

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101519\
 Data File : VX013083.D
 Acq On : 15 Oct 2019 17:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 9:57:23 AM

Quant Time: Oct 16 07:01:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	155364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	260529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	115714	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	101649	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
35) Dibromofluoromethane	5.49	113	82824	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	
50) Toluene-d8	8.71	98	302740	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	11.13	95	119879	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	69505	43.889	ug/l	99
3) Chloromethane	1.32	50	80708	46.828	ug/l	98
4) Vinyl Chloride	1.40	62	79963	44.950	ug/l	100
5) Bromomethane	1.62	94	32448	43.879	ug/l	97
6) Chloroethane	1.70	64	51885	47.765	ug/l	97
7) Trichlorofluoromethane	1.92	101	115287	48.016	ug/l	98
8) Diethyl Ether	2.18	74	49585	51.163	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74966	48.243	ug/l	99
10) Methyl Iodide	2.50	142	96439	54.295	ug/l	99
11) Tert butyl alcohol	3.04	59	124922	242.677	ug/l	99
12) 1,1-Dichloroethene	2.36	96	74667	47.558	ug/l	94
13) Acrolein	2.28	56	103279	282.320	ug/l	100
14) Allyl chloride	2.72	41	138280	49.456	ug/l	98
15) Acrylonitrile	3.13	53	261740	268.308	ug/l	98
16) Acetone	2.44	43	259062	253.102	ug/l	99
17) Carbon Disulfide	2.56	76	183017	40.881	ug/l	99
18) Methyl Acetate	2.76	43	126464	52.127	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	292174	53.888	ug/l	98
20) Methylene Chloride	2.84	84	92593	49.223	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	84467	50.195	ug/l	96
22) Diisopropyl ether	3.84	45	283315	52.880	ug/l	95
23) Vinyl Acetate	3.80	43	1227251	265.344	ug/l	100
24) 1,1-Dichloroethane	3.69	63	156324	51.864	ug/l	98
25) 2-Butanone	4.66	43	367449	258.761	ug/l	99
26) 2,2-Dichloropropane	4.58	77	130309	51.412	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	99553	51.323	ug/l	99
28) Bromochloromethane	5.00	49	49203	54.665	ug/l	96
29) Tetrahydrofuran	5.11	42	227297	260.113	ug/l	98
30) Chloroform	5.20	83	159561	51.593	ug/l	97
31) Cyclohexane	5.57	56	124078	44.024	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	135361	51.655	ug/l	99
36) 1,1-Dichloropropene	5.79	75	111493	48.674	ug/l	99
37) Ethyl Acetate	4.82	43	132349	51.672	ug/l	99
38) Carbon Tetrachloride	5.77	117	112750	50.571	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	130230	46.881	ug/l	98
40) Benzene	6.13	78	357738	52.879	ug/l	99
41) Methacrylonitrile	5.03	41	72113	51.238	ug/l	97
42) 1,2-Dichloroethane	6.19	62	131687	54.246	ug/l	99
43) Isopropyl Acetate	6.44	43	214344	52.139	ug/l	98
44) Trichloroethene	7.21	130	93895	50.050	ug/l	98
45) 1,2-Dichloropropane	7.51	63	93806	54.404	ug/l	99
46) Dibromomethane	7.65	93	62741	54.615	ug/l	98
47) Bromodichloromethane	7.89	83	124411	55.494	ug/l	98
48) Methyl methacrylate	7.76	41	105868	52.846	ug/l	99
49) 1,4-Dioxane	7.73	88	54661	1016.162	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	688384	268.574	ug/l	99
52) Toluene	8.78	92	228406	52.772	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	135769	48.591	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	151433	54.920	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	94930	55.423	ug/l	96
56) Ethyl methacrylate	9.17	69	155451	50.658	ug/l	97
57) 1,3-Dichloropropane	9.37	76	160301	54.103	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	351557	279.395	ug/l	99
59) 2-Hexanone	9.49	43	539603	270.448	ug/l	98
60) Dibromochloromethane	9.58	129	97205	50.960	ug/l	99
61) 1,2-Dibromoethane	9.67	107	99130	55.017	ug/l	99
64) Tetrachloroethene	9.33	164	87927	53.108	ug/l	96
65) Chlorobenzene	10.14	112	243476	51.364	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	90815	55.255	ug/l	99
67) Ethyl Benzene	10.25	91	432954	51.420	ug/l	98
68) m/p-Xylenes	10.36	106	326672	103.852	ug/l	100
69) o-Xylene	10.70	106	162208	52.880	ug/l	99
70) Styrene	10.71	104	282497	54.173	ug/l	100
71) Bromoform	10.85	173	66500	47.652	ug/l #	99
73) Isopropylbenzene	11.01	105	418750	49.221	ug/l	99
74) N-amyl acetate	10.89	43	190050	51.870	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	144961	51.230	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	116396m	45.352	ug/l	
77) Bromobenzene	11.25	156	104453	52.102	ug/l	98
78) n-propylbenzene	11.35	91	471928	50.412	ug/l	99
79) 2-Chlorotoluene	11.42	91	296717	50.433	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	365257	51.417	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	45879	46.297	ug/l	98
82) 4-Chlorotoluene	11.51	91	345481	51.232	ug/l	99
83) tert-Butylbenzene	11.76	119	350984	50.649	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	374346	52.032	ug/l	99
85) sec-Butylbenzene	11.94	105	408461	50.877	ug/l	99
86) p-Isopropyltoluene	12.06	119	373397	50.148	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	187986	50.495	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	185050	49.079	ug/l	99
89) n-Butylbenzene	12.39	91	318185	50.845	ug/l	99
90) Hexachloroethane	12.59	117	63741	46.381	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	189974	52.051	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35294	53.217	ug/l	98

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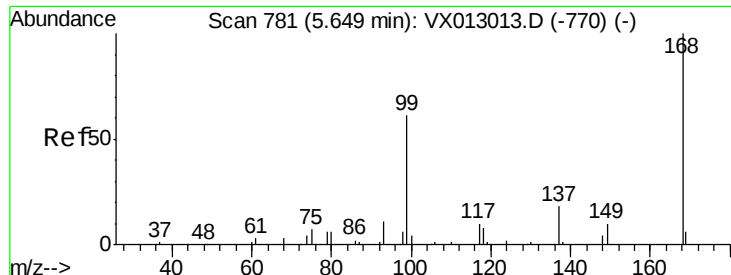
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	119425	52.235	ug/l	100
94) Hexachlorobutadiene	13.78	225	52589	49.841	ug/l	97
95) Naphthalene	13.83	128	414683	52.323	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	116966	49.506	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 155364

Ion Ratio Lower Upper

168 100

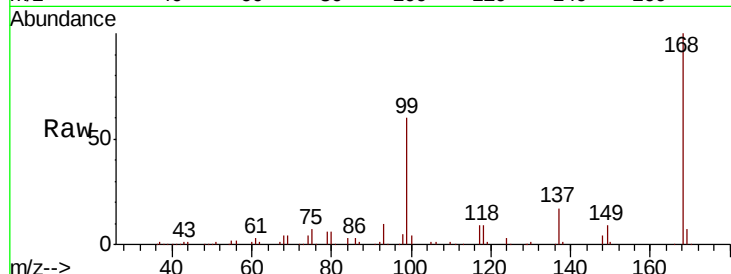
99 60.3 49.4 74.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

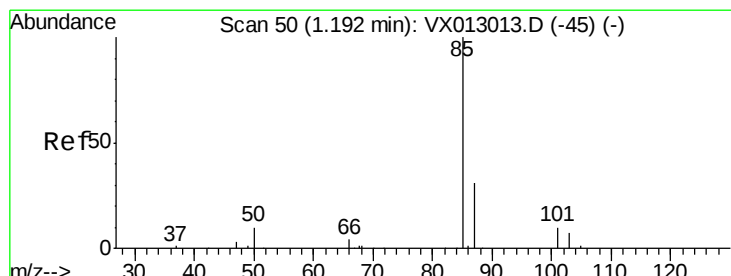
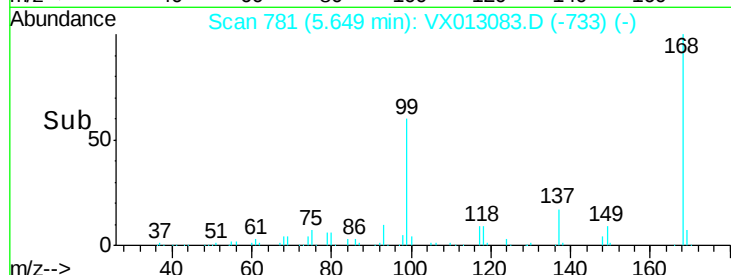
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.889 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013083.D

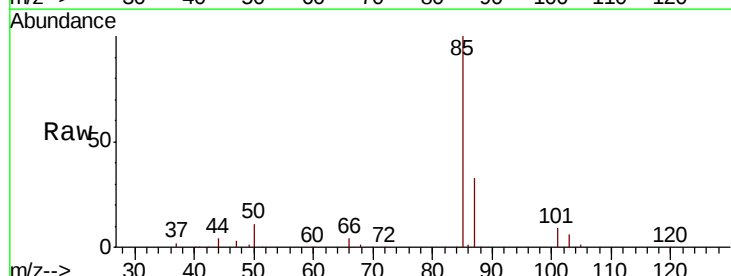
Acq: 15 Oct 2019 17:13

Tgt Ion: 85 Resp: 69505

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

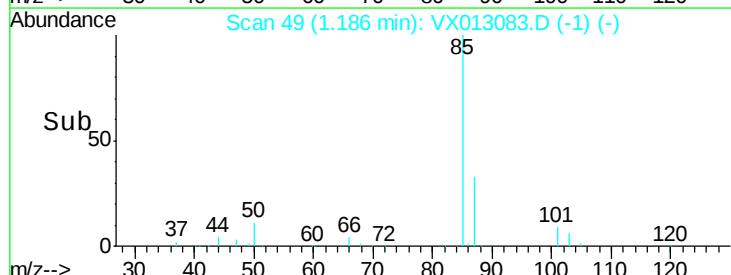
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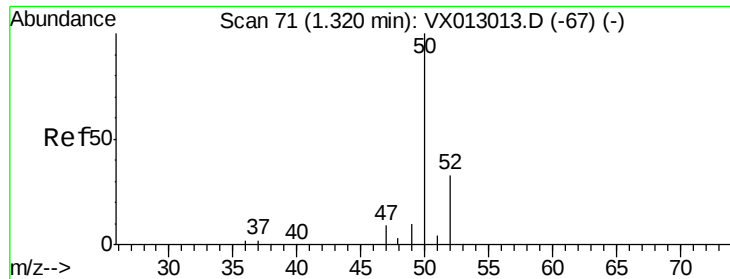
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.828 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 80708

Ion Ratio Lower Upper

50 100

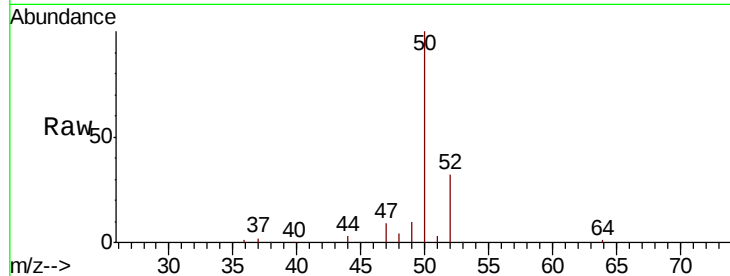
52 32.5 25.2 37.8

Manual Integrations

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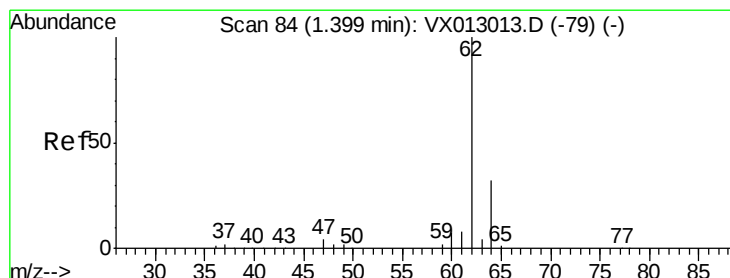
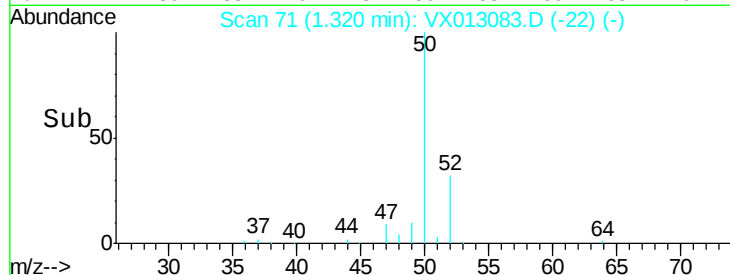
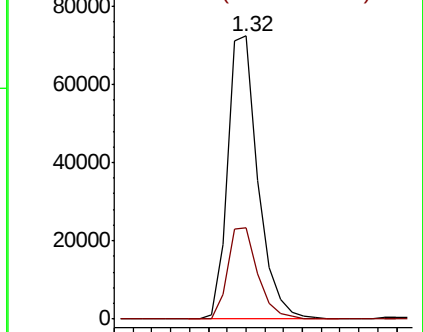
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.950 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013083.D

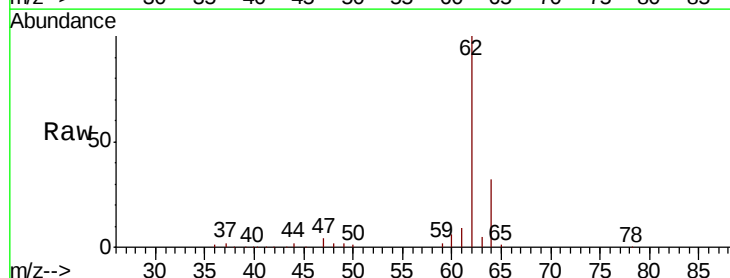
Acq: 15 Oct 2019 17:13

Tgt Ion: 62 Resp: 79963

Ion Ratio Lower Upper

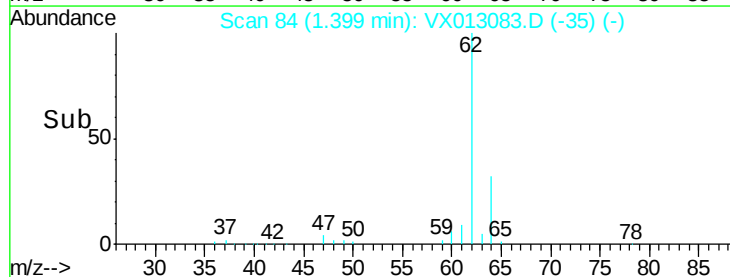
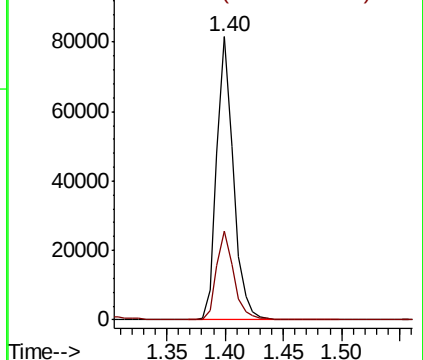
62 100

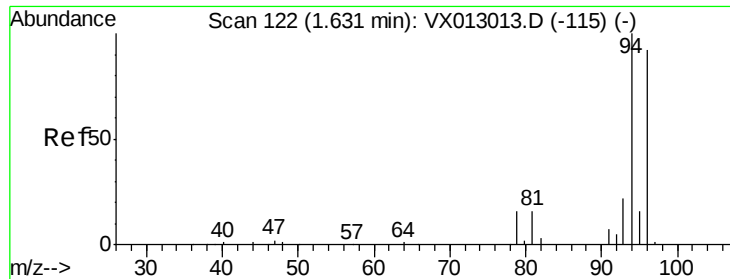
64 31.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.879 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 32448

Ion Ratio Lower Upper

94 100

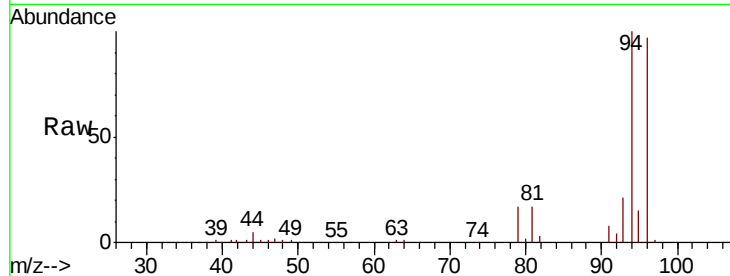
96 96.6 74.7 112.1

Manual Integrations

APPROVED

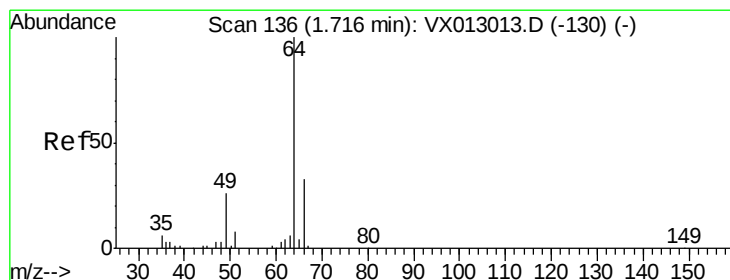
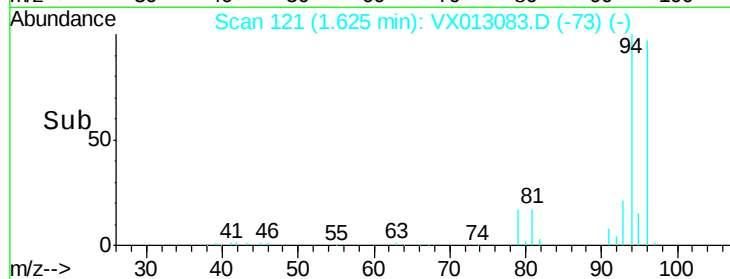
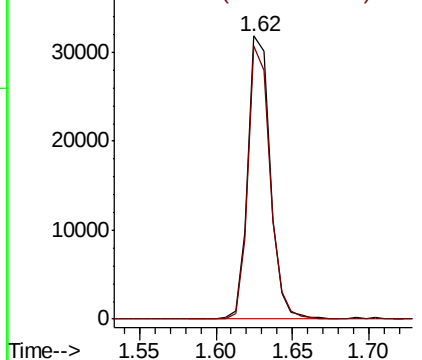
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.765 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013083.D

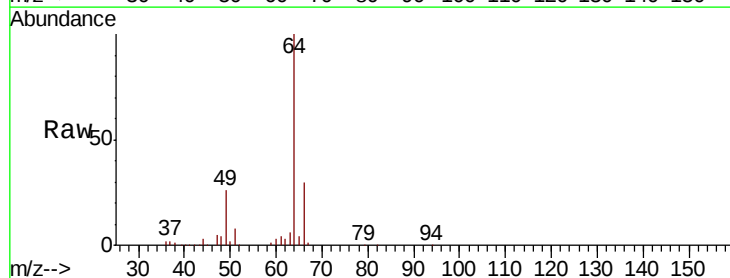
Acq: 15 Oct 2019 17:13

Tgt Ion: 64 Resp: 51885

Ion Ratio Lower Upper

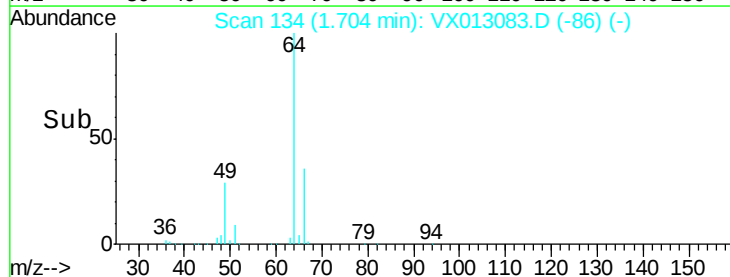
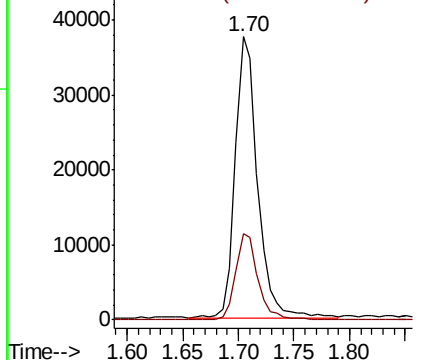
64 100

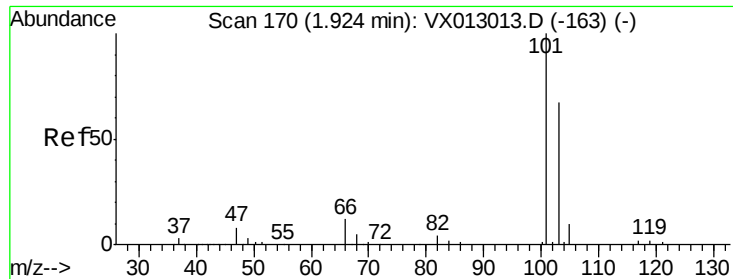
66 30.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

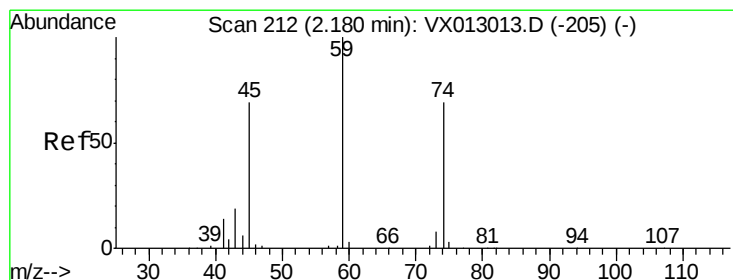
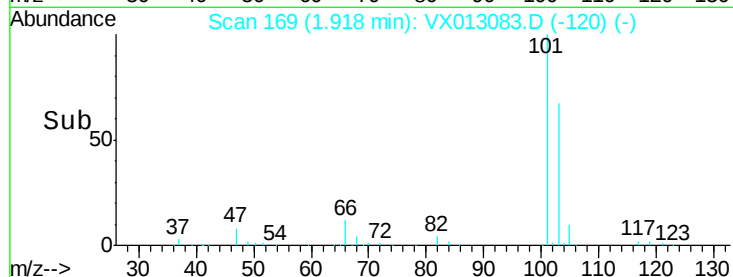
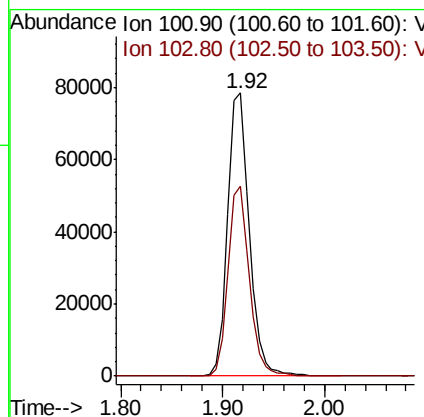
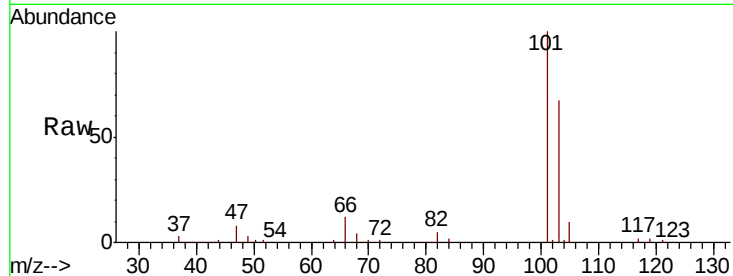
Trichlorofluoromethane
Concen: 48.016 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 115287
Ion Ratio Lower Upper
101 100
103 67.1 52.5 78.7

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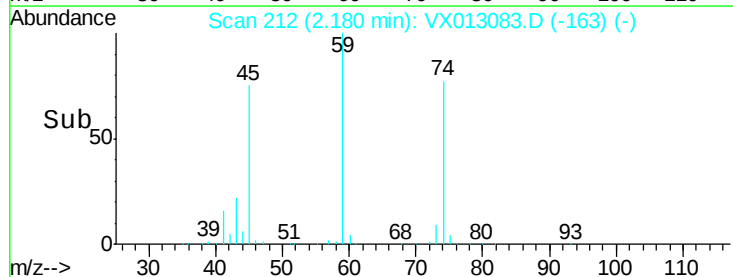
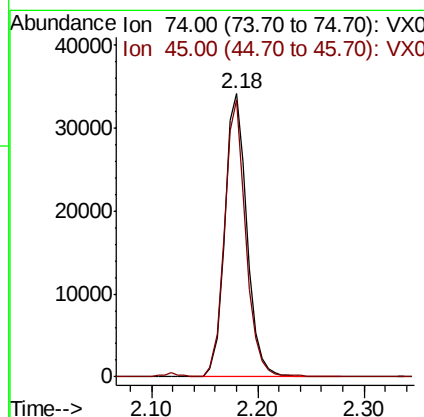
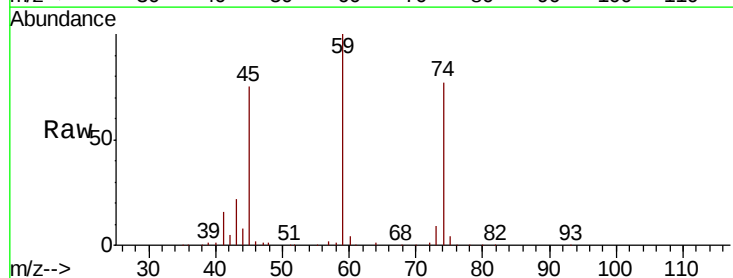
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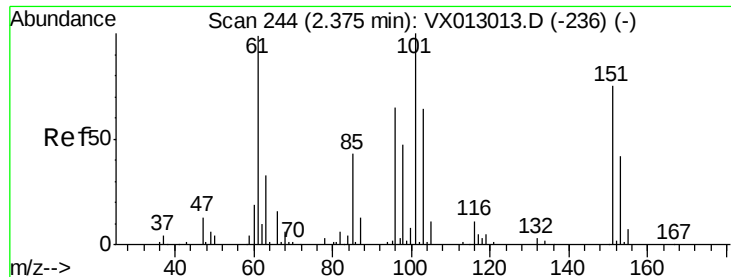


#8

Diethyl Ether
Concen: 51.163 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Tgt Ion: 74 Resp: 49585
Ion Ratio Lower Upper
74 100
45 94.4 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.243 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

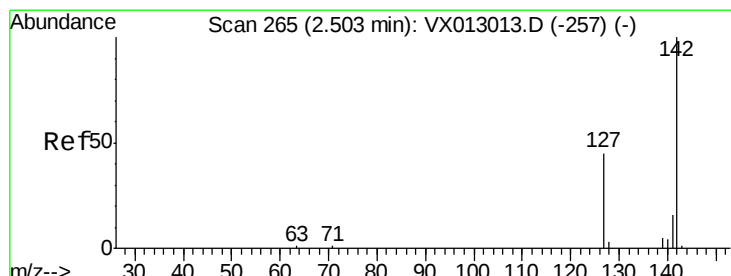
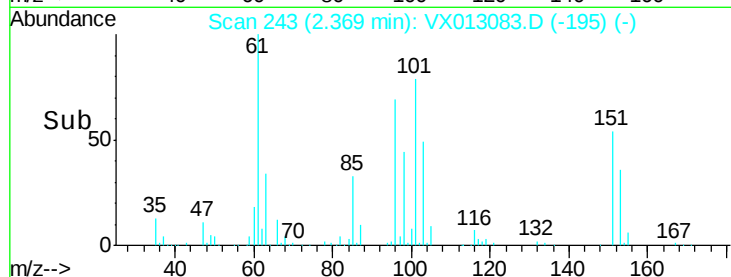
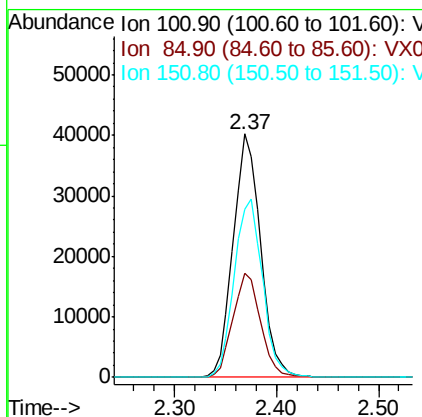
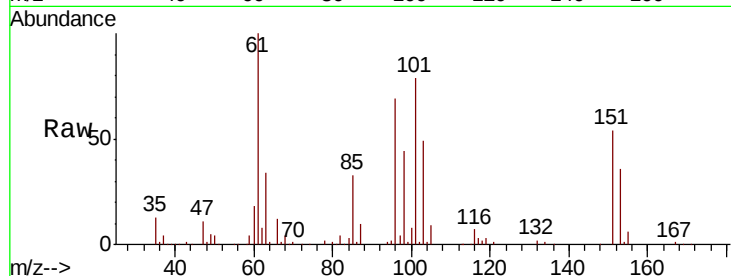
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	74966
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.2	52.8
151	75.8	60.3	90.5

Manual Integrations
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#10

Methyl Iodide

Concen: 54.295 ug/l

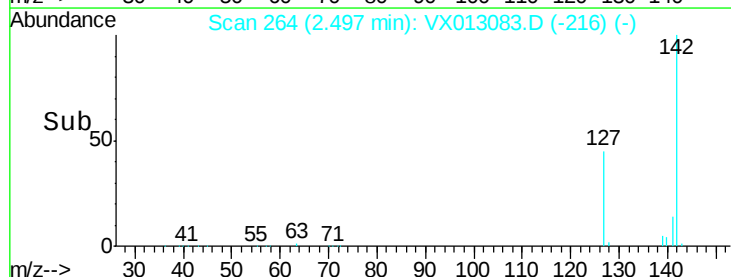
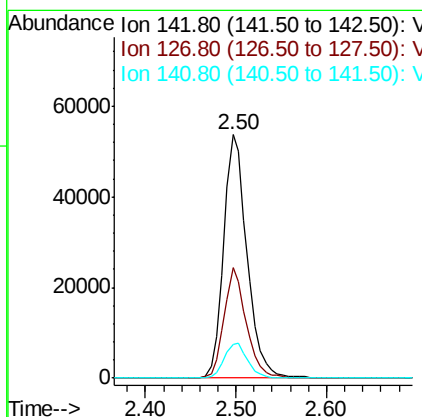
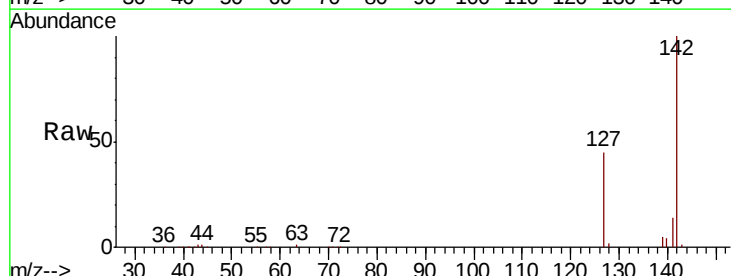
RT: 2.50 min Scan# 264

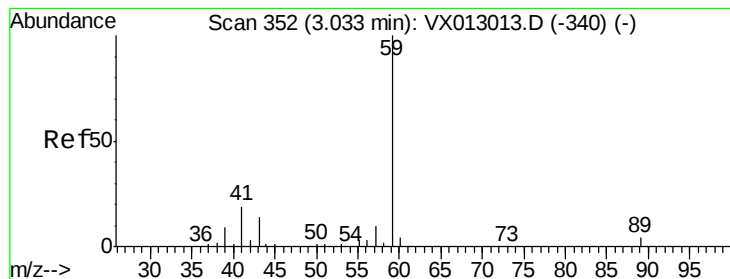
Delta R.T. -0.01 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Tgt Ion:	142	Resp:	96439
Ion Ratio	Lower	Upper	
142	100		
127	43.2	34.9	52.3
141	14.2	11.6	17.4





