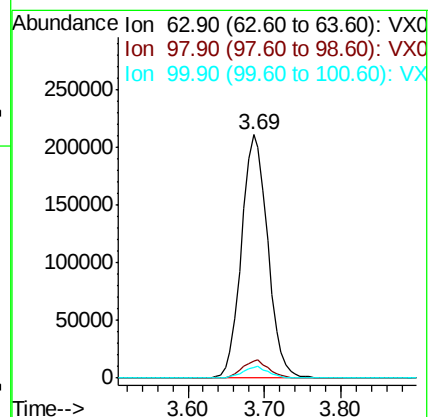
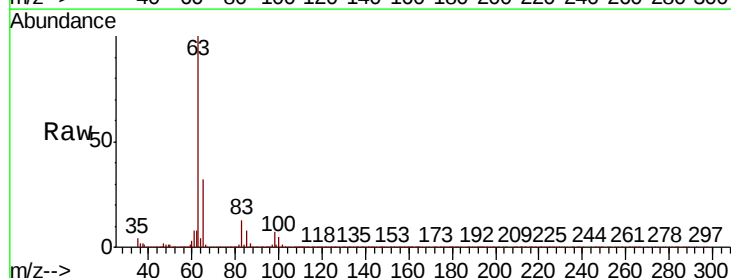
Tgt Ion: 63 Resp: 501435

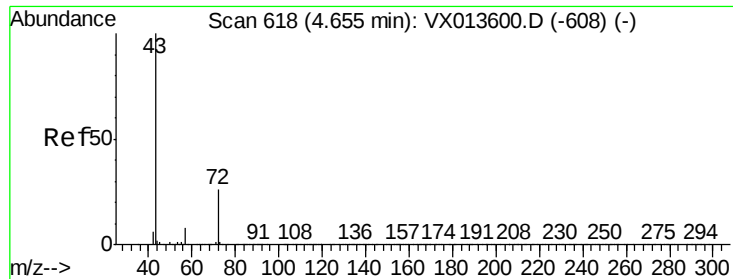
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.5 2.1 6.3





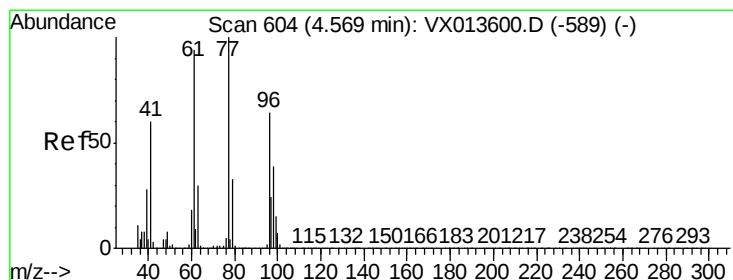
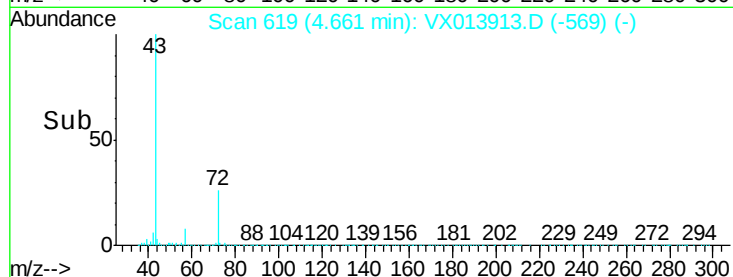
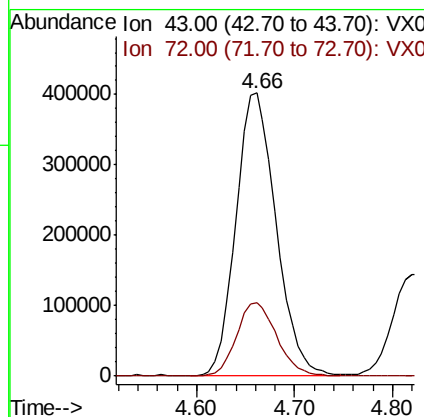
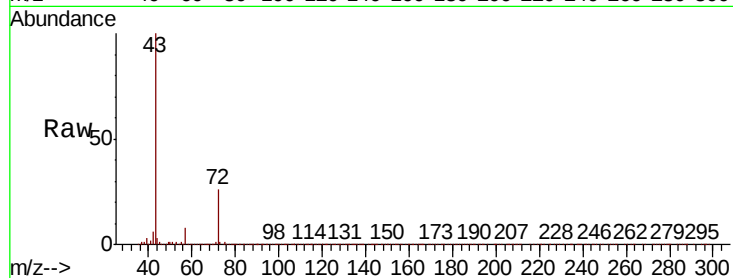
#25
2-Butanone
Concen: 247.095 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1138498
Ion Ratio Lower Upper
43 100
72 25.9 20.6 31.0

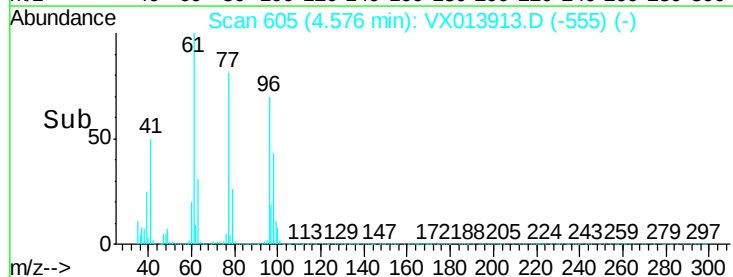
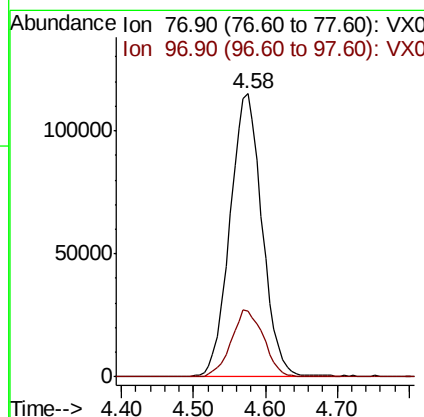
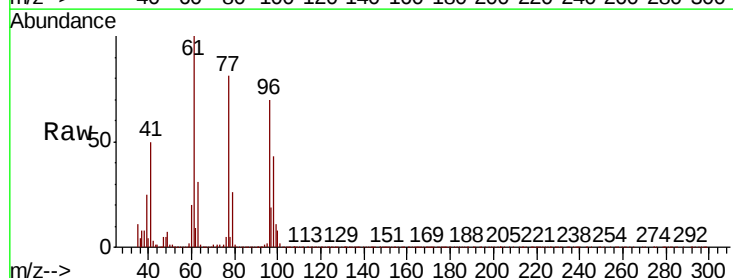
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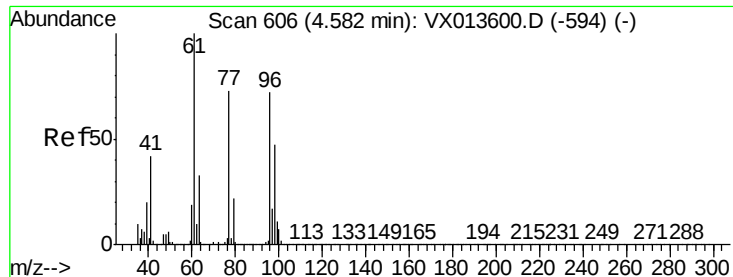
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#26
2,2-Dichloropropane
Concen: 43.528 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion: 77 Resp: 354173
Ion Ratio Lower Upper
77 100
97 23.8 12.0 36.1





#27

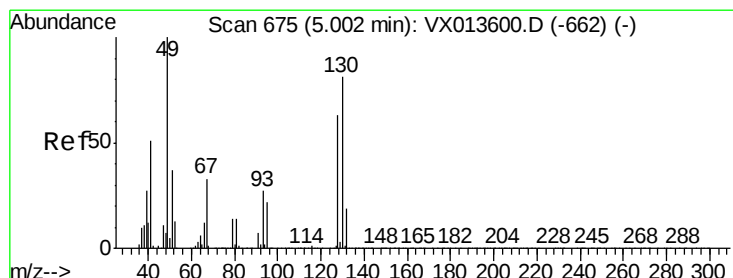
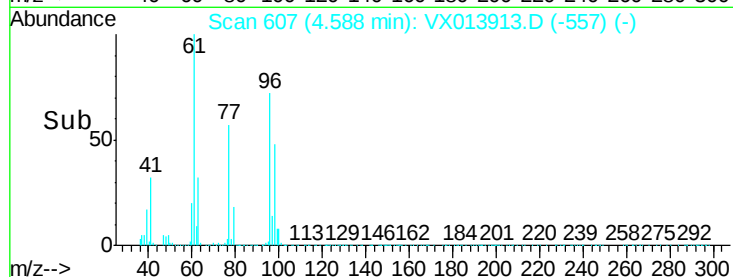
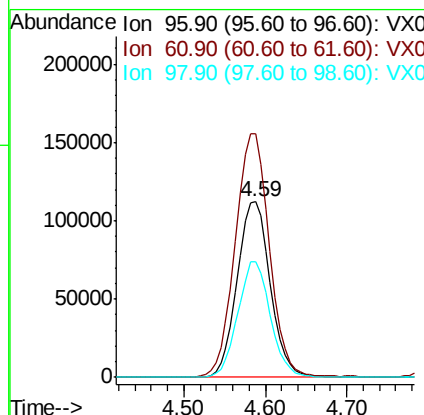
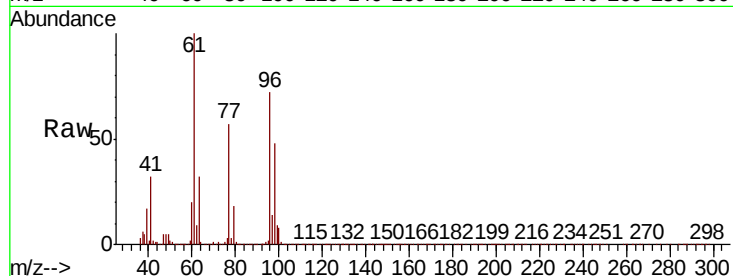
cis-1,2-Dichloroethene
Concen: 49.115 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	316339		
61	142.9	0.0	286.4	
98	64.7	0.0	127.4	

Manual Integrations
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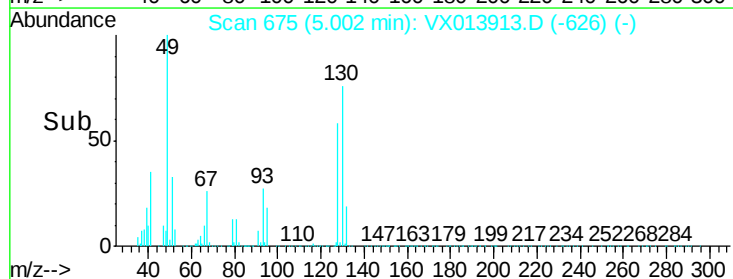
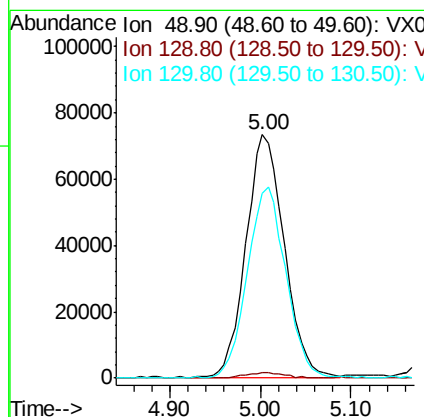
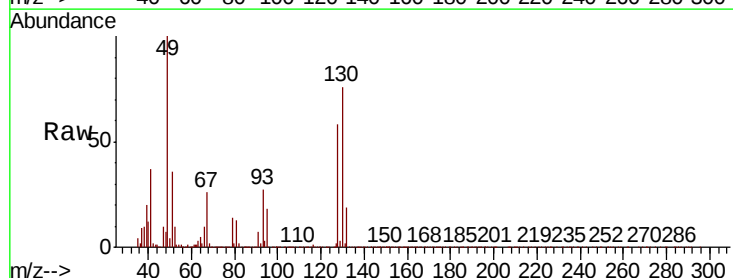
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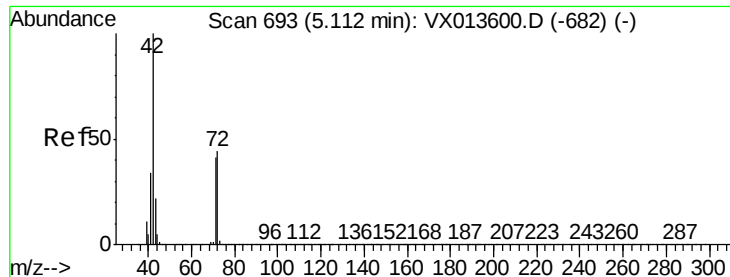


#28

Bromochloromethane
Concen: 54.836 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	213107		
129	2.3	0.0	5.0	
130	79.7	65.4	98.0	





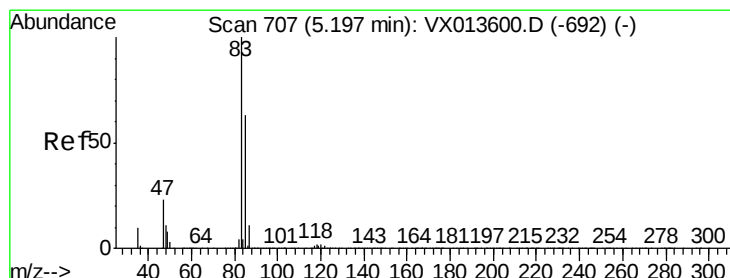
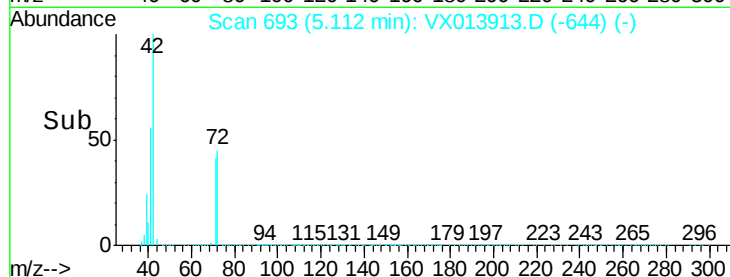
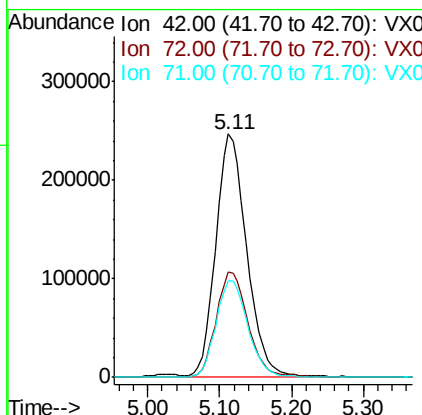
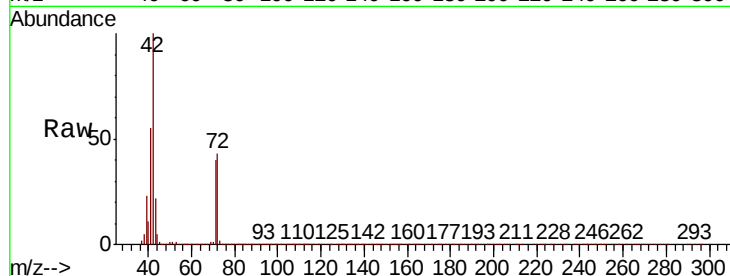
#29
Tetrahydrofuran
Concen: 257.136 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	36.3	54.5
71	41.7	33.2	49.8

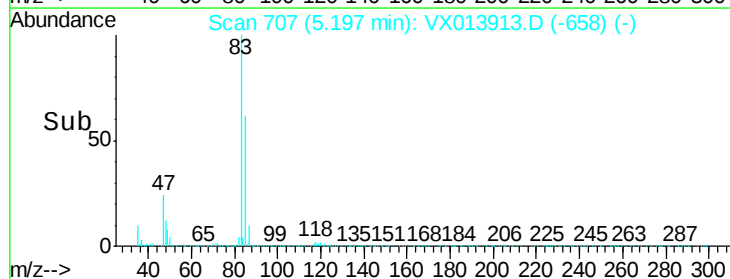
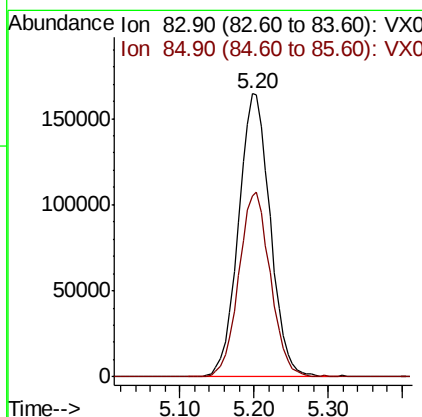
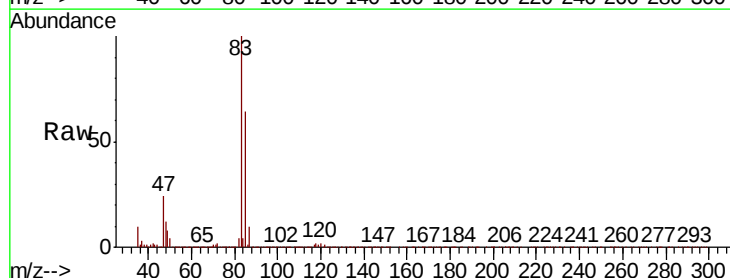
Manual Integrations
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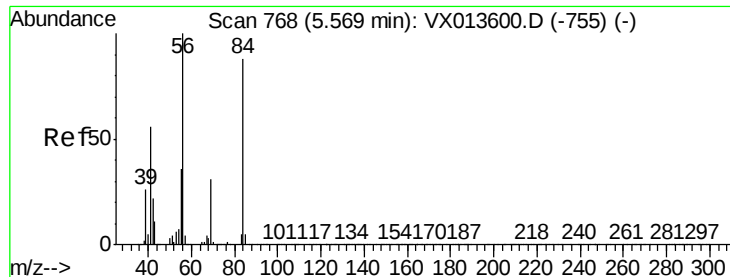
apatel
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#30
Chloroform
Concen: 49.234 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.2	75.4





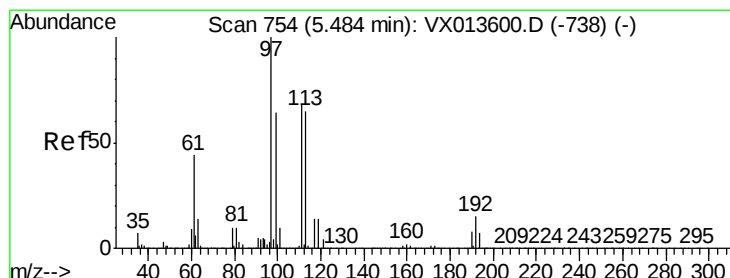
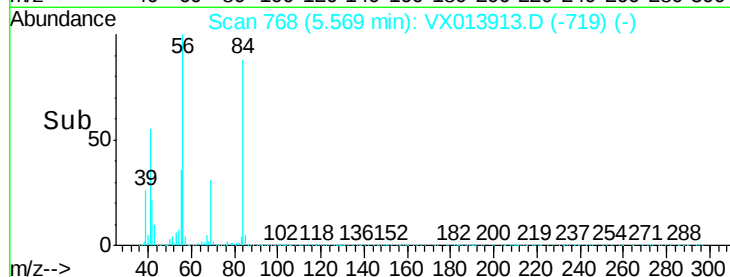
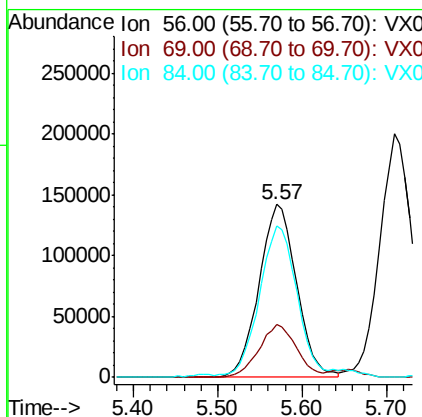
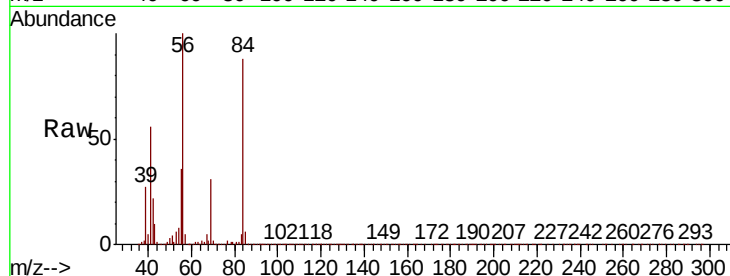
#31
Cyclohexane
Concen: 46.857 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.6	36.8
84	86.6	70.0	105.0

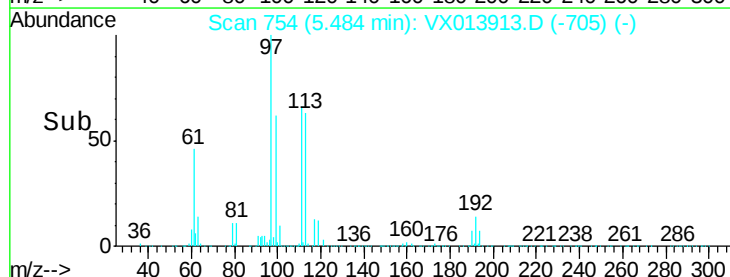
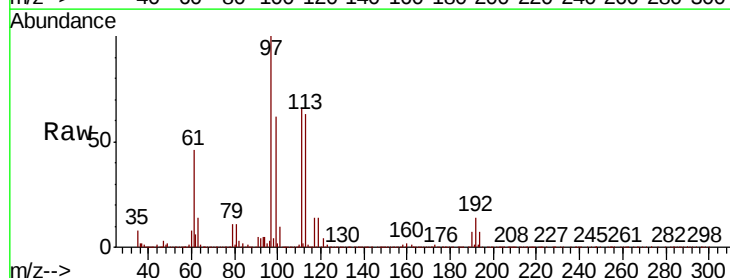
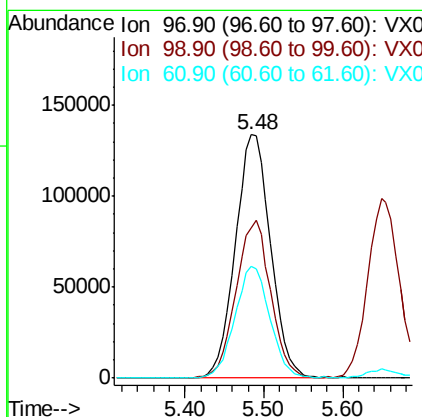
Manual Integrations
APPROVED

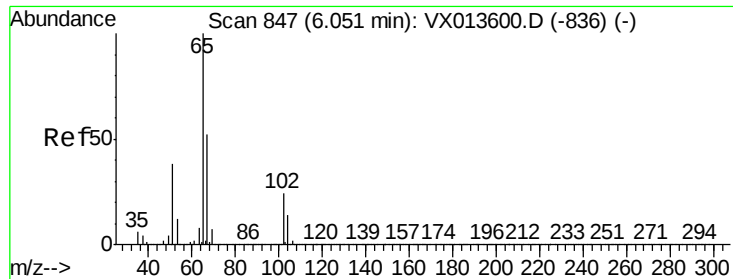
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#32
1,1,1-Trichloroethane
Concen: 49.801 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	45.3	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 48.099 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 302034

