

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102119\
 Data File : VX013154.D
 Acq On : 21 Oct 2019 15:50
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102119

Manual Integrations
 APPROVED

MMDadoda
 10/22/2019 12:30:29 PM

Quant Time: Oct 22 02:09:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	26058	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	149889	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	133933	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	60698	29.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.63%
60) 4-Bromofluorobenzene	11.13	95	69028	29.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.67%
63) Toluene-d8	8.71	98	181420	30.46	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.53%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	35468	18.958	ug/l 98
3) Chloromethane	1.32	50	32738	20.072	ug/l 97
4) Vinyl Chloride	1.40	62	32800	19.451	ug/l 94
5) Bromomethane	1.63	94	20794	22.851	ug/l 98
6) Chloroethane	1.72	64	20661	19.200	ug/l 97
7) Trichlorofluoromethane	1.92	101	49981	18.443	ug/l 92
8) Diethyl Ether	2.18	74	18479	19.978	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	31873	19.256	ug/l 96
10) 1,1-Dichloroethene	2.36	96	30126	18.845	ug/l 96
11) Methyl Iodide	2.50	142	32713	15.889	ug/l 99
12) Methyl Acetate	2.76	43	41321	20.017	ug/l 99
13) Acrolein	2.28	56	28186	91.725	ug/l 99
14) Acrylonitrile	3.13	53	88195	102.161	ug/l 97
15) Acetone	2.43	58	29059	102.168	ug/l 94
16) Carbon Disulfide	2.56	76	79589	18.644	ug/l 96
17) Allyl chloride	2.72	41	49565	19.492	ug/l 98
18) Methylene Chloride	2.84	84	35644	19.257	ug/l 96
19) trans-1,2-Dichloroethene	3.15	96	33033	19.473	ug/l 96
20) Diisopropyl ether	3.84	45	96387	19.599	ug/l 97
21) 1,1-Dichloroethane	3.69	63	57549	19.272	ug/l 97
22) cis-1,2-Dichloroethene	4.59	96	36940	19.097	ug/l 97
23) tert-Butyl Alcohol	3.03	59	46730	102.742	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	106993	19.407	ug/l 97
25) Chloroform	5.20	83	60556	19.298	ug/l 98
26) Cyclohexane	5.56	56	50163	19.145	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	45242	19.429	ug/l 75
30) 2-Butanone	4.66	43	124171	101.661	ug/l 98
31) 2,2-Dichloropropane	4.57	77	51244	19.035	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	53638	19.036	ug/l 98
33) Carbon Tetrachloride	5.78	117	45353	18.727	ug/l 94
34) Benzene	6.13	78	132266	19.731	ug/l 97
35) Methacrylonitrile	5.03	41	24476	19.540	ug/l 98
36) 1,2-Dichloroethane	6.18	62	49755	19.635	ug/l 99
37) Trichloroethene	7.21	130	36011	19.367	ug/l 92
38) Methylcyclohexane	7.46	83	54696	19.261	ug/l 100
39) 1,2-Dichloropropane	7.51	63	32907	20.000	ug/l 98
40) Dibromomethane	7.65	93	23480	19.979	ug/l 100

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MMDadoda
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	45795	19.325	ug/l	99
42) Vinyl Acetate	3.80	43	425486	100.456	ug/l	100
43) Ethyl Acetate	4.82	43	46769	20.994	ug/l	99
44) Isopropyl Acetate	6.43	43	75092	20.056	ug/l	98
45) 1,4-Dioxane	7.73	88	18922	399.618	ug/l	96
46) Methyl methacrylate	7.76	41	37236	20.211	ug/l	93
47) n-amyl Acetate	10.89	43	61814	19.586	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	50127	19.284	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	55277	19.543	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	34545	19.904	ug/l	97
51) Ethyl methacrylate	9.17	69	53323	19.594	ug/l	98
52) 1,3-Dichloropropane	9.37	76	58560	20.035	ug/l	99
53) Dibromochloromethane	9.57	129	35521	18.973	ug/l	100
54) 1,2-Dibromoethane	9.67	107	37377	20.141	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	119616	108.203	ug/l	100
56) Bromoform	10.85	173	24472	18.425	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	232685	103.103	ug/l	99
59) 2-Hexanone	9.48	43	179712	101.607	ug/l	99
61) Tetrachloroethene	9.33	164	35513	20.001	ug/l	97
62) Toluene	8.78	91	145117	20.071	ug/l	99
64) Chlorobenzene	10.14	112	91863	19.816	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.21	131	34993	20.151	ug/l	98
66) Ethyl Benzene	10.25	91	162307	19.505	ug/l	99
67) m/p-Xylenes	10.35	106	123401	39.019	ug/l	100
68) o-Xylene	10.70	106	59690	19.771	ug/l	95
69) Styrene	10.71	104	102097	19.651	ug/l	99
70) Isopropylbenzene	11.01	105	159937	19.306	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	50562	19.918	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	48794m	22.130	ug/l	
73) Bromobenzene	11.25	156	37535	18.880	ug/l	97
74) n-propylbenzene	11.35	91	177030	19.469	ug/l	99
75) 2-Chlorotoluene	11.42	91	113463	19.942	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	135777	19.524	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	16148	18.863	ug/l	96
78) 4-Chlorotoluene	11.51	91	127019	19.538	ug/l	98
79) tert-butylbenzene	11.76	119	132575	19.798	ug/l	97
80) 1,2,4-Trimethylbenzene	11.81	105	137887	19.848	ug/l	100
81) sec-Butylbenzene	11.94	105	153135	19.196	ug/l	100
82) p-Isopropyltoluene	12.06	119	139236	19.090	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	69555	19.157	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	67647	18.839	ug/l	98
85) n-Butylbenzene	12.39	91	114002	18.401	ug/l	98
86) Hexachloroethane	12.59	117	23689	18.608	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	68748	19.520	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	11804	18.871	ug/l	94
89) 1,2,4-Trichlorobenzene	13.64	180	41574	18.980	ug/l	98
90) Hexachlorobutadiene	13.78	225	20292	18.246	ug/l	96
91) Naphthalene	13.83	128	142638	20.019	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	43402	19.340	ug/l	95

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QLast Update : Tue Oct 22 01:53:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

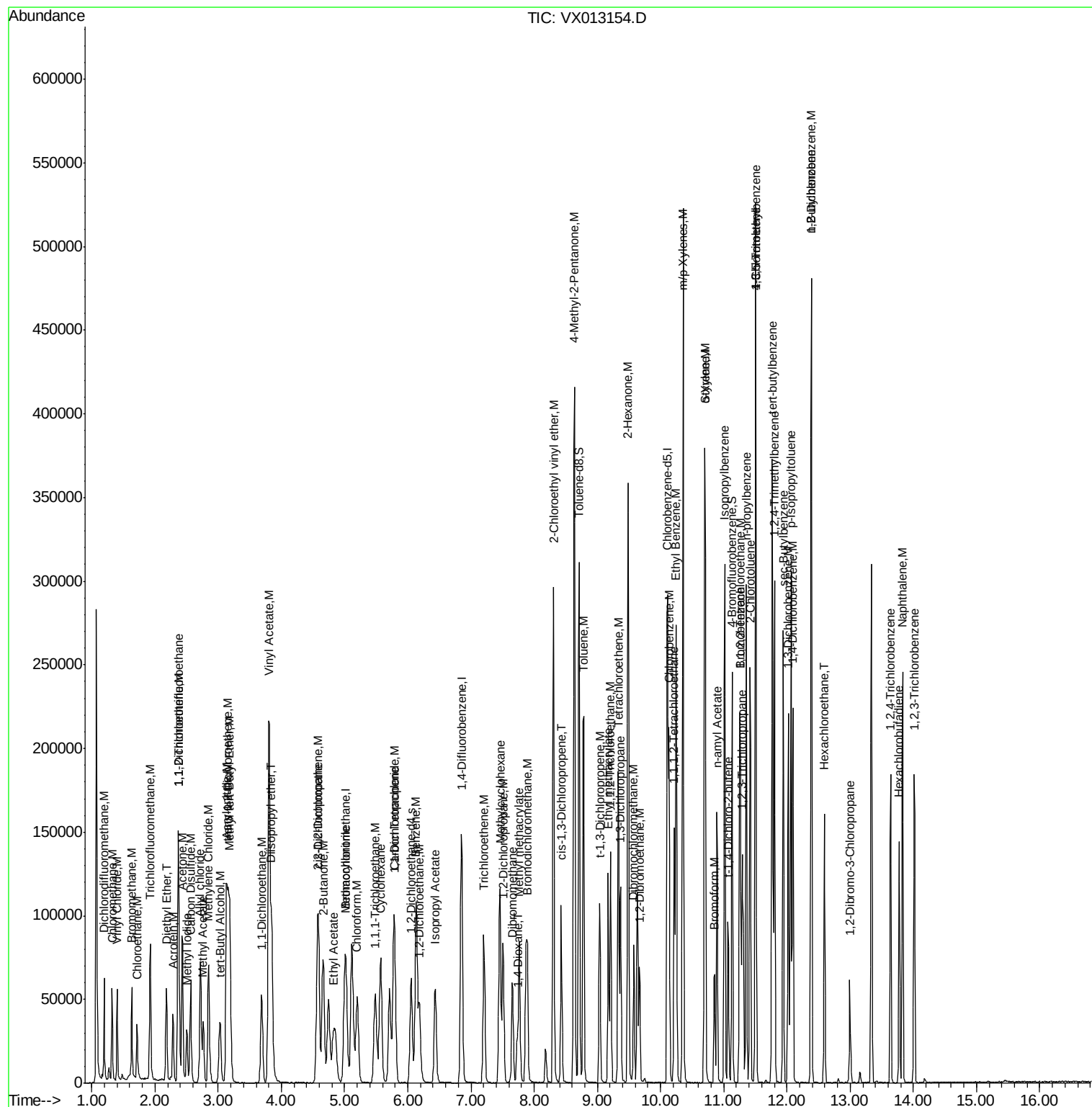
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102119\
 Data File : VX013154.D
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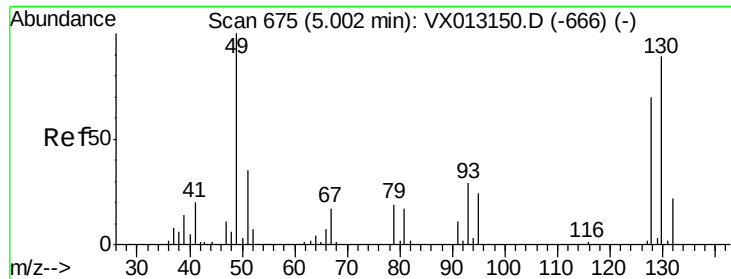
Instrument :
 MSVOA_X
 ClientSampleID :
 ICVVX102119

Manual Integrations
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102119

Tot Ion:128 Resp: 26058

Ion Ratio Lower Upper

128 100

49 150.1 0.0 367.3

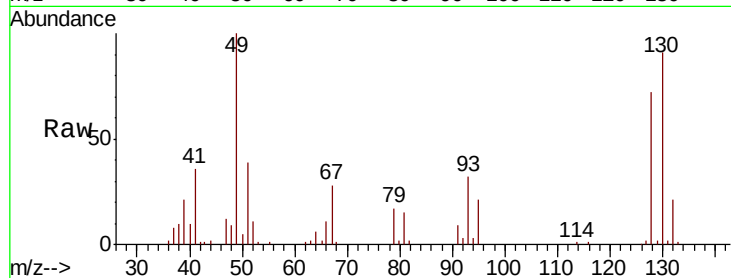
130 131.3 0.0 325.0

Manual Integrations

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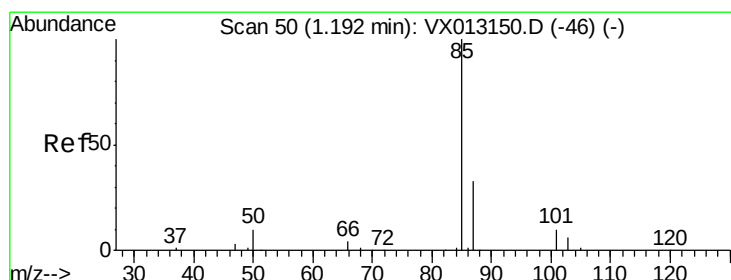
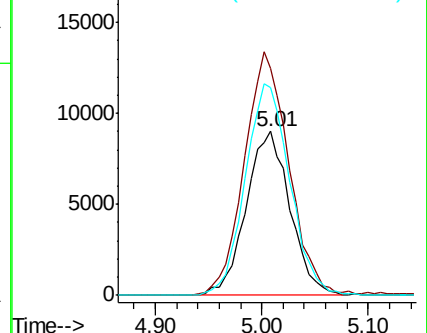
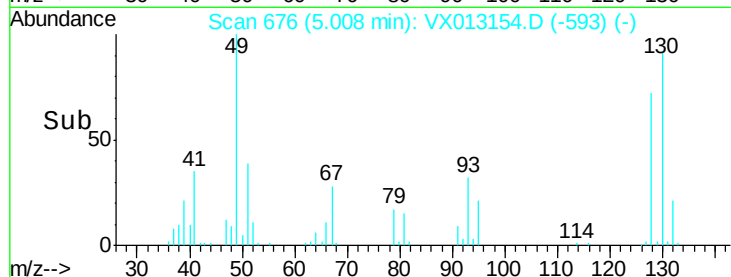
10/22/2019 12:30:29 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.958 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX013154.D

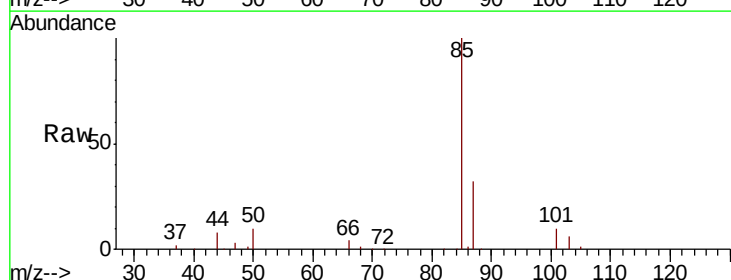
Acq: 21 Oct 2019 15:50

Tgt Ion: 85 Resp: 35468

Ion Ratio Lower Upper

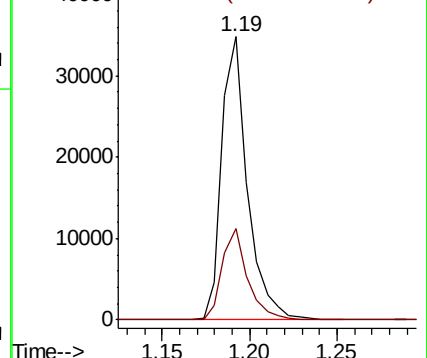
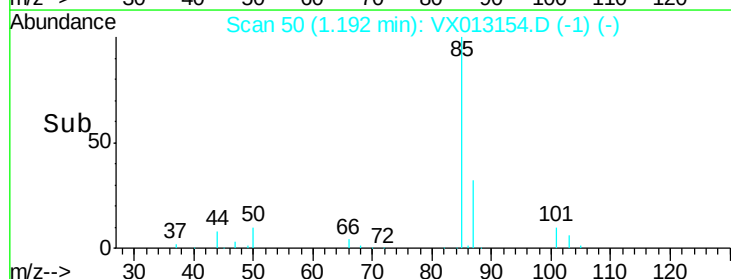
85 100

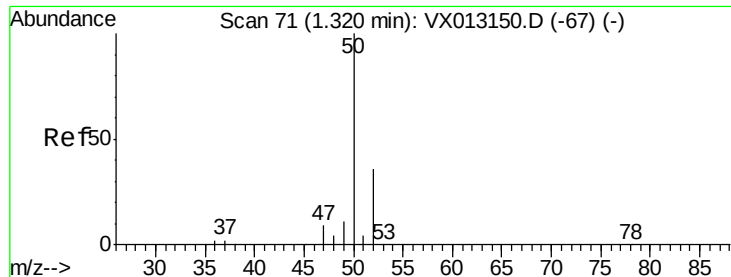
87 32.2 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 20.072 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102119

Tot Ion: 50 Resp: 32738

Ion Ratio Lower Upper

50 100

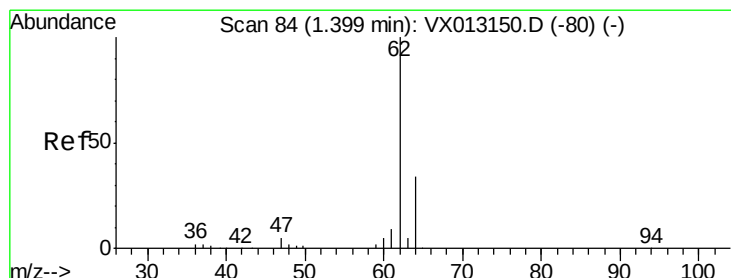
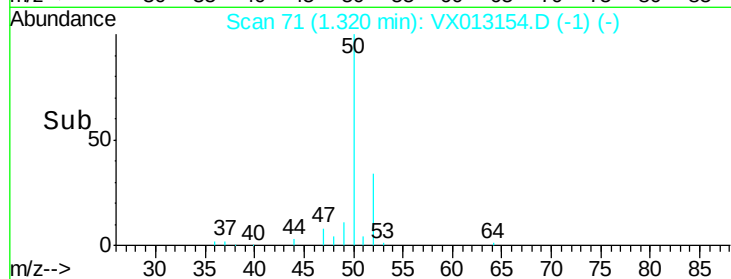
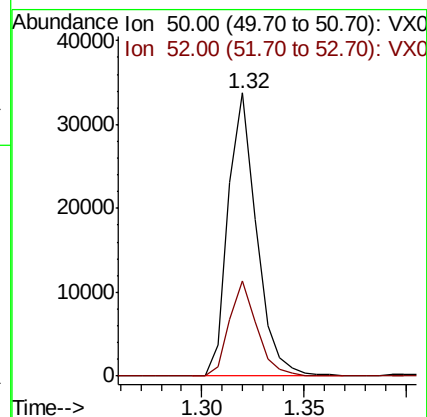
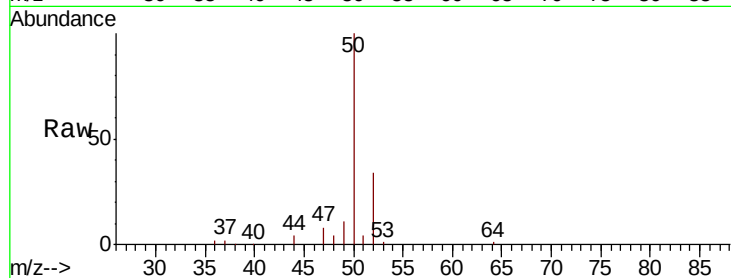
52 33.7 28.6 42.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.451 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013154.D

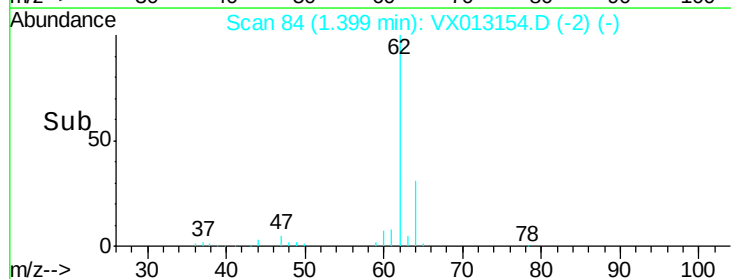
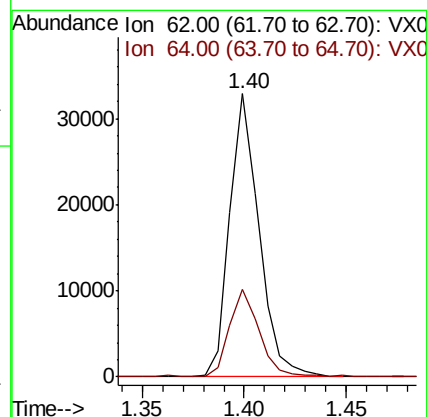
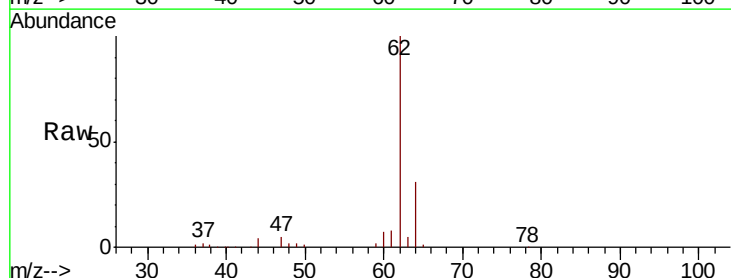
Acq: 21 Oct 2019 15:50

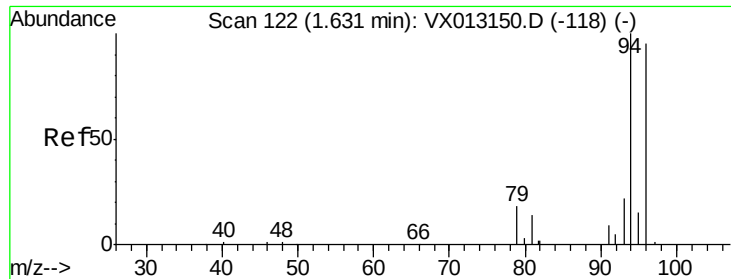
Tgt Ion: 62 Resp: 32800

Ion Ratio Lower Upper

62 100

64 30.7 27.3 40.9





#5

Bromomethane

Concen: 22.851 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102119

Tot Ion: 94 Resp: 20794

Ion Ratio Lower Upper

94 100

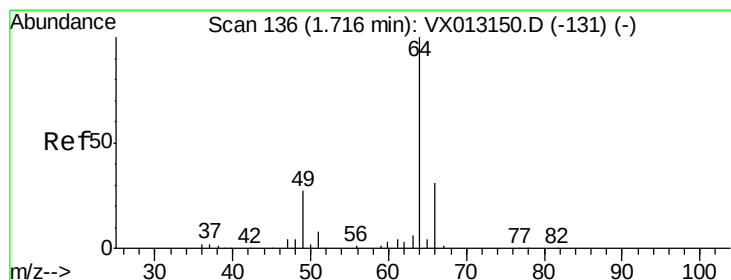
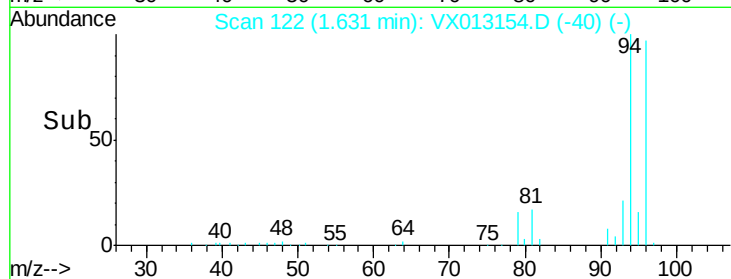
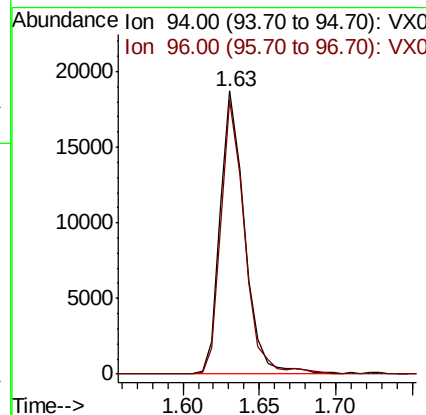
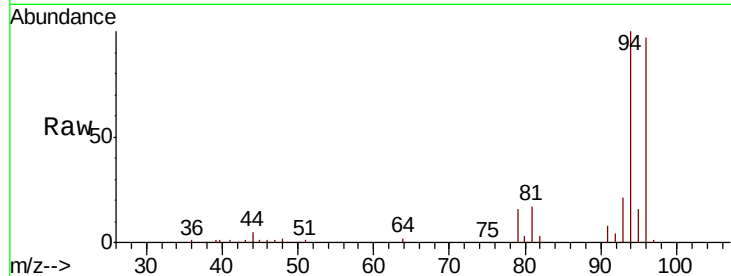
96 97.0 75.9 113.9