#11

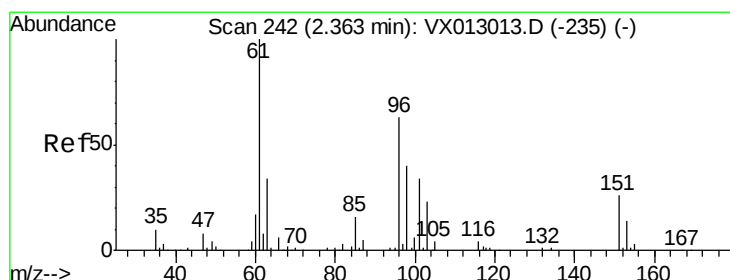
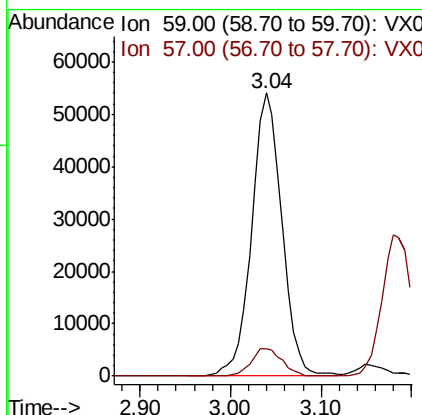
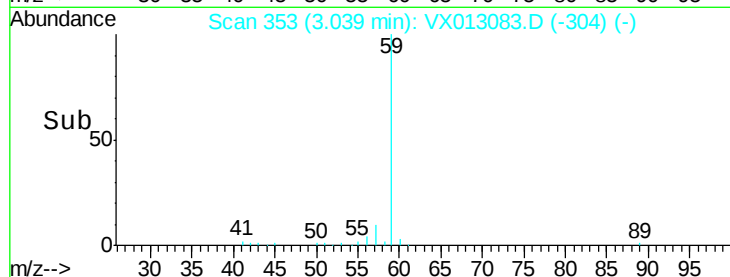
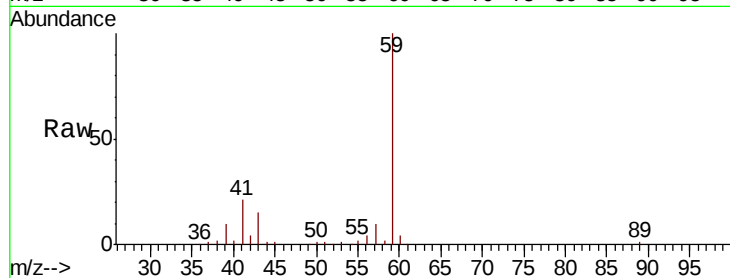
Tert butyl alcohol
Concen: 242.677 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	57	Ratio	100	10.0	Resp	124922	Lower	8.3	Upper	12.5
Ion	59	57	Ratio	100	10.0	Resp	124922	Lower	8.3	Upper	12.5

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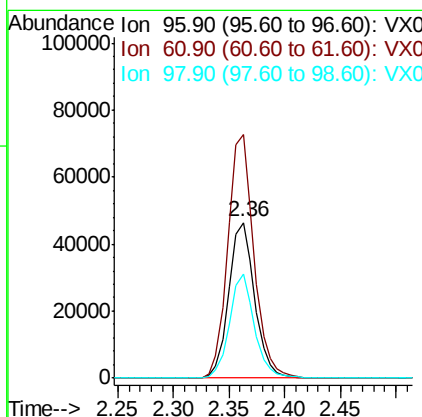
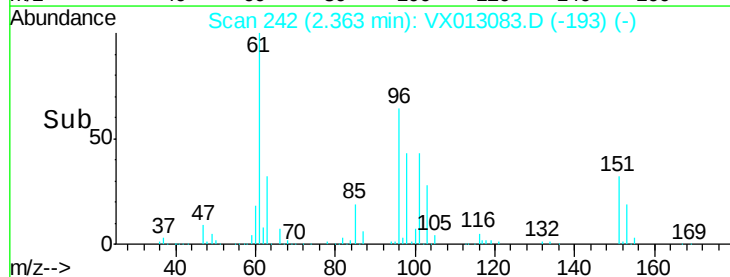
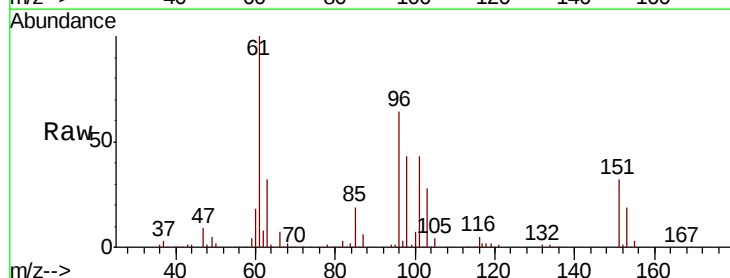
MMDadoda
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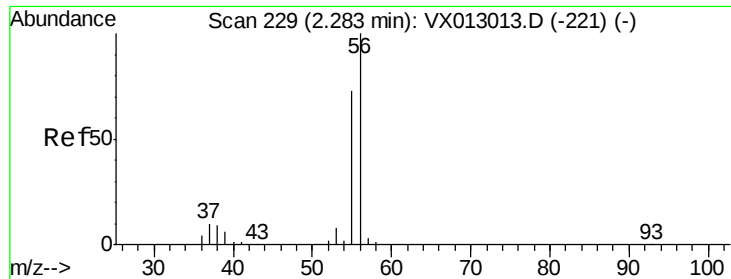


#12

1,1-Dichloroethene
Concen: 47.558 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Tgt Ion	96	61	98	Ratio	100	156.3	66.5	Resp	74667	Lower	132.2	50.5	Upper	198.4	75.7
Ion	96	61	98	Ratio	100	156.3	66.5	Resp	74667	Lower	132.2	50.5	Upper	198.4	75.7





#13

Acrolein

Concen: 282.320 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 103279

Ion Ratio Lower Upper

56 100

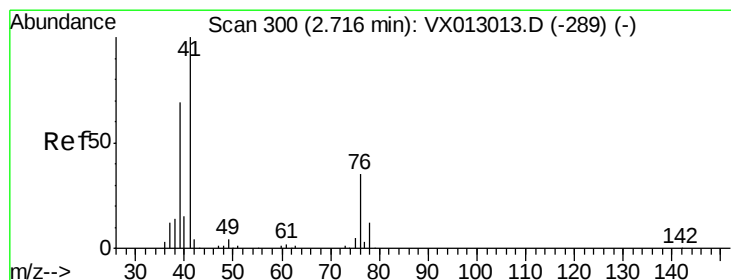
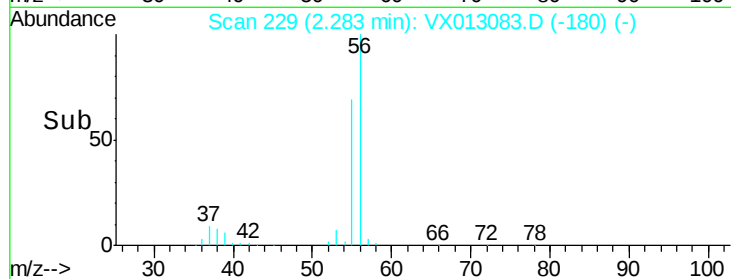
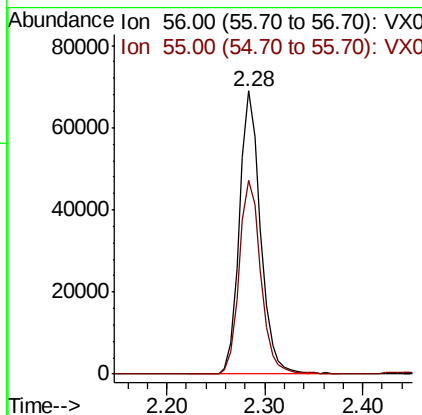
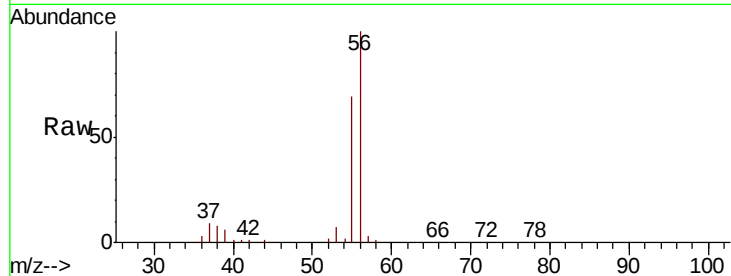
55 70.5 56.6 85.0

Manual Integrations

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#14

Allyl chloride

Concen: 49.456 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

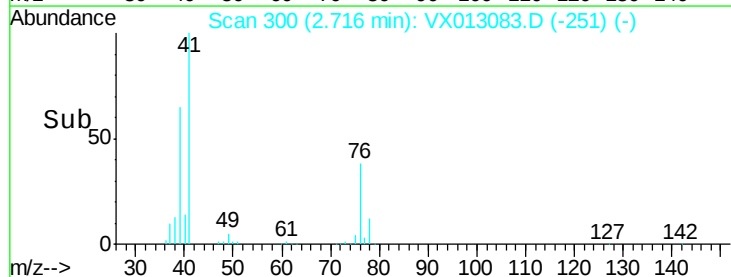
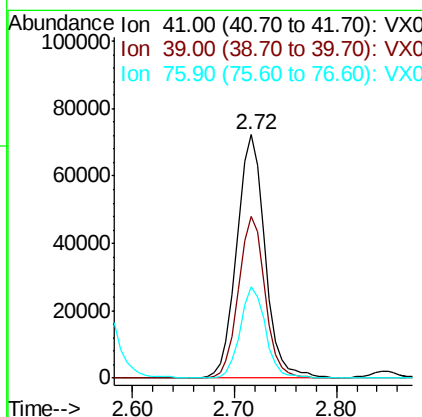
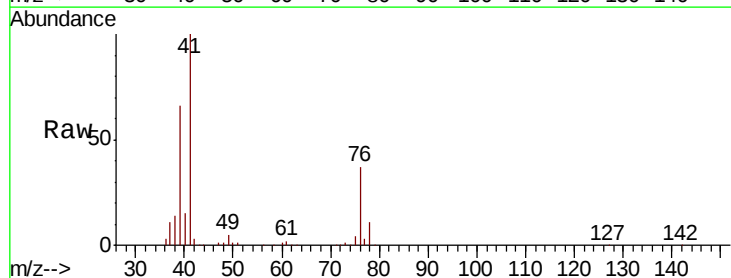
Tgt Ion: 41 Resp: 138280

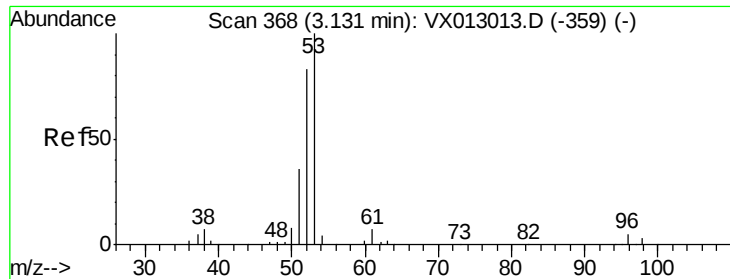
Ion Ratio Lower Upper

41 100

39 62.7 51.0 76.6

76 33.9 26.2 39.4





#15

Acrylonitrile

Concen: 268.308 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

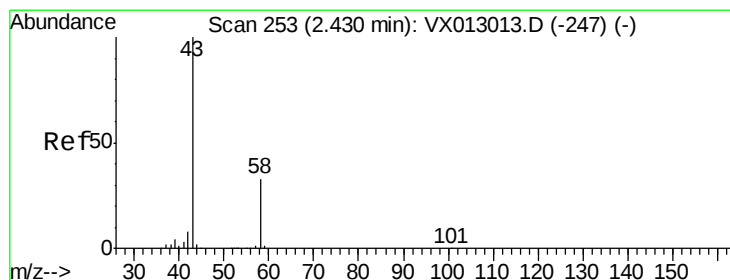
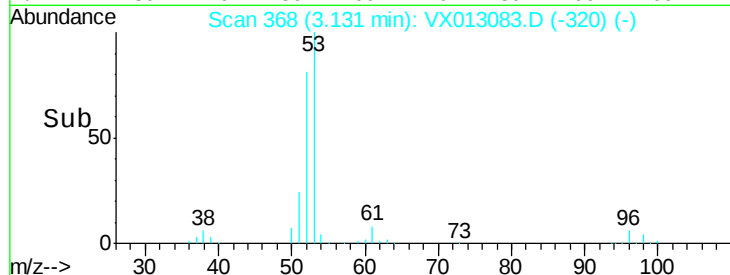
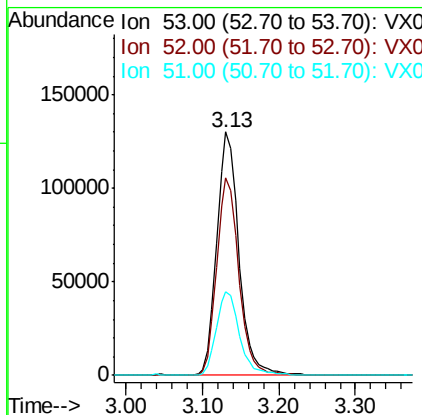
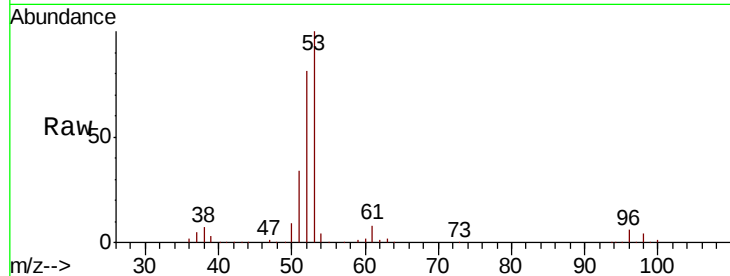
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	261740
Ion Ratio	Lower	Upper	
53	100		
52	81.1	66.2	99.2
51	35.9	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 253.102 ug/l

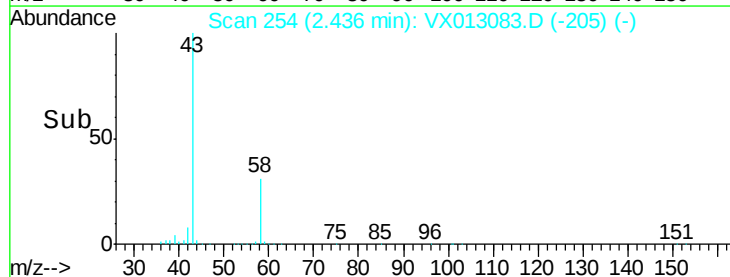
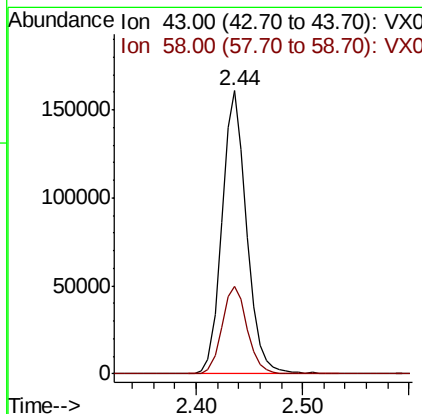
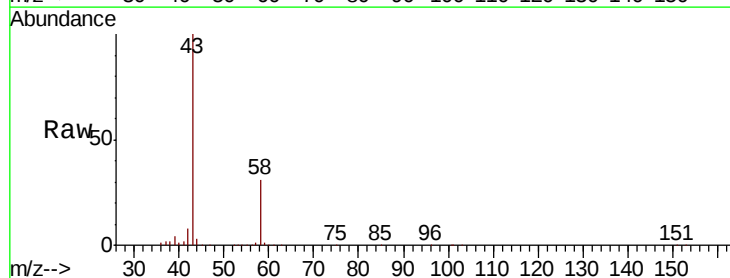
RT: 2.44 min Scan# 254

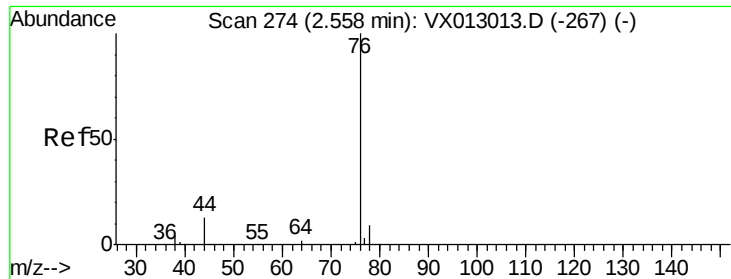
Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Tgt Ion:	43	Resp:	259062
Ion Ratio	Lower	Upper	
43	100		
58	31.1	25.4	38.2





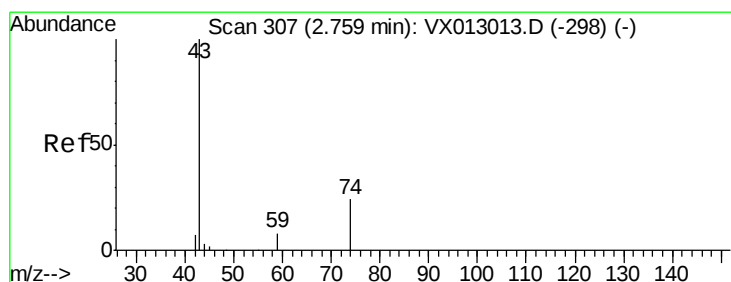
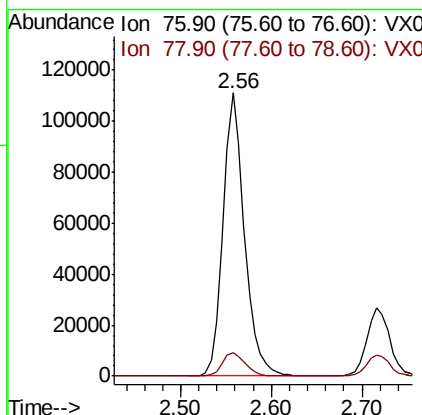
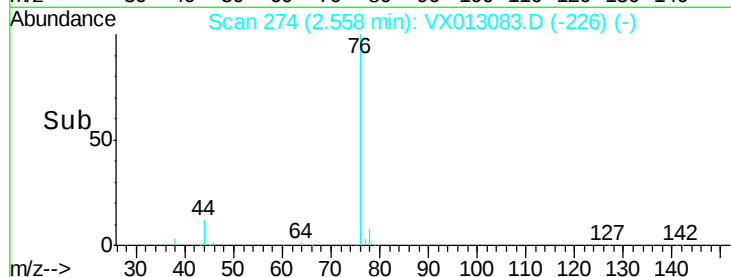
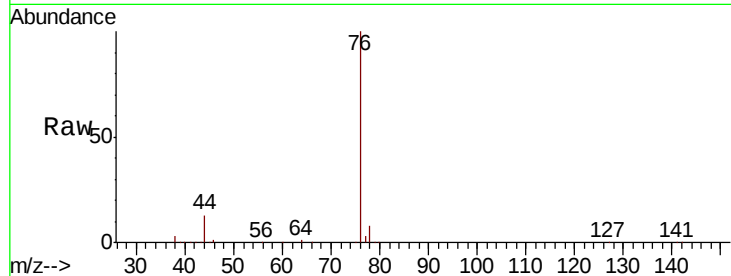
#17
Carbon Disulfide
Concen: 40.881 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.1	10.7

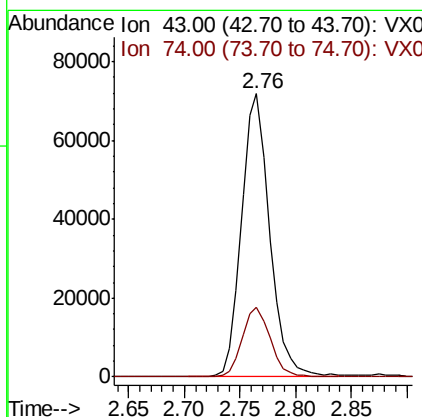
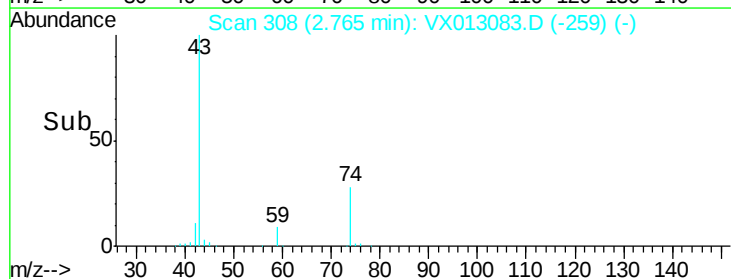
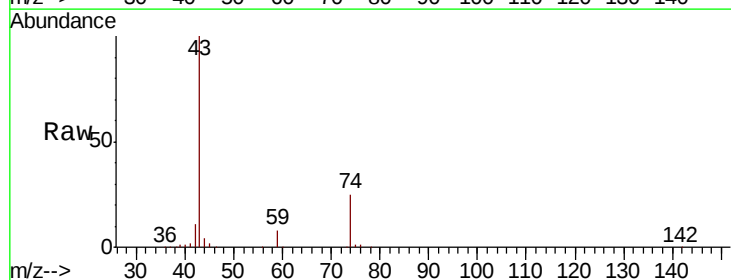
Manual Integrations
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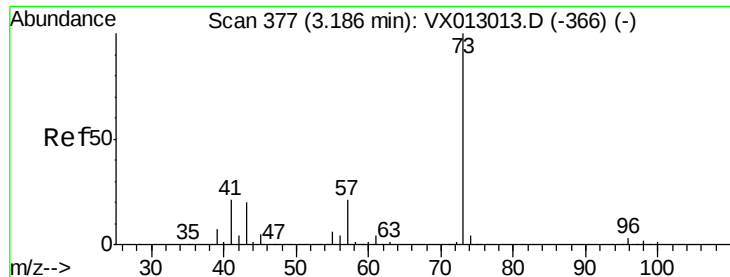
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#18
Methyl Acetate
Concen: 52.127 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	19.2	28.8





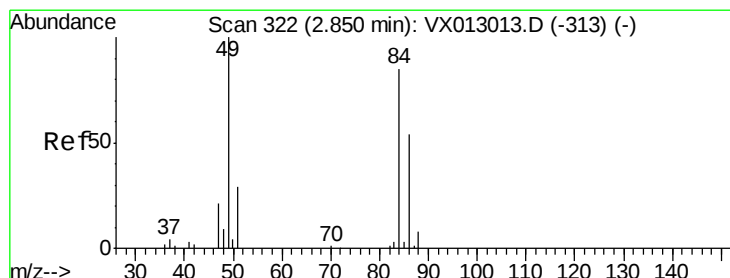
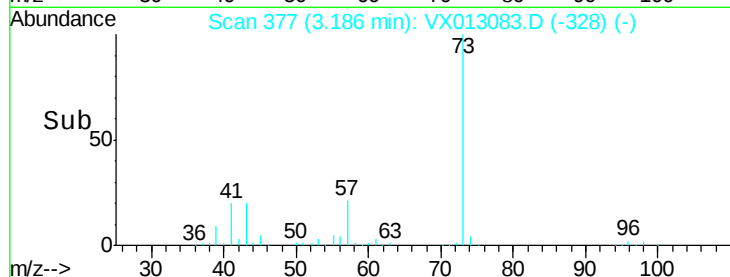
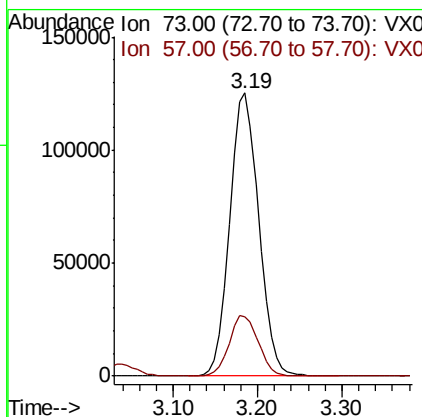
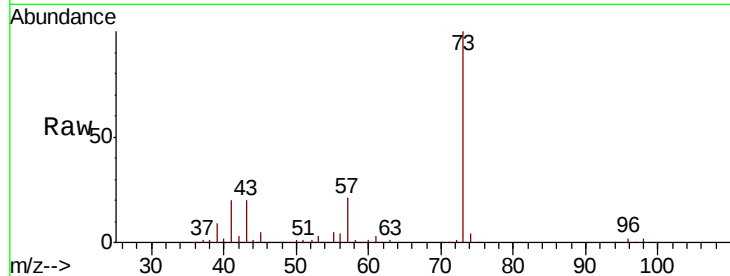
#19
Methyl tert-butyl Ether
Concen: 53.888 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.8	26.6

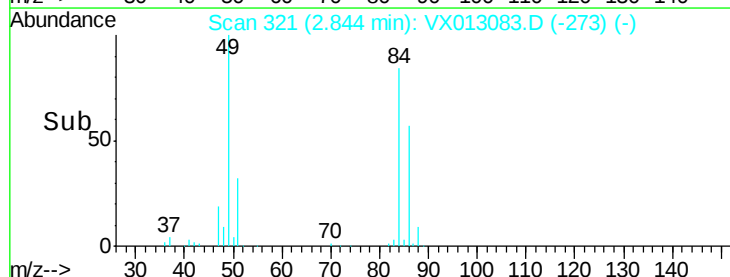
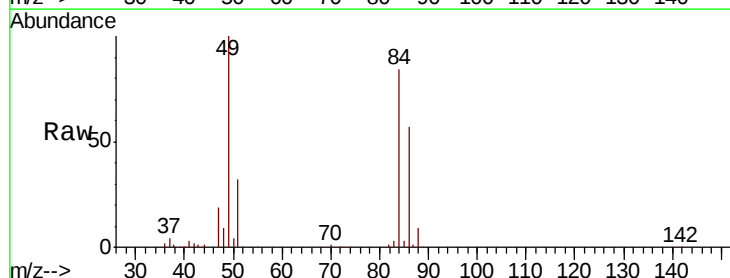
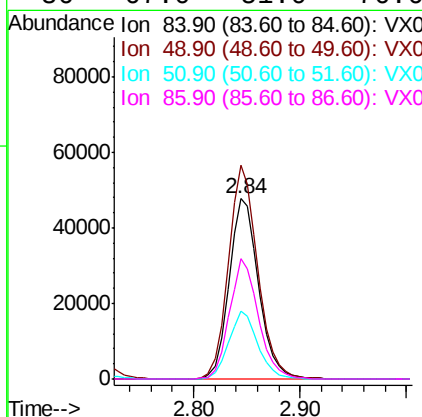
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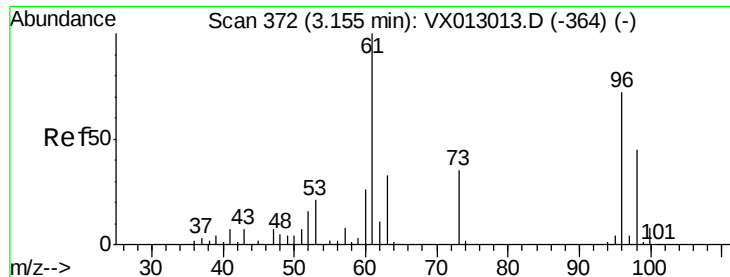
MMDadoda
10/16/2019 9:57:23 AM



#20
Methylene Chloride
Concen: 49.223 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.4	96.6	144.8
51	37.7	30.7	46.1
86	67.0	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 50.195 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

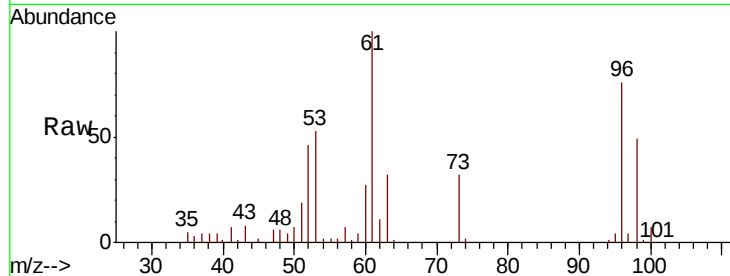
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	84467
Ion	Ratio	Lower	Upper
96	100		
61	131.8	110.4	165.6
98	64.2	51.5	77.3

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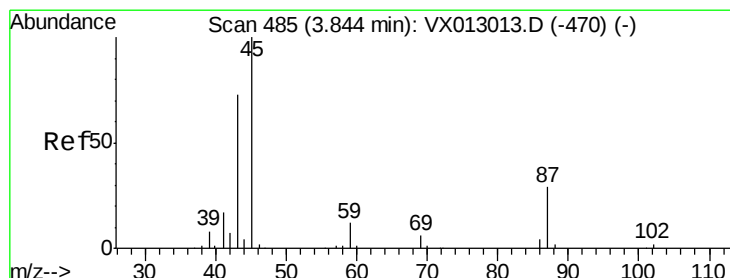
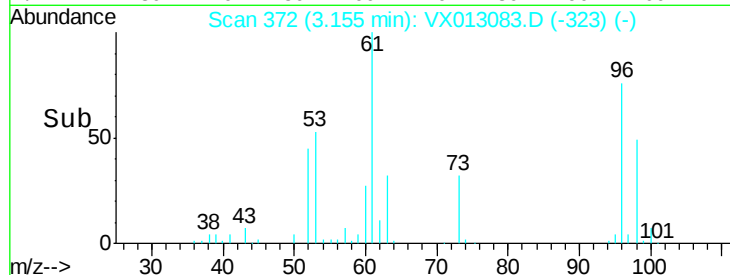
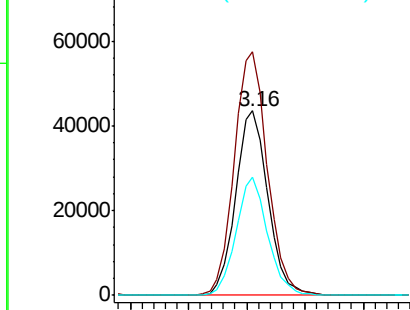


Abundance

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



#22

Diisopropyl ether

Concen: 52.880 ug/l

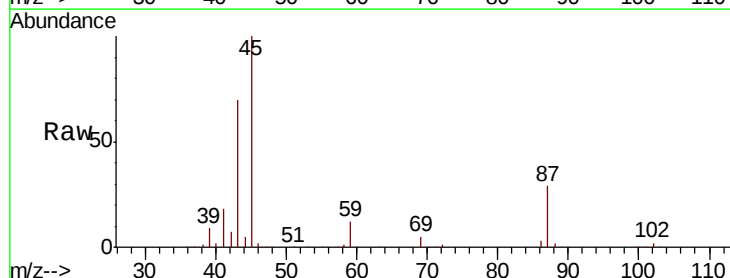
RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Tgt Ion:	45	Resp:	283315
Ion	Ratio	Lower	Upper
45	100		
43	69.7	51.4	77.0
87	28.7	22.5	33.7
59	11.9	9.7	14.5



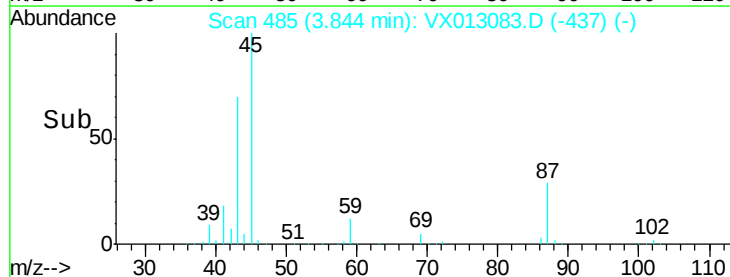
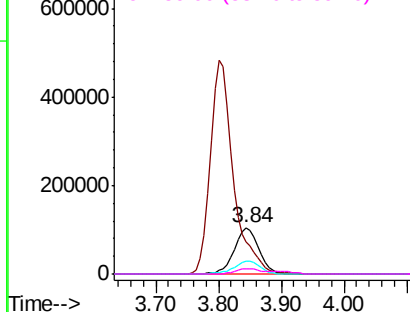
Abundance

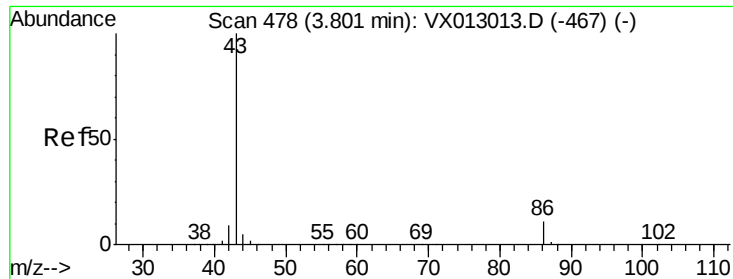
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 265.344 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1227251

