

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103019\
 Data File : VX013277.D
 Acq On : 30 Oct 2019 10:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 10/31/2019 4:05:20 PM

Quant Time: Oct 31 01:47:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	70774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	96025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	98784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	70968	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	72737	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
35) Dibromofluoromethane	5.48	113	56661	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
50) Toluene-d8	8.71	98	202756	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.13	95	83733	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	70157	49.127	ug/l	98
3) Chloromethane	1.32	50	52907	45.085	ug/l	95
4) Vinyl Chloride	1.40	62	57536	44.768	ug/l	98
5) Bromomethane	1.63	94	32477	47.676	ug/l	99
6) Chloroethane	1.71	64	36976	51.486	ug/l	100
7) Trichlorofluoromethane	1.92	101	109512	53.975	ug/l	97
8) Diethyl Ether	2.18	74	34065	48.975	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	63970	50.933	ug/l	97
10) Methyl Iodide	2.50	142	77649	49.138	ug/l	98
11) Tert butyl alcohol	3.03	59	73378	228.406	ug/l	100
12) 1,1-Dichloroethene	2.36	96	57670	47.834	ug/l	98
13) Acrolein	2.28	56	36239	208.660	ug/l	96
14) Allyl chloride	2.72	41	88944	46.860	ug/l	96
15) Acrylonitrile	3.13	53	152637	233.937	ug/l	99
16) Acetone	2.43	43	184837	265.042	ug/l	100
17) Carbon Disulfide	2.56	76	144447	44.564	ug/l	98
18) Methyl Acetate	2.76	43	73993	48.618	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	217203	51.159	ug/l	100
20) Methylene Chloride	2.84	84	66153	50.721	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	63716	50.785	ug/l	90
22) Diisopropyl ether	3.84	45	181221	48.830	ug/l	92
23) Vinyl Acetate	3.80	43	783253	248.305	ug/l	99
24) 1,1-Dichloroethane	3.69	63	113068	49.532	ug/l	99
25) 2-Butanone	4.65	43	220726	236.003	ug/l	97
26) 2,2-Dichloropropane	4.56	77	112076	53.124	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	73150	49.542	ug/l	99
28) Bromochloromethane	5.00	49	30340	51.545	ug/l	97
29) Tetrahydrofuran	5.11	42	124479	220.807	ug/l	98
30) Chloroform	5.19	83	126202	51.925	ug/l	99
31) Cyclohexane	5.56	56	93231	48.700	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	117708	54.469	ug/l	99
36) 1,1-Dichloropropene	5.78	75	90321	56.201	ug/l	99
37) Ethyl Acetate	4.81	43	79620	49.757	ug/l	99
38) Carbon Tetrachloride	5.77	117	103848	58.509	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	107261	52.177	ug/l	99
40) Benzene	6.13	78	252819	52.417	ug/l	99
41) Methacrylonitrile	5.02	41	44338	51.681	ug/l	98
42) 1,2-Dichloroethane	6.18	62	103603	56.971	ug/l	99
43) Isopropyl Acetate	6.43	43	138778	52.235	ug/l	100
44) Trichloroethene	7.20	130	73508	53.699	ug/l	93
45) 1,2-Dichloropropane	7.50	63	61650	51.033	ug/l	98
46) Dibromomethane	7.65	93	47113	54.131	ug/l	99
47) Bromodichloromethane	7.89	83	99413	58.611	ug/l	97
48) Methyl methacrylate	7.76	41	68803	52.396	ug/l	99
49) 1,4-Dioxane	7.73	88	30485	912.156	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	407852	251.853	ug/l	99
52) Toluene	8.78	92	168551	52.731	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	106449	59.058	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	113566	57.596	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	68904	54.523	ug/l	97
56) Ethyl methacrylate	9.17	69	105807	55.628	ug/l	98
57) 1,3-Dichloropropane	9.36	76	112815	52.907	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	226123	304.680	ug/l	98
59) 2-Hexanone	9.48	43	324413	260.068	ug/l	99
60) Dibromochloromethane	9.57	129	79693	60.181	ug/l	99
61) 1,2-Dibromoethane	9.67	107	73216	54.573	ug/l	100
64) Tetrachloroethene	9.33	164	72127	59.543	ug/l	97
65) Chlorobenzene	10.14	112	184230	53.276	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	72227	56.541	ug/l	100
67) Ethyl Benzene	10.25	91	335664	54.221	ug/l	100
68) m/p-Xylenes	10.35	106	250739	107.175	ug/l	99
69) o-Xylene	10.70	106	121262	54.032	ug/l	99
70) Styrene	10.71	104	209472	54.205	ug/l	97
71) Bromoform	10.85	173	57247	61.332	ug/l #	99
73) Isopropylbenzene	11.01	105	338444	52.516	ug/l	98
74) N-amyl acetate	10.89	43	118036	49.903	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	100618	51.419	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	98589m	57.639	ug/l	
77) Bromobenzene	11.25	156	81422	52.714	ug/l	95
78) n-propylbenzene	11.35	91	361132	51.588	ug/l	99
79) 2-Chlorotoluene	11.42	91	227908	51.527	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	281351	52.524	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	34879	56.035	ug/l	98
82) 4-Chlorotoluene	11.51	91	252158	50.315	ug/l	97
83) tert-Butylbenzene	11.76	119	280716	52.968	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	297398	55.042	ug/l	99
85) sec-Butylbenzene	11.94	105	326100	54.070	ug/l	100
86) p-Isopropyltoluene	12.06	119	305093	53.847	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	145716	52.220	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	145146	51.089	ug/l	99
89) n-Butylbenzene	12.39	91	263172	56.780	ug/l	97
90) Hexachloroethane	12.59	117	53335	56.210	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	143046	52.132	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	25988	53.406	ug/l	99

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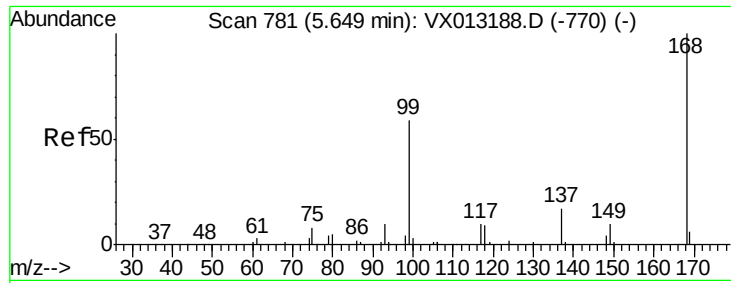
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	92767	53.690	ug/l	95
94) Hexachlorobutadiene	13.78	225	49117	54.954	ug/l	99
95) Naphthalene	13.83	128	292976	55.248	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	94533	55.368	ug/l	99

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



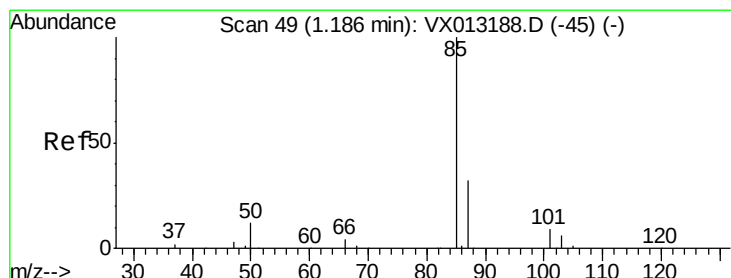
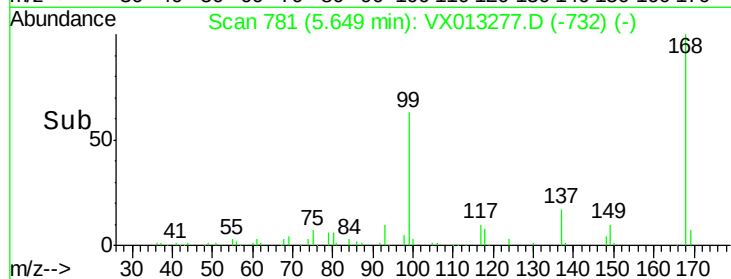
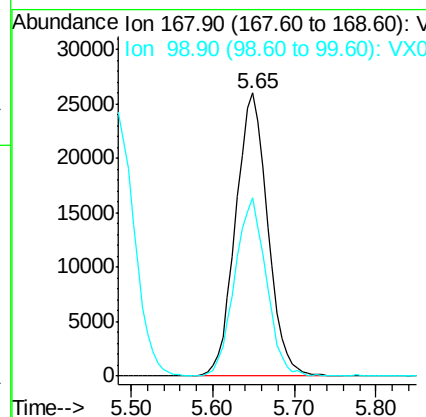
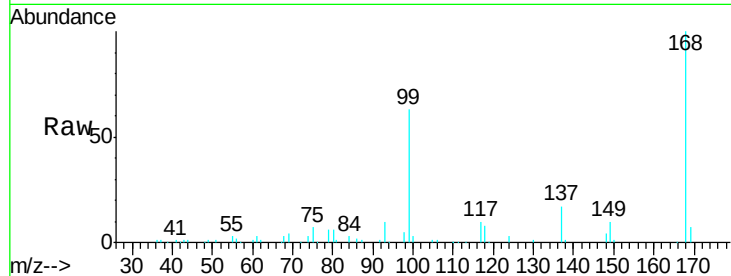
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 168 Resp: 70774
Ion Ratio Lower Upper
168 100
99 62.8 47.0 70.4

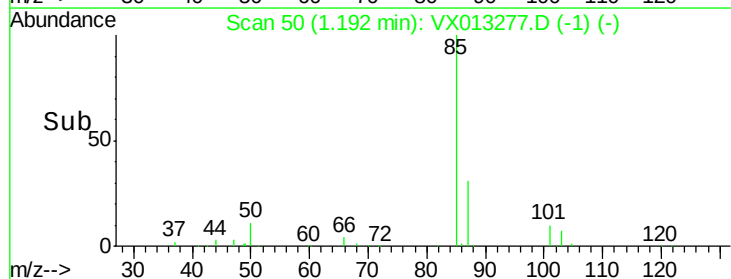
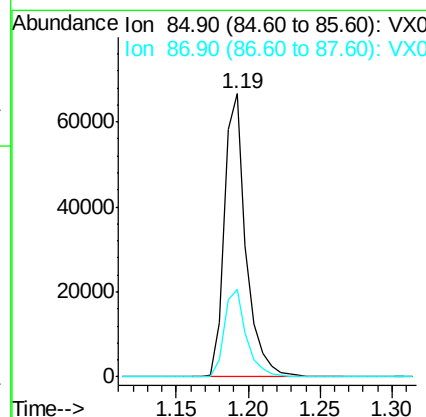
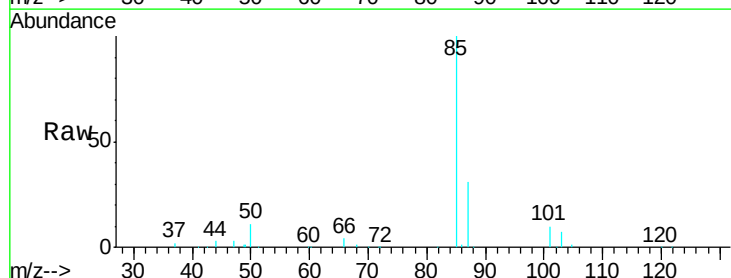
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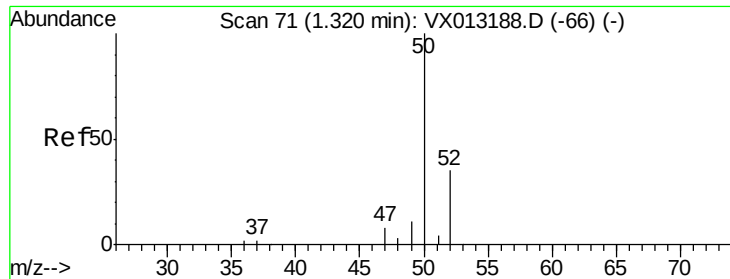
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#2
Dichlorodifluoromethane
Concen: 49.127 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion: 85 Resp: 70157
Ion Ratio Lower Upper
85 100
87 31.0 16.2 48.6





#3

Chloromethane

Concen: 45.085 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 52907

Ion Ratio Lower Upper

50 100

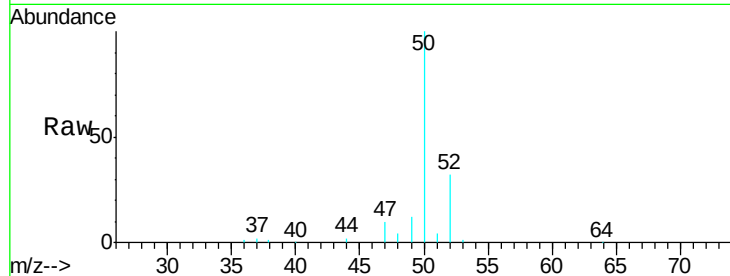
52 32.0 27.8 41.6

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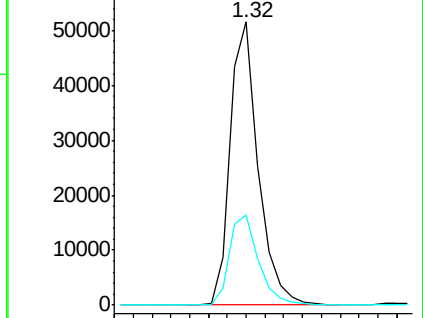
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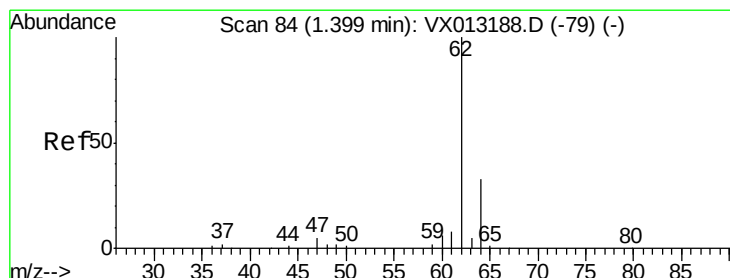
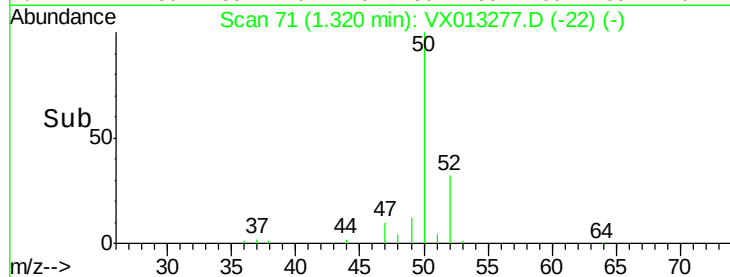


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 44.768 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013277.D

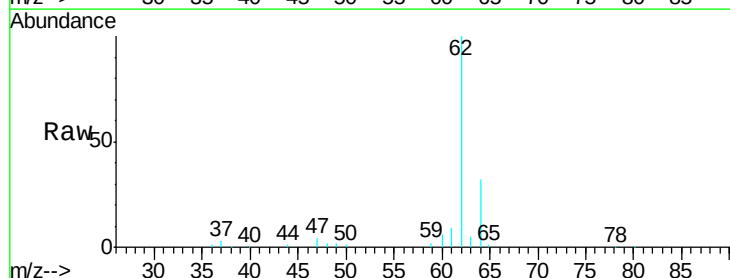
Acq: 30 Oct 2019 10:38

Tgt Ion: 62 Resp: 57536

Ion Ratio Lower Upper

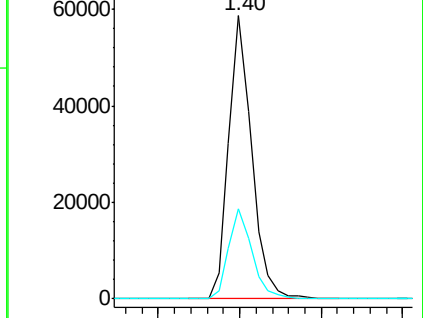
62 100

64 31.7 26.4 39.6

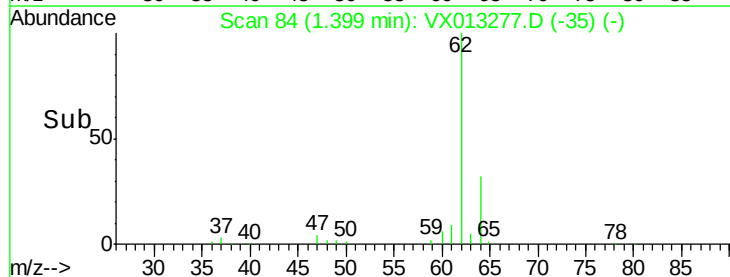


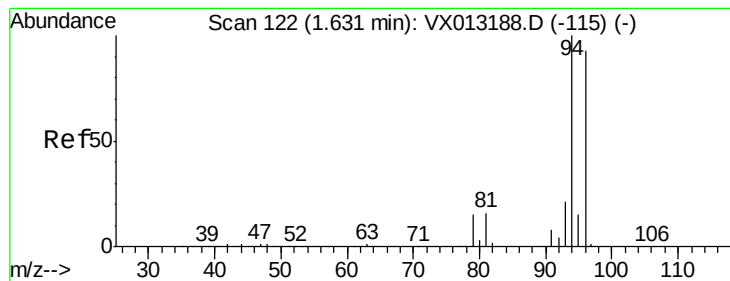
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 47.676 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 32477

Ion Ratio Lower Upper

94 100

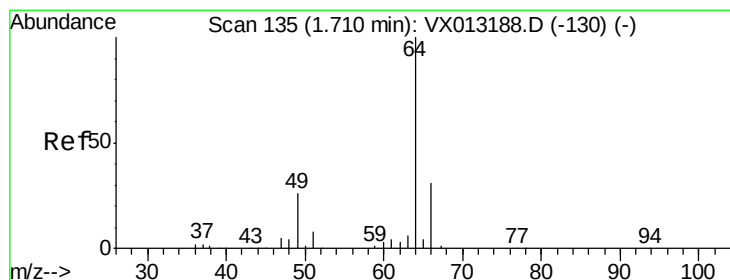
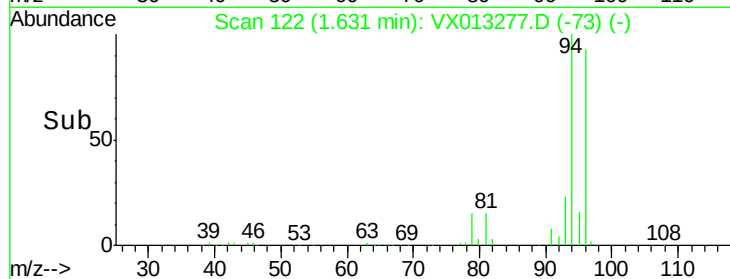
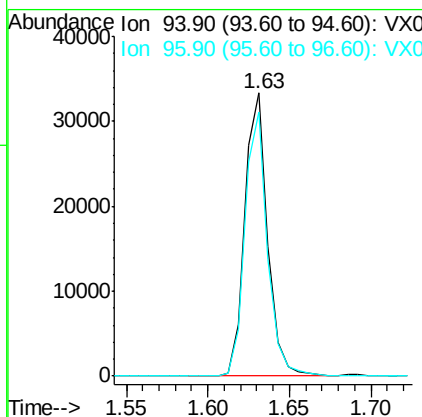
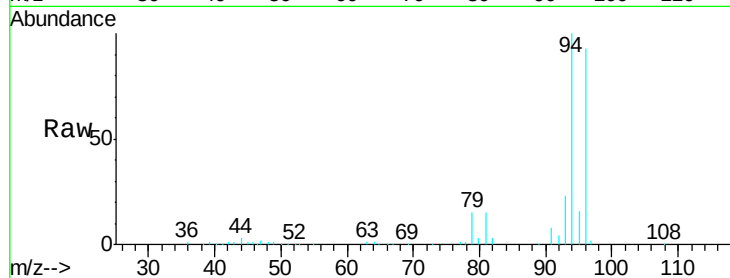
96 93.2 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 51.486 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013277.D

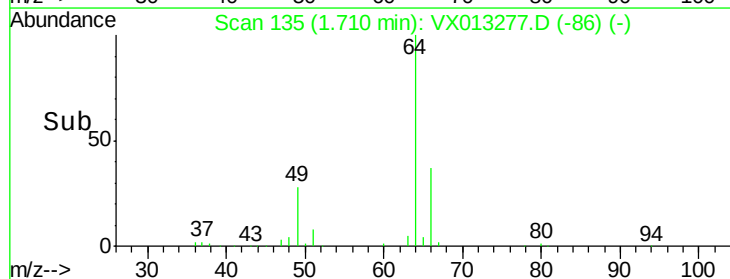
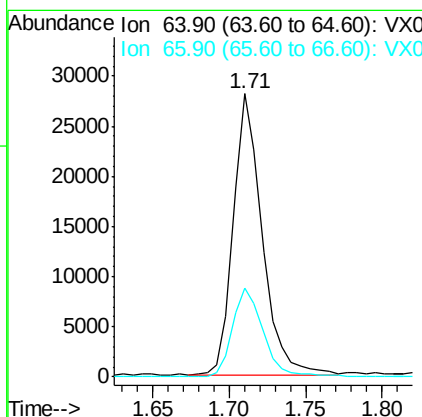
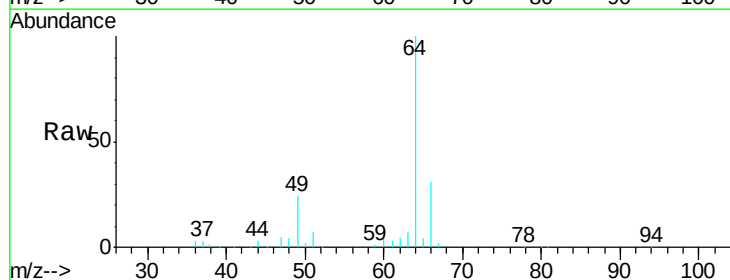
Acq: 30 Oct 2019 10:38

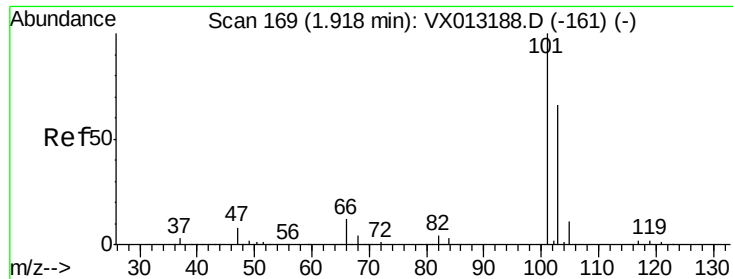
Tgt Ion: 64 Resp: 36976

Ion Ratio Lower Upper

64 100

66 31.3 25.0 37.6





#7

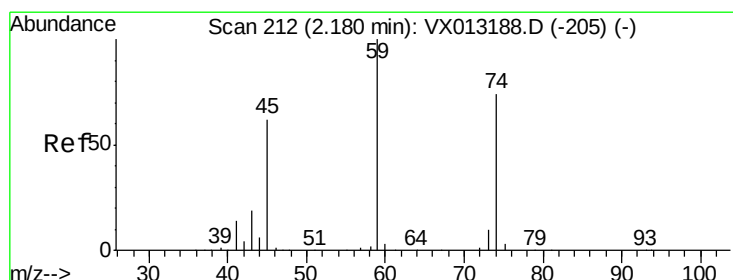
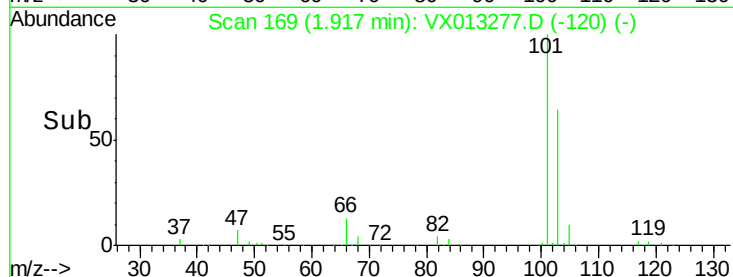
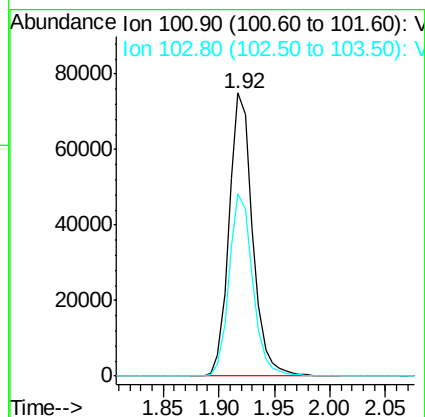
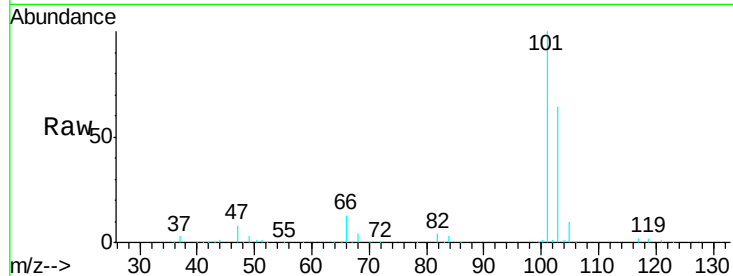
Trichlorofluoromethane
Concen: 53.975 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 101 Resp: 109512
Ion Ratio Lower Upper
101 100
103 64.2 53.0 79.6

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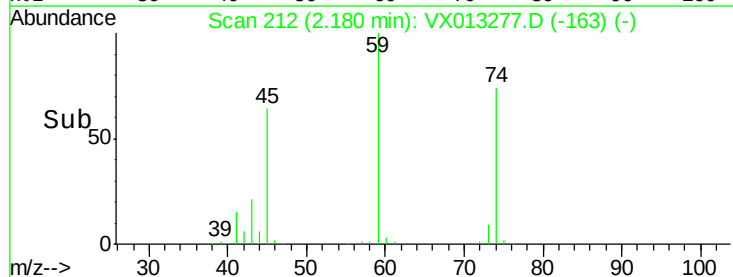
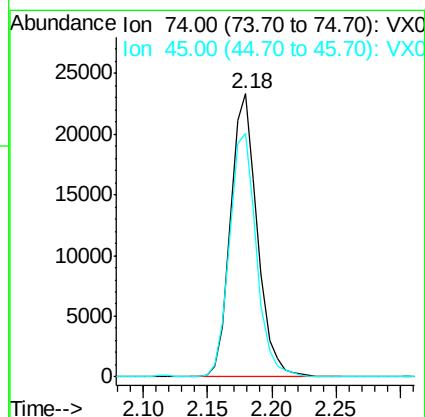
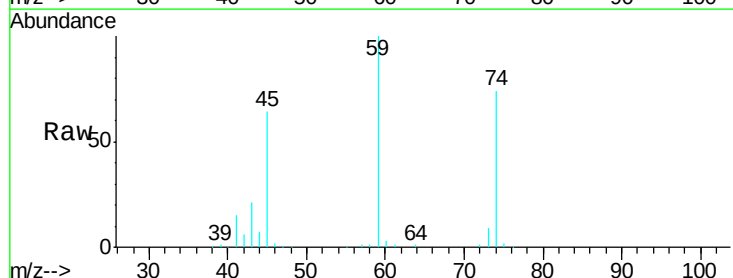
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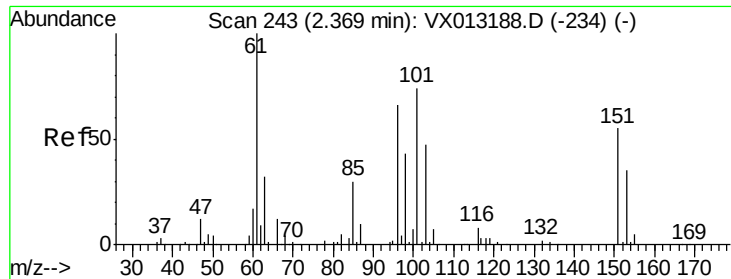


#8

Diethyl Ether
Concen: 48.975 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion: 74 Resp: 34065
Ion Ratio Lower Upper
74 100
45 86.6 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.933 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

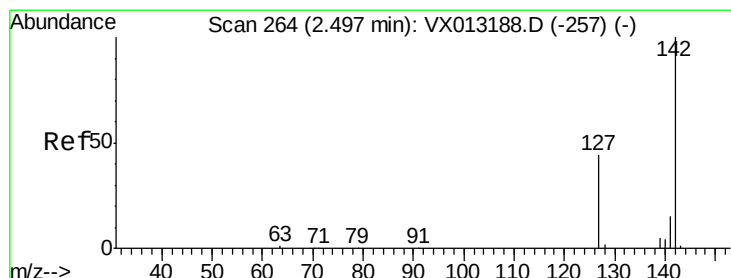
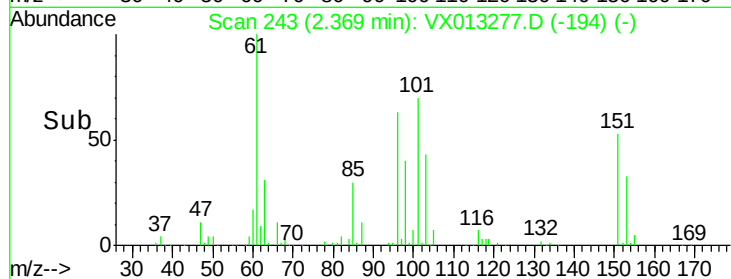
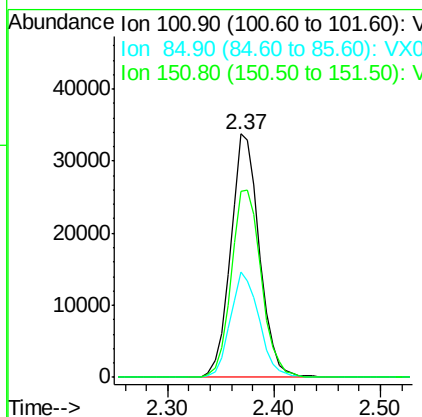
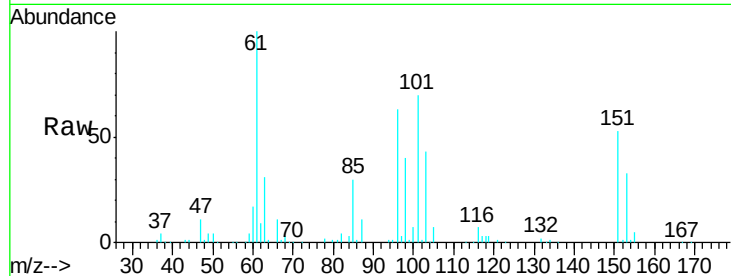
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	63970
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.0	51.0
151	80.3	62.0	93.0

Manual Integrations
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#10

Methyl Iodide

Concen: 49.138 ug/l

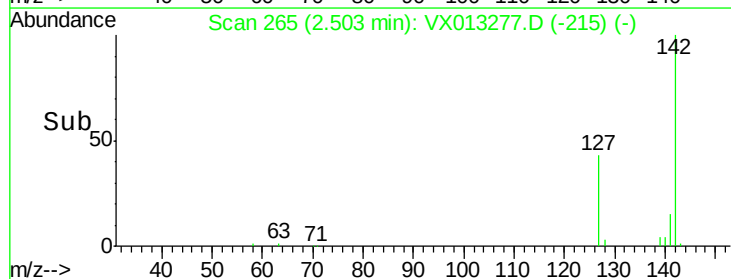
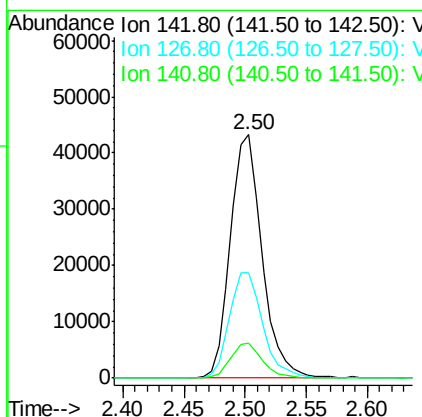
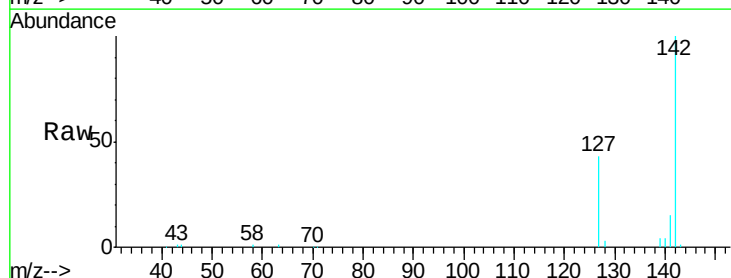
RT: 2.50 min Scan# 265