Ion Ratio Lower Upper

65 100

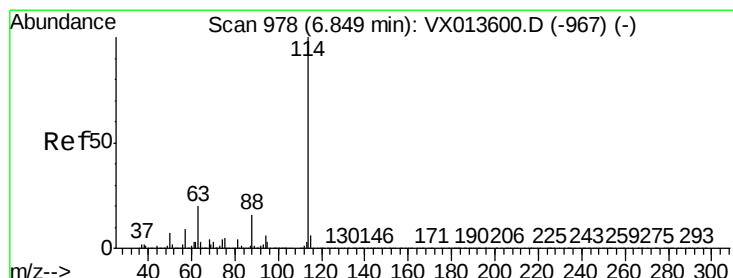
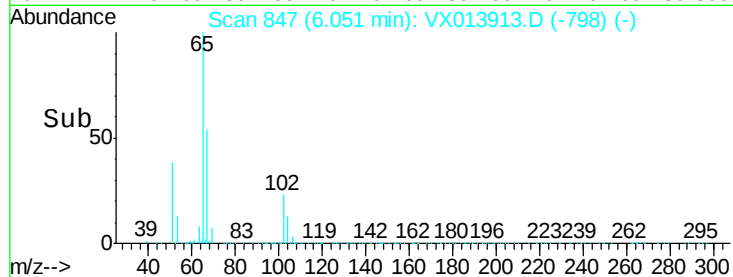
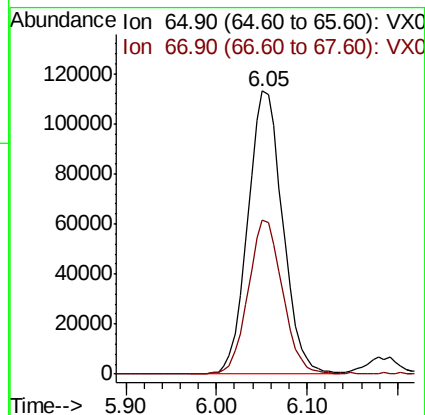
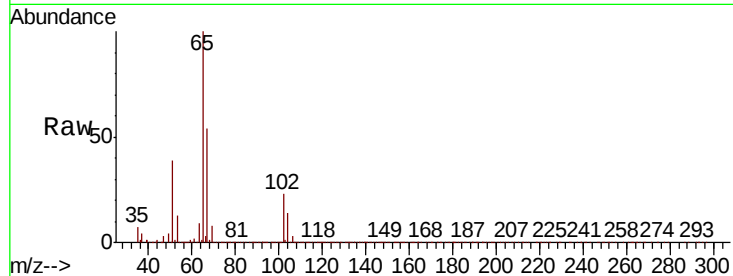
67 53.5 0.0 104.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

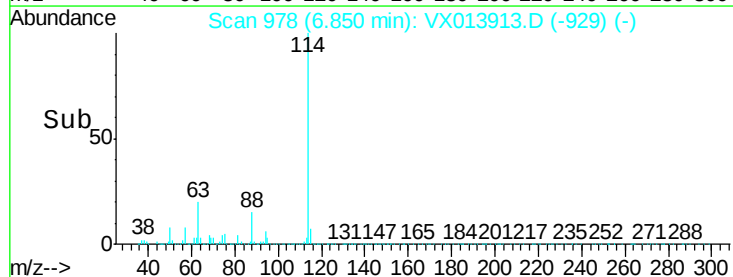
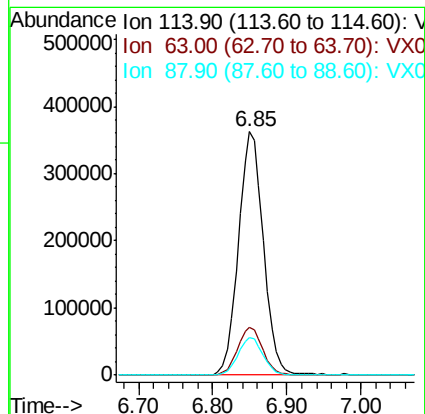
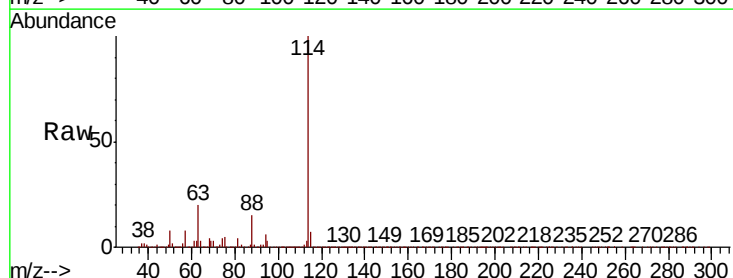
Tgt Ion: 114 Resp: 853144

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.909 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

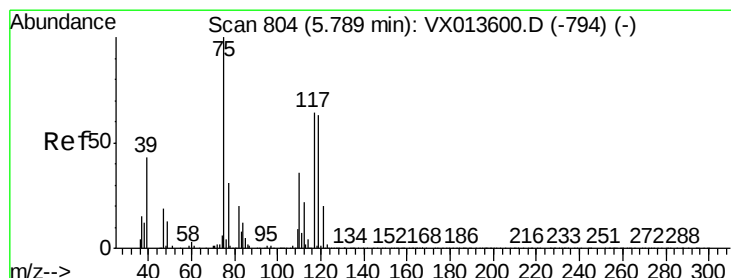
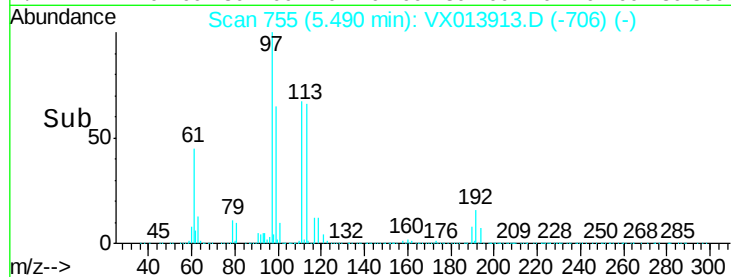
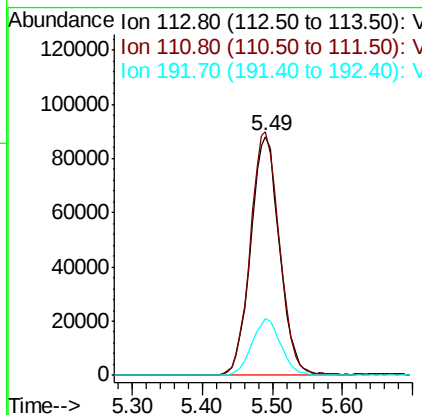
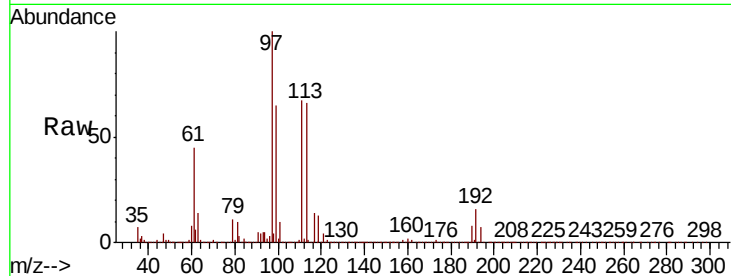
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	252681
Ion Ratio	Lower	Upper	
113	100		
111	103.0	83.6	125.4
192	23.7	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.790 ug/l

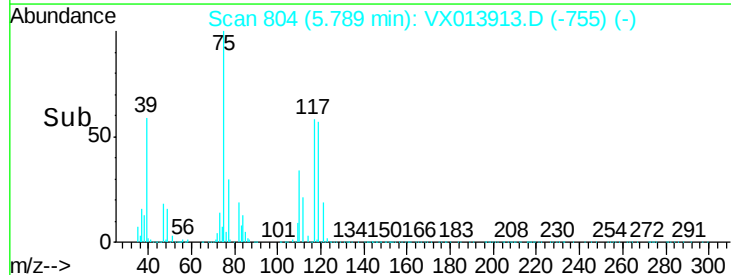
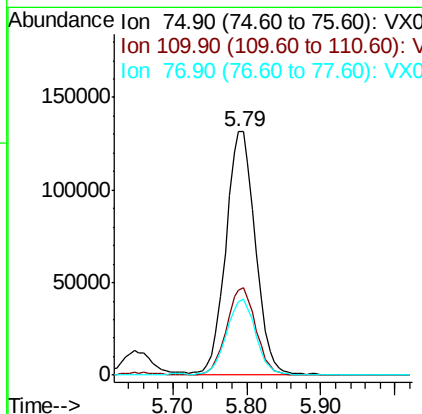
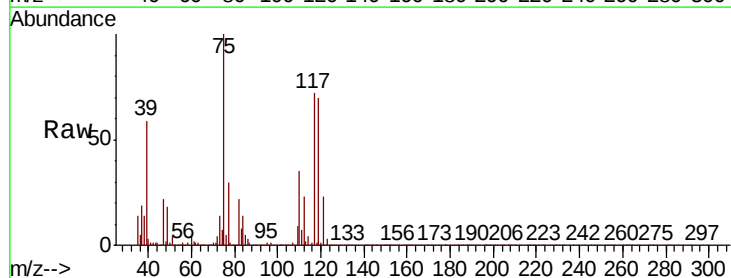
RT: 5.79 min Scan# 804

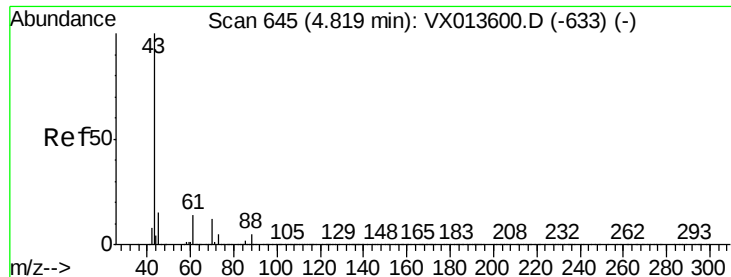
Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Tgt Ion:	75	Resp:	362365
Ion Ratio	Lower	Upper	
75	100		
110	35.6	18.1	54.1
77	30.6	24.5	36.7





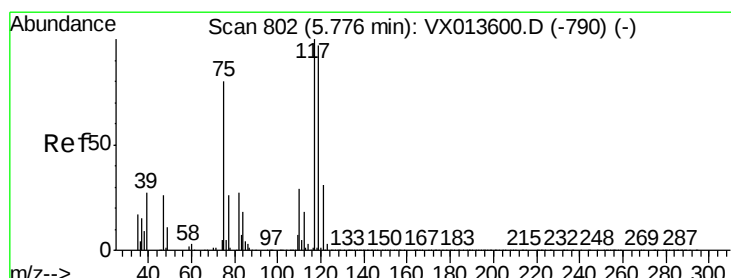
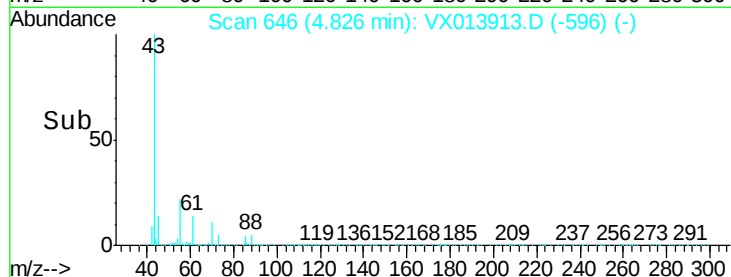
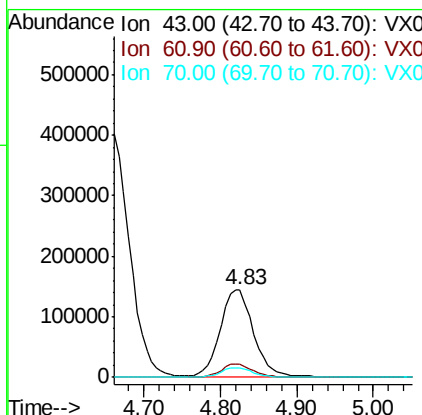
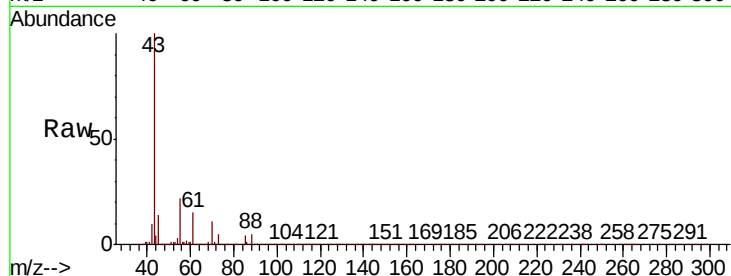
#37
Ethyl Acetate
Concen: 49.896 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	433500
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	10.5	8.6	12.8

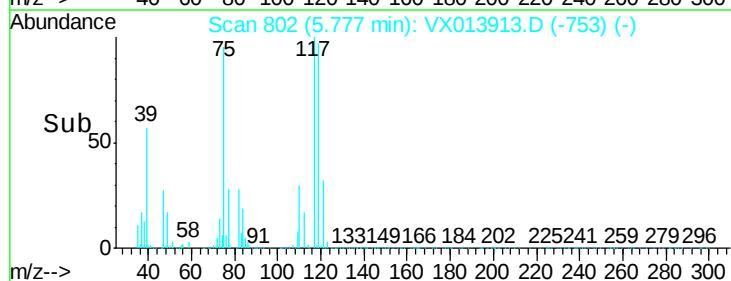
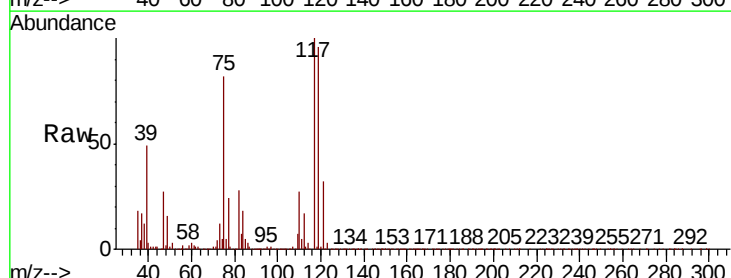
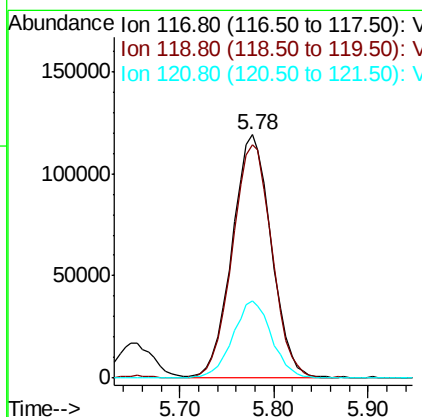
Manual Integrations
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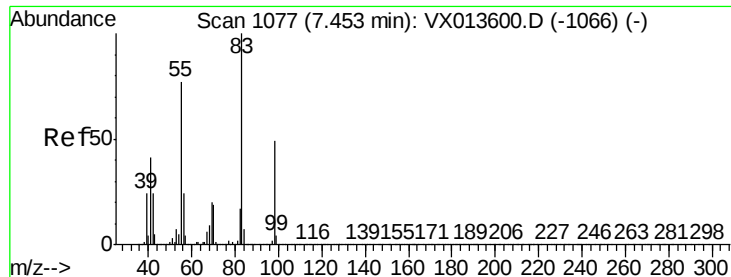
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#38
Carbon Tetrachloride
Concen: 48.190 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion:	117	Resp:	344124
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.5	116.3
121	31.5	25.0	37.6





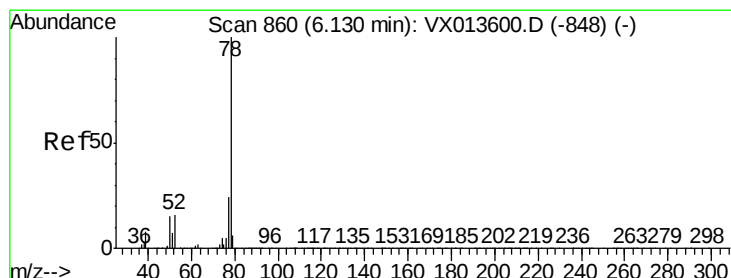
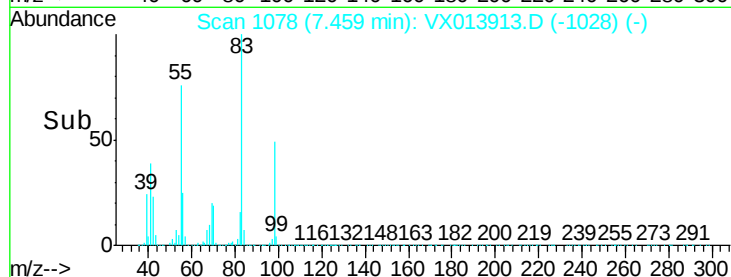
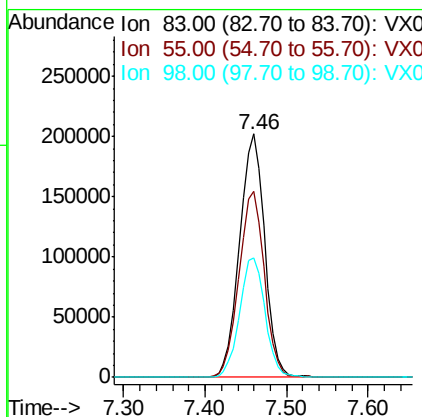
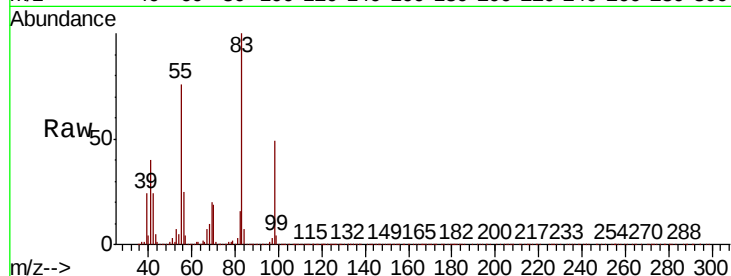
#39
Methvlcvclohexane
Concen: 45.044 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.2	61.9	92.9
98	48.8	39.4	59.0

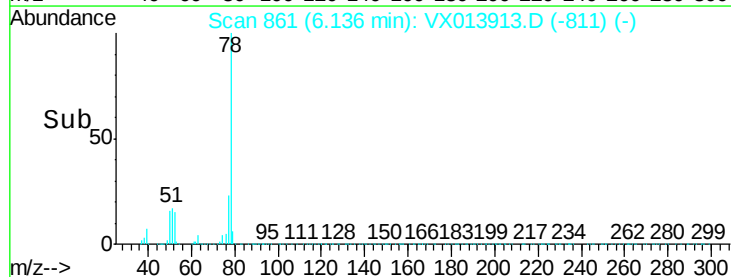
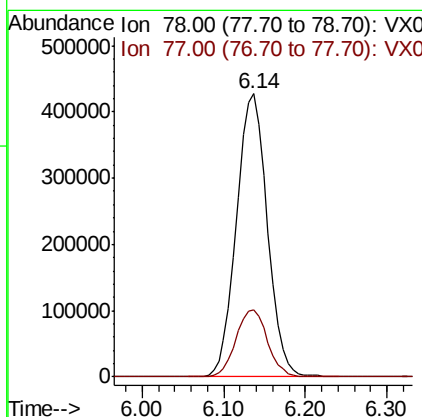
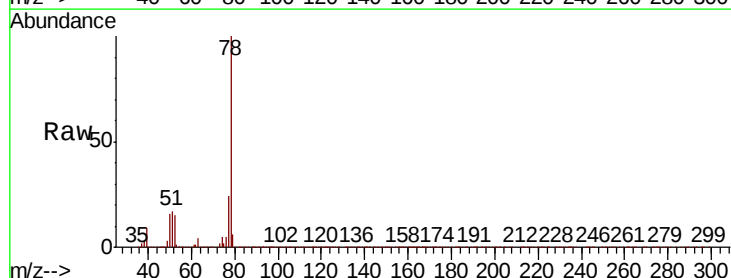
Manual Integrations
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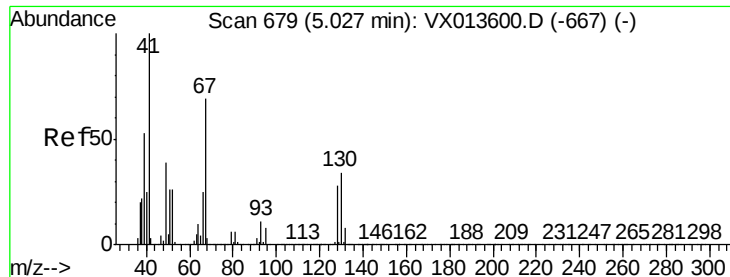
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#40
Benzene
Concen: 47.512 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4





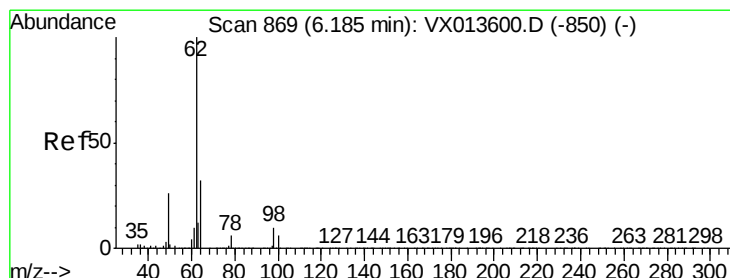
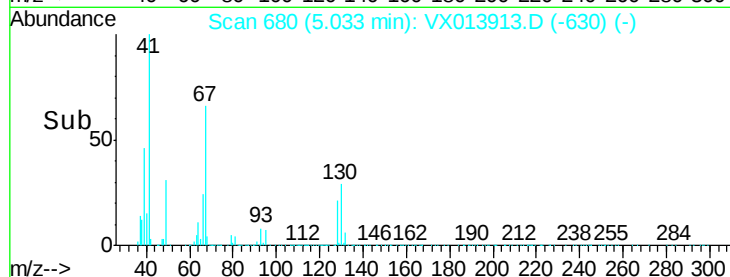
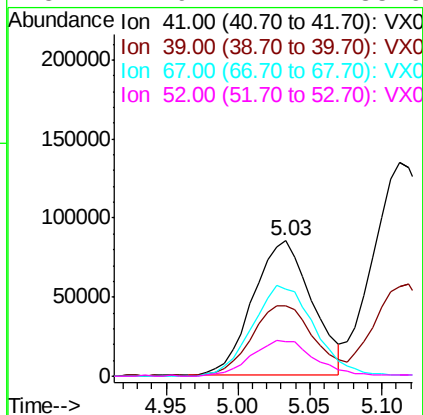
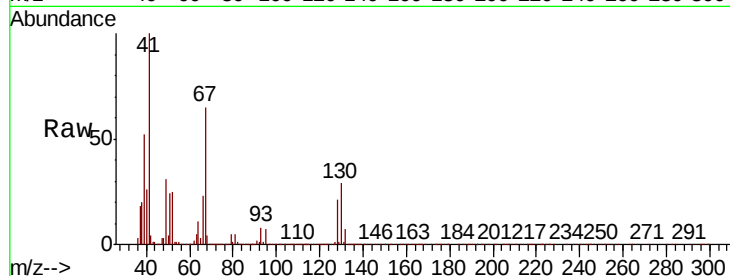
#41
Methacrylonitrile
Concen: 51.171 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.5	42.9	64.3		
67	71.1	57.4	86.0		
52	27.9	22.4	33.6		