Manual Integrations

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#6

Chloroethane

Concen: 19.200 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX013154.D

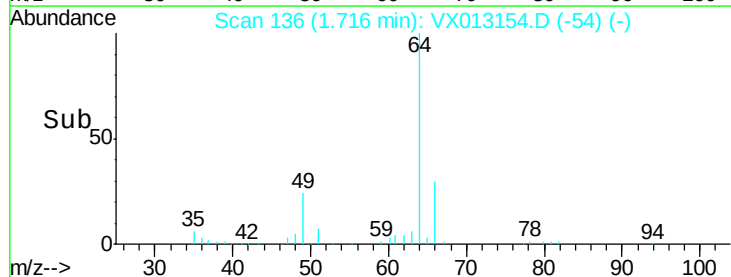
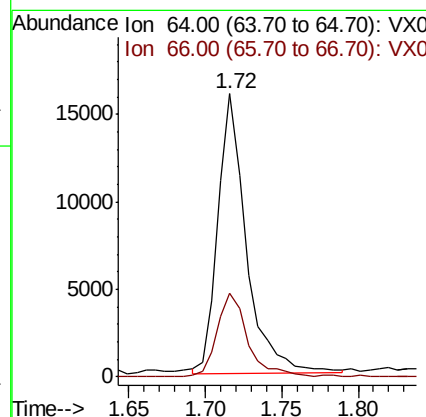
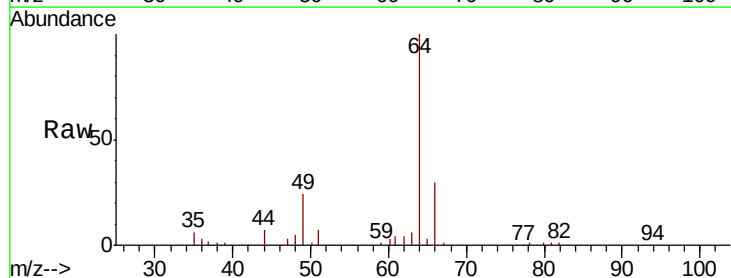
Acq: 21 Oct 2019 15:50

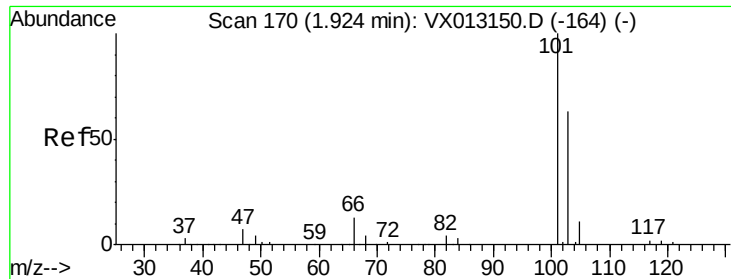
Tgt Ion: 64 Resp: 20661

Ion Ratio Lower Upper

64 100

66 29.9 25.4 38.2





#7

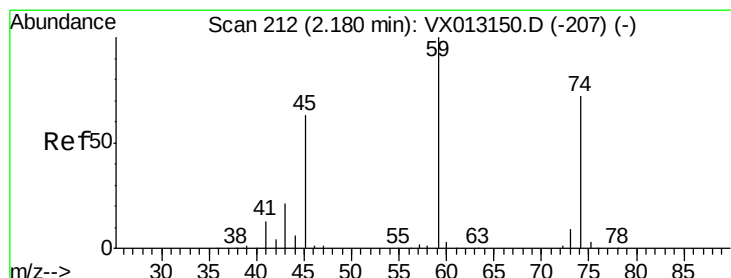
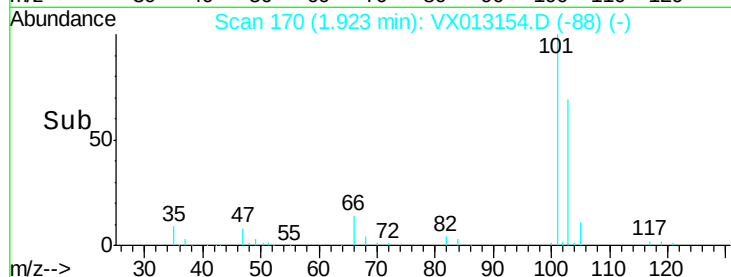
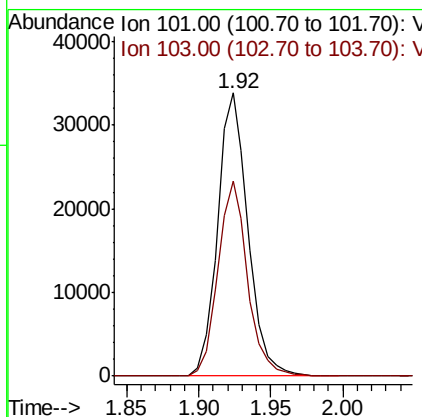
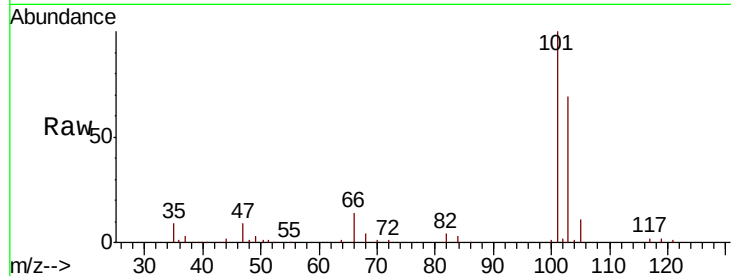
Trichlorofluoromethane
Concen: 18.443 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.7	50.2	75.4

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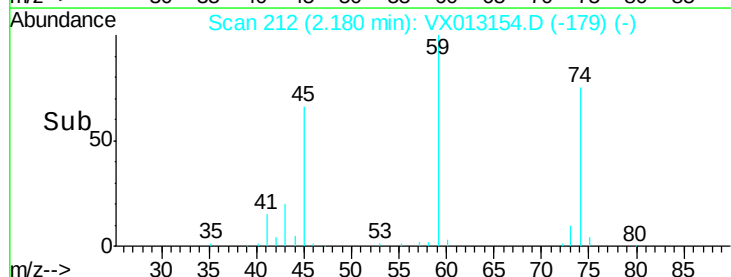
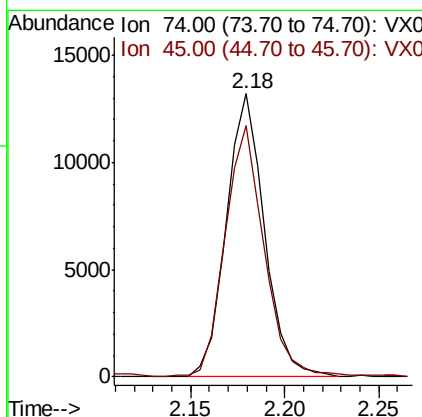
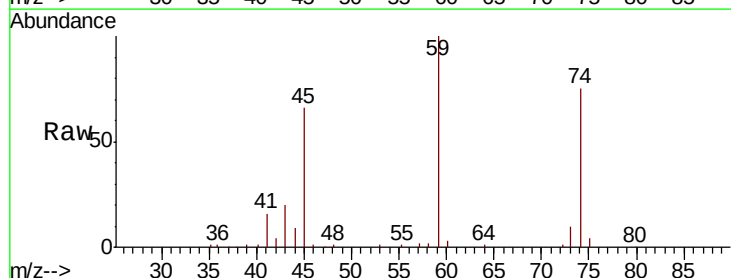
MMDadoda
10/22/2019 12:30:29 PM

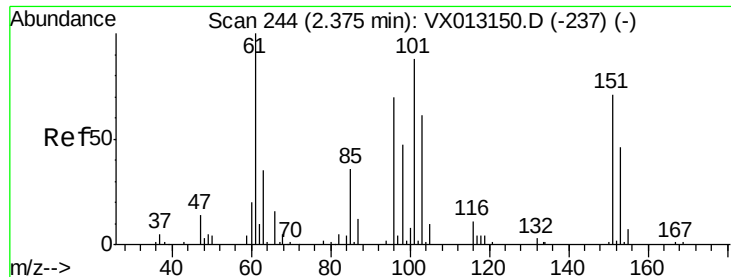


#8

Diethyl Ether
Concen: 19.978 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.3	18.4	165.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.256 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

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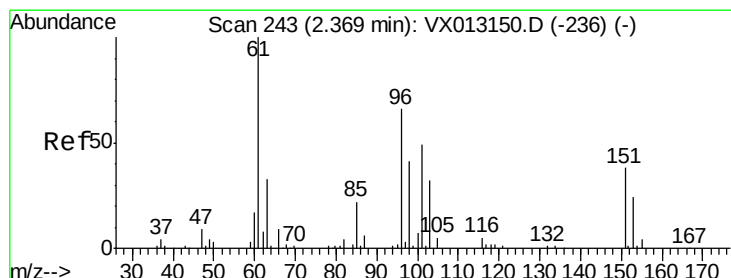
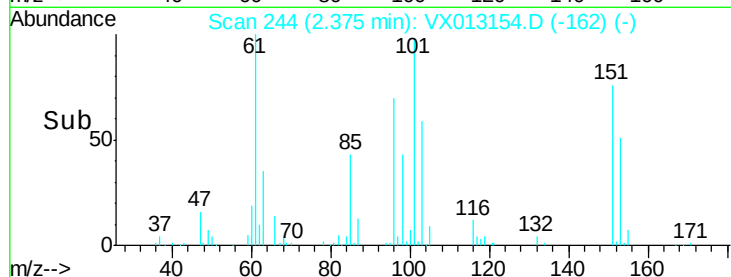
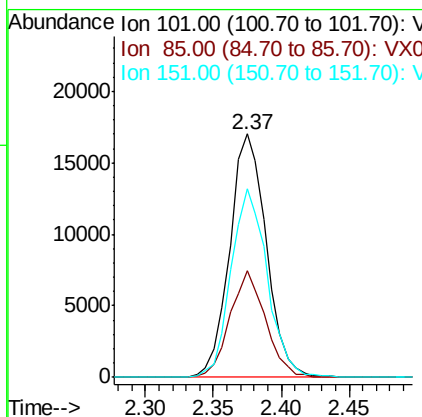
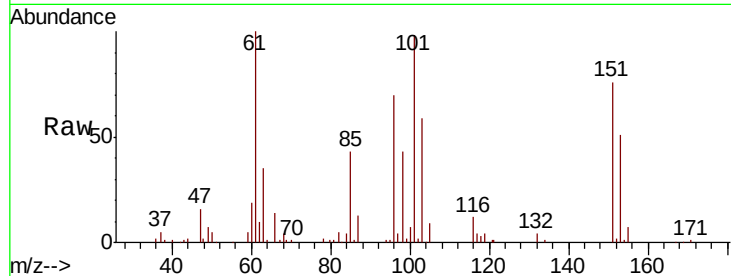
ClientSampleId :

ICVVX102119

Tot Ion:	101	Resp:	31873
Ion Ratio	Lower	Upper	
101	100		
85	42.7	0.0	87.2
151	76.4	0.0	163.0

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#10

1,1-Dichloroethene

Concen: 18.845 ug/l

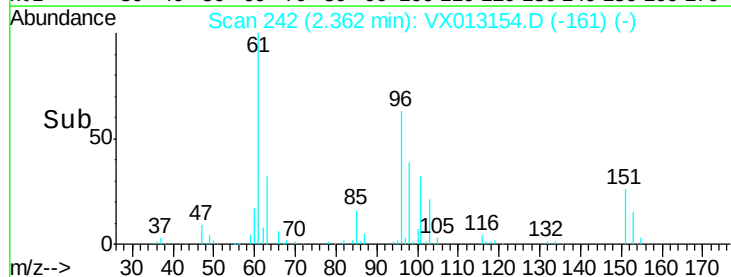
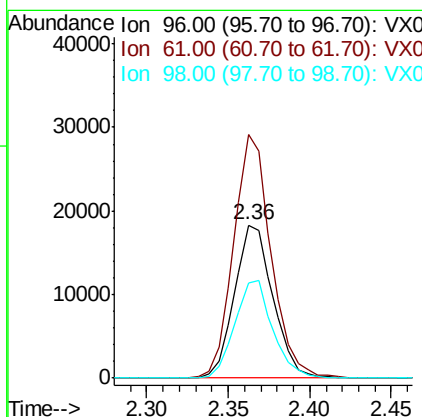
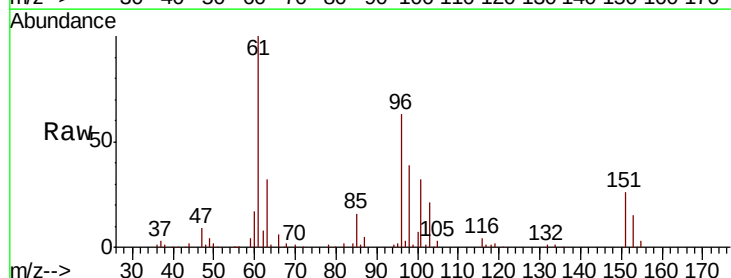
RT: 2.36 min Scan# 242

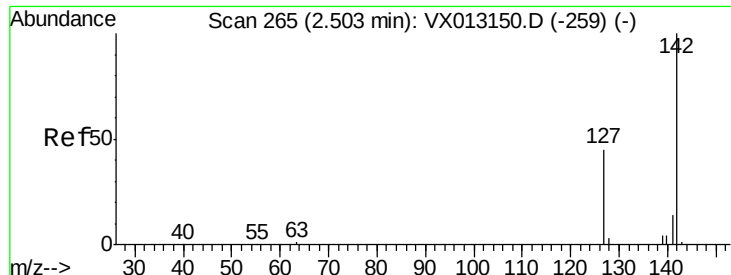
Delta R.T. -0.01 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Tgt Ion:	96	Resp:	30126
Ion Ratio	Lower	Upper	
96	100		
61	159.2	121.3	181.9
98	62.1	49.5	74.3





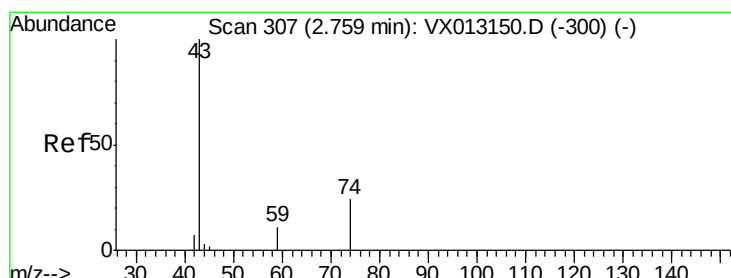
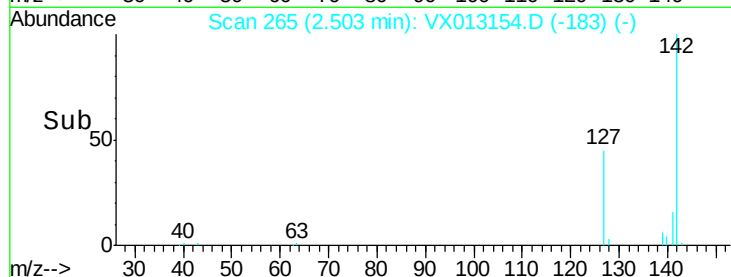
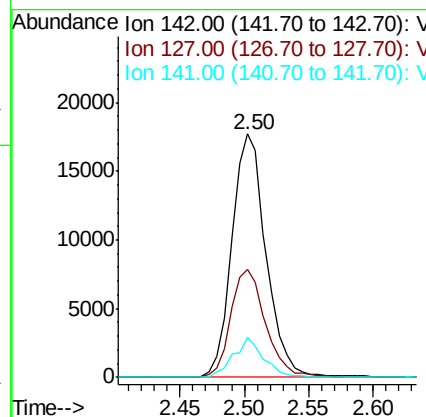
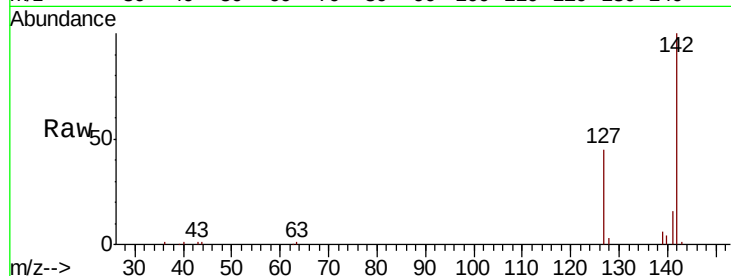
#11
Methyl Iodide
Concen: 15.889 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102119

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.6	22.3	66.9
141	16.4	7.1	21.3

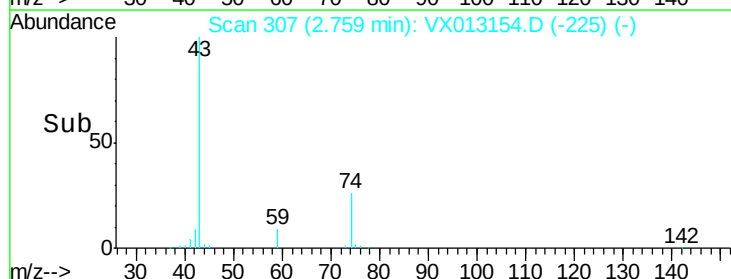
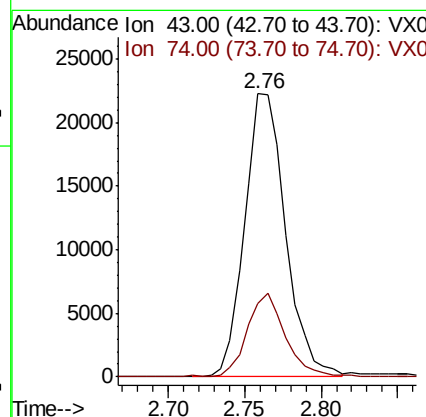
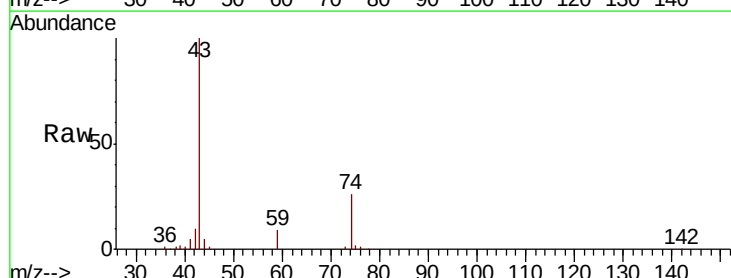
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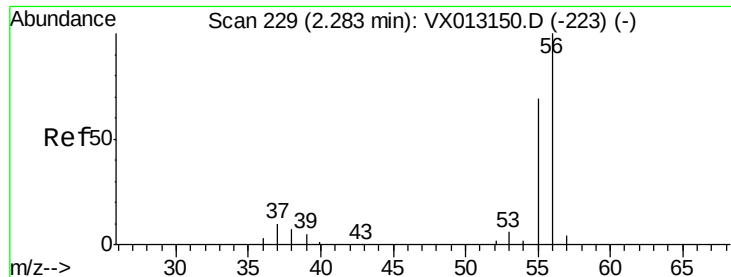
MMDadoda
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#12
Methyl Acetate
Concen: 20.017 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	19.7	29.5





#13

Acrolein

Concen: 91.725 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102119

Tot Ion: 56 Resp: 28186

Ion Ratio Lower Upper

56 100

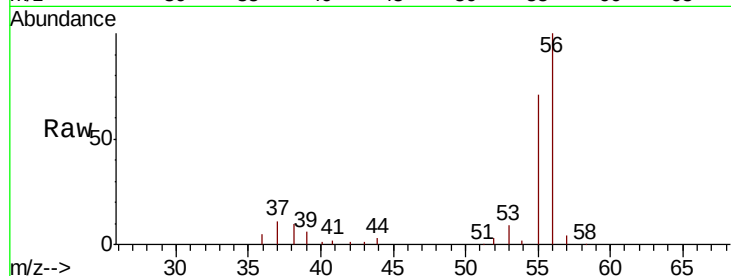
55 70.3 55.8 83.8

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

20000

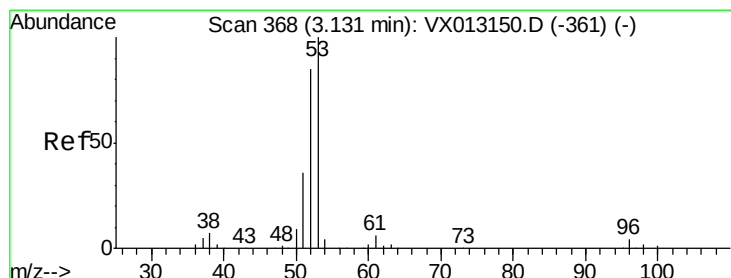
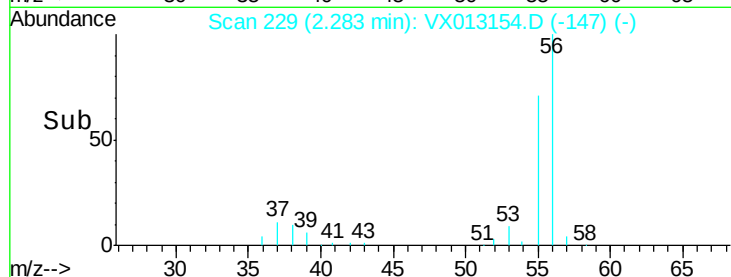
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35