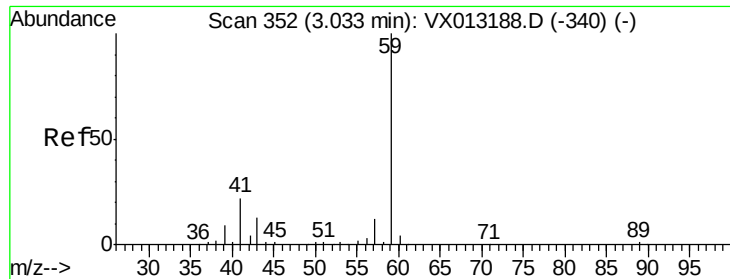
Delta R.T. 0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Tgt Ion:	142	Resp:	77649
Ion Ratio	Lower	Upper	
142	100		
127	45.8	35.6	53.4
141	14.4	11.6	17.4





#11

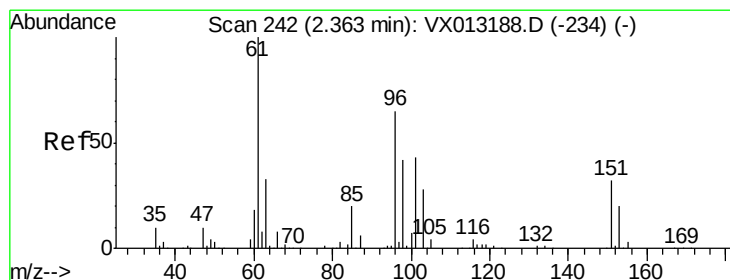
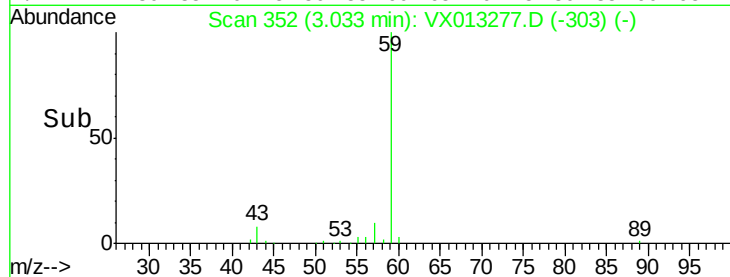
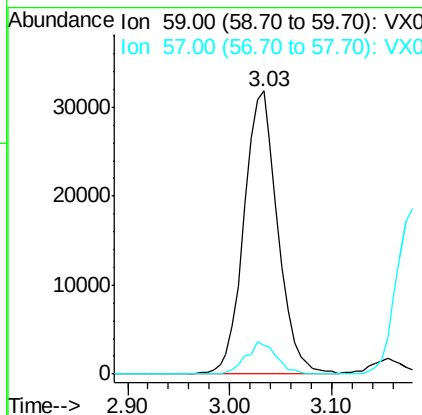
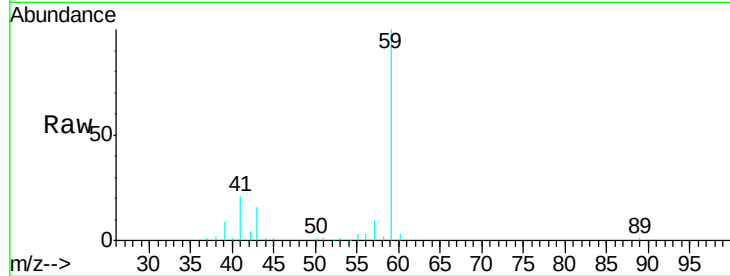
Tert butyl alcohol
Concen: 228.406 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 73378
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

Manual Integrations
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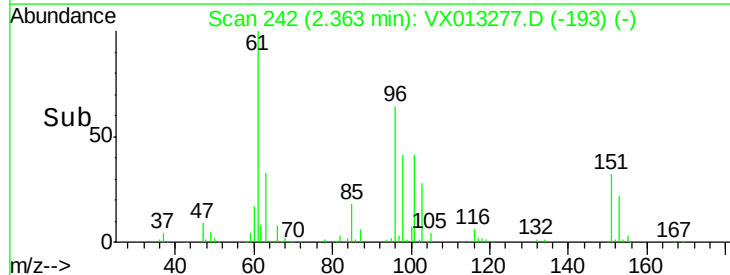
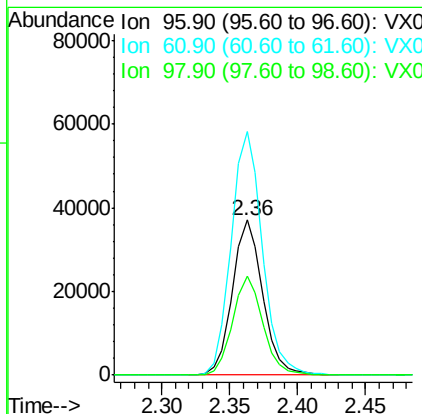
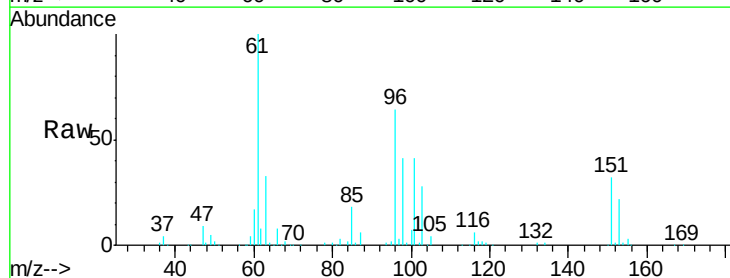
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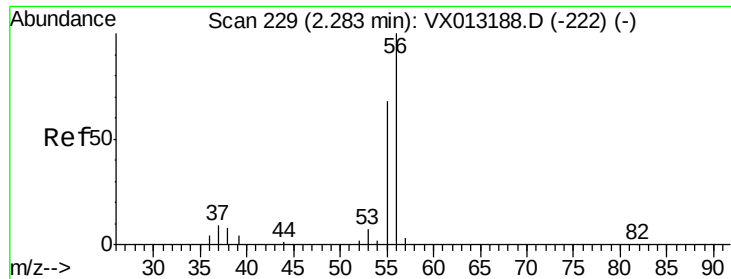


#12

1,1-Dichloroethene
Concen: 47.834 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion: 96 Resp: 57670
Ion Ratio Lower Upper
96 100
61 157.1 123.8 185.8
98 63.6 51.6 77.4





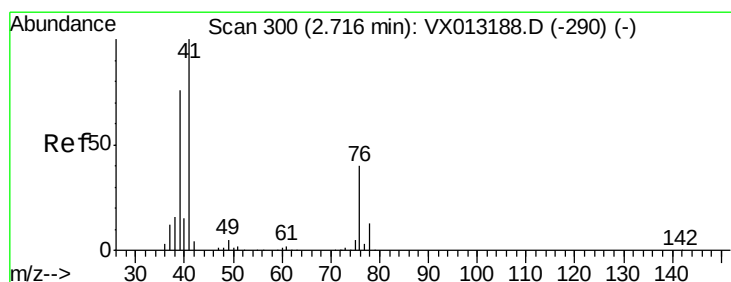
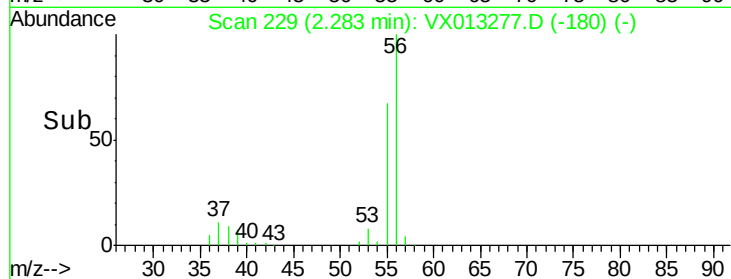
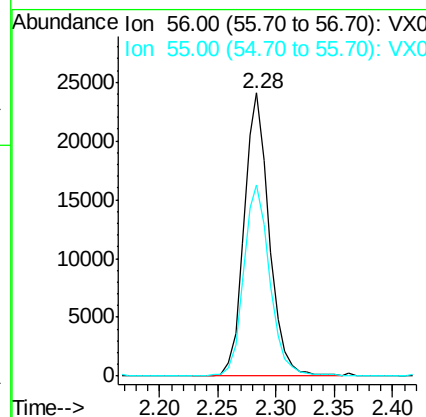
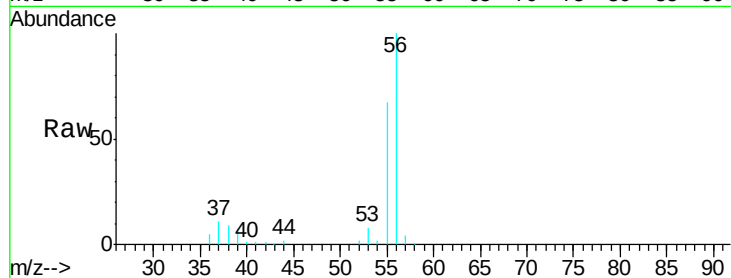
#13
Acrolein
Concen: 208.660 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.2	58.9	88.3

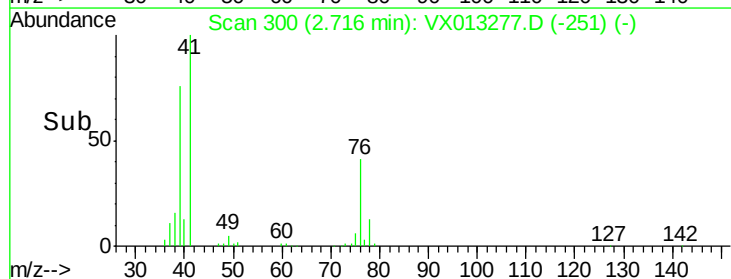
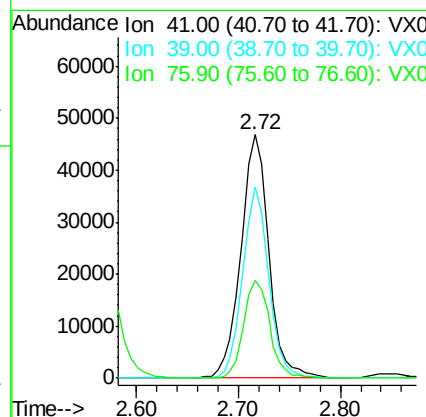
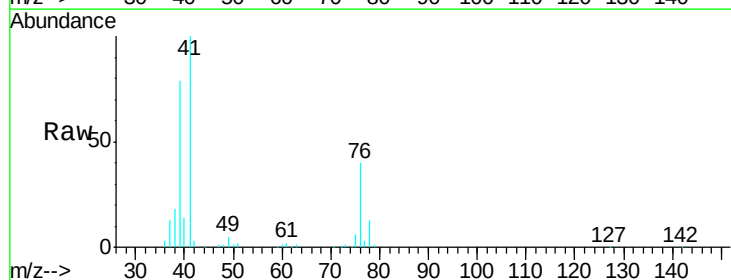
Manual Integrations
APPROVED

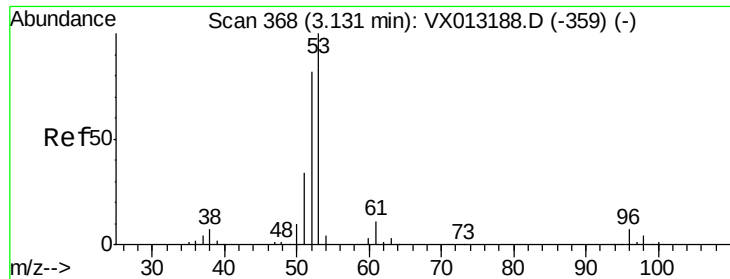
MMDadoda
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#14
Allyl chloride
Concen: 46.860 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion	Ratio	Lower	Upper
41	100		
39	73.2	54.6	81.8
76	37.6	29.8	44.6





#15

Acrylonitrile

Concen: 233.937 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

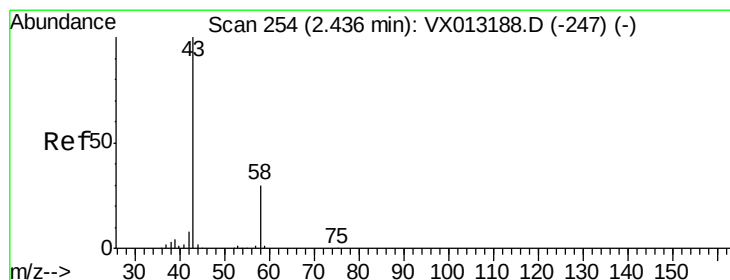
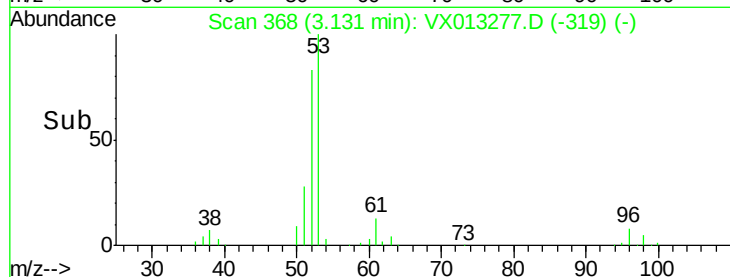
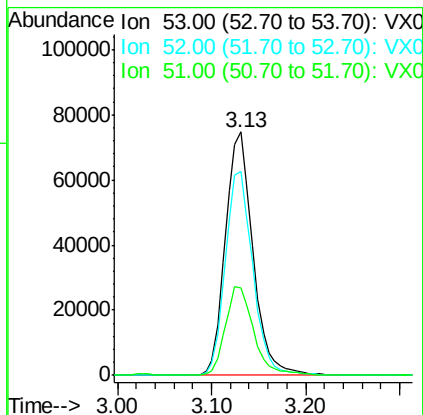
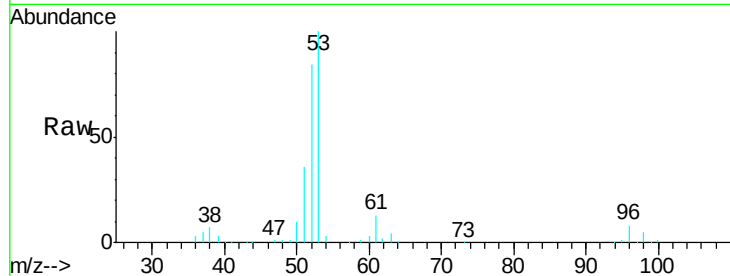
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	152637
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.4	99.6
51	37.5	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 265.042 ug/l

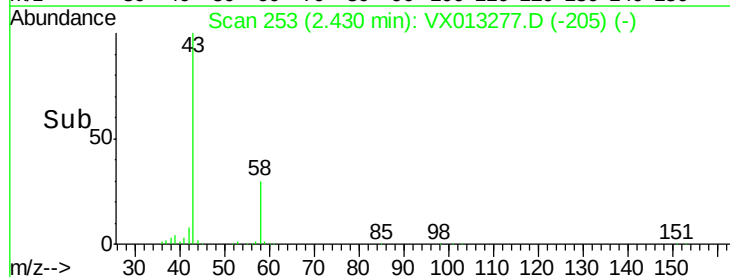
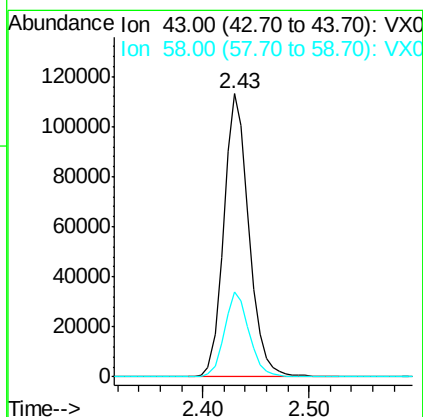
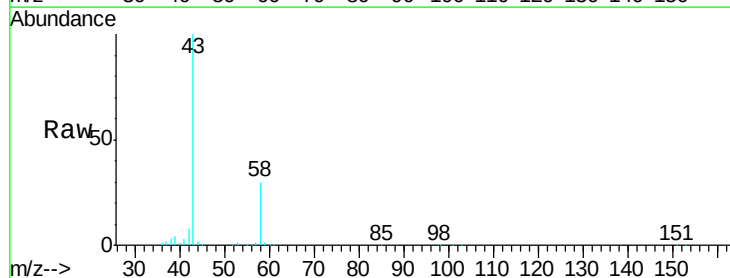
RT: 2.43 min Scan# 253

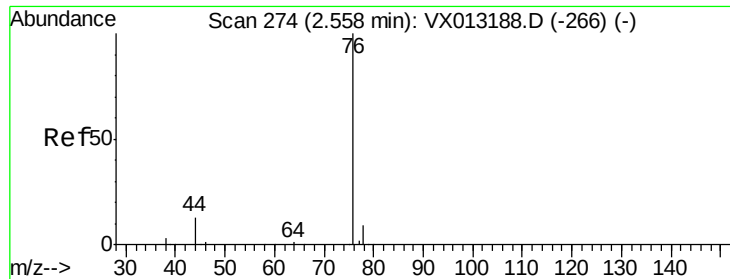
Delta R.T. -0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Tgt Ion:	43	Resp:	184837
Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.8	35.6





#17

Carbon Disulfide

Concen: 44.564 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 144447

Ion Ratio Lower Upper

76 100

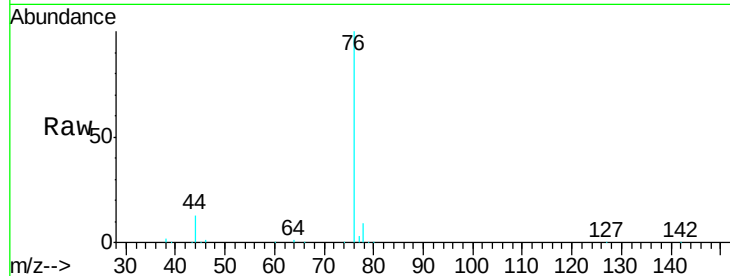
78 8.7 7.4 11.2

Manual Integrations

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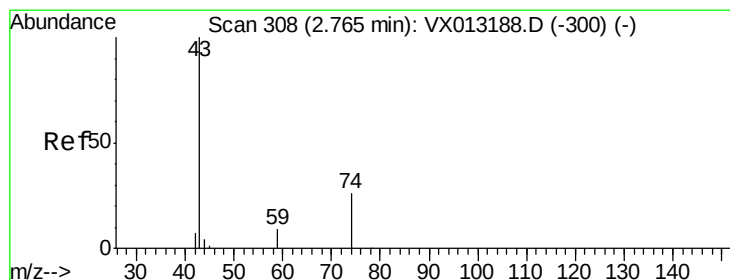
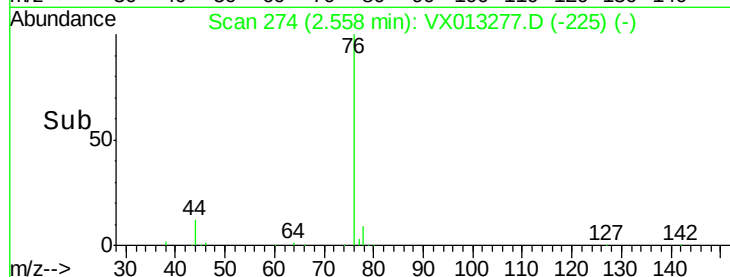
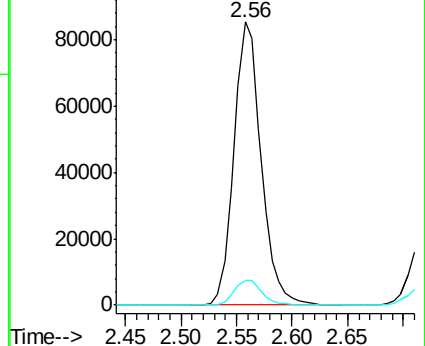
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.618 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX013277.D

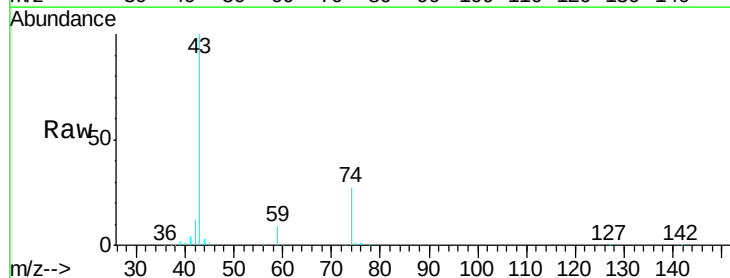
Acq: 30 Oct 2019 10:38

Tgt Ion: 43 Resp: 73993

Ion Ratio Lower Upper

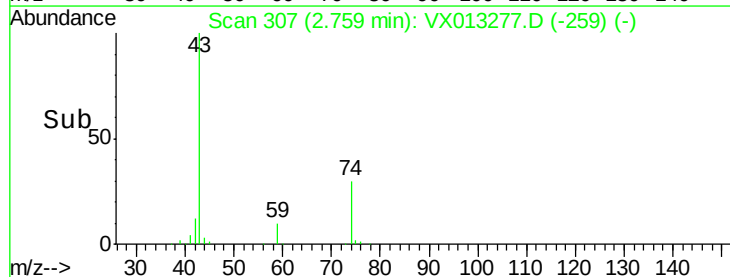
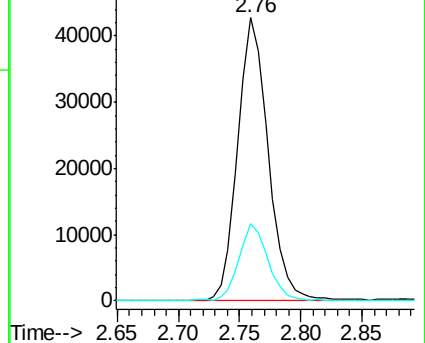
43 100

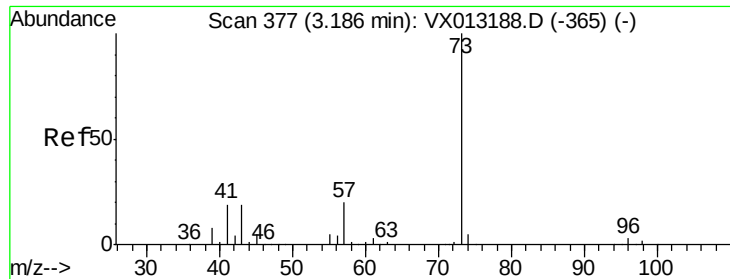
74 26.7 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





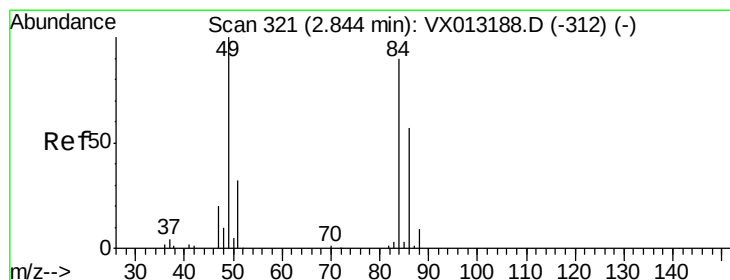
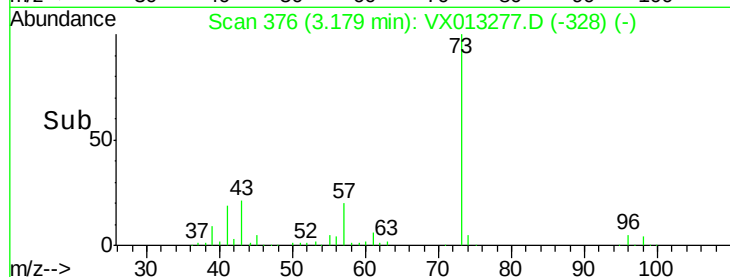
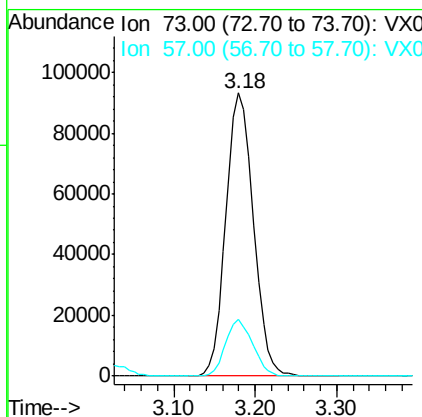
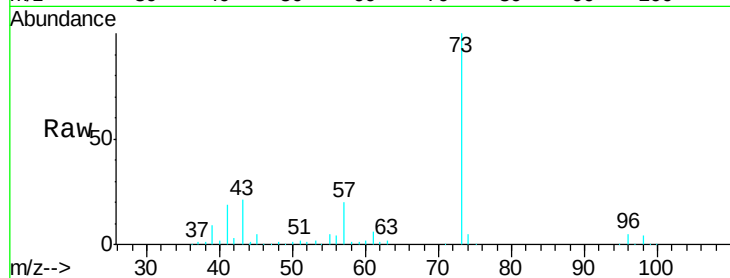
#19
Methyl tert-butyl Ether
Concen: 51.159 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 217203
Ion Ratio Lower Upper
73 100
57 19.9 15.8 23.8

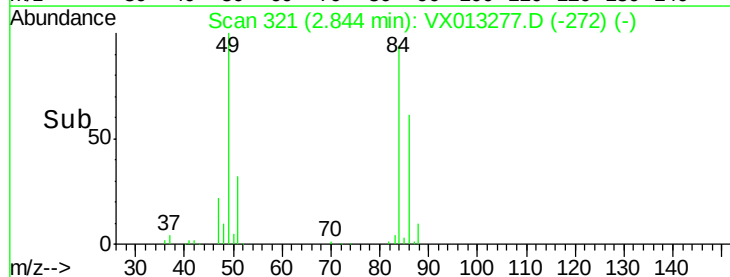
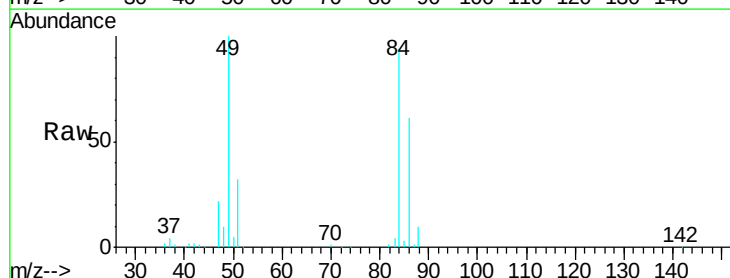
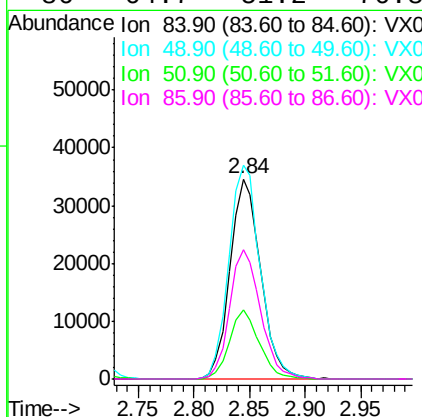
Manual Integrations
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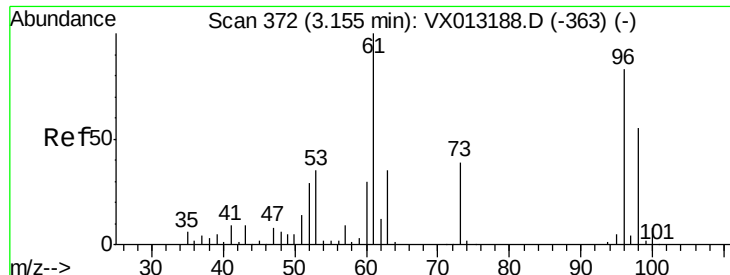
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#20
Methylene Chloride
Concen: 50.721 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion: 84 Resp: 66153
Ion Ratio Lower Upper
84 100
49 106.9 89.2 133.8
51 34.5 28.8 43.2
86 64.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 50.785 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

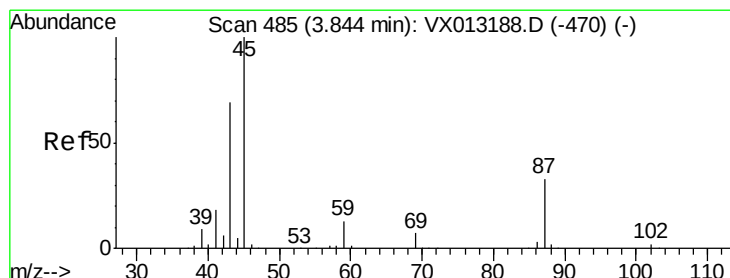
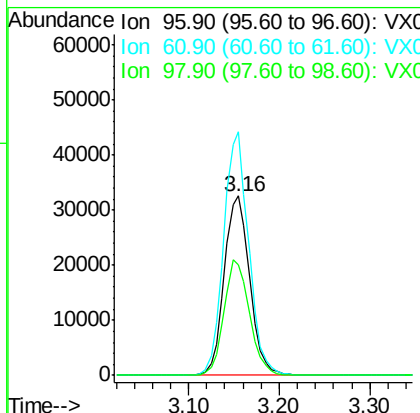
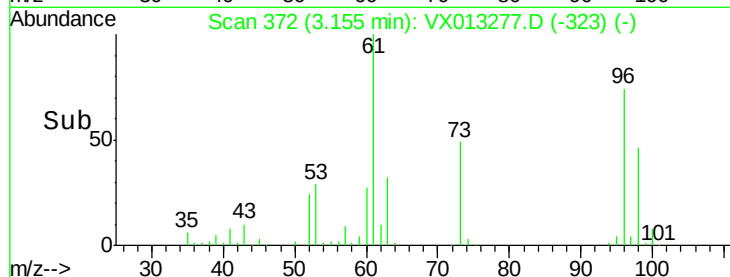
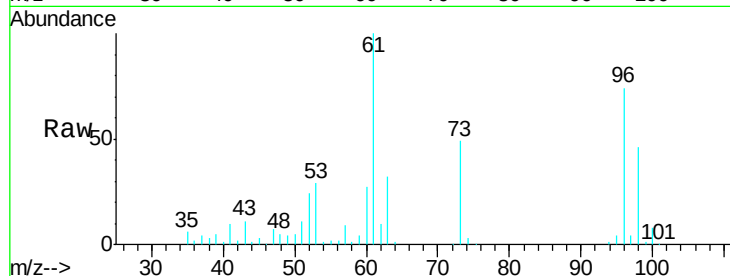
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	63716
Ion	Ratio	Lower	Upper
96	100		
61	135.9	96.9	145.3
98	62.0	53.0	79.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.830 ug/l

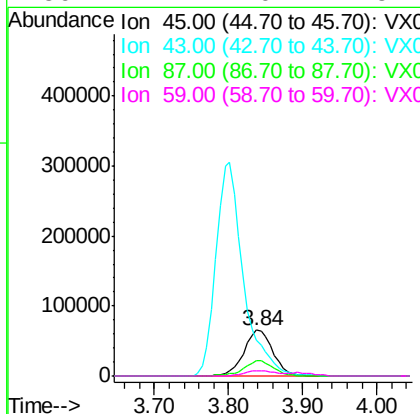
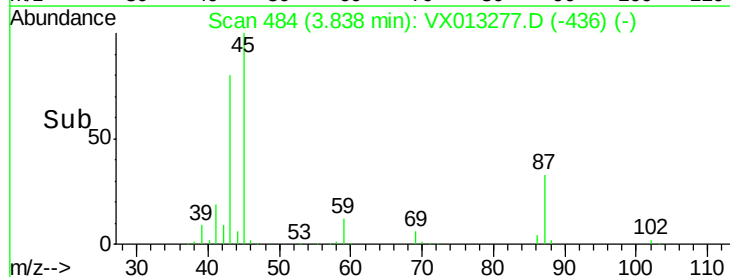
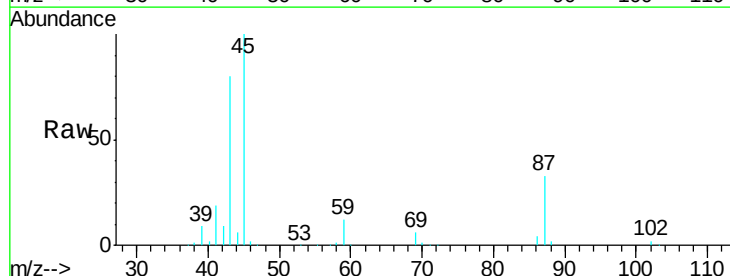
RT: 3.84 min Scan# 484