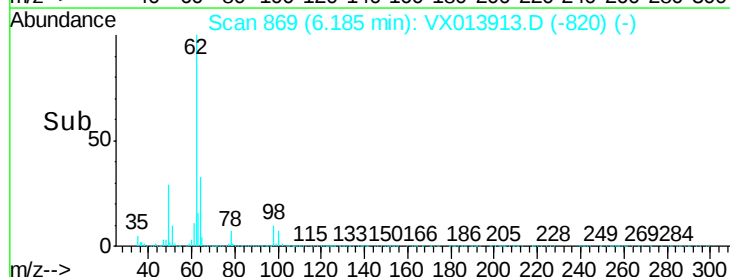
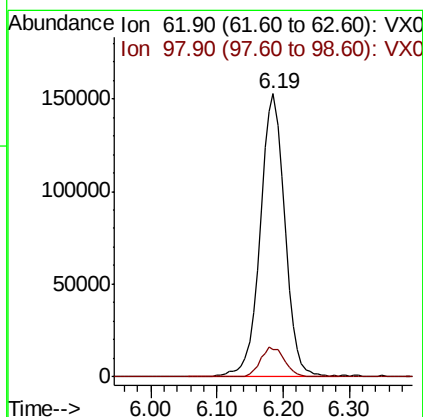
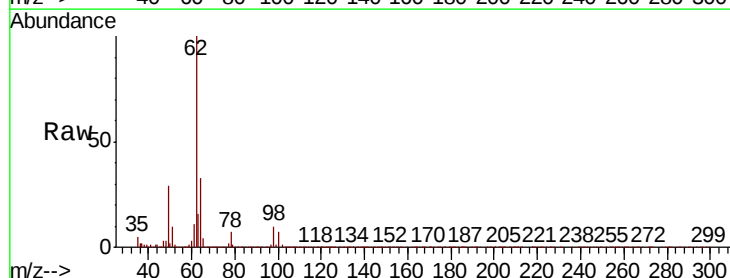
Manual Integrations
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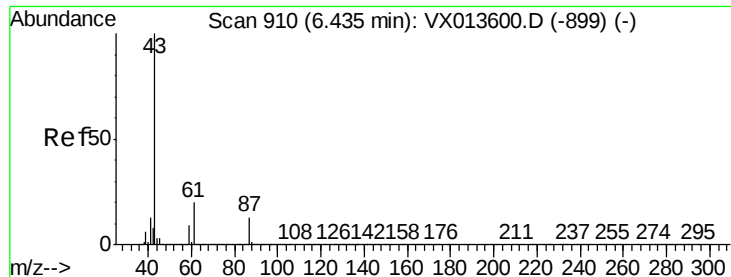
apatel
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#42
1,2-Dichloroethane
Concen: 49.157 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.3	0.0	20.8		





#43

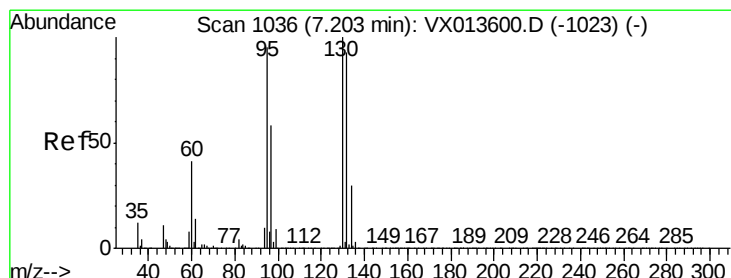
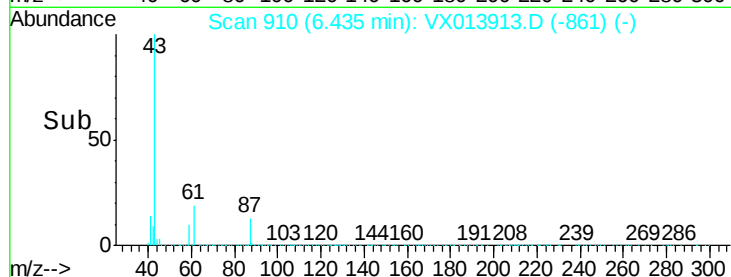
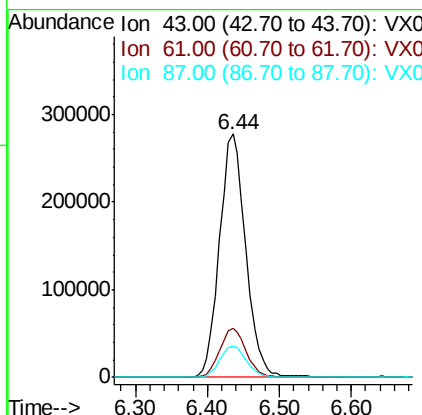
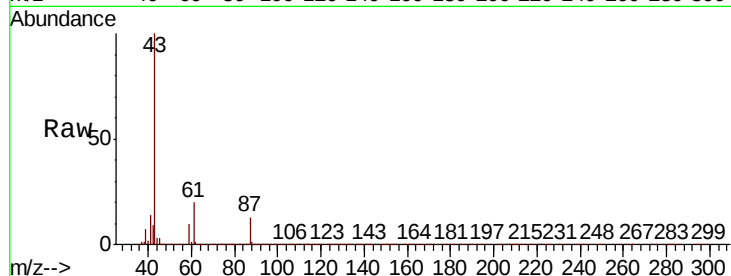
Isopropyl Acetate
 Concen: 48.997 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013913.D
 Acq: 10 Dec 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	43	Resp:	700818
Ion Ratio		Lower	Upper
43	100		
61	20.3	16.3	24.5
87	13.0	10.8	16.2

Manual Integrations
 APPROVED

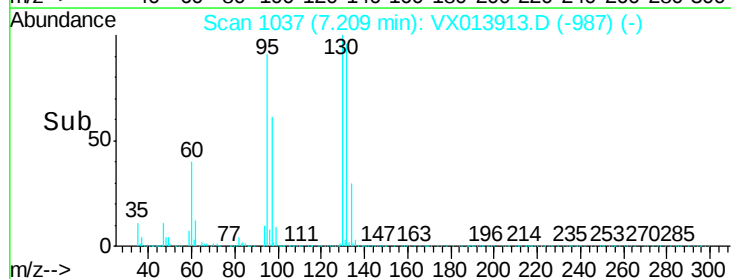
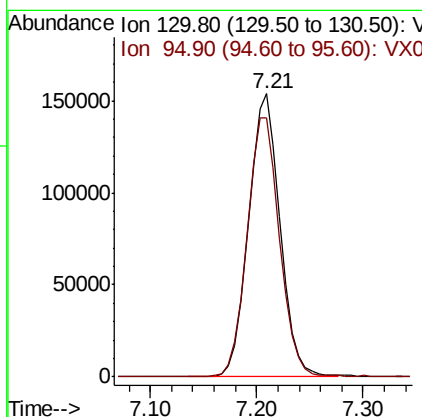
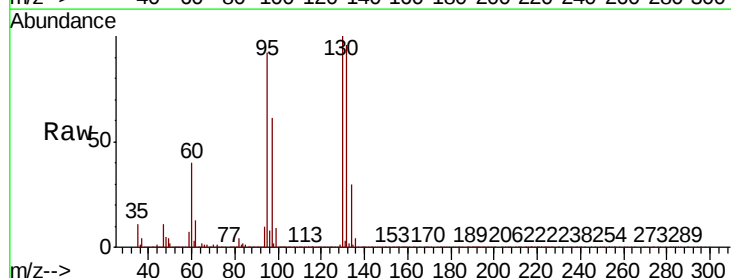
apatel
 12/11/2019 2:14:28 PM



#44

Trichloroethene
 Concen: 49.168 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013913.D
 Acq: 10 Dec 2019 21:03

Tgt Ion:	130	Resp:	318284
Ion Ratio		Lower	Upper
130	100		
95	91.3	0.0	190.8





#45

1,2-Dichloropropane

Concen: 50.841 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 300034

Ion Ratio Lower Upper

63 100

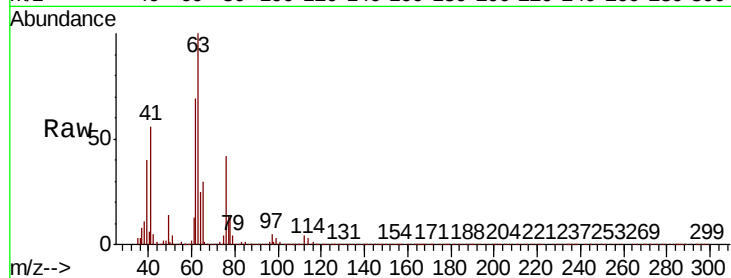
65 29.8 25.5 38.3

Manual Integrations

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apatel

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

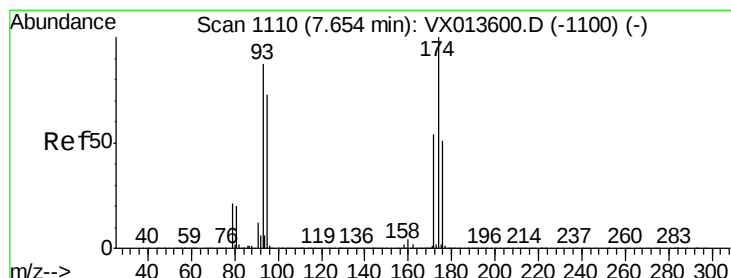
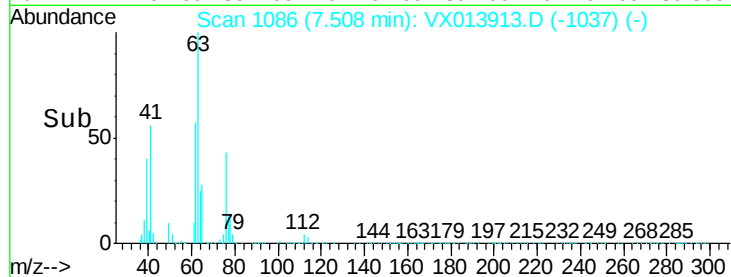
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 47.727 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

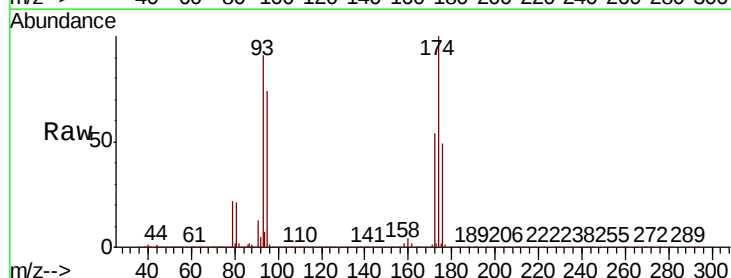
Tgt Ion: 93 Resp: 191292

Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.2

174 115.7 93.4 140.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

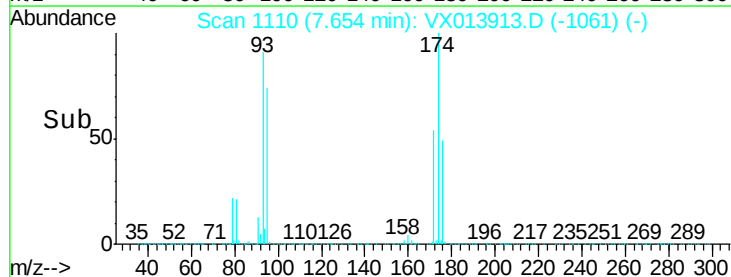
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Time-->





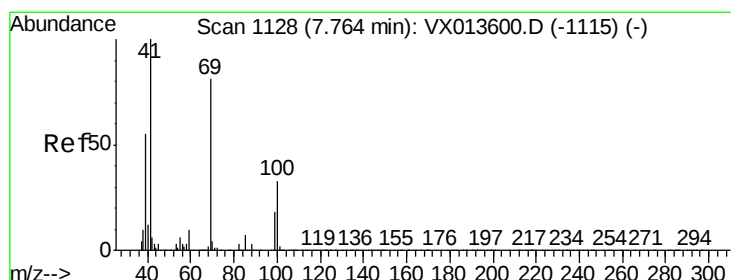
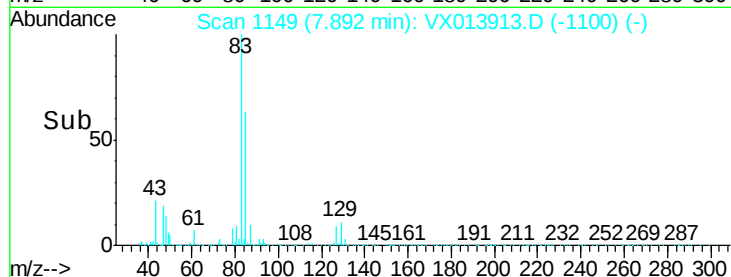
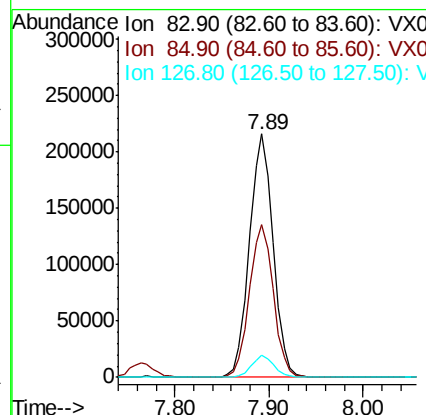
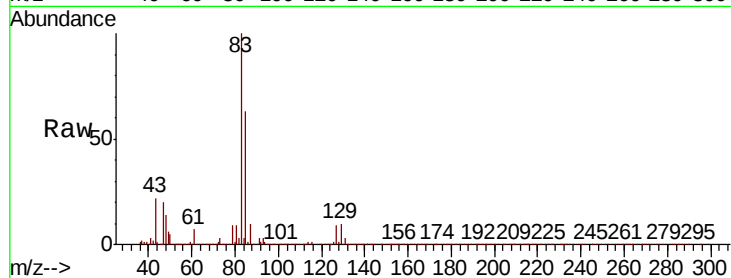
#47
Bromodichloromethane
Concen: 50.110 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.1	78.1
127	9.0	7.0	10.4

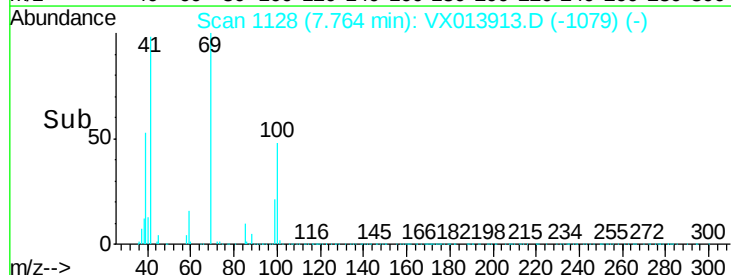
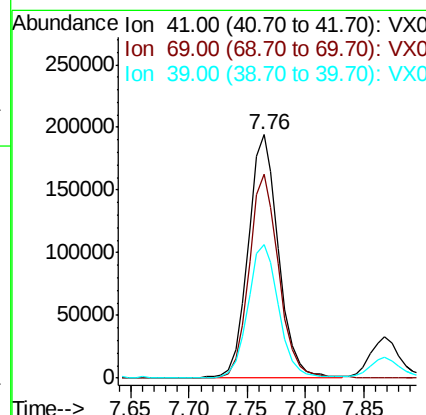
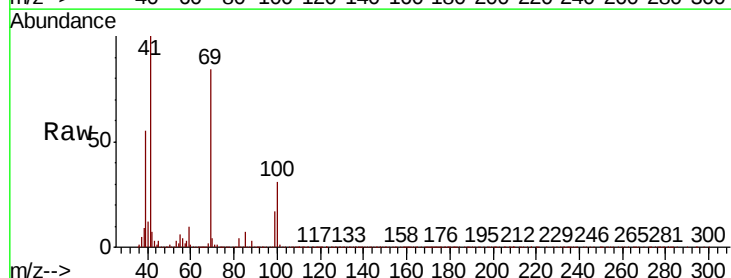
Manual Integrations
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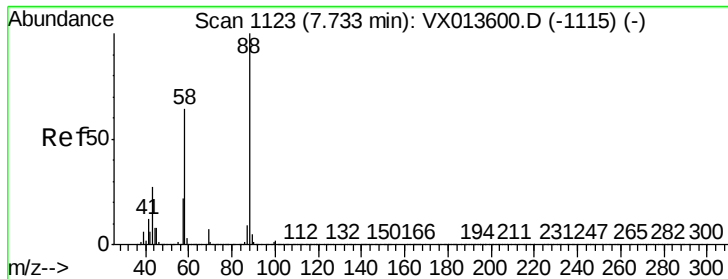
apatel
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#48
Methyl methacrylate
Concen: 50.614 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.9	64.7	97.1
39	55.7	43.8	65.6





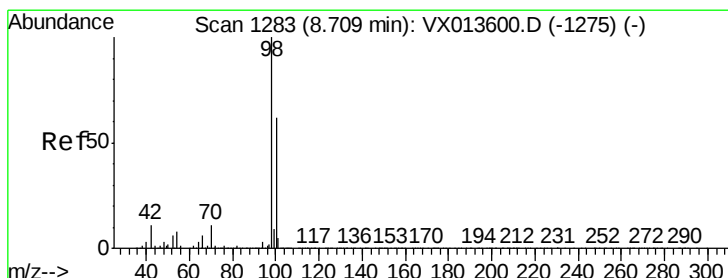
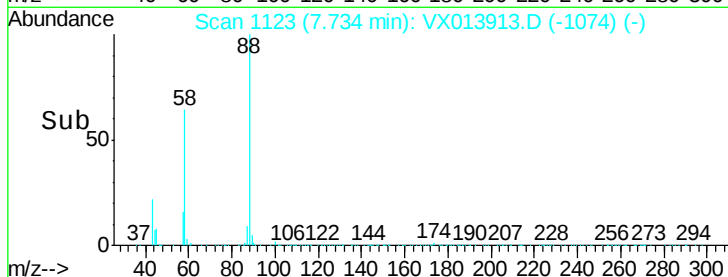
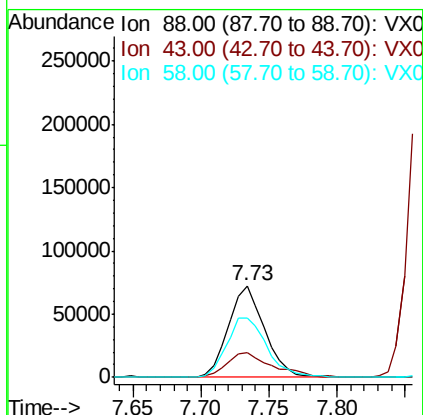
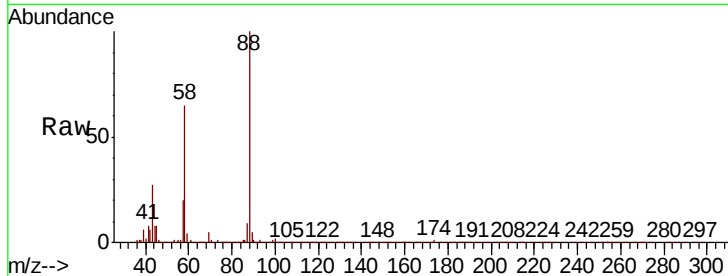
#49
1,4-Dioxane
Concen: 849.992 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	25.8	38.6
58	73.2	54.6	82.0

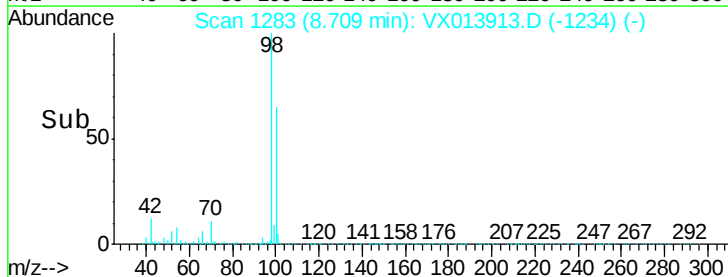
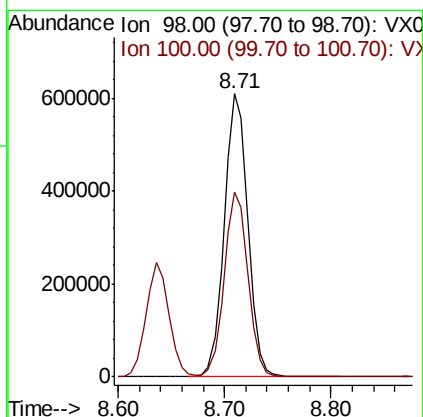
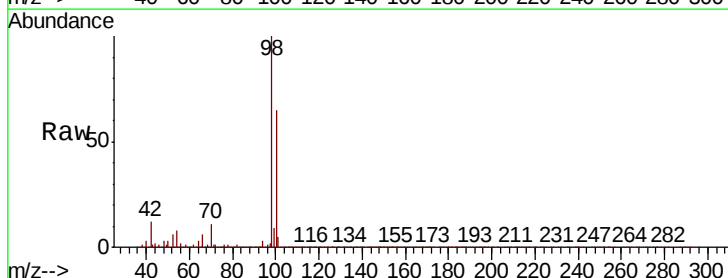
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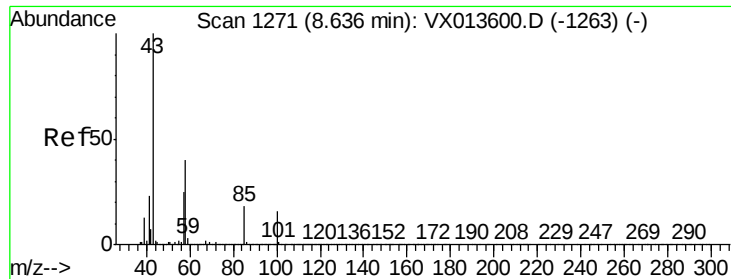
apatel
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#50
Toluene-d8
Concen: 45.928 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7





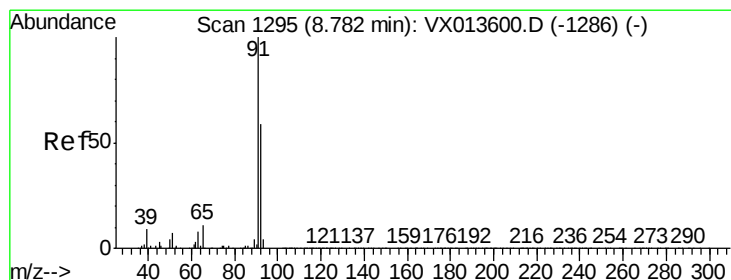
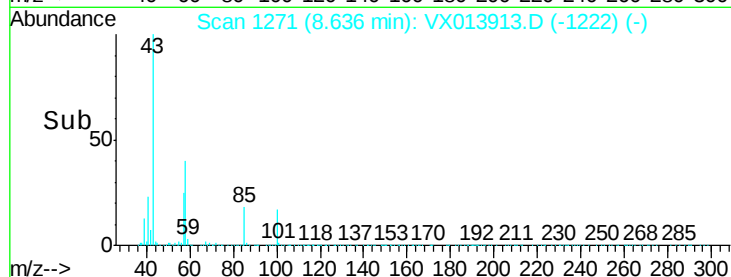
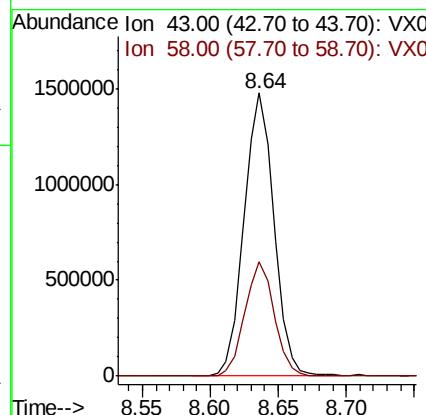
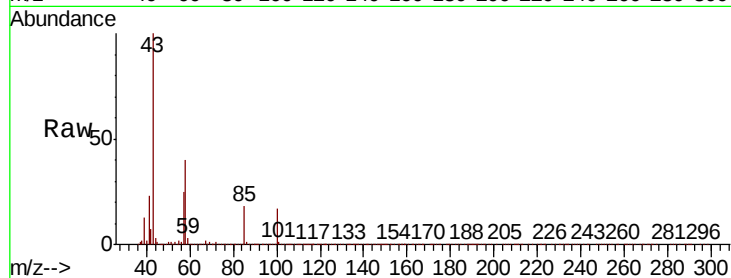
#51
4-Methyl-2-Pentanone
Concen: 252.439 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2271221
Ion Ratio Lower Upper
43 100
58 39.8 32.1 48.1