Ion Ratio Lower Upper

43 100

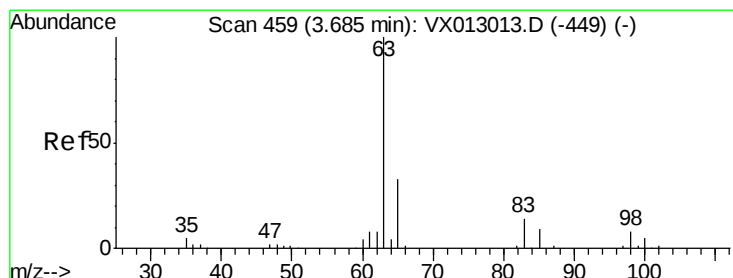
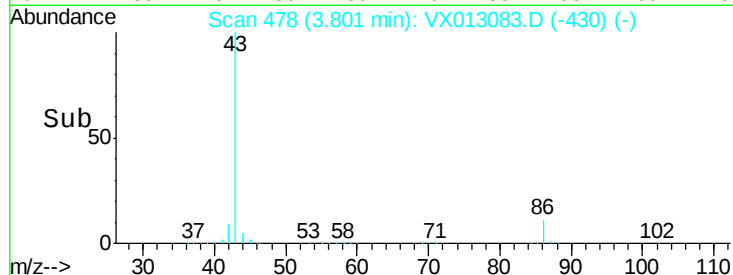
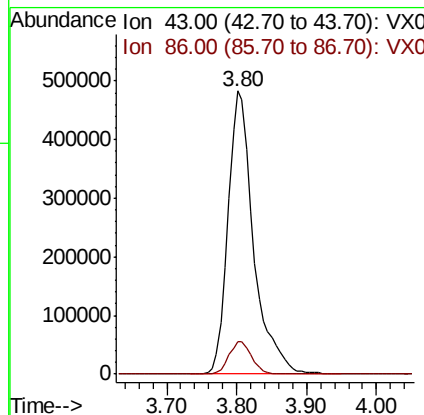
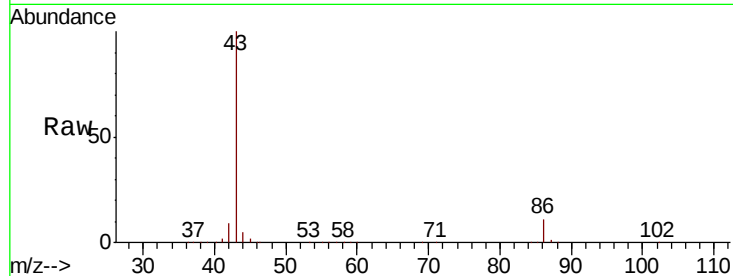
86 11.4 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 51.864 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

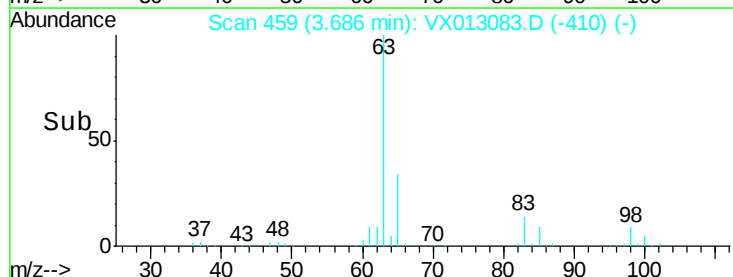
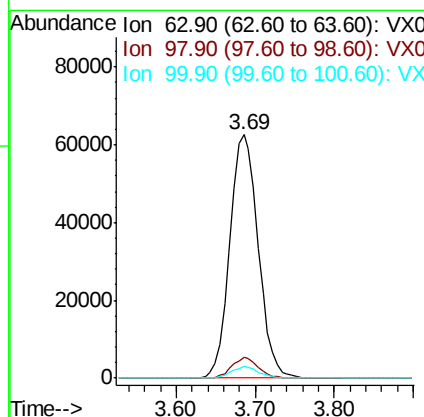
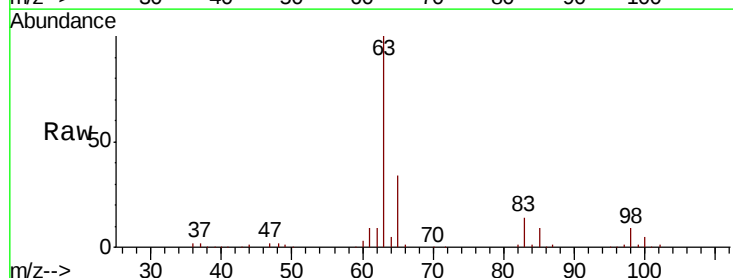
Tgt Ion: 63 Resp: 156324

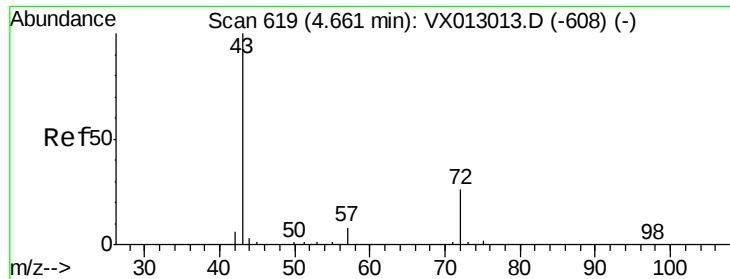
Ion Ratio Lower Upper

63 100

98 8.5 3.9 11.5

100 5.0 2.3 6.9





#25

2-Butanone

Concen: 258.761 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 367449

Ion Ratio Lower Upper

43 100

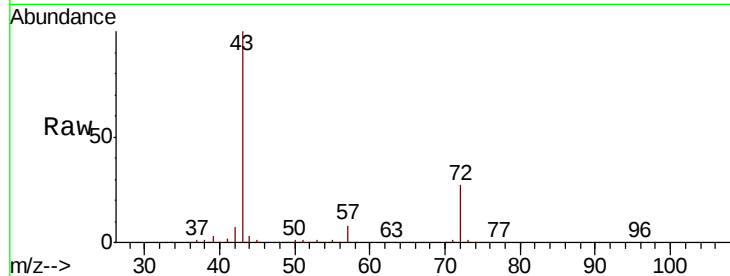
72 26.6 21.0 31.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

100000

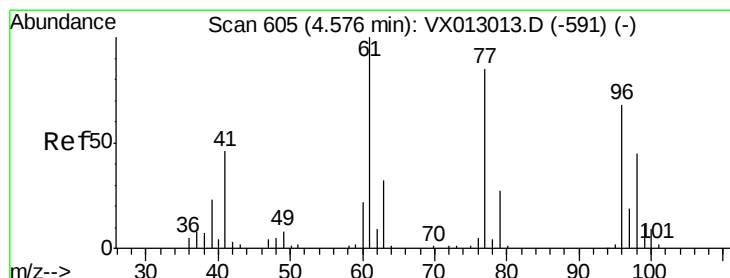
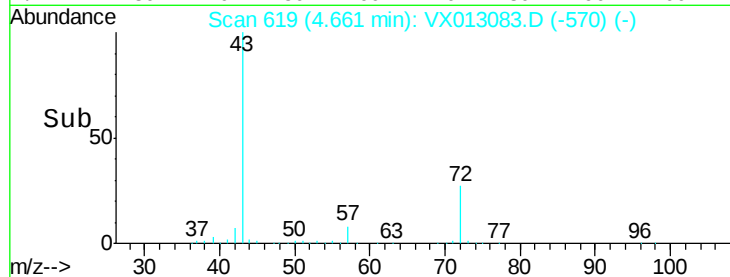
50000

0

4.66

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 51.412 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX013083.D

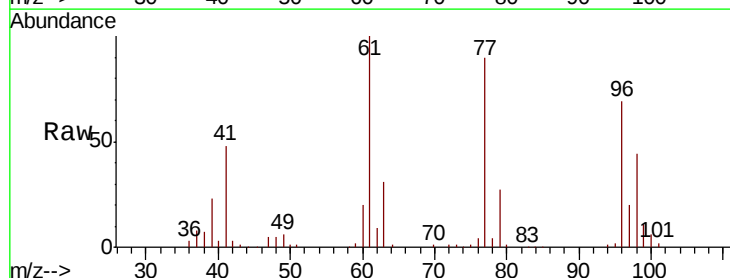
Acq: 15 Oct 2019 17:13

Tgt Ion: 77 Resp: 130309

Ion Ratio Lower Upper

77 100

97 23.1 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

20000

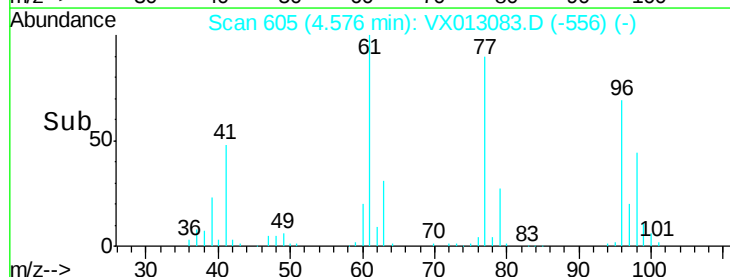
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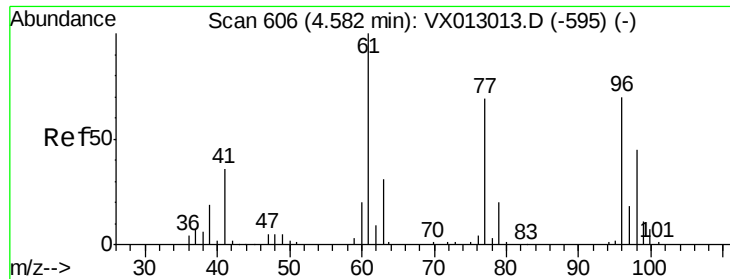
0

4.58

4.40 4.50 4.60 4.70

Time-->





#27

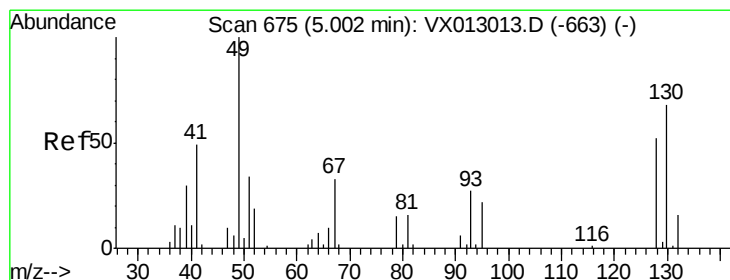
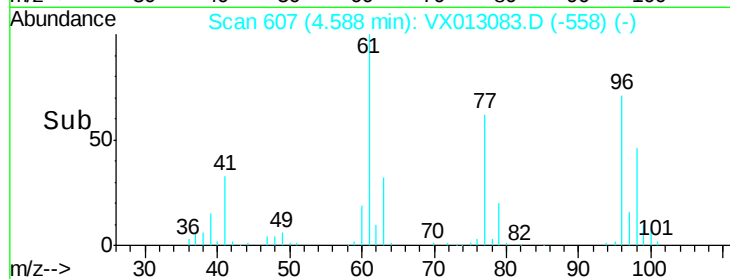
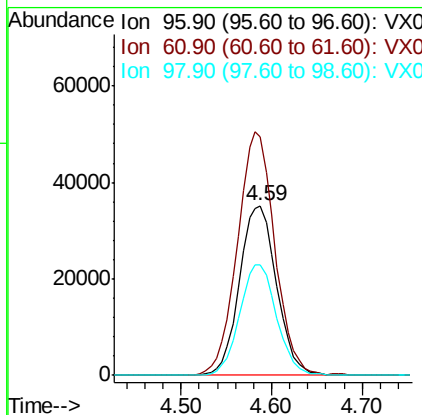
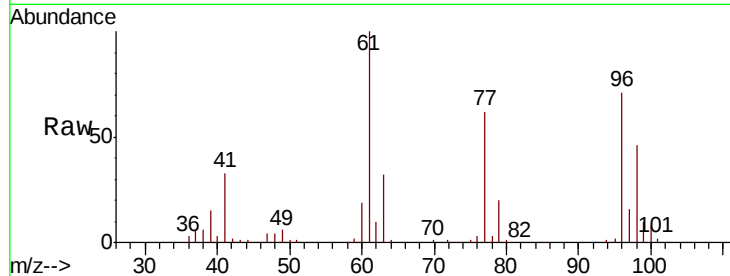
cis-1,2-Dichloroethene
Concen: 51.323 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	290.6
98	65.0	0.0	128.8

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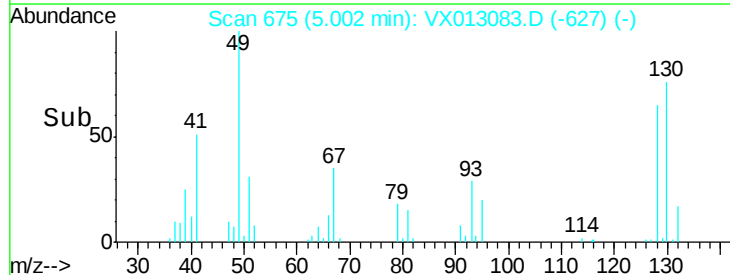
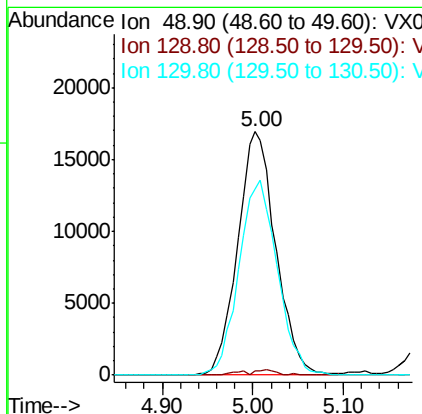
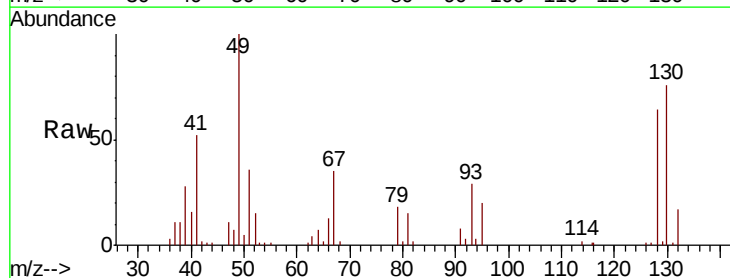
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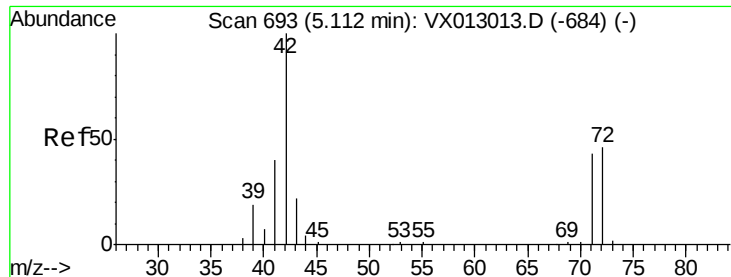


#28

Bromochloromethane
Concen: 54.665 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.2
130	80.7	62.1	93.1





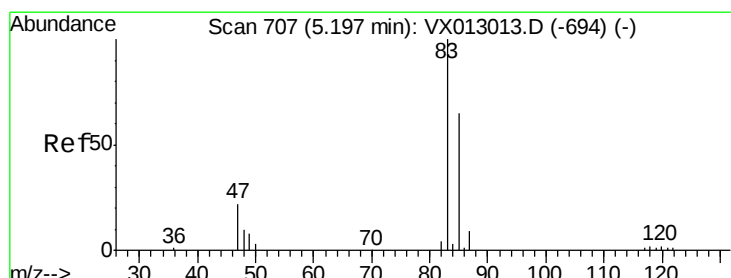
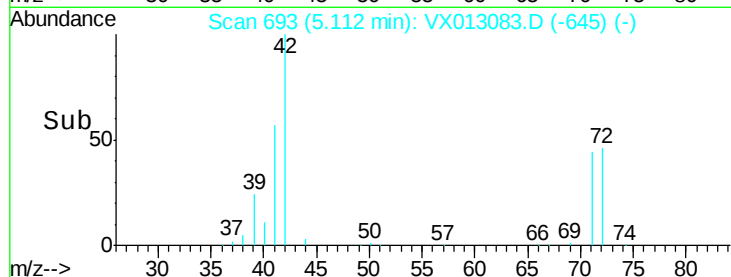
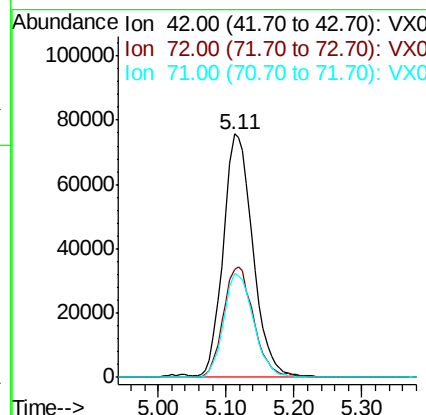
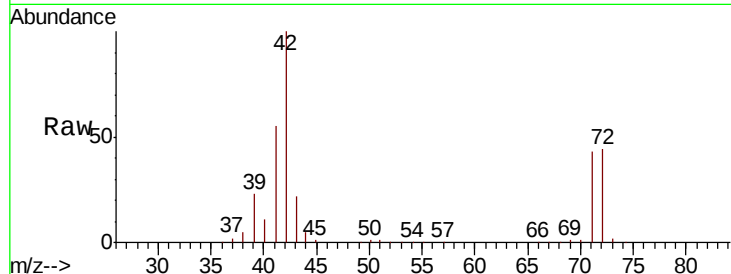
#29
Tetrahydrofuran
Concen: 260.113 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.9	36.9	55.3
71	43.4	33.5	50.3

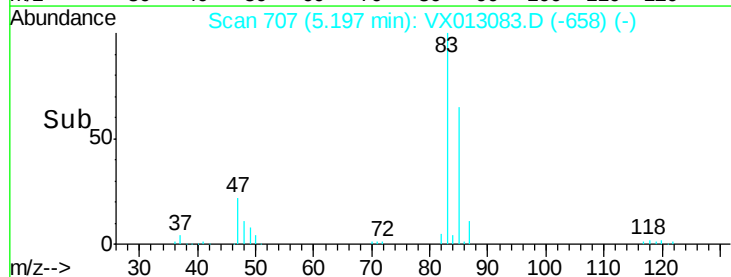
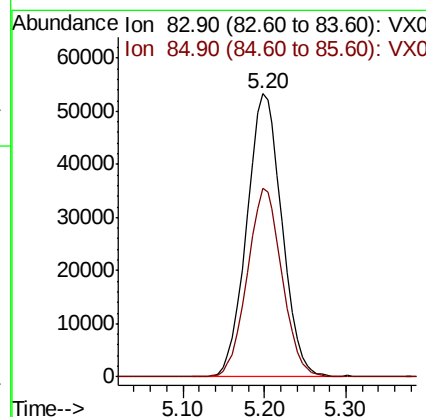
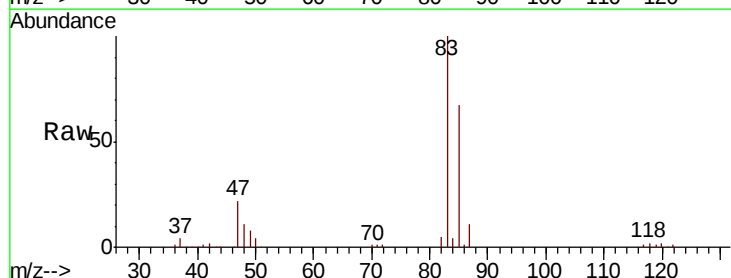
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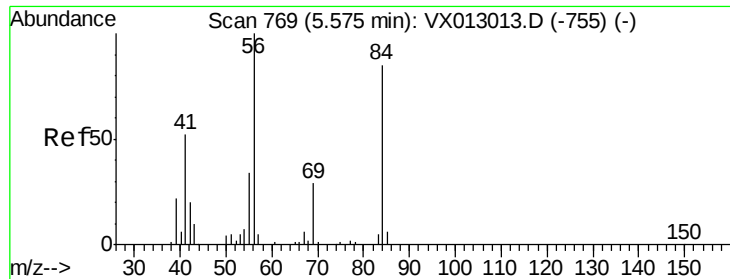
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#30
Chloroform
Concen: 51.593 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.5	77.3





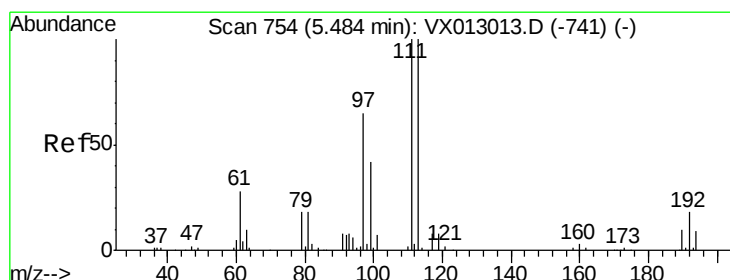
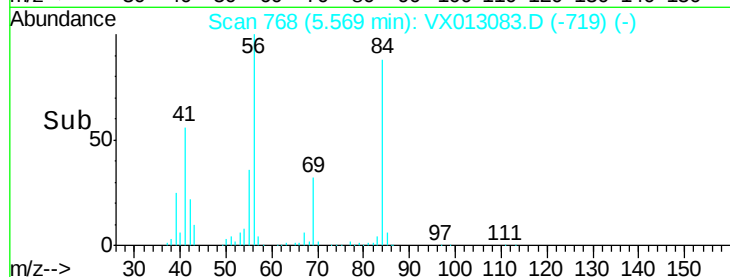
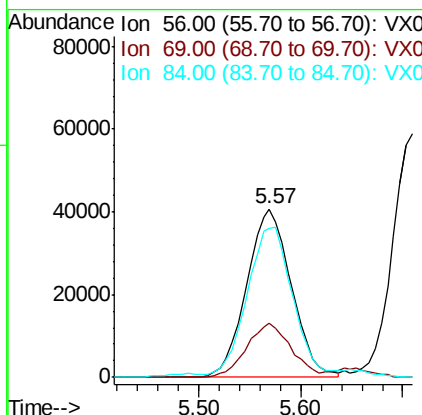
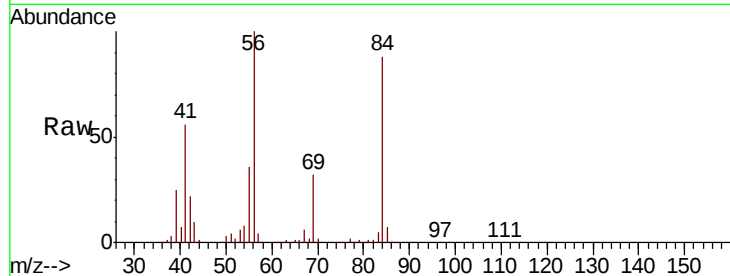
#31
Cyclohexane
Concen: 44.024 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.2	37.8
84	85.8	71.3	106.9

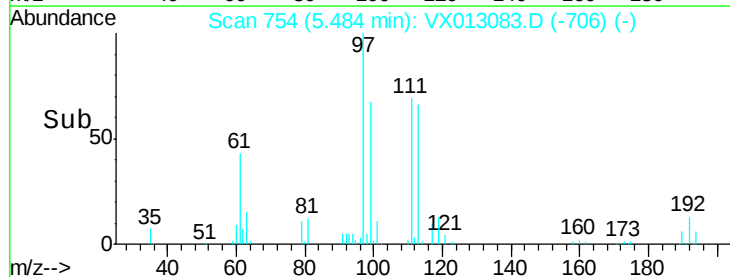
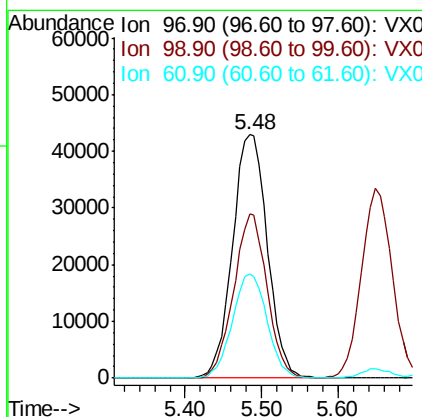
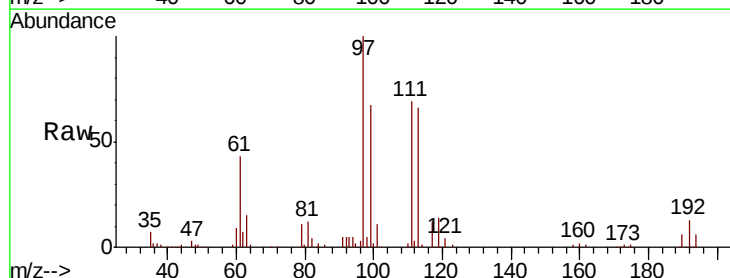
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#32
1,1,1-Trichloroethane
Concen: 51.655 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.3	78.5
61	42.9	35.0	52.4





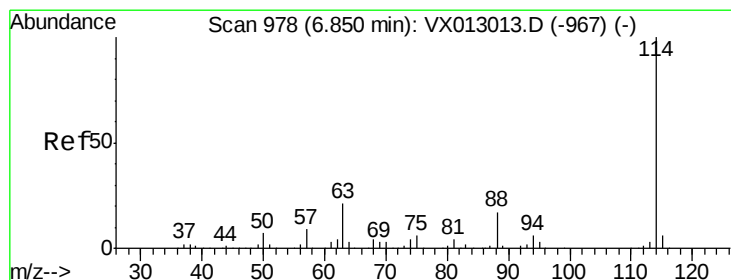
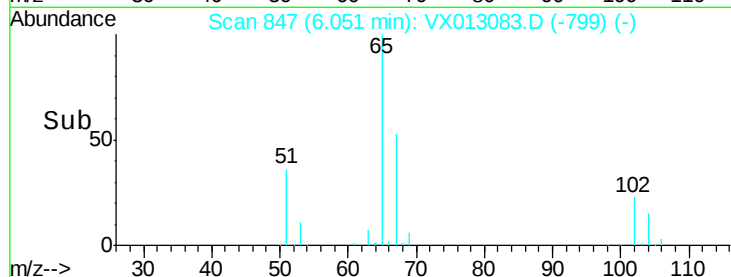
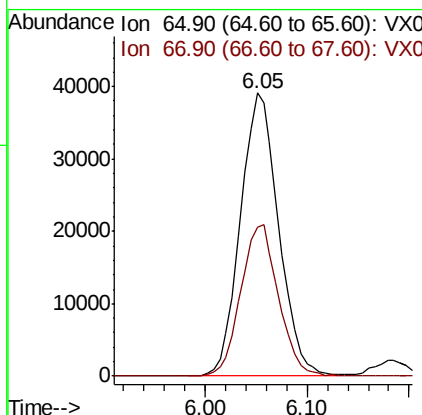
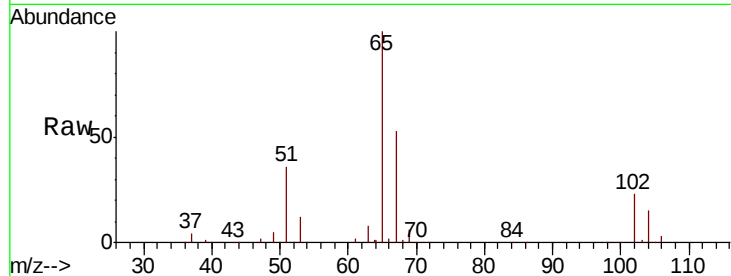
#33
 1,2-Dichloroethane-d4
 Concen: 52.346 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013083.D
 Acq: 15 Oct 2019 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 101649
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.4

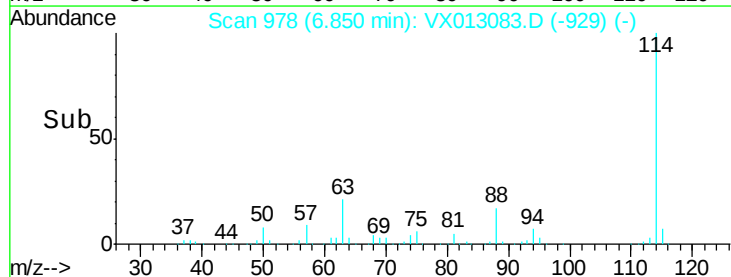
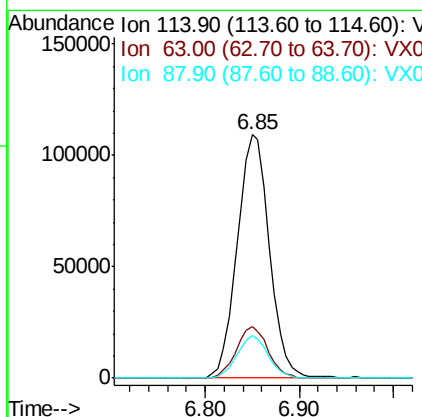
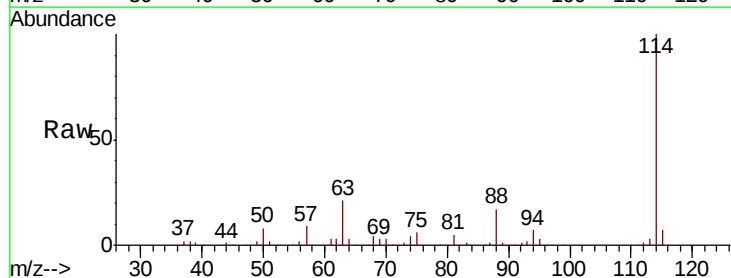
Manual Integrations
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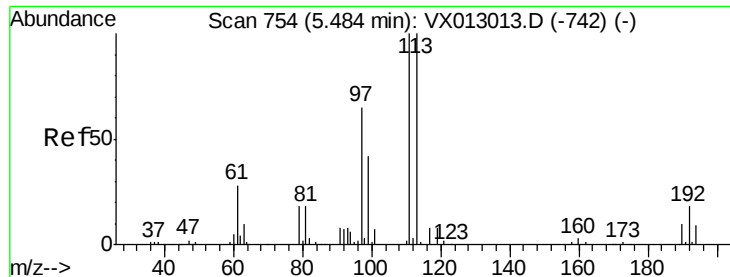
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013083.D
 Acq: 15 Oct 2019 17:13

Tgt Ion: 114 Resp: 260529
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.8
 88 17.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 55.390 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

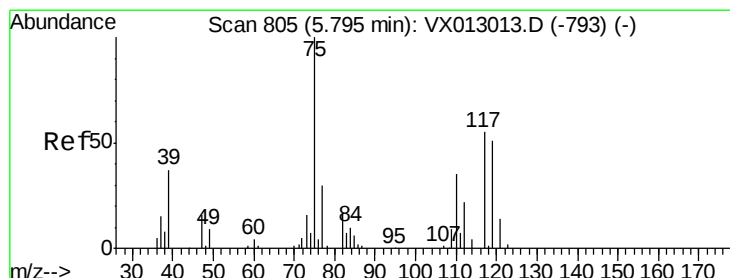
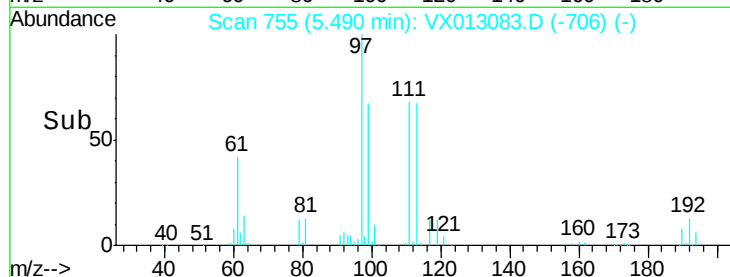
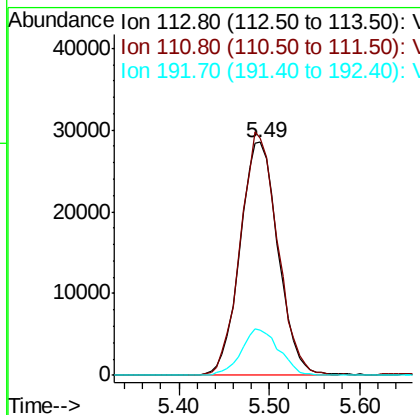
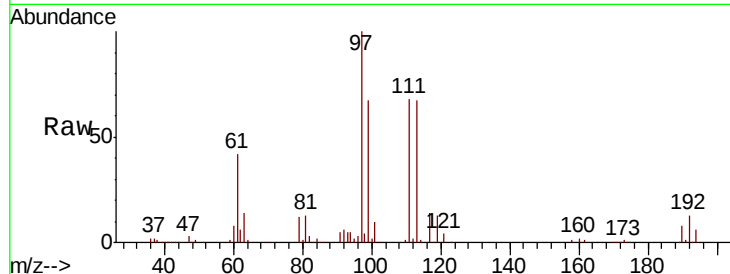
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	82824
Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.2	124.8
192	19.7	15.4	23.2