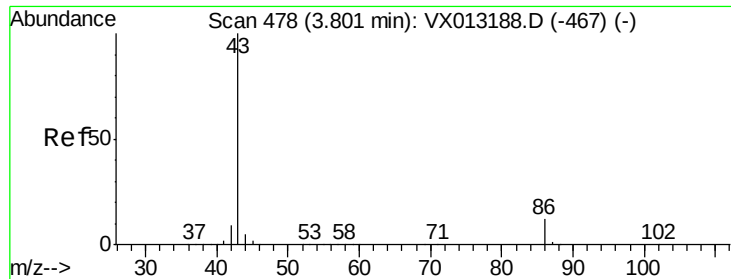
Delta R.T. -0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Tgt Ion:	45	Resp:	181221
Ion	Ratio	Lower	Upper
45	100		
43	79.2	55.5	83.3
87	33.1	26.7	40.1
59	11.7	10.2	15.2





#23

Vinyl Acetate

Concen: 248.305 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 783253

Ion Ratio Lower Upper

43 100

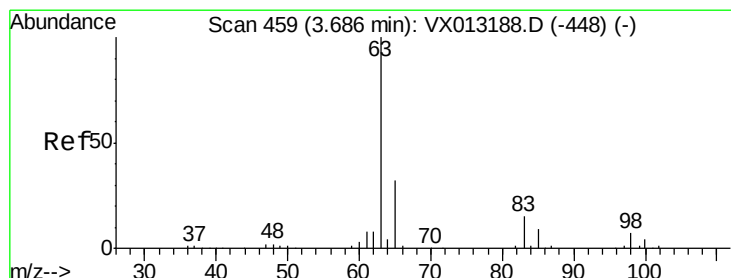
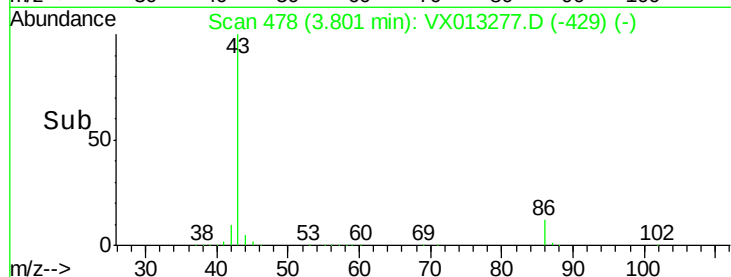
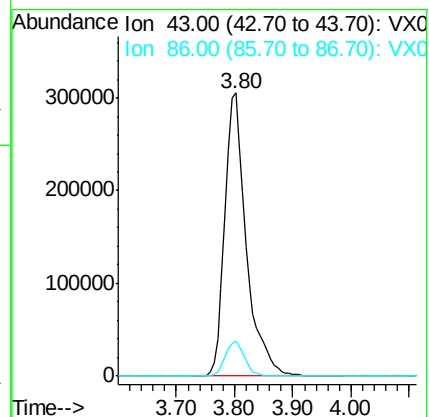
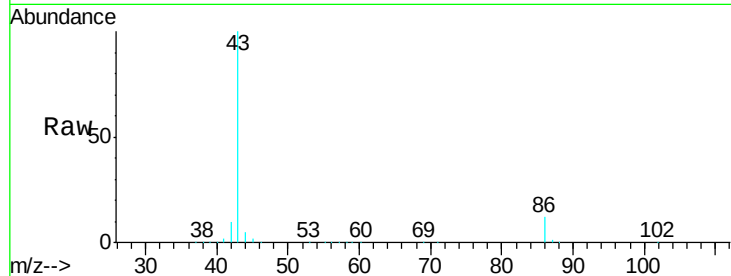
86 12.4 9.7 14.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.532 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

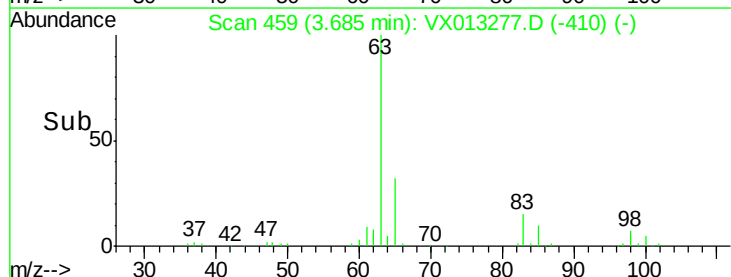
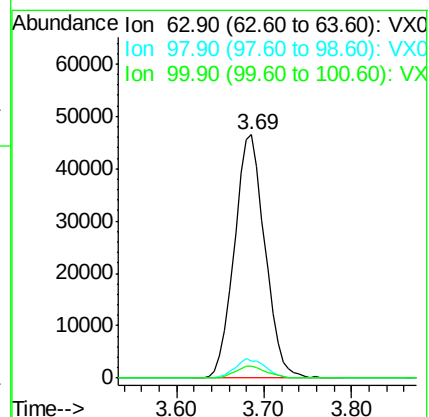
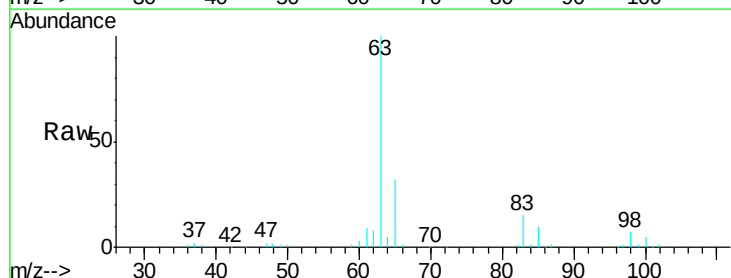
Tgt Ion: 63 Resp: 113068

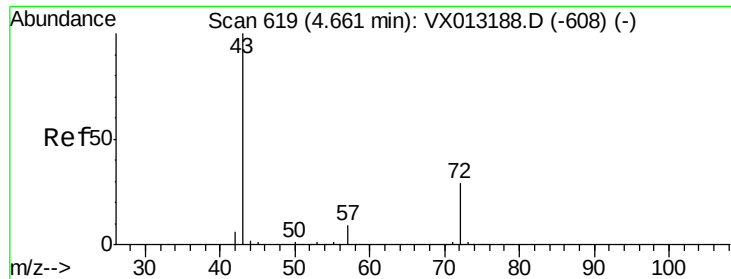
Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.2

100 4.8 2.2 6.6





#25

2-Butanone

Concen: 236.003 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 220726

Ion Ratio Lower Upper

43 100

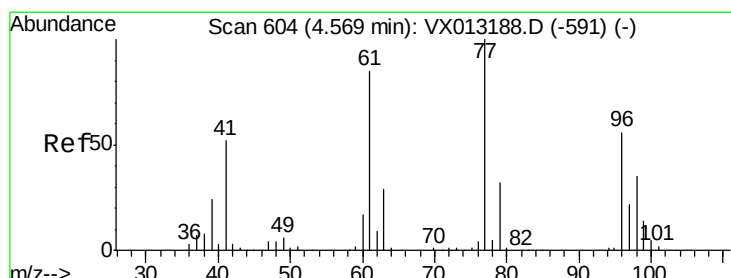
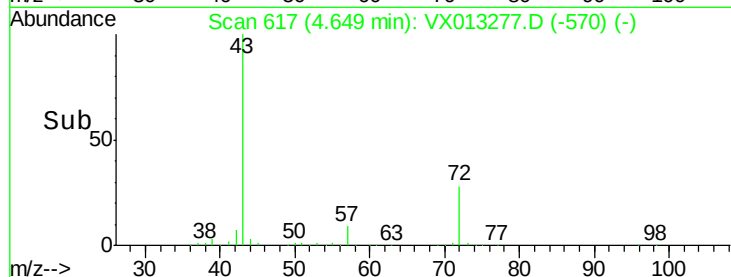
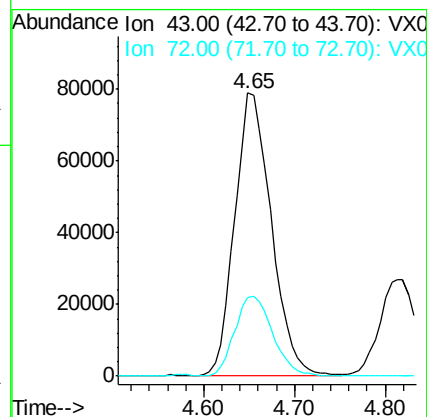
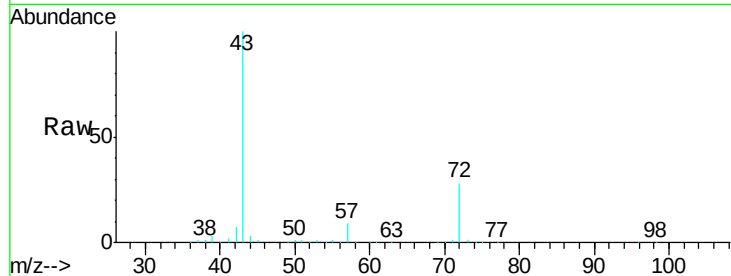
72 27.7 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 53.124 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013277.D

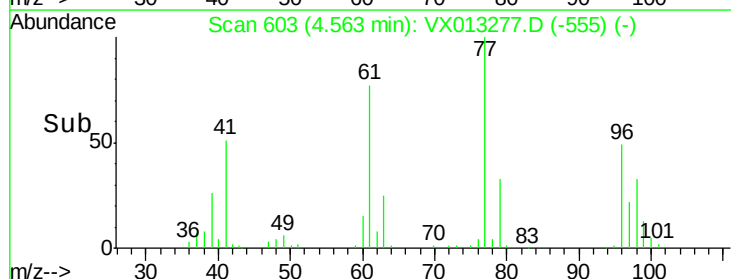
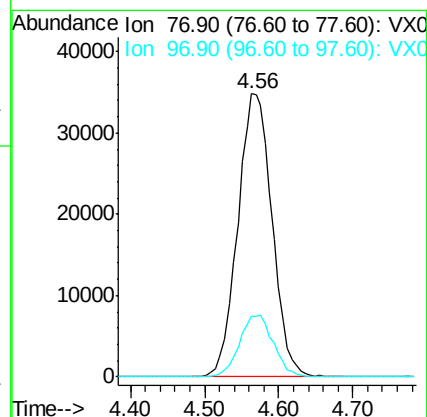
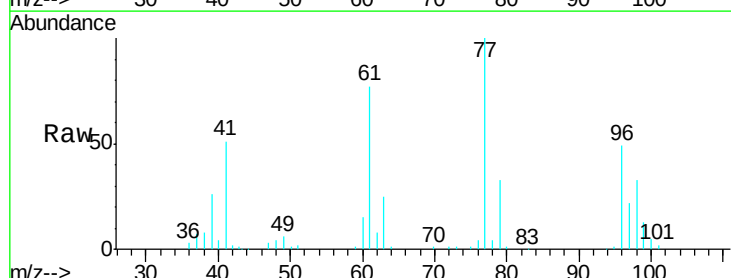
Acq: 30 Oct 2019 10:38

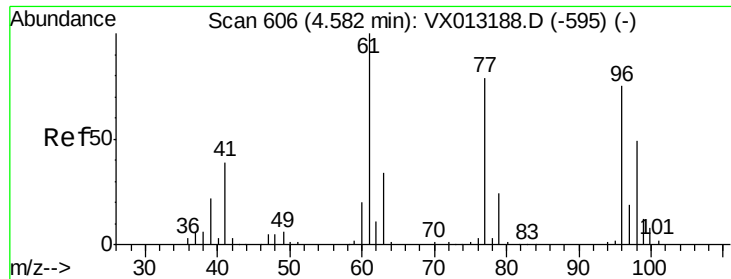
Tgt Ion: 77 Resp: 112076

Ion Ratio Lower Upper

77 100

97 21.7 10.9 32.6





#27

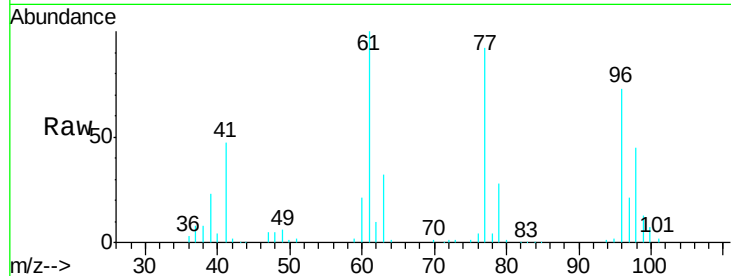
cis-1,2-Dichloroethene
Concen: 49.542 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	290.4
98	65.9	0.0	130.4

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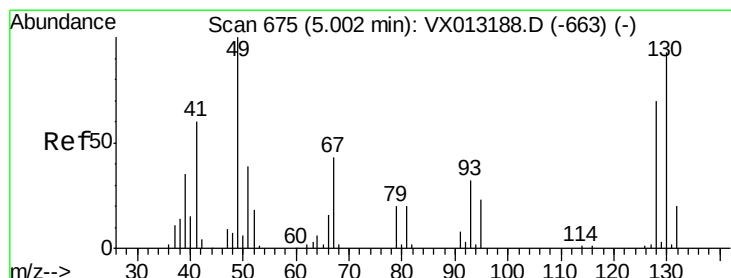
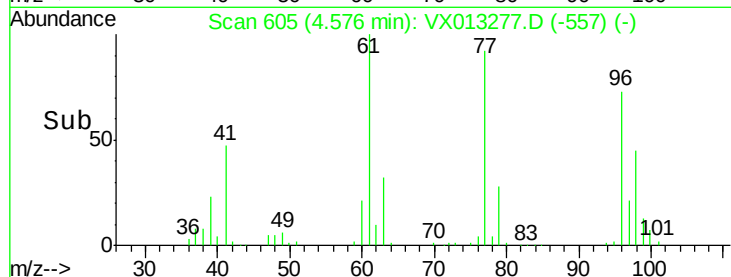
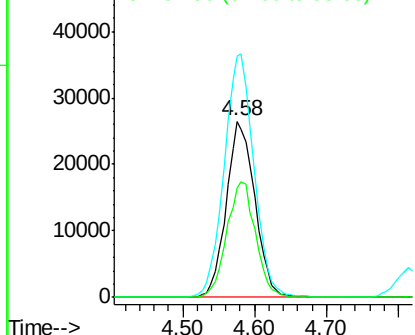


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

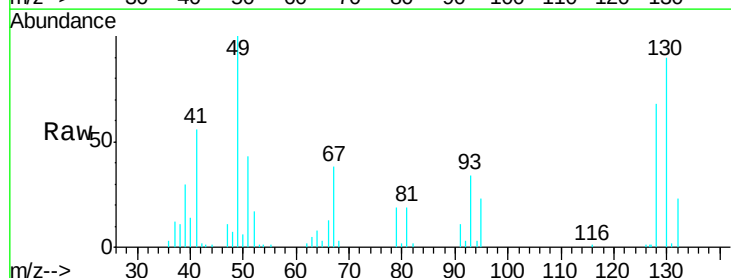
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 51.545 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.8
130	92.8	71.8	107.8

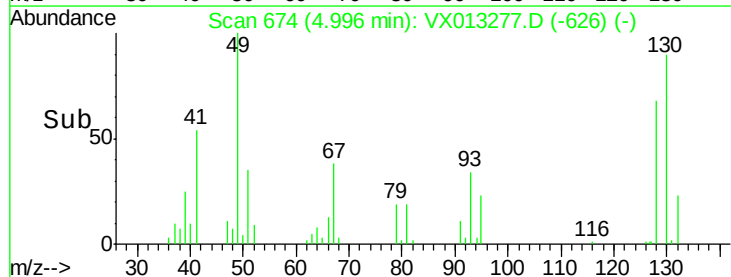
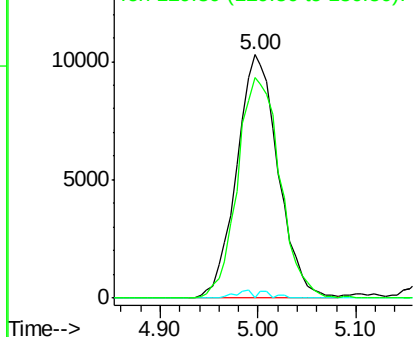


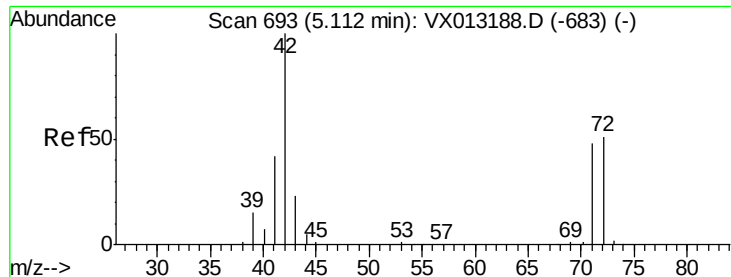
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





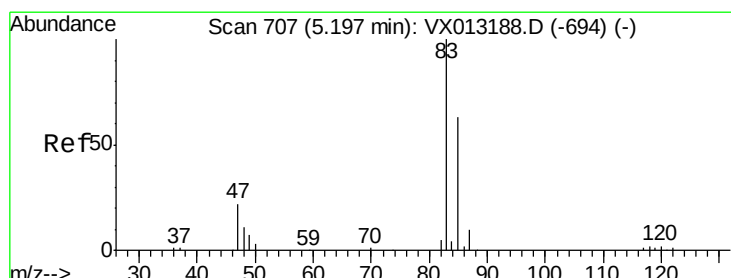
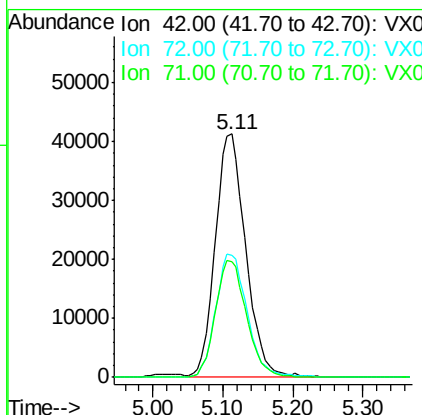
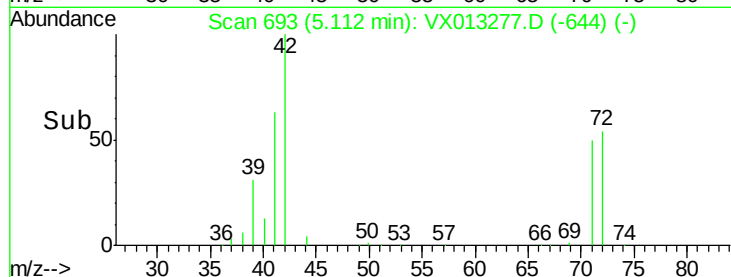
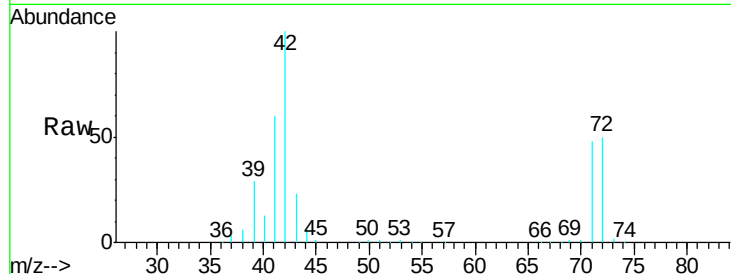
#29
Tetrahydrofuran
Concen: 220.807 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	52.6	40.9	61.3
71	49.3	38.6	57.8

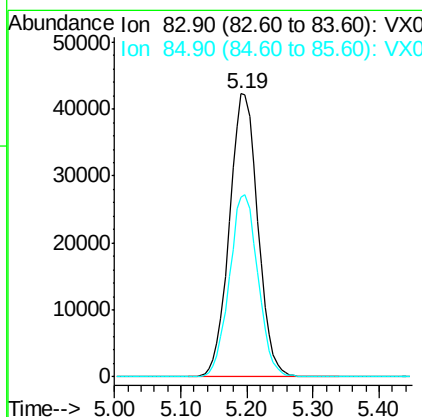
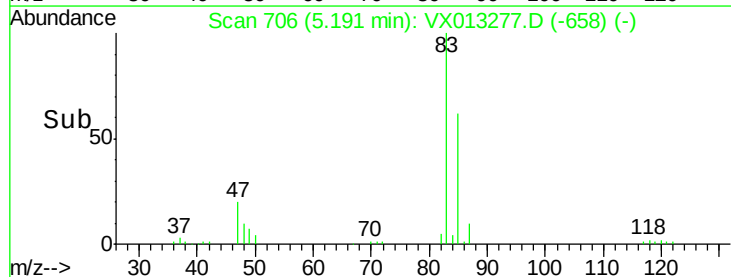
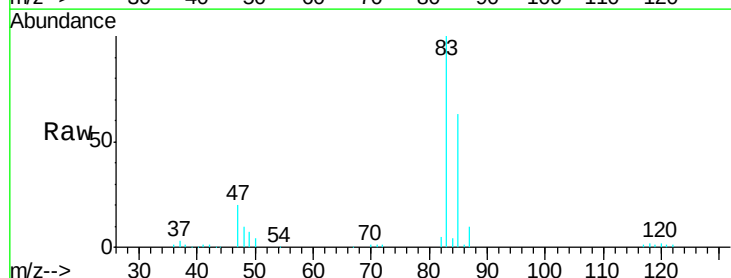
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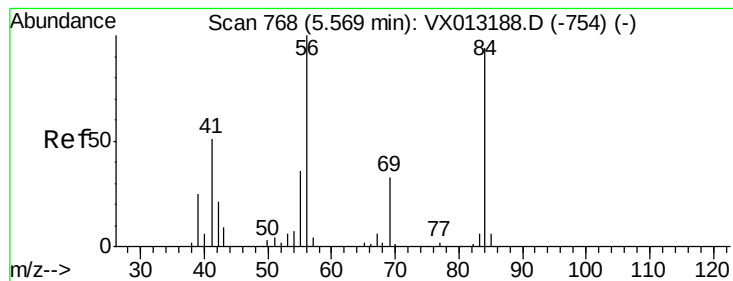
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#30
Chloroform
Concen: 51.925 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.1	75.1





#31

Cyclohexane

Concen: 48.700 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 93231
Ion Ratio Lower Upper

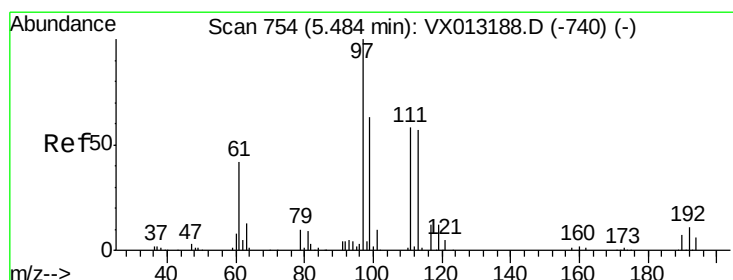
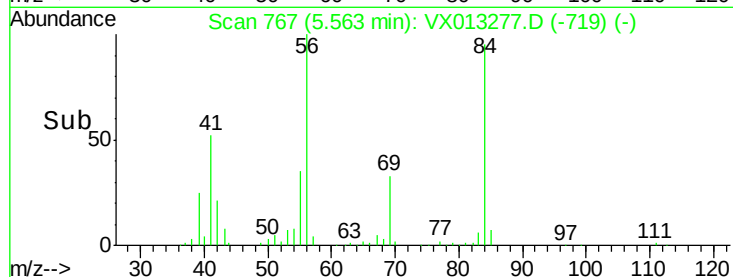
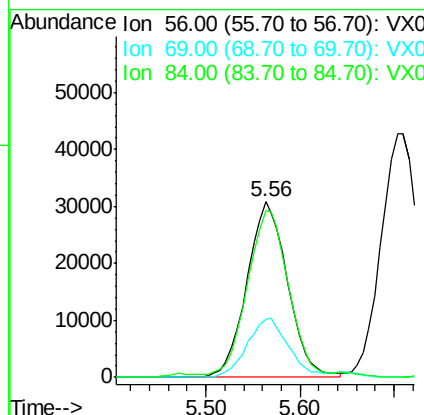
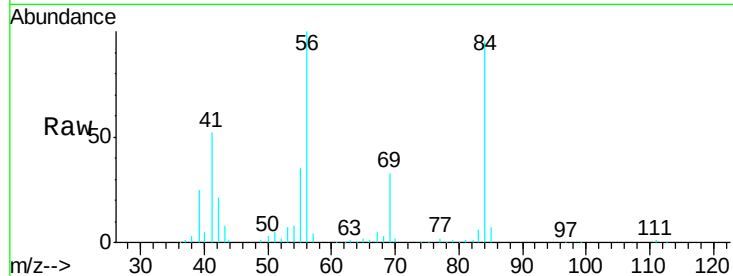
56 100

69 33.2 26.3 39.5

84 93.8 73.8 110.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 54.469 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013277.D

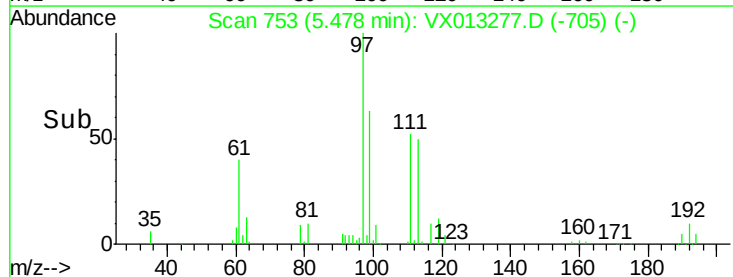
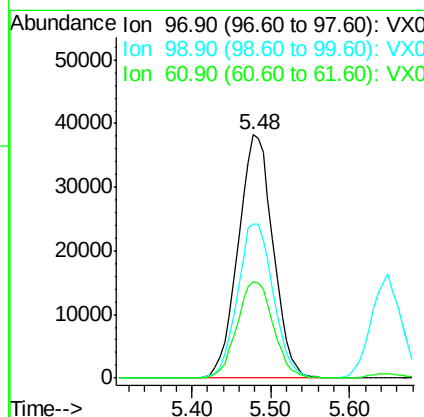
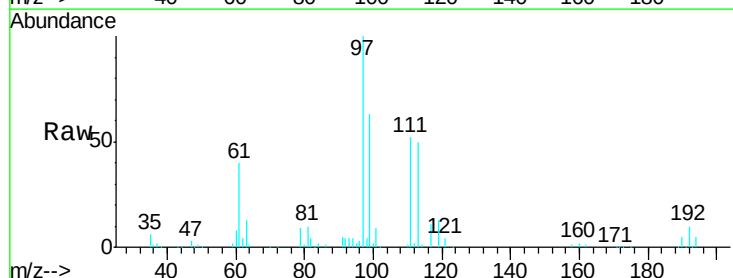
Acq: 30 Oct 2019 10:38

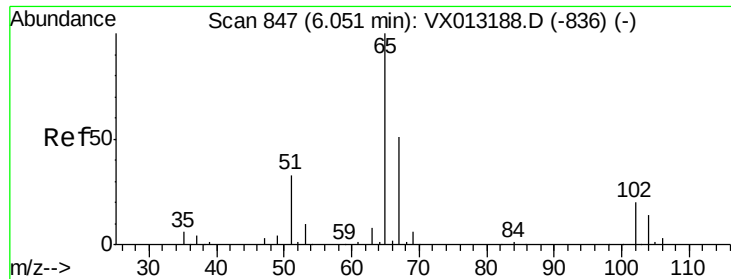
Tgt Ion: 97 Resp: 117708
Ion Ratio Lower Upper

97 100

99 65.0 50.8 76.2

61 41.2 32.8 49.2





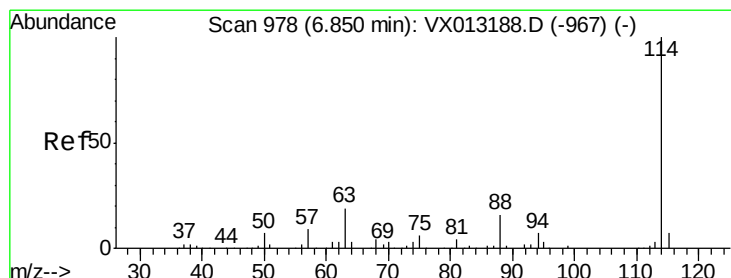
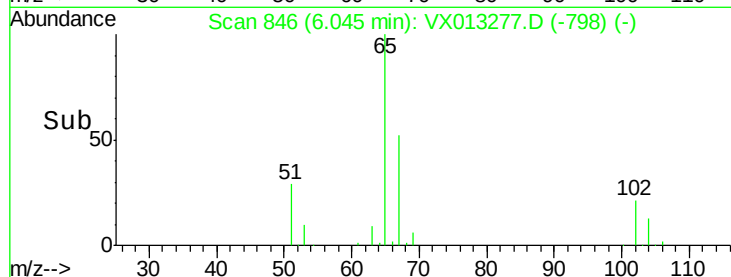
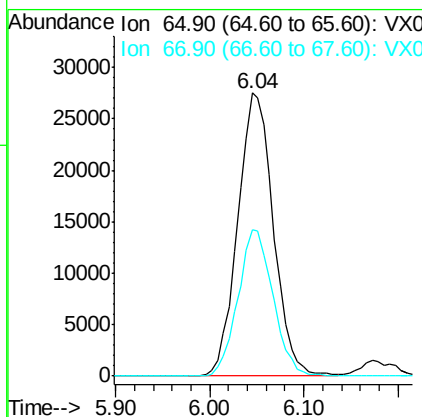
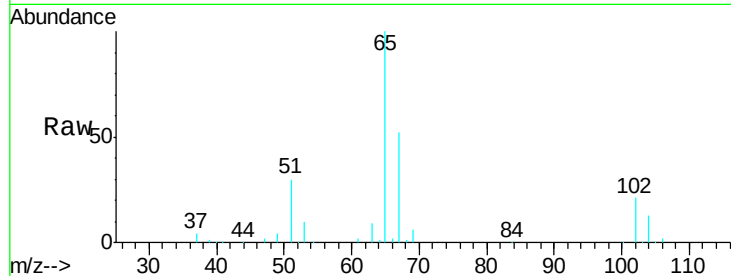
#33
 1,2-Dichloroethane-d4
 Concen: 49.137 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 72737
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6

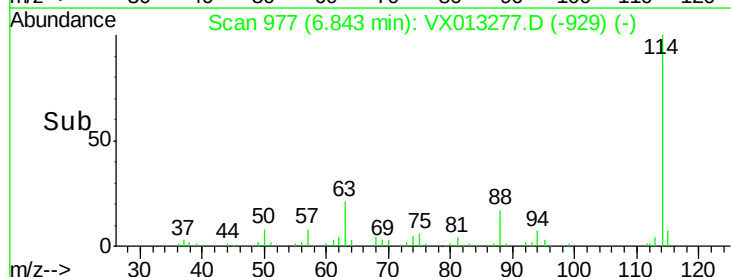
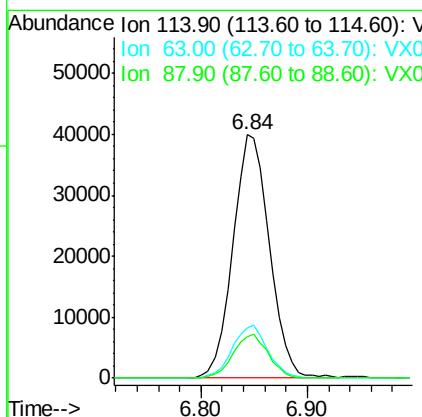
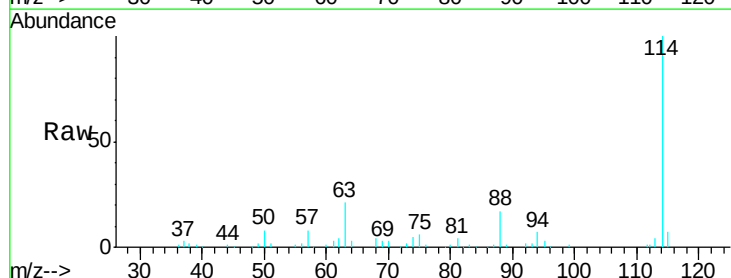
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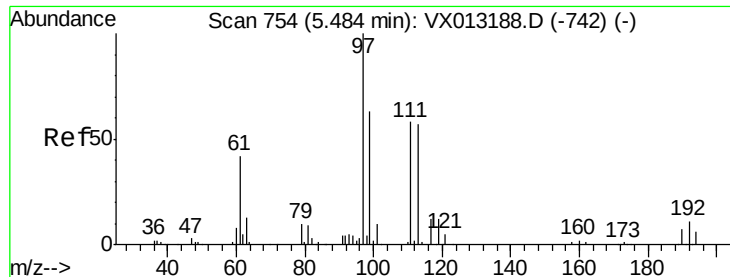
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Tgt Ion: 114 Resp: 96025
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.0
 88 17.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.914 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