#14

Acrylonitrile

Concen: 102.161 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

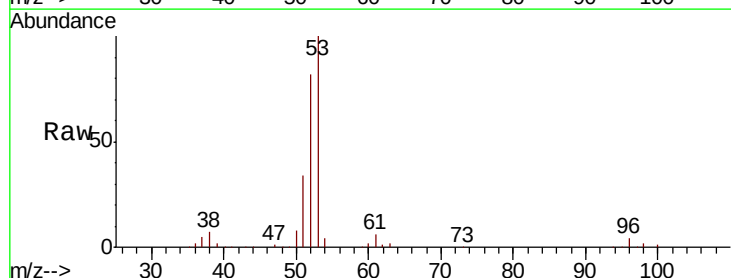
Tgt Ion: 53 Resp: 88195

Ion Ratio Lower Upper

53 100

52 81.5 42.0 126.0

51 35.4 18.6 56.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

3.13

60000

50000

40000

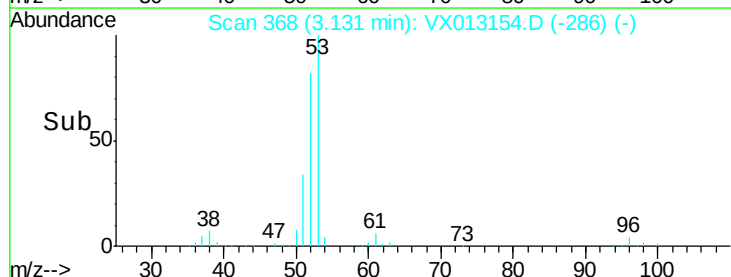
30000

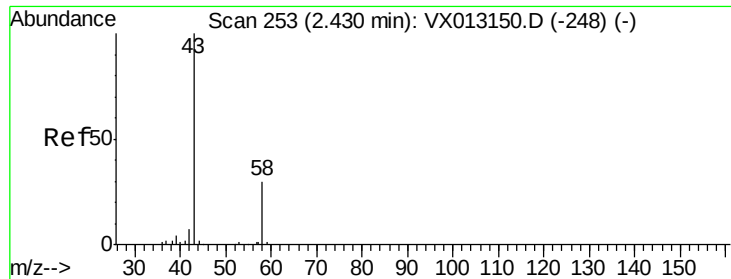
20000

10000

0

Time--> 3.05 3.10 3.15 3.20 3.25





#15

Acetone

Concen: 102.168 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102119

Tot Ion: 58 Resp: 29059

Ion Ratio Lower Upper

58 100

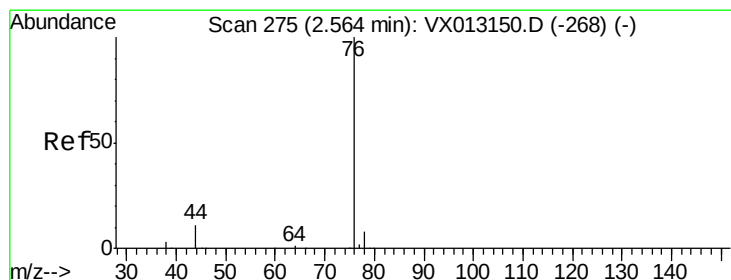
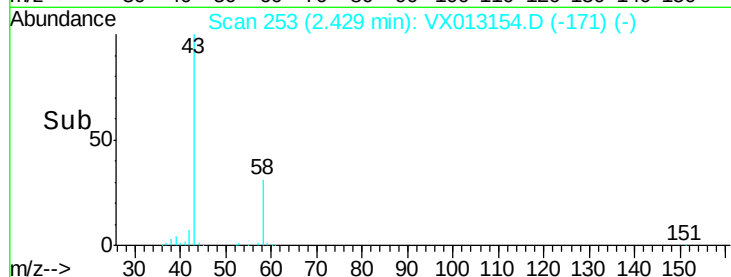
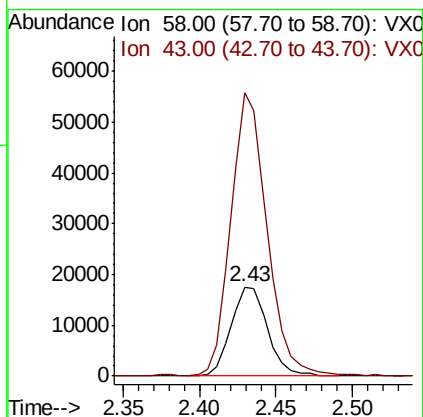
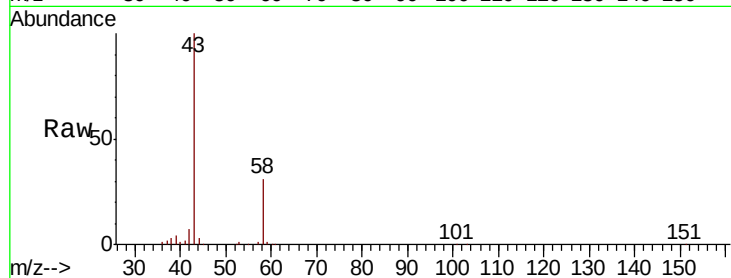
43 316.8 262.8 394.2

Manual Integrations

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#16

Carbon Disulfide

Concen: 18.644 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX013154.D

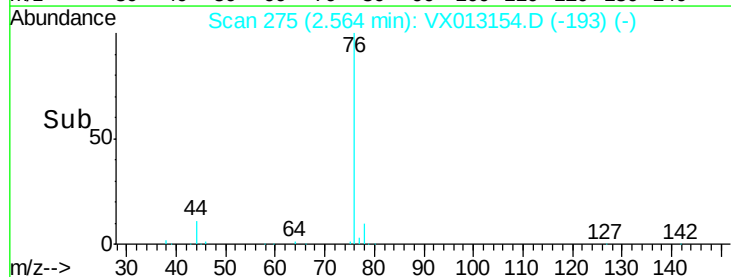
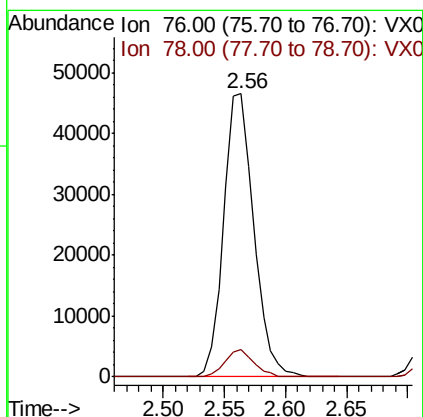
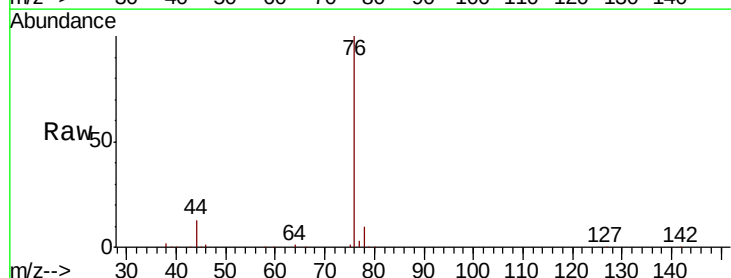
Acq: 21 Oct 2019 15:50

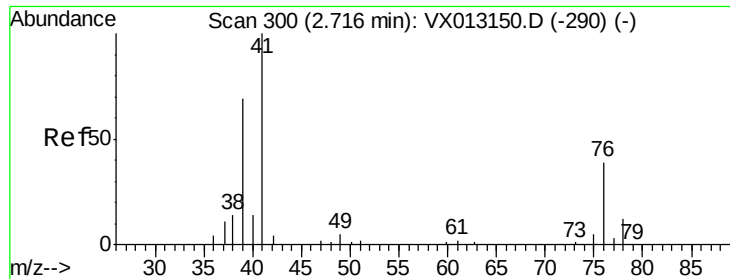
Tgt Ion: 76 Resp: 79589

Ion Ratio Lower Upper

76 100

78 9.8 6.6 10.0





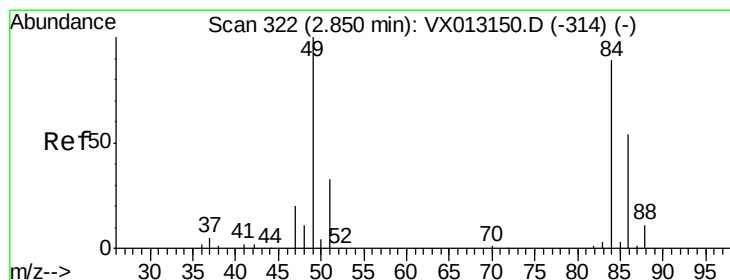
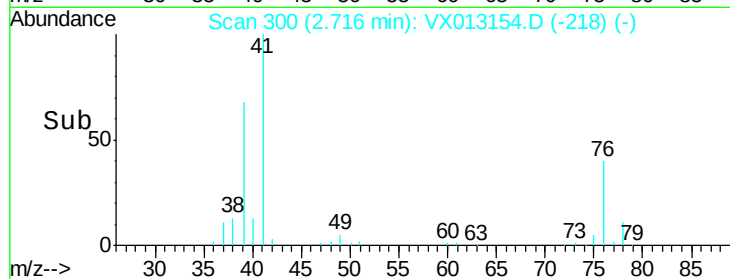
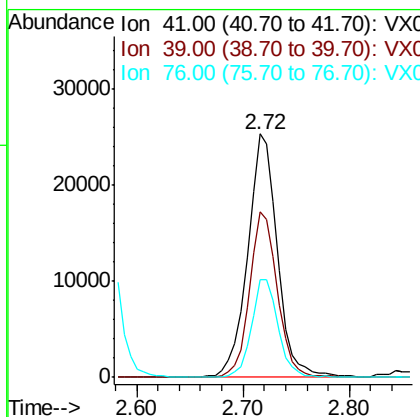
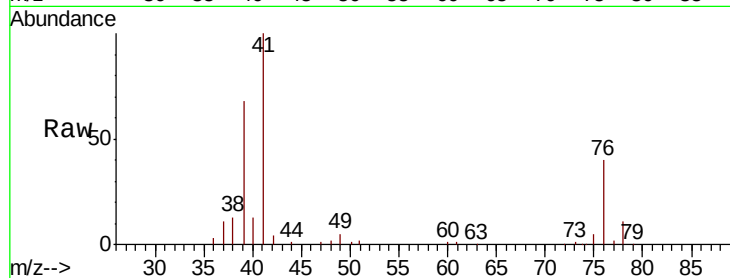
#17
Allvl chloride
Concen: 19.492 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102119

Tot Ion	Ratio	Lower	Upper
41	100		
39	68.0	34.7	104.1
76	40.1	19.7	59.0

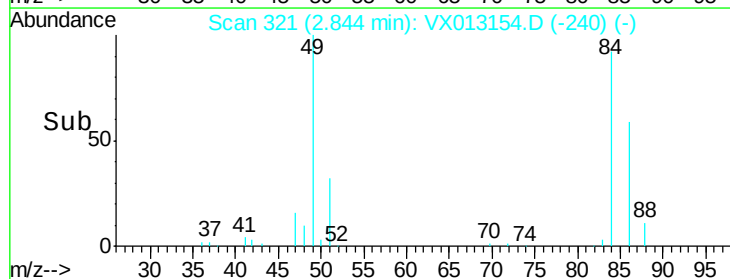
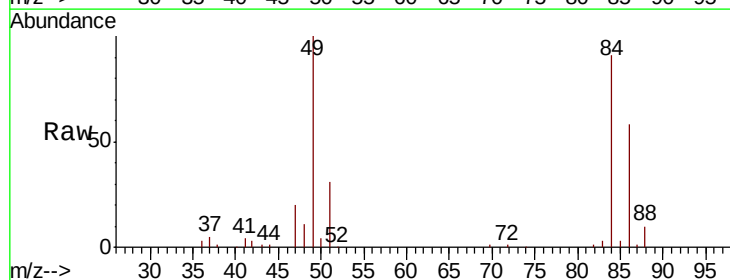
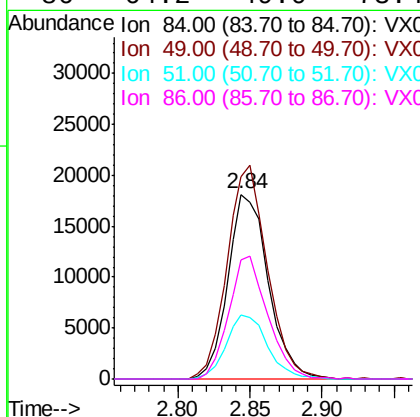
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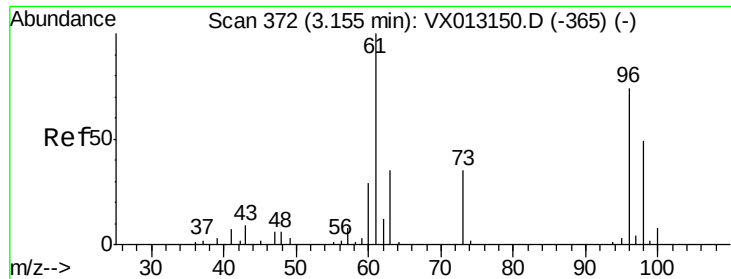
MMDadoda
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#18
Methylene Chloride
Concen: 19.257 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.8	90.3	135.5
51	34.5	29.9	44.9
86	64.2	49.0	73.4





#19

trans-1,2-Dichloroethene

Concen: 19.473 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102119

Tot Ion: 96 Resp: 33033

Ion Ratio Lower Upper

96 100

61 132.0 108.6 162.8

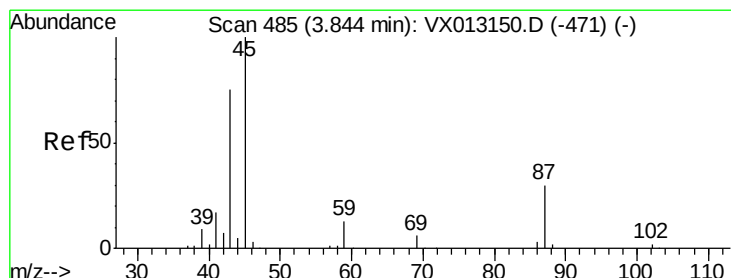
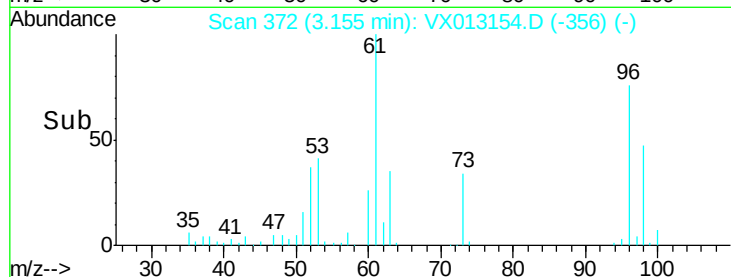
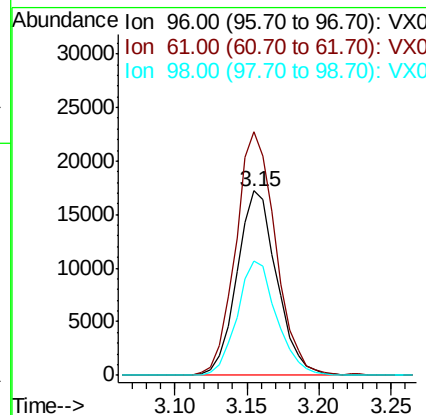
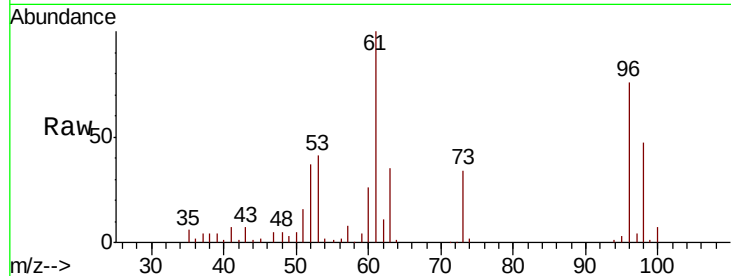
98 62.3 53.4 80.0

Manual Integrations

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#20

Diisopropyl ether

Concen: 19.599 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Tgt Ion: 45 Resp: 96387

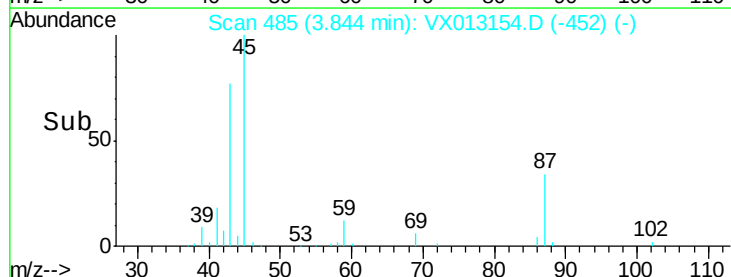
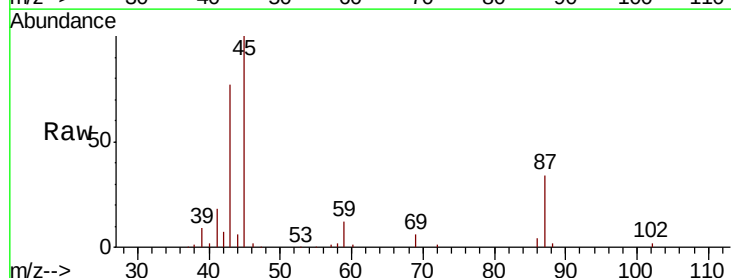
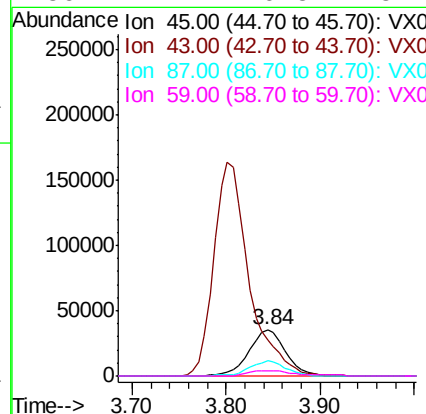
Ion Ratio Lower Upper

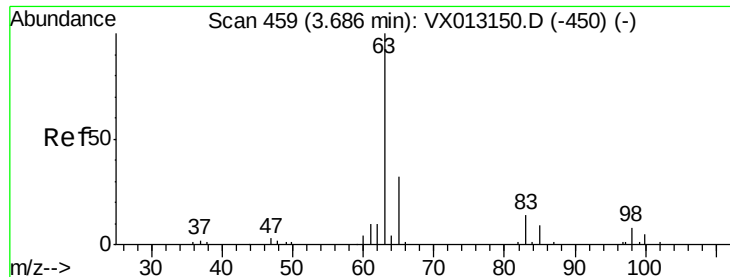
45 100

43 74.9 60.6 91.0

87 34.3 24.2 36.2

59 12.2 10.5 15.7





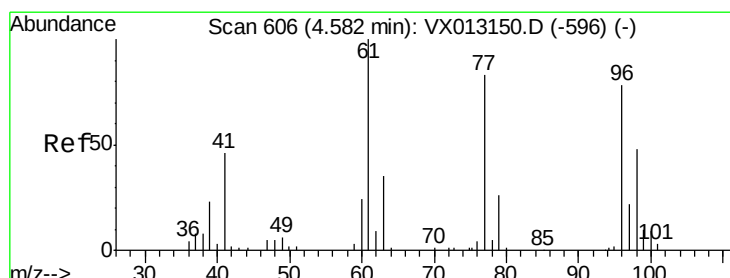
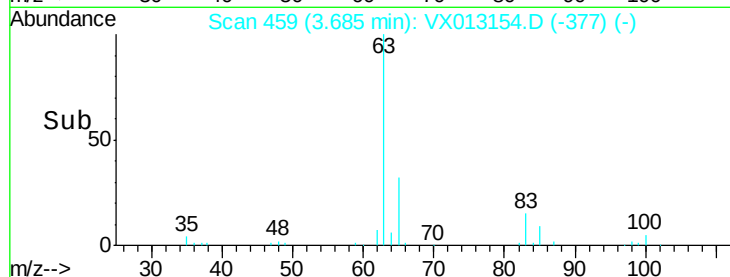
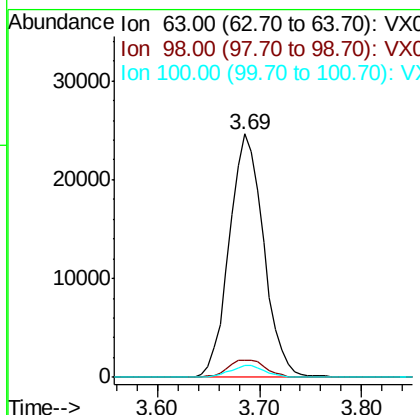
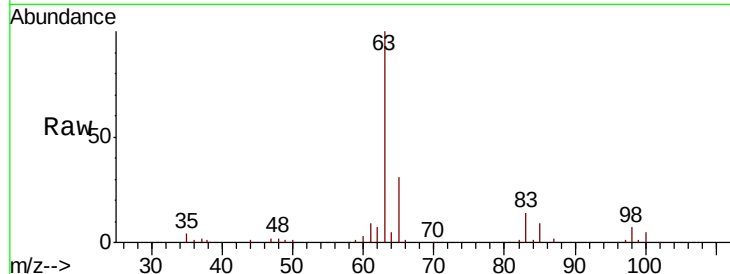
#21
 1,1-Dichloroethane
 Concen: 19.272 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013154.D
 Acq: 21 Oct 2019 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102119