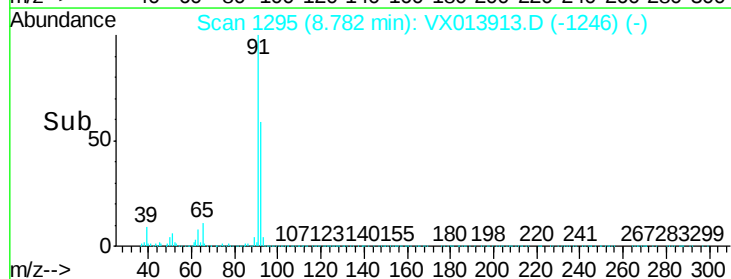
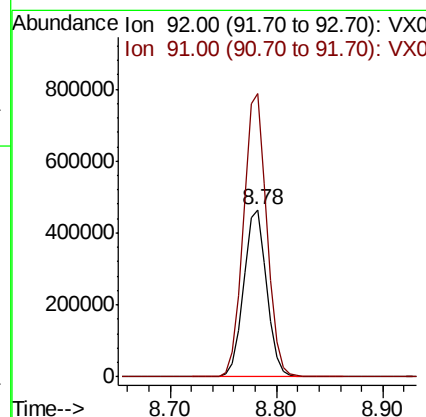
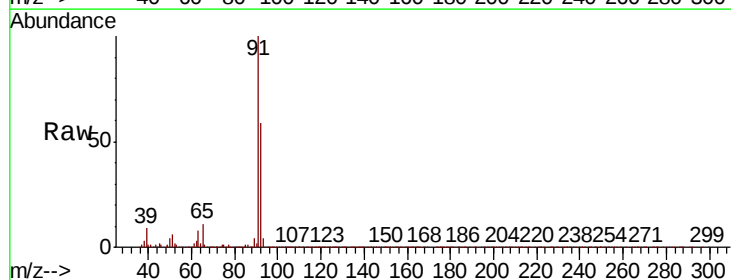
Manual Integrations
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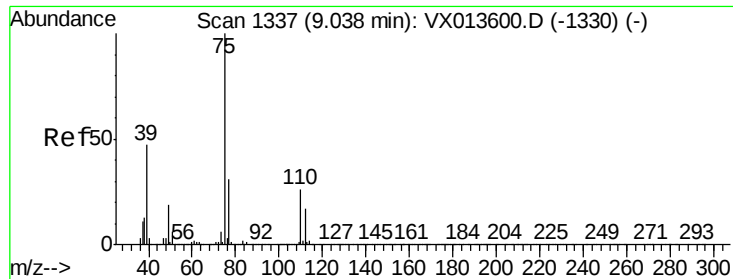
apatel
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#52
Toluene
Concen: 48.152 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion: 92 Resp: 705570
Ion Ratio Lower Upper
92 100
91 171.2 136.2 204.2





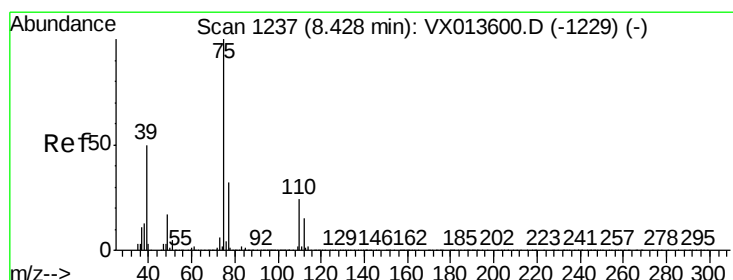
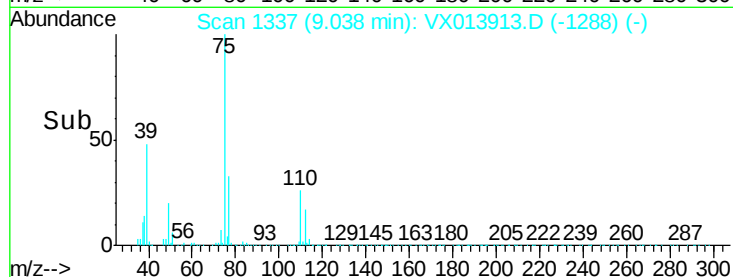
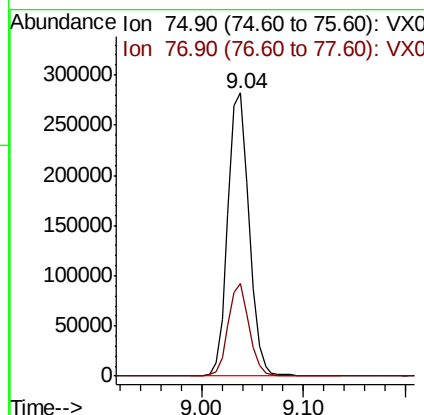
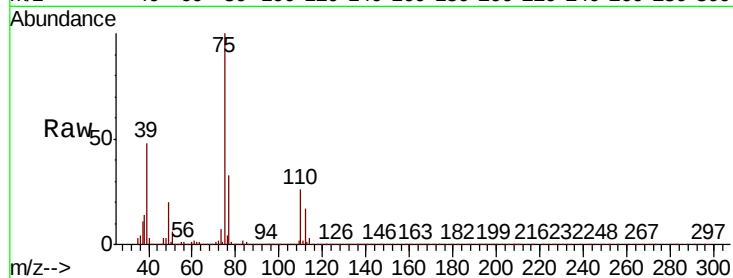
#53
t-1,3-Dichloropropene
Concen: 47.237 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	24.4	36.6

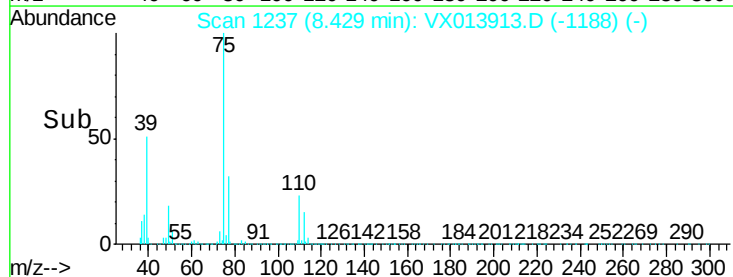
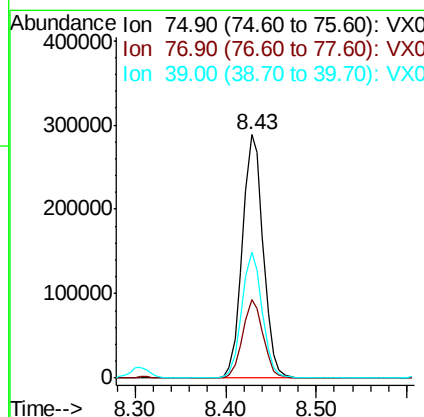
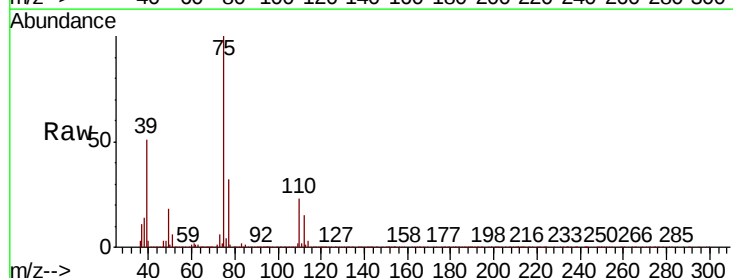
Manual Integrations
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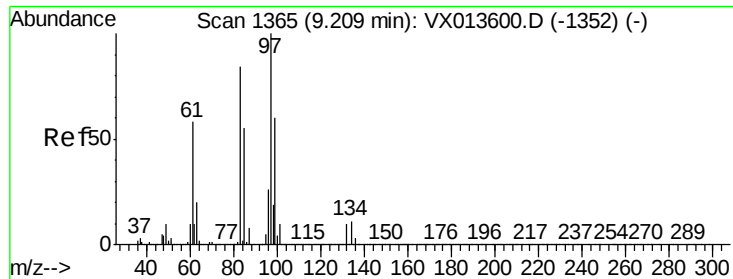
apatel
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#54
cis-1,3-Dichloropropene
Concen: 48.759 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.6
39	51.3	39.9	59.9





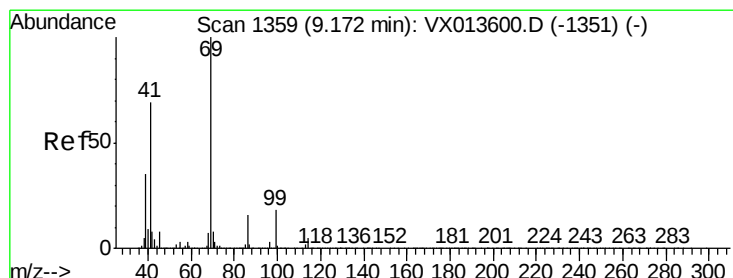
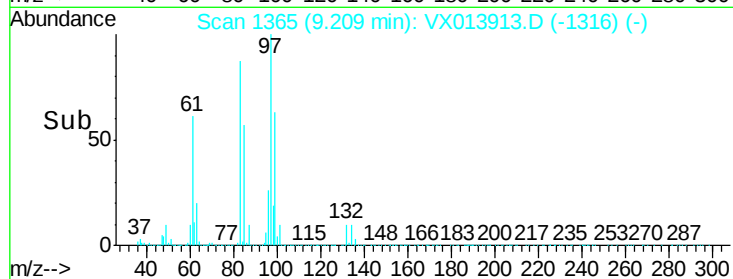
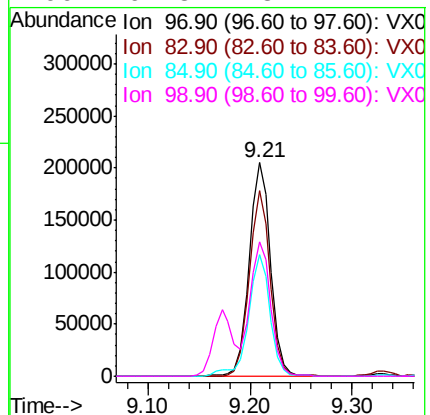
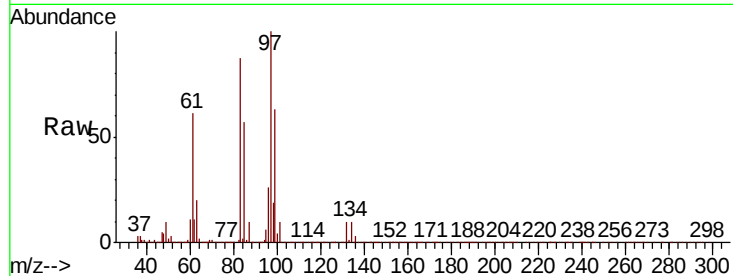
#55
1,1,2-Trichloroethane
Concen: 50.428 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		297776		
83	87.2	67.3	100.9		
85	56.9	43.6	65.4		
99	62.8	48.2	72.4		

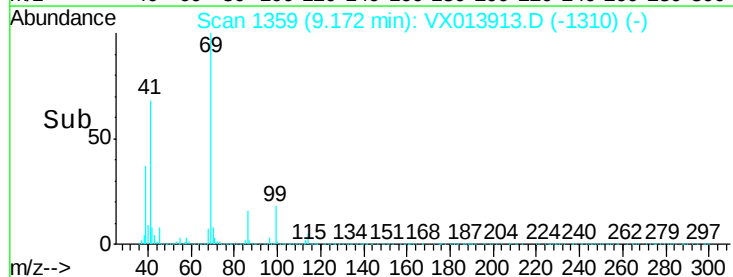
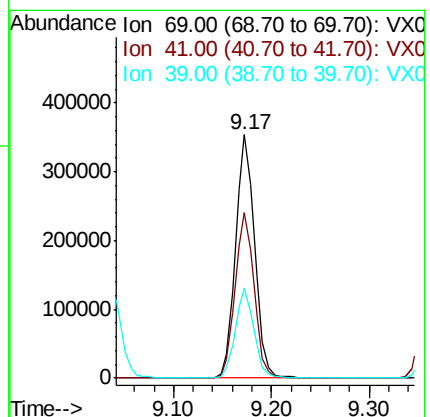
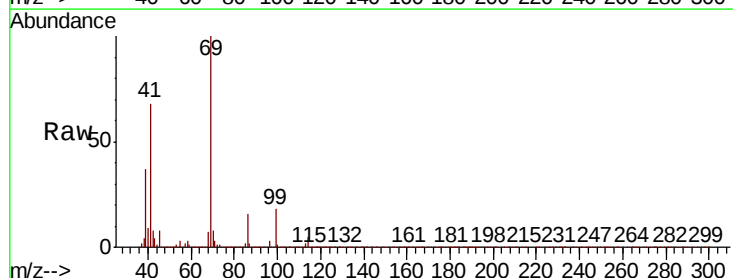
Manual Integrations
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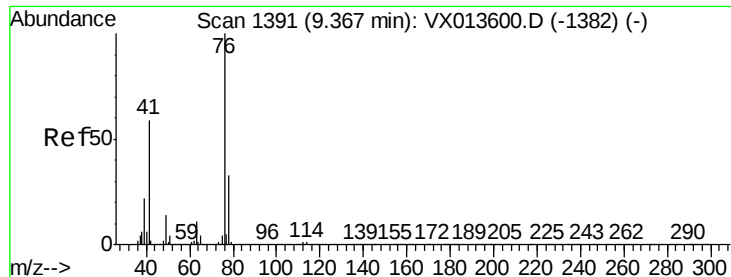
apatel
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#56
Ethyl methacrylate
Concen: 50.214 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		476709		
41	67.8	55.0	82.4		
39	35.8	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 49.426 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 503064

Ion Ratio Lower Upper

76 100

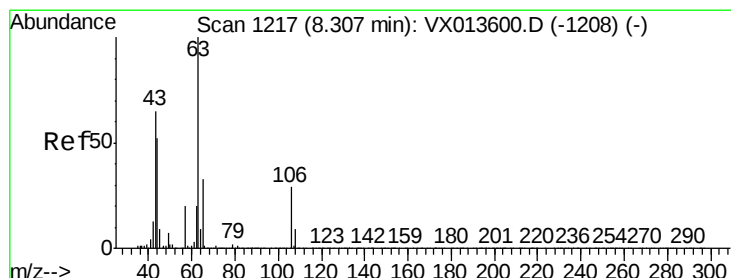
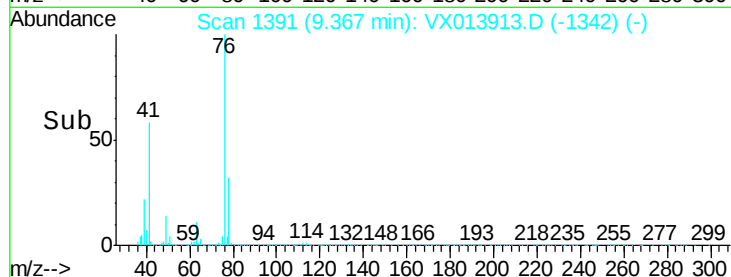
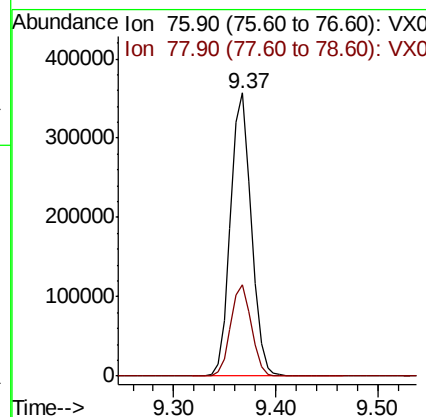
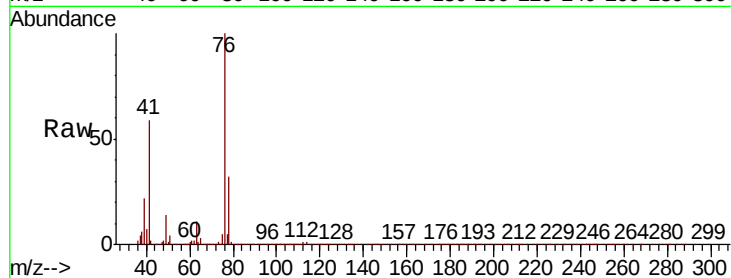
78 32.5 26.0 39.0

Manual Integrations

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apatel

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#58

2-Chloroethyl Vinyl ether

Concen: 243.972 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013913.D

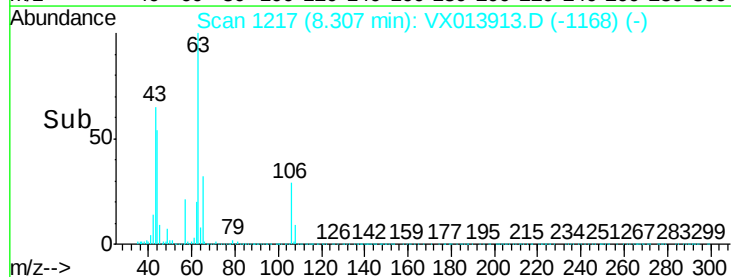
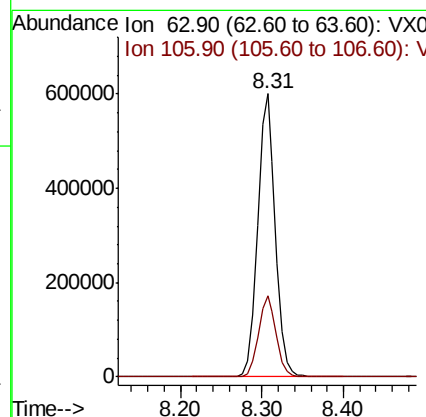
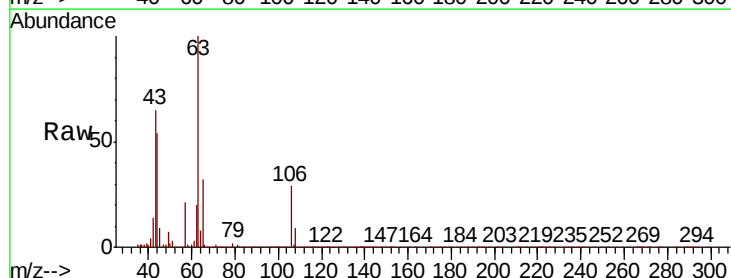
Acq: 10 Dec 2019 21:03

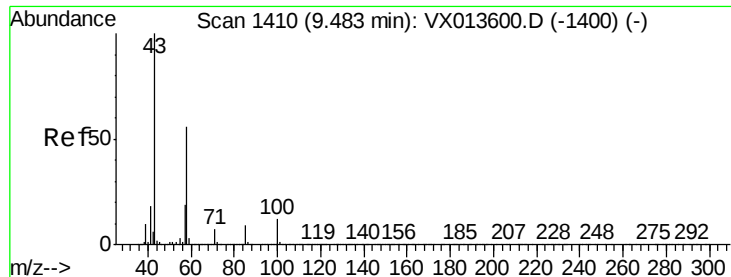
Tgt Ion: 63 Resp: 908116

Ion Ratio Lower Upper

63 100

106 28.9 23.4 35.0





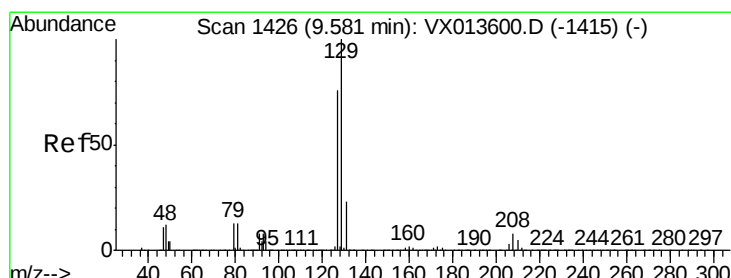
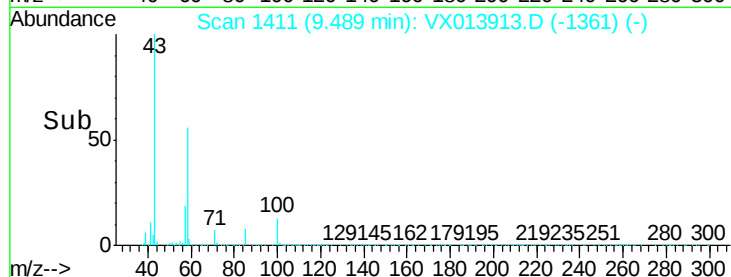
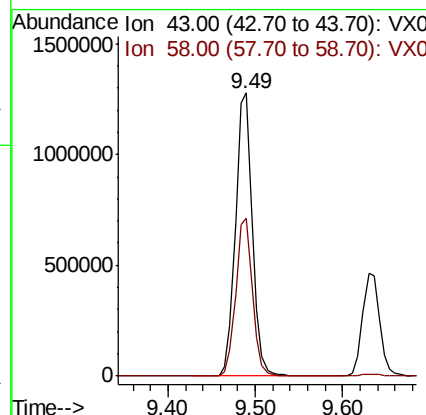
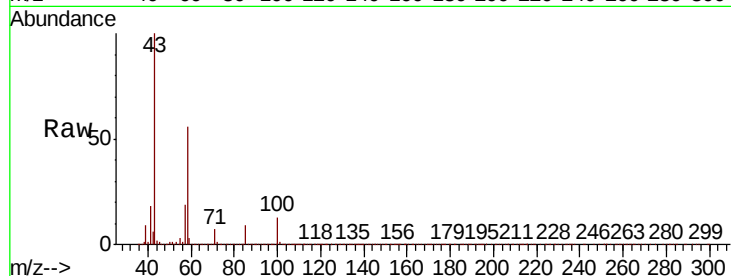
#59
2-Hexanone
Concen: 246.637 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1730670
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.4