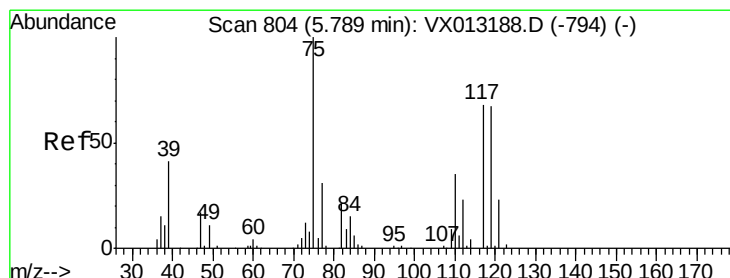
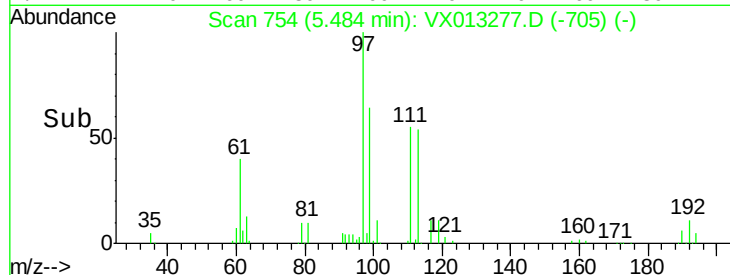
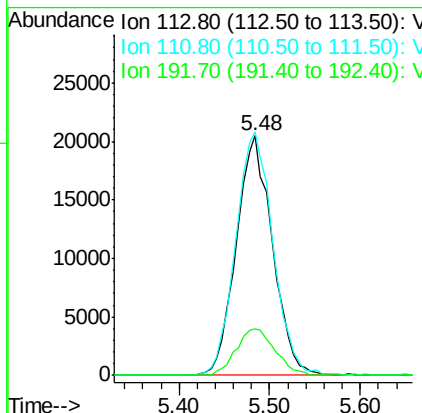
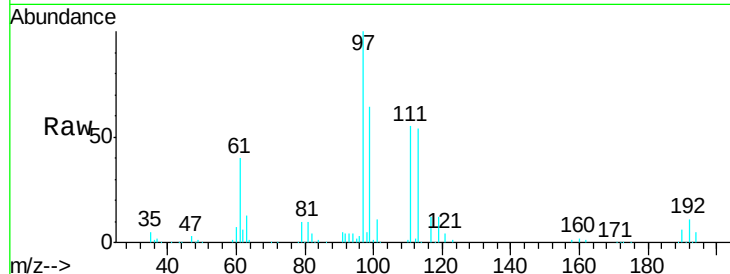
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	56661
Ion	Ratio	Lower	Upper
113	100		
111	104.6	80.3	120.5
192	20.9	15.9	23.9

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#36

1,1-Dichloropropene

Concen: 56.201 ug/l

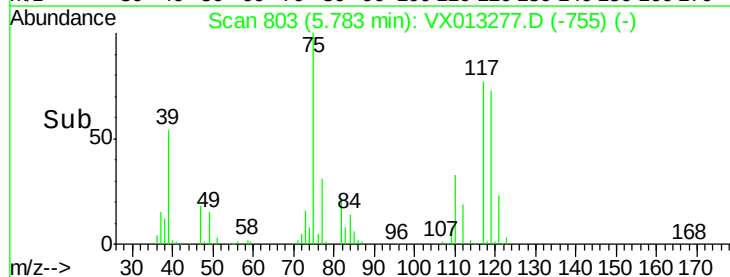
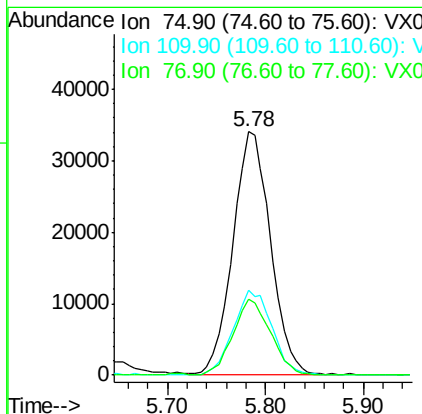
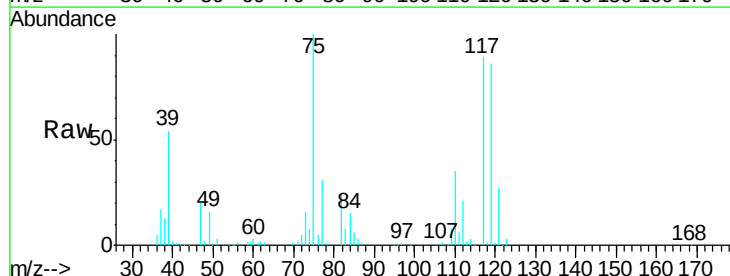
RT: 5.78 min Scan# 803

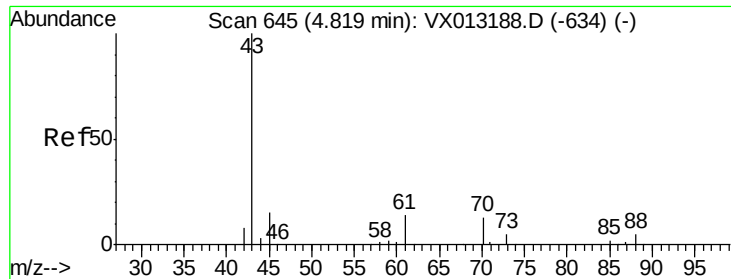
Delta R.T. -0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Tgt Ion:	75	Resp:	90321
Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.6	52.9
77	31.5	24.7	37.1





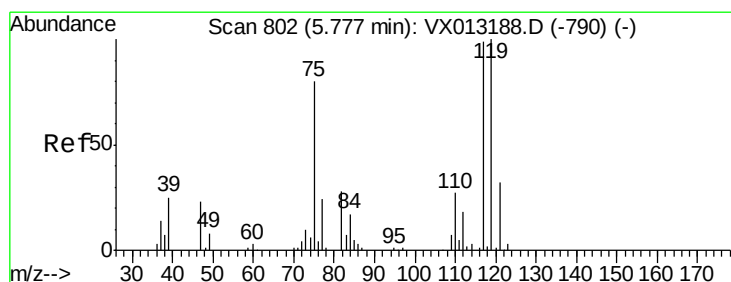
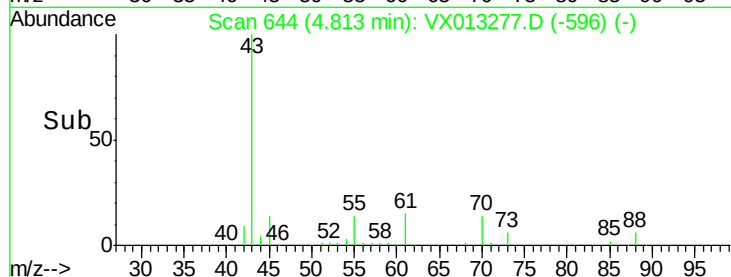
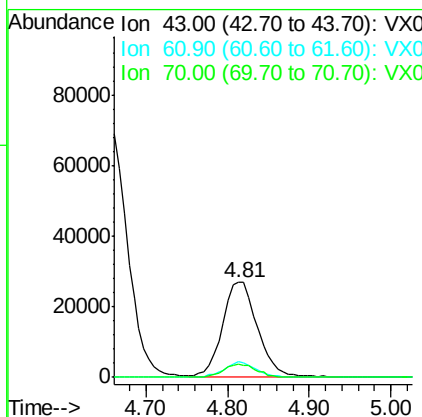
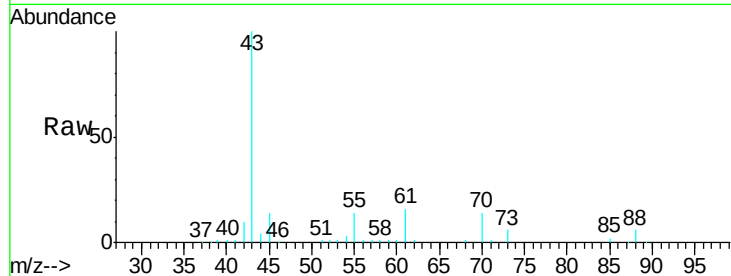
#37
Ethyl Acetate
Concen: 49.757 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.1	18.1
70	13.3	10.4	15.6

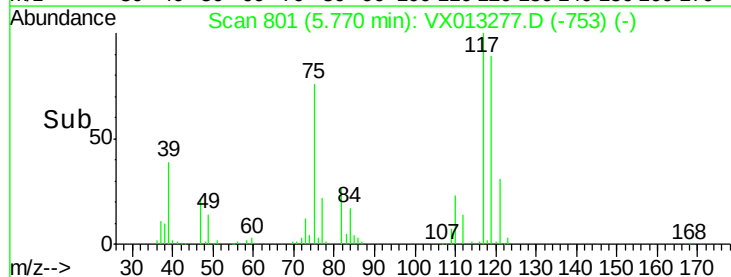
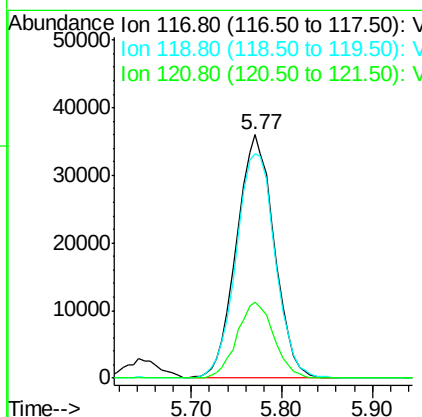
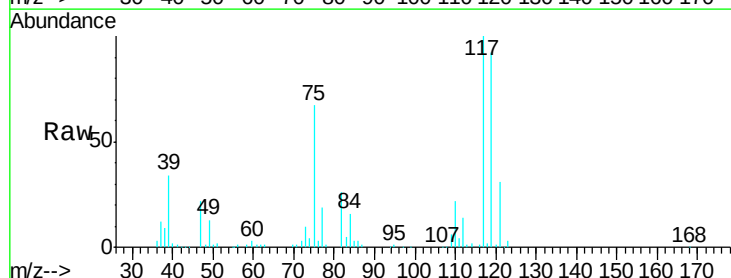
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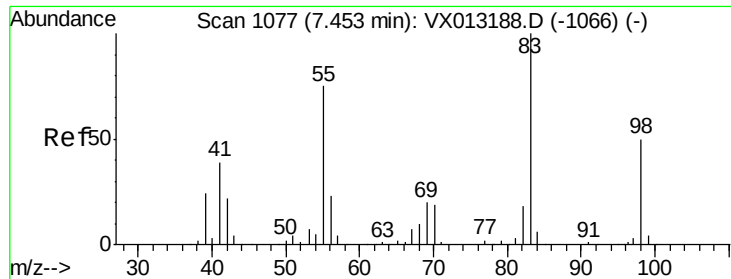
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#38
Carbon Tetrachloride
Concen: 58.509 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	80.1	120.1
121	31.1	25.5	38.3





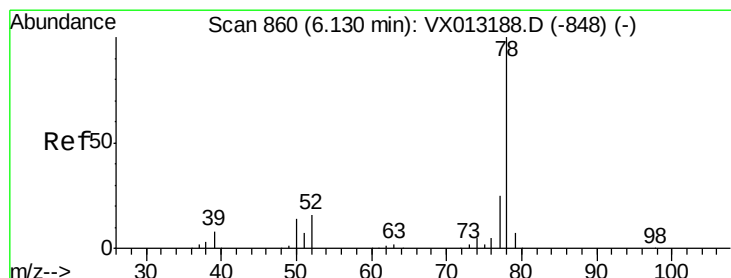
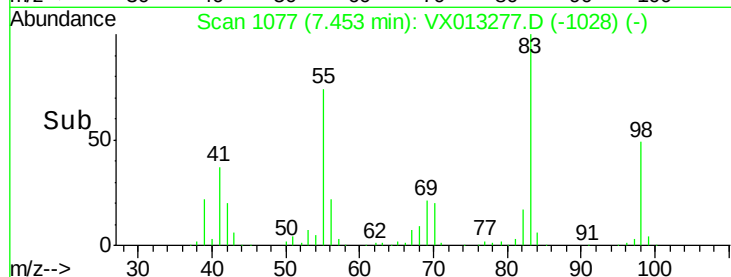
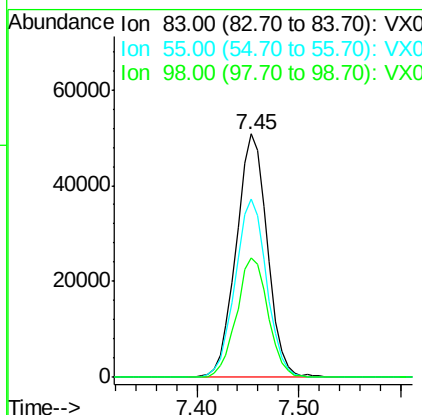
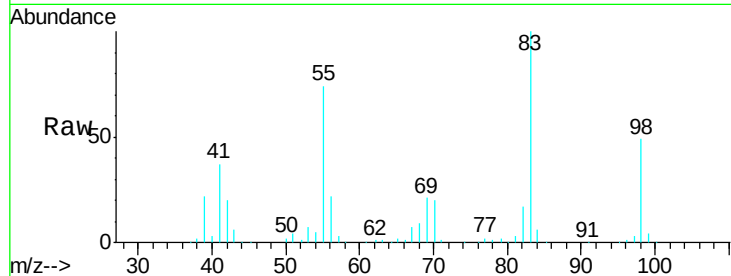
#39
Methylcyclohexane
Concen: 52.177 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	107261		
55	73.5	60.1	90.1	
98	49.3	39.8	59.8	

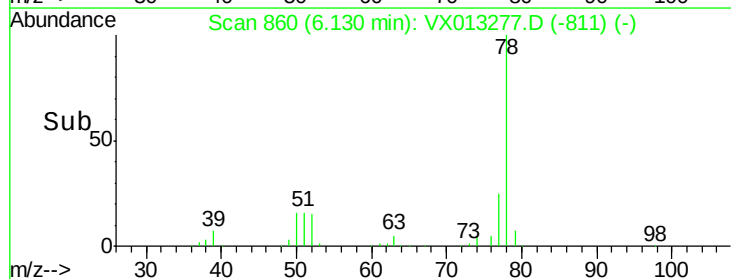
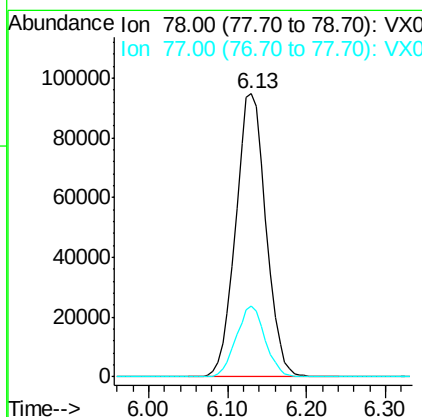
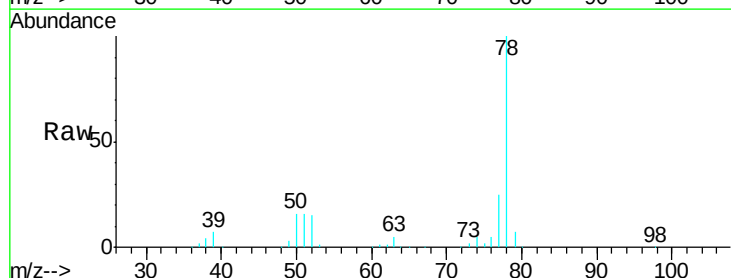
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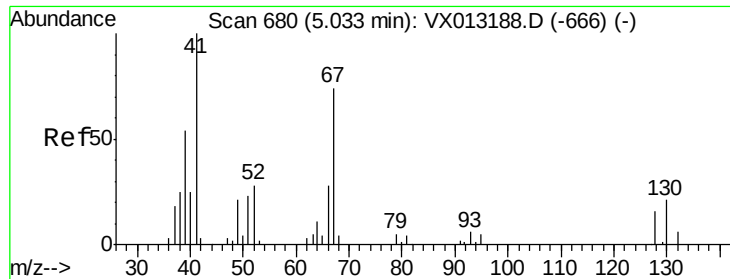
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#40
Benzene
Concen: 52.417 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	252819		
77	25.2	19.6	29.4	





#41

Methacrylonitrile

Concen: 51.681 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

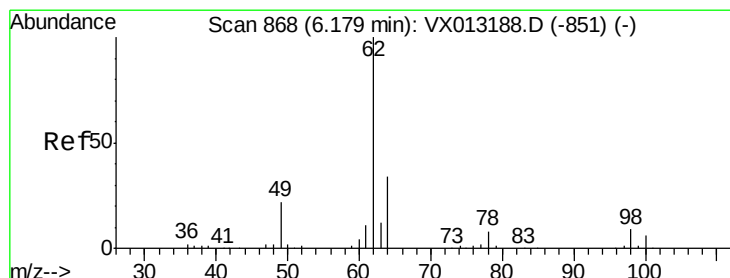
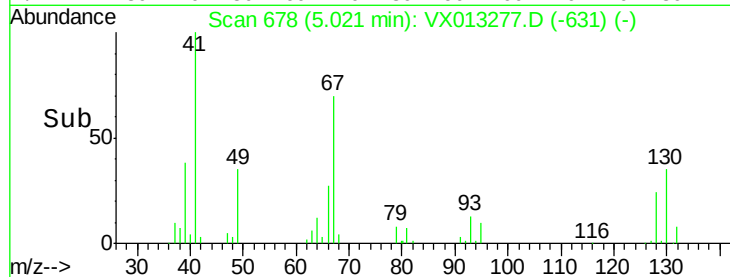
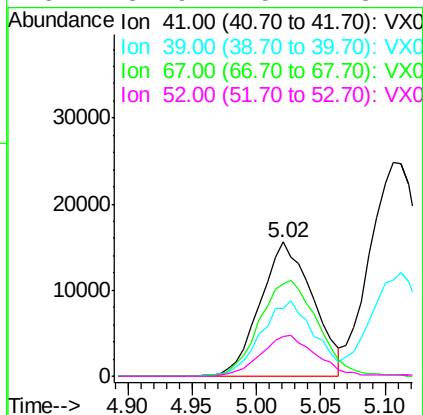
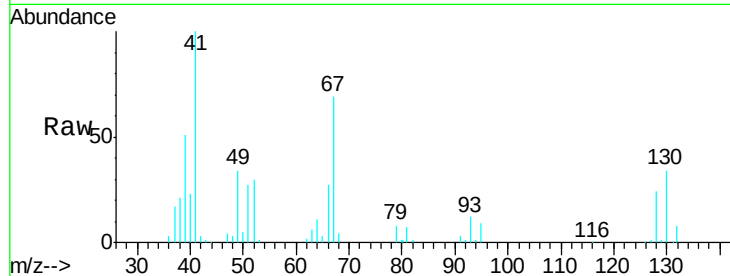
ClientSampleId :

VSTDCCC050

Tgt Ion:	41	Resp:	44338
Ion	Ratio	Lower	Upper
41	100		
39	57.2	45.2	67.8
67	78.6	61.3	91.9
52	31.9	25.1	37.7

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 56.971 ug/l

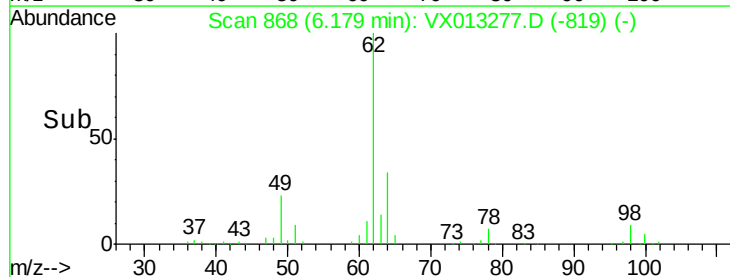
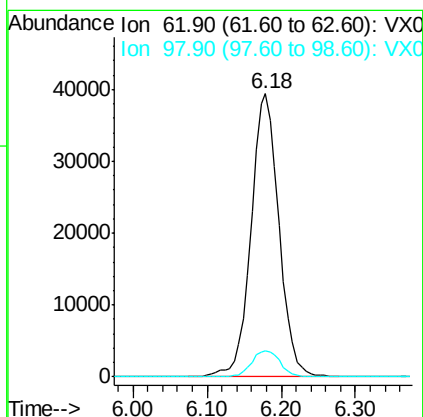
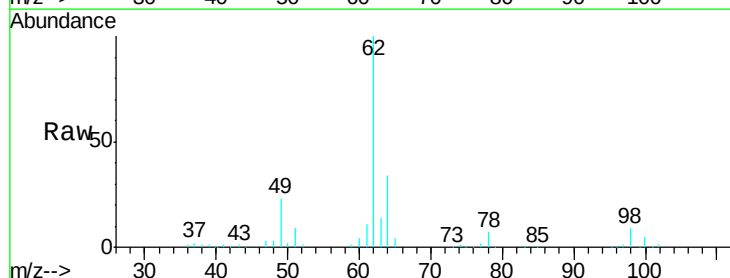
RT: 6.18 min Scan# 868

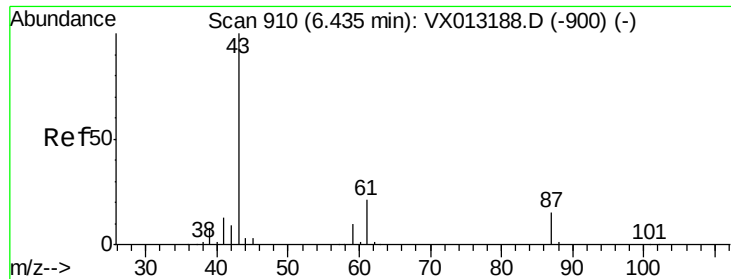
Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Tgt Ion:	62	Resp:	103603
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.4





#43

Isopropyl Acetate

Concen: 52.235 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

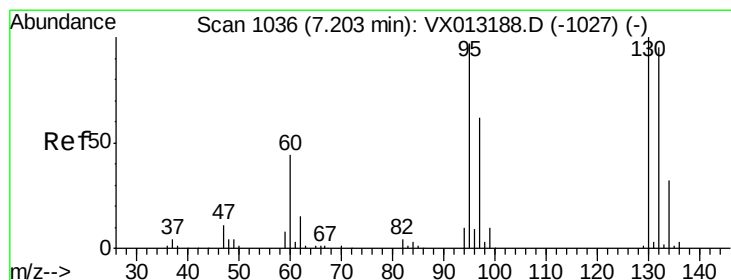
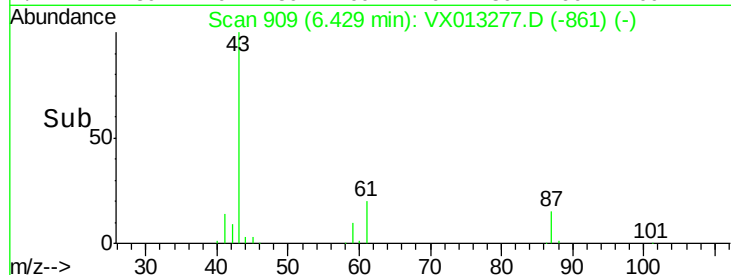
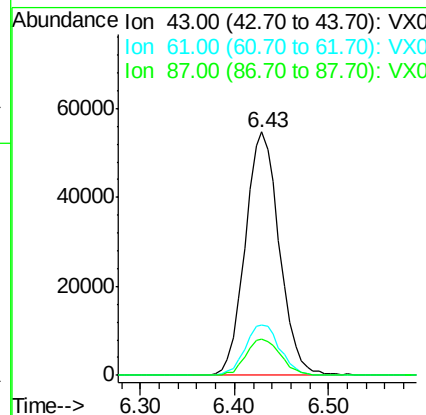
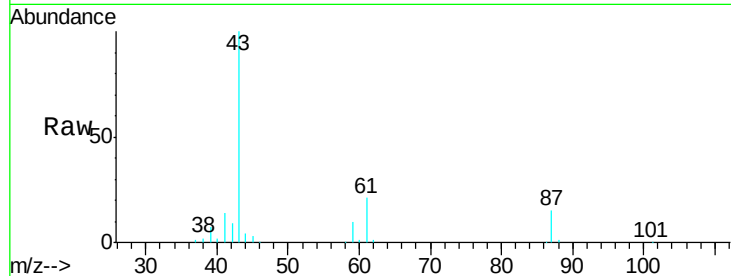
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	138778
Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.0	25.4
87	15.1	12.1	18.1

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#44

Trichloroethene

Concen: 53.699 ug/l

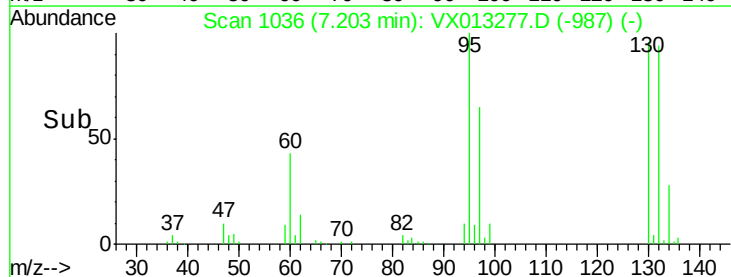
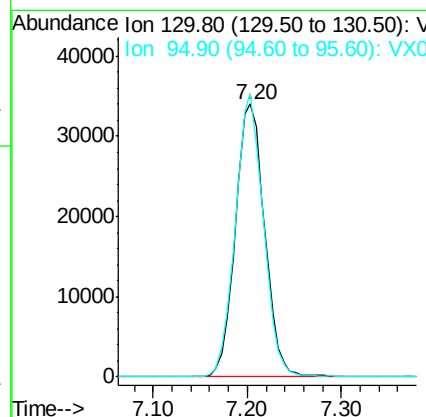
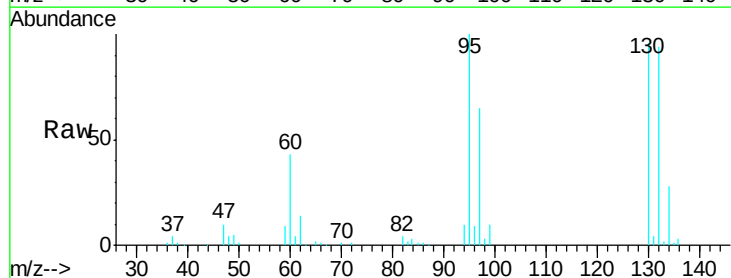
RT: 7.20 min Scan# 1036

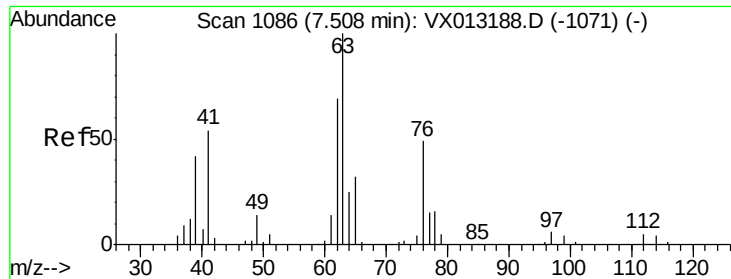
Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Tgt Ion:	130	Resp:	73508
Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	193.6





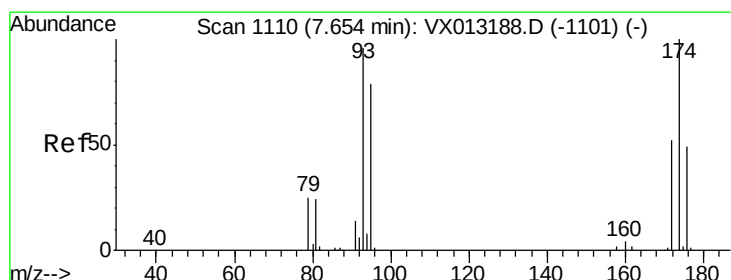
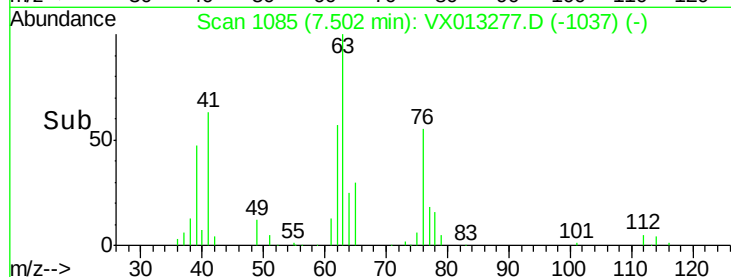
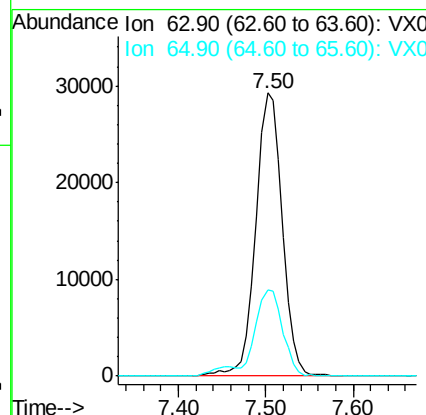
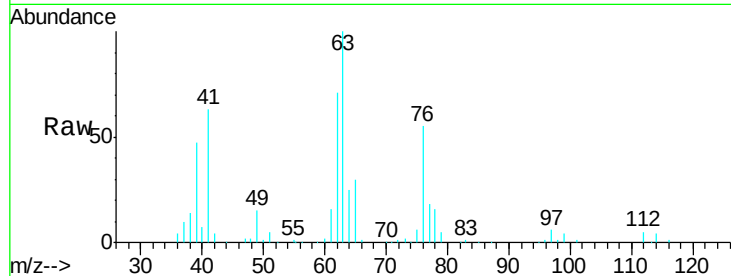
#45
 1,2-Dichloropropane
 Concen: 51.033 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 61650
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.3 37.9

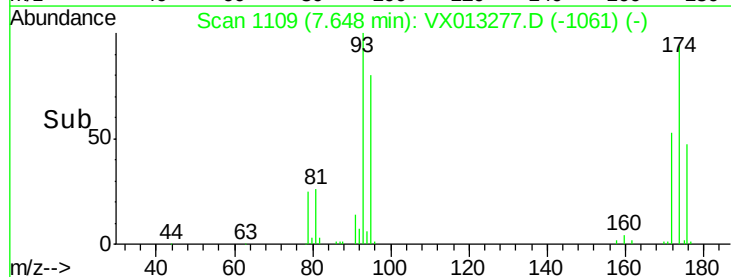
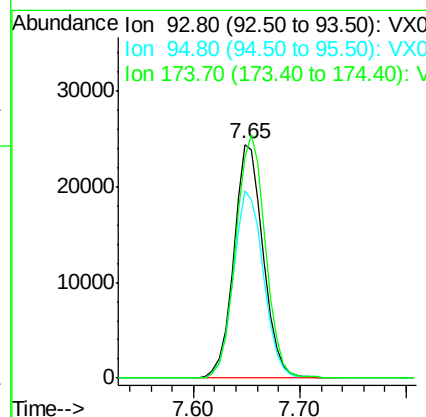
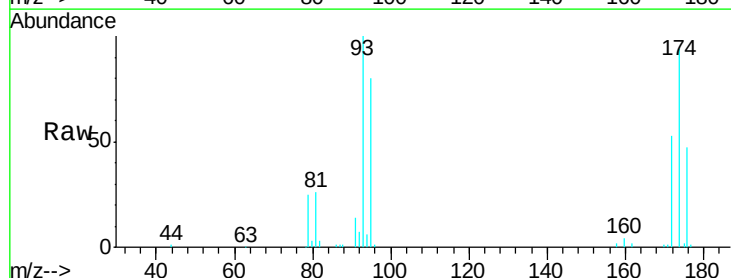
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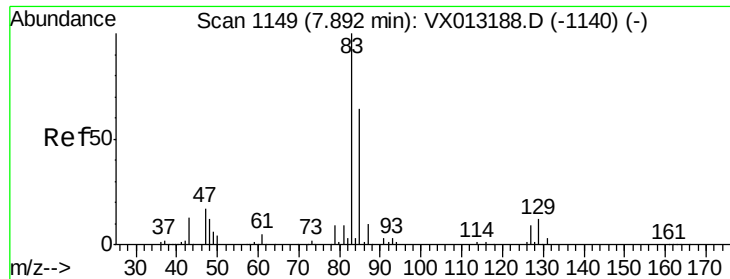
MMDadoda
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#46
 Dibromomethane
 Concen: 54.131 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Tgt Ion: 93 Resp: 47113
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.2 99.4
 174 105.3 85.2 127.8