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.9	4.2	12.4
100	5.1	2.4	7.2

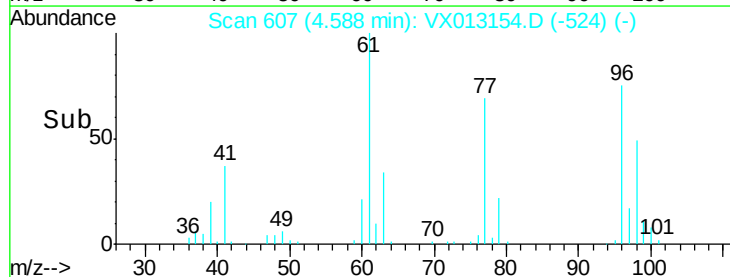
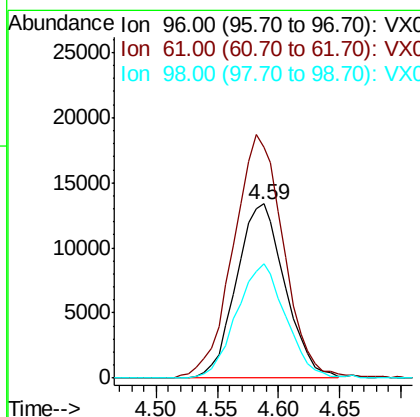
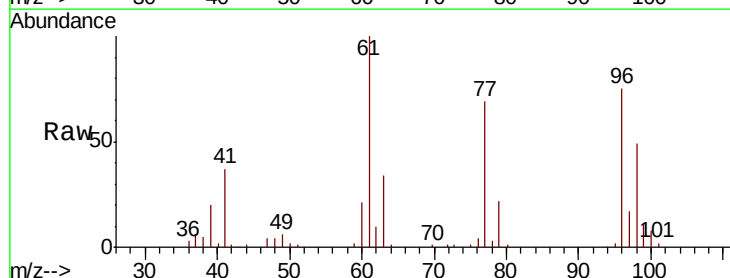
Manual Integrations
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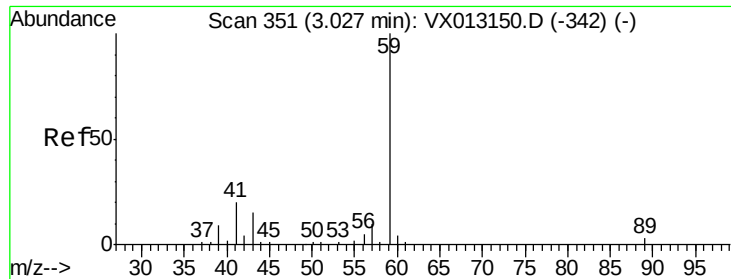
MMDadoda
 10/22/2019 12:30:29 PM



#22
 cis-1,2-Dichloroethene
 Concen: 19.097 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013154.D
 Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.8	112.5	168.7
98	66.2	51.2	76.8





#23

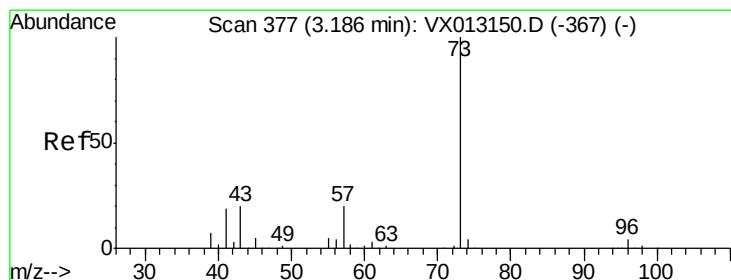
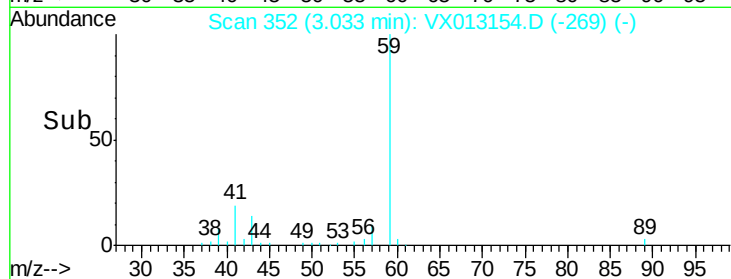
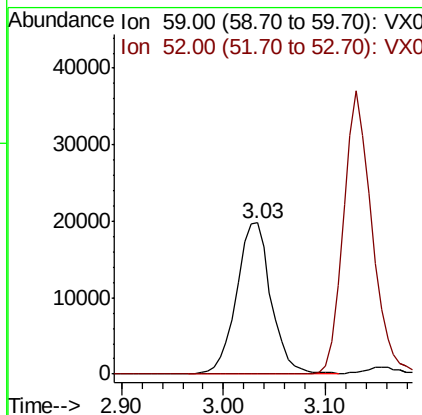
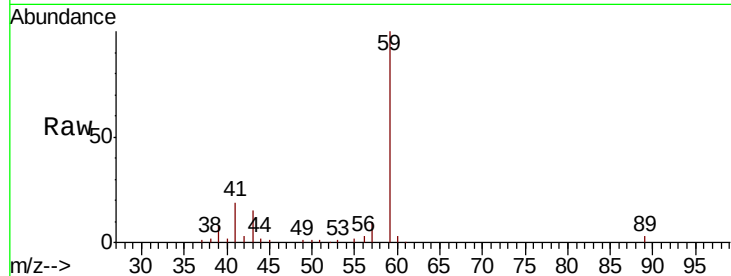
tert-Butyl Alcohol
Concen: 102.742 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102119

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.0	0.0#

Manual Integrations
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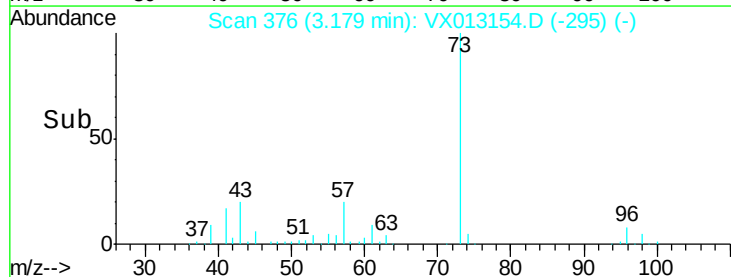
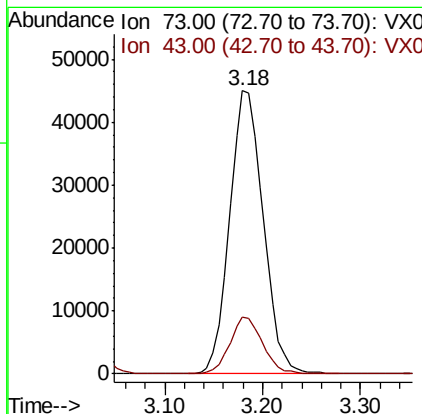
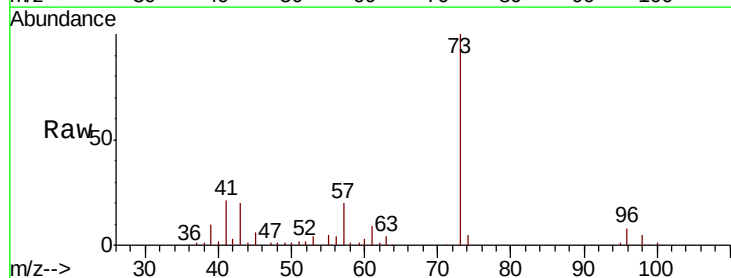
MMDadoda
10/22/2019 12:30:29 PM

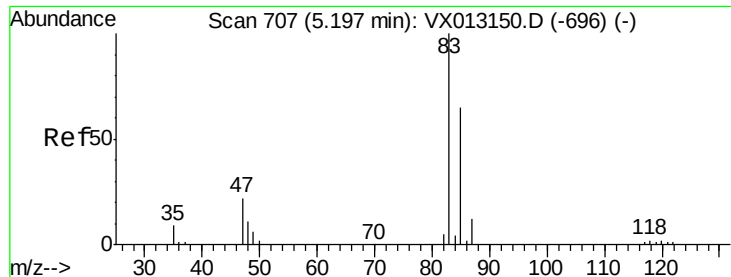


#24

Methyl tert-Butyl Ether
Concen: 19.407 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
73	100		
43	19.8	17.1	25.7





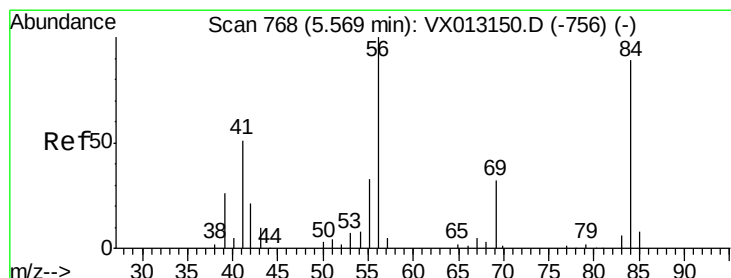
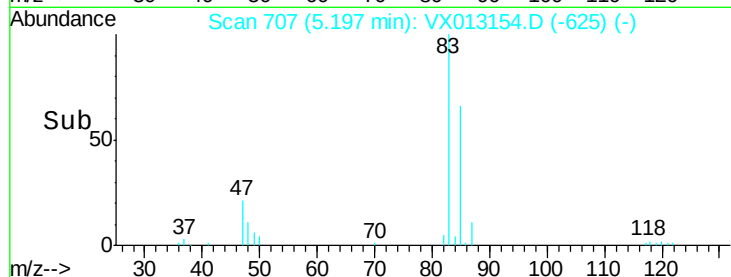
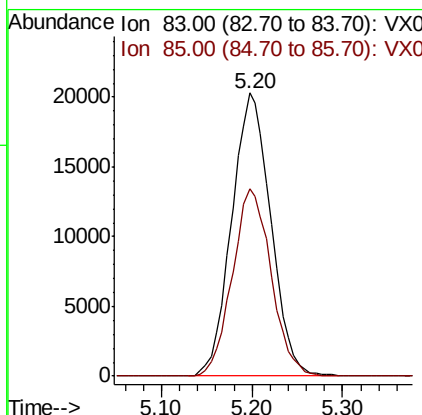
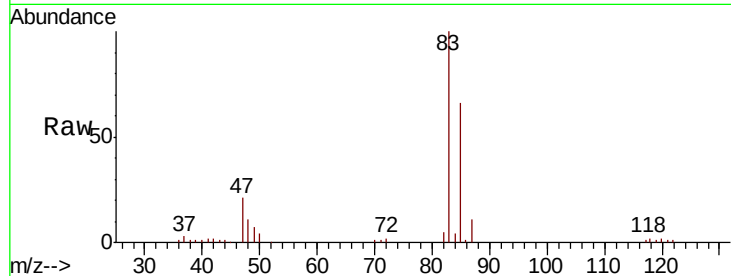
#25
Chloroform
Concen: 19.298 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102119

Tot Ion	83	Resp	60556
Ion Ratio	100	Lower	Upper
83	100		
85	66.3	52.0	78.0

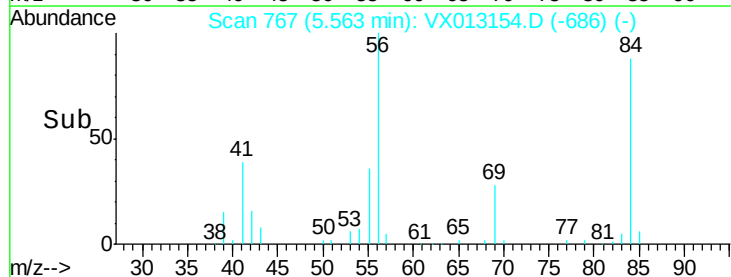
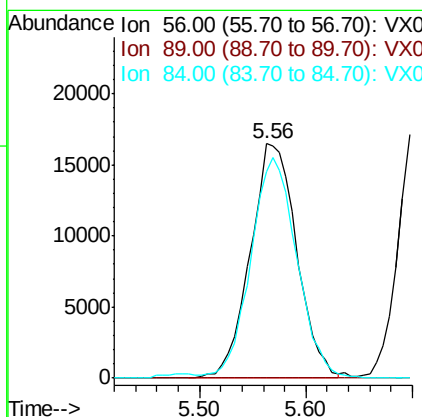
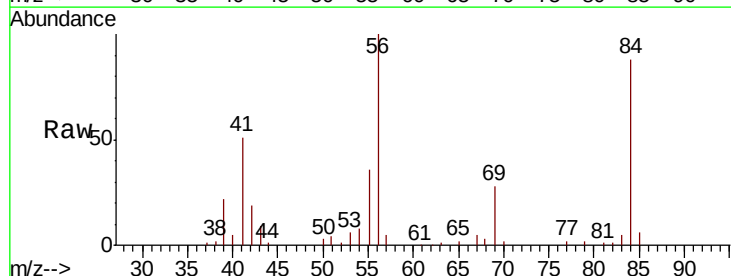
Manual Integrations
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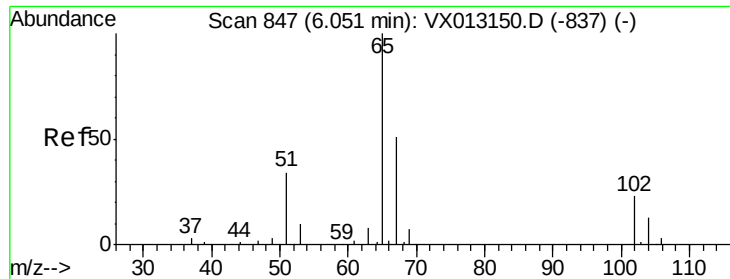
MMDadoda
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#26
Cyclohexane
Concen: 19.145 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Tgt Ion	56	Resp	50163
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.2	0.2#
84	93.6	74.0	111.0





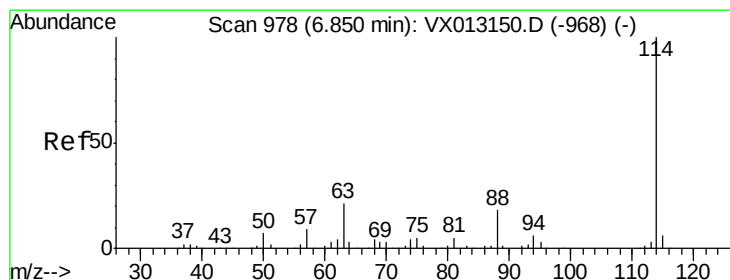
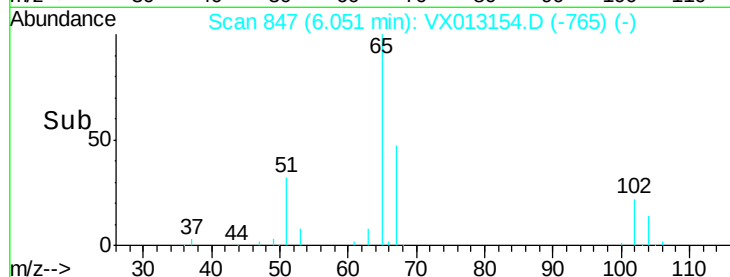
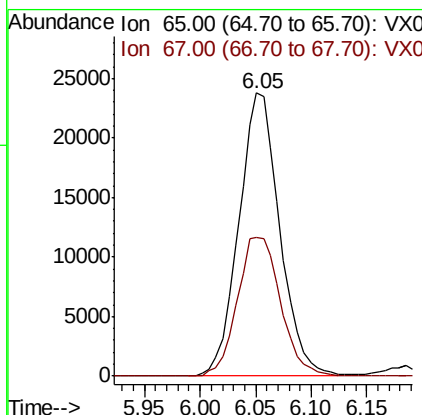
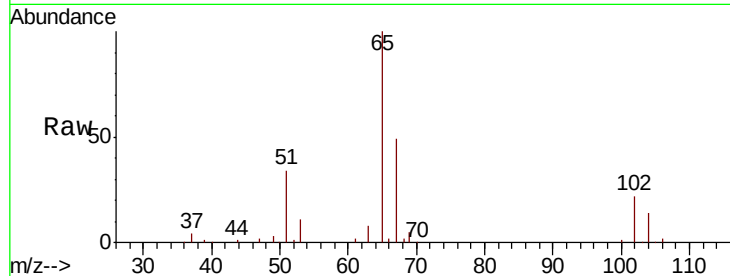
#27
 1,2-Dichloroethane-d4
 Concen: 29.590 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013154.D
 Acq: 21 Oct 2019 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102119

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	42.2	63.4

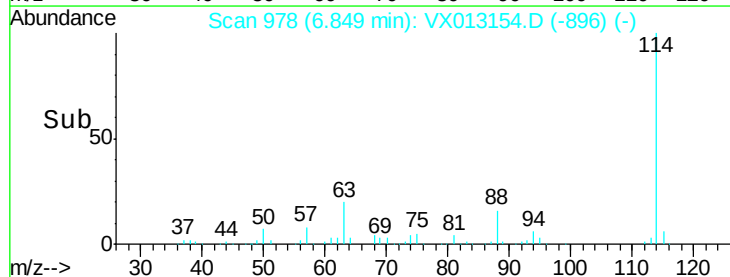
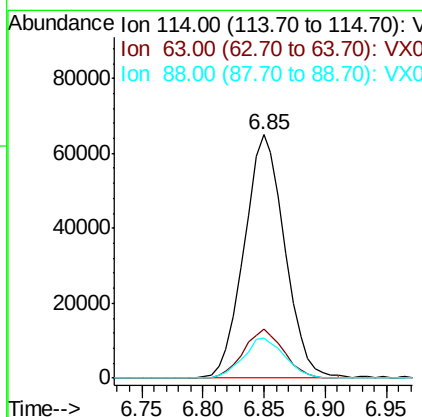
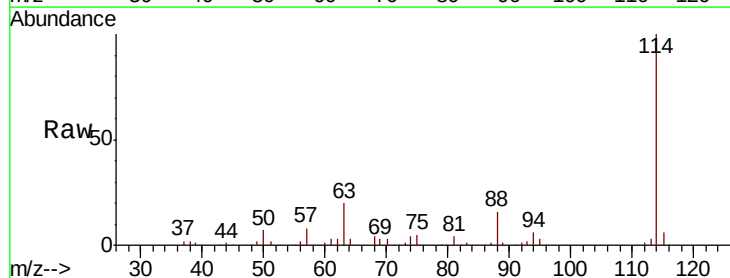
Manual Integrations
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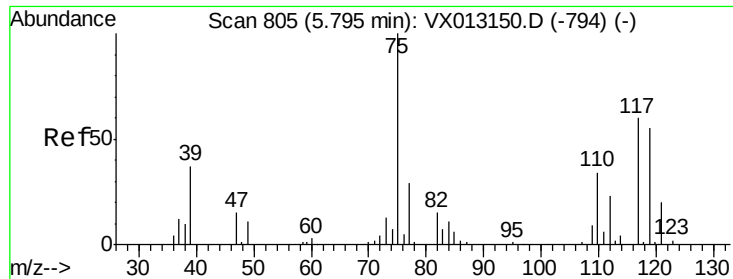
MMDadoda
 10/22/2019 12:30:29 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013154.D
 Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.1	24.1
88	16.8	13.7	20.5





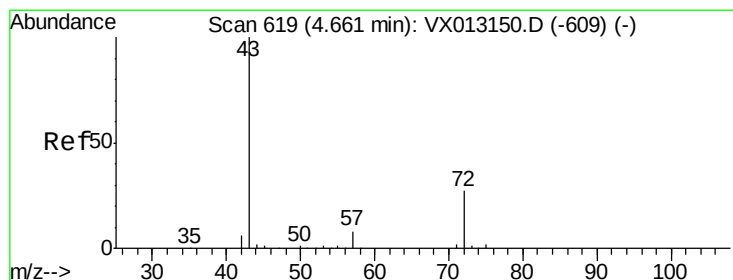
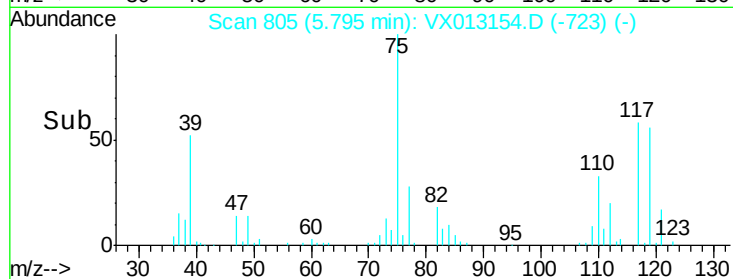
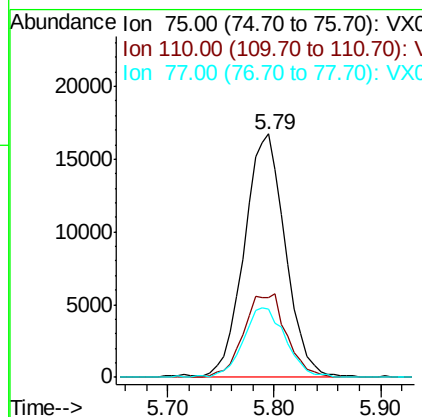
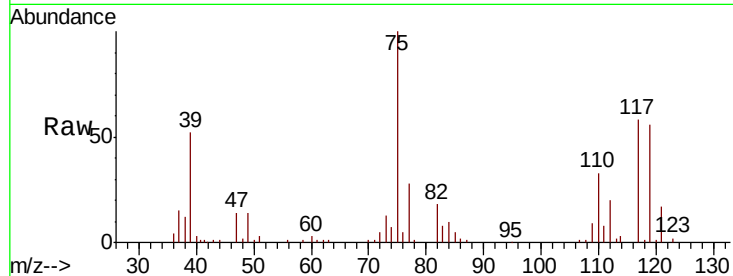
#29
 1,1-Dichloropropene
 Concen: 19.429 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX013154.D
 Acq: 21 Oct 2019 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102119

Tot Ion	Ratio	Lower	Upper
75	100		
110	22.2	0.0	68.4
77	29.6	0.0	30.8

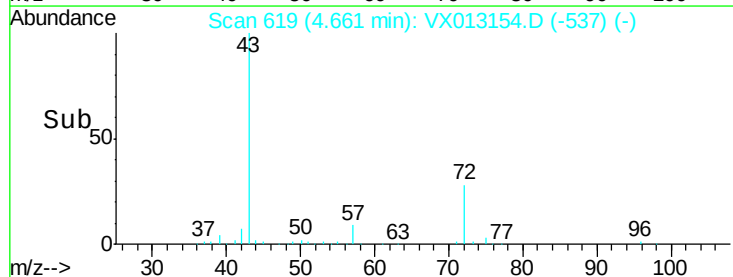
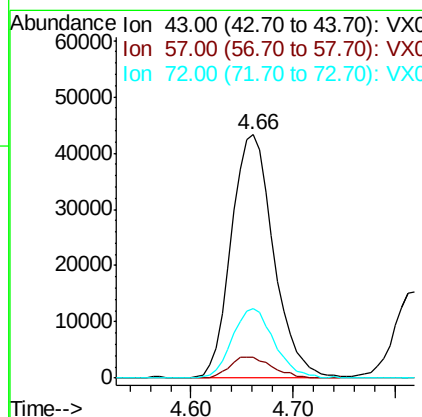
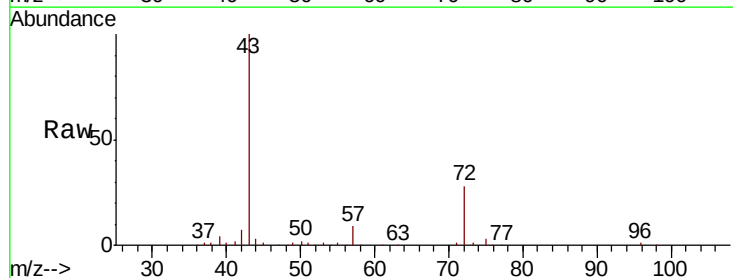
Manual Integrations
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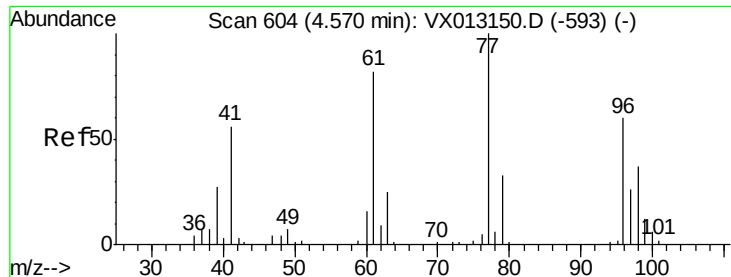
MMDadoda
 10/22/2019 12:30:29 PM