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#36

1,1-Dichloropropene

Concen: 48.674 ug/l

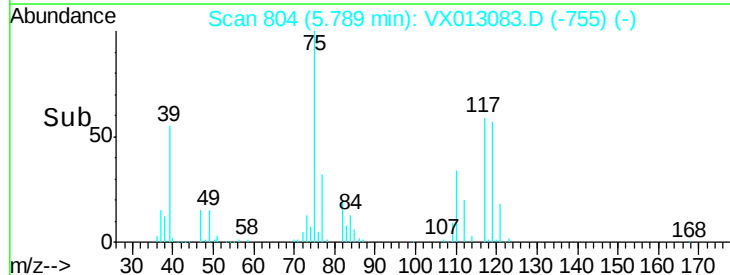
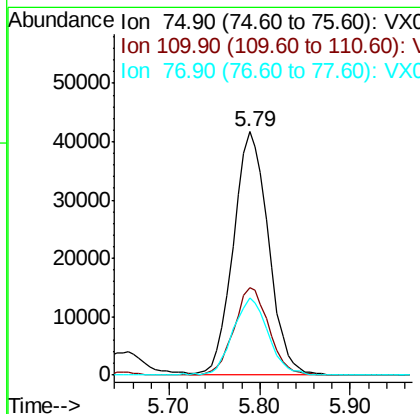
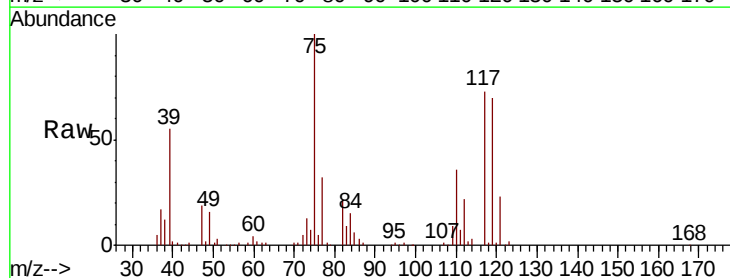
RT: 5.79 min Scan# 804

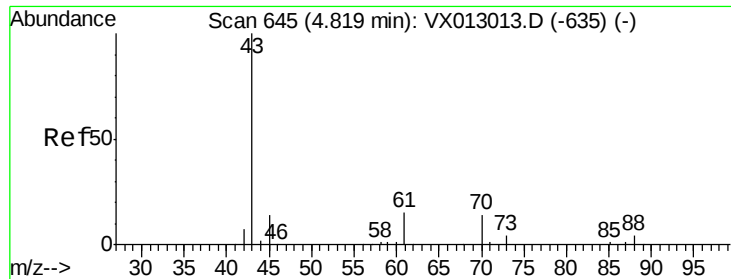
Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Tgt Ion:	75	Resp:	111493
Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.6	52.9
77	31.7	24.4	36.6





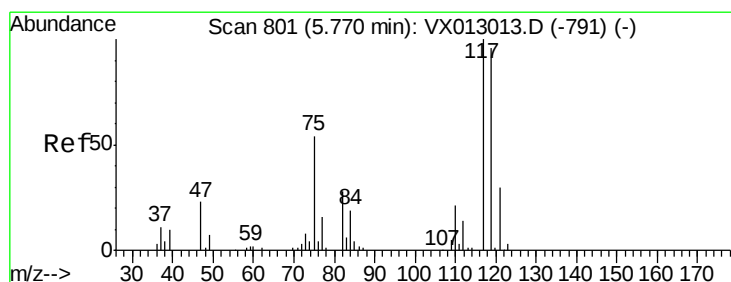
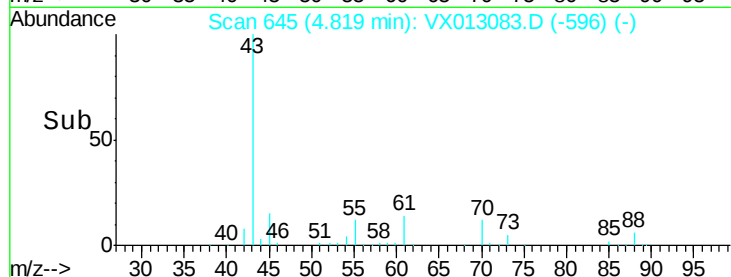
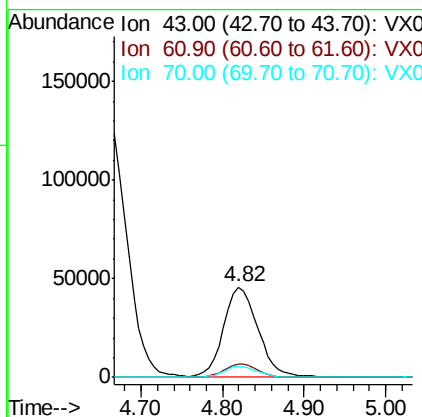
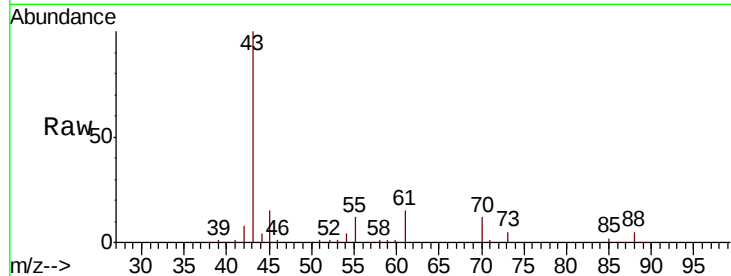
#37
Ethyl Acetate
Concen: 51.672 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	132349
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.4	17.0
70	12.6	9.8	14.6

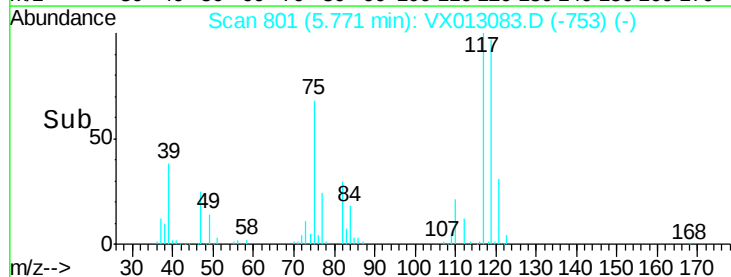
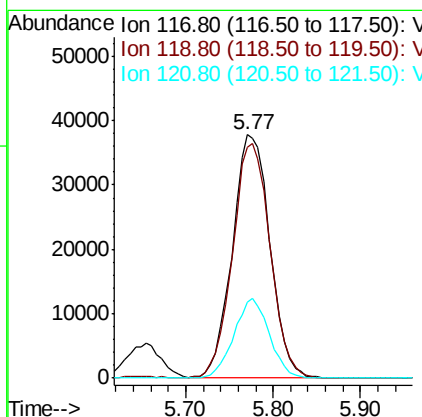
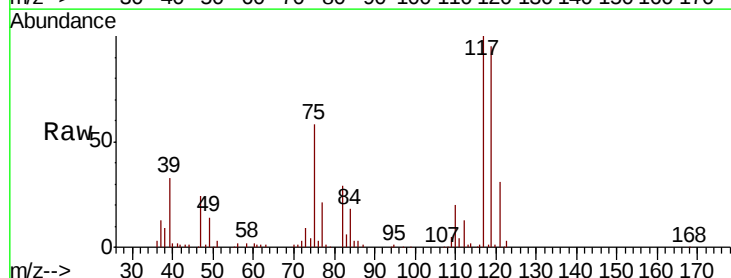
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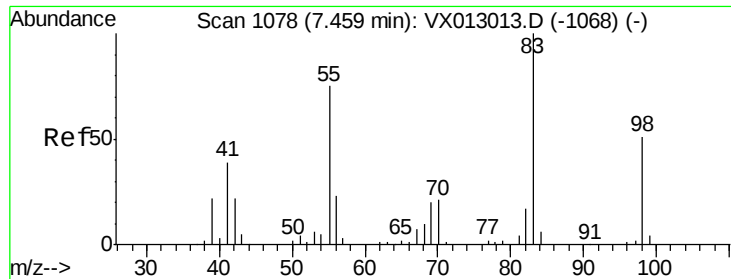
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#38
Carbon Tetrachloride
Concen: 50.571 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Tgt Ion:	117	Resp:	112750
Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.5	111.7
121	31.1	24.2	36.4





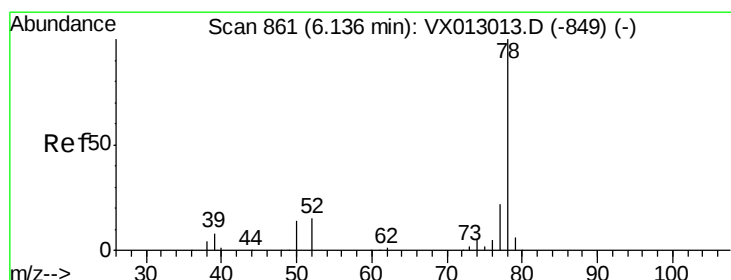
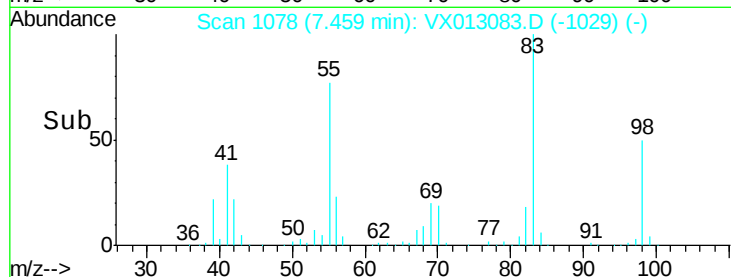
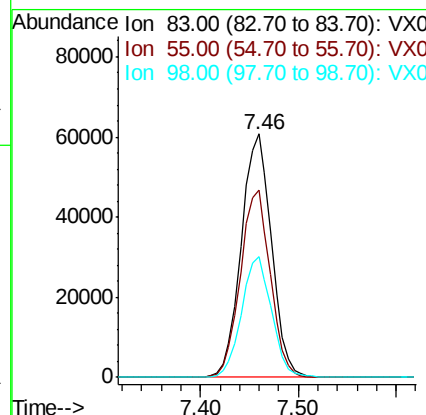
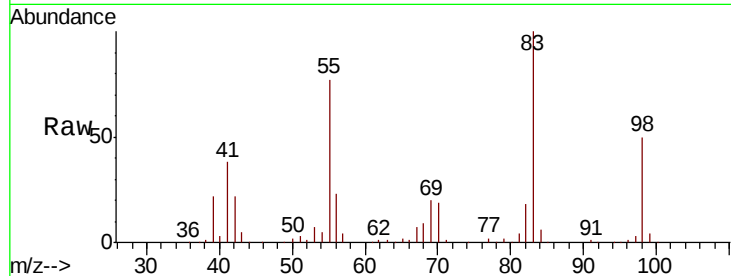
#39
Methylvlcyclohexane
Concen: 46.881 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.8	60.2	90.4
98	49.8	38.5	57.7

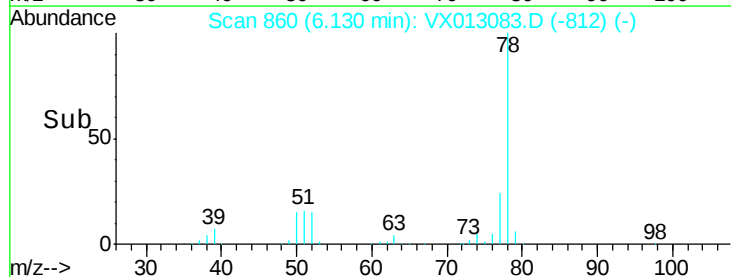
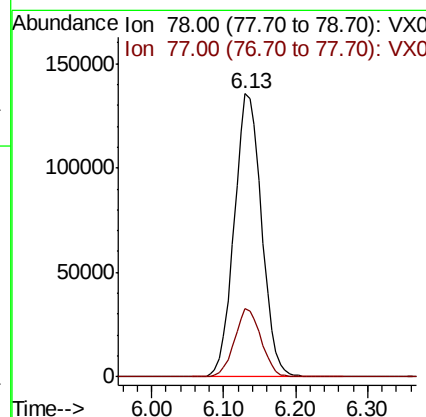
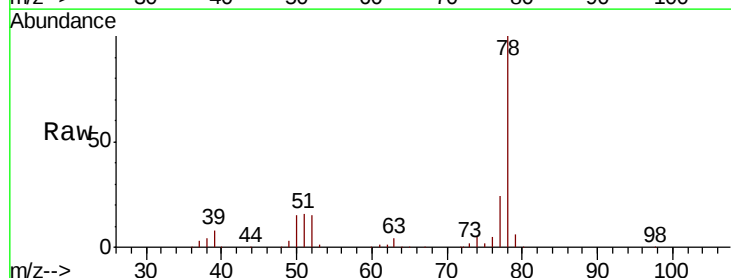
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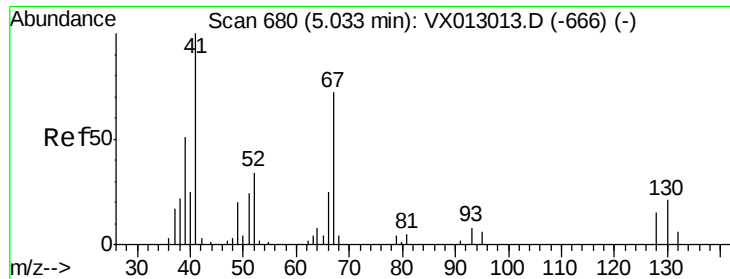
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#40
Benzene
Concen: 52.879 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





#41

Methacrylonitrile

Concen: 51.238 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 72113

Ion Ratio Lower Upper

41 100

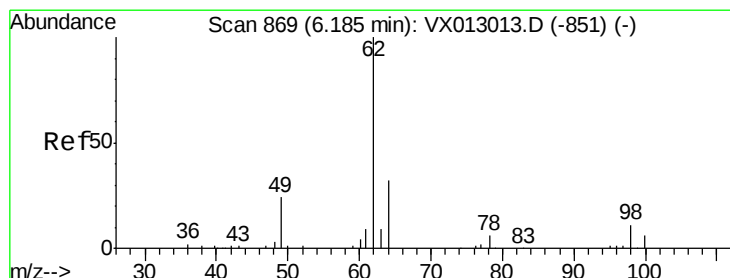
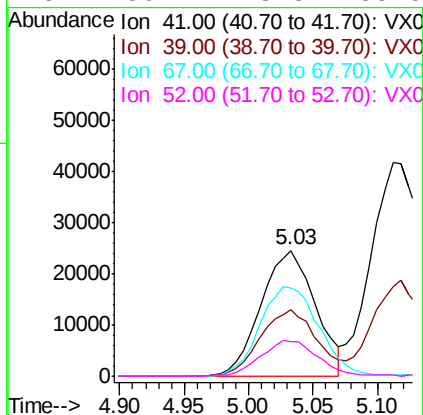
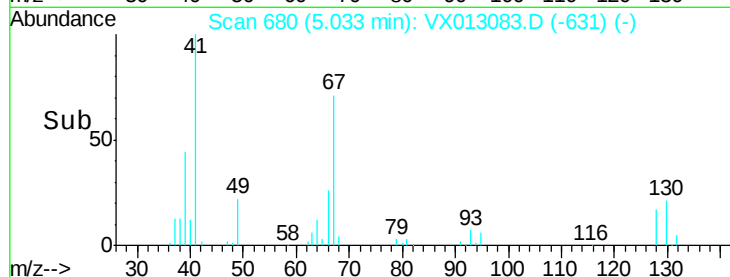
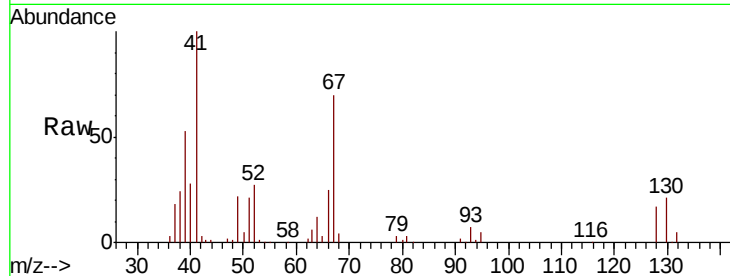
39 55.4 44.0 66.0

67 77.1 58.5 87.7

52 30.2 23.8 35.8

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#42

1,2-Dichloroethane

Concen: 54.246 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX013083.D

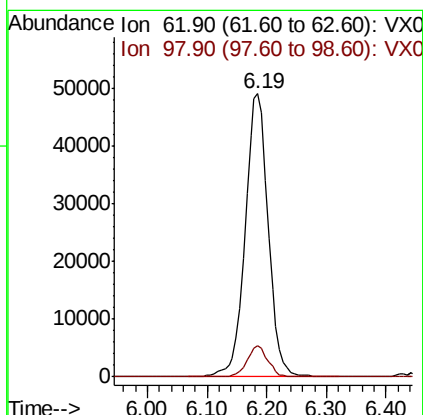
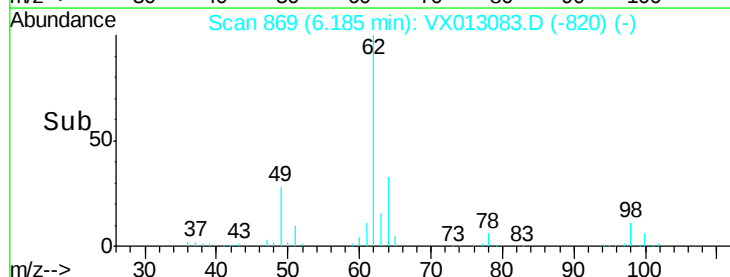
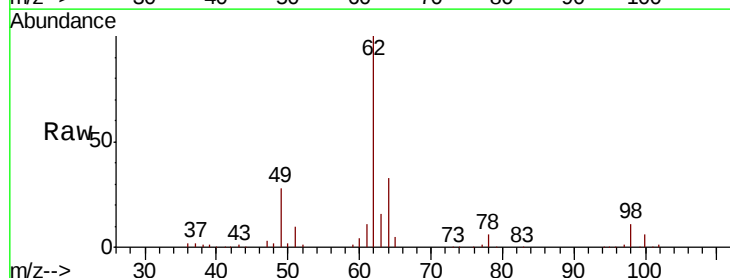
Acq: 15 Oct 2019 17:13

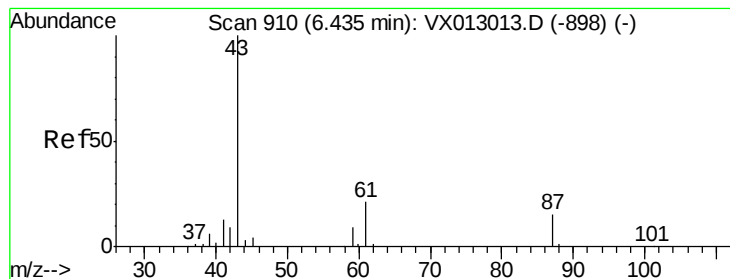
Tgt Ion: 62 Resp: 131687

Ion Ratio Lower Upper

62 100

98 10.0 0.0 20.4





#43

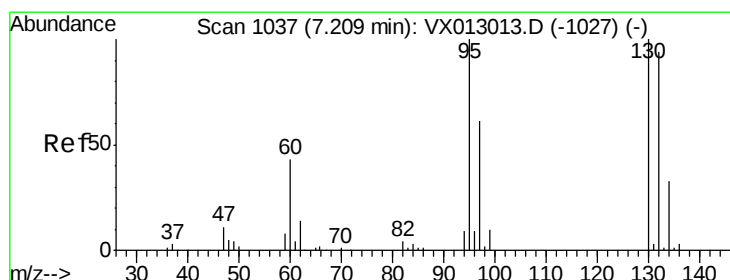
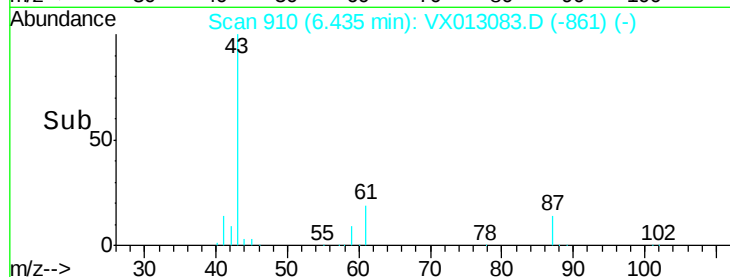
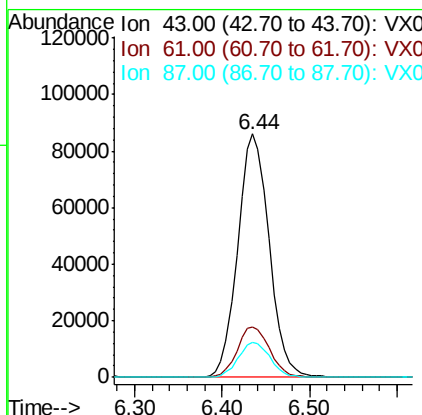
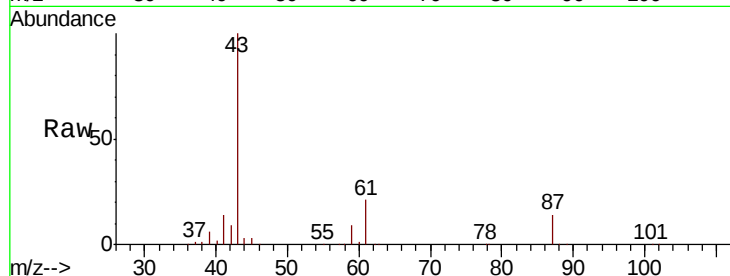
Isopropyl Acetate
 Concen: 52.139 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013083.D
 Acq: 15 Oct 2019 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.4	16.6	24.8
87	14.6	11.0	16.6

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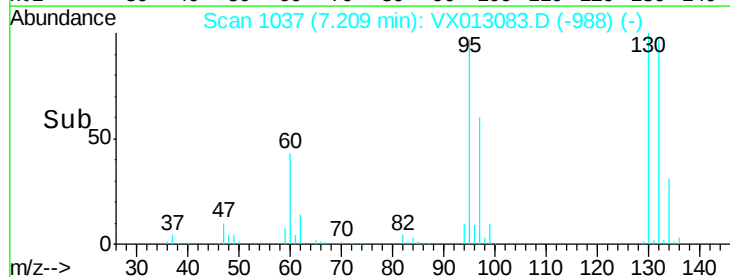
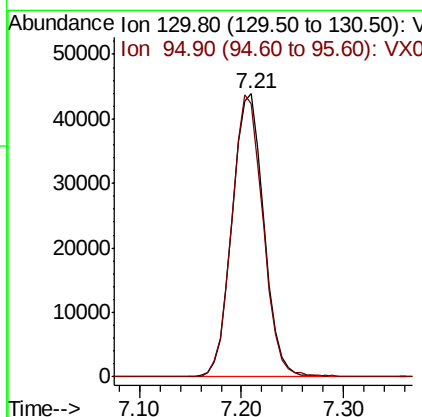
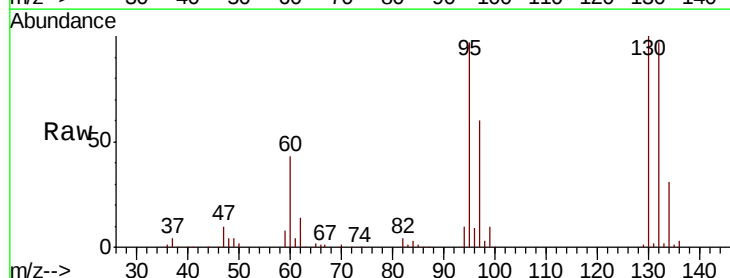
MMDadoda
 10/16/2019 9:57:23 AM

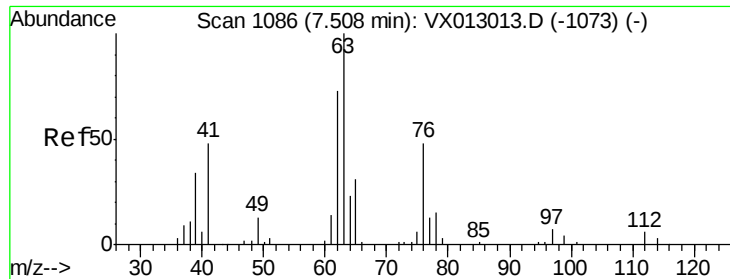


#44

Trichloroethene
 Concen: 50.050 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX013083.D
 Acq: 15 Oct 2019 17:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	189.2





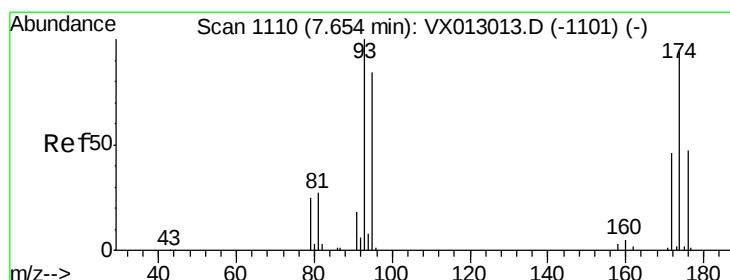
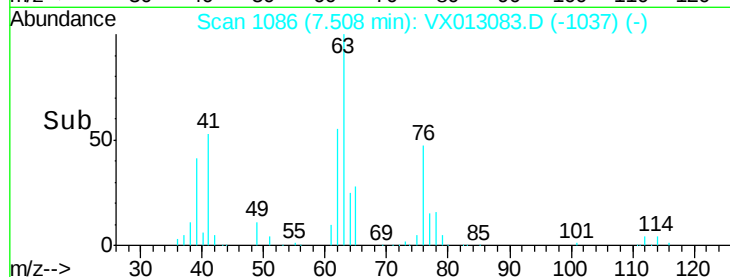
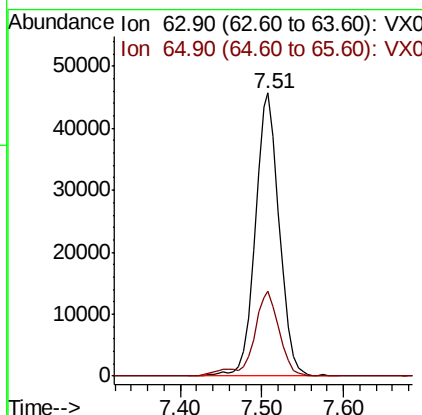
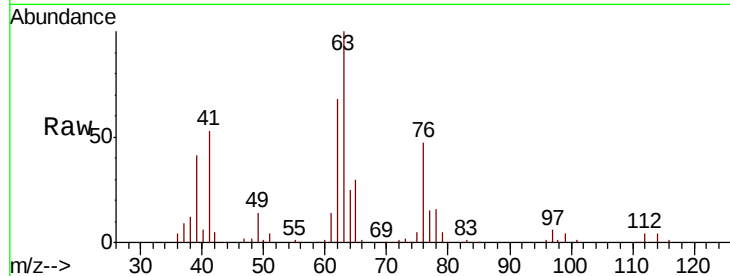
#45
 1,2-Dichloropropane
 Concen: 54.404 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013083.D
 Acq: 15 Oct 2019 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 93806
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.6 37.0

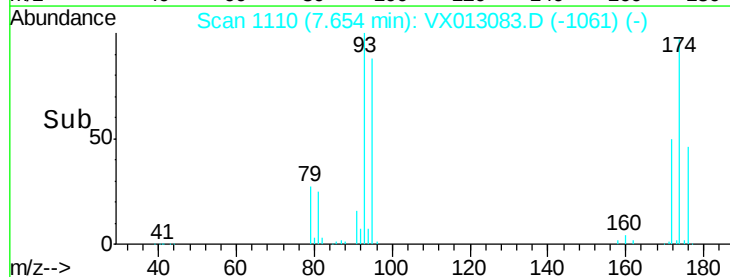
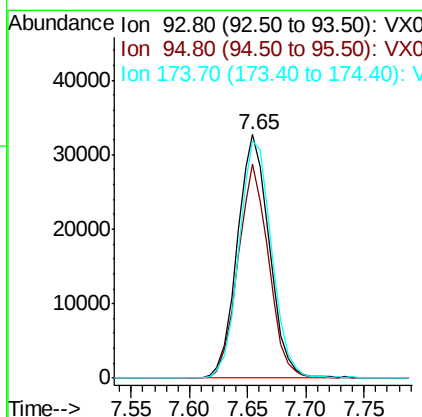
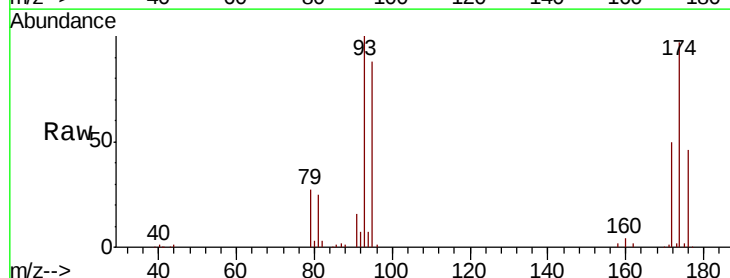
Manual Integrations
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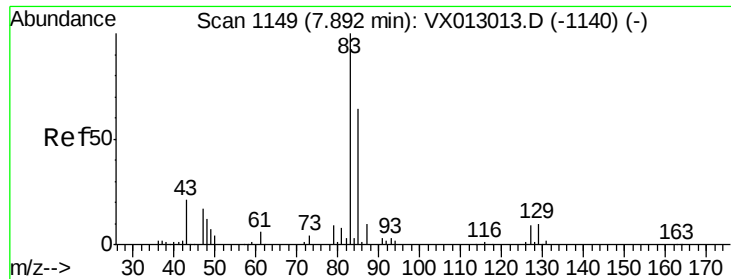
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 10/16/2019 9:57:23 AM



#46
 Dibromomethane
 Concen: 54.615 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013083.D
 Acq: 15 Oct 2019 17:13

Tgt Ion: 93 Resp: 62741
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.3 99.5
 174 99.2 77.8 116.6