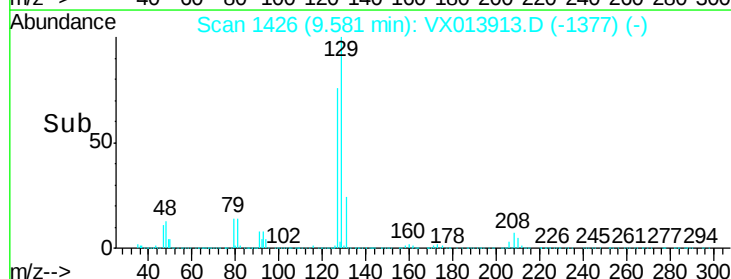
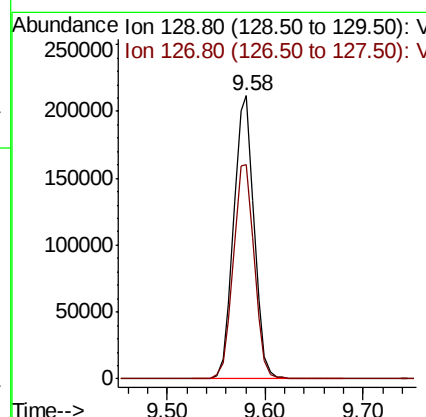
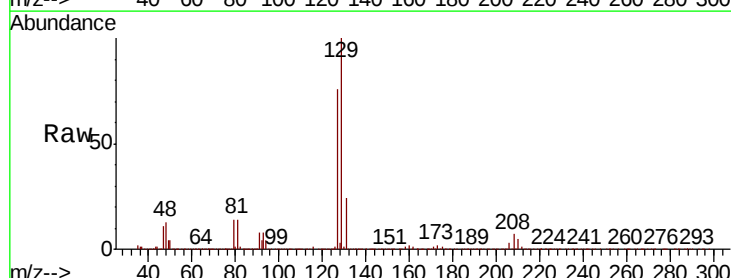
Manual Integrations
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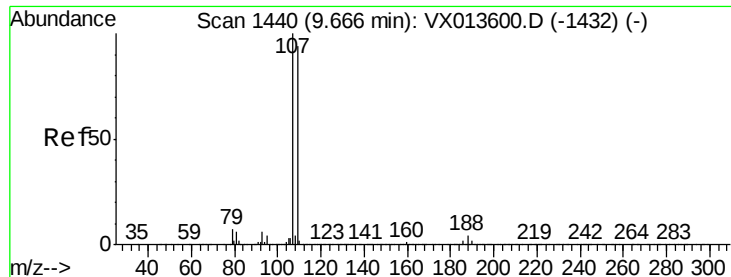
apatel
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#60
Dibromochloromethane
Concen: 49.796 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion: 129 Resp: 305155
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.687 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 307054

Ion Ratio Lower Upper

107 100

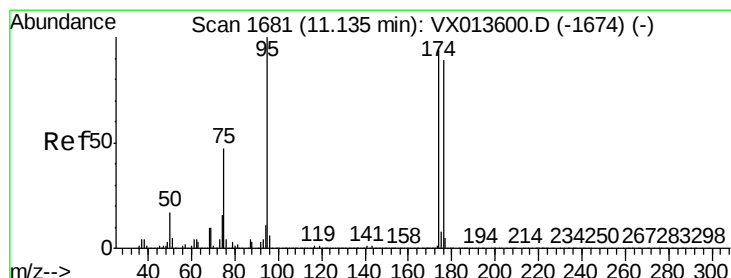
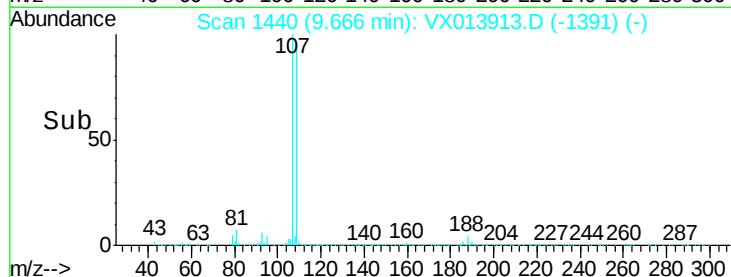
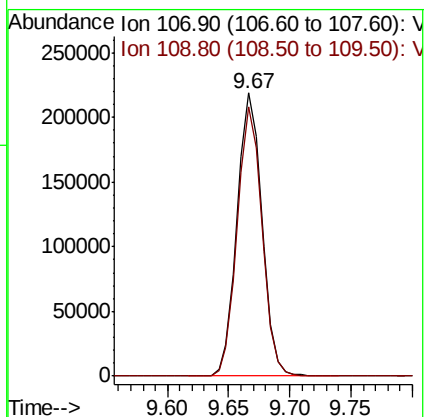
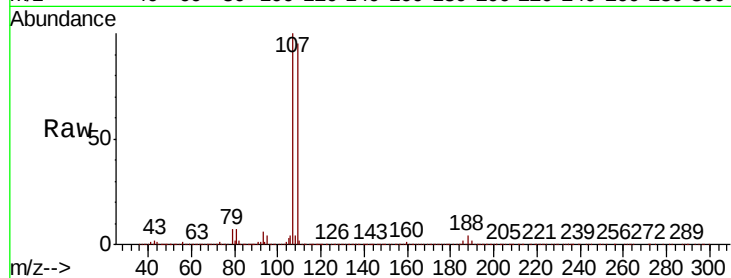
109 94.4 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 46.335 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

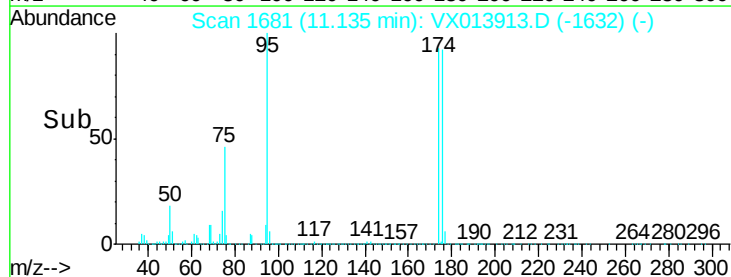
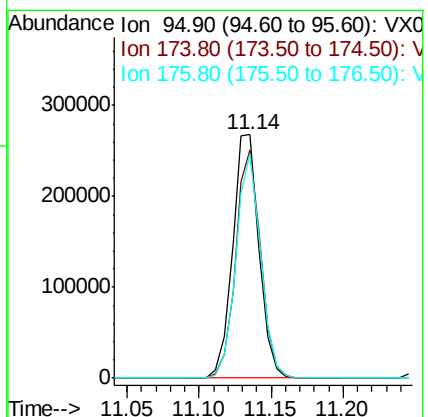
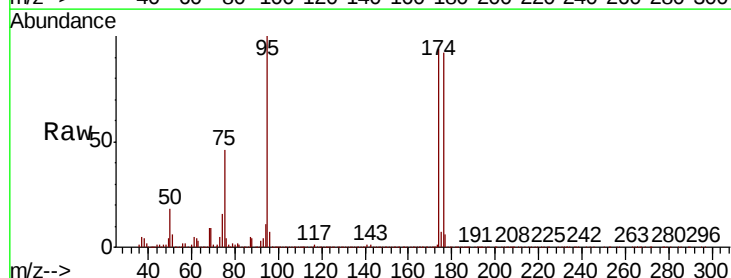
Tgt Ion: 95 Resp: 343344

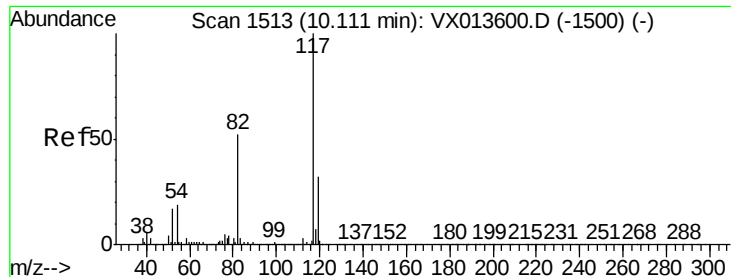
Ion Ratio Lower Upper

95 100

174 88.3 0.0 180.0

176 85.9 0.0 173.6





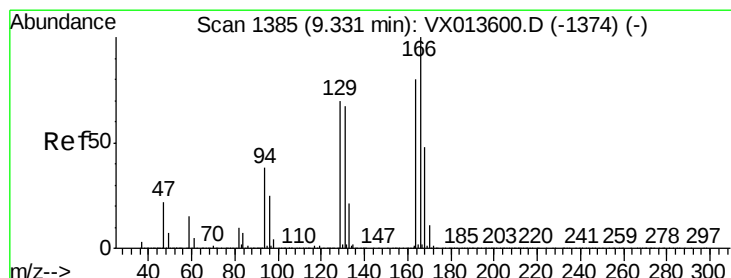
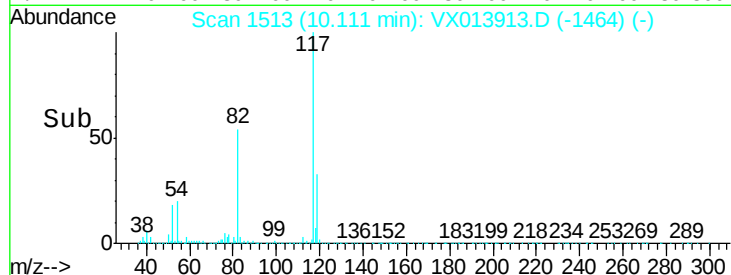
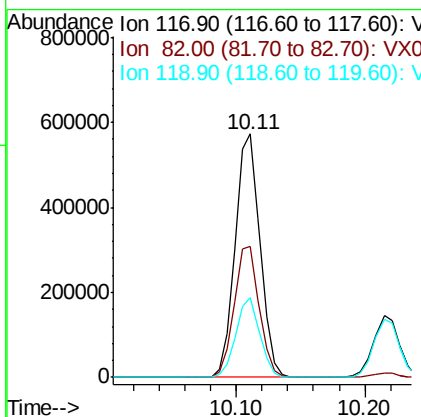
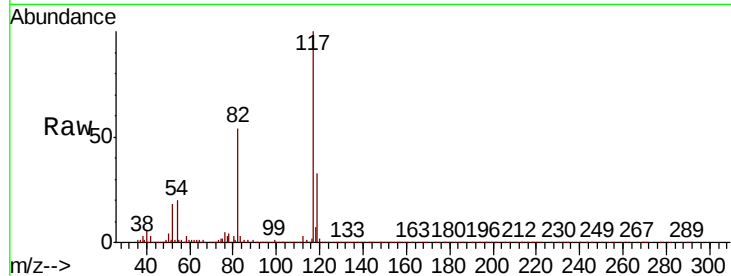
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	770399		
82	53.6		41.8	62.8
119	32.6		25.8	38.8

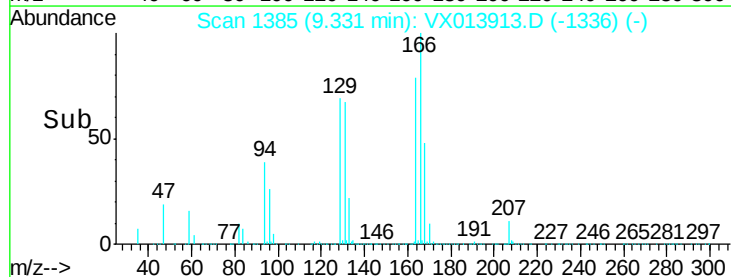
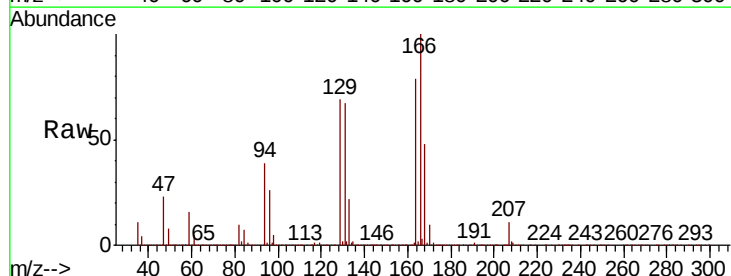
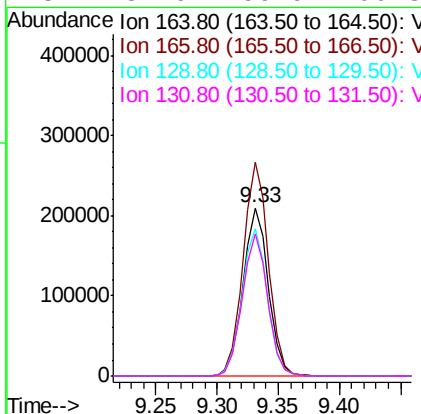
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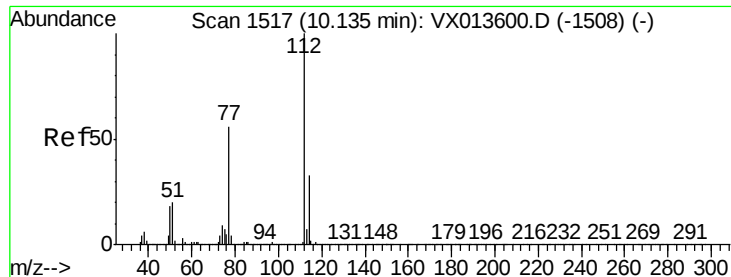
apatel
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#64
Tetrachloroethene
Concen: 52.222 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	300025		
166	127.1		99.7	149.5
129	87.4		70.1	105.1
131	84.9		66.9	100.3





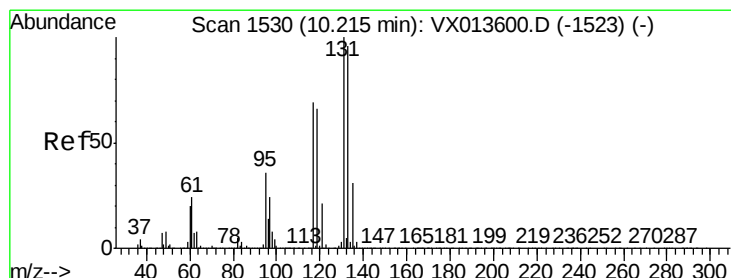
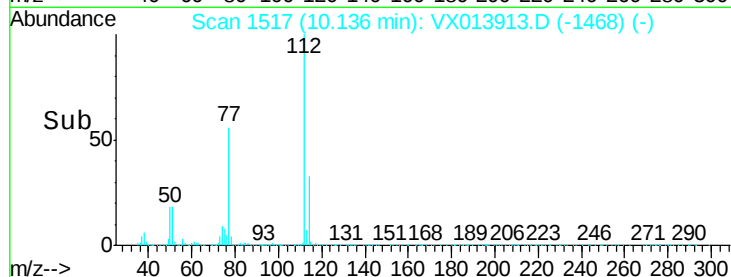
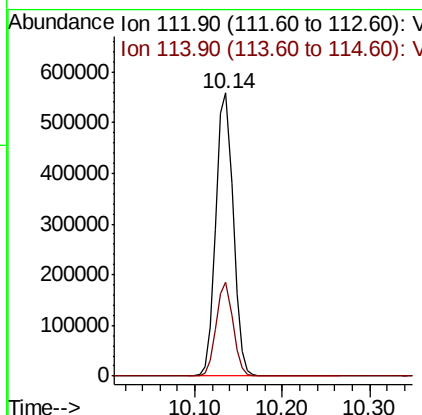
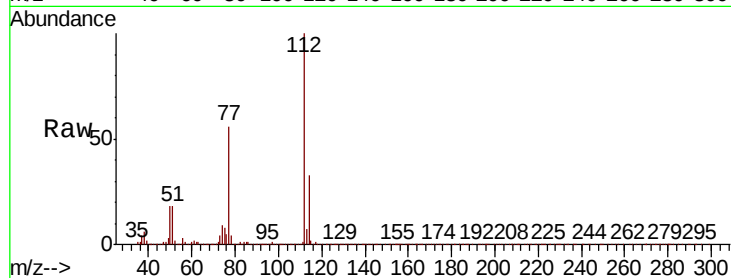
#65
Chlorobenzene
Concen: 47.895 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 766087
Ion Ratio Lower Upper
112 100
114 33.0 26.1 39.1

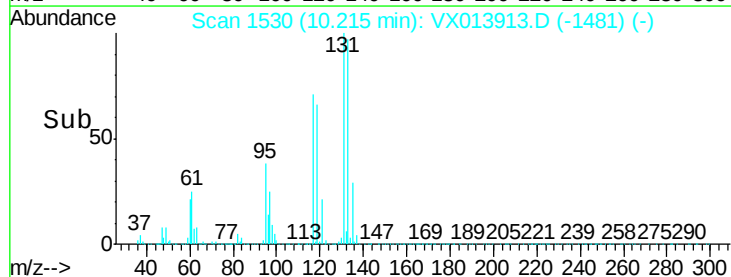
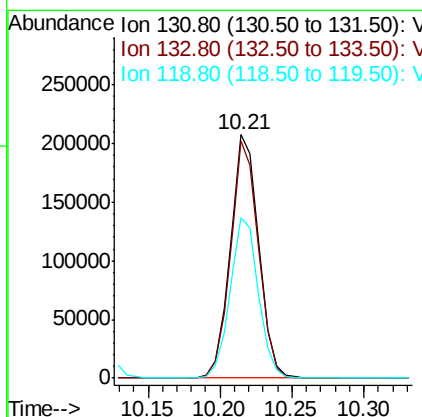
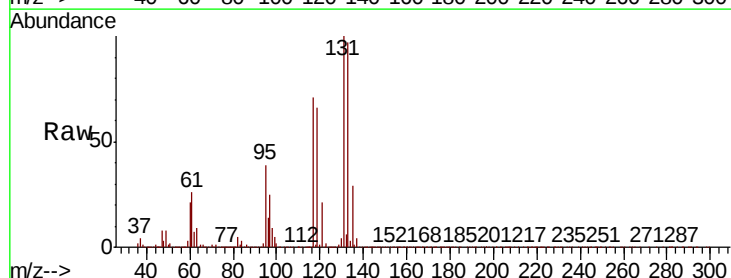
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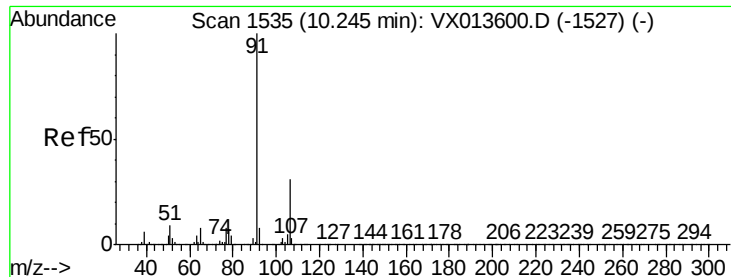
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.825 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion:131 Resp: 286179
Ion Ratio Lower Upper
131 100
133 95.9 47.7 143.1
119 65.7 32.9 98.6





#67

Ethyl Benzene

Concen: 49.079 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1348977

Ion Ratio Lower Upper

91 100

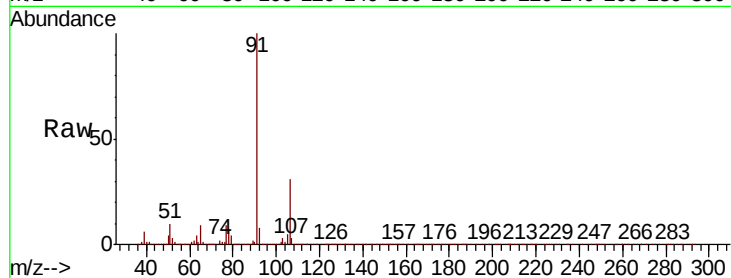
106 31.0 24.5 36.7

Manual Integrations

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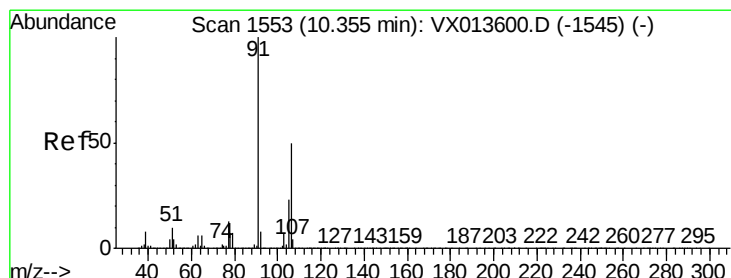
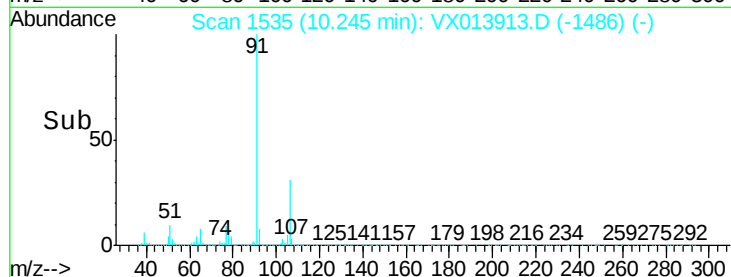
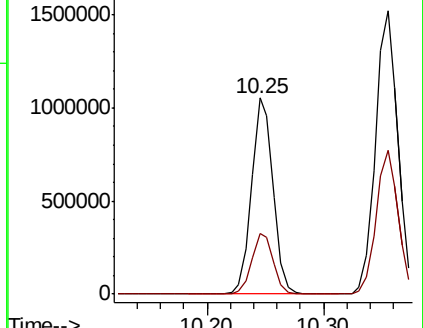
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1527) (-)

Ion 106.00 (105.70 to 106.70): VX013600.D (-1527) (-)



#68

m/p-Xylenes

Concen: 96.751 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013913.D

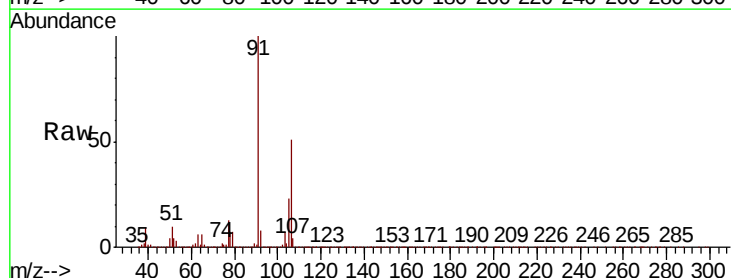
Acq: 10 Dec 2019 21:03

Tgt Ion: 106 Resp: 1018115

Ion Ratio Lower Upper

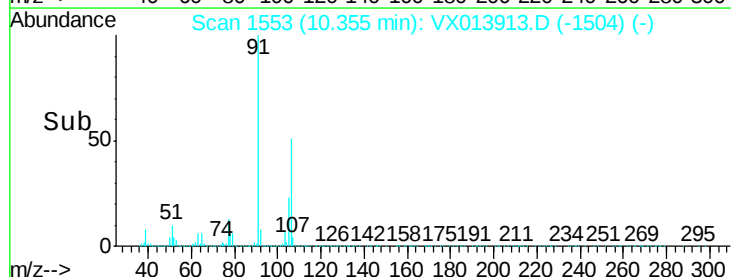
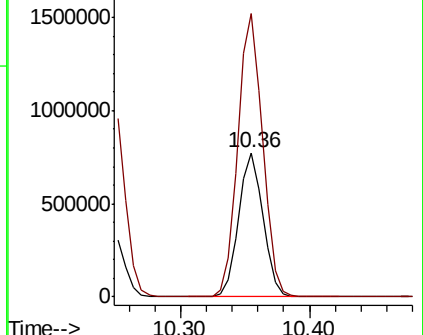
106 100

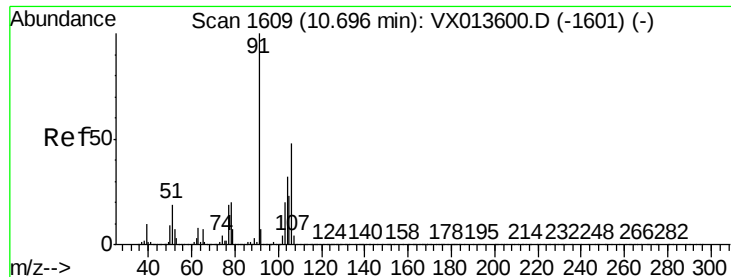
91 198.7 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): VX013600.D (-1545) (-)

Ion 91.00 (90.70 to 91.70): VX013600.D (-1545) (-)