#30
 2-Butanone
 Concen: 101.661 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: VX013154.D
 Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.7	7.0	10.6
72	28.3	23.4	35.2





#31

2,2-Dichloropropane

Concen: 19.035 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102119

Tot Ion: 77 Resp: 51244

Ion Ratio Lower Upper

77 100

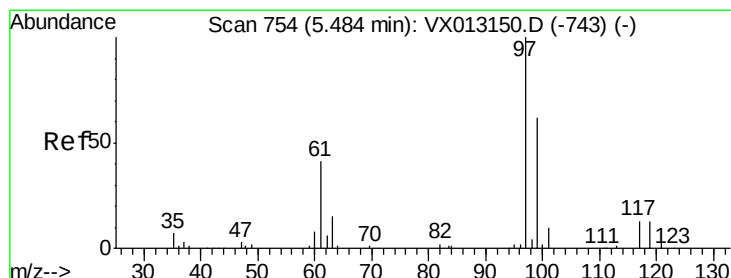
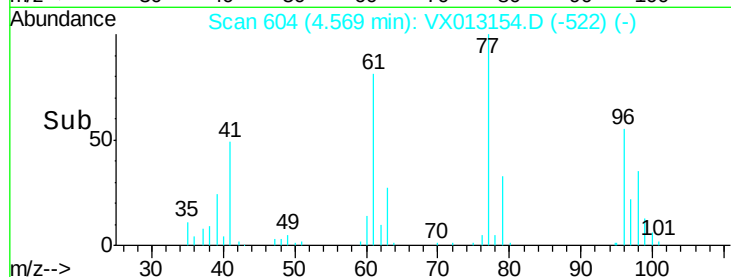
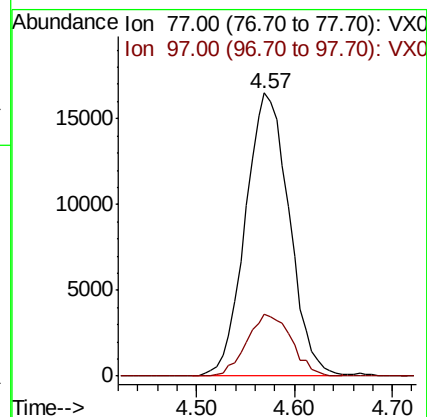
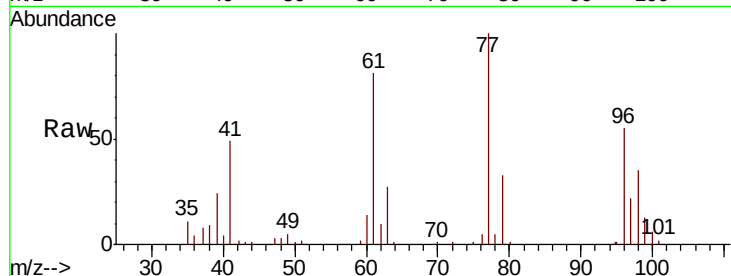
97 22.3 19.1 28.7

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.036 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

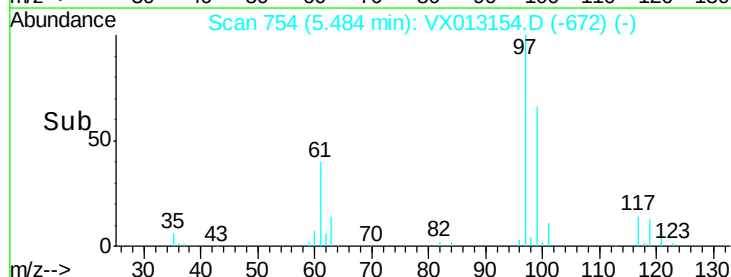
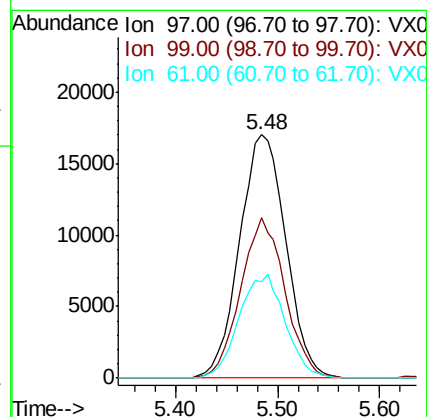
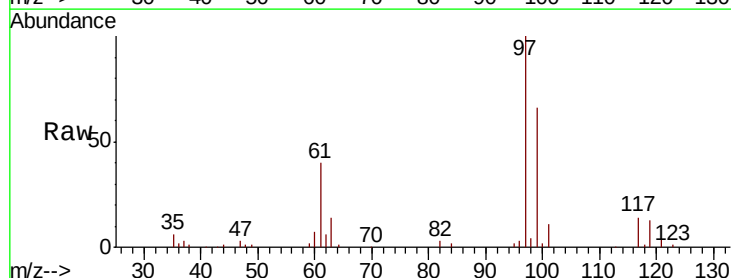
Tgt Ion: 97 Resp: 53638

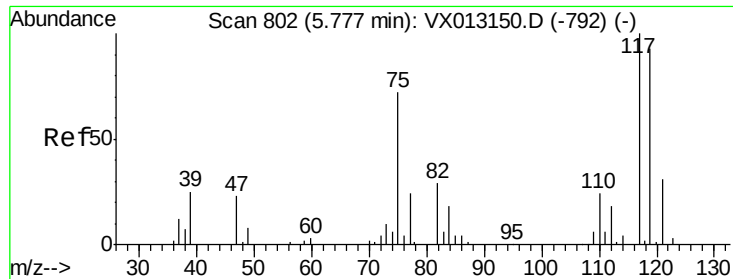
Ion Ratio Lower Upper

97 100

99 62.9 51.8 77.8

61 42.4 33.5 50.3





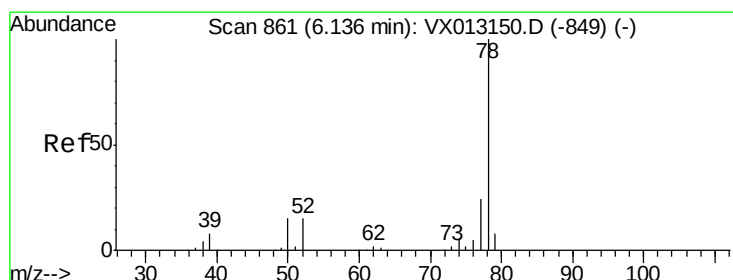
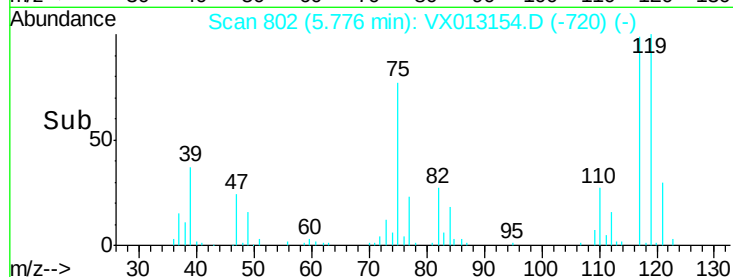
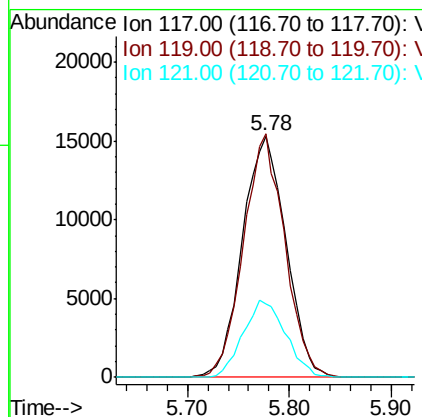
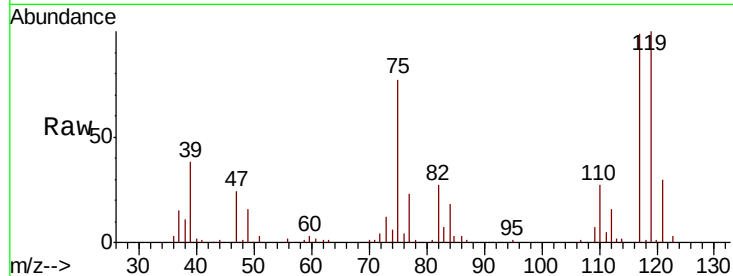
#33
Carbon Tetrachloride
Concen: 18.727 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102119

Tot Ion	Ratio	Lower	Upper
117	100		
119	100.9	74.9	112.3
121	30.3	25.0	37.4

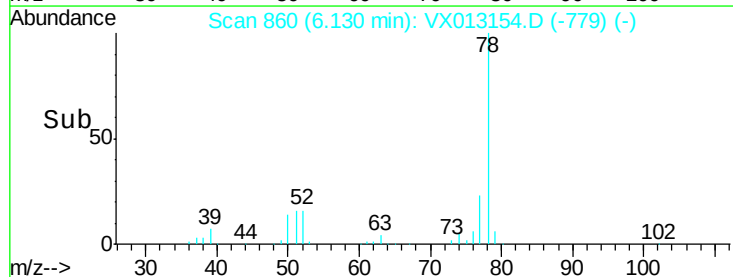
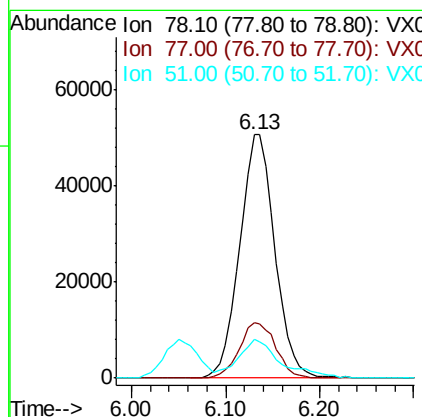
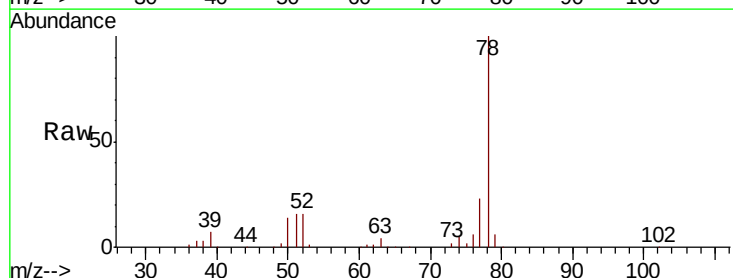
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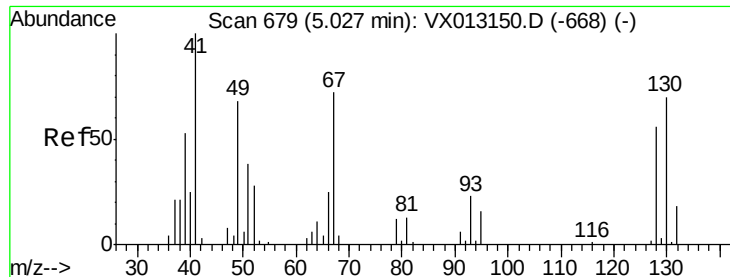
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#34
Benzene
Concen: 19.731 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.3	28.9
51	15.4	11.4	17.2





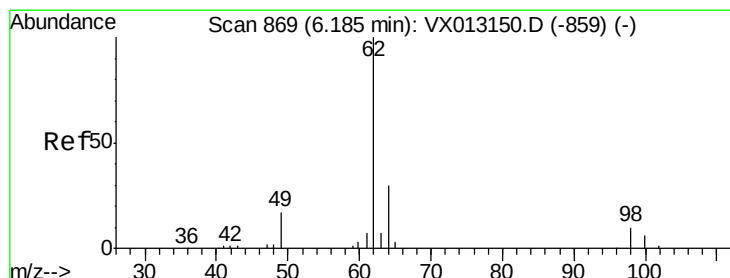
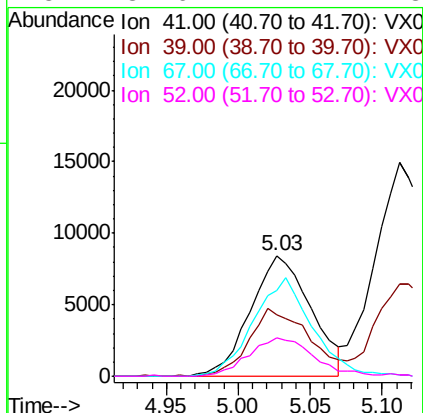
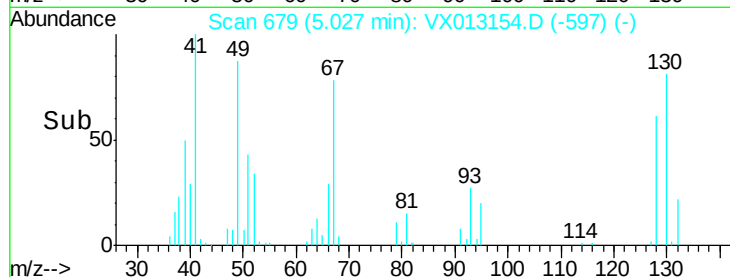
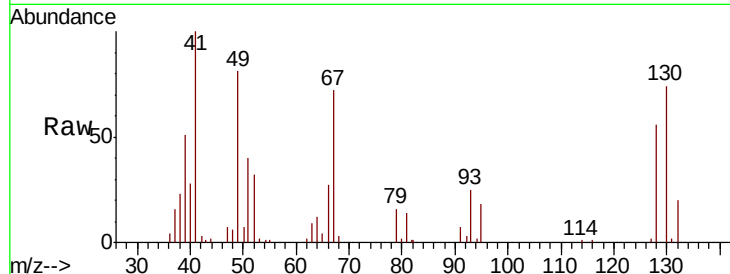
#35
Methacrylonitrile
Concen: 19.540 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102119

Tot Ion	41	Resp:	24476
Ion	Ratio	Lower	Upper
41	100		
39	50.8	26.3	78.9
67	71.6	35.8	107.4
52	31.6	14.1	42.3

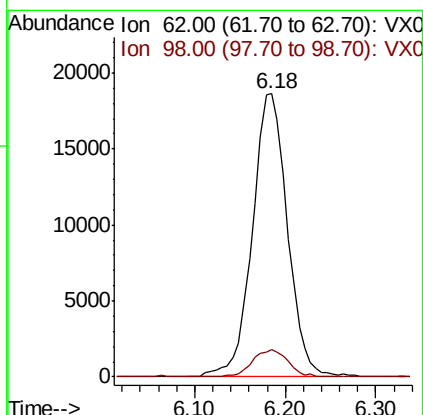
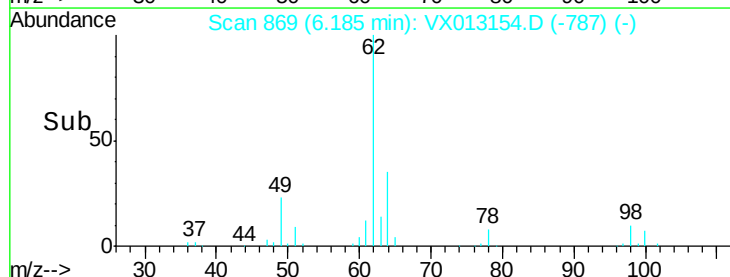
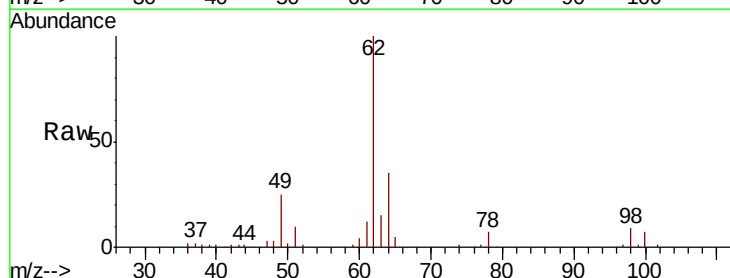
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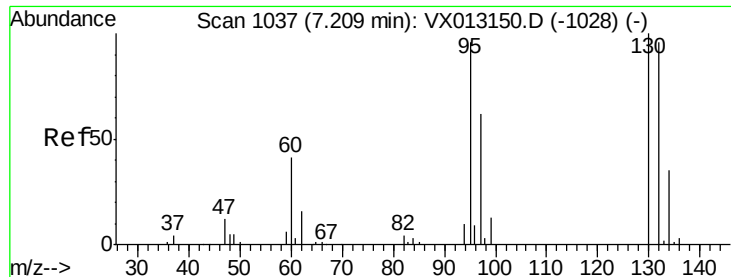
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#36
1,2-Dichloroethane
Concen: 19.635 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Tgt Ion	62	Resp:	49755
Ion	Ratio	Lower	Upper
62	100		
98	9.7	8.0	12.0





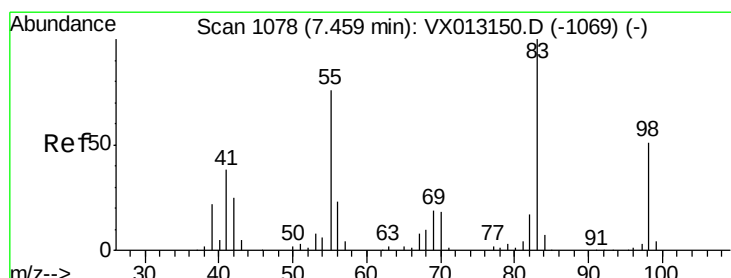
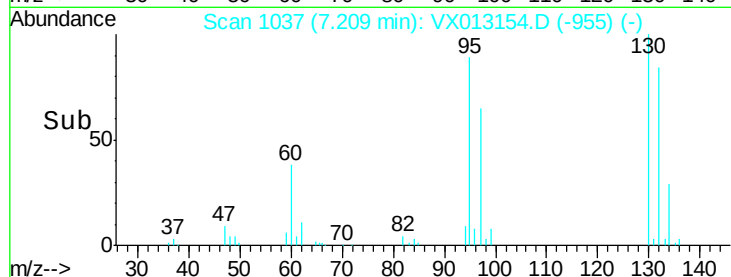
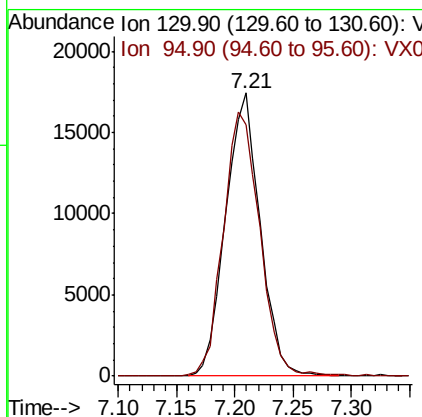
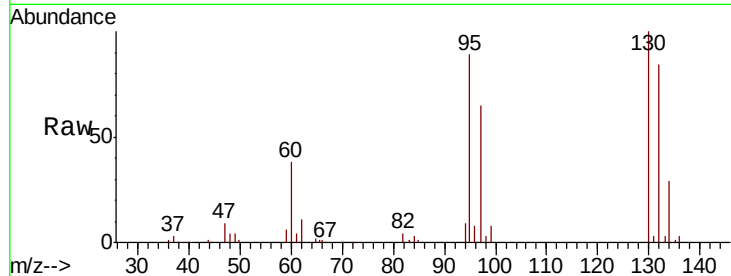
#37
 Trichloroethene
 Concen: 19.367 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX013154.D
 Acq: 21 Oct 2019 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102119

Tot Ion:130 Resp: 36011
 Ion Ratio Lower Upper
 130 100
 95 88.1 77.0 115.6

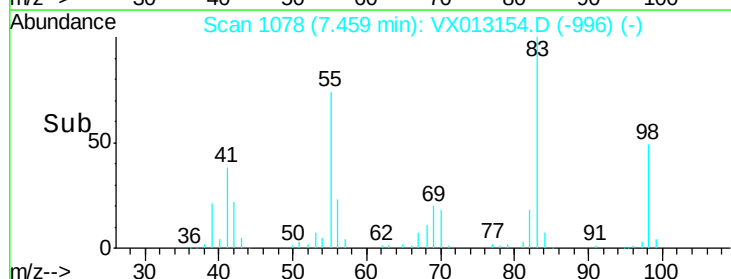
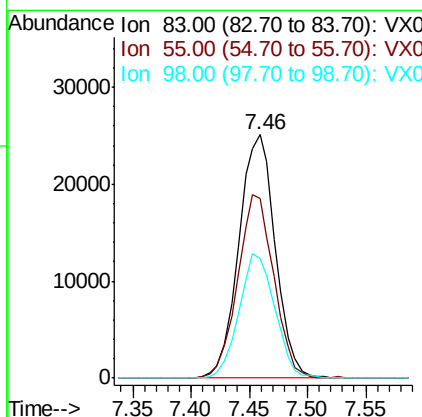
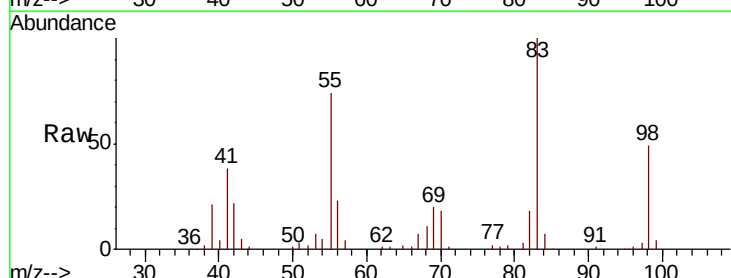
Manual Integrations
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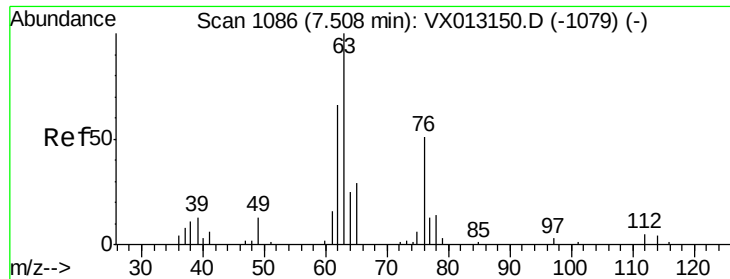
MMDadoda
 10/22/2019 12:30:29 PM