#47

Bromodichloromethane

Concen: 55.494 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

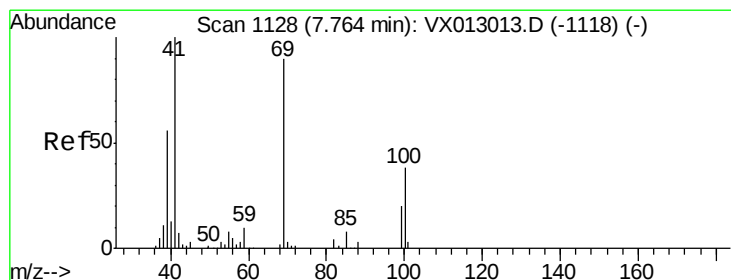
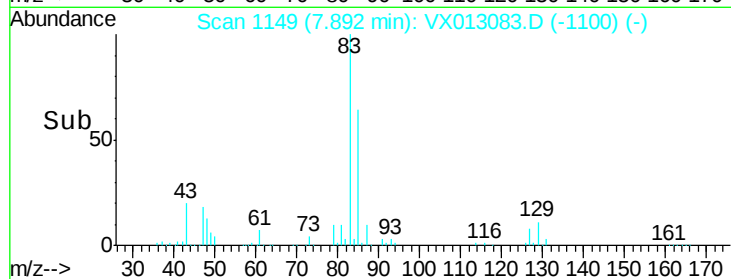
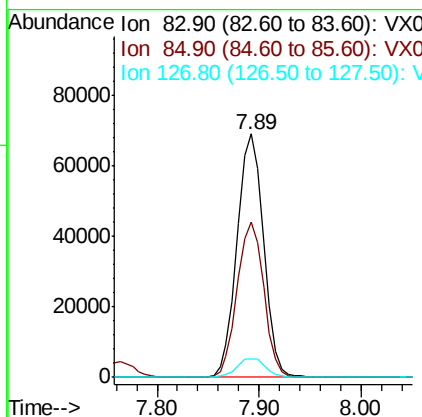
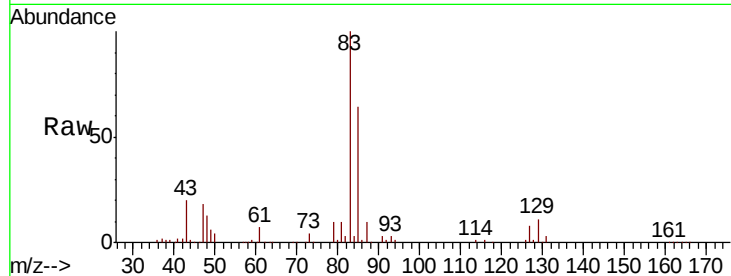
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	124411
Ion Ratio	Lower	Upper	
83	100		
85	63.6	52.4	78.6
127	7.6	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.846 ug/l

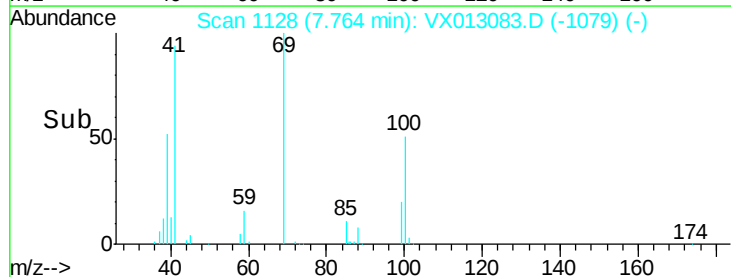
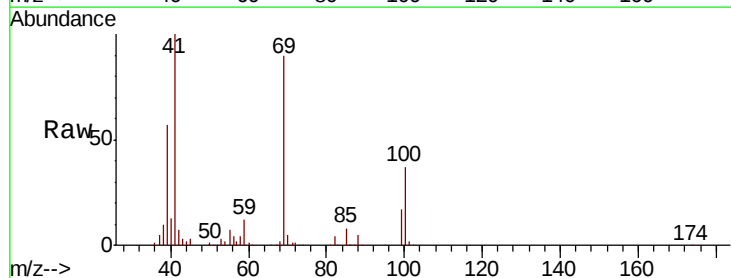
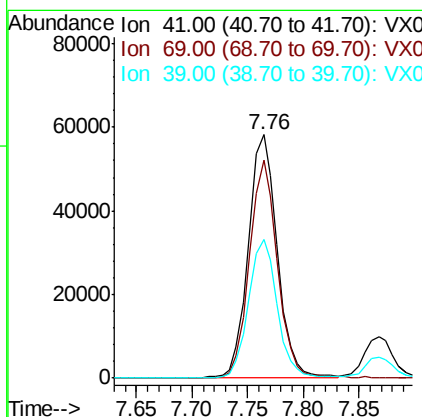
RT: 7.76 min Scan# 1128

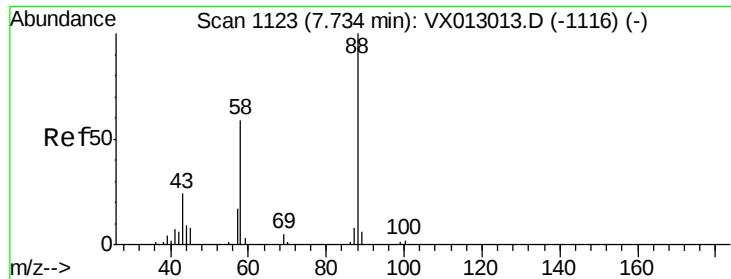
Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Tgt Ion:	41	Resp:	105868
Ion Ratio	Lower	Upper	
41	100		
69	86.6	68.7	103.1
39	56.8	44.3	66.5





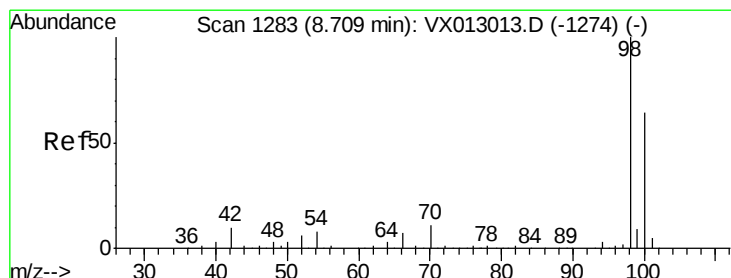
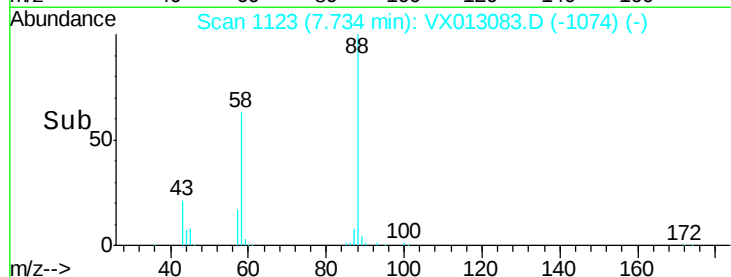
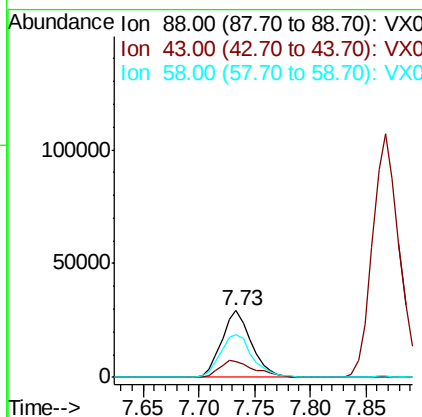
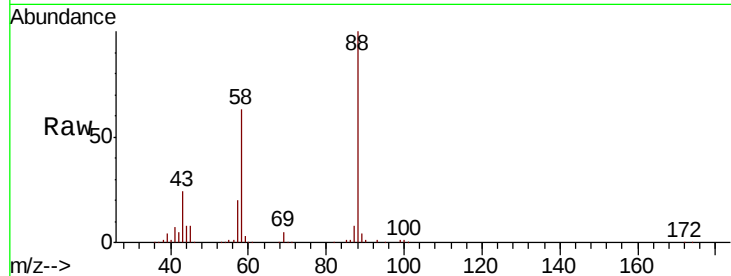
#49
1,4-Dioxane
Concen: 1016.162 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.4	25.0	37.6
58	68.7	55.4	83.2

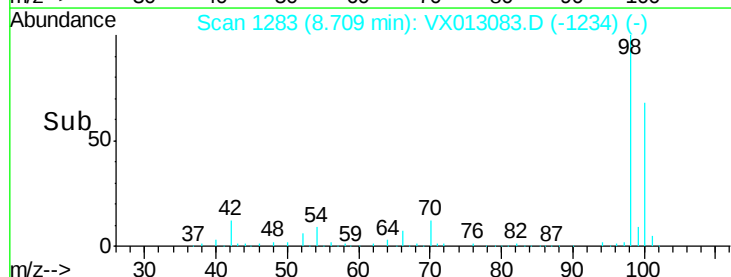
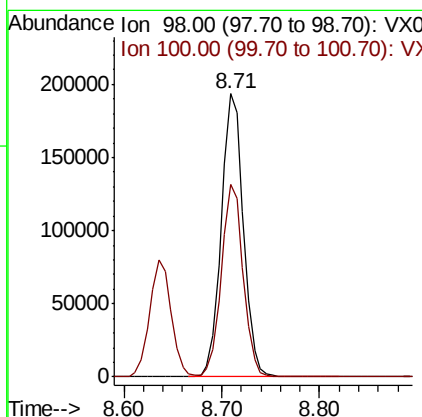
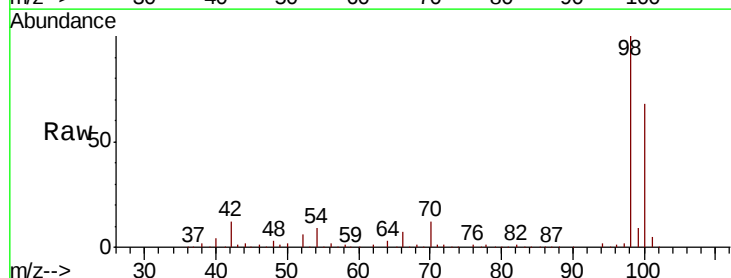
Manual Integrations
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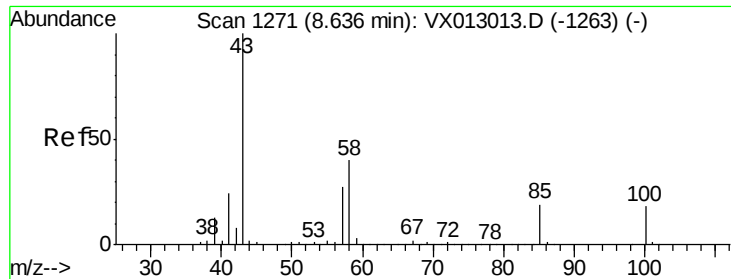
MMDadoda
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#50
Toluene-d8
Concen: 51.910 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 268.574 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 688384

Ion Ratio Lower Upper

43 100

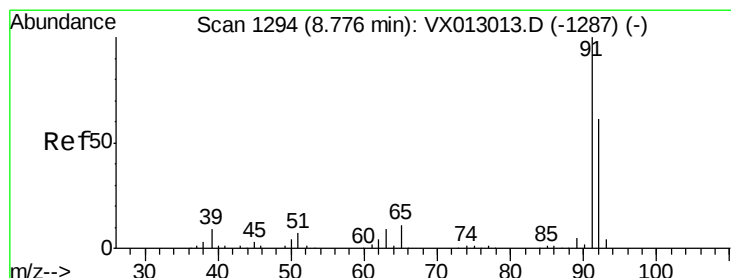
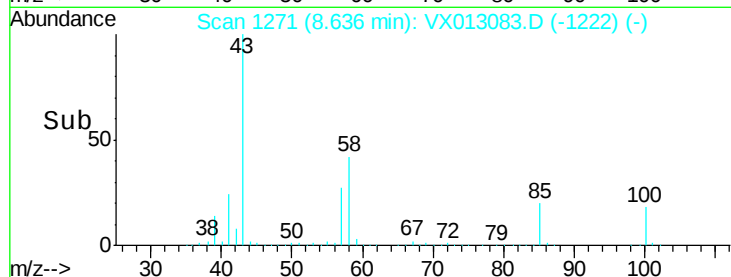
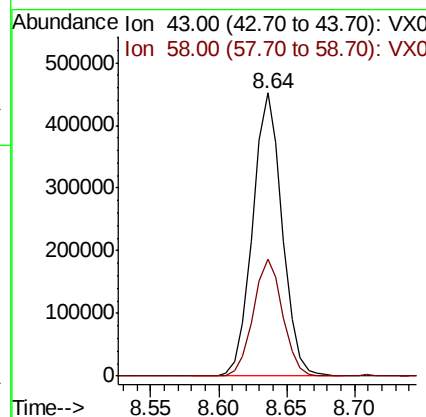
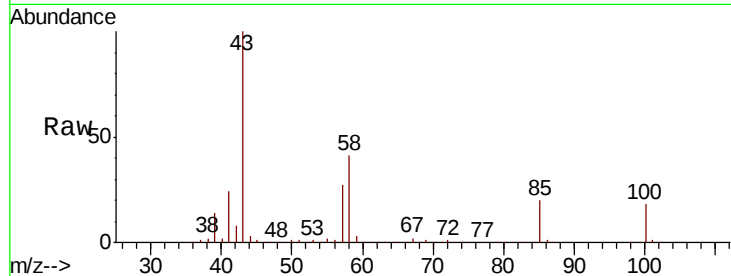
58 41.4 32.4 48.6

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#52

Toluene

Concen: 52.772 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013083.D

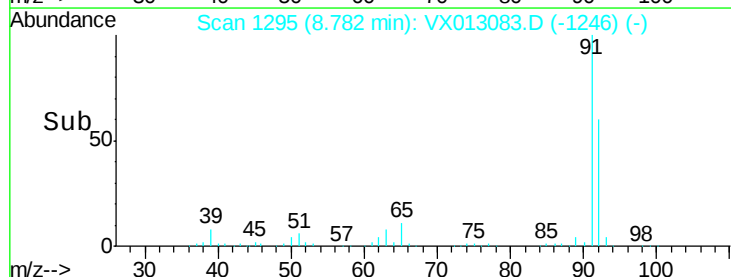
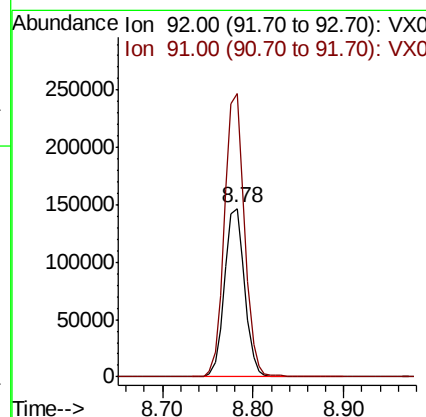
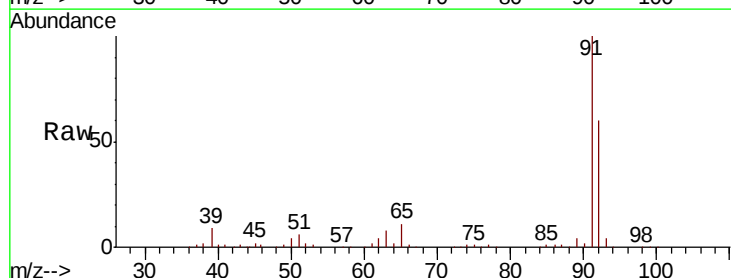
Acq: 15 Oct 2019 17:13

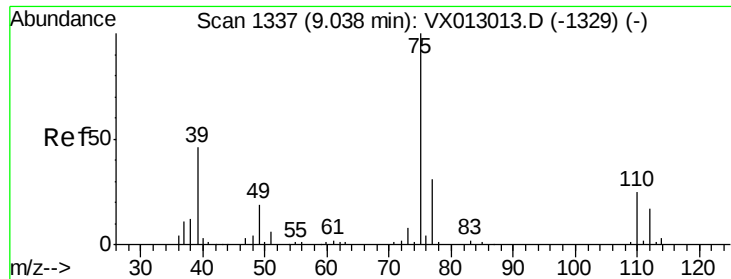
Tgt Ion: 92 Resp: 228406

Ion Ratio Lower Upper

92 100

91 167.3 135.9 203.9





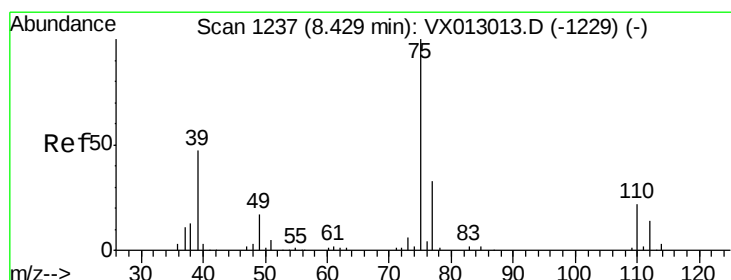
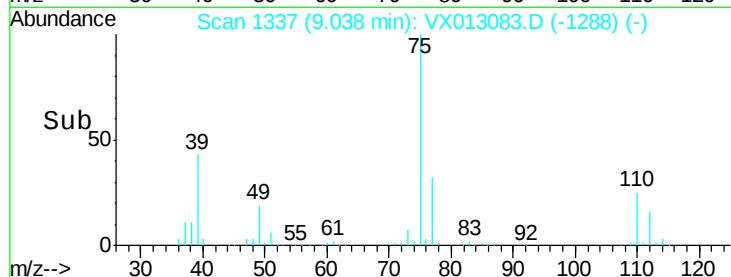
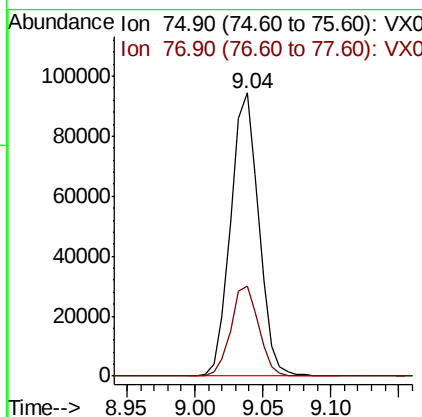
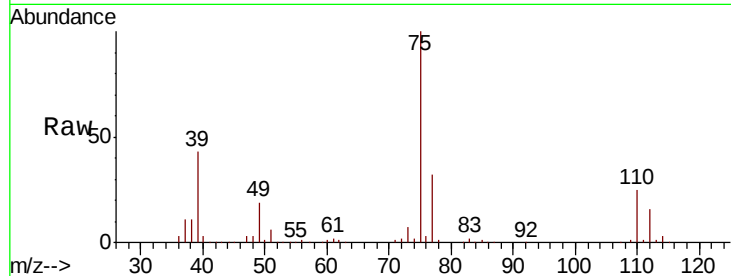
#53
 t-1,3-Dichloropropene
 Concen: 48.591 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013083.D
 Acq: 15 Oct 2019 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 135769
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.8 38.6

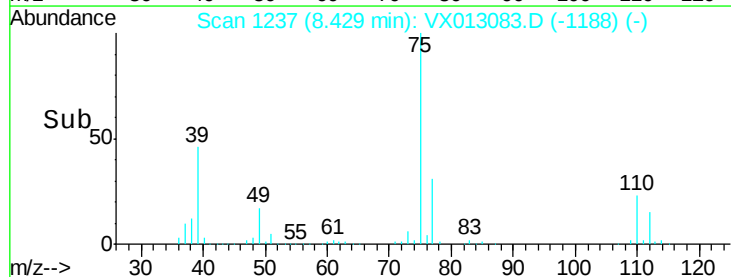
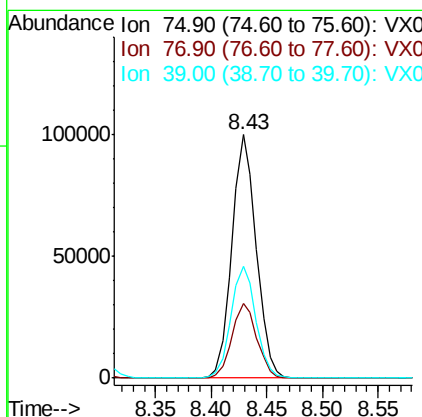
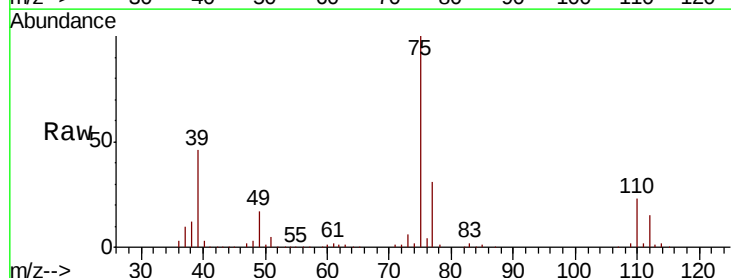
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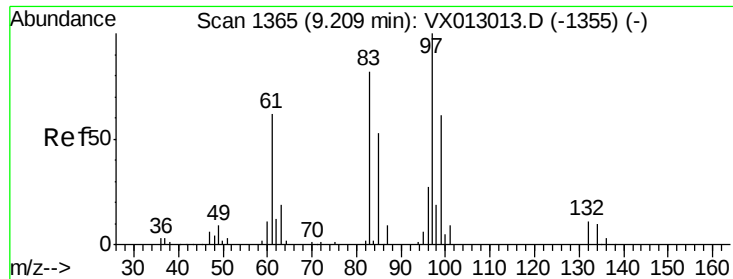
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 54.920 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013083.D
 Acq: 15 Oct 2019 17:13

Tgt Ion: 75 Resp: 151433
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.8
 39 45.7 38.2 57.2





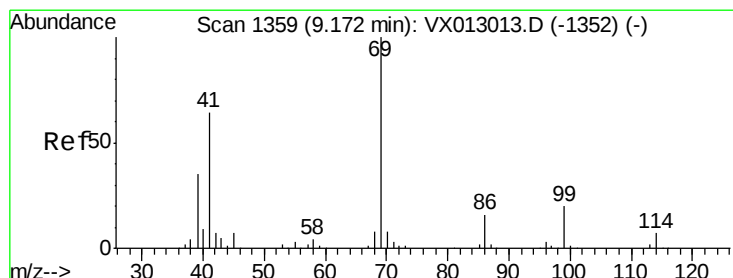
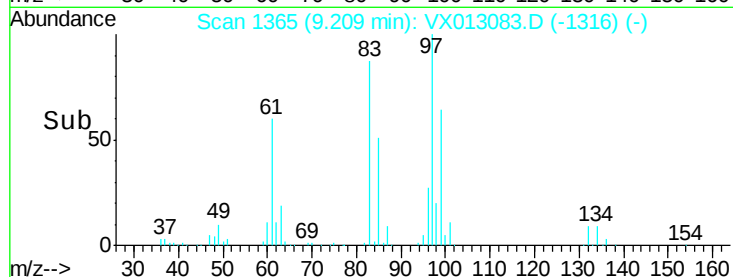
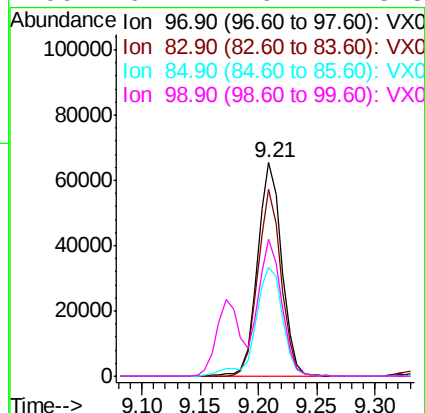
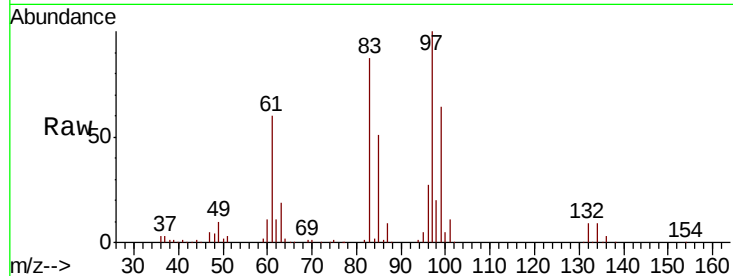
#55
 1,1,2-Trichloroethane
 Concen: 55.423 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013083.D
 Acq: 15 Oct 2019 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	94930
Ion	Ratio	Lower	Upper
97	100		
83	87.2	66.5	99.7
85	51.0	43.1	64.7
99	64.1	49.2	73.8

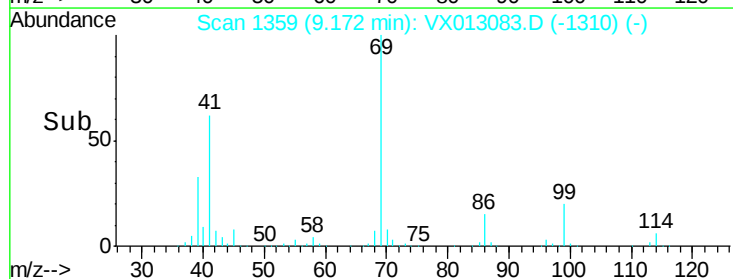
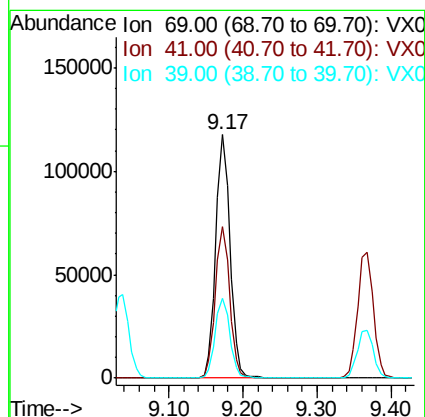
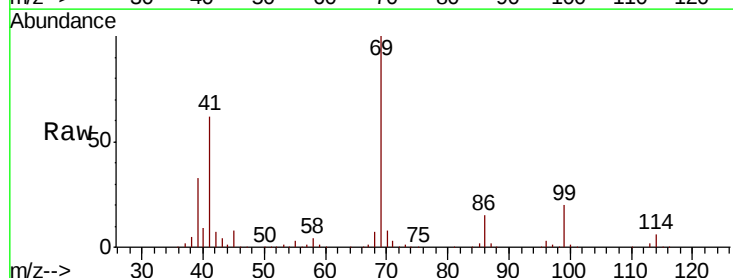
Manual Integrations
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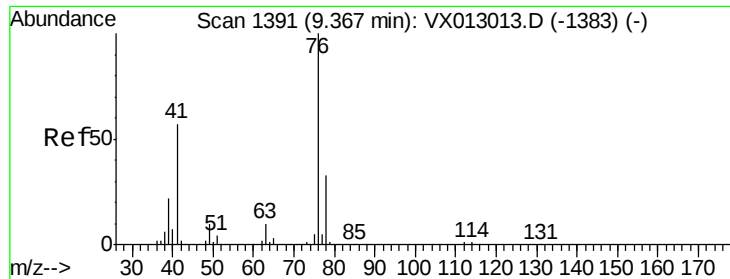
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#56
 Ethyl methacrylate
 Concen: 50.658 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013083.D
 Acq: 15 Oct 2019 17:13

Tgt Ion:	69	Resp:	155451
Ion	Ratio	Lower	Upper
69	100		
41	62.3	52.1	78.1
39	34.0	27.8	41.8





#57

1,3-Dichloropropane

Concen: 54.103 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 160301

Ion Ratio Lower Upper

76 100

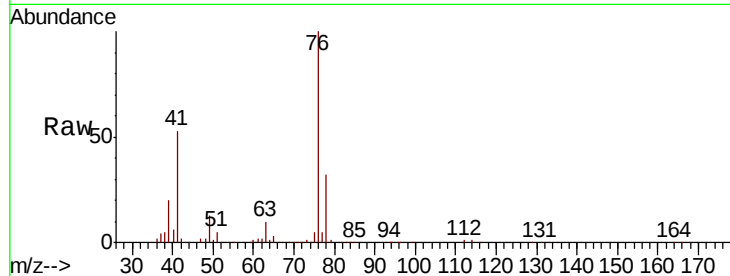
78 32.3 26.1 39.1

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

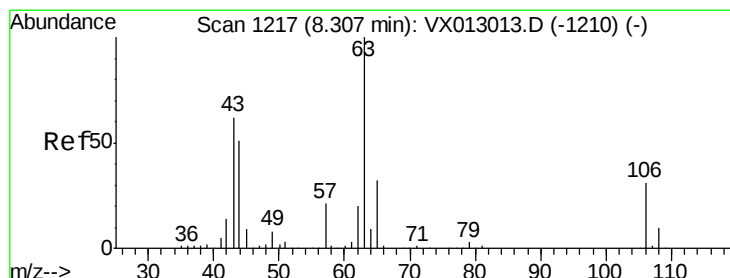
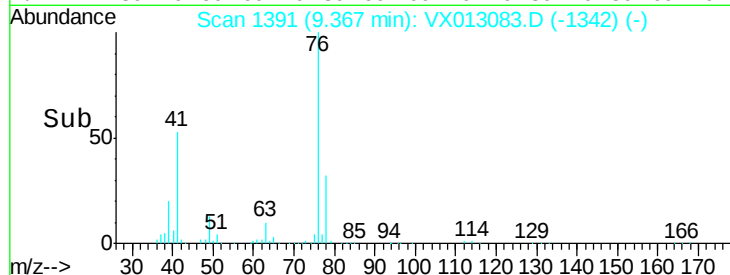
9.37

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 279.395 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013083.D

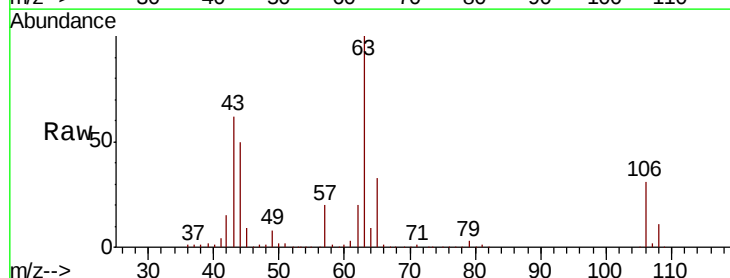
Acq: 15 Oct 2019 17:13

Tgt Ion: 63 Resp: 351557

Ion Ratio Lower Upper

63 100

106 30.3 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

250000

200000

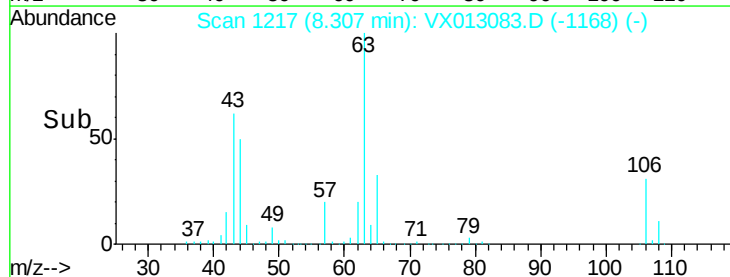
150000

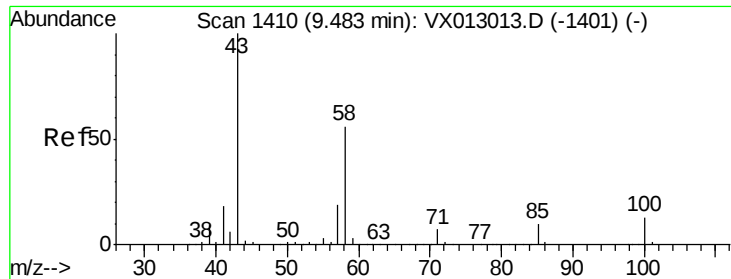
100000

50000

0

Time-->





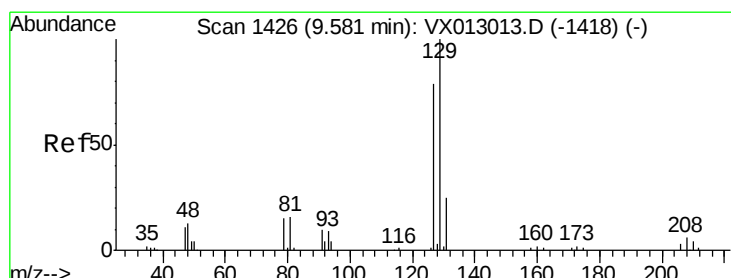
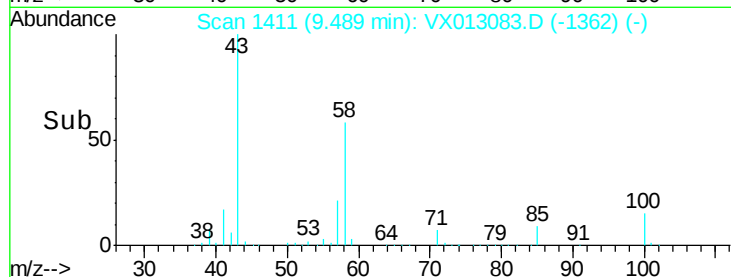
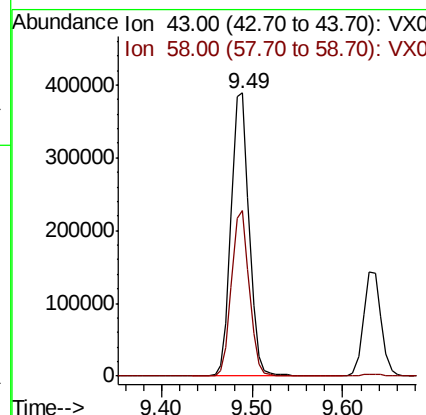
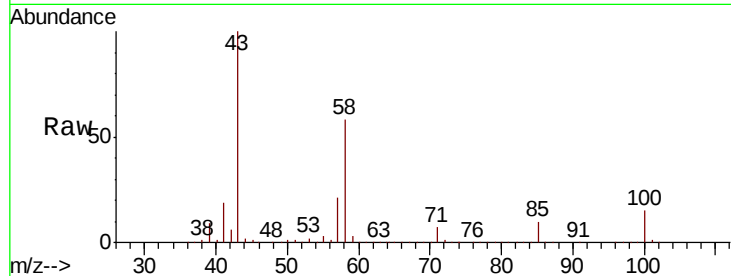
#59
2-Hexanone
Concen: 270.448 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 539603
Ion Ratio Lower Upper
43 100
58 57.6 28.1 84.3