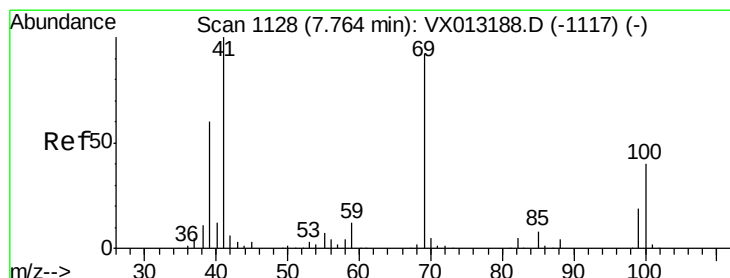
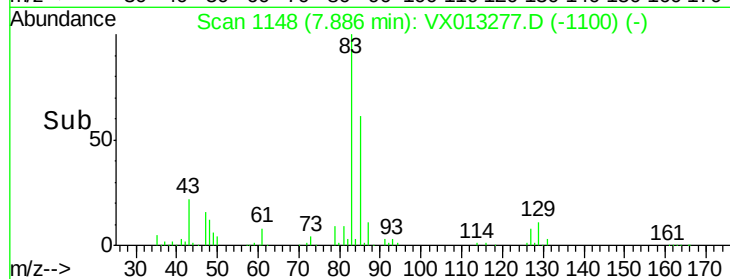
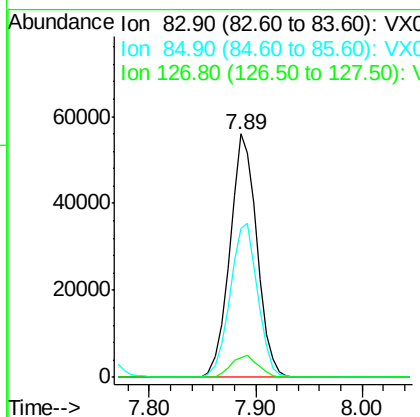
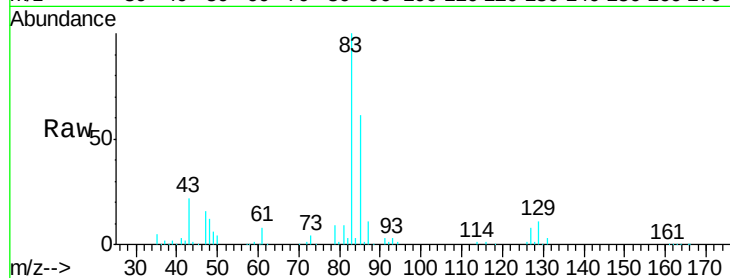
#47
Bromodichloromethane
Concen: 58.611 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.3	51.0	76.6
127	8.3	7.2	10.8

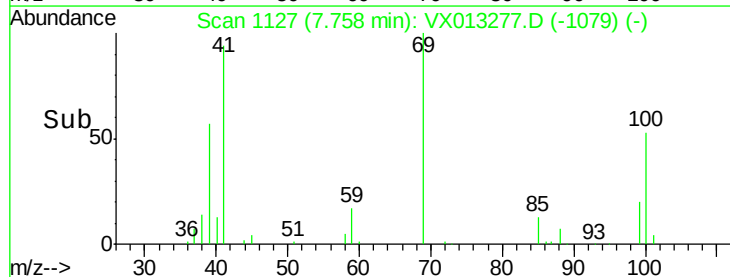
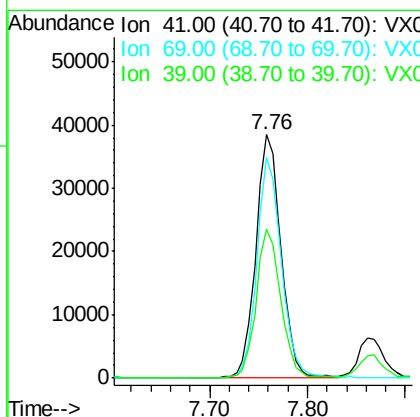
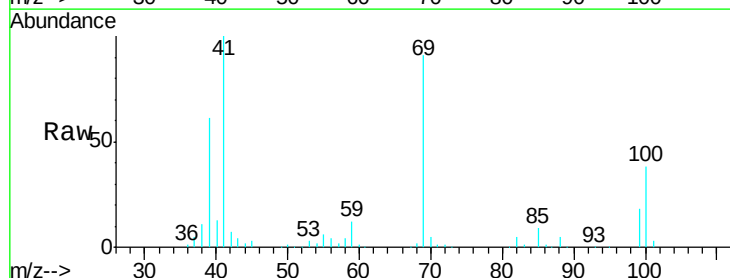
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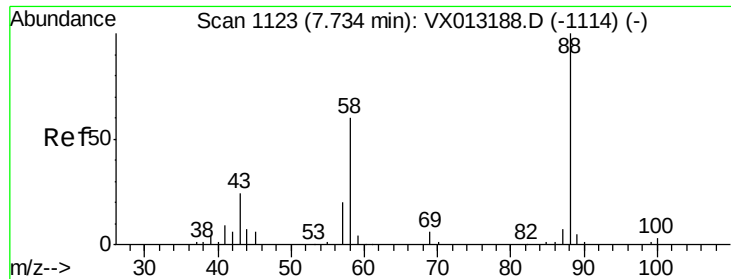
MMDadoda
10/31/2019 4:05:20 PM



#48
Methyl methacrylate
Concen: 52.396 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.4	72.0	108.0
39	60.0	47.4	71.0





#49

1,4-Dioxane

Concen: 912.156 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

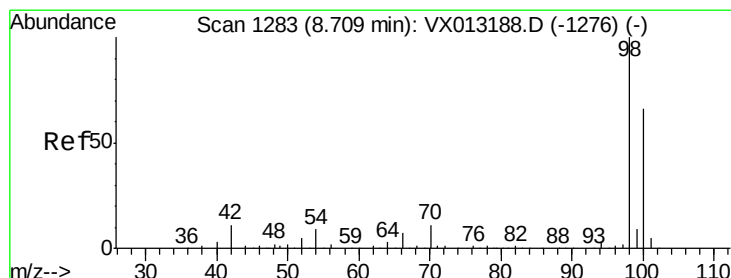
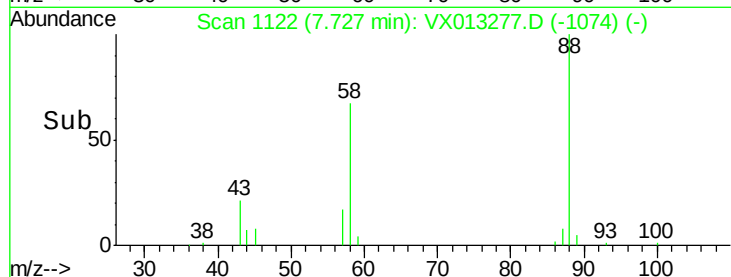
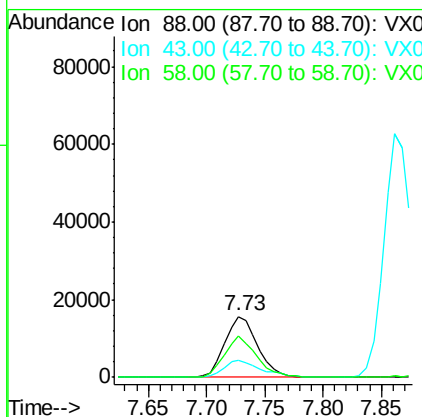
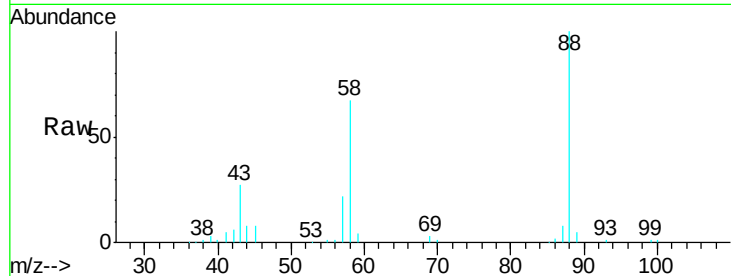
ClientSampleId :

VSTDCCC050

Tgt Ion:	88	Resp:	30485
Ion	Ratio	Lower	Upper
88	100		
43	32.0	24.5	36.7
58	67.4	54.1	81.1

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#50

Toluene-d8

Concen: 51.093 ug/l

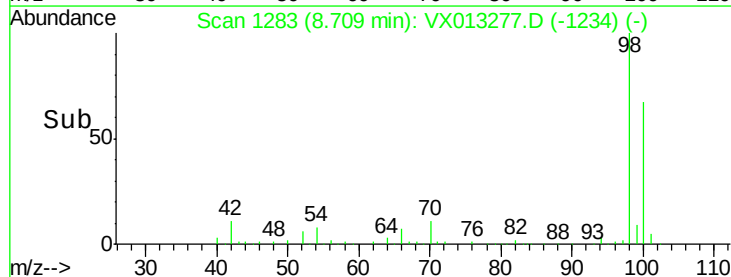
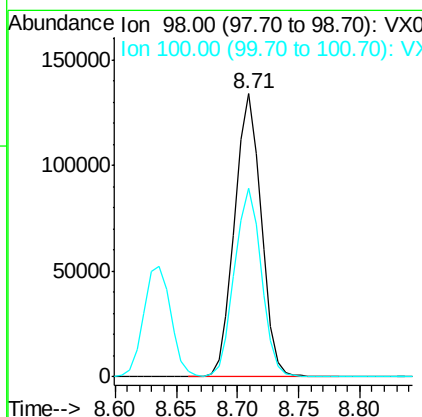
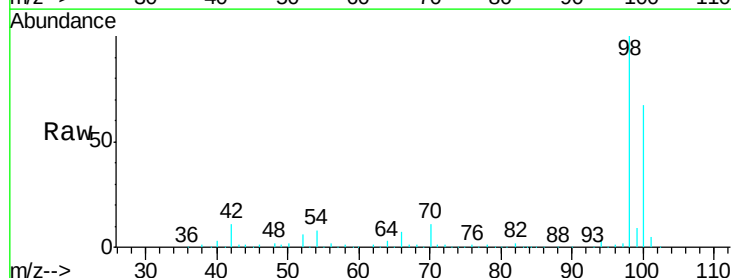
RT: 8.71 min Scan# 1283

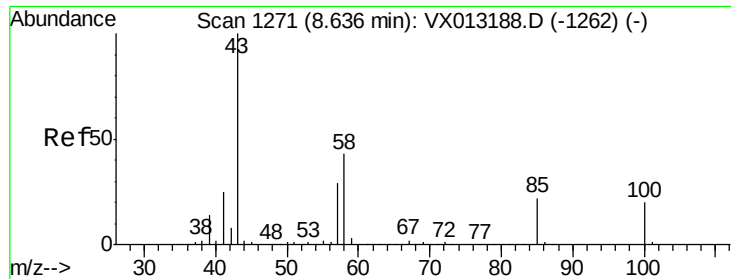
Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Tgt Ion:	98	Resp:	202756
Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 251.853 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 407852

Ion Ratio Lower Upper

43 100

58 41.9

33.9

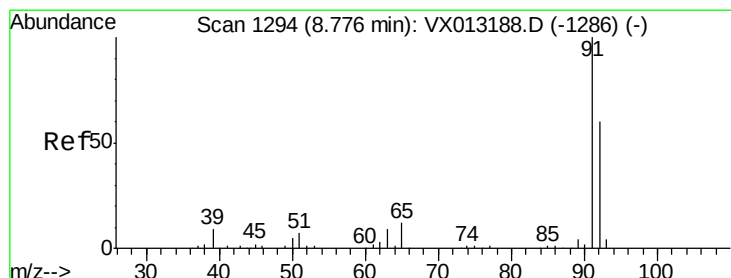
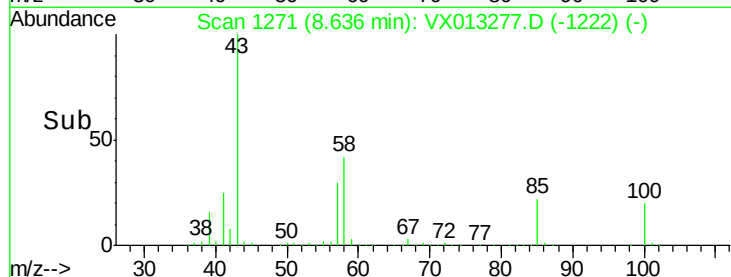
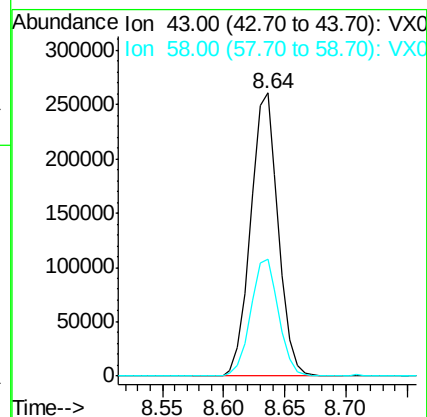
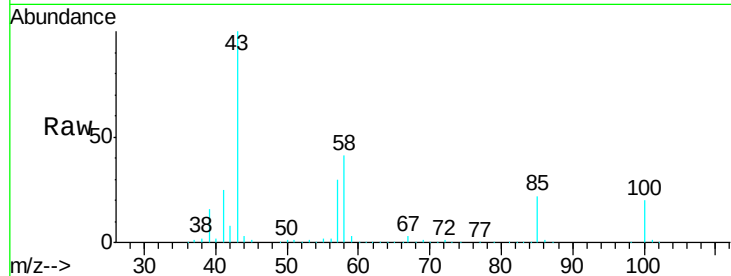
50.9

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#52

Toluene

Concen: 52.731 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Tgt Ion: 92 Resp: 168551

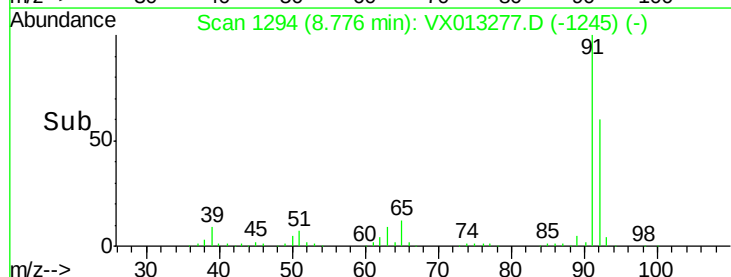
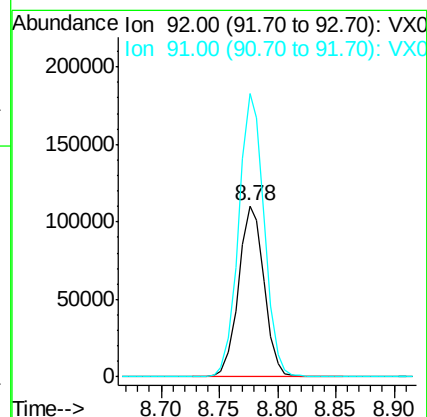
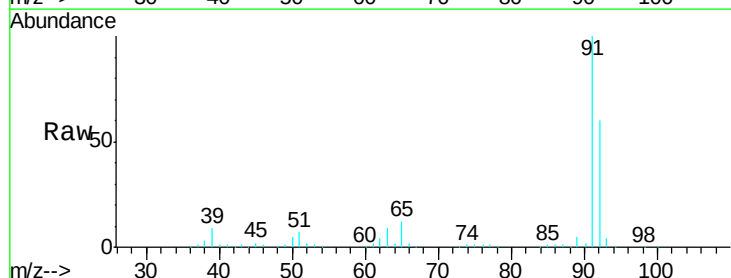
Ion Ratio Lower Upper

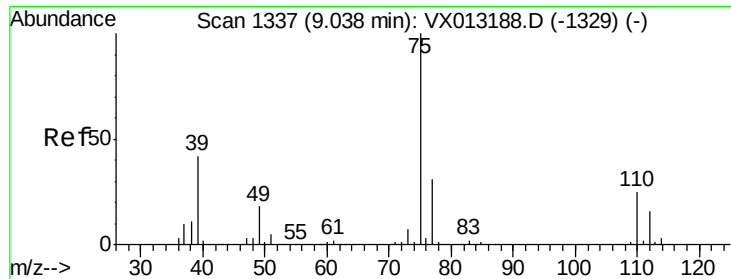
92 100

91 166.1

133.9

200.9





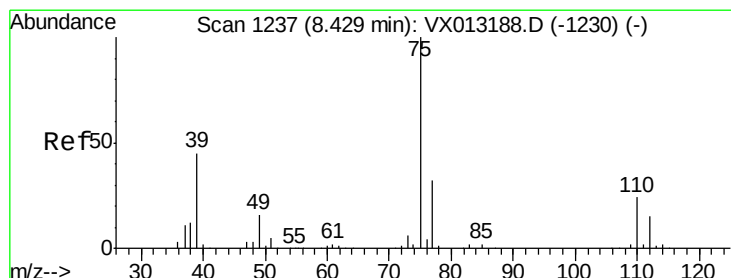
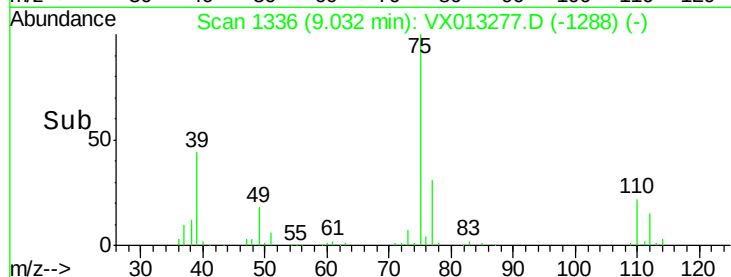
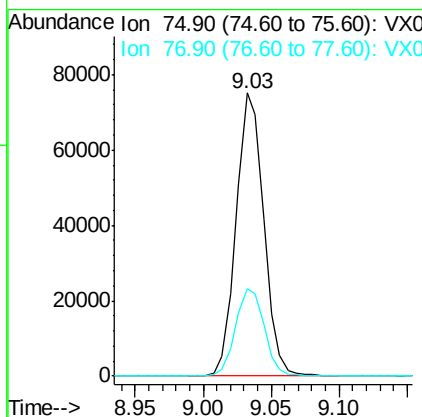
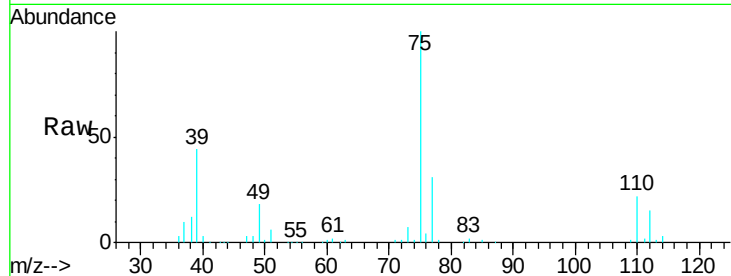
#53
t-1,3-Dichloropropene
Concen: 59.058 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 106449
Ion Ratio Lower Upper
75 100
77 31.1 24.7 37.1

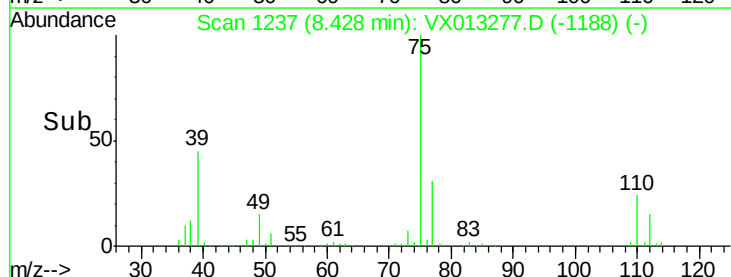
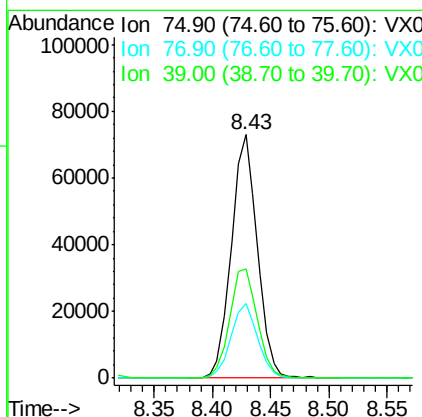
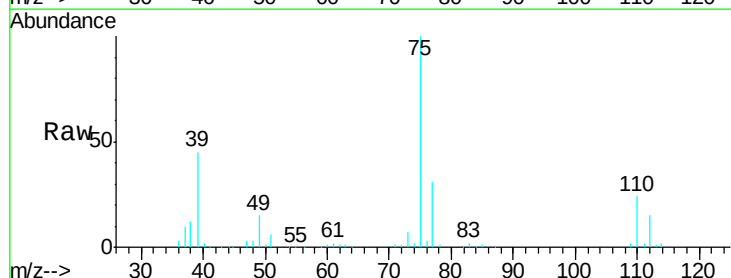
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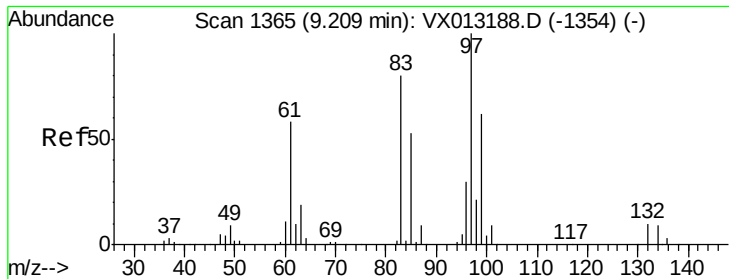
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#54
cis-1,3-Dichloropropene
Concen: 57.596 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion: 75 Resp: 113566
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0
39 44.9 36.2 54.4





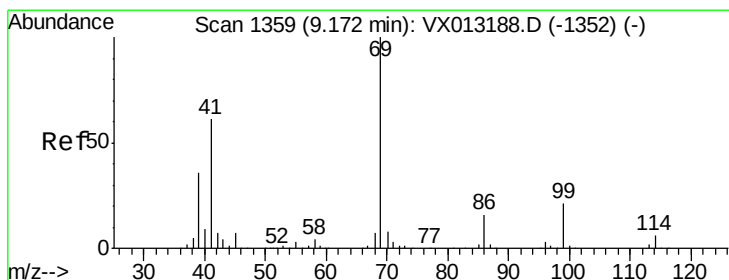
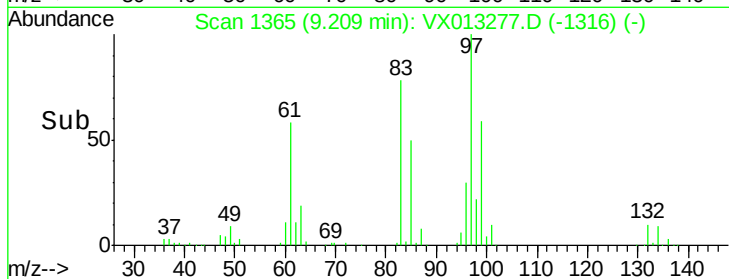
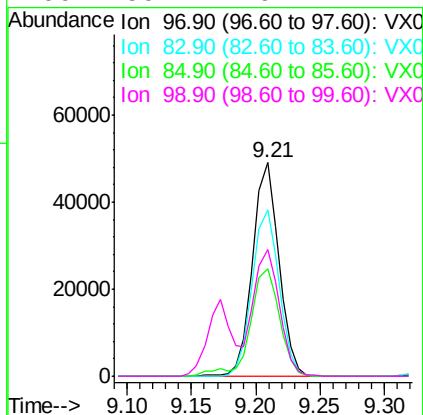
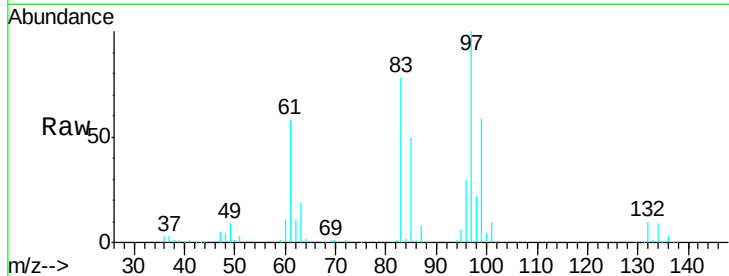
#55
1,1,2-Trichloroethane
Concen: 54.523 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	68904		
83	78.0	64.1	96.1	
85	50.4	42.1	63.1	
99	59.4	49.4	74.2	

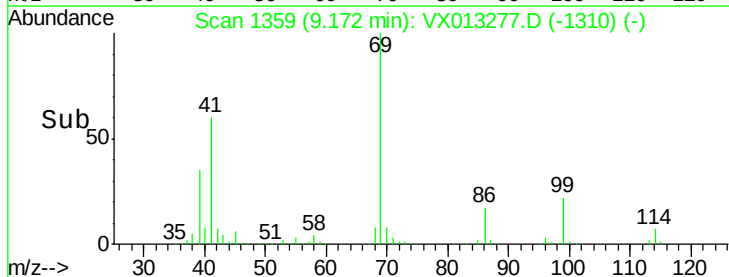
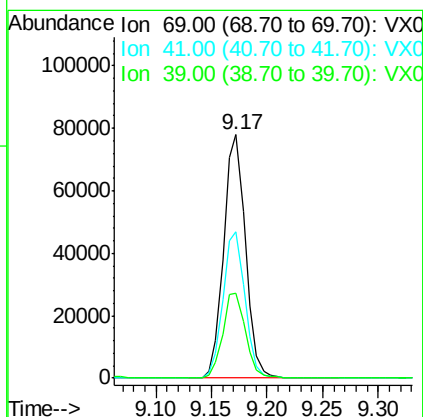
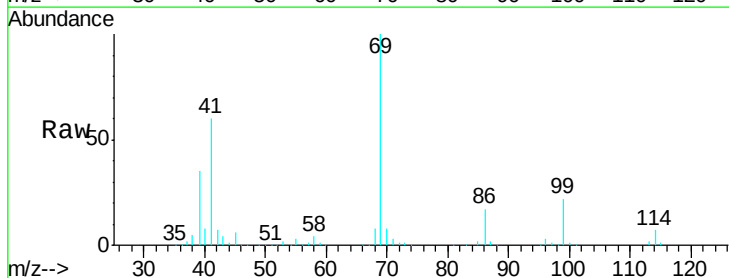
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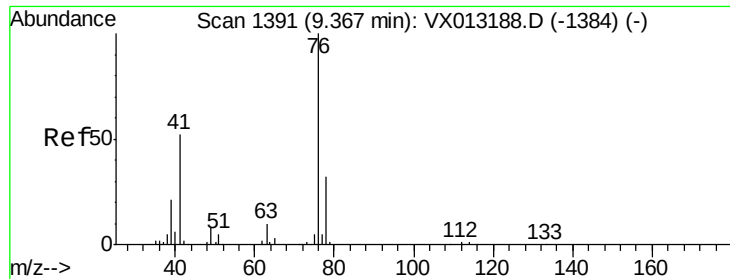
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#56
Ethyl methacrylate
Concen: 55.628 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	105807		
41	60.9	49.5	74.3	
39	36.5	28.3	42.5	





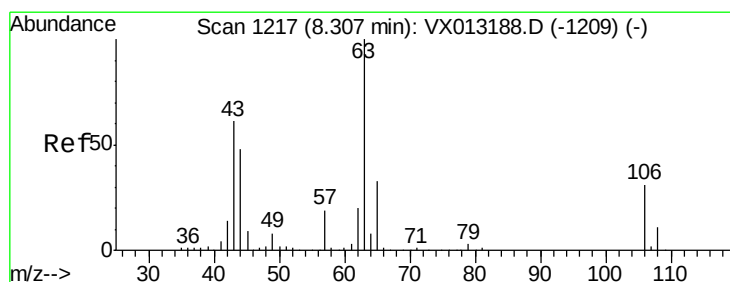
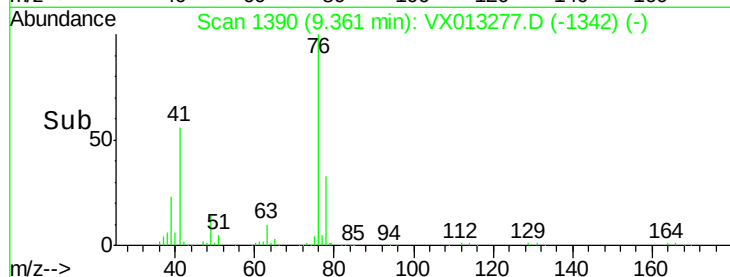
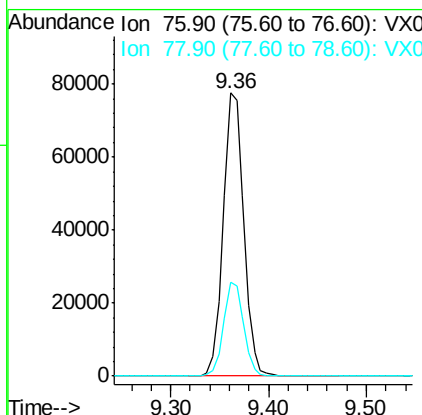
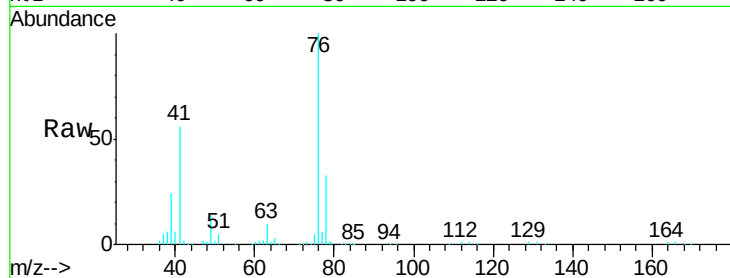
#57
 1,3-Dichloropropane
 Concen: 52.907 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 112815
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1

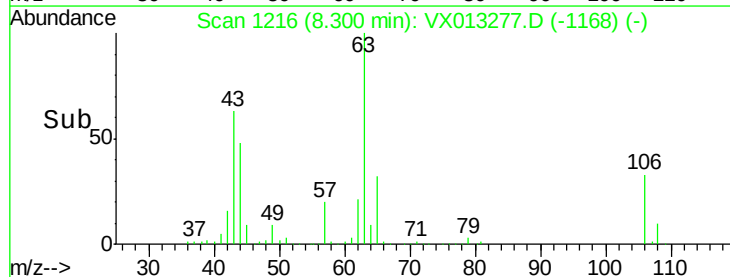
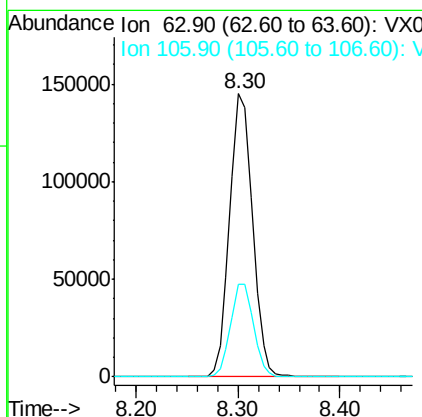
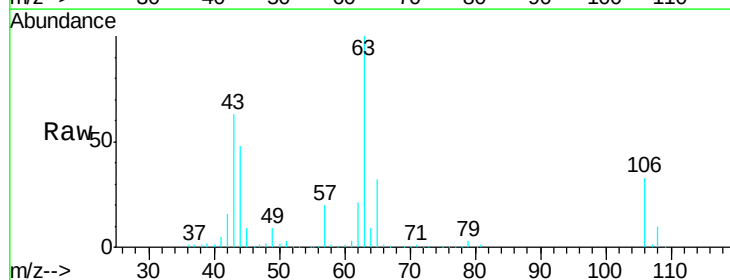
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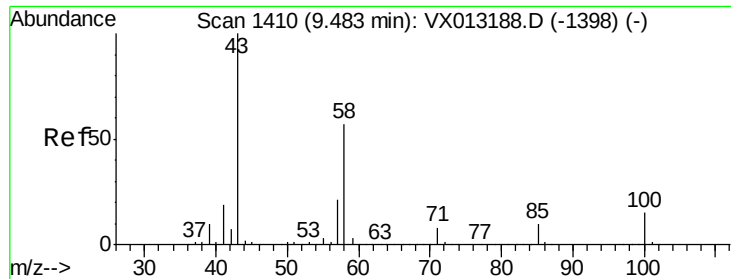
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 10/31/2019 4:05:20 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 304.680 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Tgt Ion: 63 Resp: 226123
 Ion Ratio Lower Upper
 63 100
 106 32.9 25.4 38.0