#38
 Methylcyclohexane
 Concen: 19.261 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX013154.D
 Acq: 21 Oct 2019 15:50

Tgt Ion: 83 Resp: 54696
 Ion Ratio Lower Upper
 83 100
 55 74.7 37.5 112.5
 98 50.4 25.4 76.0





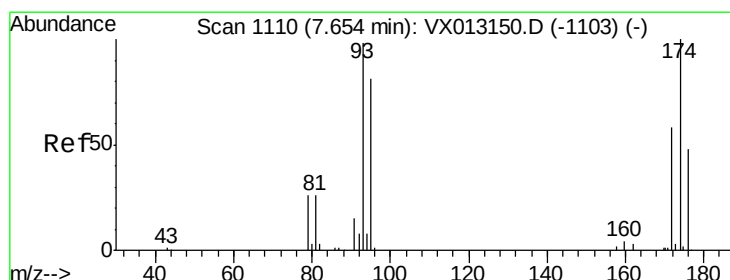
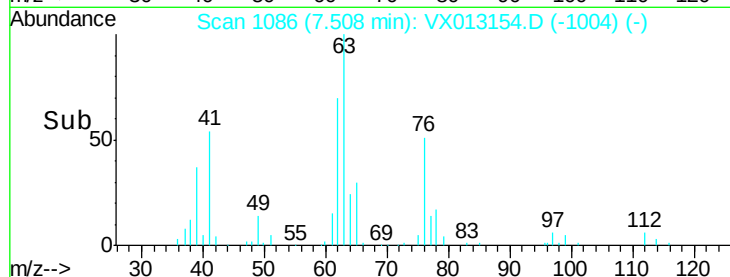
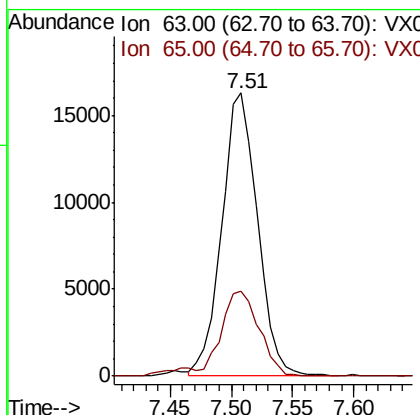
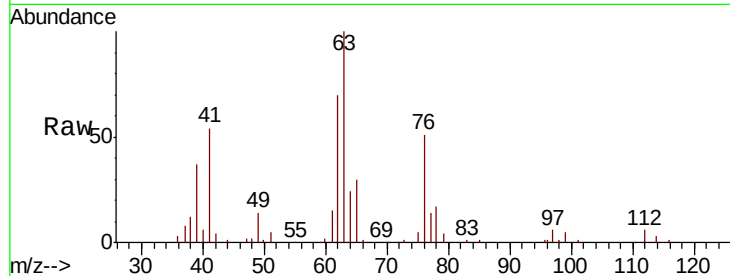
#39
 1,2-Dichloropropane
 Concen: 20.000 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013154.D
 Acq: 21 Oct 2019 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102119

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.8	37.2

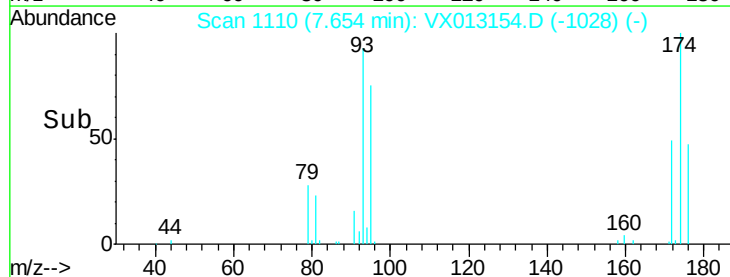
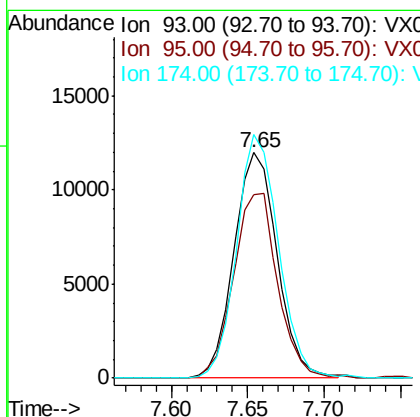
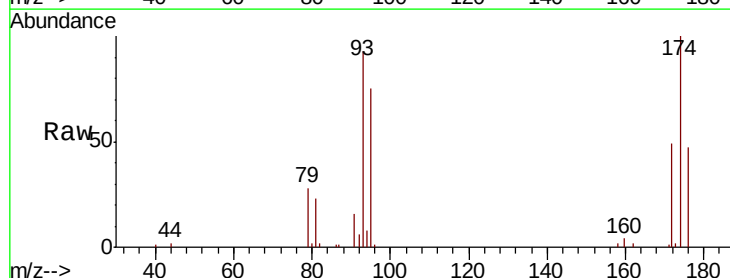
Manual Integrations
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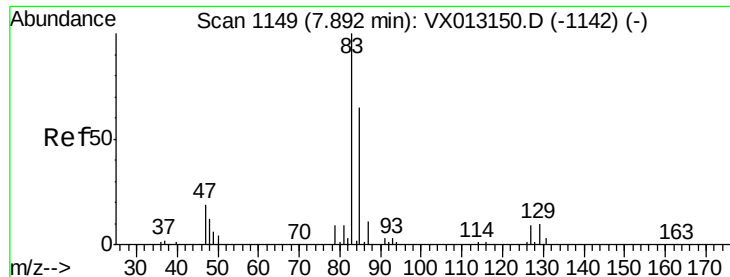
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#40
 Dibromomethane
 Concen: 19.979 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013154.D
 Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	0.0	166.0
174	104.7	0.0	208.8





#41

Bromodichloromethane

Concen: 19.325 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Instrument :

MSVOA_X

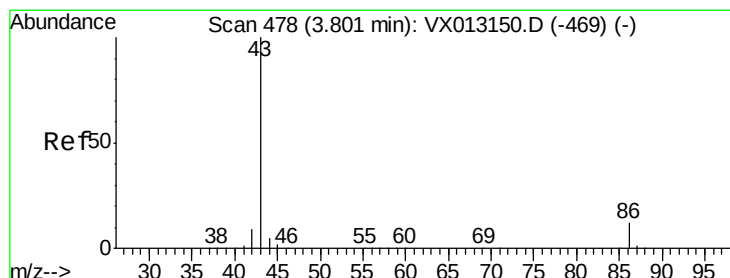
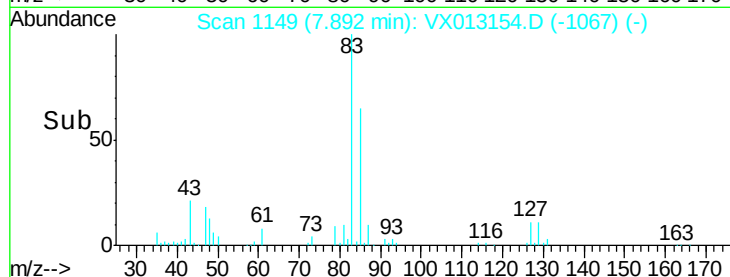
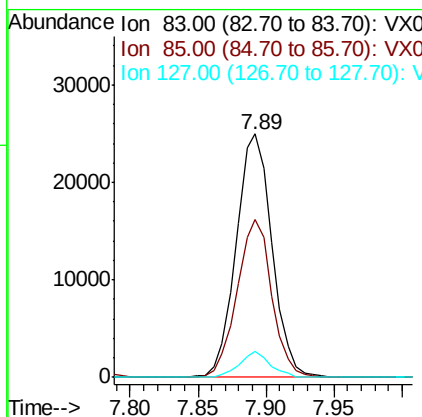
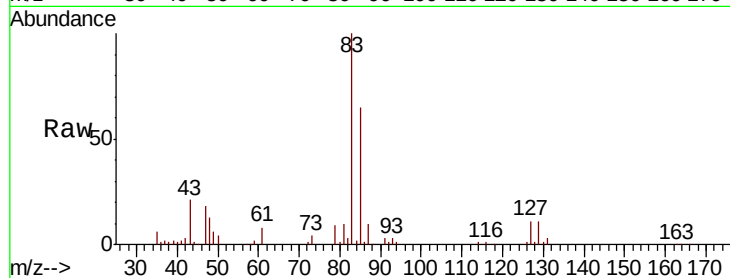
ClientSampleId :

ICVVX102119

Tot Ion:	83	Resp:	45795
Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.1	78.1
127	10.7	7.5	11.3

Manual Integrations
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#42

Vinyl Acetate

Concen: 100.456 ug/l

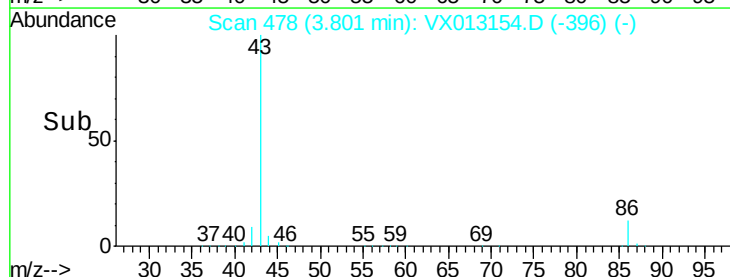
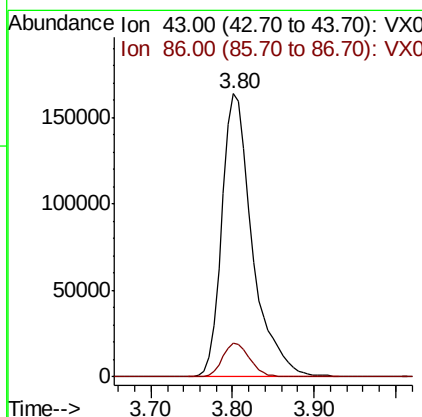
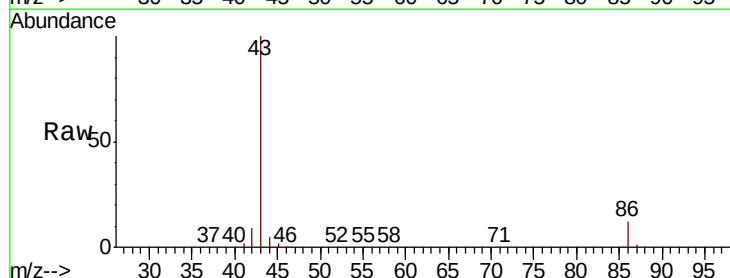
RT: 3.80 min Scan# 478

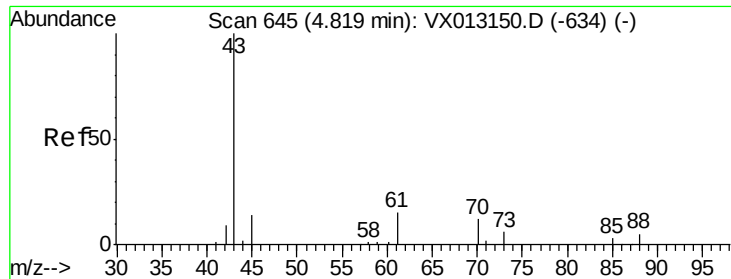
Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Tgt Ion:	43	Resp:	425486
Ion	Ratio	Lower	Upper
43	100		
86	10.7	8.6	12.8





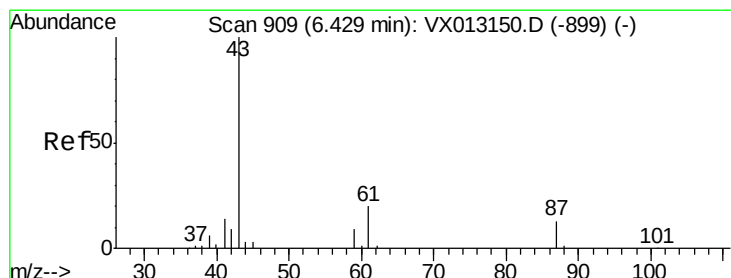
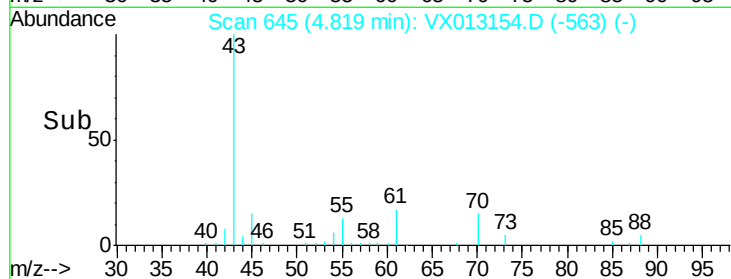
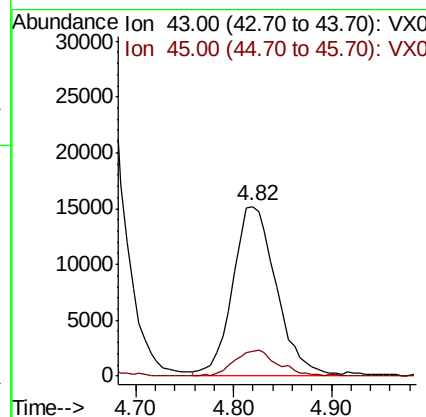
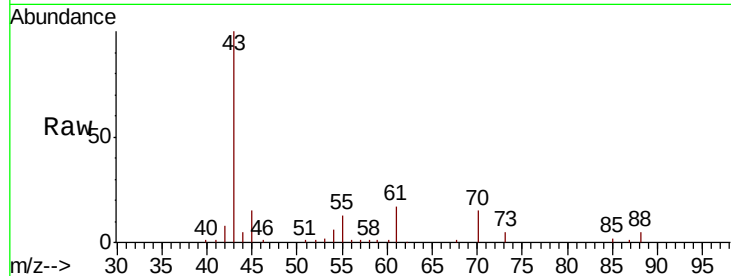
#43
Ethyl Acetate
Concen: 20.994 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
ICVX102119

Tot Ion: 43 Resp: 46769
Ion Ratio Lower Upper
43 100
45 15.3 12.6 18.8

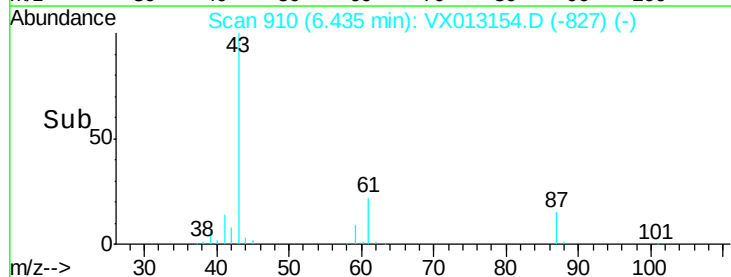
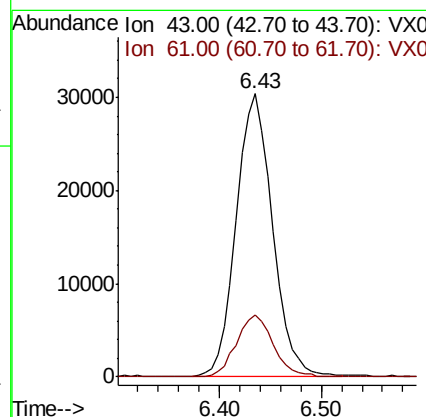
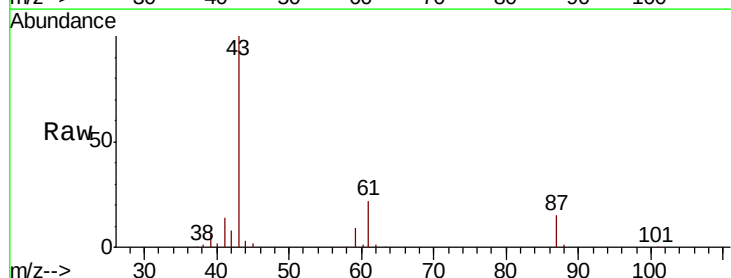
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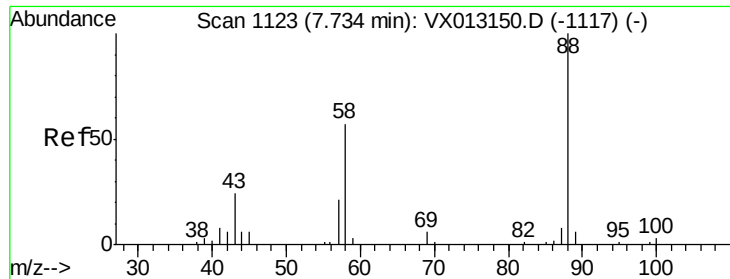
MMDadoda
10/22/2019 12:30:29 PM



#44
Isopropyl Acetate
Concen: 20.056 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.01 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Tgt Ion: 43 Resp: 75092
Ion Ratio Lower Upper
43 100
61 22.0 16.8 25.2





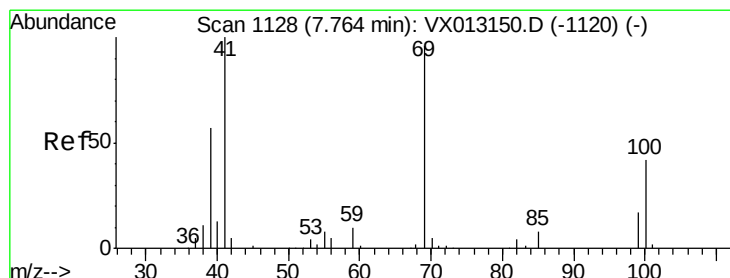
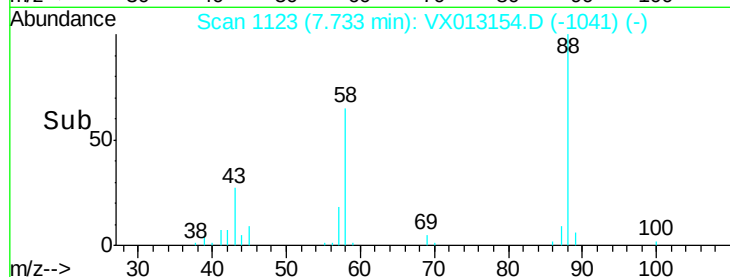
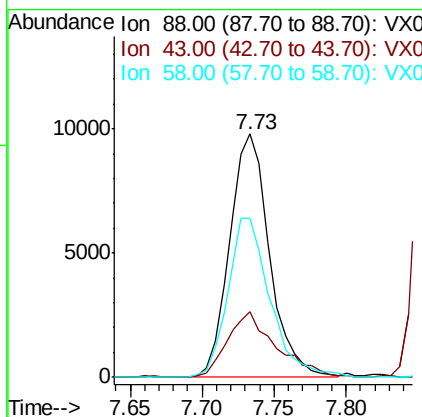
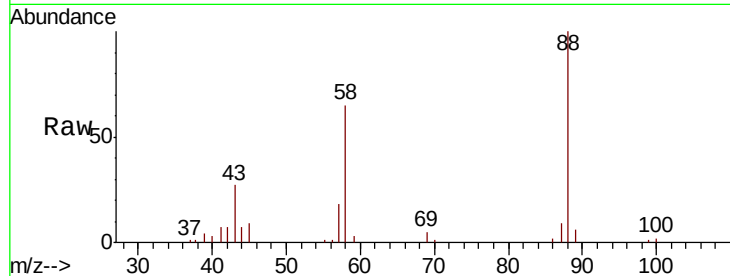
#45
1,4-Dioxane
Concen: 399.618 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102119

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.6	24.0	36.0
58	69.4	52.8	79.2

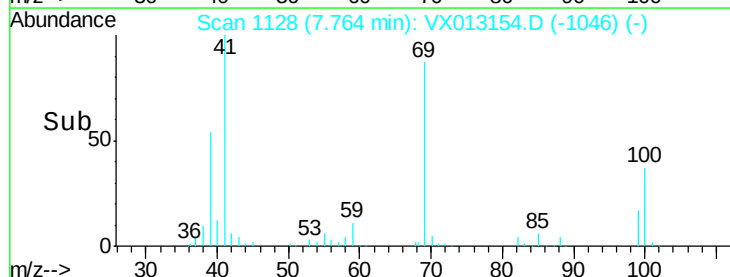
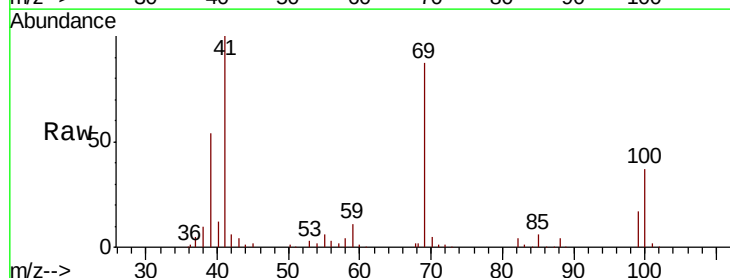
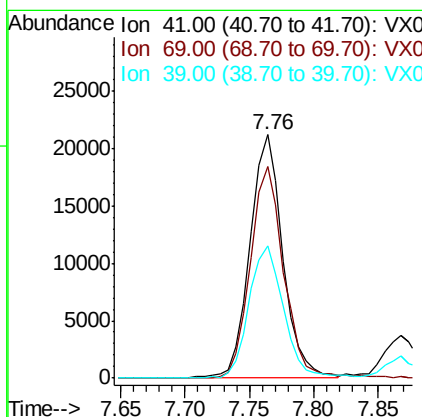
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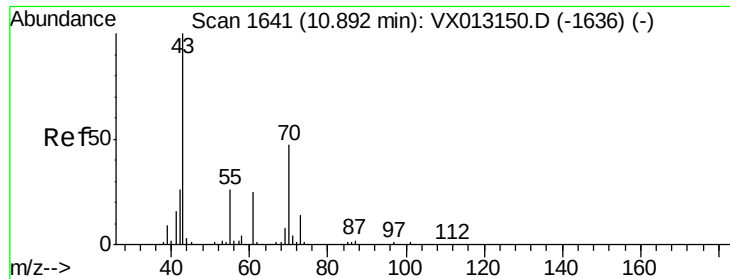
MMDadoda
10/22/2019 12:30:29 PM