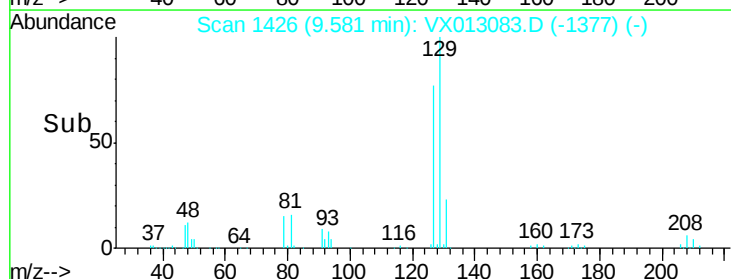
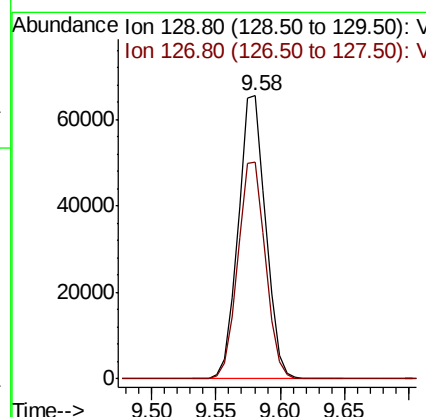
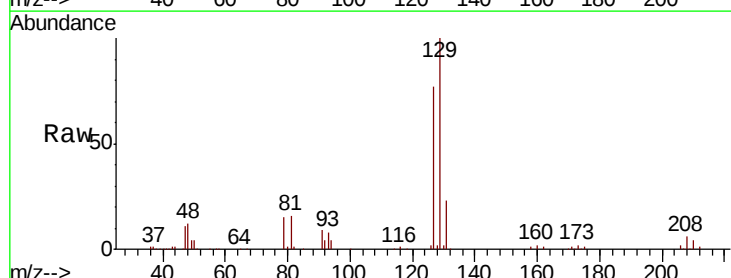
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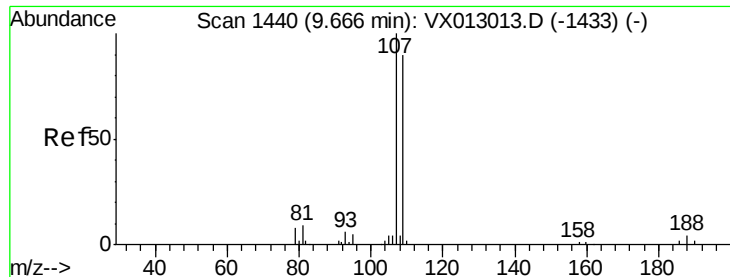
MMDadoda
10/16/2019 9:57:23 AM



#60
Dibromochloromethane
Concen: 50.960 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Tgt Ion: 129 Resp: 97205
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 55.017 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 99130

Ion Ratio Lower Upper

107 100

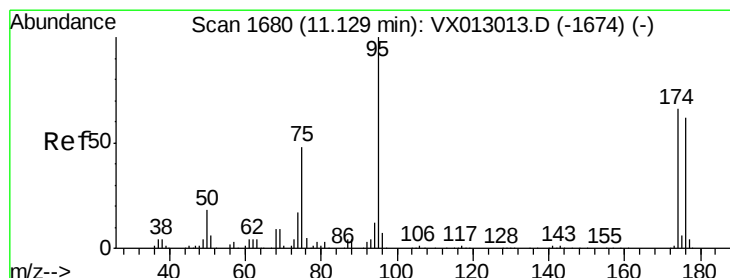
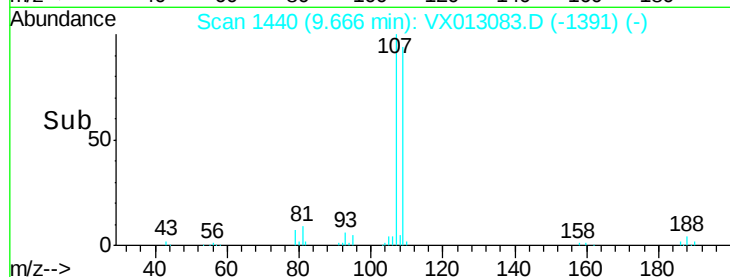
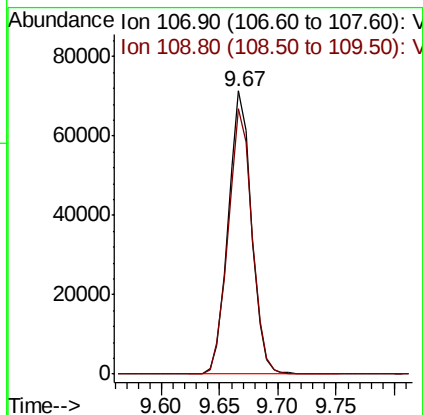
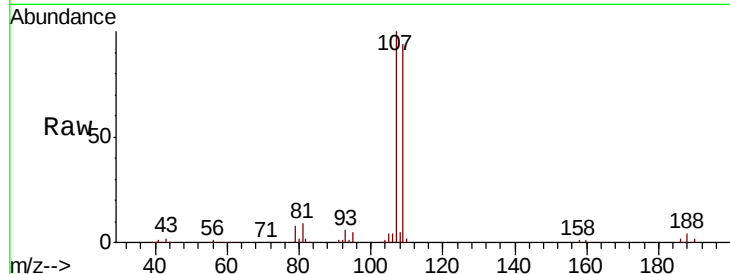
109 95.9 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 52.902 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

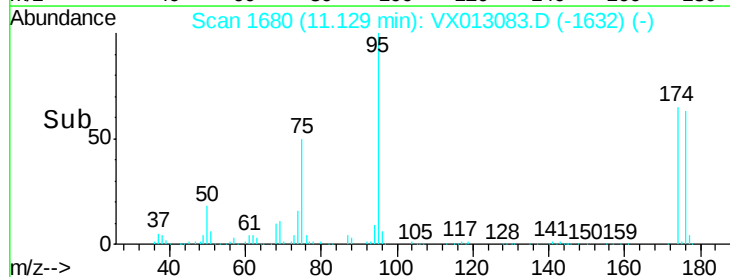
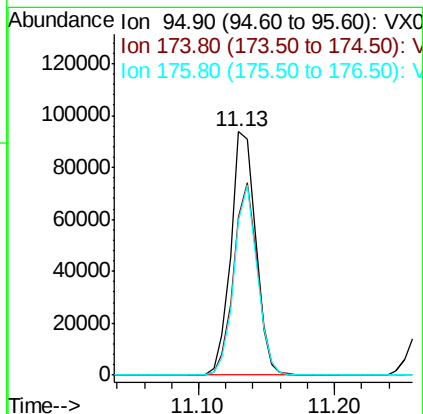
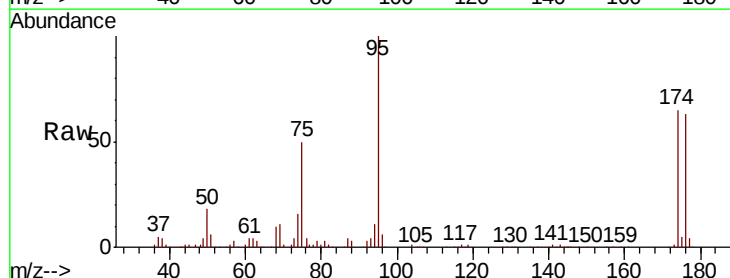
Tgt Ion: 95 Resp: 119879

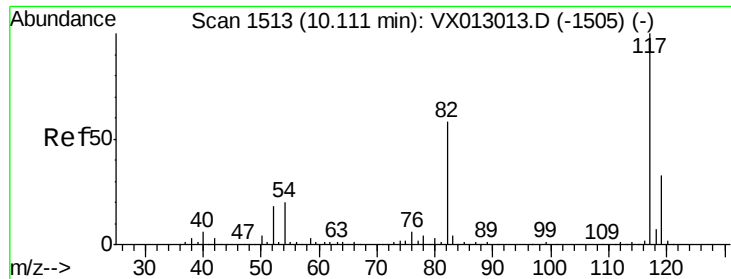
Ion Ratio Lower Upper

95 100

174 75.3 0.0 143.4

176 72.2 0.0 136.0





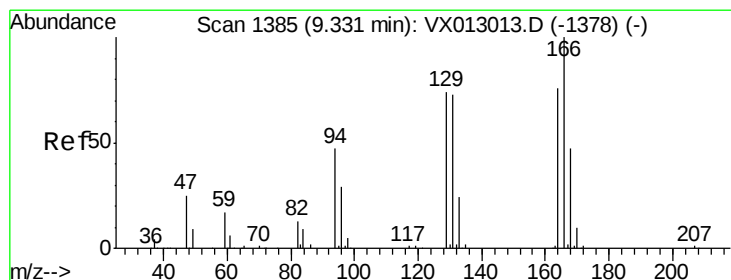
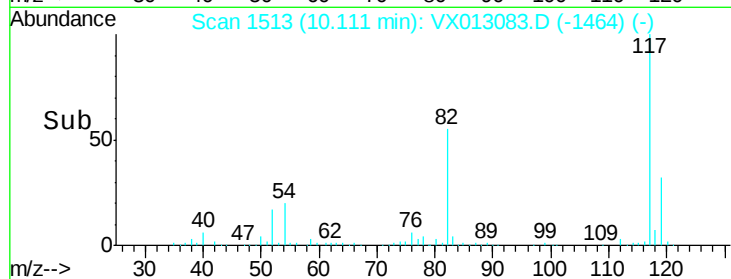
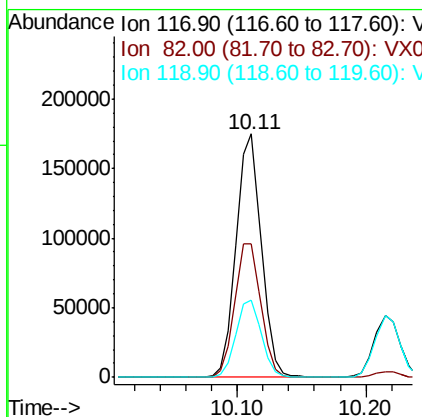
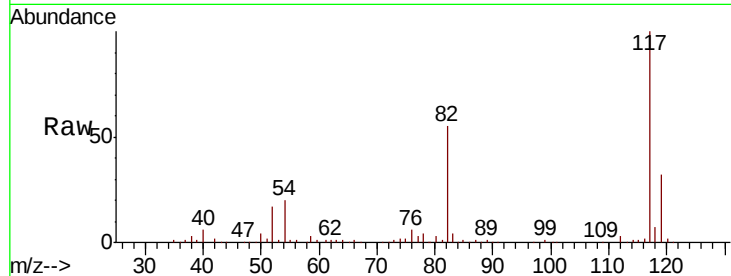
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.1	66.1
119	31.6	25.8	38.8

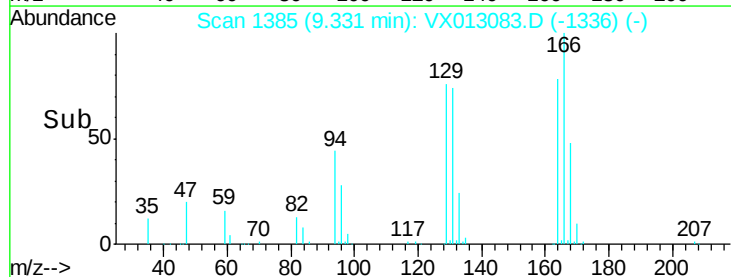
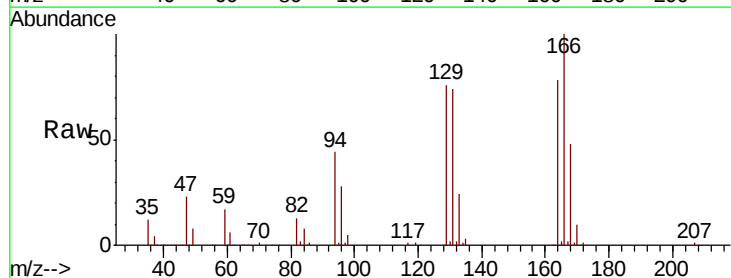
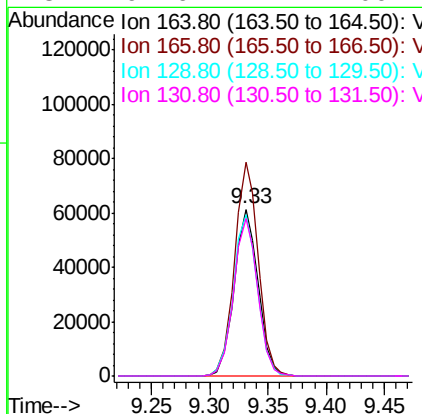
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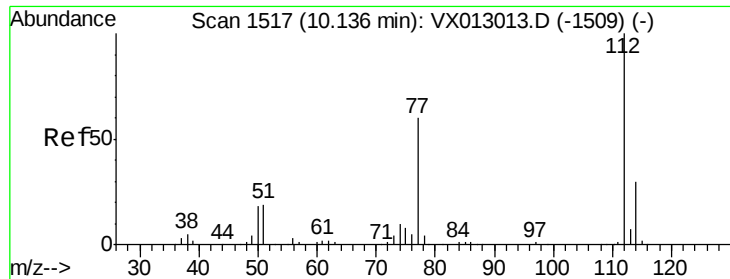
MMDadoda
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#64
Tetrachloroethene
Concen: 53.108 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	96.9	145.3
129	97.0	77.9	116.9
131	94.6	72.7	109.1





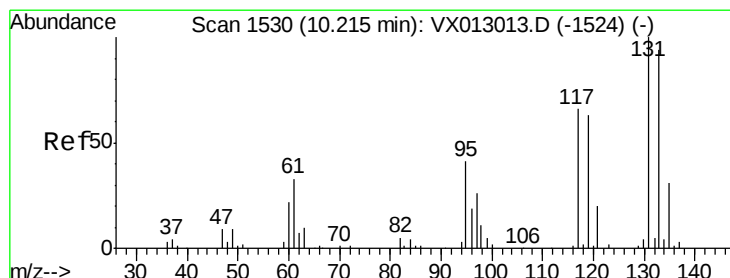
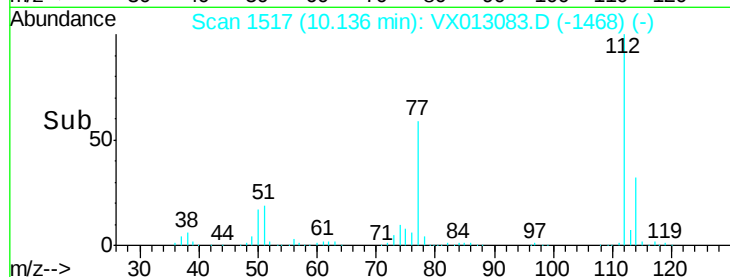
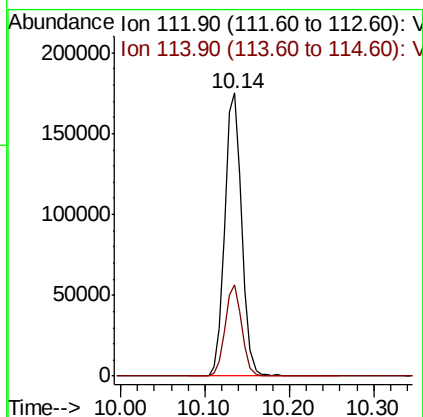
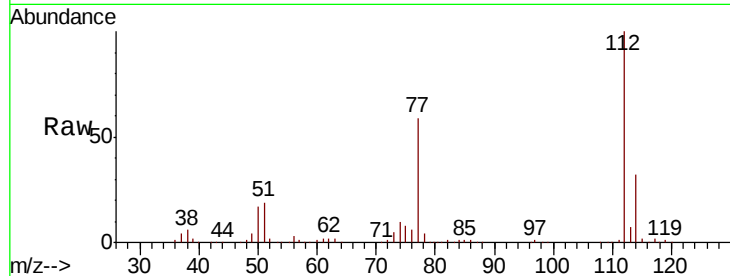
#65
Chlorobenzene
Concen: 51.364 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 243476
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

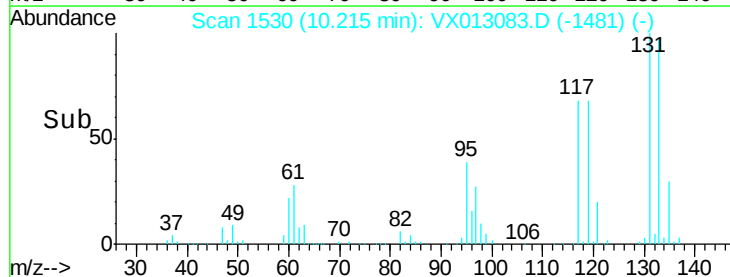
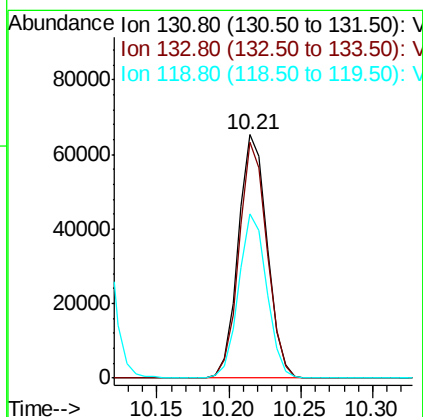
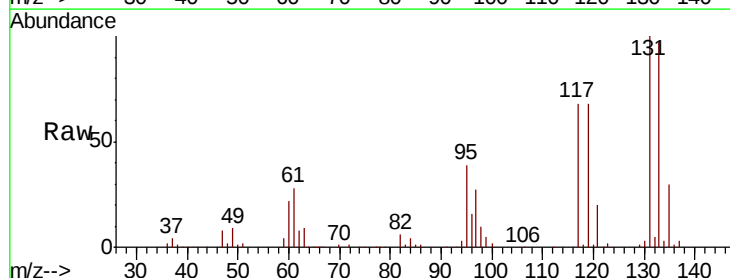
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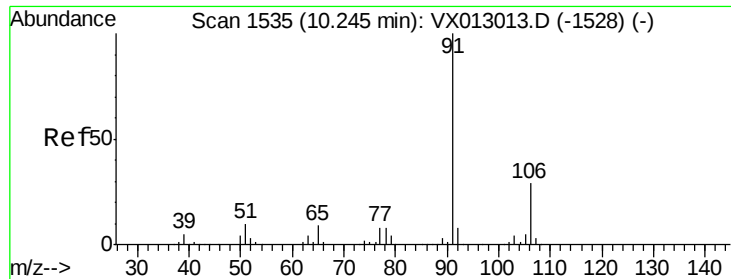
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.255 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Tgt Ion:131 Resp: 90815
Ion Ratio Lower Upper
131 100
133 93.8 47.2 141.6
119 65.9 32.6 98.0





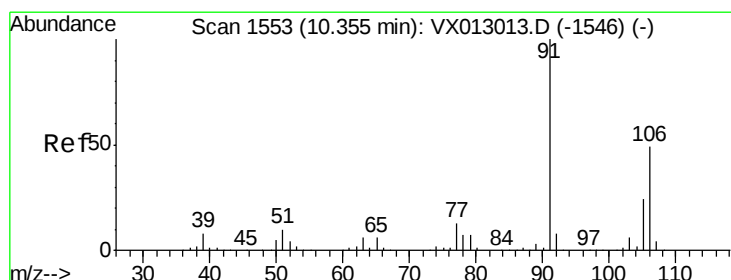
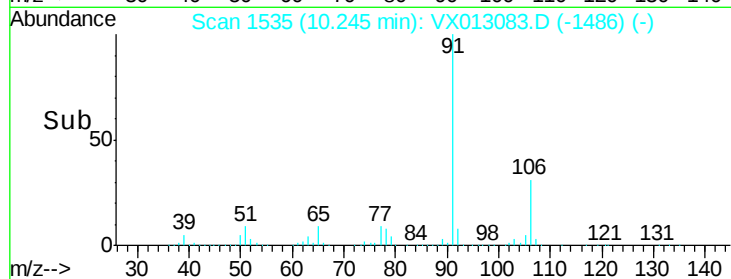
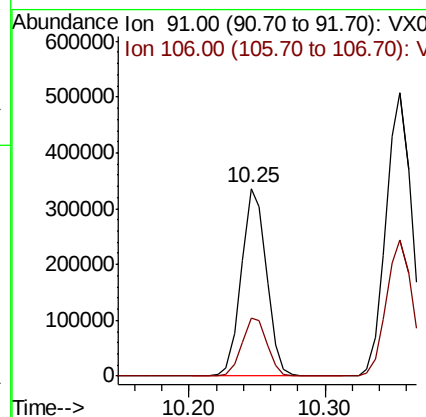
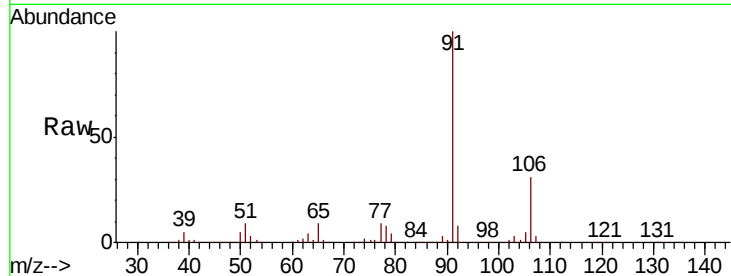
#67
Ethyl Benzene
Concen: 51.420 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 432954
Ion Ratio Lower Upper
91 100
106 30.7 23.9 35.9

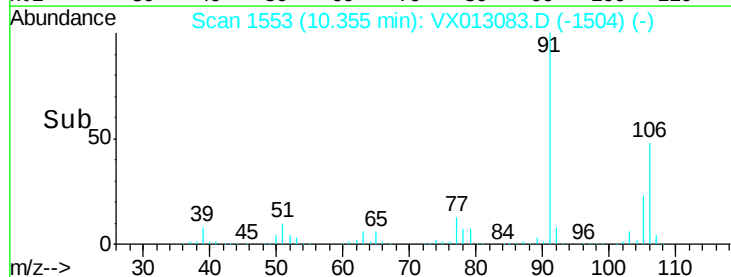
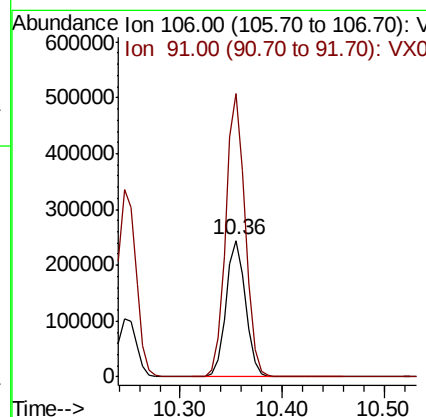
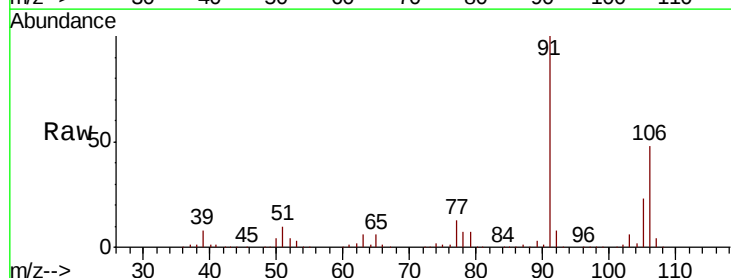
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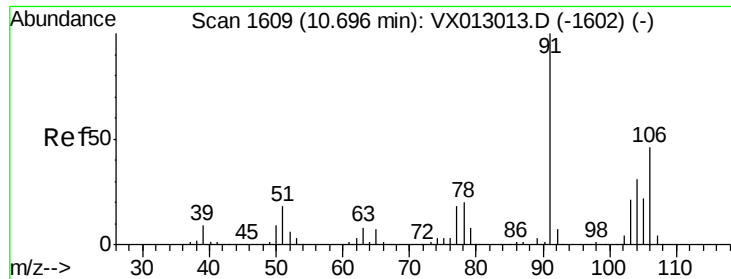
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#68
m/p-Xylenes
Concen: 103.852 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Tgt Ion: 106 Resp: 326672
Ion Ratio Lower Upper
106 100
91 206.3 165.3 247.9





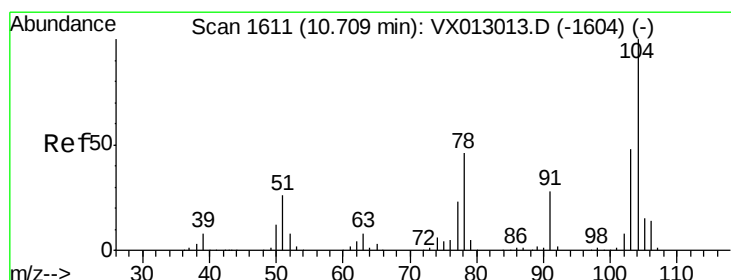
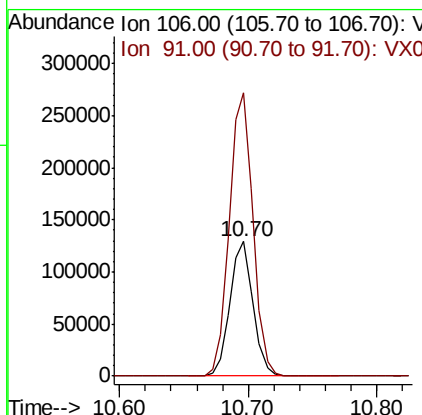
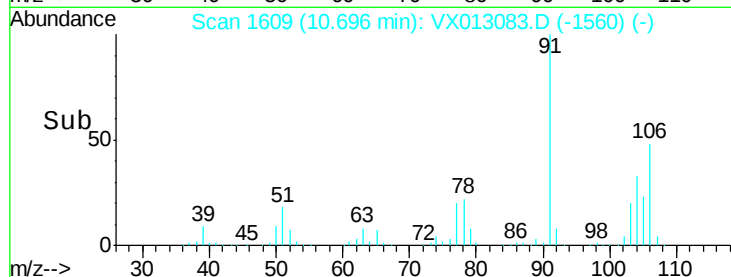
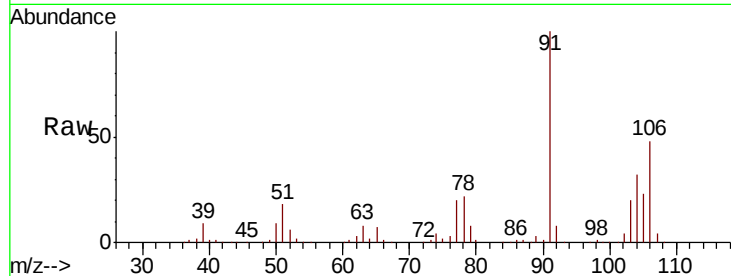
#69
o-Xylene
Concen: 52.880 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 162208
Ion Ratio Lower Upper
106 100
91 216.1 109.1 327.3

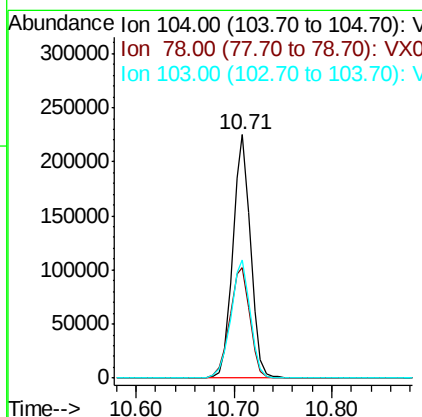
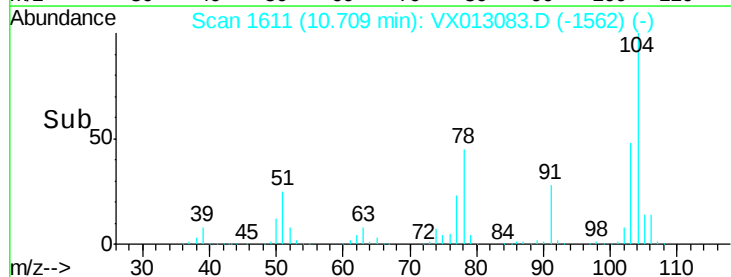
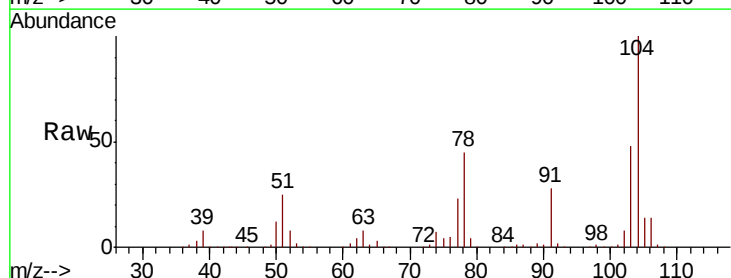
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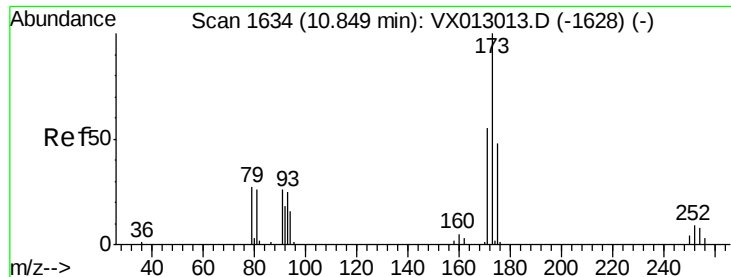
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#70
Styrene
Concen: 54.173 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Tgt Ion:104 Resp: 282497
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 53.3 43.0 64.4





#71

Bromoform

Concen: 47.652 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 66500

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.3

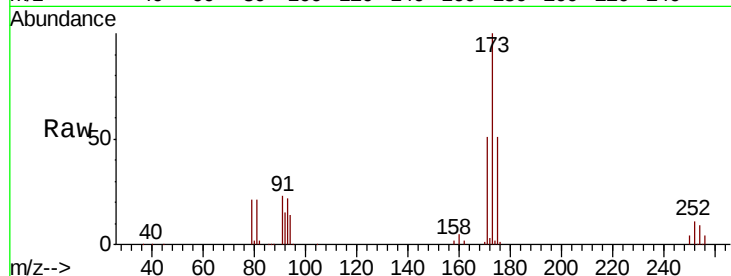
254 0.0 0.1 0.1#

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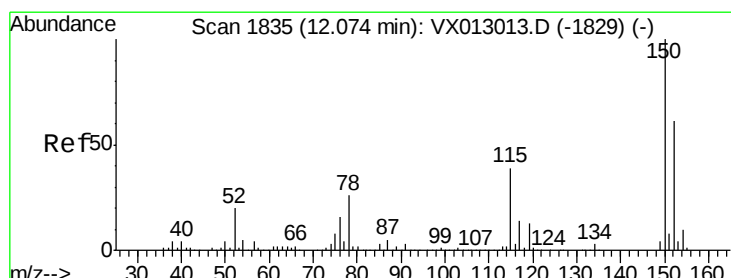
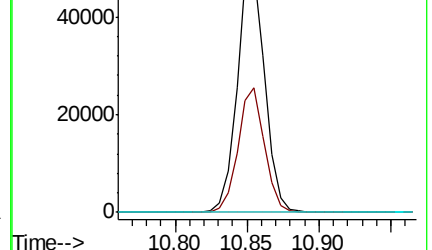
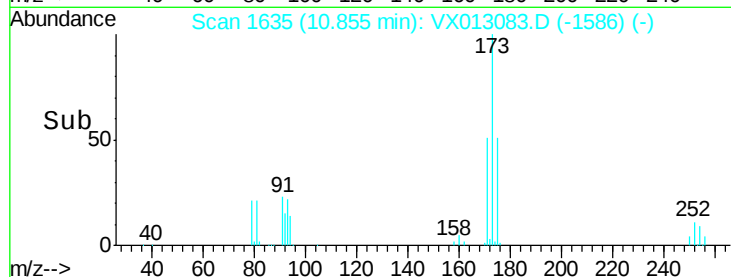
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