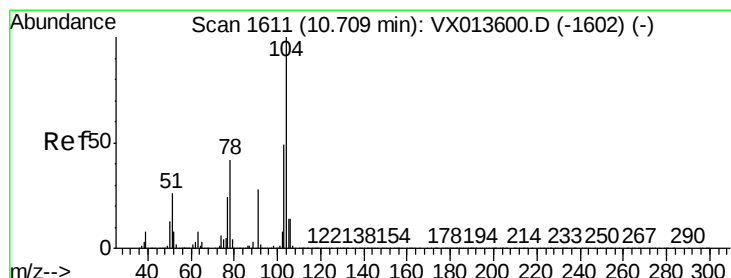
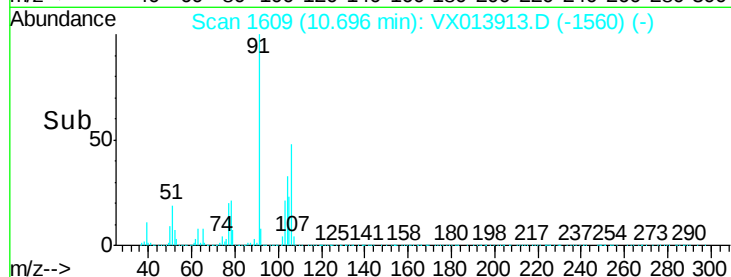
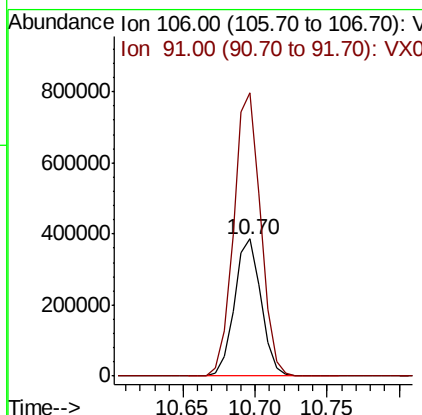
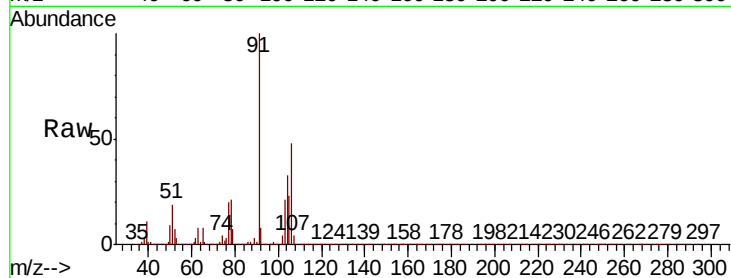
#69
o-Xylene
Concen: 48.369 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.5	104.1	312.2

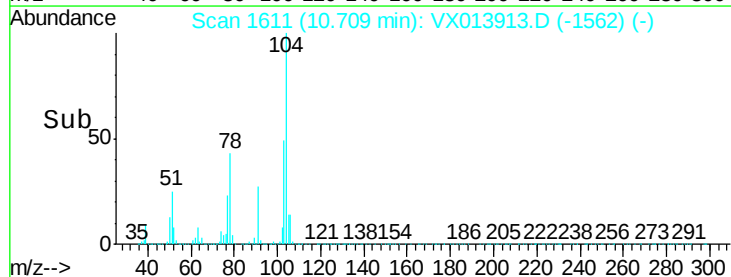
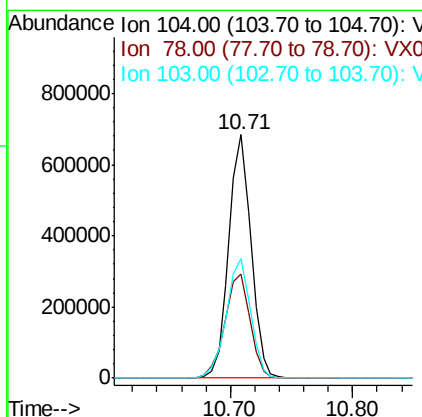
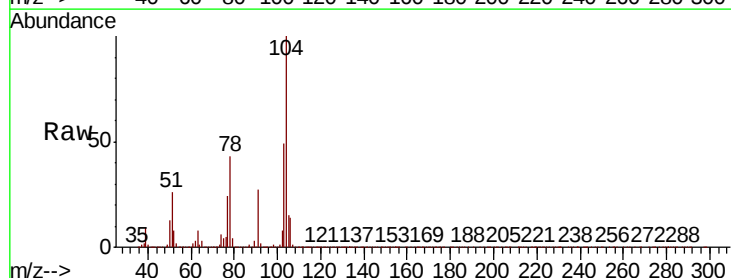
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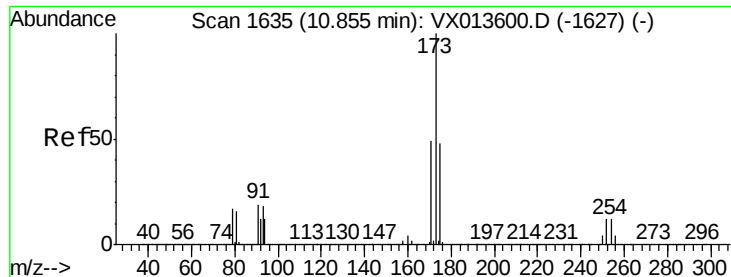
apatel
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#70
Styrene
Concen: 49.849 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.5	57.7
103	53.7	43.7	65.5





#71

Bromoform

Concen: 49.864 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

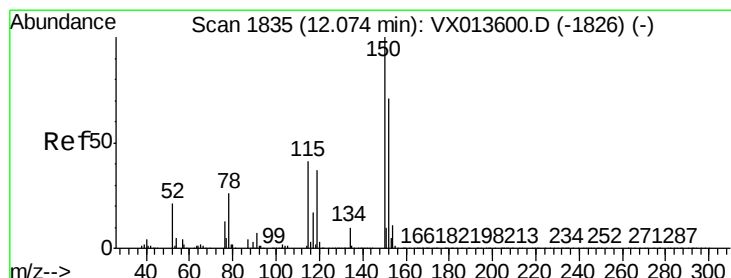
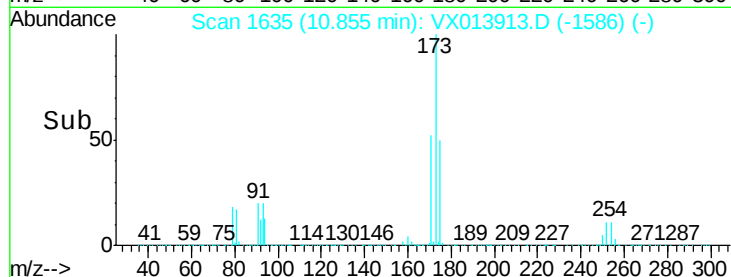
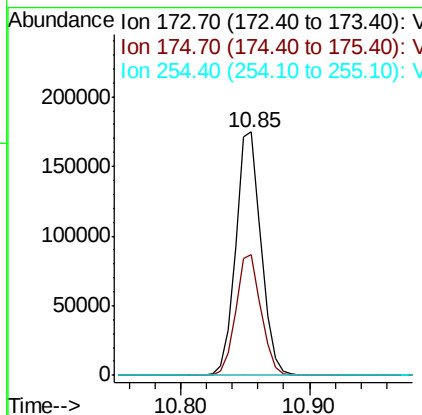
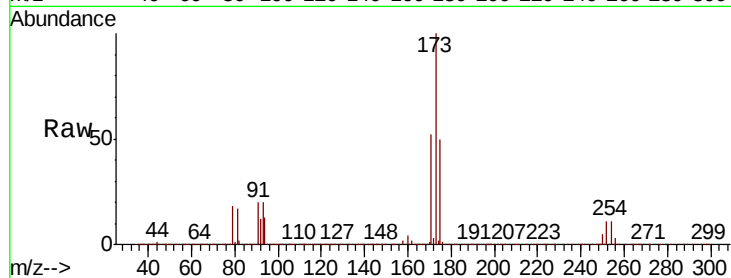
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	236974
Ion Ratio	Lower	Upper	
173	100		
175	49.9	24.3	72.8
254	0.2	0.2	0.4#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

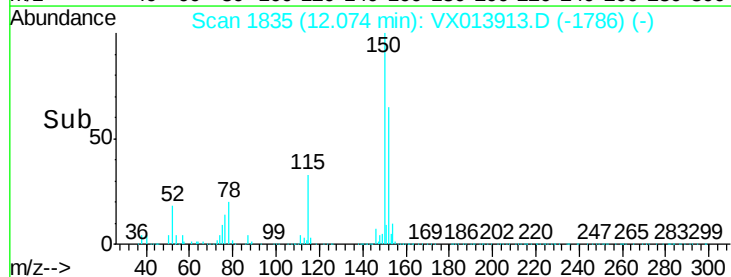
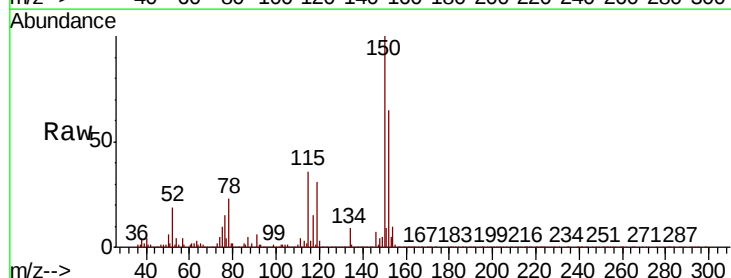
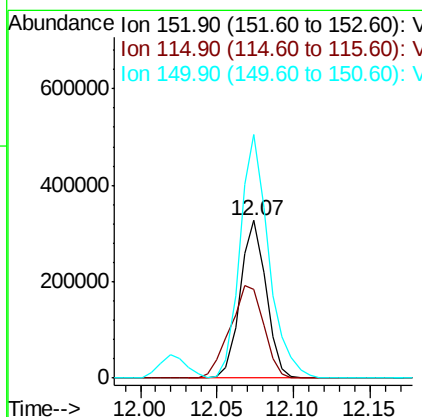
RT: 12.07 min Scan# 1835

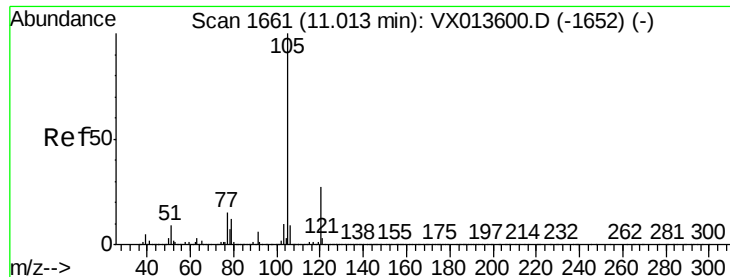
Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Tgt Ion:	152	Resp:	382869
Ion Ratio	Lower	Upper	
152	100		
115	76.1	38.4	115.1
150	171.9	0.0	346.8





#73

Isopropylbenzene

Concen: 49.255 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1322825

Ion Ratio Lower Upper

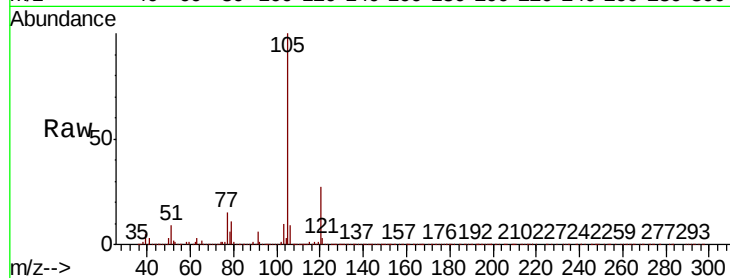
105 100

120 26.7 13.5 40.5

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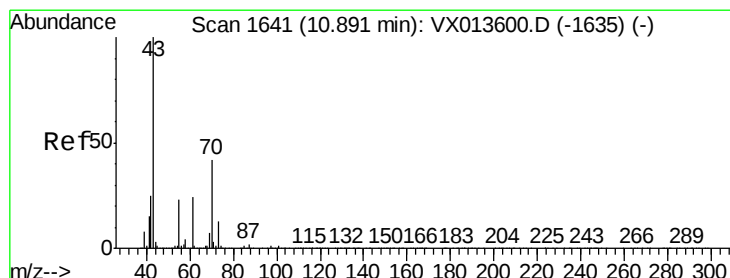
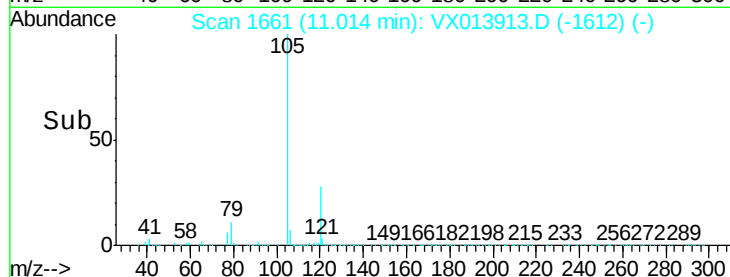
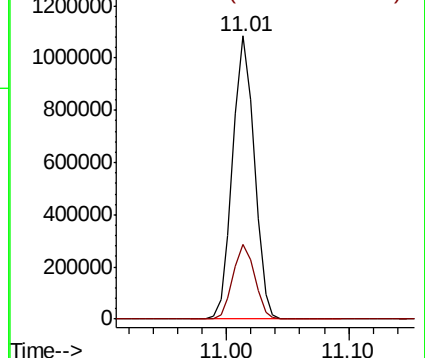
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.964 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Tgt Ion: 43 Resp: 614697

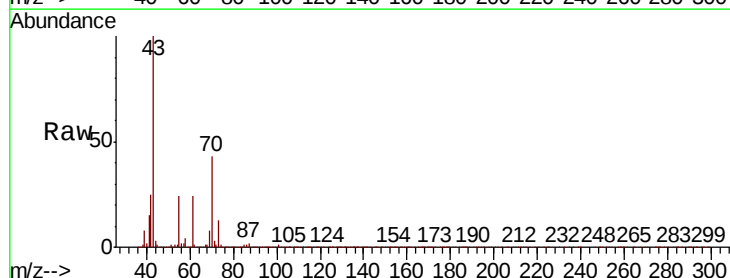
Ion Ratio Lower Upper

43 100

70 43.4 34.3 51.5

55 24.3 18.5 27.7

61 24.4 19.8 29.8

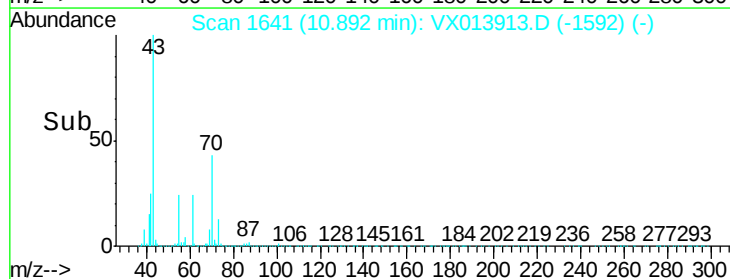
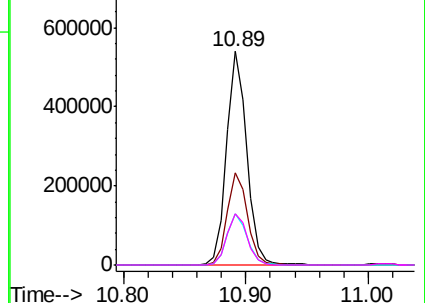


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.011 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

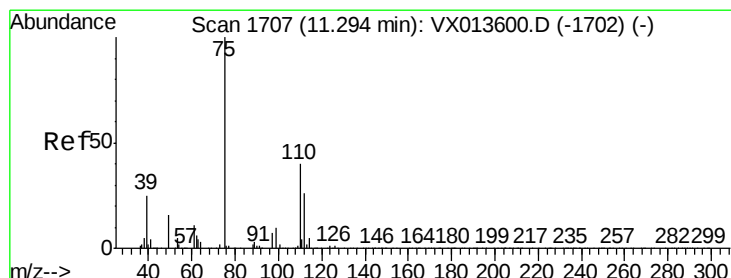
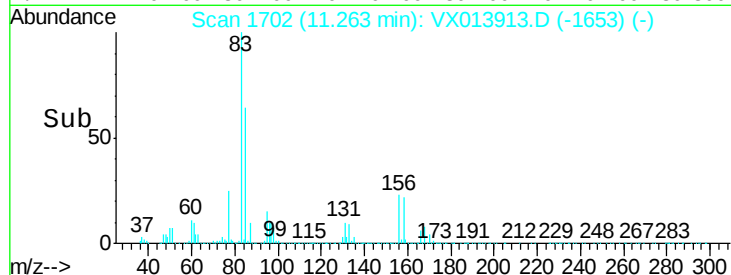
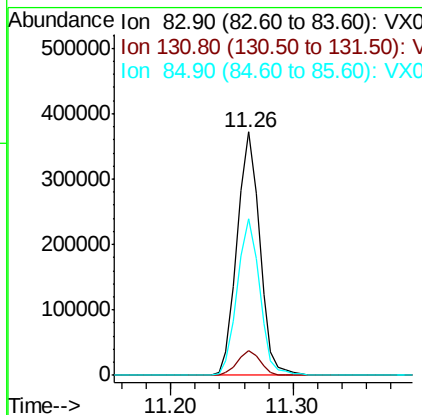
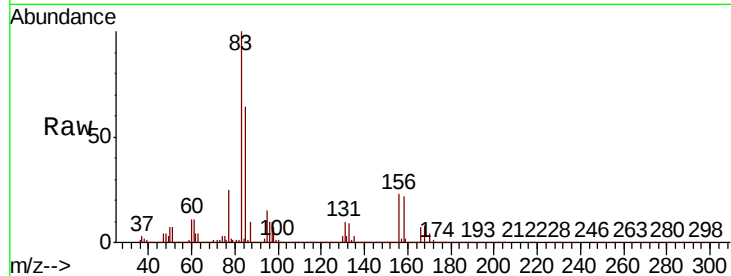
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	475107
Ion Ratio		Lower	Upper
83	100		
131	10.5	5.1	15.3
85	63.9	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.338 ug/l m

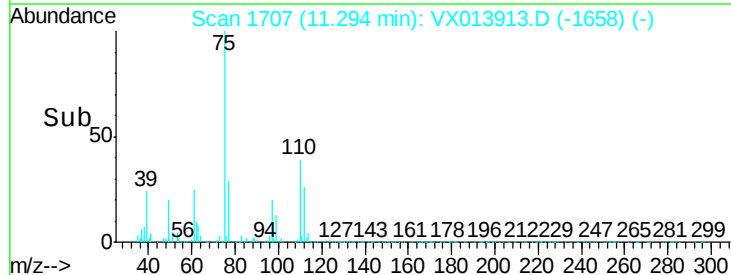
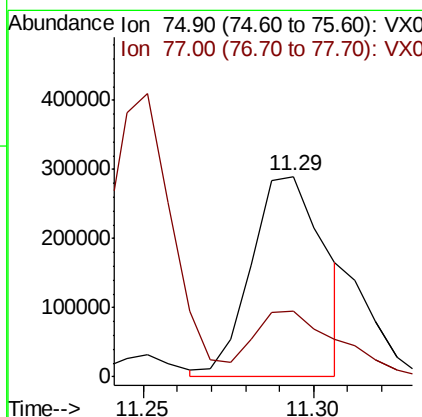
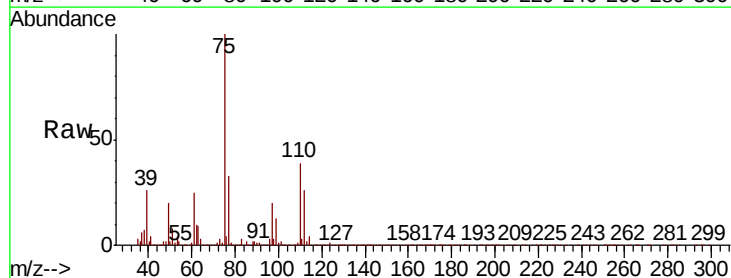
RT: 11.29 min Scan# 1707

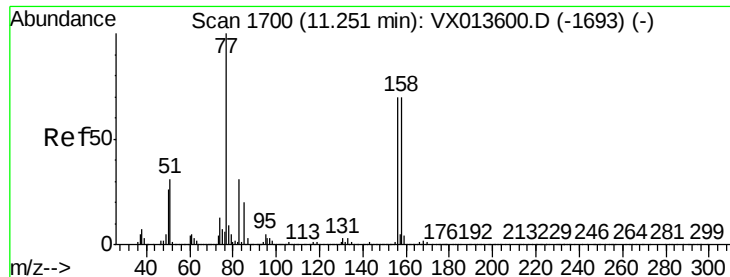
Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Tgt Ion:	75	Resp:	433482
Ion Ratio		Lower	Upper
75	100		
77	37.7	19.1	57.5





#77

Bromobenzene

Concen: 47.528 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

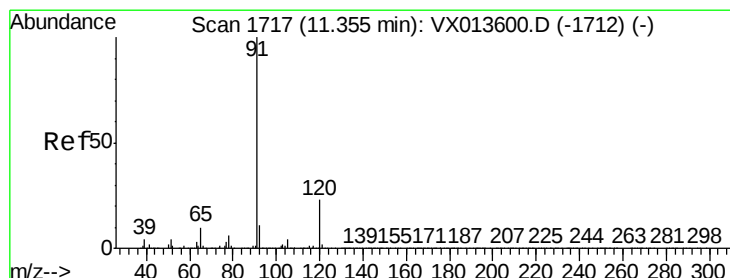
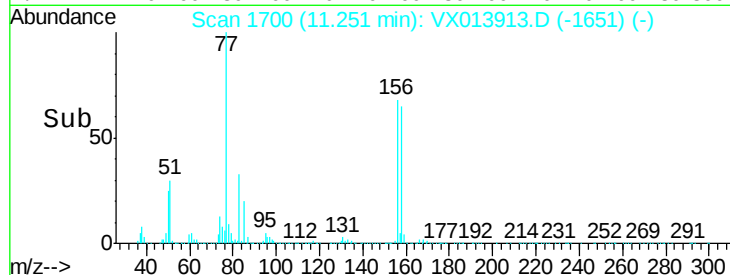
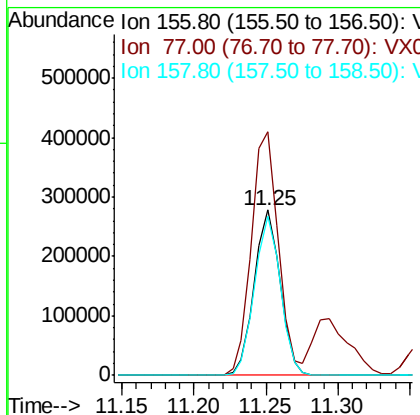
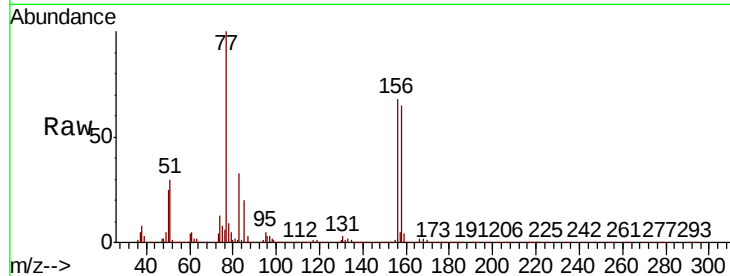
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	344838
Ion Ratio	Lower	Upper	
156	100		
77	153.7	74.4	223.1
158	96.4	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 49.307 ug/l