#46
Methyl methacrylate
Concen: 20.211 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
41	100		
69	86.7	47.8	143.3
39	53.9	28.5	85.5





#47

n-amvl Acetate

Concen: 19.586 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102119

Tot Ion: 43 Resp: 61814

Ion Ratio Lower Upper

43 100

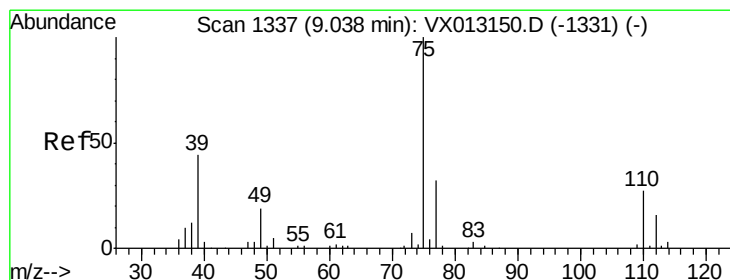
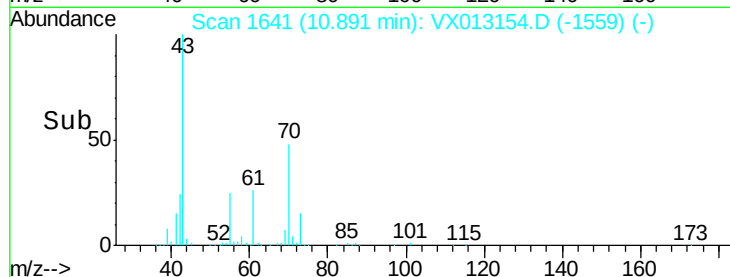
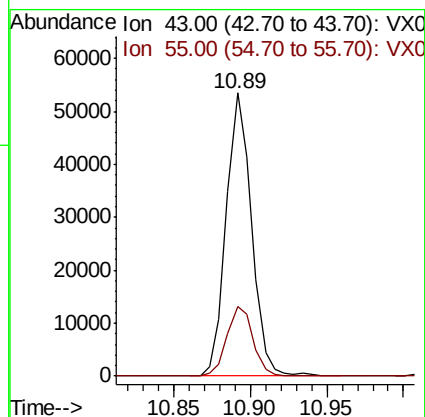
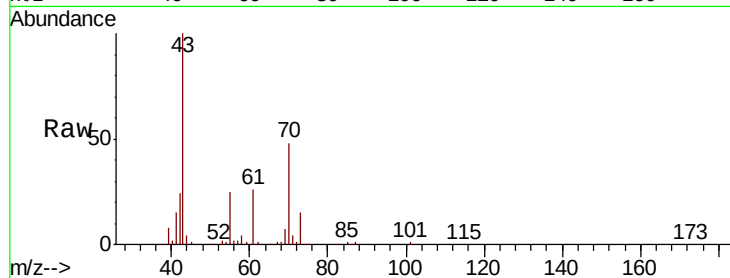
55 25.2 20.9 31.3

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 19.284 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013154.D

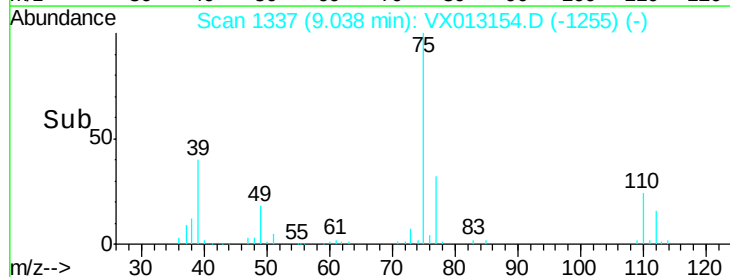
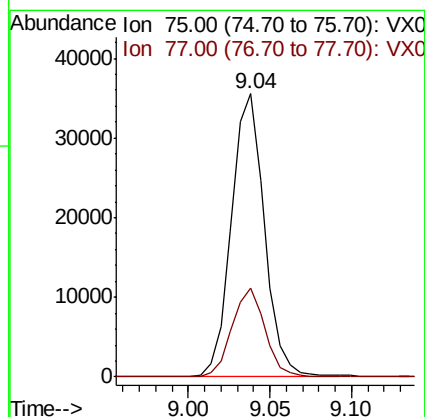
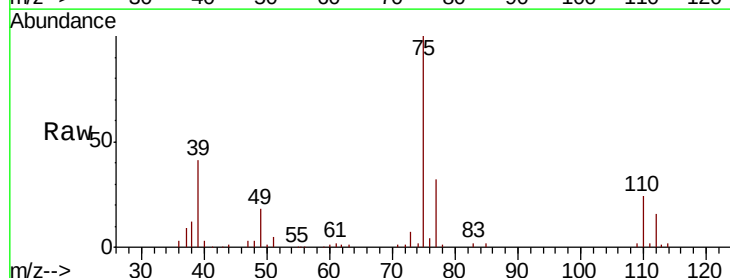
Acq: 21 Oct 2019 15:50

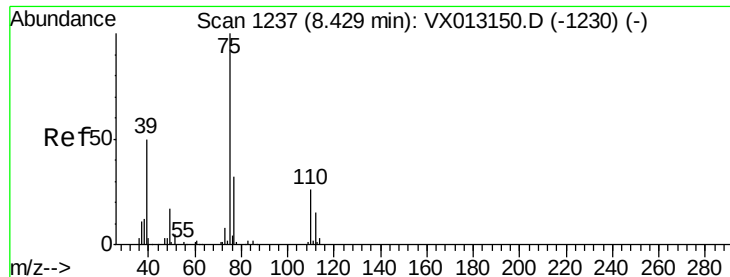
Tgt Ion: 75 Resp: 50127

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 19.543 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Instrument :

MSVOA_X

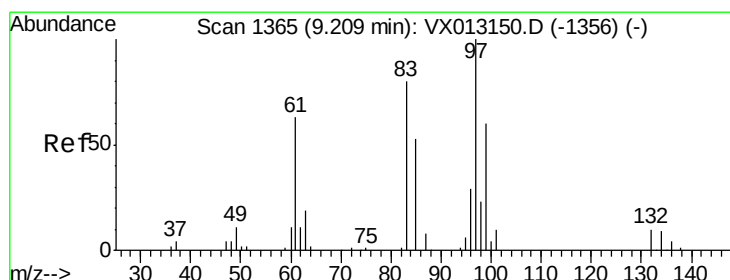
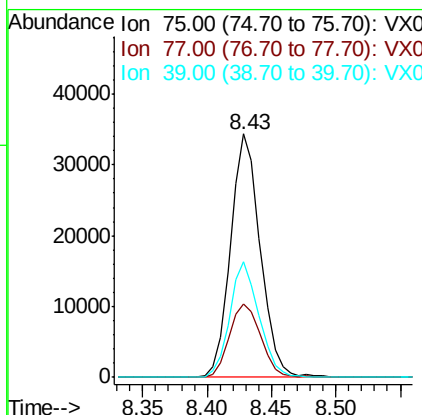
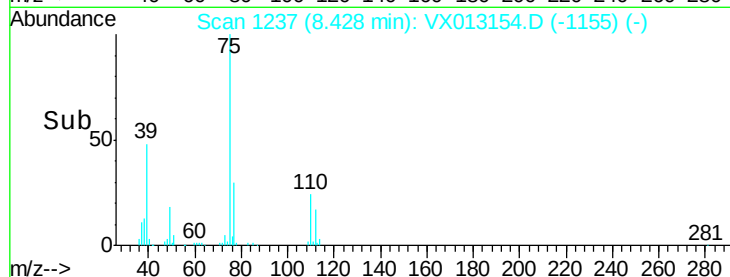
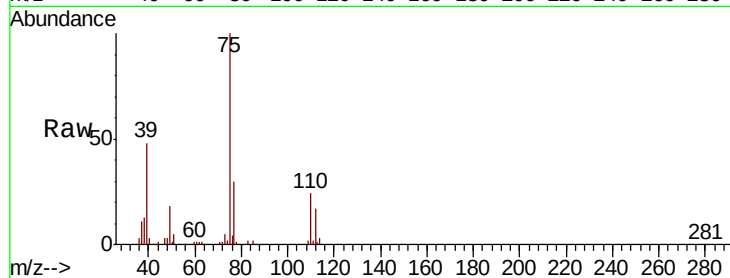
ClientSampleId :

ICVVX102119

Tot Ion:	75	Resp:	55277
Ion	Ratio	Lower	Upper
75	100		
77	29.9	25.8	38.8
39	47.7	39.7	59.5

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 19.904 ug/l

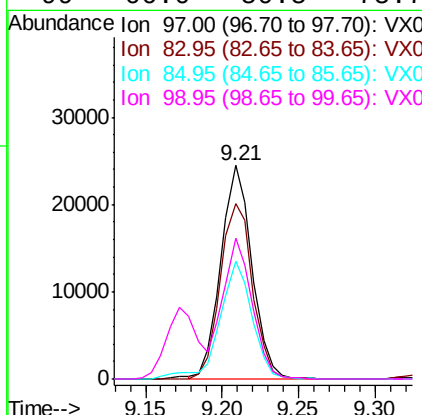
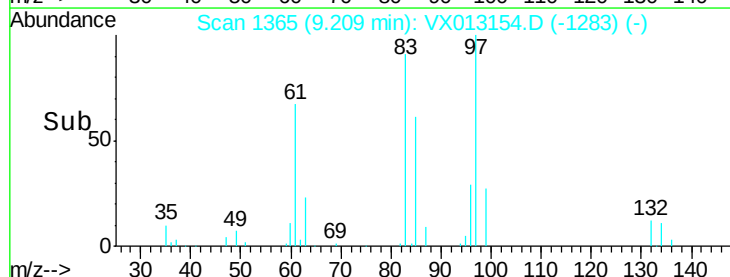
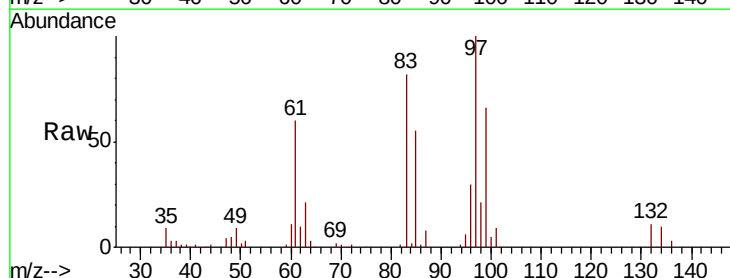
RT: 9.21 min Scan# 1365

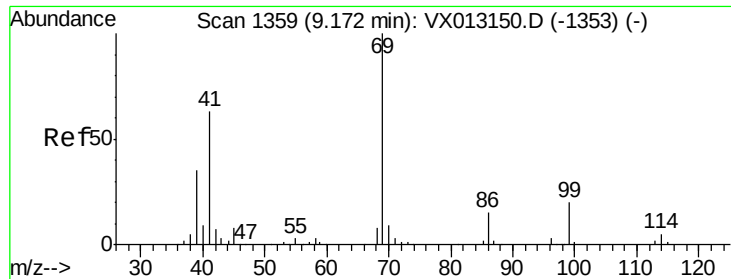
Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Tgt Ion:	97	Resp:	34545
Ion	Ratio	Lower	Upper
97	100		
83	82.2	64.2	96.4
85	54.9	42.7	64.1
99	66.0	50.5	75.7





#51

Ethyl methacrylate

Concen: 19.594 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Instrument :

MSVOA_X

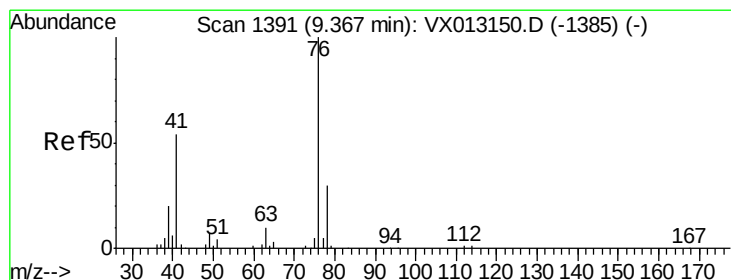
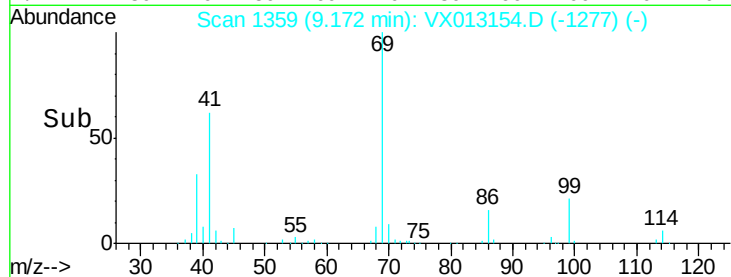
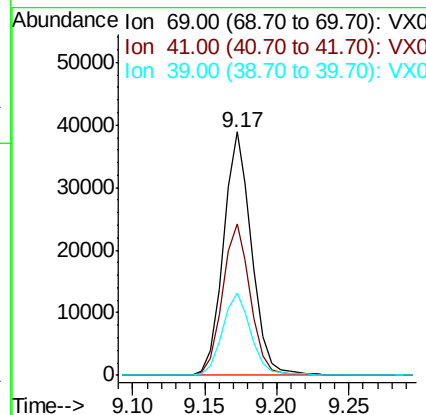
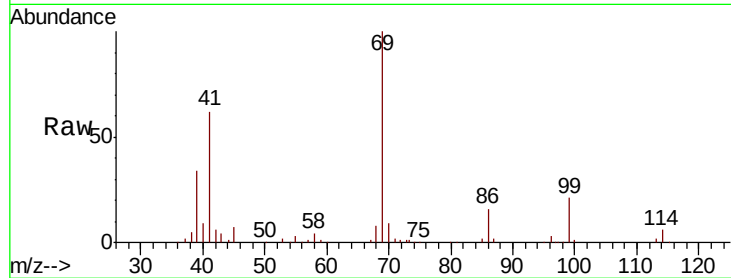
ClientSampleId :

ICVVX102119

Tot Ion:	69	Resp:	53323
Ion Ratio	Lower	Upper	
69	100		
41	62.4	31.6	95.0
39	33.5	17.7	53.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.035 ug/l

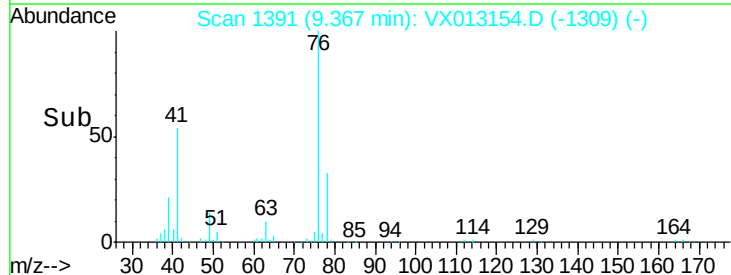
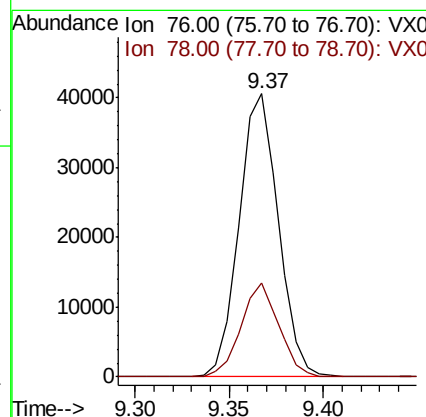
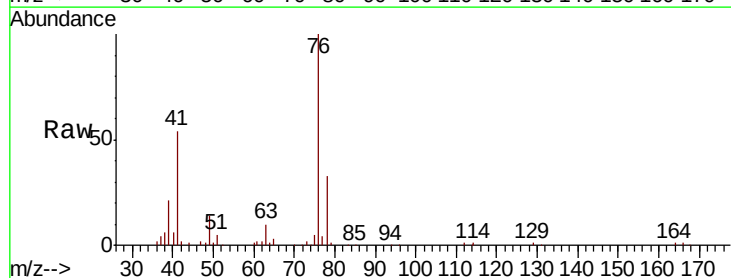
RT: 9.37 min Scan# 1391

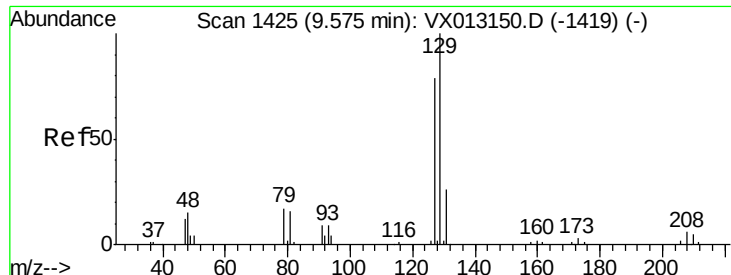
Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Tgt Ion:	76	Resp:	58560
Ion Ratio	Lower	Upper	
76	100		
78	31.9	0.0	64.6





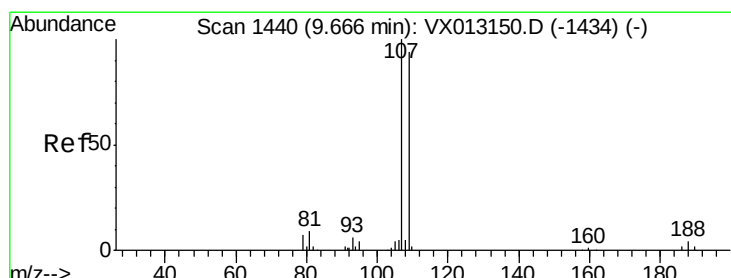
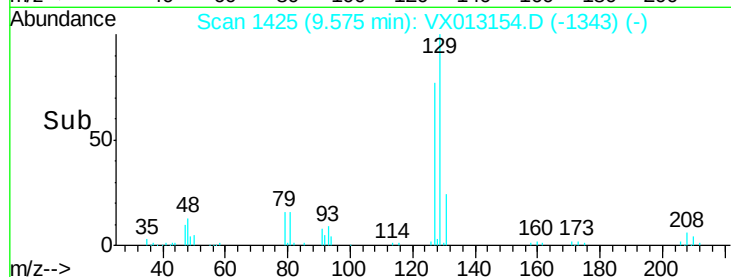
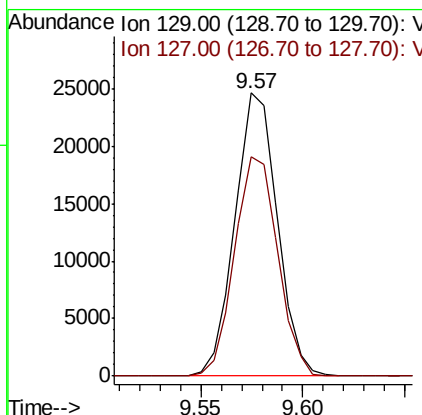
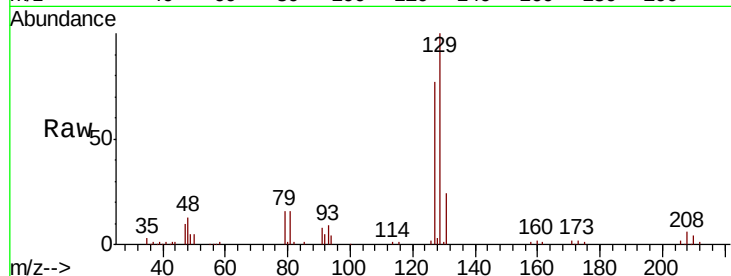
#53
Dibromochloromethane
Concen: 18.973 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102119

Tot Ion	Ratio	Lower	Upper
129	100		
127	79.1	39.4	118.2

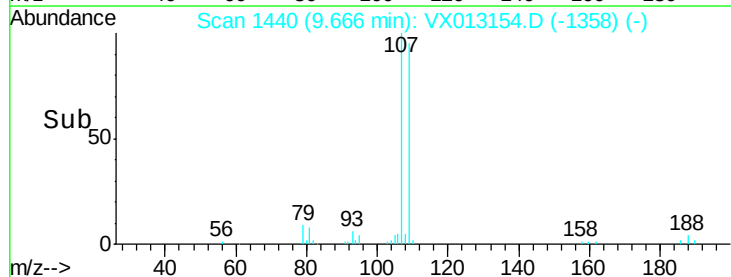
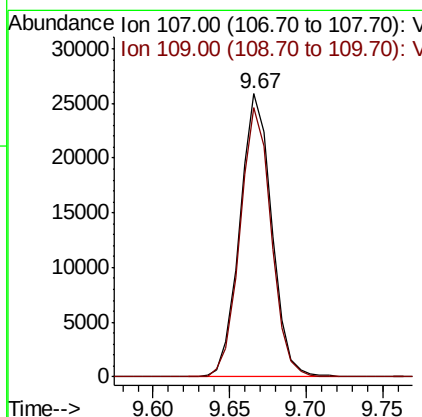
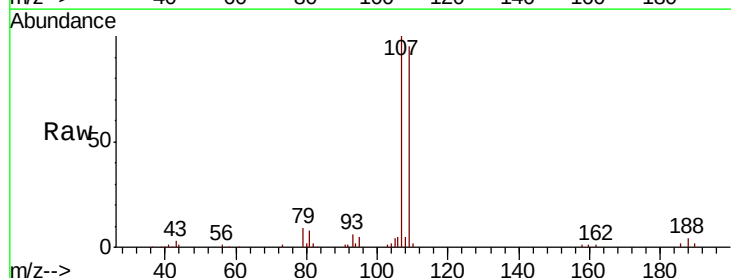
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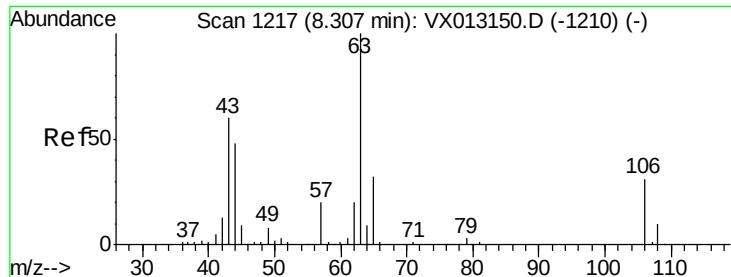
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#54
1,2-Dibromoethane
Concen: 20.141 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.0	75.4	113.0