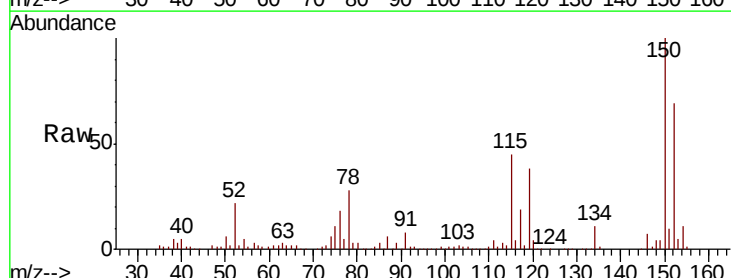
Tgt Ion:152 Resp: 115714

Ion Ratio Lower Upper

152 100

115 85.3 44.5 133.5

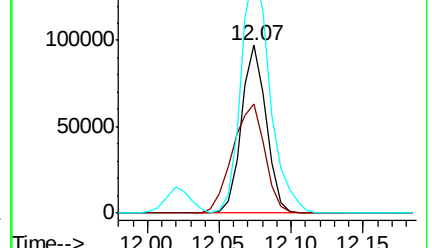
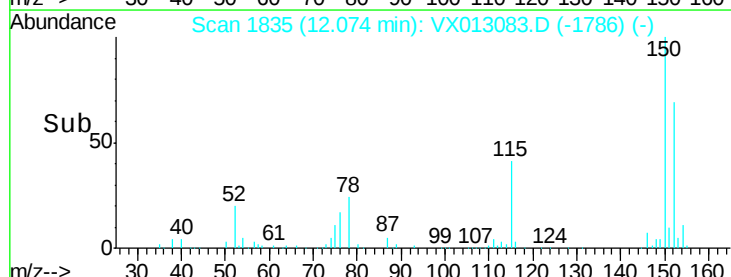
150 169.2 0.0 353.4

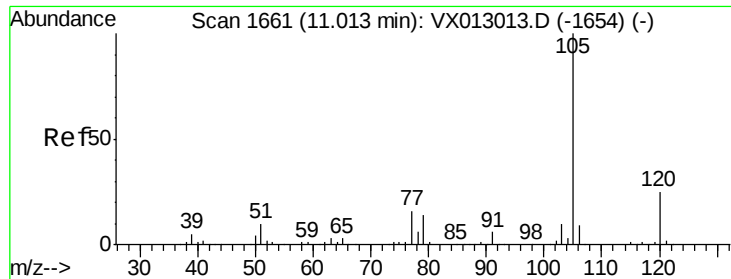


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.221 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 418750

Ion Ratio Lower Upper

105 100

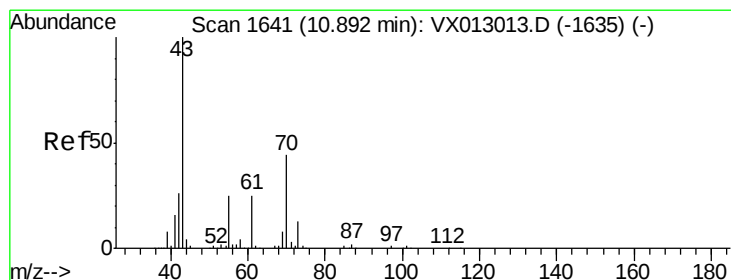
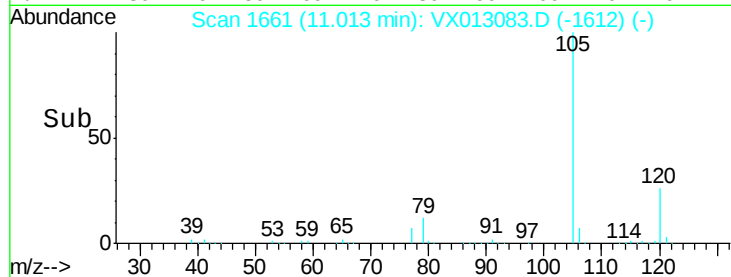
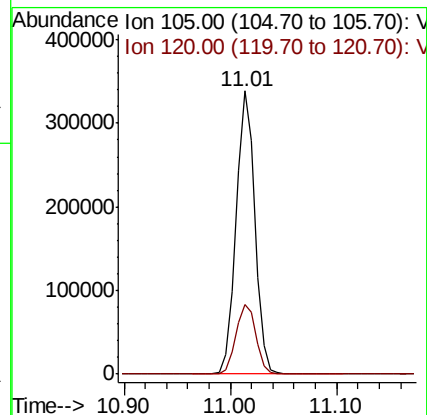
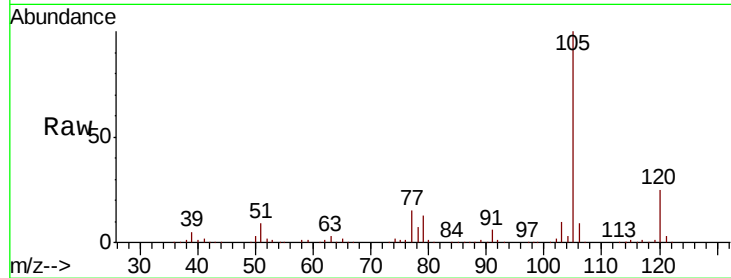
120 26.3 13.0 39.0

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#74

N-ethyl acetate

Concen: 51.870 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Tgt Ion: 43 Resp: 190050

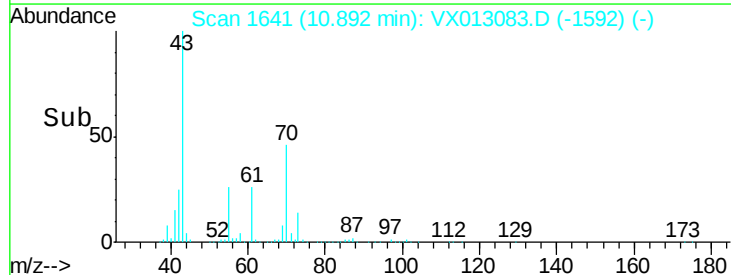
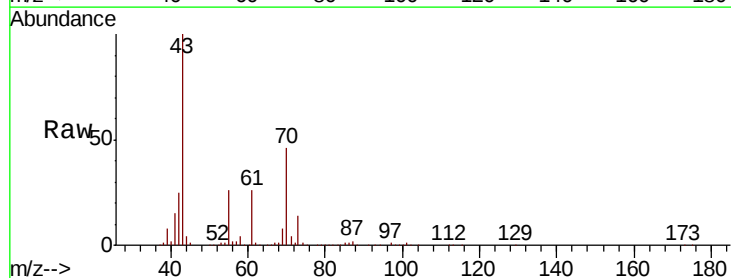
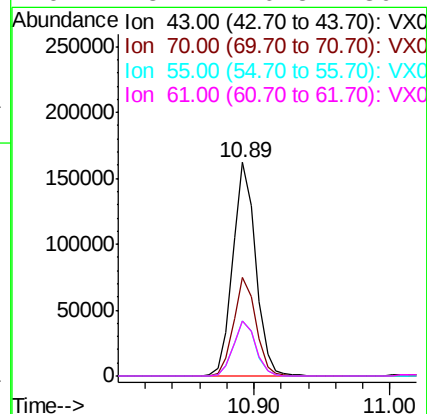
Ion Ratio Lower Upper

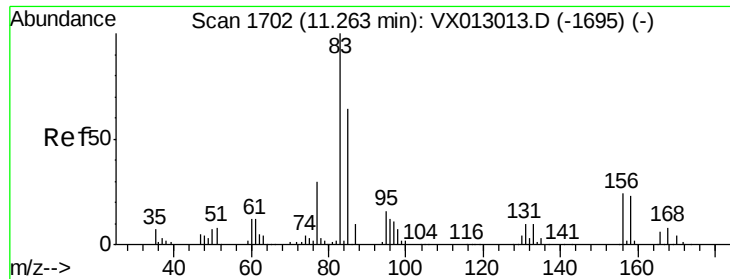
43 100

70 45.1 36.4 54.6

55 25.3 20.2 30.2

61 25.2 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.230 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 144961

Ion Ratio Lower Upper

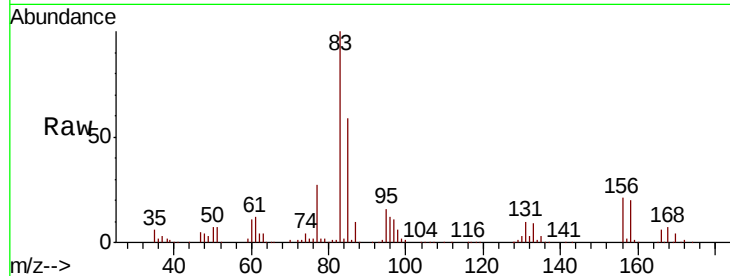
83 100

131 10.1 5.1 15.3

85 64.9 32.1 96.5

Manual Integrations
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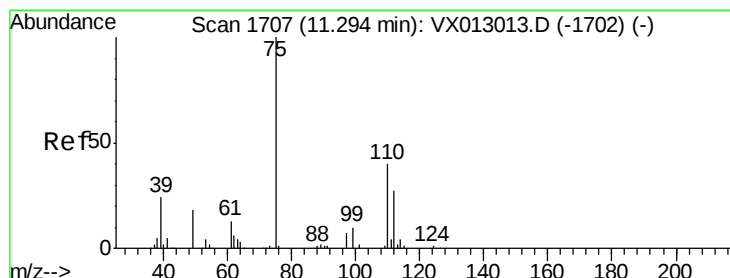
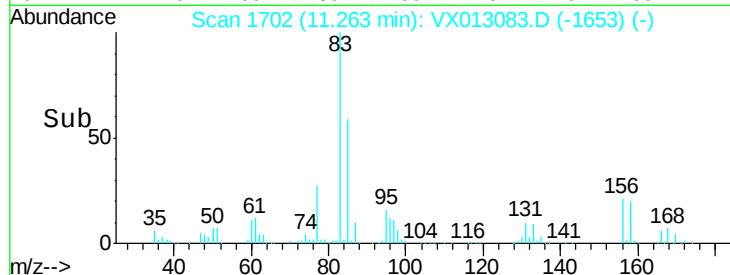
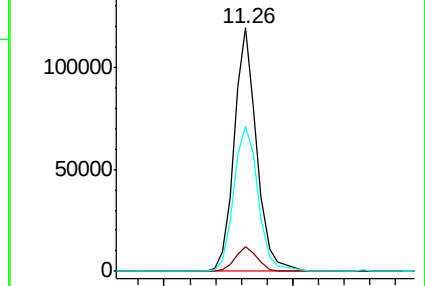
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 45.352 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX013083.D

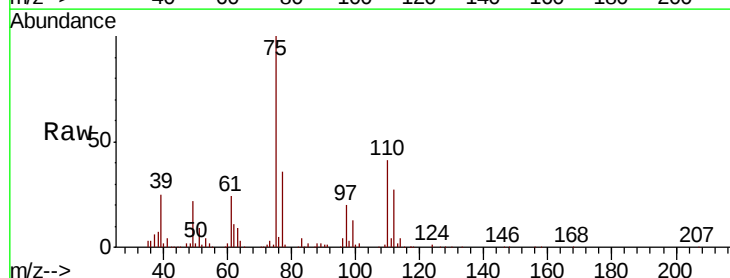
Acq: 15 Oct 2019 17:13

Tgt Ion: 75 Resp: 116396

Ion Ratio Lower Upper

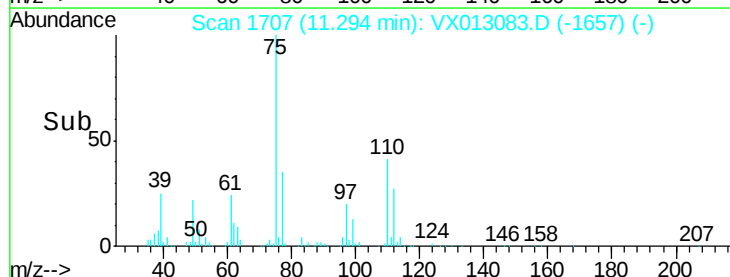
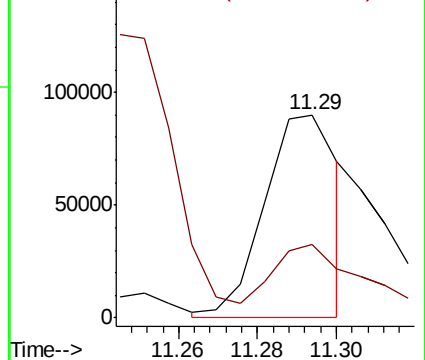
75 100

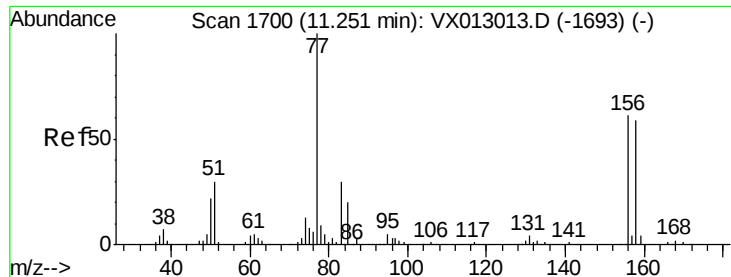
77 45.4 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.102 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

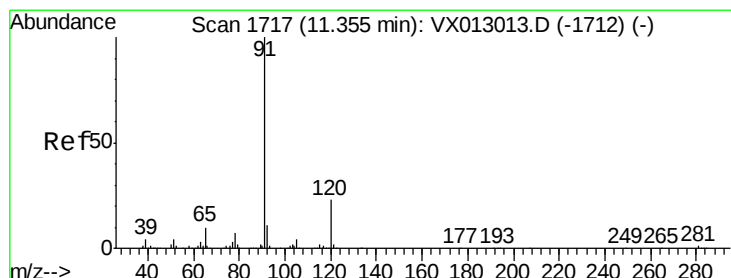
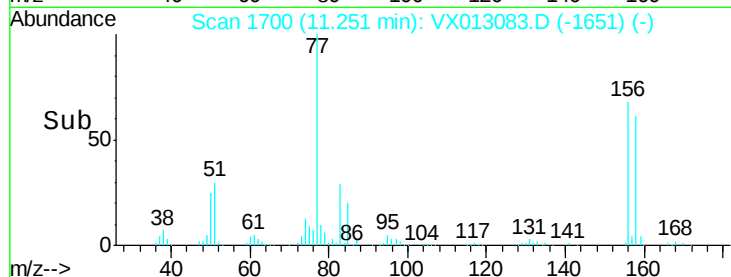
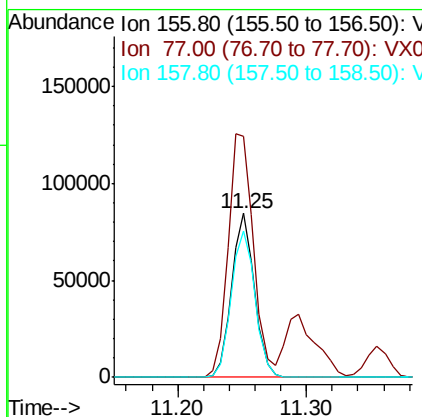
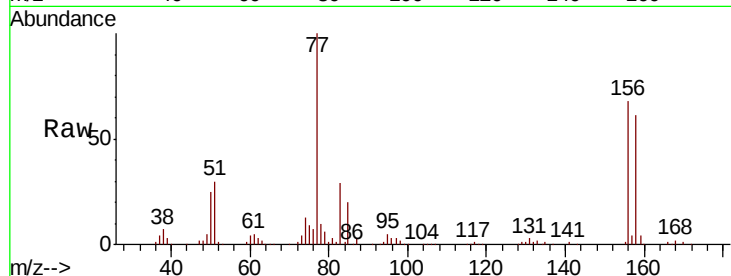
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	165.6	83.7	251.0		
158	93.7	48.6	145.9		

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#78

n-propylbenzene

Concen: 50.412 ug/l

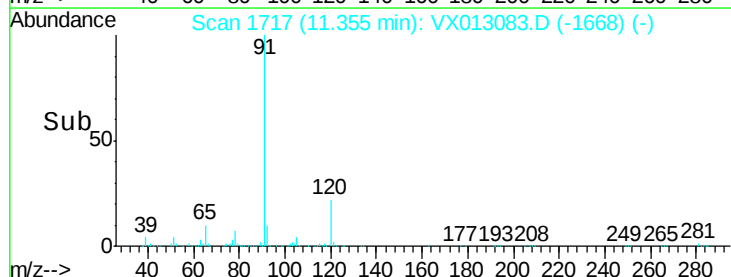
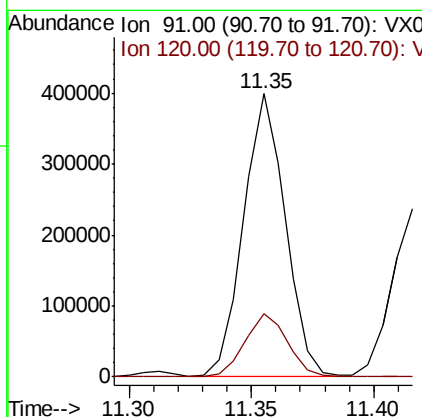
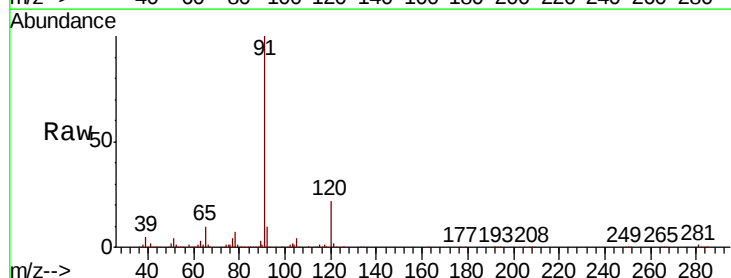
RT: 11.35 min Scan# 1717

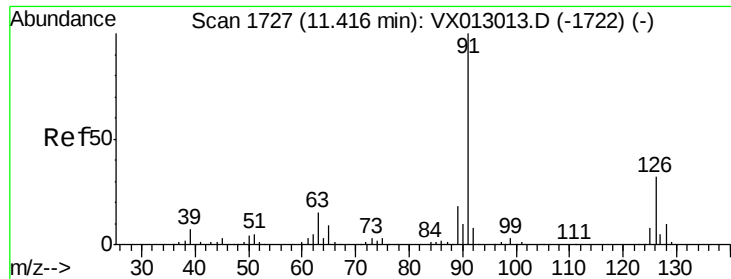
Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	23.0	11.7	35.1		





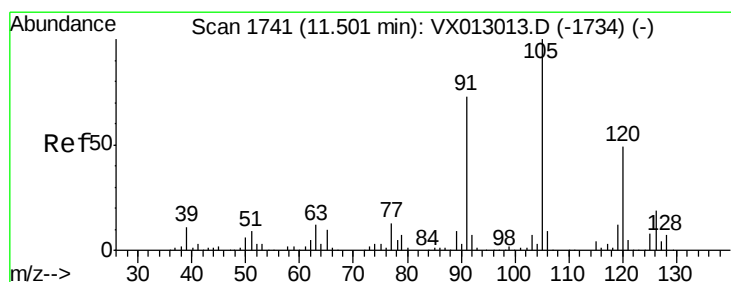
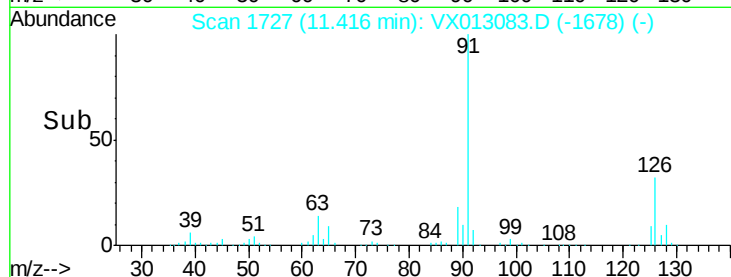
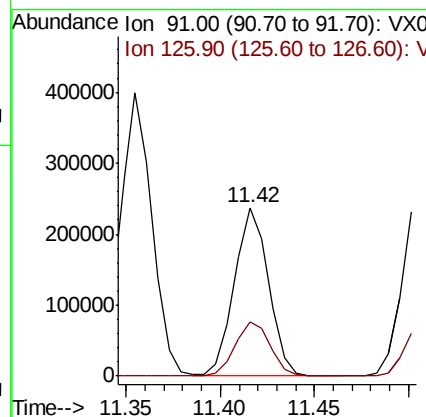
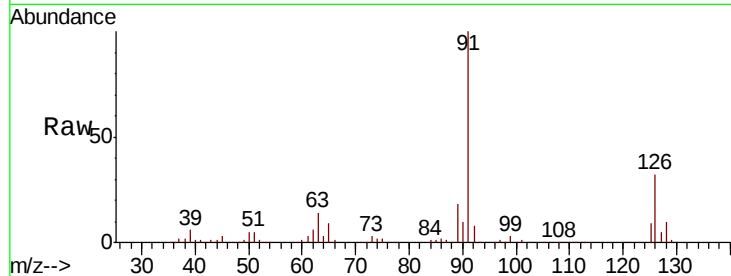
#79
2-Chlorotoluene
Concen: 50.433 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 296717
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8

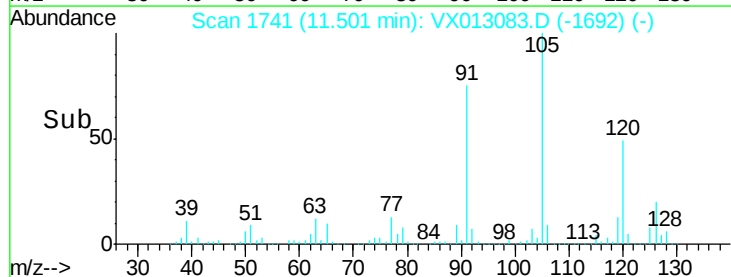
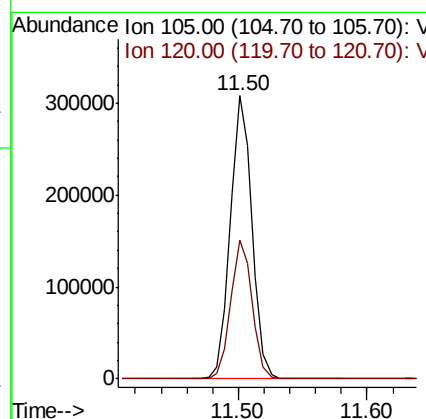
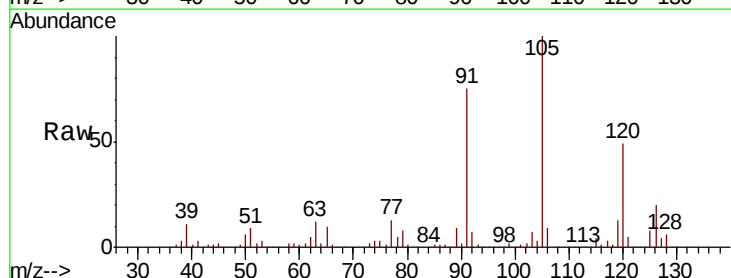
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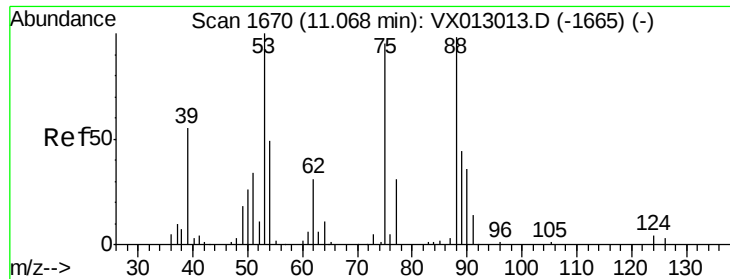
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#80
1,3,5-Trimethylbenzene
Concen: 51.417 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Tgt Ion: 105 Resp: 365257
Ion Ratio Lower Upper
105 100
120 48.7 24.8 74.3





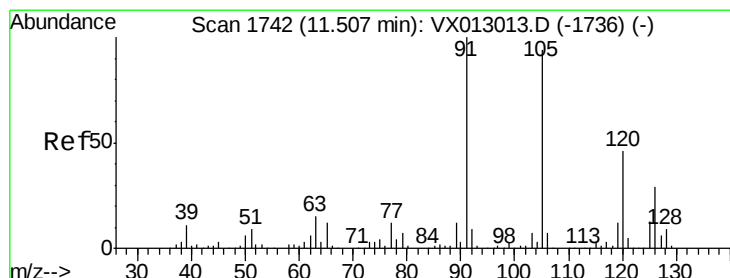
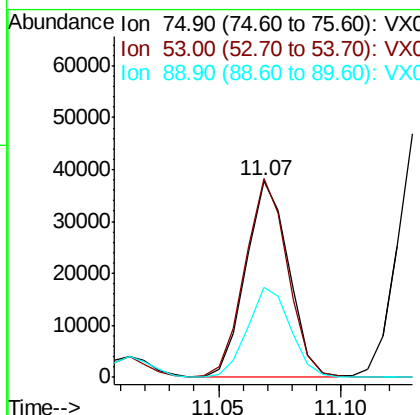
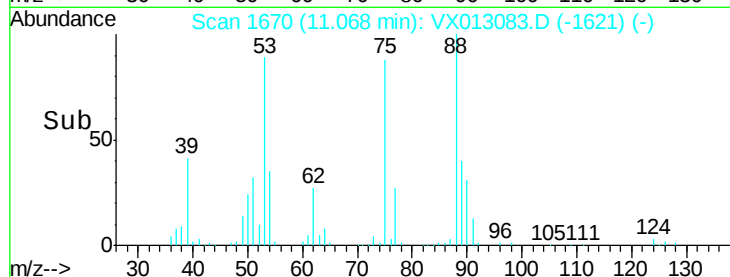
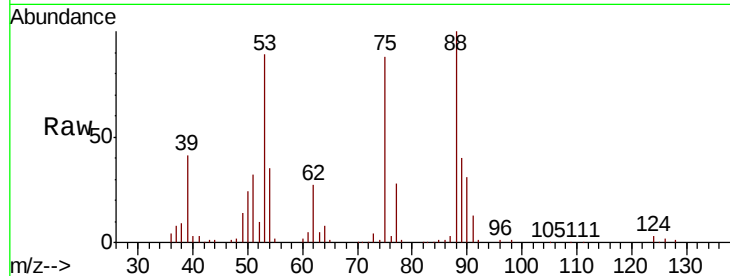
#81
trans-1,4-Dichloro-2-butene
Concen: 46.297 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.8	78.5	117.7
89	46.6	37.4	56.2

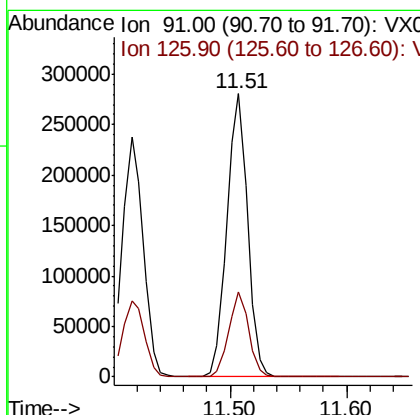
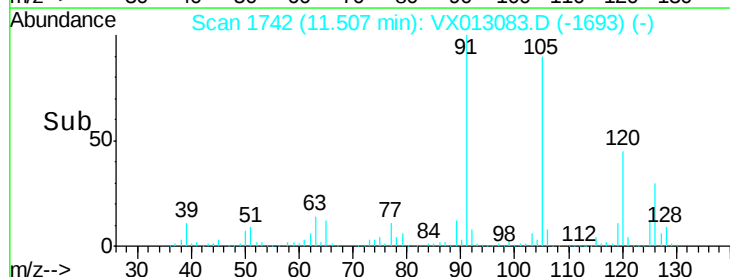
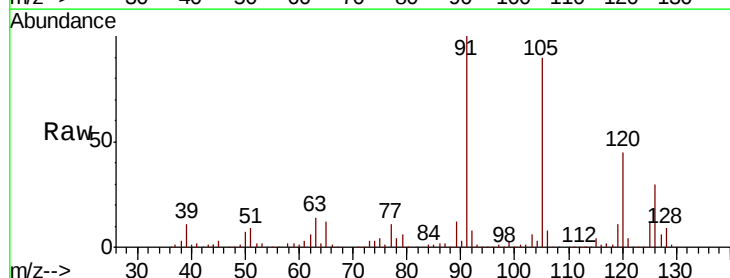
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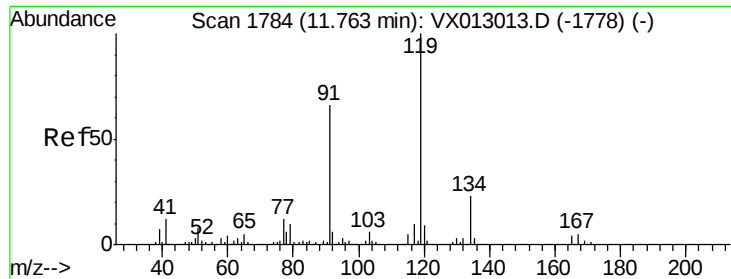
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#82
4-Chlorotoluene
Concen: 51.232 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.2	42.6





#83

tert-Butylbenzene

Concen: 50.649 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

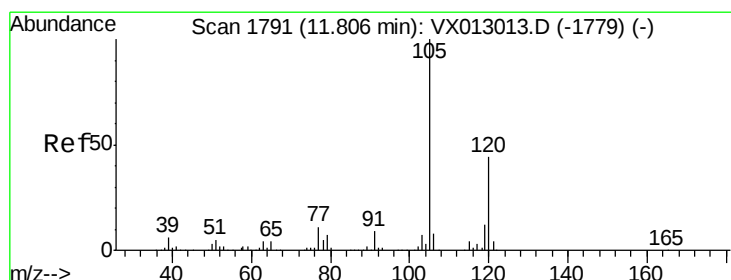
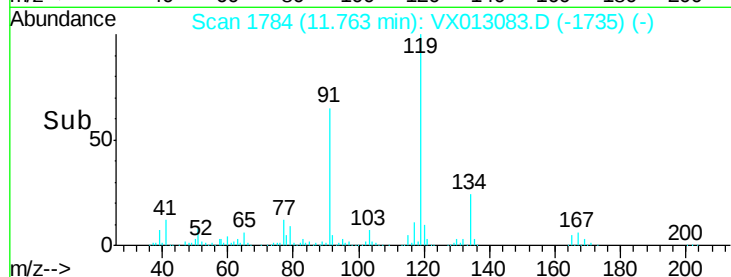
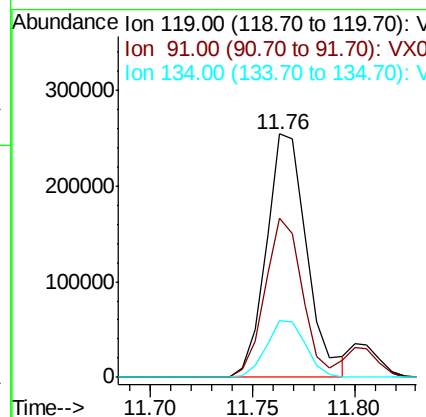
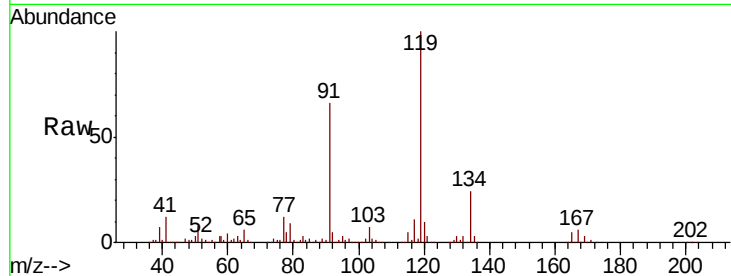
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	350984
Ion Ratio	Lower	Upper	
119	100		
91	60.3	29.3	87.9
134	22.9	11.5	34.4