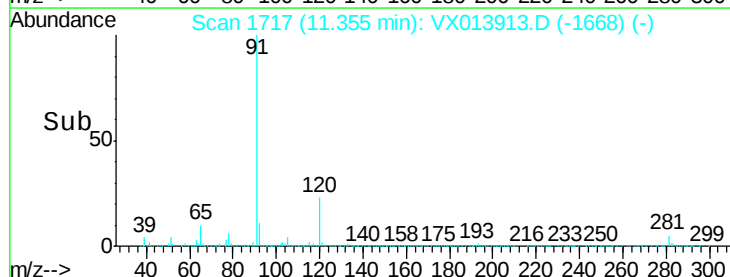
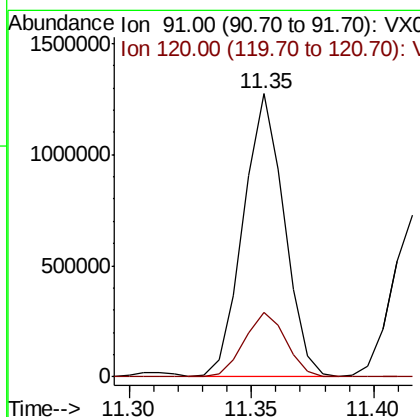
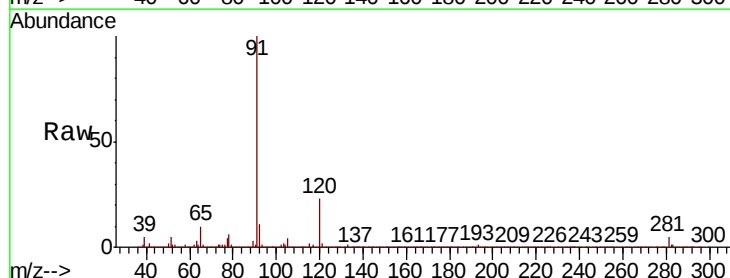
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Tgt Ion:	91	Resp:	1478255
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.3





#79

2-Chlorotoluene

Concen: 48.364 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 869805

Ion Ratio Lower Upper

91 100

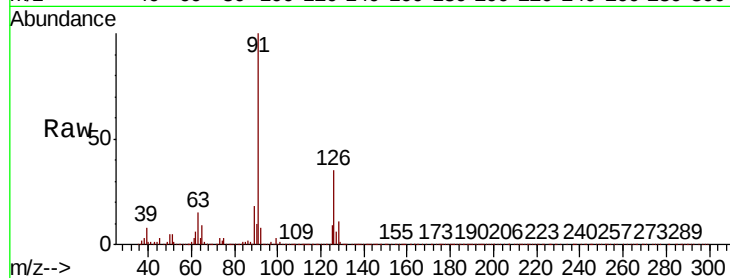
126 35.4 17.5 52.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX013913.D (-1678) (-)

Ion 125.90 (125.60 to 126.60): VX013913.D (-1678) (-)

1500000

1000000

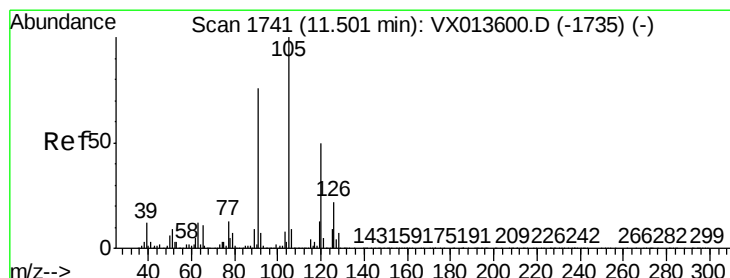
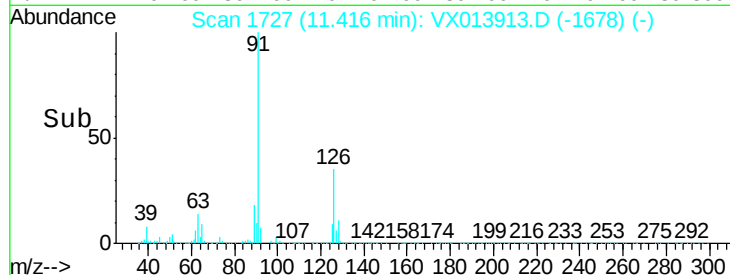
500000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.424 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013913.D

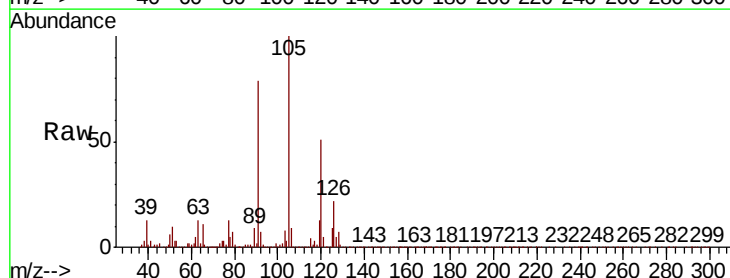
Acq: 10 Dec 2019 21:03

Tgt Ion: 105 Resp: 1087909

Ion Ratio Lower Upper

105 100

120 50.6 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013913.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX013913.D (-1692) (-)

1000000

800000

600000

400000

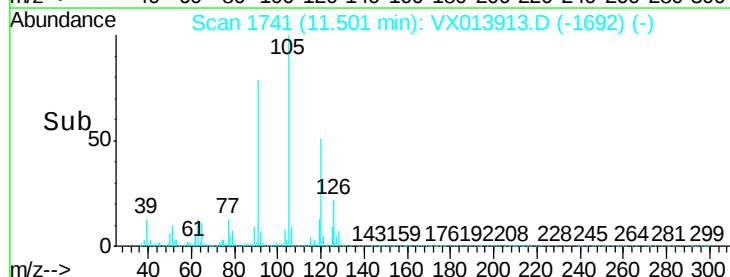
200000

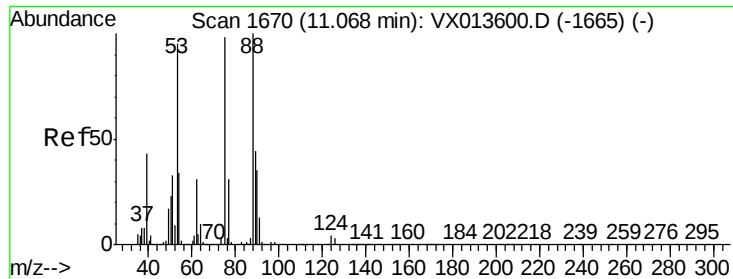
0

11.50

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 47.255 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

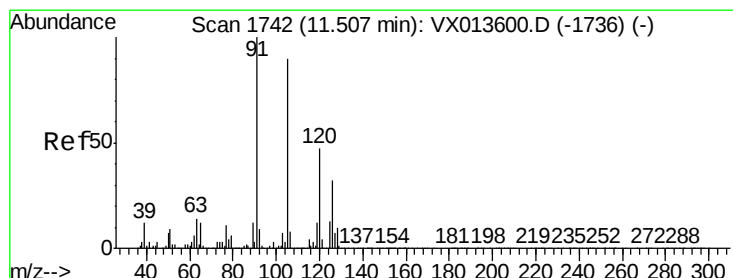
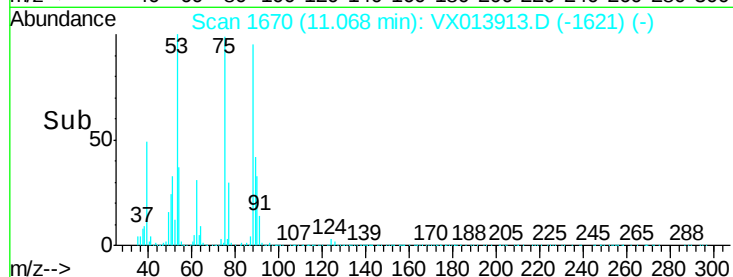
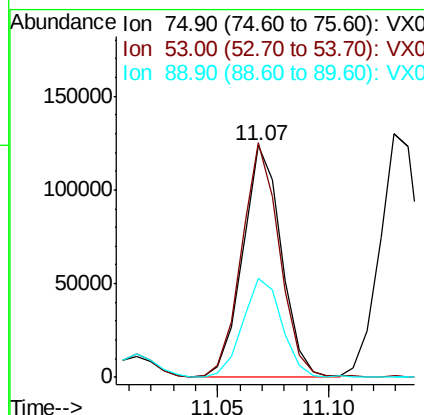
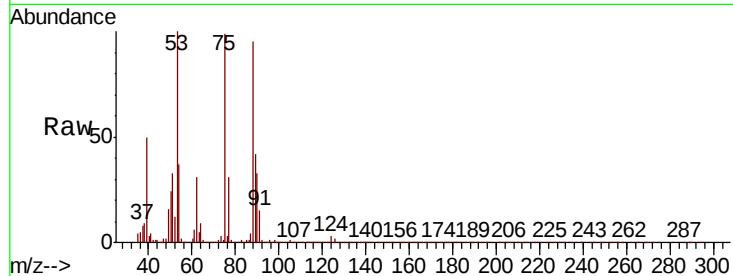
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	148742
Ion Ratio	Lower	Upper	
75	100		
53	98.9	78.2	117.2
89	44.2	35.4	53.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.237 ug/l

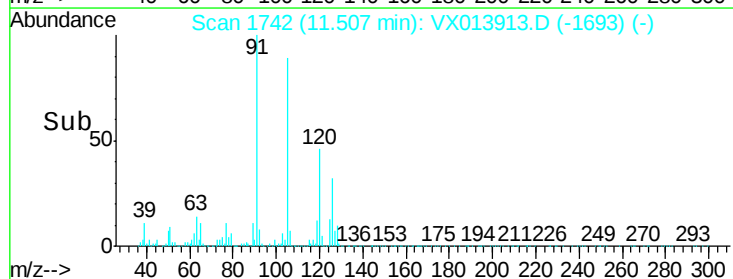
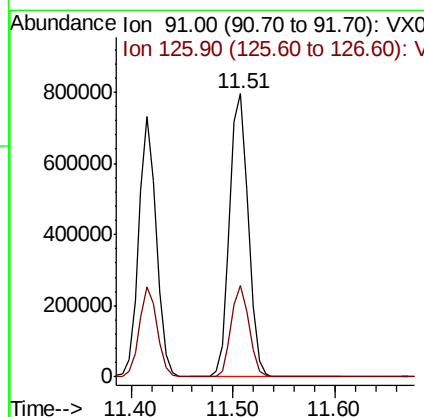
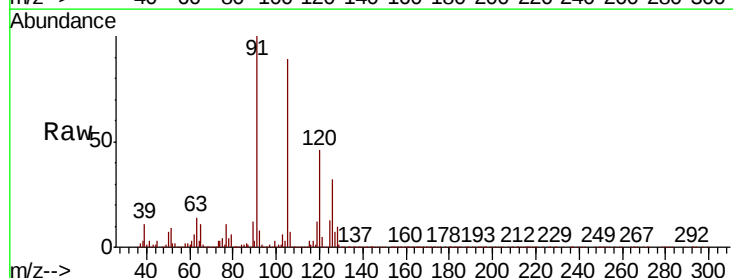
RT: 11.51 min Scan# 1742

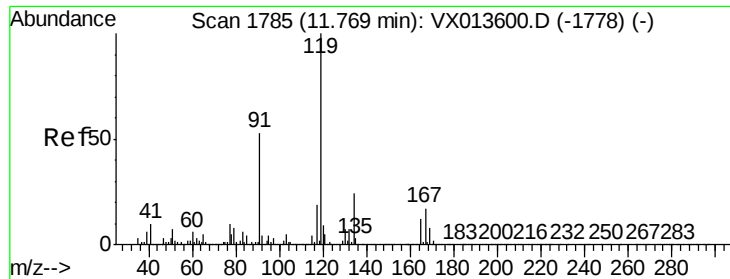
Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Tgt Ion:	91	Resp:	1004768
Ion Ratio	Lower	Upper	
91	100		
126	31.0	15.7	47.0





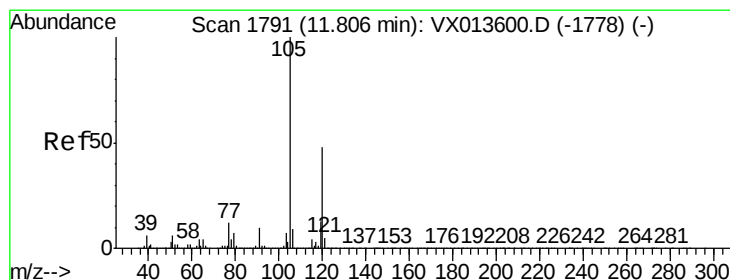
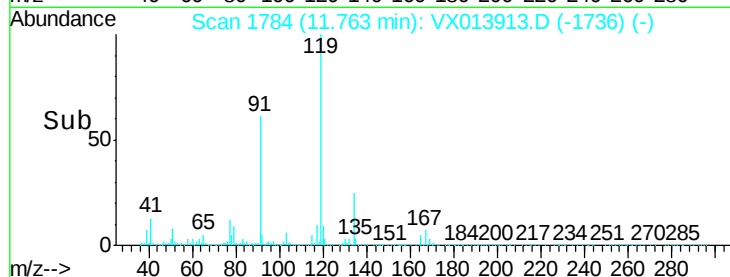
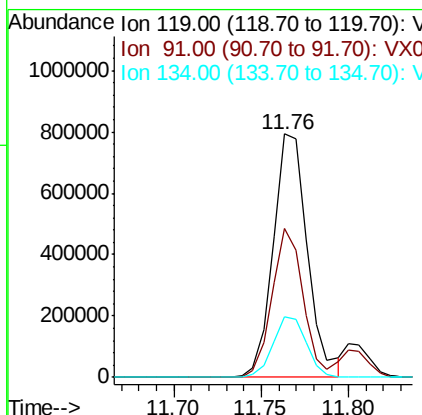
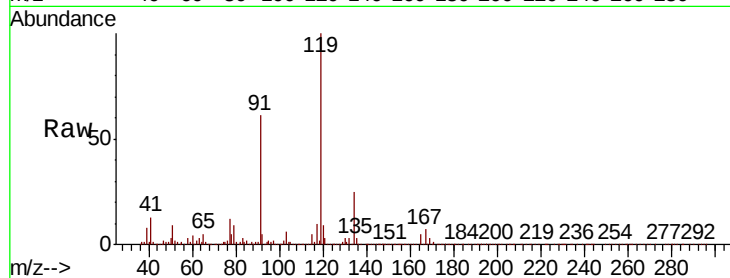
#83
tert-Butylbenzene
Concen: 48.419 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.4	27.2	81.6
134	24.2	11.7	35.1

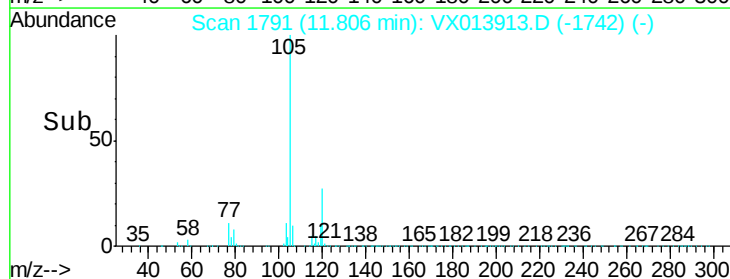
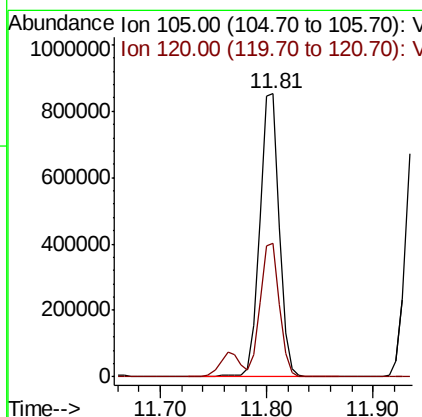
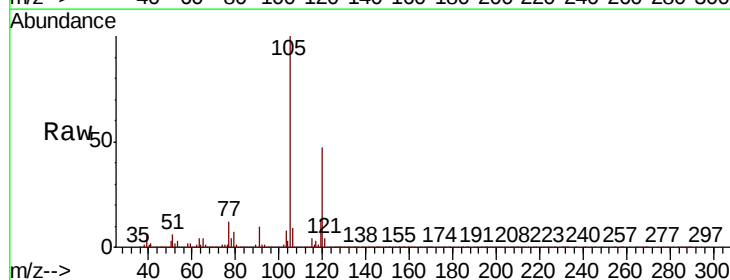
Manual Integrations
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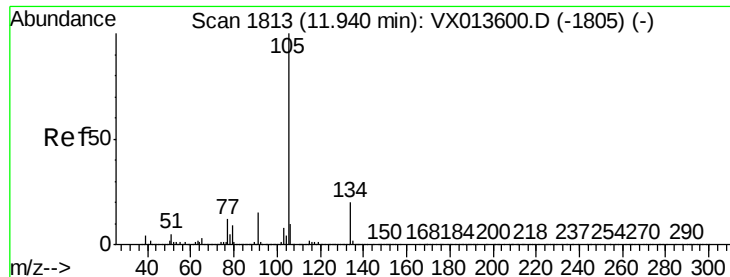
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#84
1,2,4-Trimethylbenzene
Concen: 48.799 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.1	69.3





#85

sec-Butylbenzene

Concen: 49.666 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1269054

Ion Ratio Lower Upper

105 100

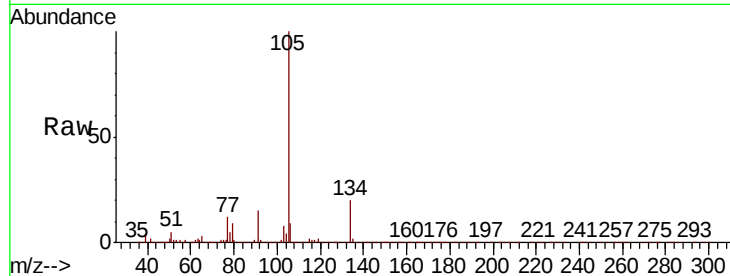
134 20.3 10.4 31.2

Manual Integrations

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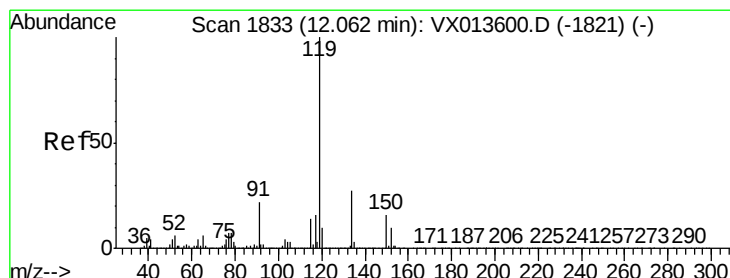
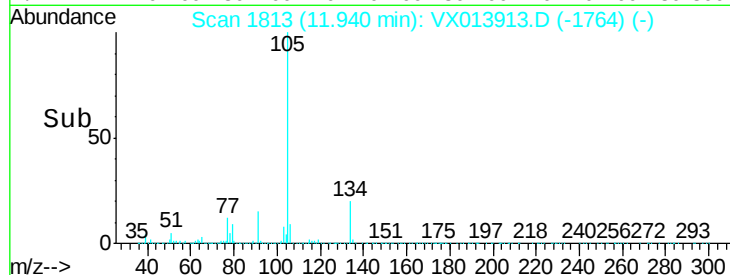
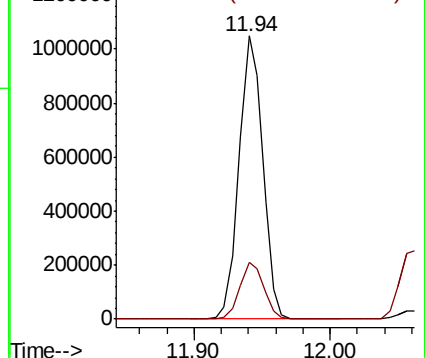
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.318 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

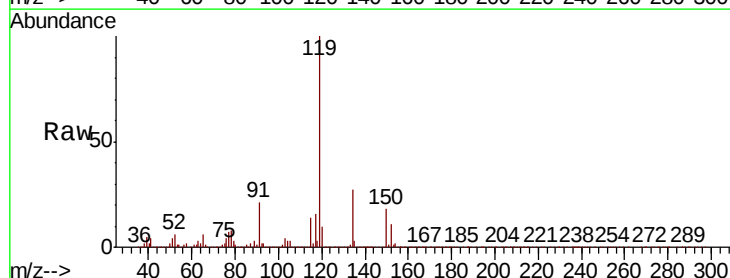
Tgt Ion:119 Resp: 1172325

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

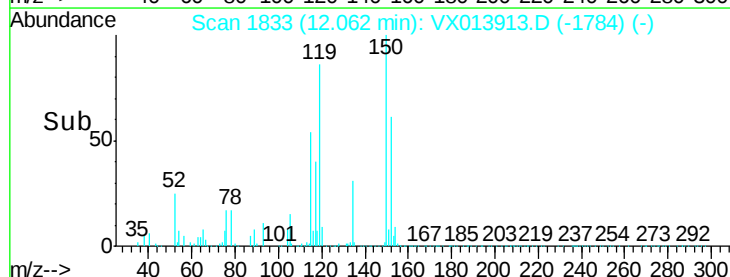
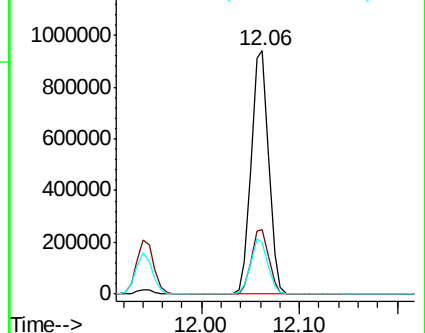
91 22.0 11.3 33.8

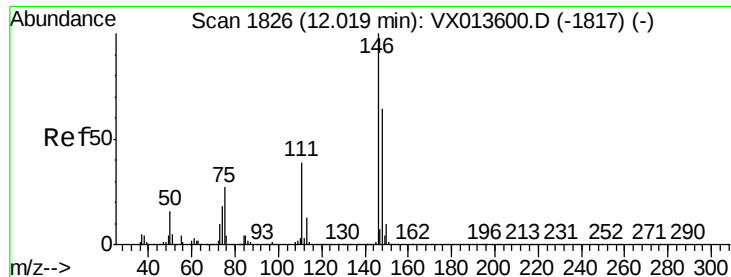


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





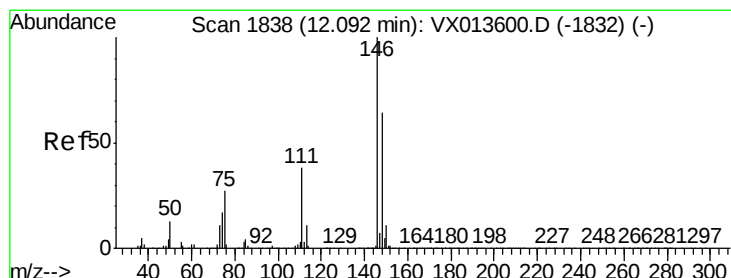
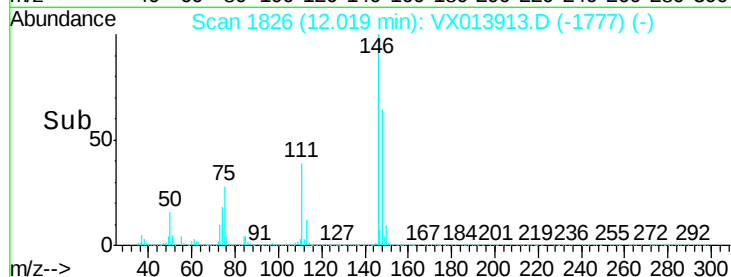
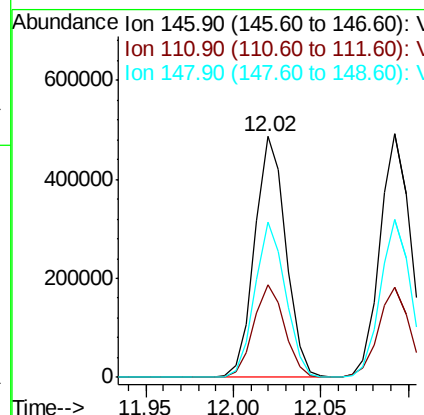
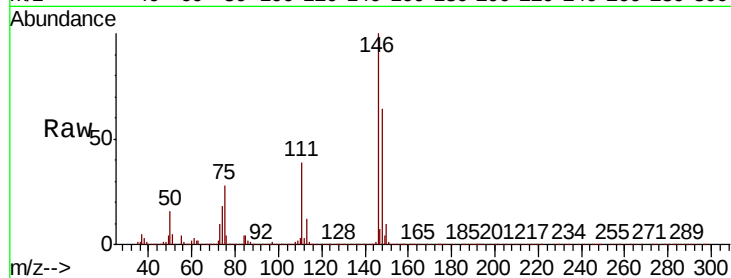
#87
 1,3-Dichlorobenzene
 Concen: 47.568 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013913.D
 Acq: 10 Dec 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.0	57.0
148	63.5	31.8	95.4