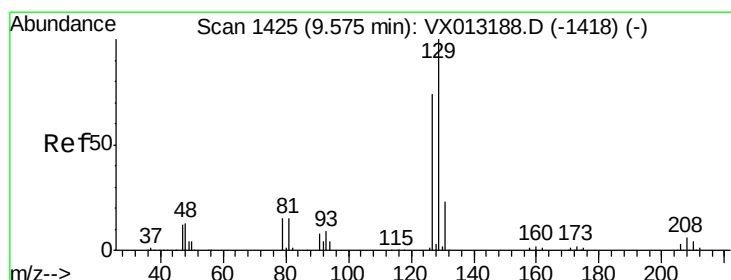
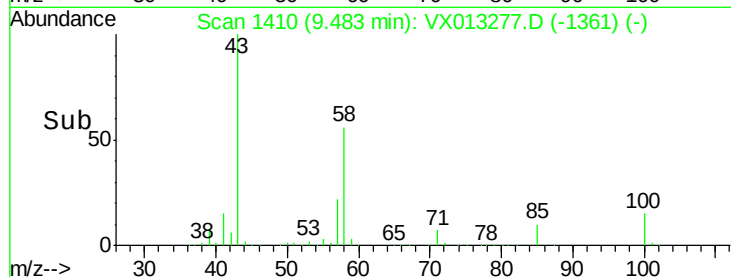
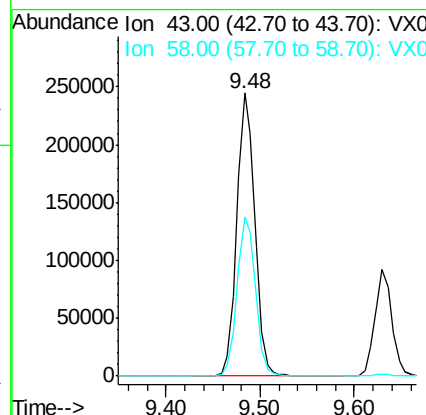
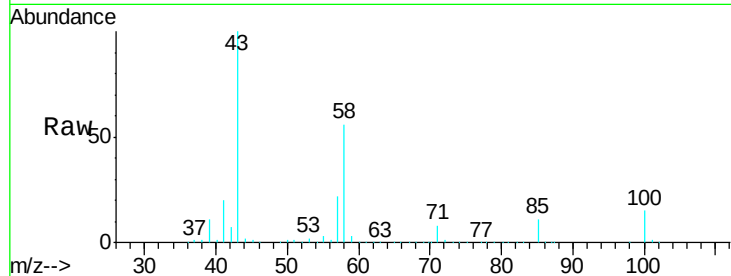
#59
2-Hexanone
Concen: 260.068 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 324413
Ion Ratio Lower Upper
43 100
58 57.3 28.2 84.7

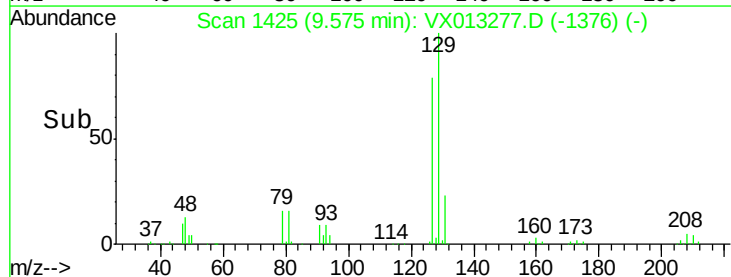
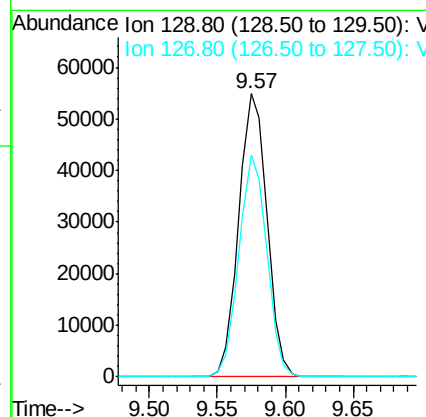
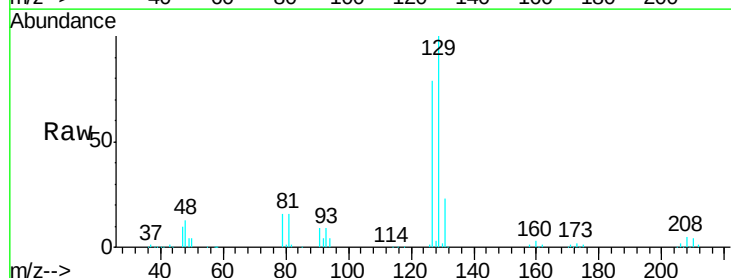
Manual Integrations
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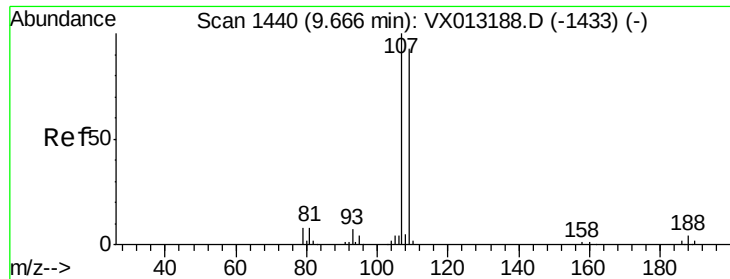
MMDadoda
10/31/2019 4:05:20 PM



#60
Dibromochloromethane
Concen: 60.181 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion: 129 Resp: 79693
Ion Ratio Lower Upper
129 100
127 77.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 54.573 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 73216

Ion Ratio Lower Upper

107 100

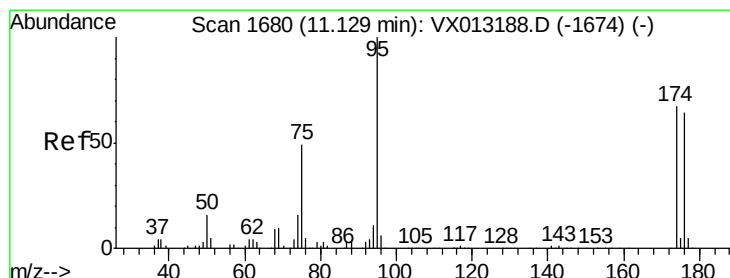
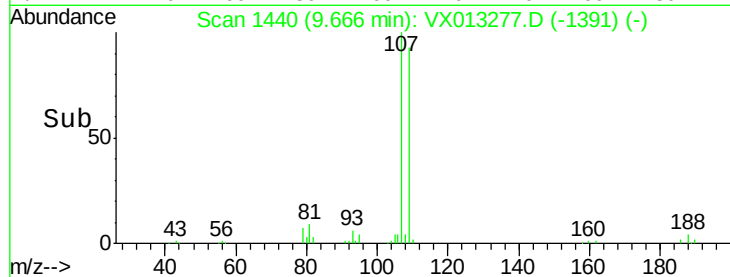
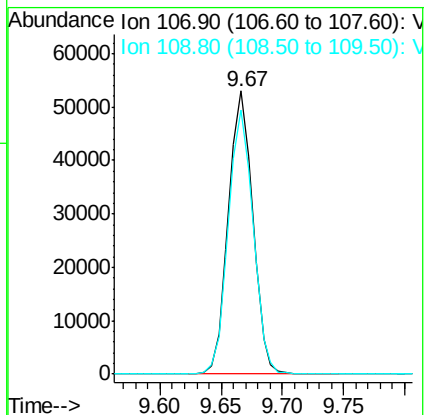
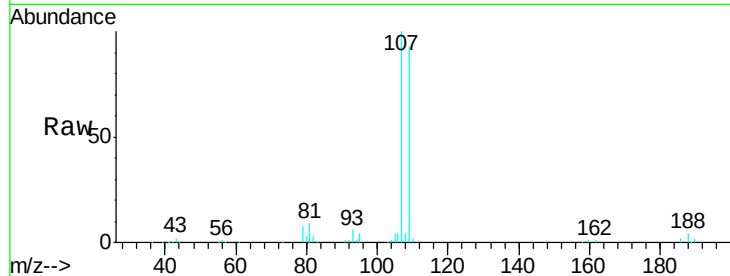
109 94.8 75.7 113.5

Manual Integrations

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MMDadoda

10/31/2019 4:05:20 PM



#62

4-Bromofluorobenzene

Concen: 53.310 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

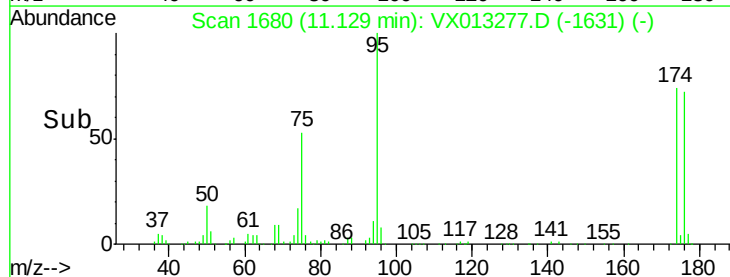
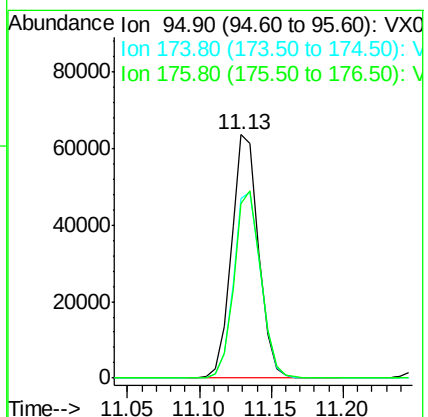
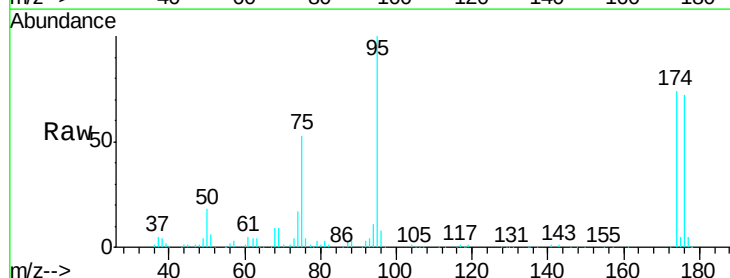
Tgt Ion: 95 Resp: 83733

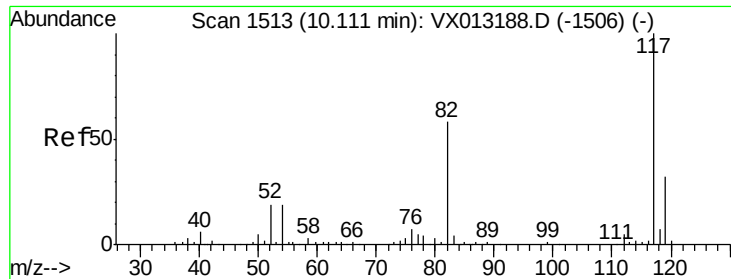
Ion Ratio Lower Upper

95 100

174 76.5 0.0 152.4

176 75.8 0.0 146.0





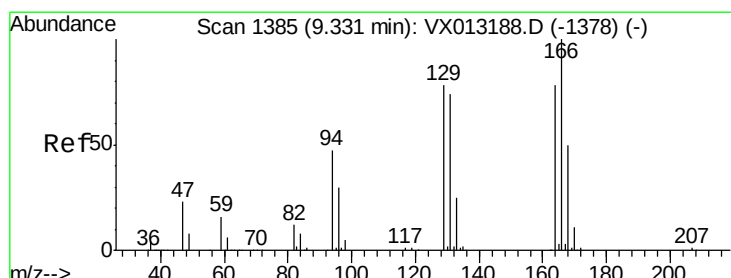
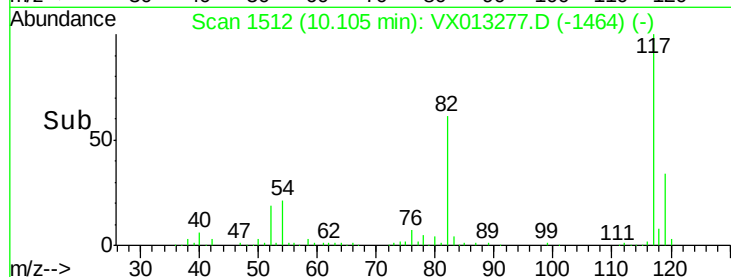
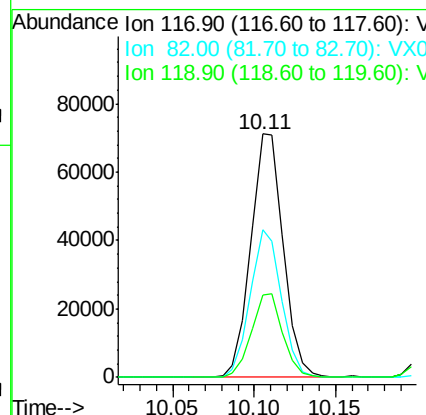
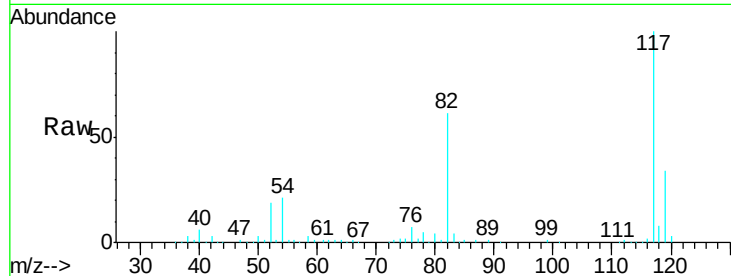
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	98784		
82	60.6	46.5	69.7	
119	33.6	25.2	37.8	

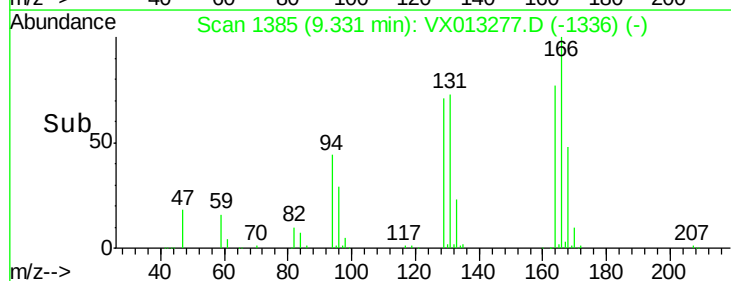
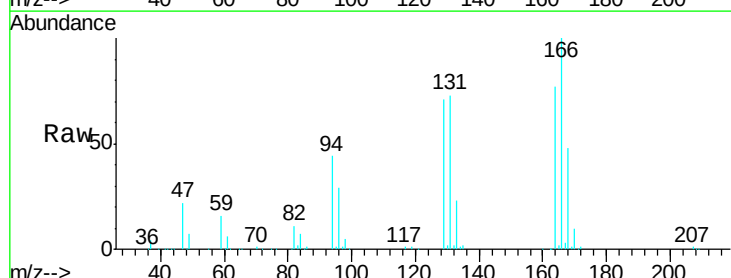
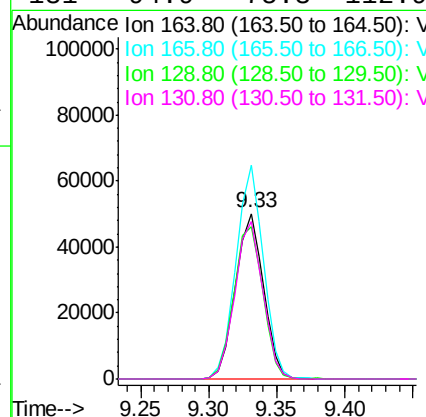
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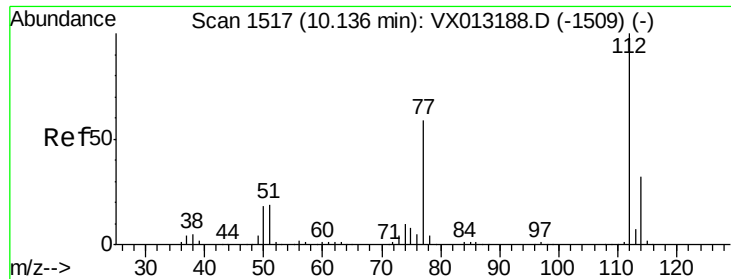
MMDadoda
10/31/2019 4:05:20 PM



#64
Tetrachloroethene
Concen: 59.543 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	72127		
166	129.3	102.2	153.4	
129	92.2	79.8	119.8	
131	94.9	75.3	112.9	





#65

Chlorobenzene

Concen: 53.276 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 184230

Ion Ratio Lower Upper

112 100

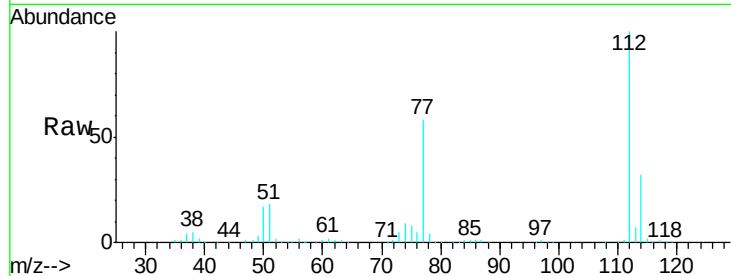
114 32.1 25.8 38.8

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

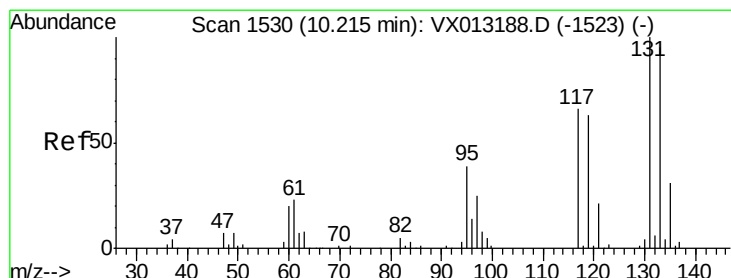
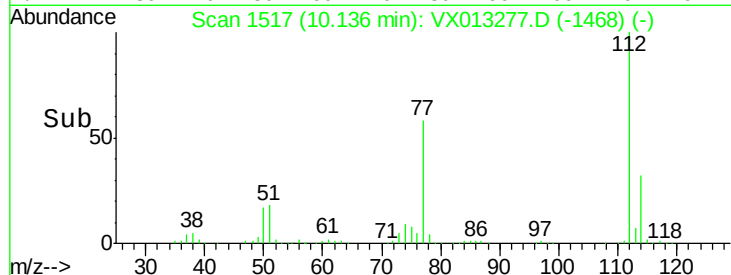
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 56.541 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

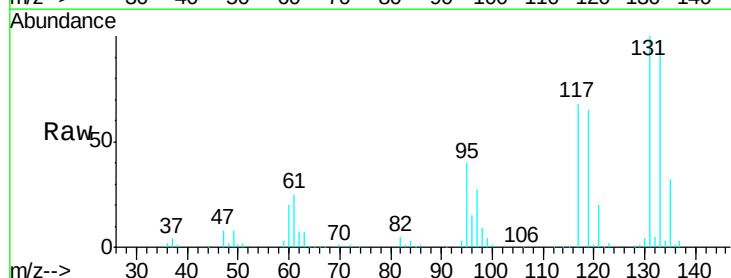
Tgt Ion:131 Resp: 72227

Ion Ratio Lower Upper

131 100

133 96.9 48.4 145.2

119 65.3 32.4 97.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

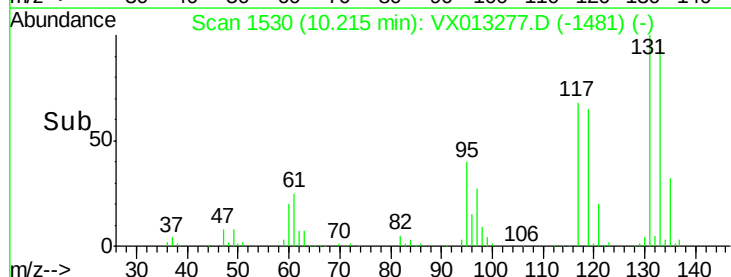
60000

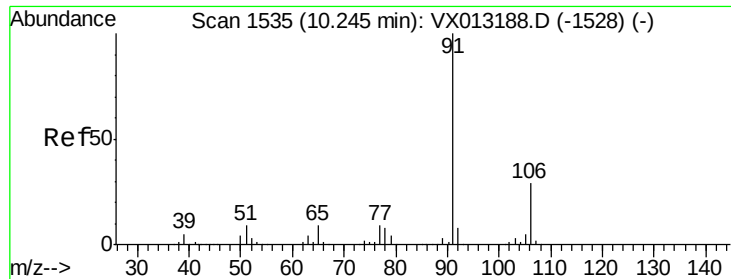
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 54.221 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 335664

Ion Ratio Lower Upper

91 100

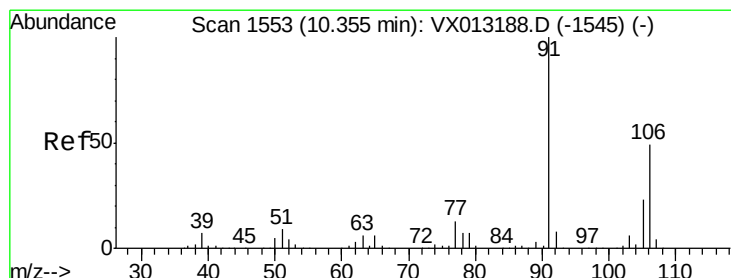
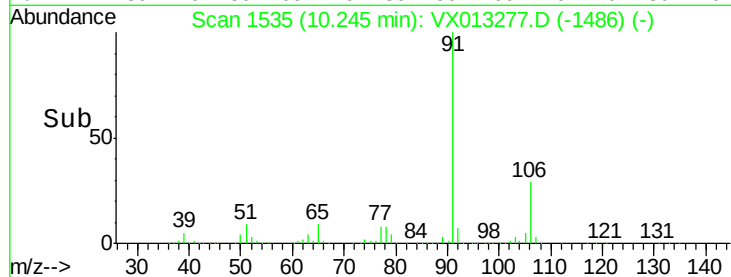
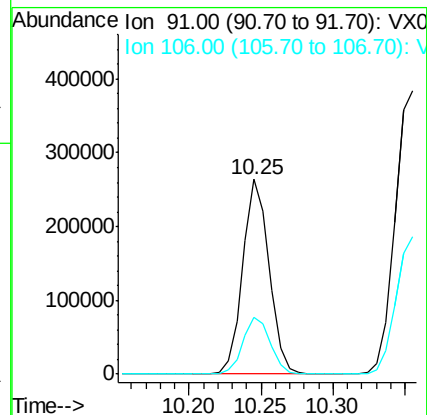
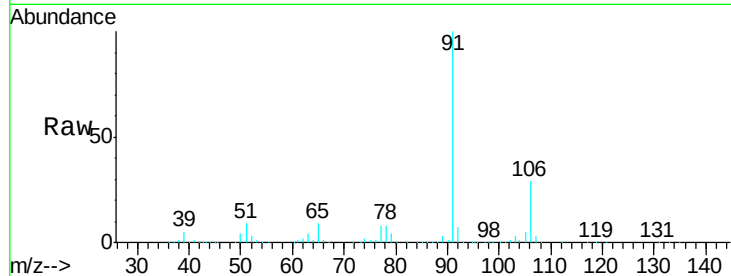
106 29.3 23.5 35.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 107.175 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013277.D

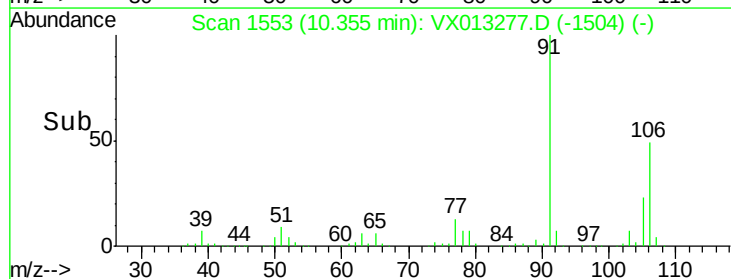
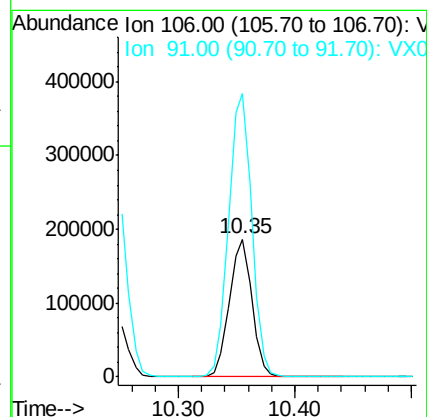
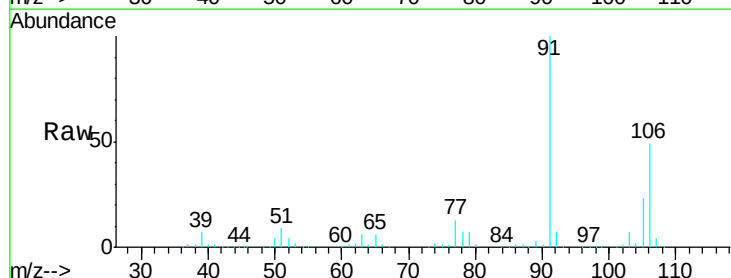
Acq: 30 Oct 2019 10:38

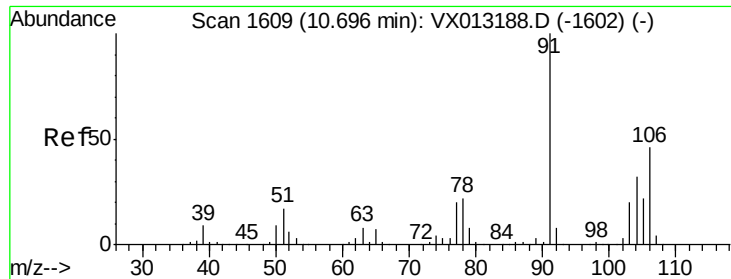
Tgt Ion: 106 Resp: 250739

Ion Ratio Lower Upper

106 100

91 210.7 166.8 250.2





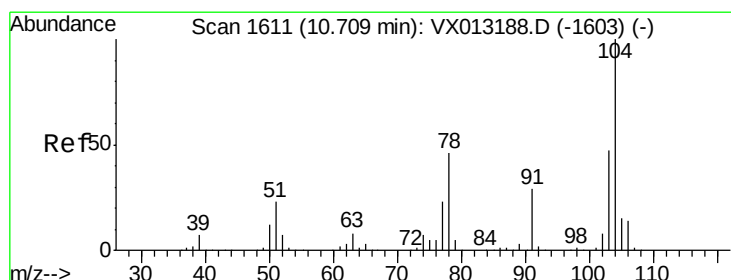
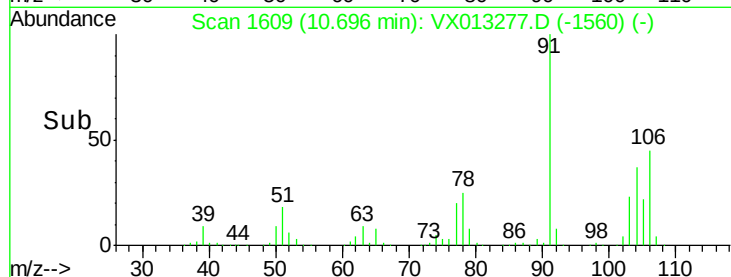
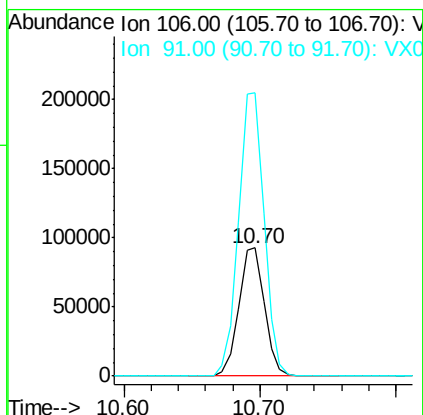
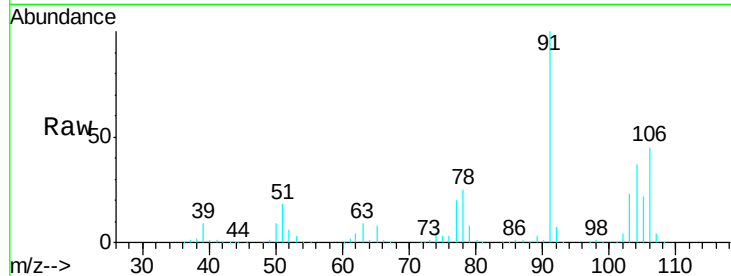
#69
o-Xylene
Concen: 54.032 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 121262
Ion Ratio Lower Upper
106 100
91 222.1 110.7 331.9

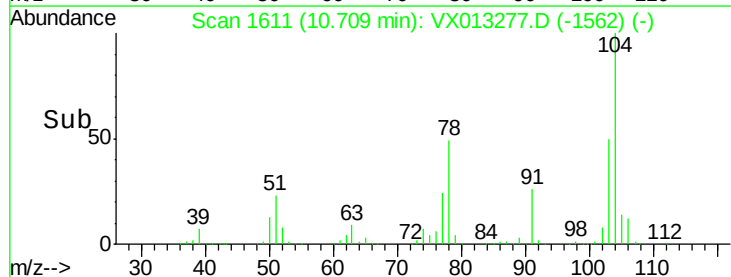
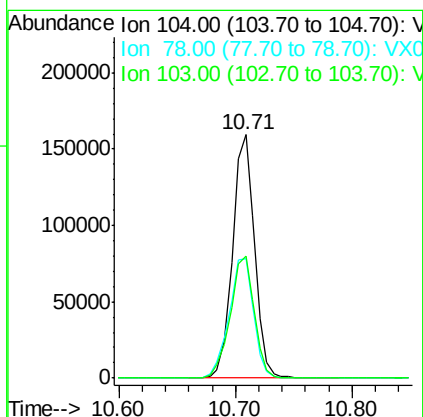
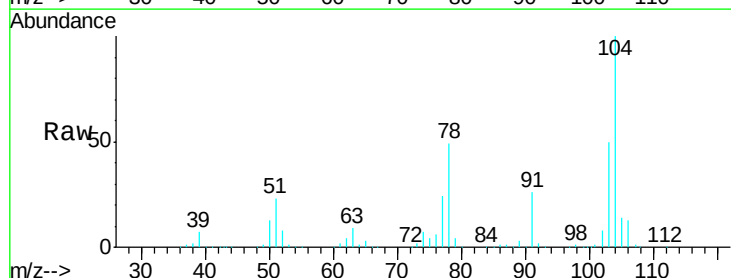
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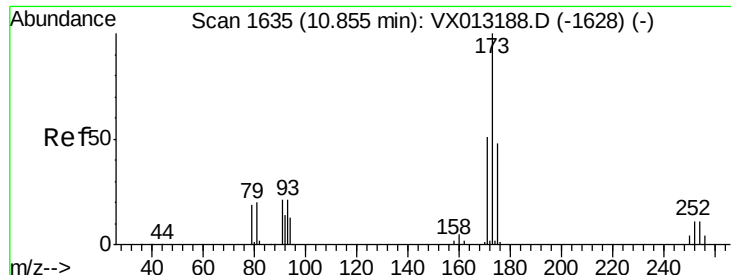
MMDadoda
10/31/2019 4:05:20 PM



#70
Styrene
Concen: 54.205 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion:104 Resp: 209472
Ion Ratio Lower Upper
104 100
78 55.3 42.2 63.4
103 54.6 42.8 64.2





#71

Bromoform

Concen: 61.332 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

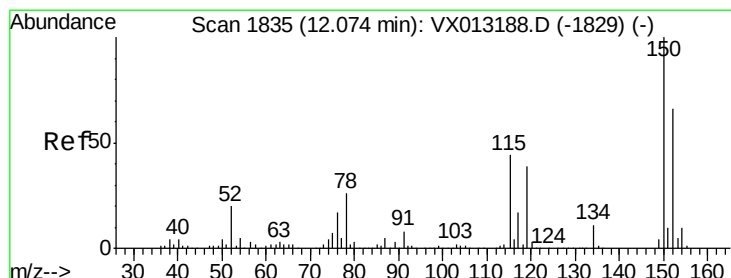
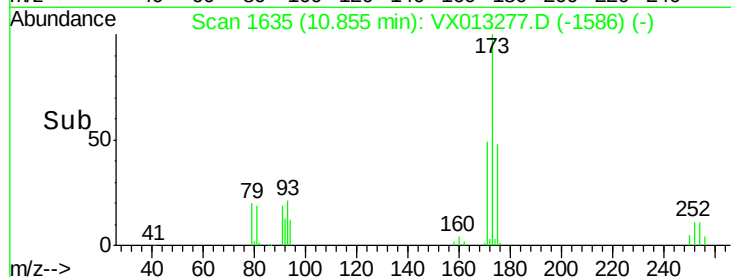
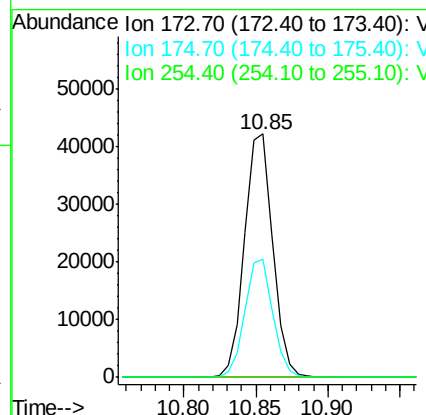
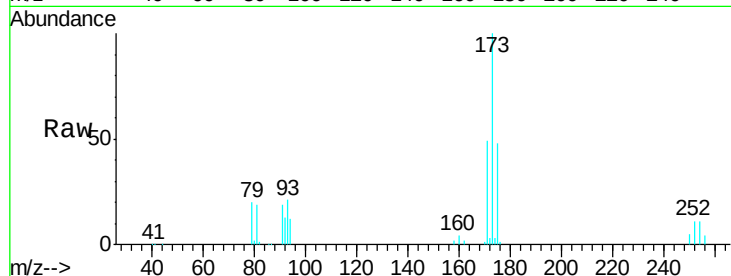
ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 57247
 Ion Ratio Lower Upper
 173 100
 175 47.8 24.3 72.8
 254 0.1 0.1 0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