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#84

1,2,4-Trimethylbenzene

Concen: 52.032 ug/l

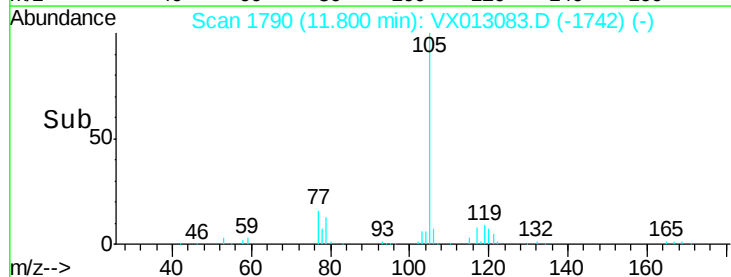
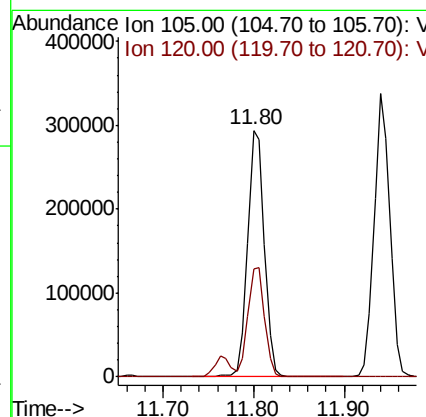
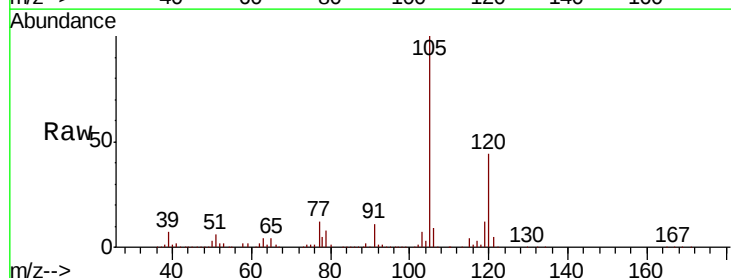
RT: 11.80 min Scan# 1790

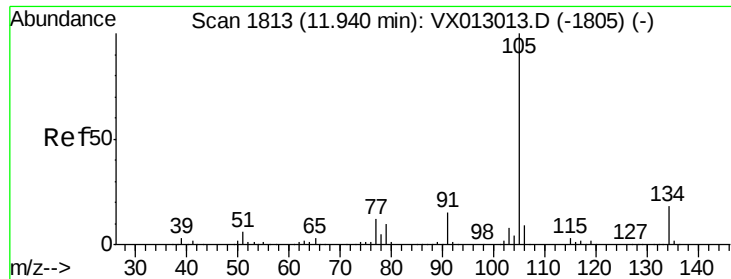
Delta R.T. -0.01 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Tgt Ion:	105	Resp:	374346
Ion Ratio	Lower	Upper	
105	100		
120	44.4	21.8	65.3





#85

sec-Butylbenzene

Concen: 50.877 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 408461

Ion Ratio Lower Upper

105 100

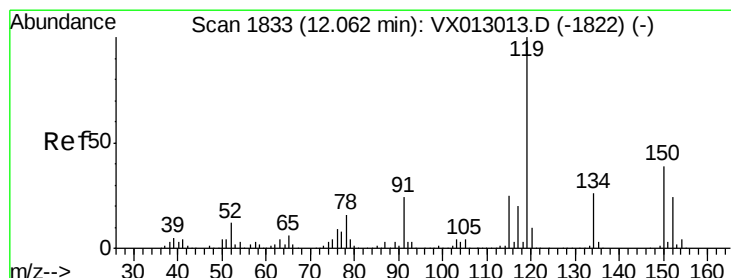
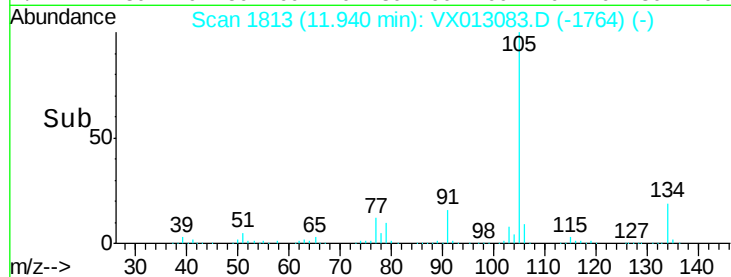
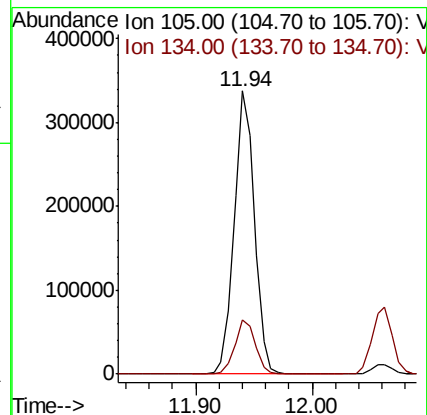
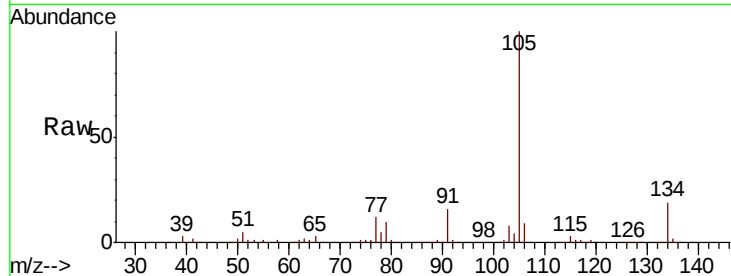
134 19.3 10.0 30.0

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#86

p-Isopropyltoluene

Concen: 50.148 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013083.D

Acq: 15 Oct 2019 17:13

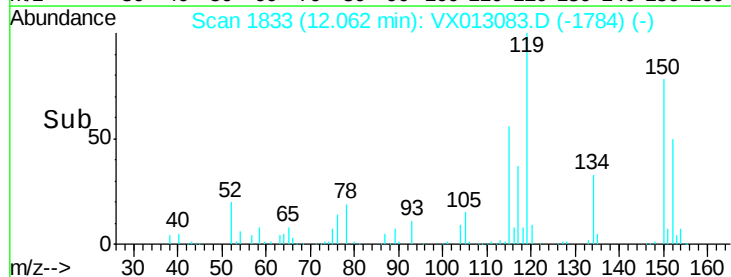
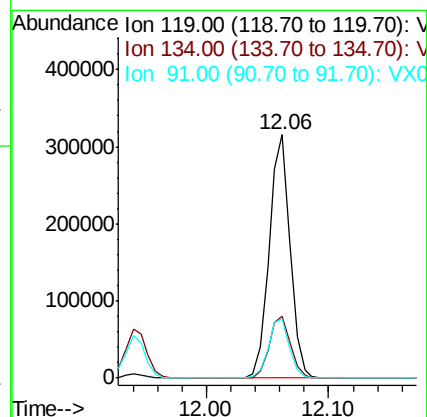
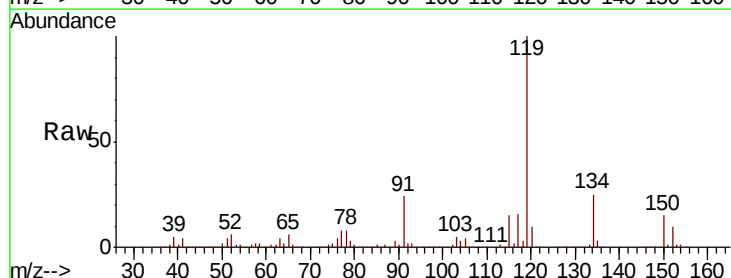
Tgt Ion:119 Resp: 373397

Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

91 24.8 12.4 37.4





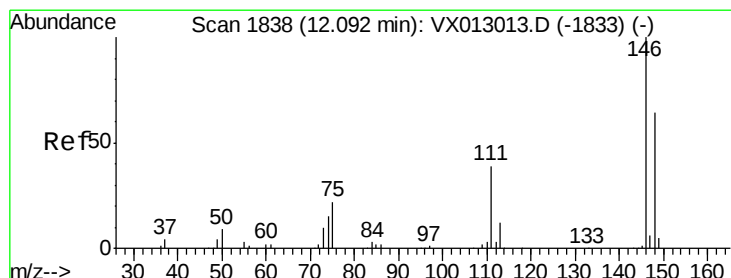
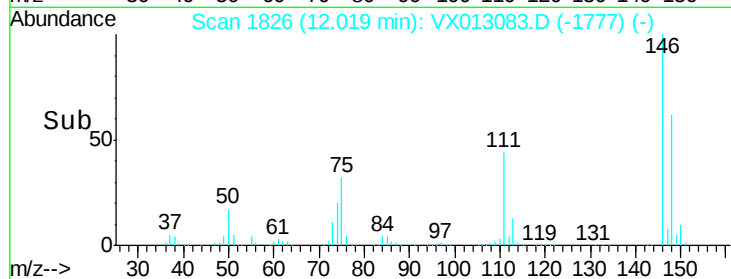
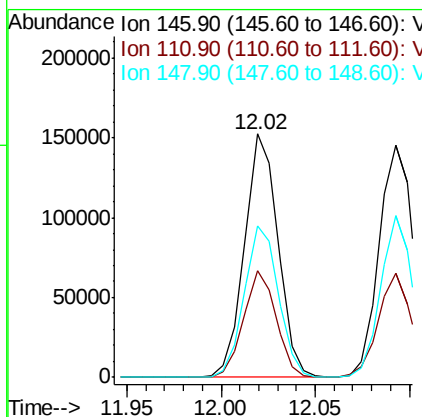
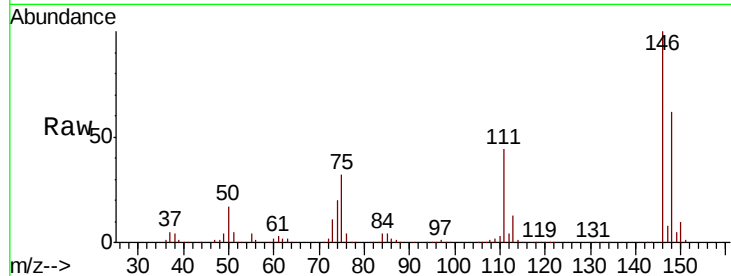
#87
 1,3-Dichlorobenzene
 Concen: 50.495 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013083.D
 Acq: 15 Oct 2019 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.1	63.4
148	63.5	31.6	95.0

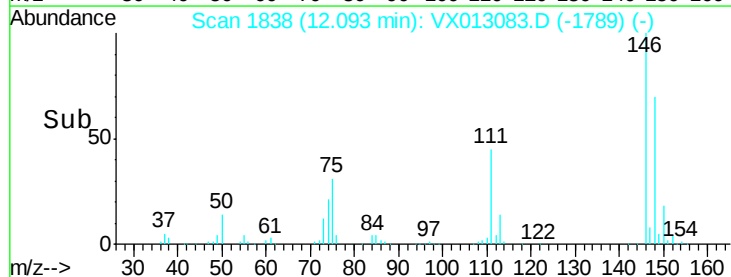
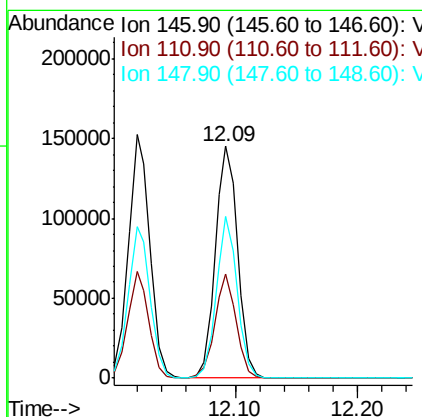
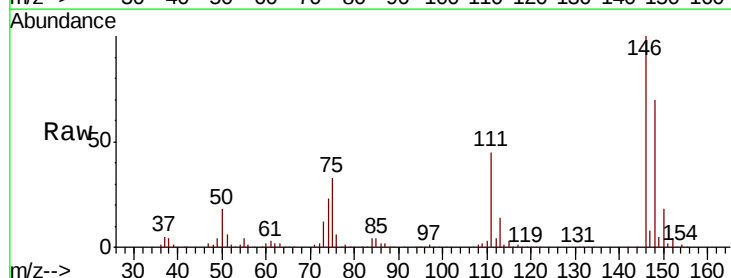
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#88
 1,4-Dichlorobenzene
 Concen: 49.079 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013083.D
 Acq: 15 Oct 2019 17:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.4	64.3
148	65.2	32.1	96.5





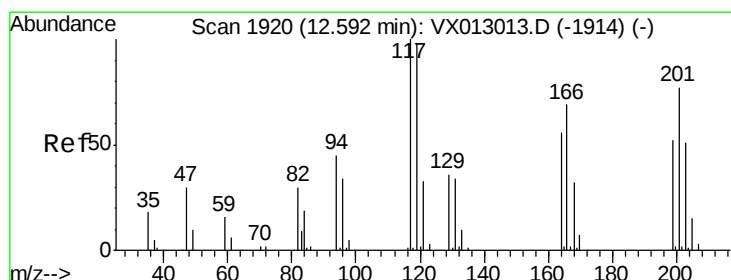
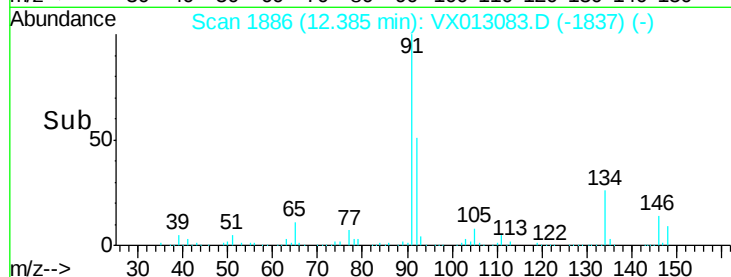
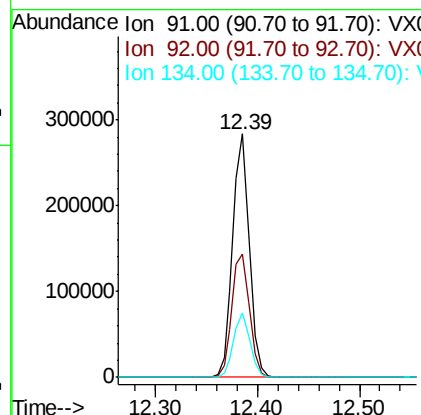
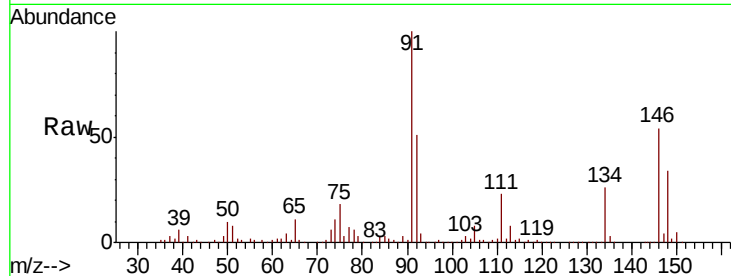
#89
n-Butylbenzene
Concen: 50.845 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.5	82.5
134	26.1	12.9	38.7

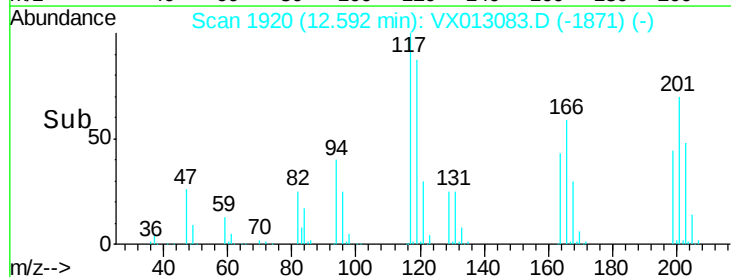
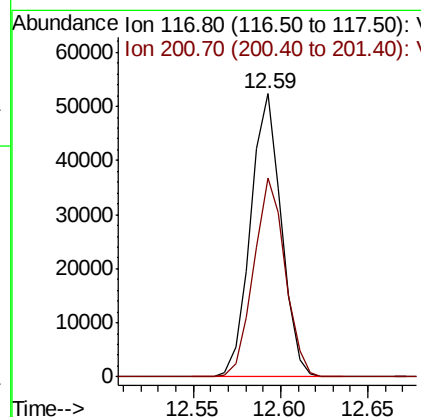
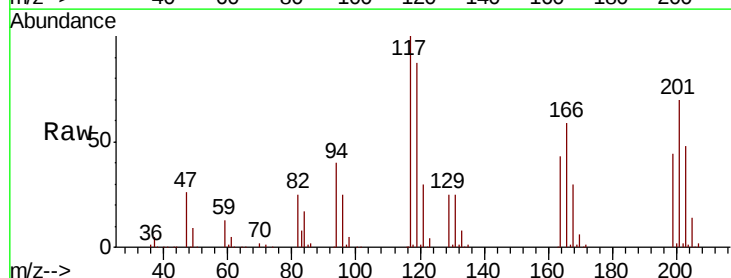
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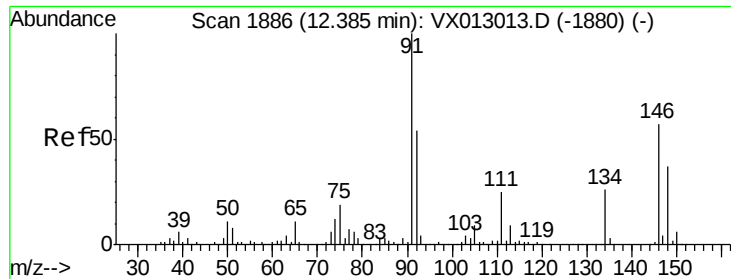
MMDadoda
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#90
Hexachloroethane
Concen: 46.381 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.0	36.9	110.7





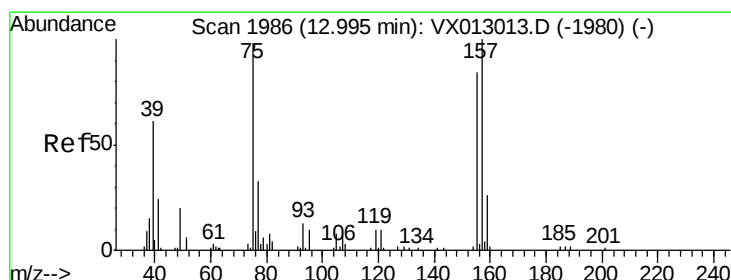
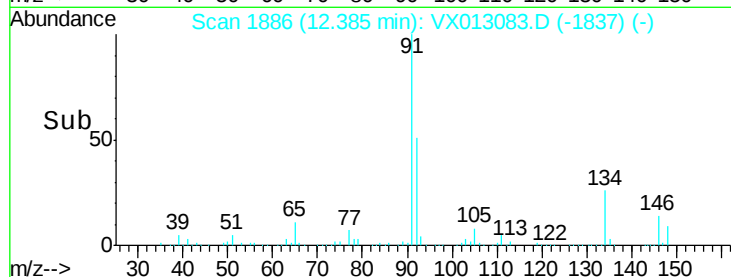
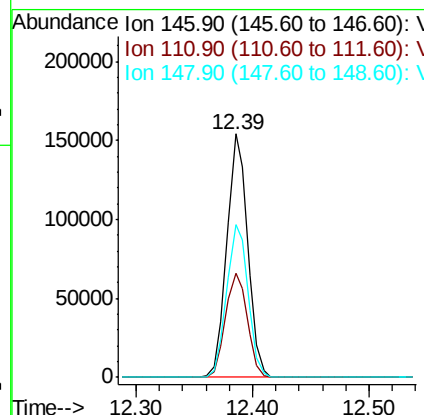
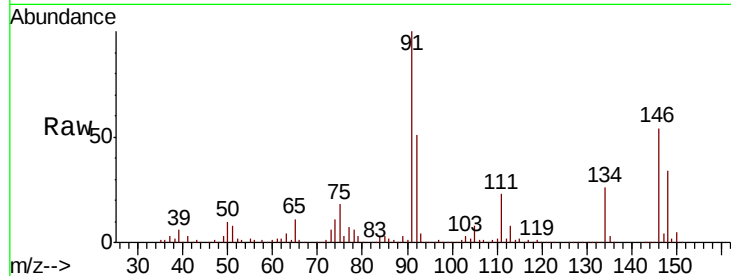
#91
 1,2-Dichlorobenzene
 Concen: 52.051 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013083.D
 Acq: 15 Oct 2019 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.7	68.0
148	64.3	31.6	94.7

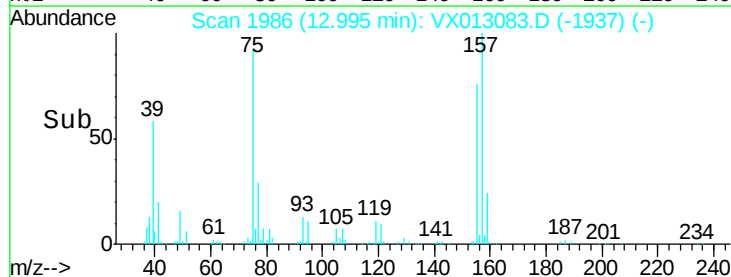
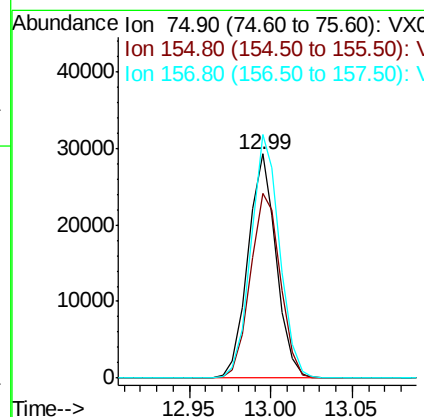
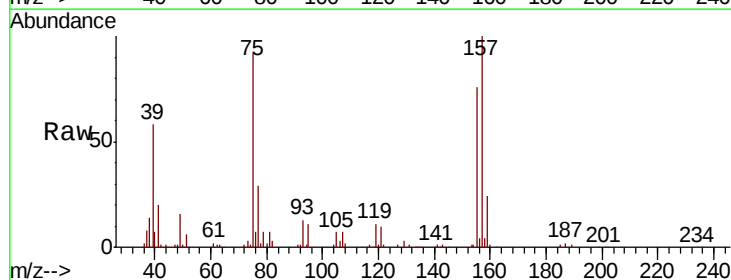
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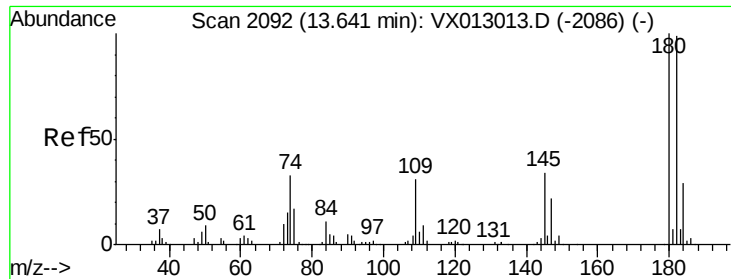
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.217 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013083.D
 Acq: 15 Oct 2019 17:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	43.0	128.8
157	109.9	54.1	162.3





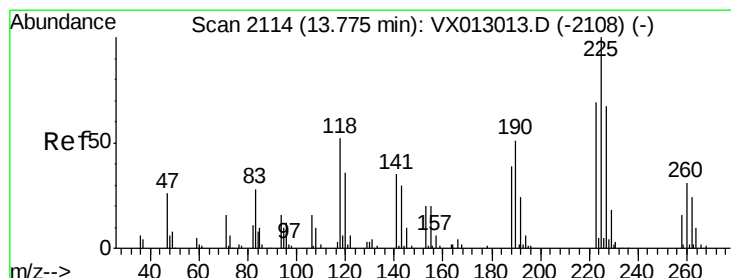
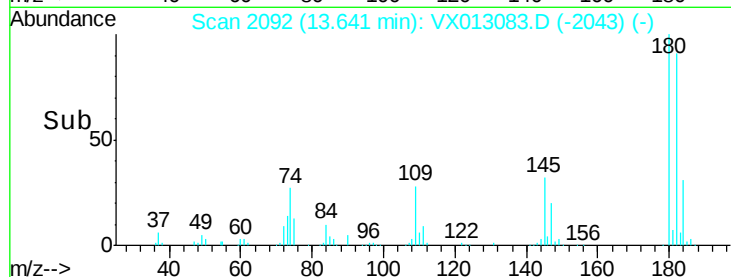
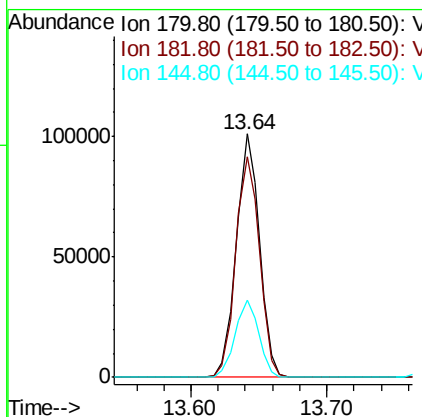
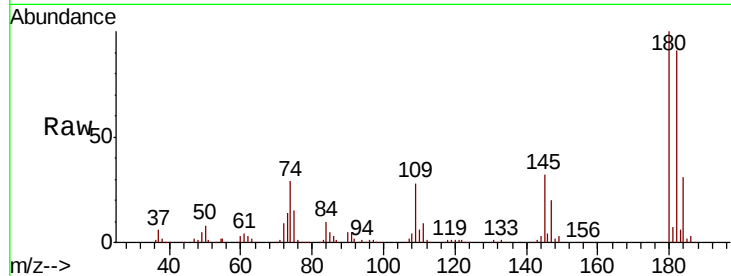
#93
 1,2,4-Trichlorobenzene
 Concen: 52.235 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013083.D
 Acq: 15 Oct 2019 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	119425		
182	93.3	46.8	140.4	
145	32.7	16.2	48.6	

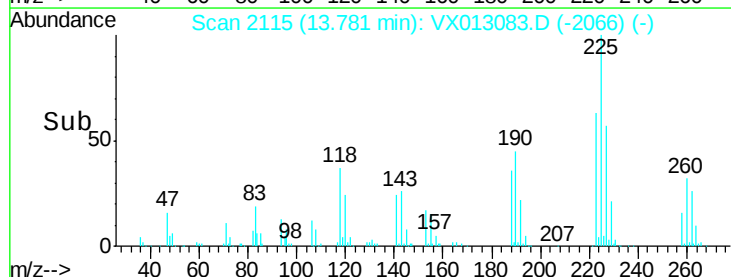
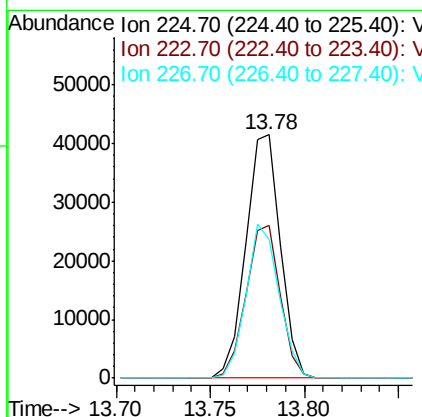
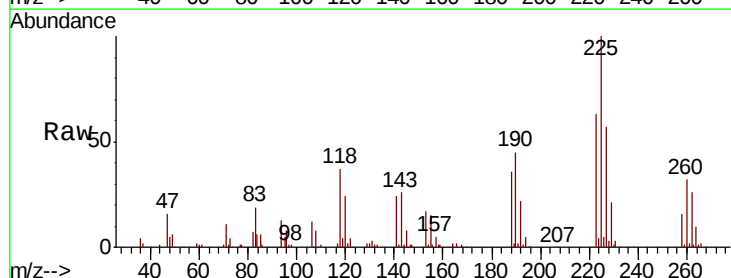
Manual Integrations
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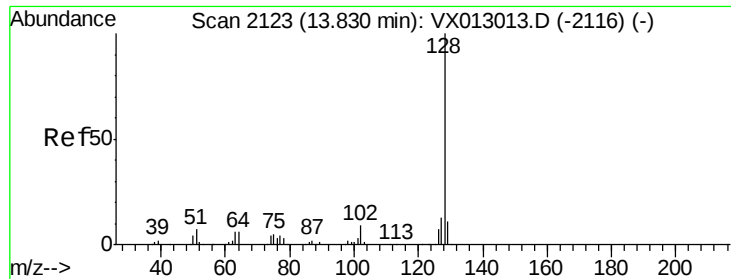
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#94
 Hexachlorobutadiene
 Concen: 49.841 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX013083.D
 Acq: 15 Oct 2019 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52589		
223	62.1	31.1	93.2	
227	60.7	32.3	96.9	





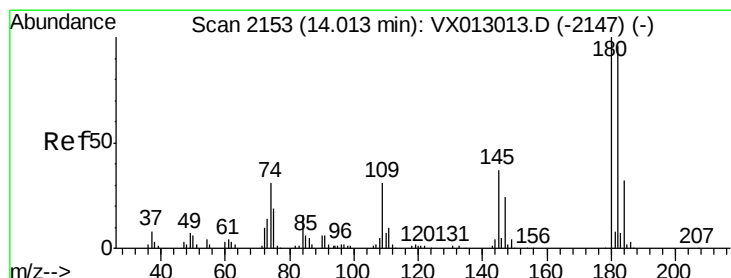
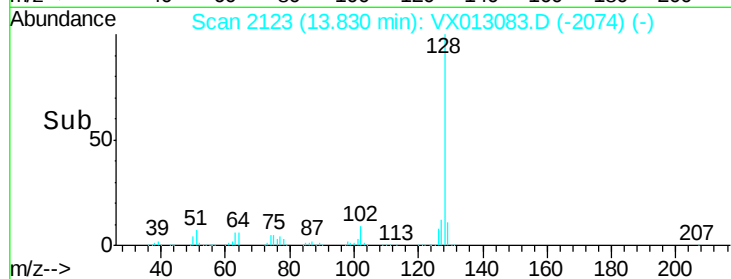
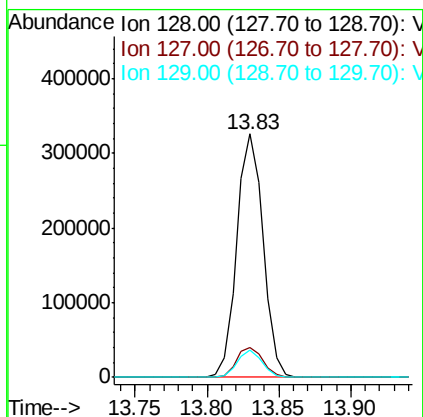
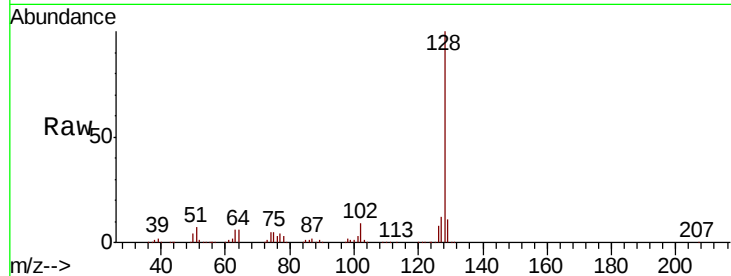
#95
Naphthalene
Concen: 52.323 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.8	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.506 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013083.D
Acq: 15 Oct 2019 17:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.5	142.5
145	35.3	17.4	52.3