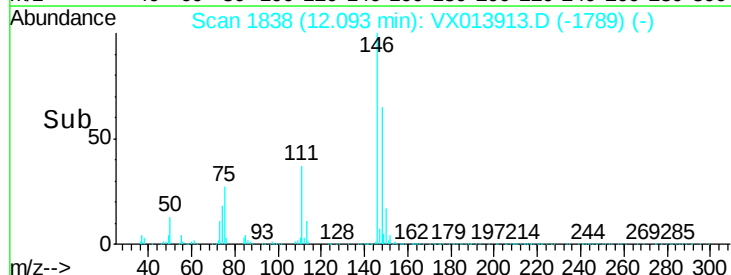
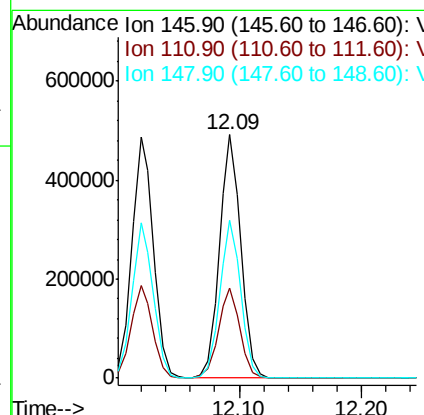
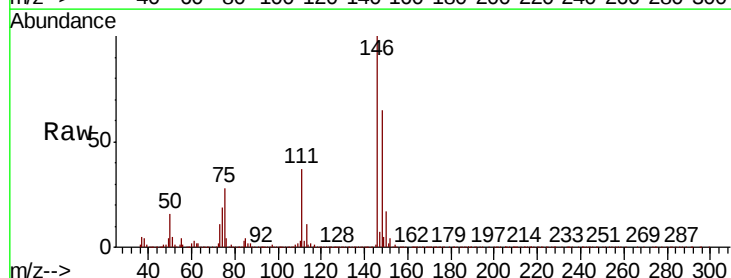
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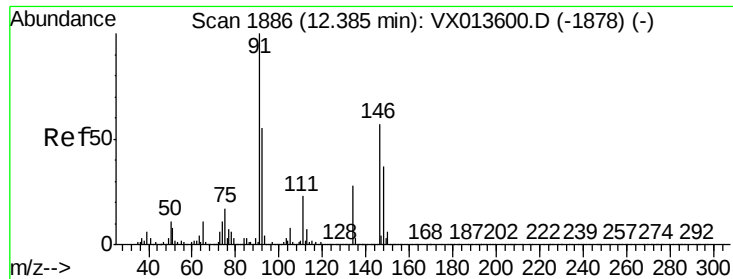
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#88
 1,4-Dichlorobenzene
 Concen: 46.474 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013913.D
 Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.9
148	63.7	31.9	95.5





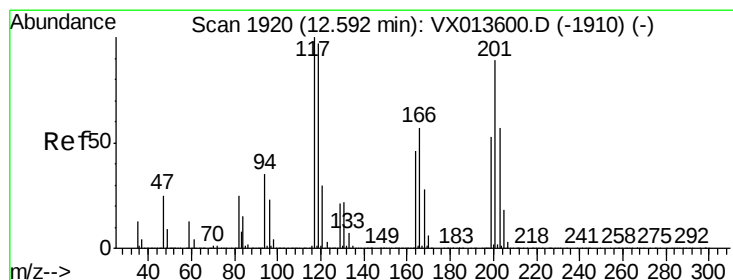
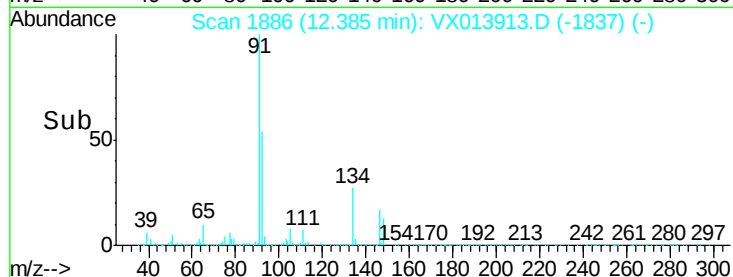
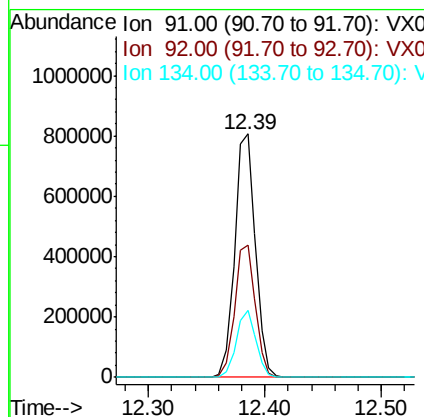
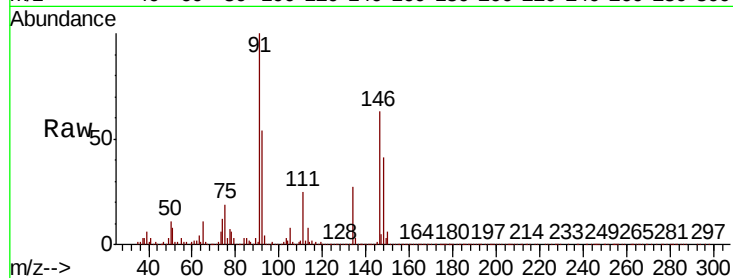
#89
n-Butylbenzene
Concen: 49.031 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.4	82.2
134	26.4	13.5	40.4

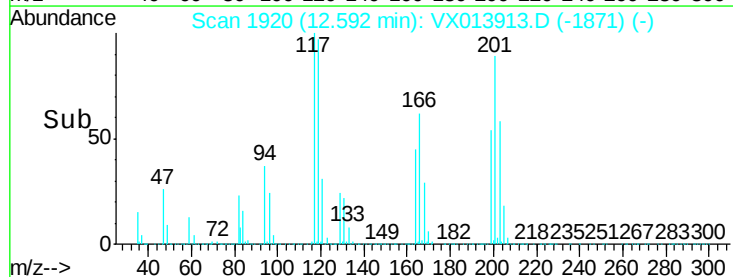
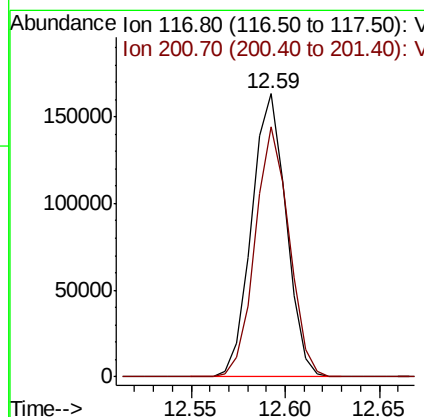
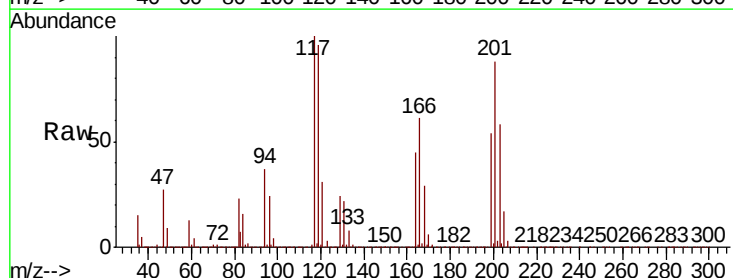
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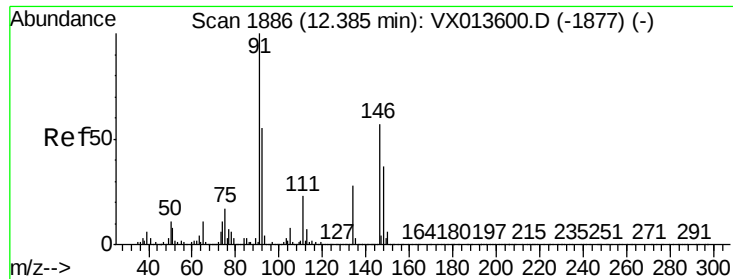
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#90
Hexachloroethane
Concen: 48.202 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.3	44.1	132.4





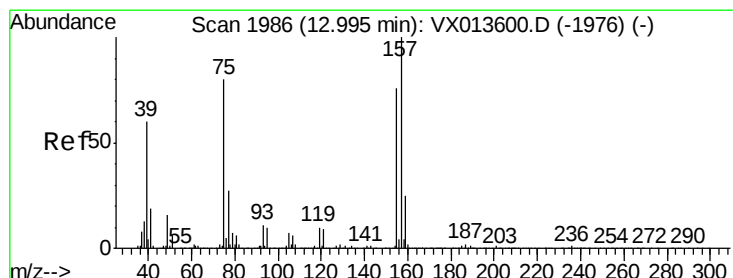
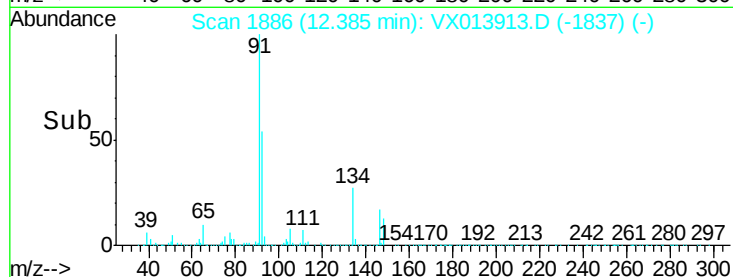
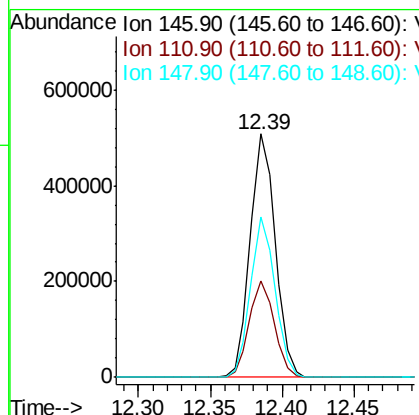
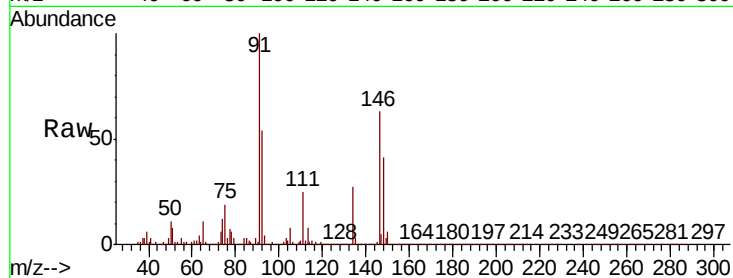
#91
 1,2-Dichlorobenzene
 Concen: 48.875 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013913.D
 Acq: 10 Dec 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.7
148	64.6	31.9	95.7

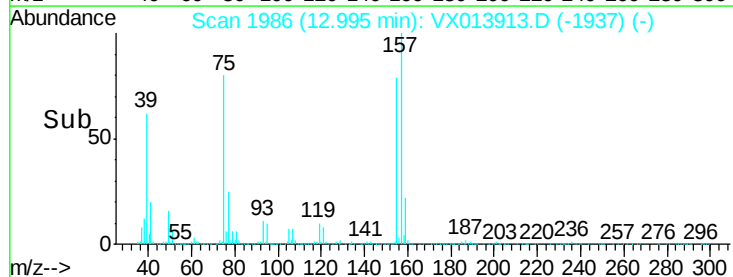
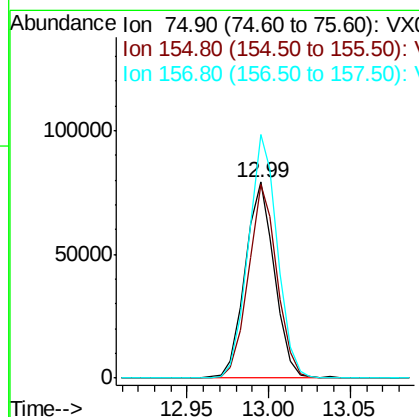
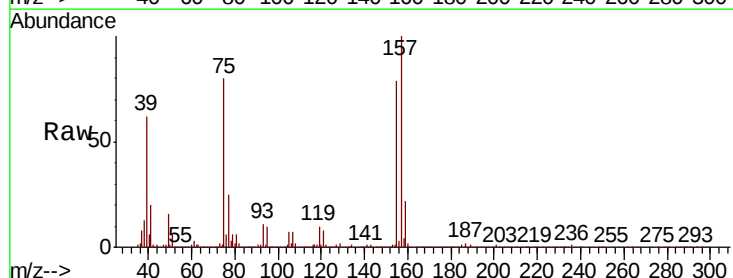
Manual Integrations
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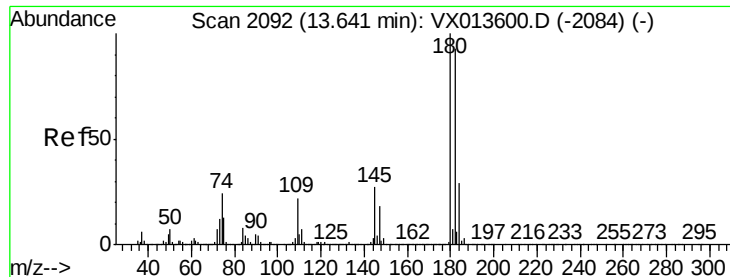
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.634 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013913.D
 Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.8	47.6	142.8
157	123.9	62.1	186.2





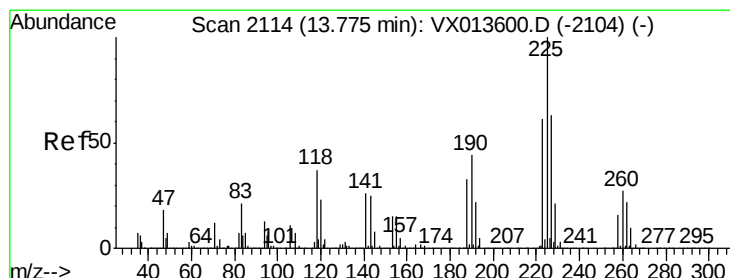
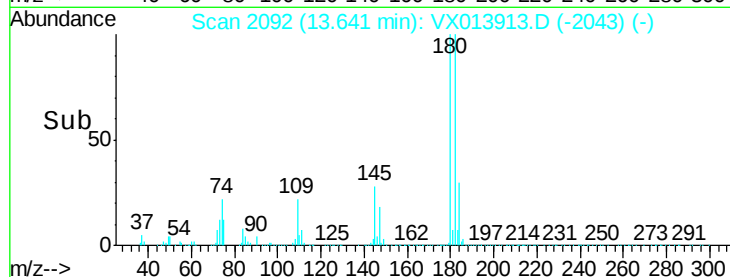
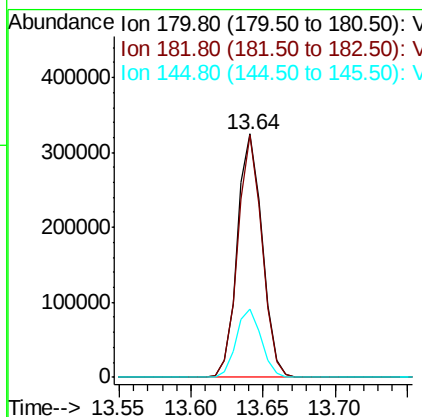
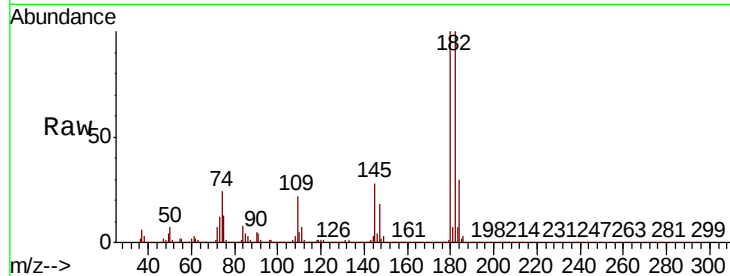
#93
1,2,4-Trichlorobenzene
Concen: 45.036 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	392213		
182	96.7	47.2	141.6	
145	28.5	13.8	41.4	

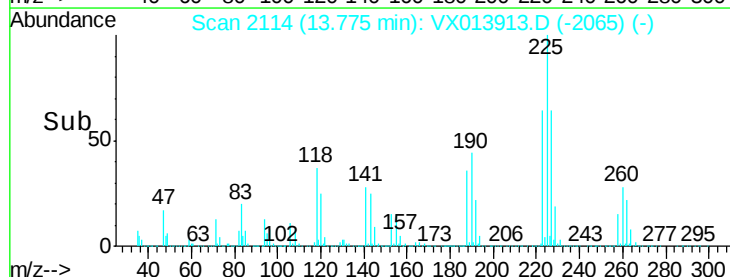
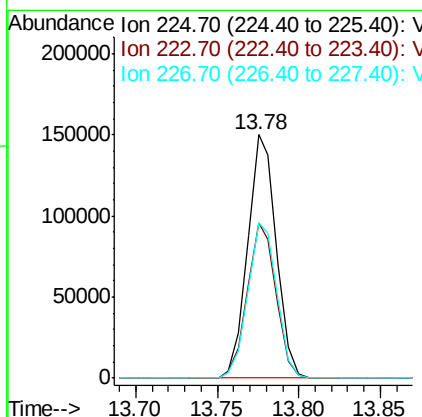
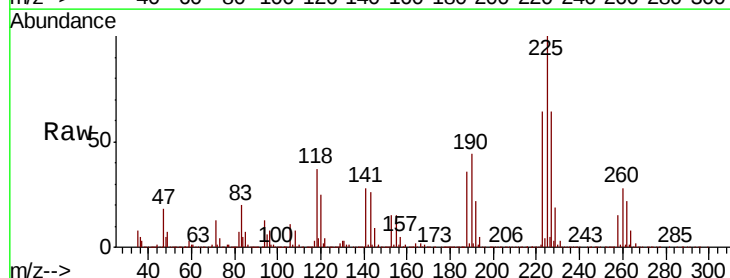
Manual Integrations
APPROVED

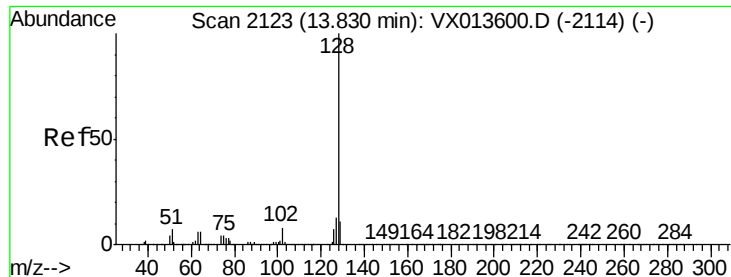
apatel
12/11/2019 2:14:28 PM



#94
Hexachlorobutadiene
Concen: 43.951 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX013913.D
Acq: 10 Dec 2019 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	183873		
223	63.7	31.9	95.5	
227	64.6	32.1	96.3	





#95

Naphthalene

Concen: 48.406 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1255447

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

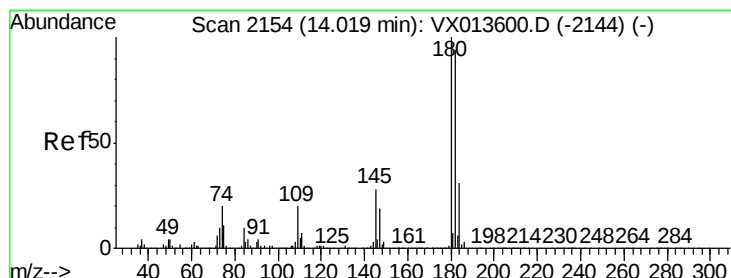
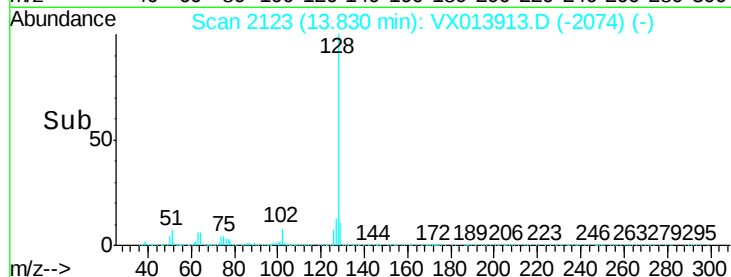
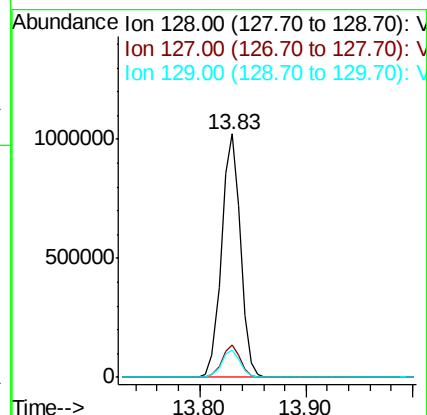
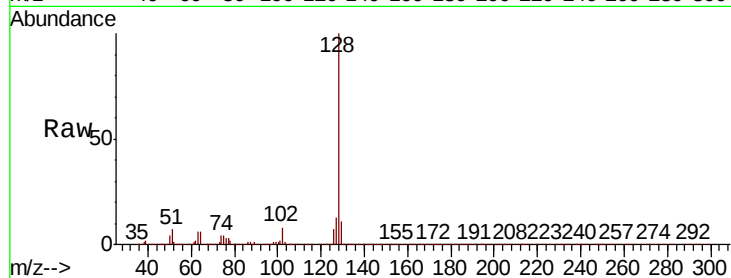
129 10.8 8.7 13.1

Manual Integrations

APPROVED

apatel

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#96

1,2,3-Trichlorobenzene

Concen: 46.649 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013913.D

Acq: 10 Dec 2019 21:03

Tgt Ion:180 Resp: 402250

Ion Ratio Lower Upper

180 100

182 96.3 47.6 142.8

145 30.0 15.0 45.0