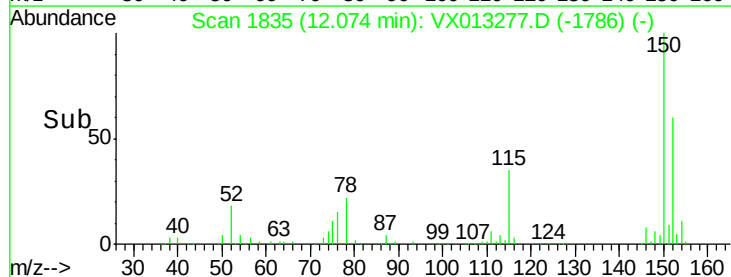
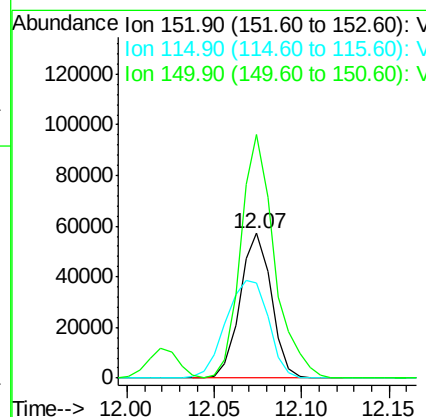
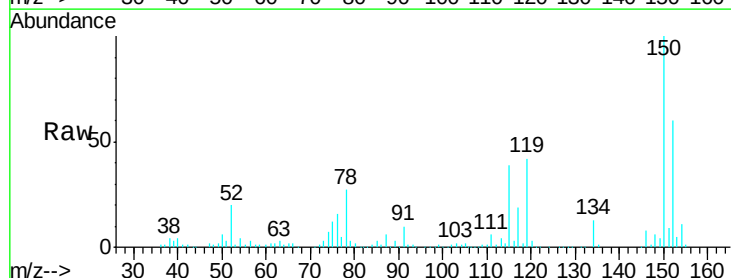
RT: 12.07 min Scan# 1835

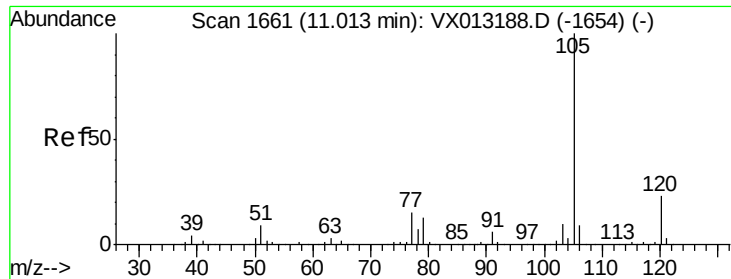
Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Tgt Ion:152 Resp: 70968
 Ion Ratio Lower Upper
 152 100
 115 91.9 46.6 139.8
 150 180.8 0.0 354.0





#73

Isopropylbenzene

Concen: 52.516 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 338444

Ion Ratio Lower Upper

105 100

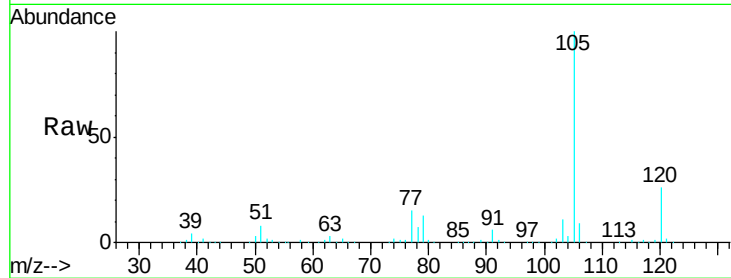
120 26.1 12.6 37.8

Manual Integrations

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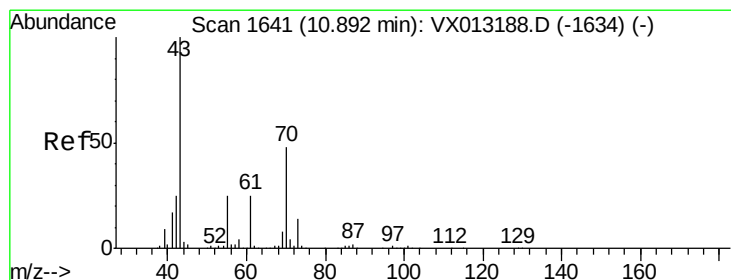
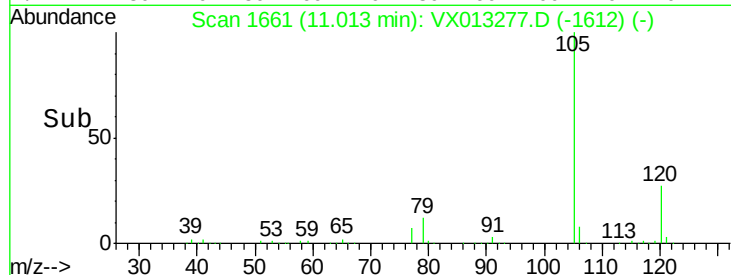
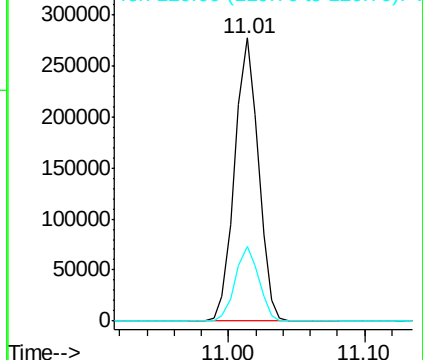
MMDadoda

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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: 49.903 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Tgt Ion: 43 Resp: 118036

Ion Ratio Lower Upper

43 100

70 48.8 38.5 57.7

55 26.5 20.7 31.1

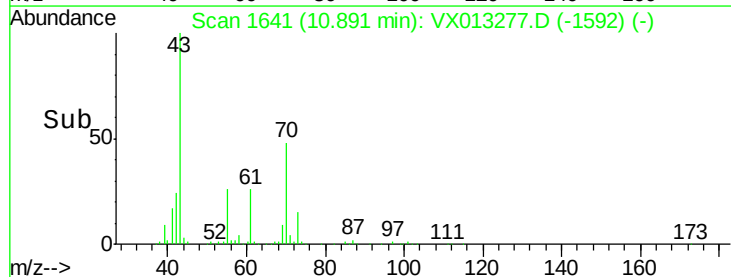
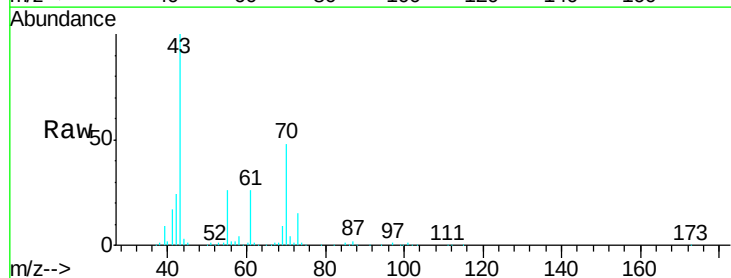
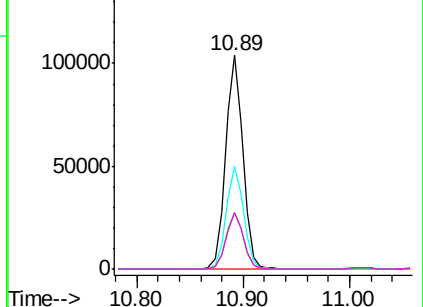
61 26.4 20.8 31.2

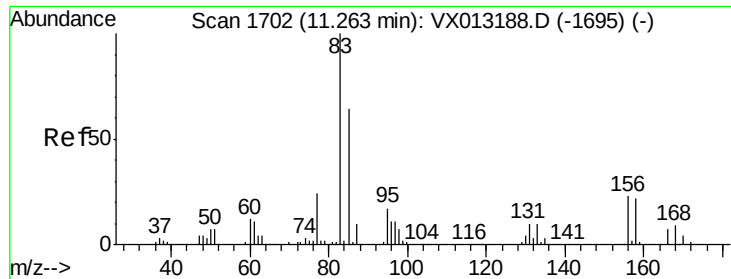
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.419 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 100618
Ion Ratio Lower Upper

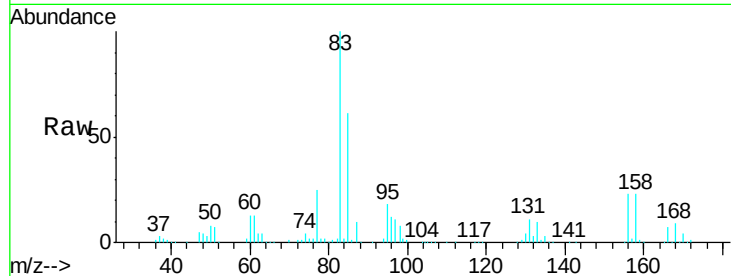
83 100

131 11.4 5.3 16.1

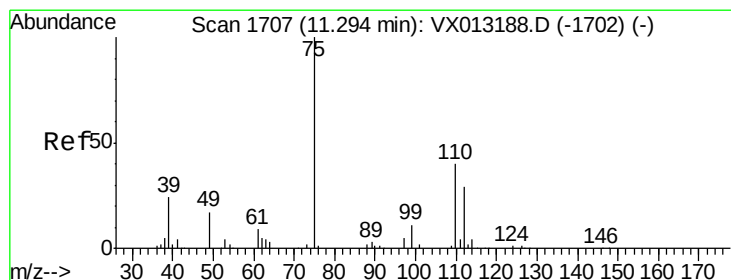
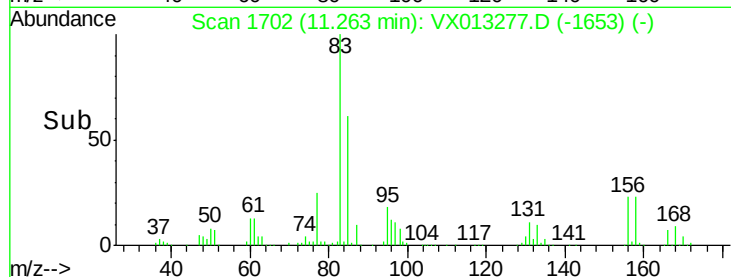
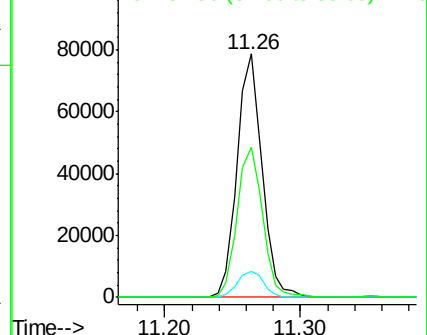
85 63.3 31.4 94.3

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 57.639 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

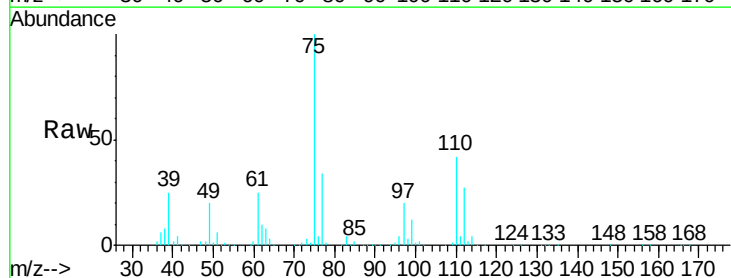
Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

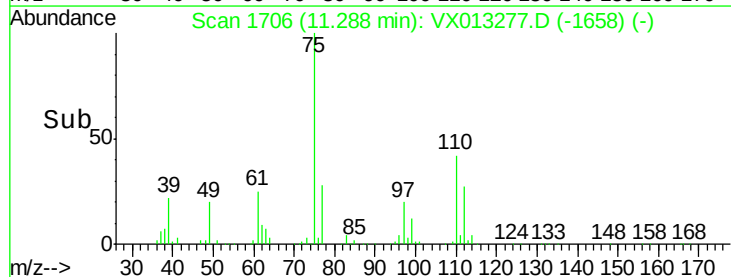
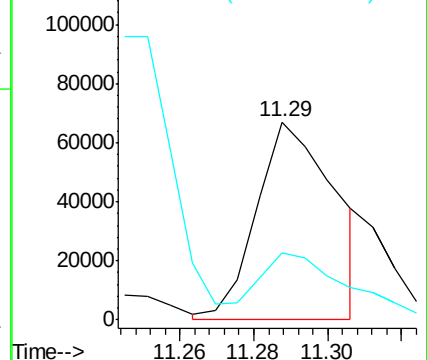
Tgt Ion: 75 Resp: 98589
Ion Ratio Lower Upper

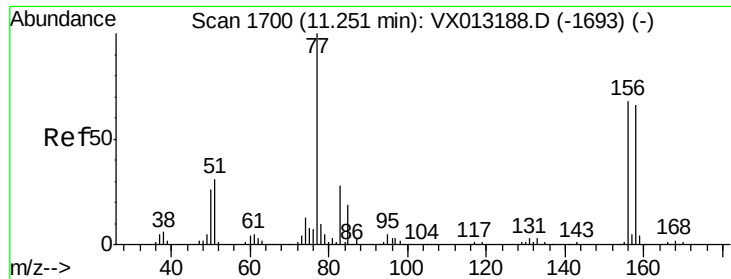
75 100

77 39.8 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.714 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

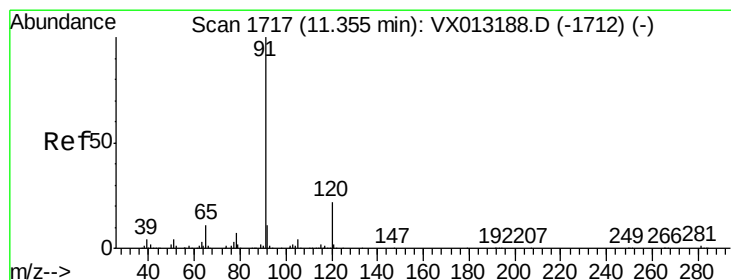
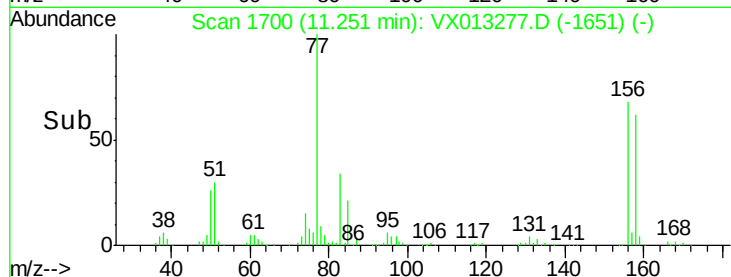
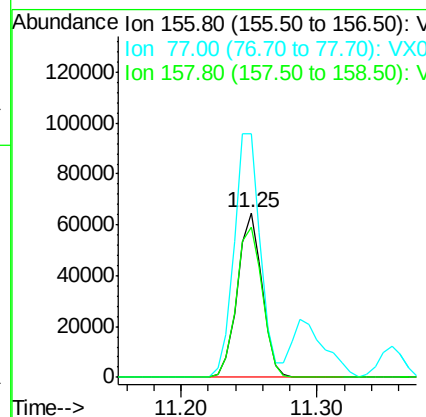
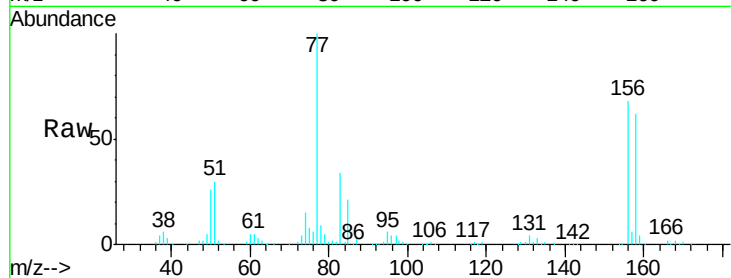
VSTDCCC050

Tgt Ion: 156 Resp: 81422

Ion	Ratio	Lower	Upper
156	100		
77	156.1	81.7	245.1
158	96.2	49.6	148.8

Manual Integrations
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#78

n-propylbenzene

Concen: 51.588 ug/l

RT: 11.35 min Scan# 1717

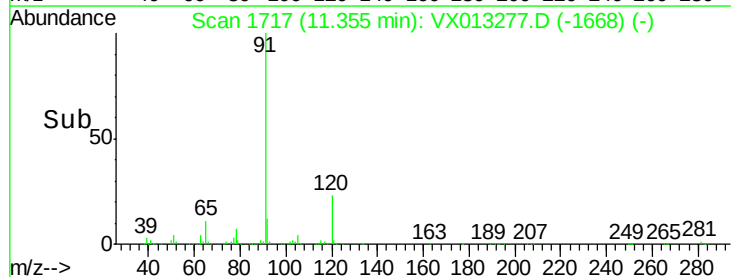
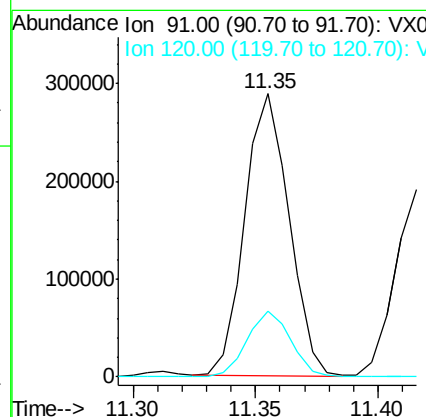
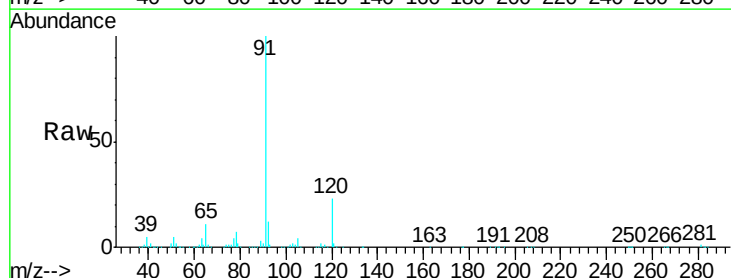
Delta R.T. -0.00 min

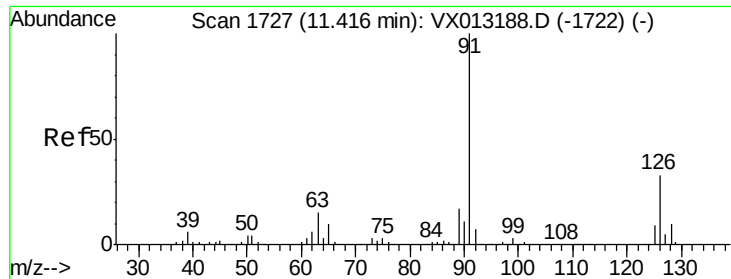
Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Tgt Ion: 91 Resp: 361132

Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.4	34.1





#79

2-Chlorotoluene

Concen: 51.527 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 227908

Ion Ratio Lower Upper

91 100

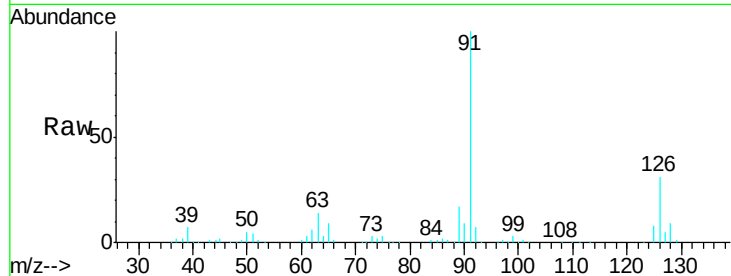
126 31.4 16.3 48.8

Manual Integrations

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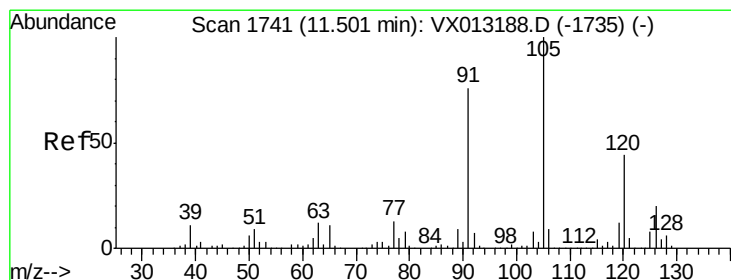
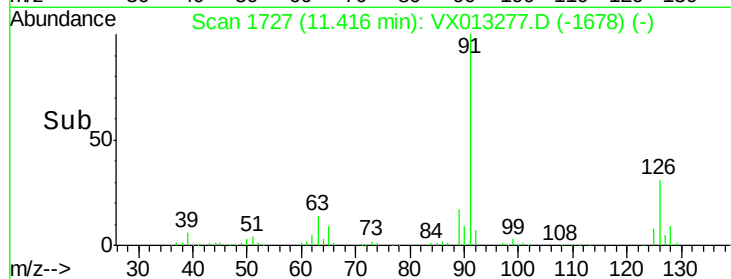
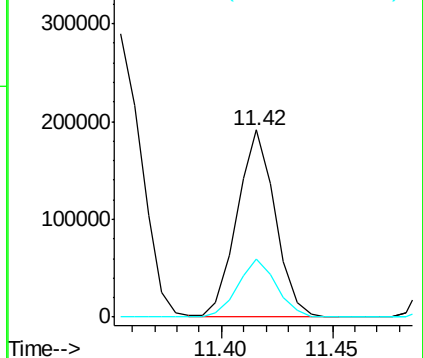
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.524 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013277.D

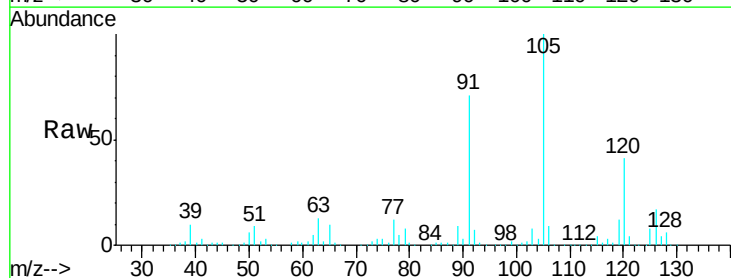
Acq: 30 Oct 2019 10:38

Tgt Ion: 105 Resp: 281351

Ion Ratio Lower Upper

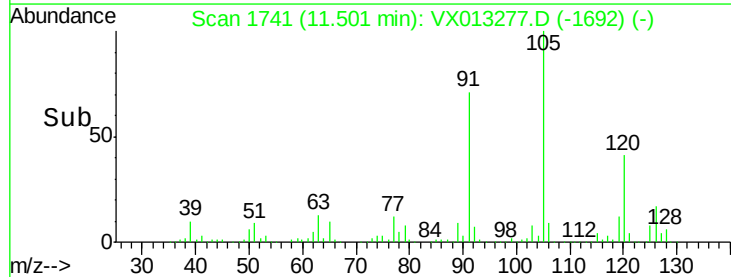
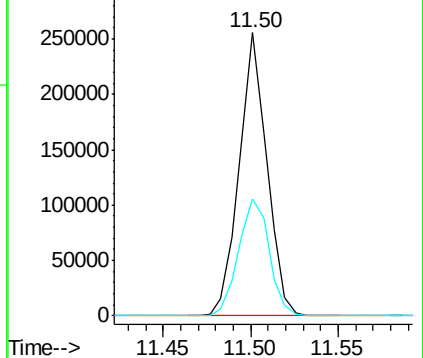
105 100

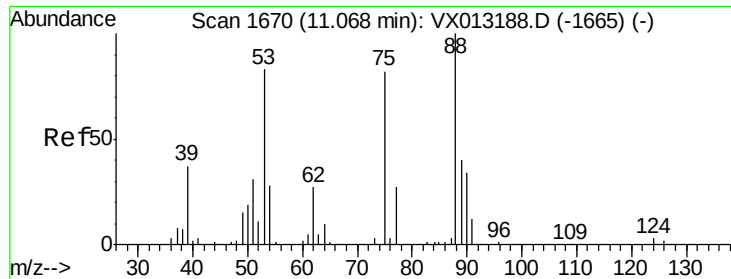
120 45.6 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 56.035 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013277.D

Acq: 30 Oct 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 34879

Ion Ratio Lower Upper

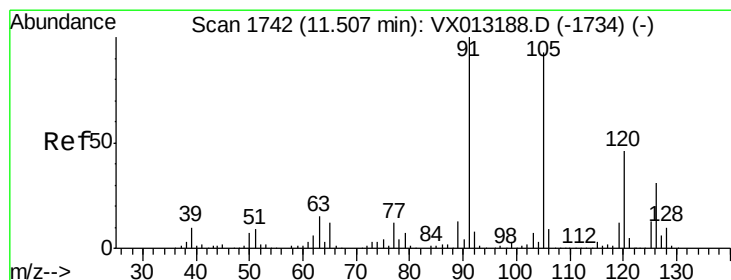
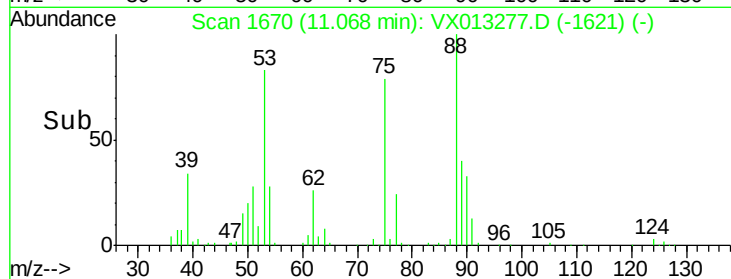
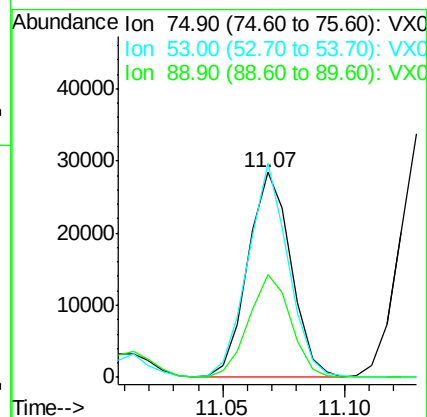
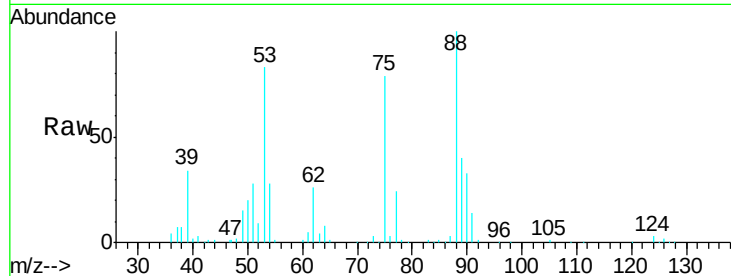
75 100

53 97.9 77.9 116.9

89 49.1 37.3 55.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.315 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013277.D

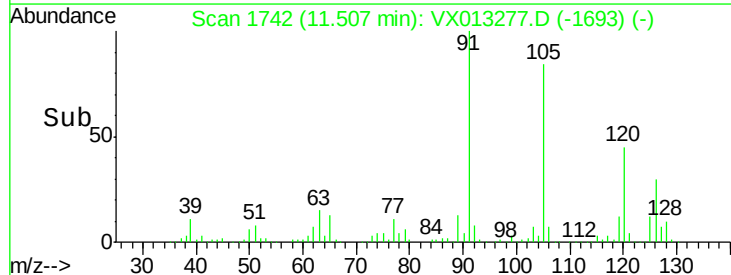
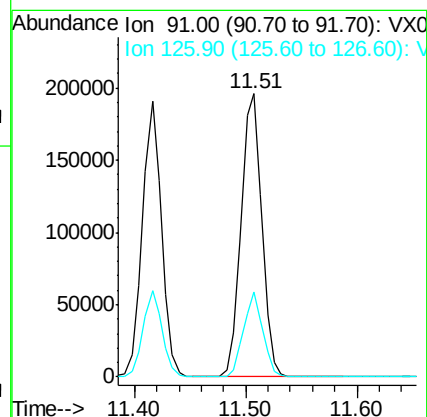
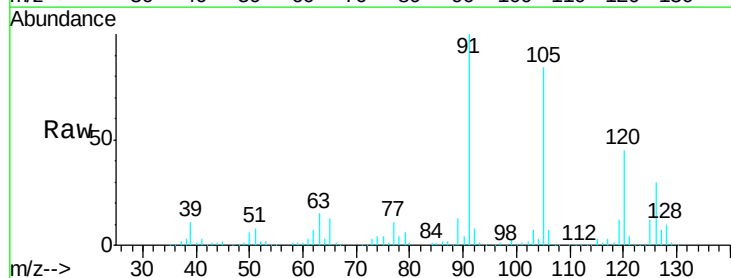
Acq: 30 Oct 2019 10:38

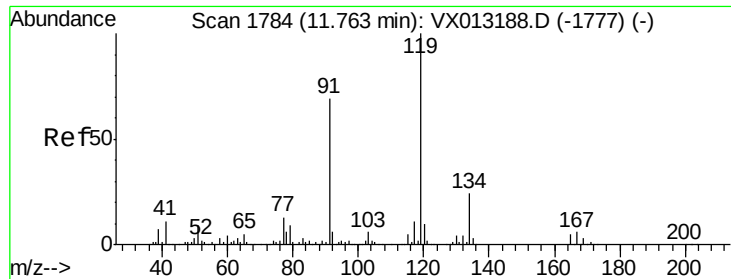
Tgt Ion: 91 Resp: 252158

Ion Ratio Lower Upper

91 100

126 27.9 14.6 44.0





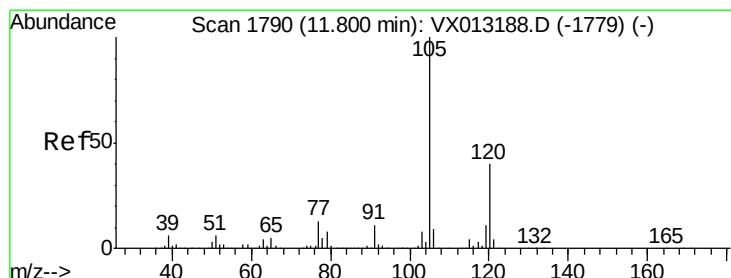
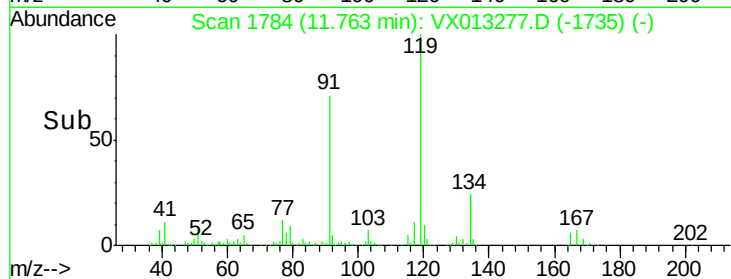
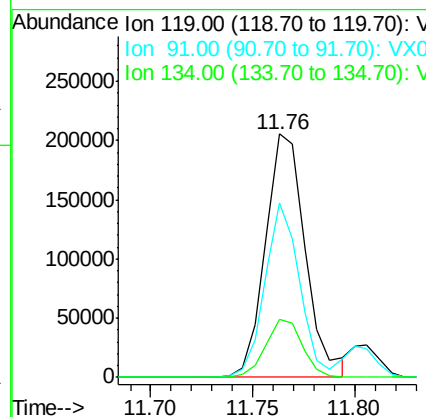
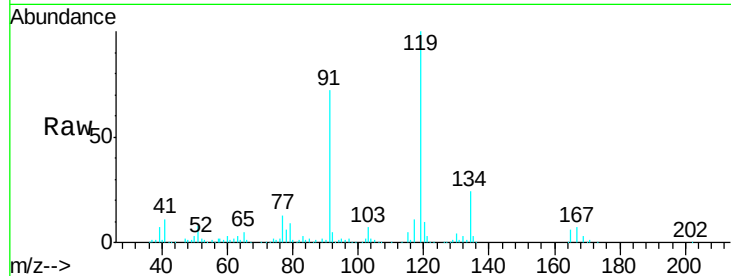
#83
 tert-Butylbenzene
 Concen: 52.968 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	280716		
91	62.1	30.8	92.4	
134	22.0	11.5	34.5	

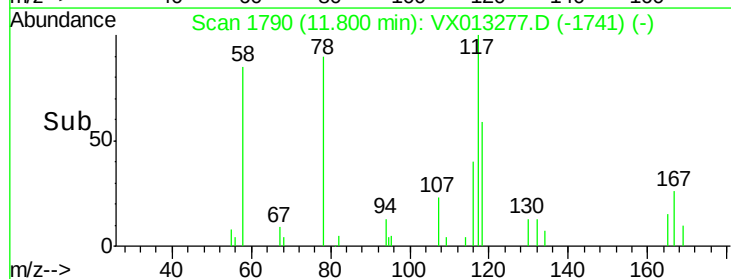
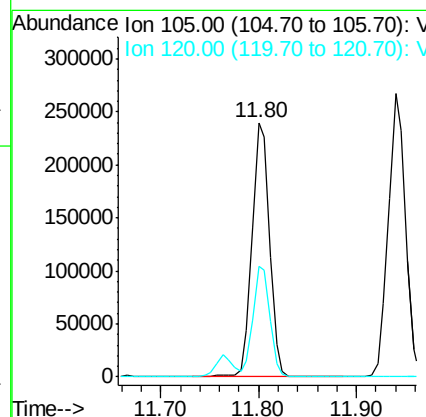
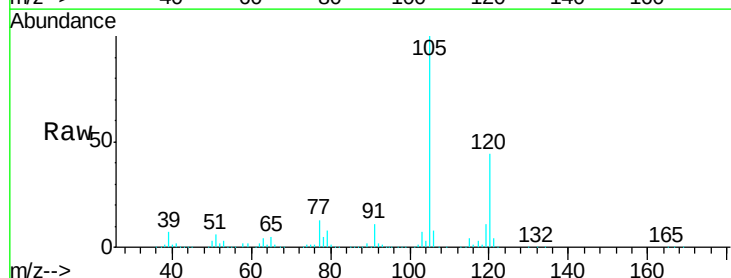
Manual Integrations
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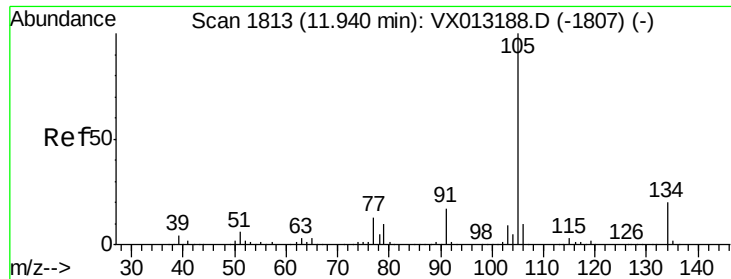
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.042 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	297398		
120	42.2	21.4	64.3	





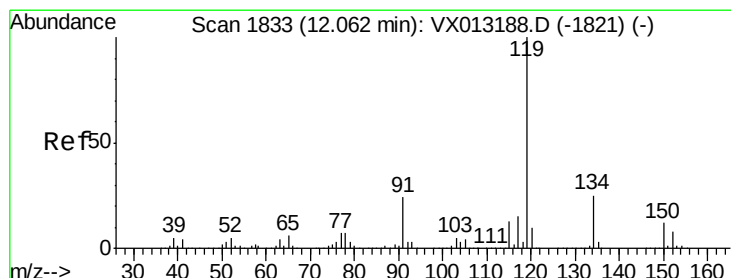
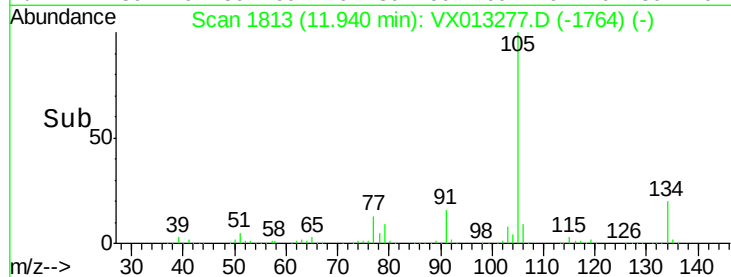
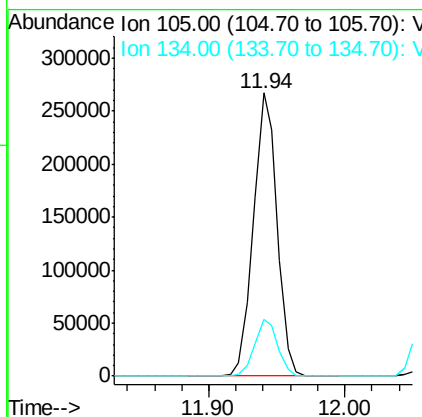
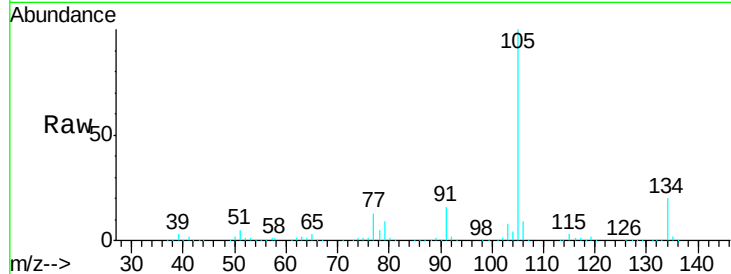
#85
 sec-Butylbenzene
 Concen: 54.070 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 326100
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

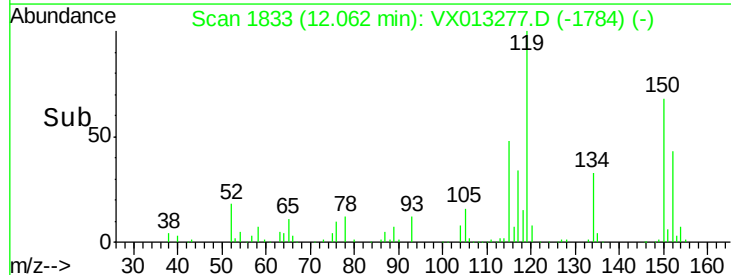
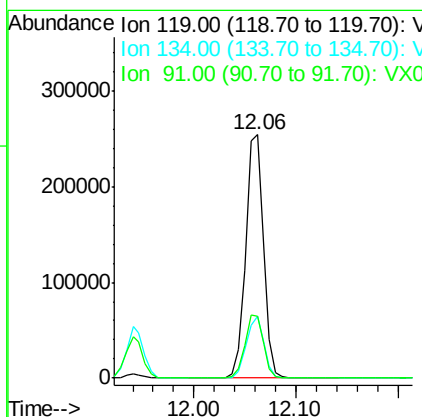
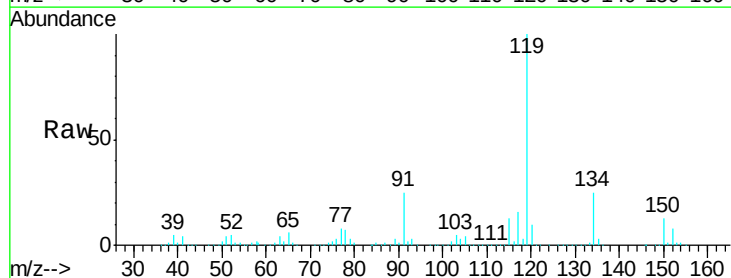
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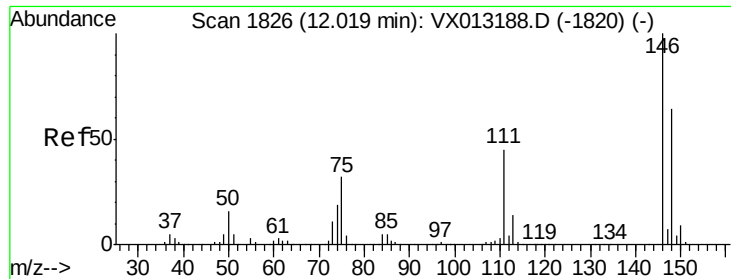
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#86
 p-Isopropyltoluene
 Concen: 53.847 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Tgt Ion:119 Resp: 305093
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.5 37.5
 91 26.8 12.4 37.2





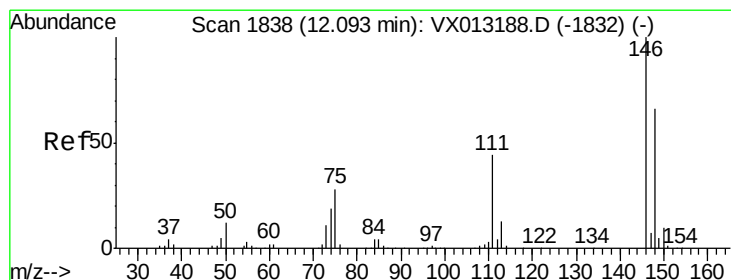
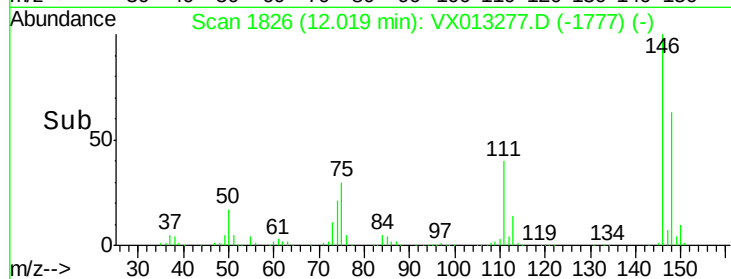
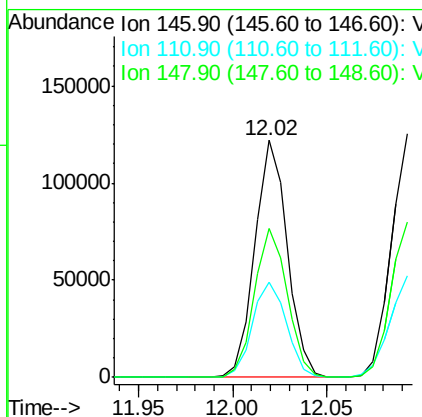
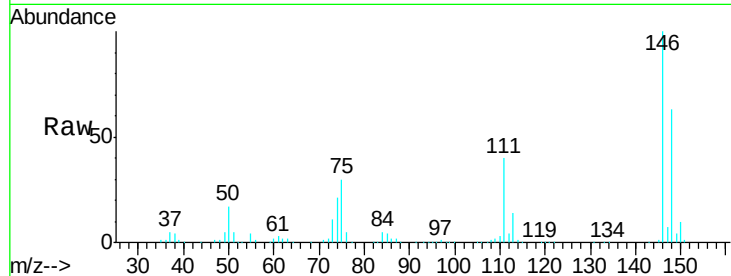
#87
 1,3-Dichlorobenzene
 Concen: 52.220 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.3	63.9
148	63.9	31.6	94.8

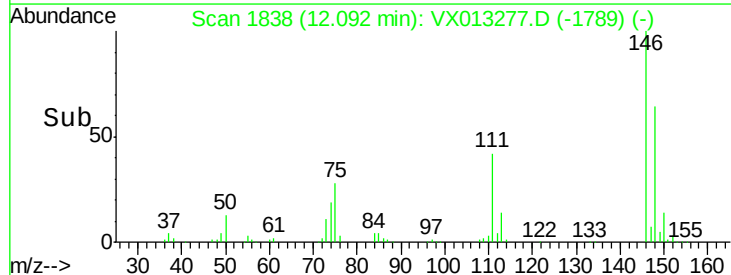
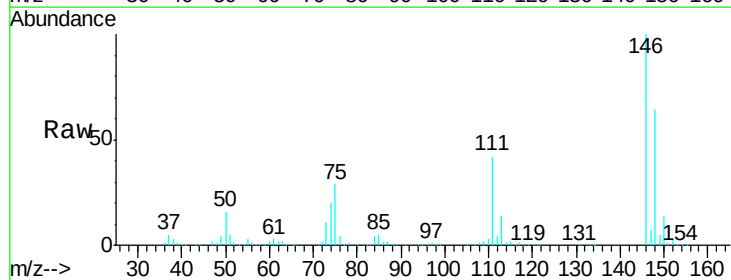
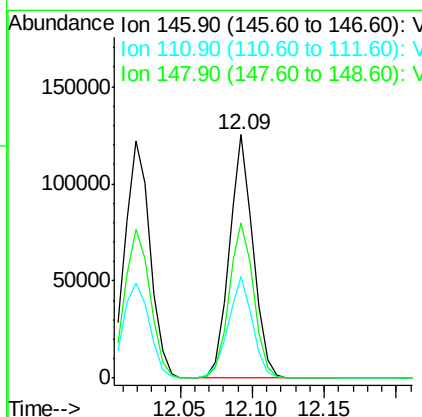
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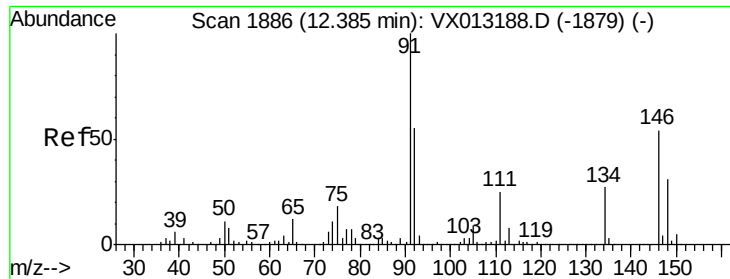
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 51.089 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.9
148	66.0	32.5	97.5





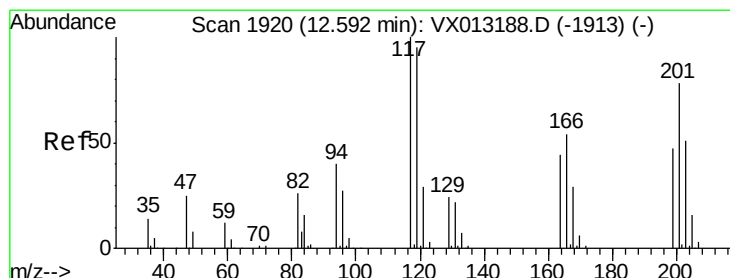
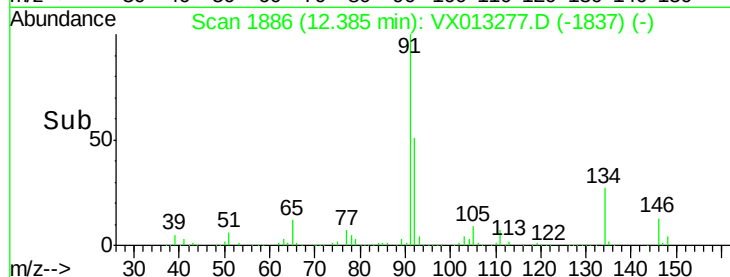
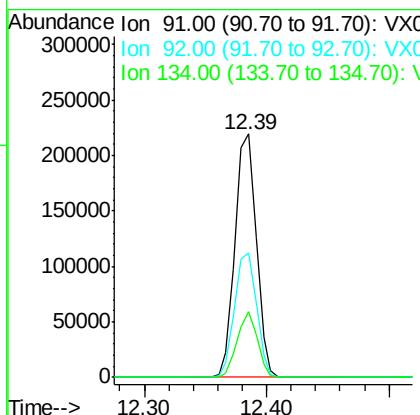
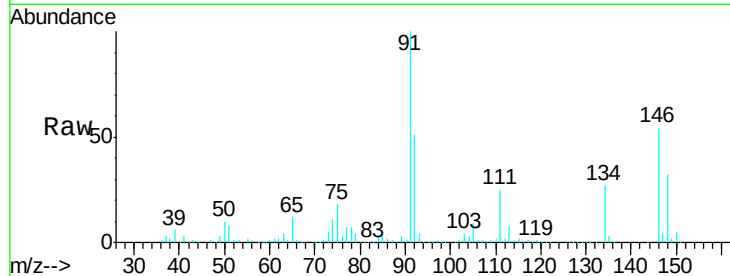
#89
n-Butylbenzene
Concen: 56.780 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 263172
Ion Ratio Lower Upper
91 100
92 52.6 27.7 83.1
134 25.7 13.2 39.6

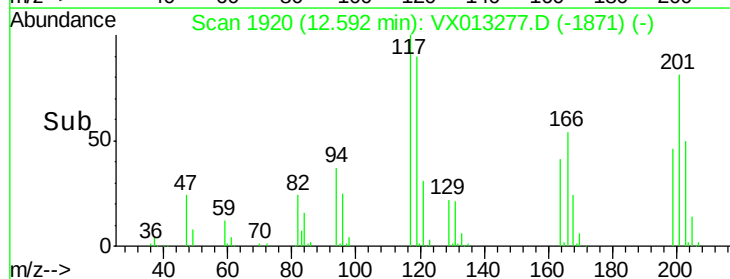
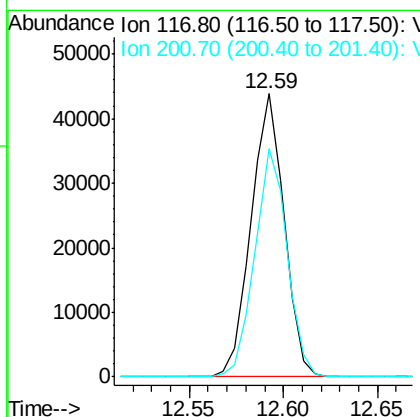
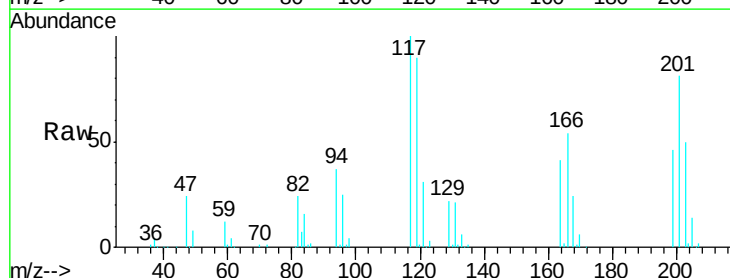
Manual Integrations
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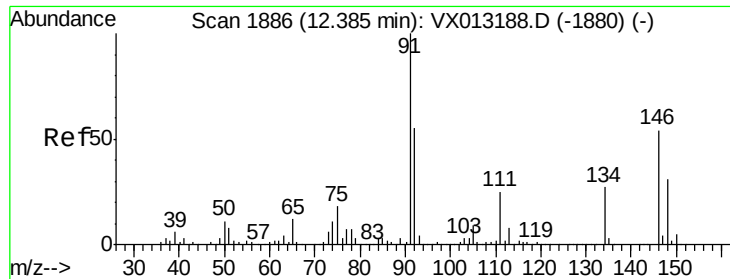
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#90
Hexachloroethane
Concen: 56.210 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion: 117 Resp: 53335
Ion Ratio Lower Upper
117 100
201 79.1 39.0 116.9





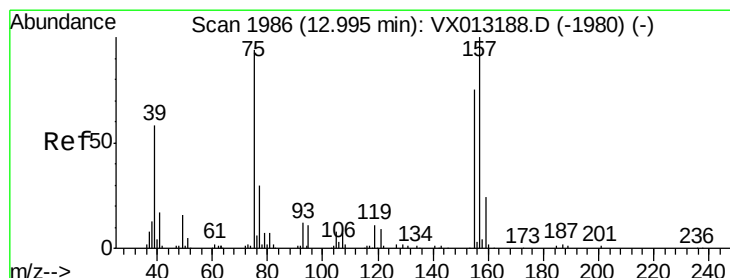
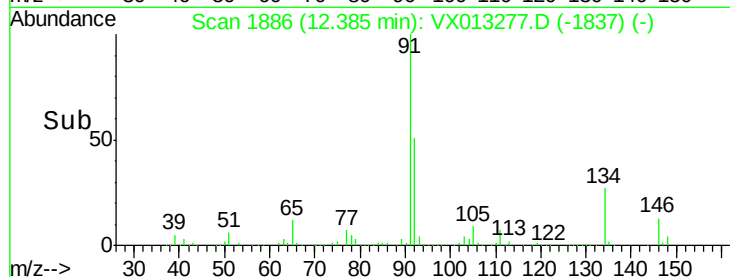
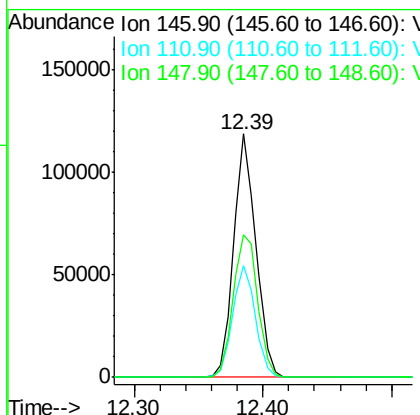
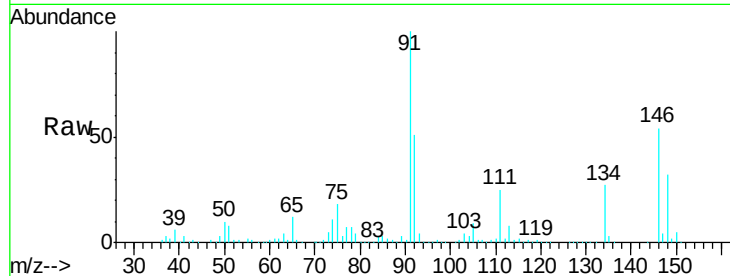
#91
 1,2-Dichlorobenzene
 Concen: 52.132 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.6	22.9	68.8
148	64.4	31.8	95.3

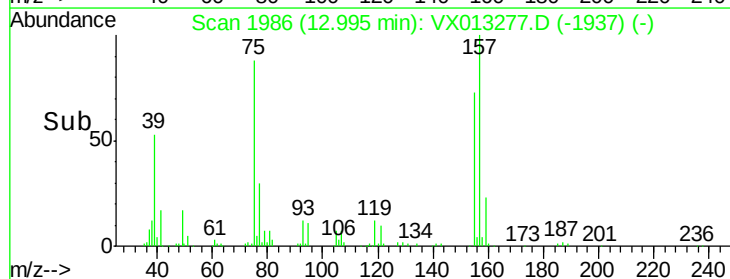
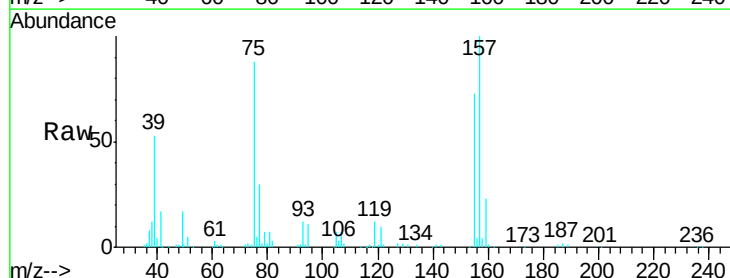
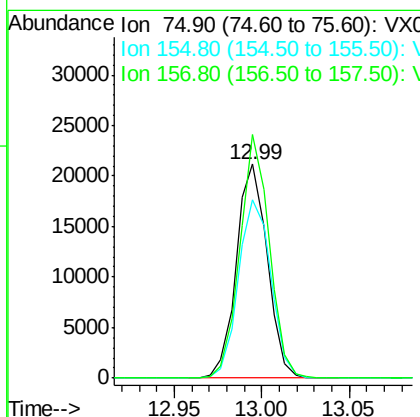
Manual Integrations
 APPROVED

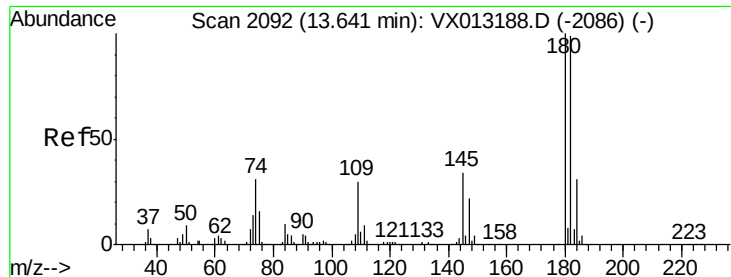
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.406 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013277.D
 Acq: 30 Oct 2019 10:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.7	42.8	128.4
157	108.0	54.3	162.8





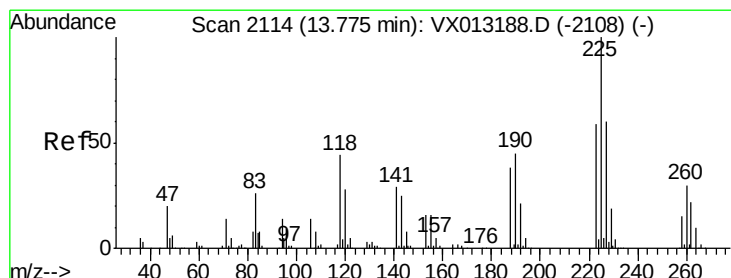
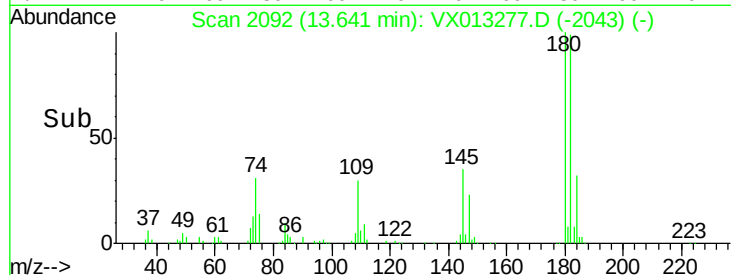
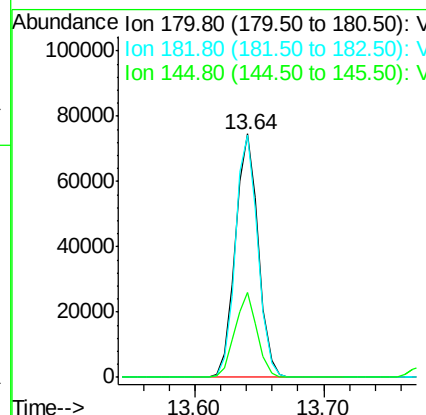
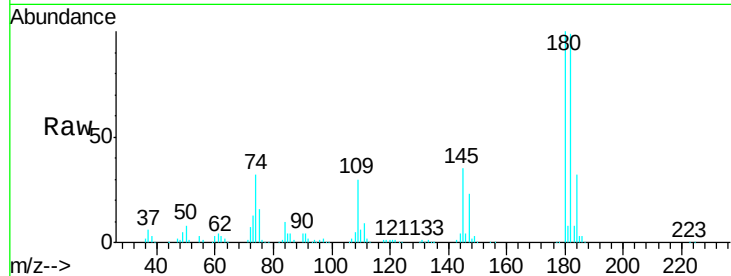
#93
1,2,4-Trichlorobenzene
Concen: 53.690 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	45.9	137.6
145	33.6	15.9	47.6

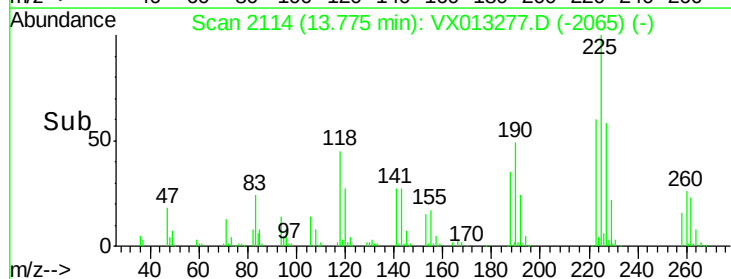
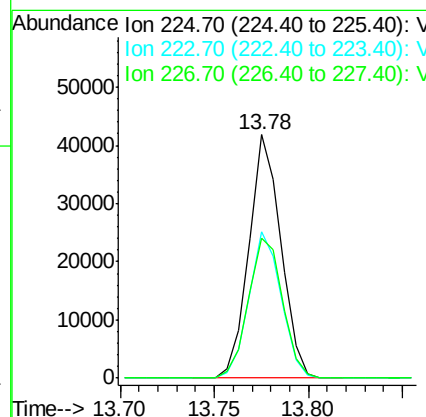
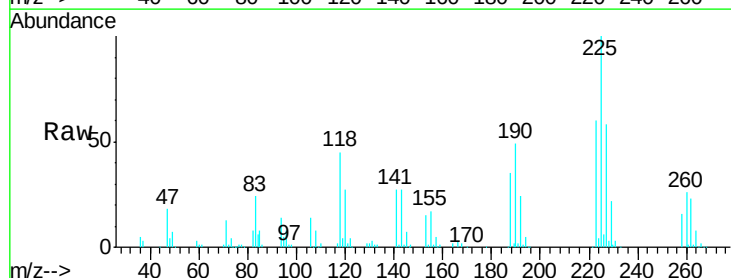
Manual Integrations
APPROVED

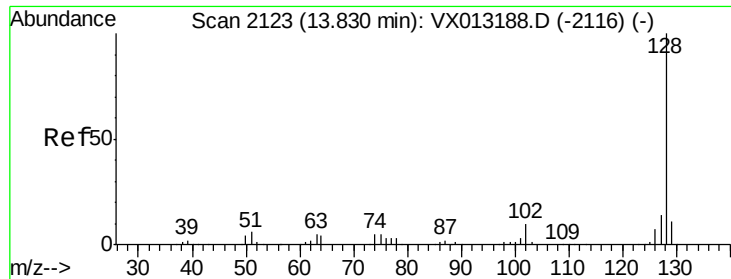
MMDadoda
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#94
Hexachlorobutadiene
Concen: 54.954 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	30.9	92.5
227	61.7	30.3	90.9





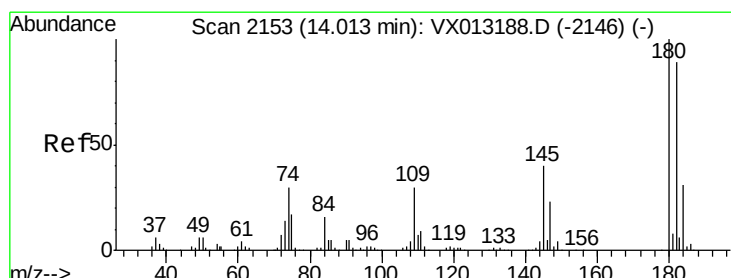
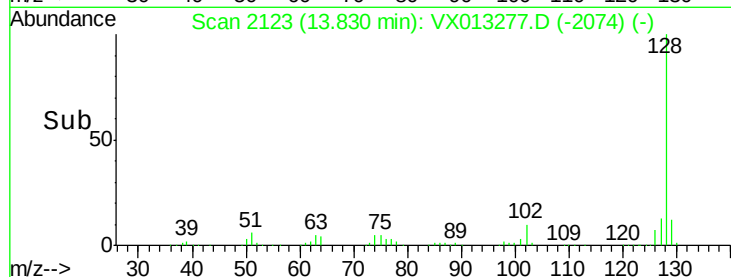
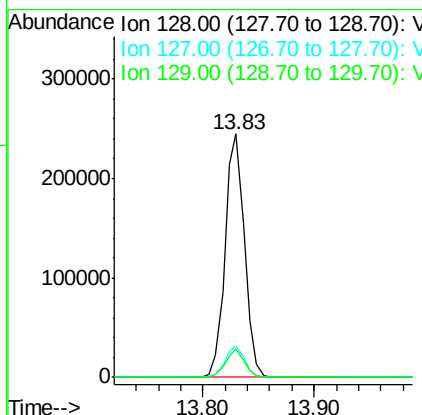
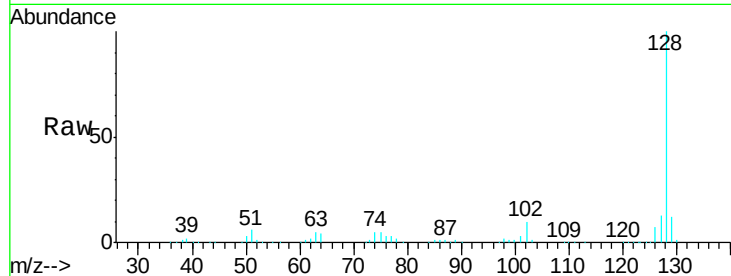
#95
Naphthalene
Concen: 55.248 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	292976		
127	12.8	10.7	16.1	
129	11.1	8.6	13.0	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 55.368 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013277.D
Acq: 30 Oct 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	94533		
182	95.5	48.3	144.9	
145	36.2	18.6	55.6	