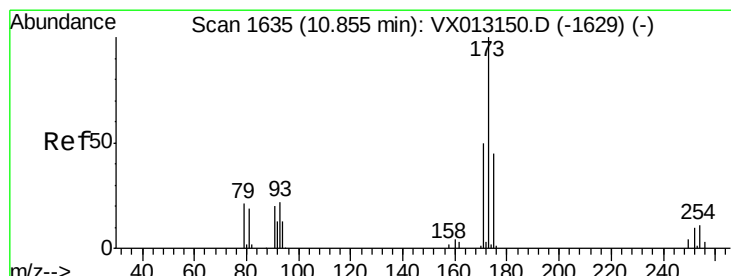
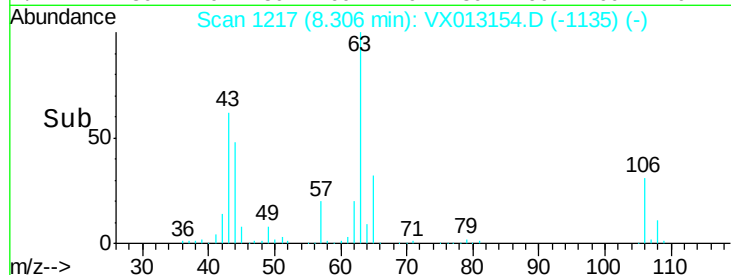
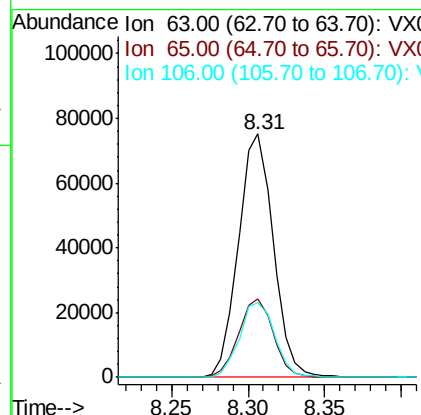
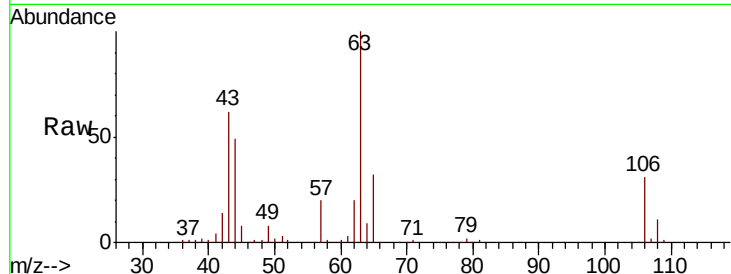
#55
2-Chloroethyl vinyl ether
Concen: 108.203 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102119

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.5	38.3
106	31.2	24.8	37.2

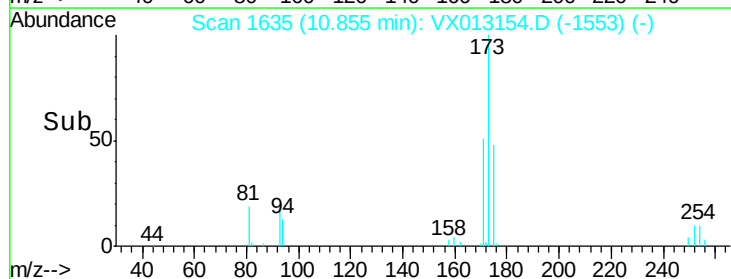
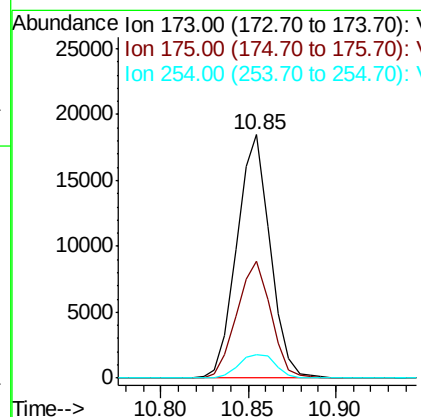
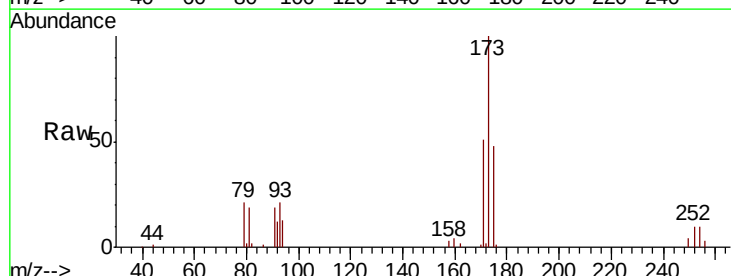
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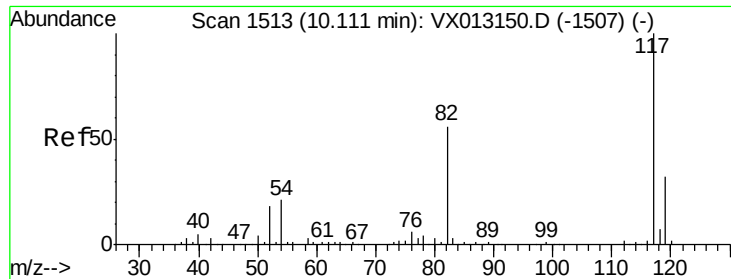
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#56
Bromoform
Concen: 18.425 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.0	58.4
254	10.6	8.1	12.1





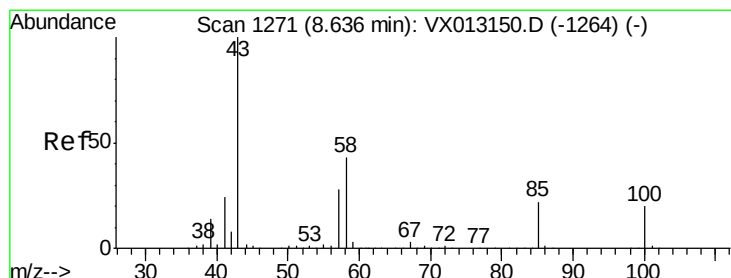
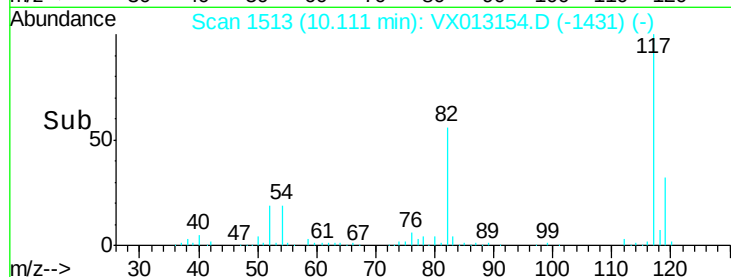
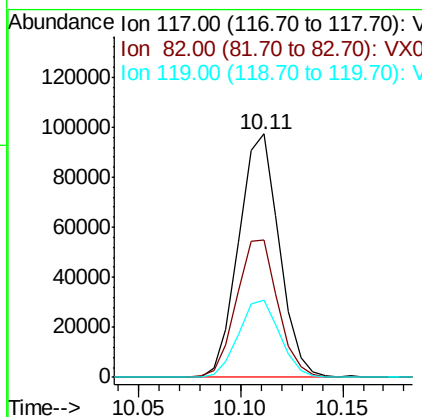
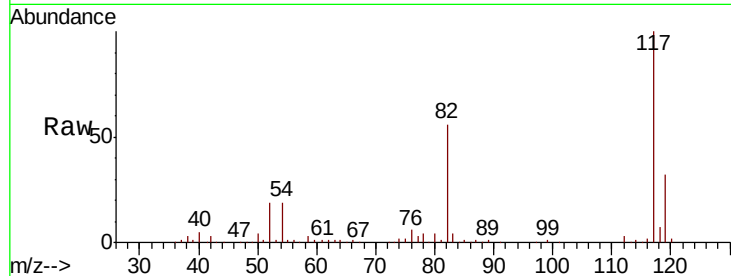
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102119

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.0	69.0
119	32.5	25.4	38.0

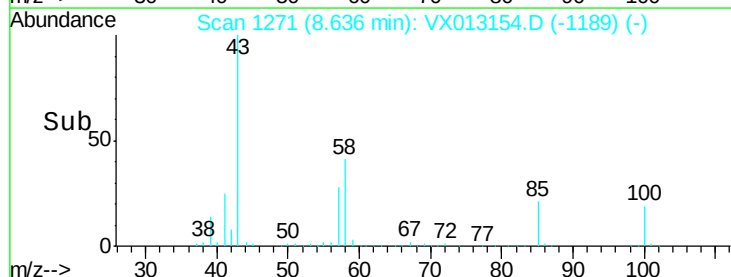
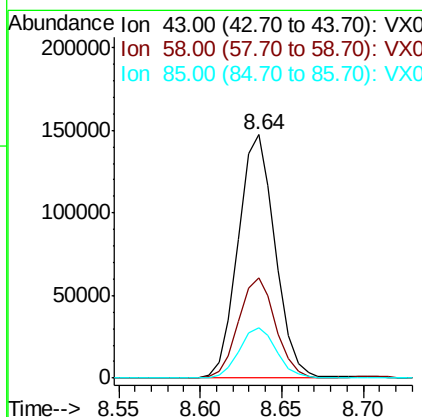
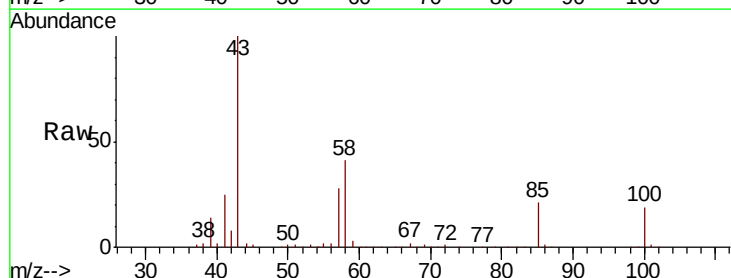
Manual Integrations
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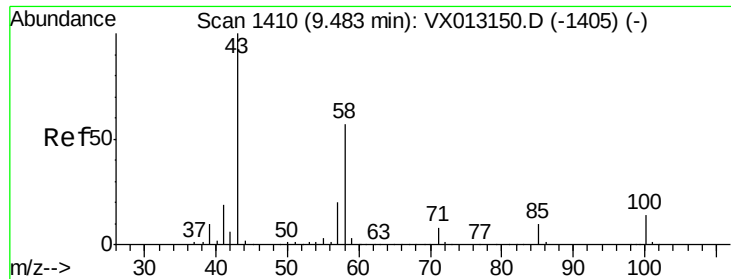
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#58
4-Methyl-2-Pentanone
Concen: 103.103 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.3	33.8	50.8
85	20.8	16.8	25.2





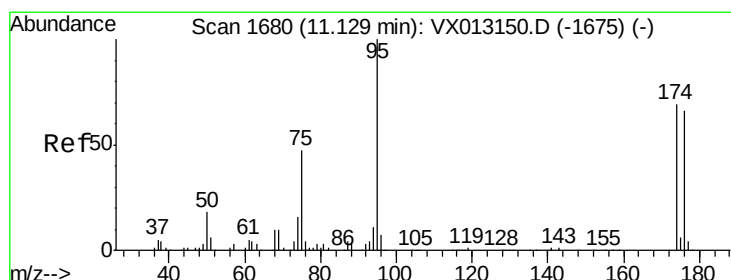
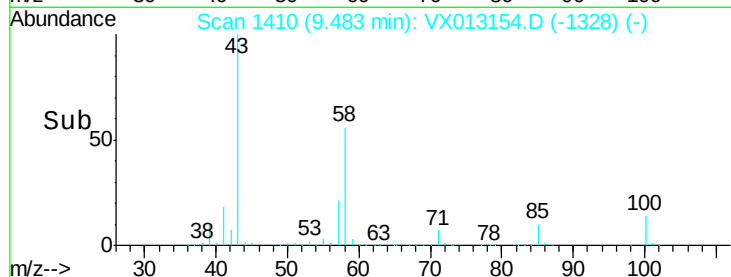
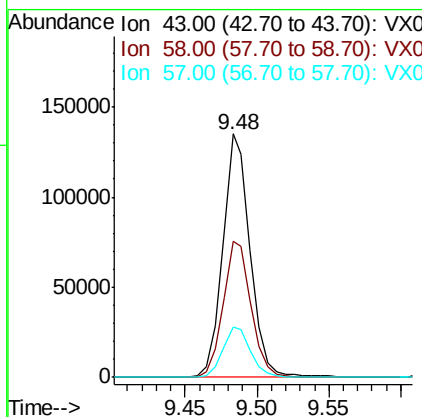
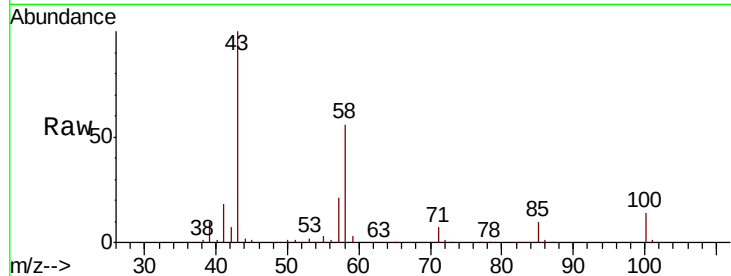
#59
2-Hexanone
Concen: 101.607 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102119

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.5	46.6	69.8
57	21.4	16.9	25.3

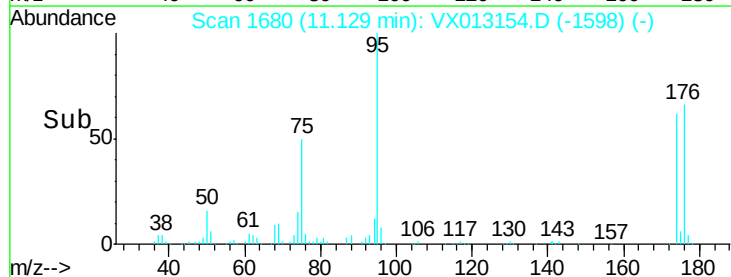
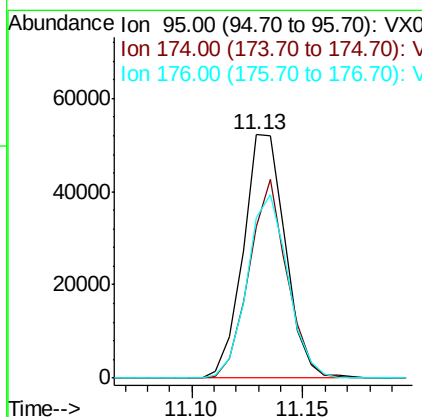
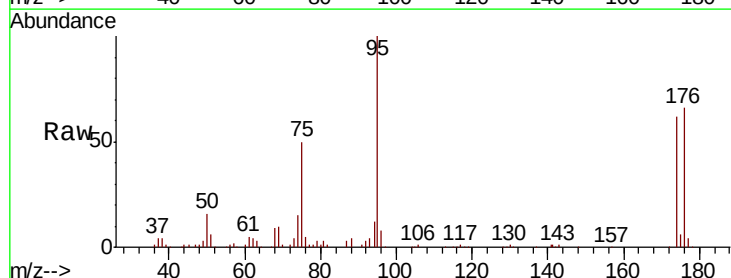
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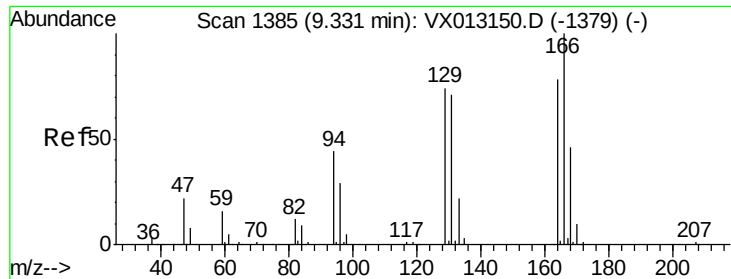
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.598 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.4	60.0	90.0
176	72.8	58.5	87.7





#61

Tetrachloroethene

Concen: 20.001 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102119

Tot Ion:164 Resp: 35513

Ion Ratio Lower Upper

164 100

166 123.9 102.6 153.8

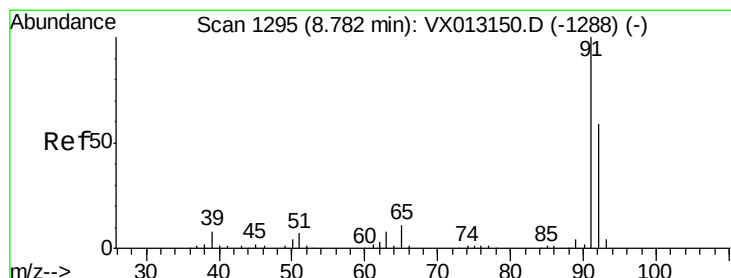
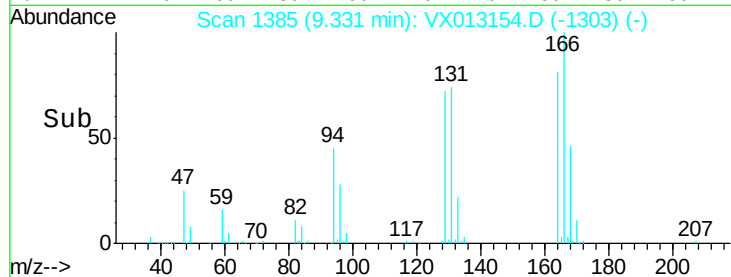
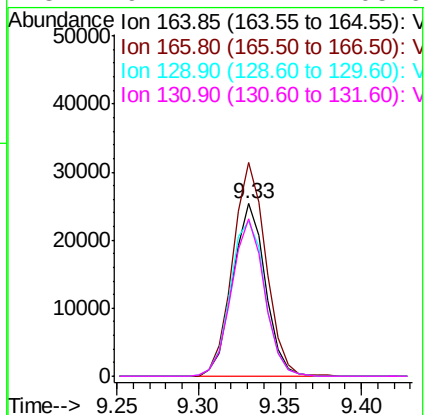
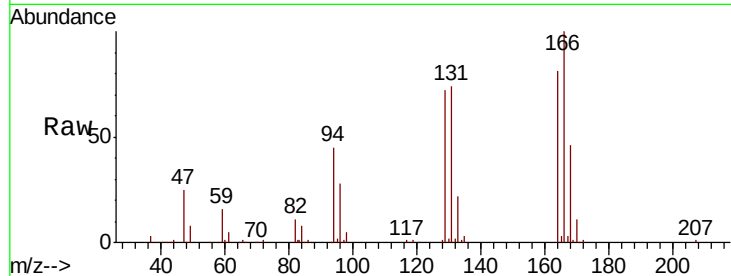
129 89.6 75.7 113.5

131 91.2 72.4 108.6

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#62

Toluene

Concen: 20.071 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013154.D

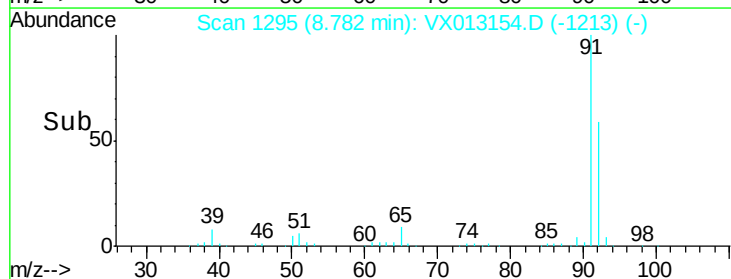
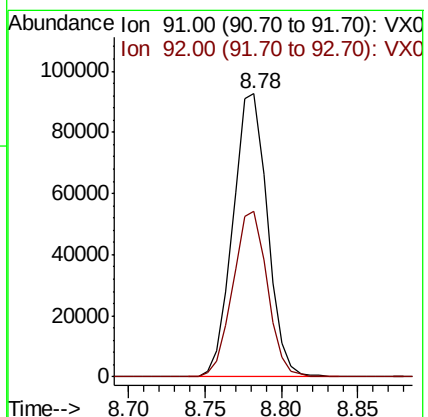
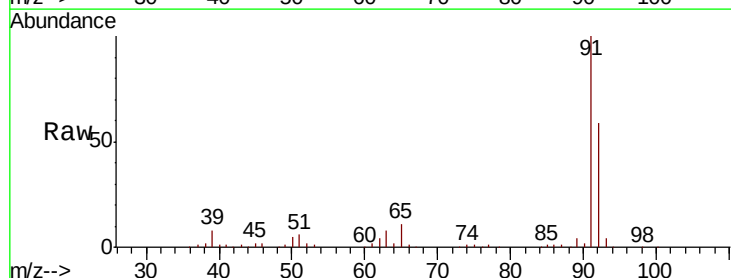
Acq: 21 Oct 2019 15:50

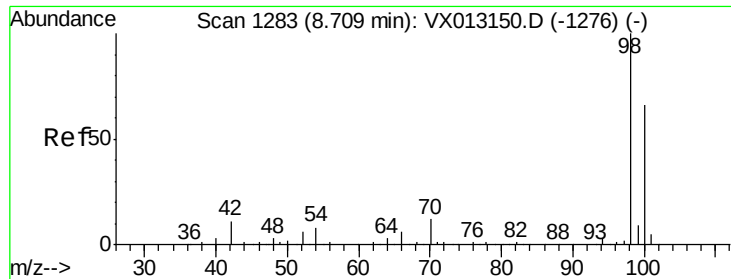
Tgt Ion: 91 Resp: 145117

Ion Ratio Lower Upper

91 100

92 58.6 47.7 71.5





#63

Toluene-d8

Concen: 30.455 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102119

Tot Ion: 98 Resp: 181420

Ion Ratio Lower Upper

98 100

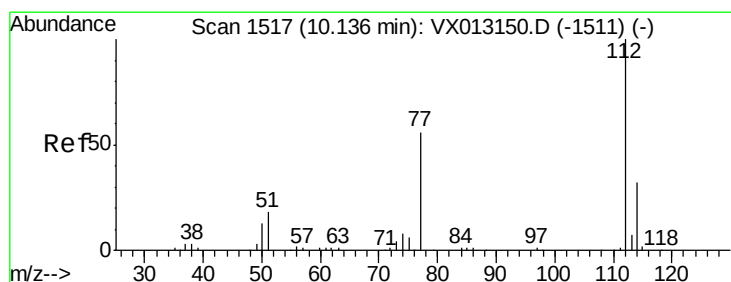
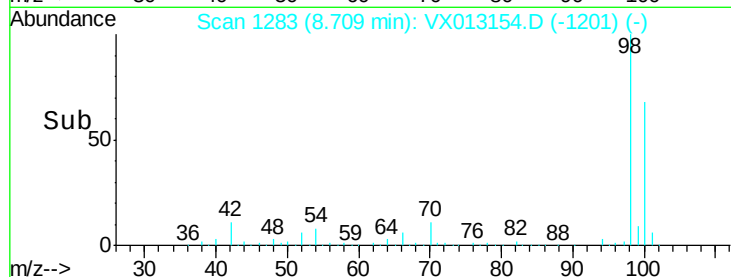
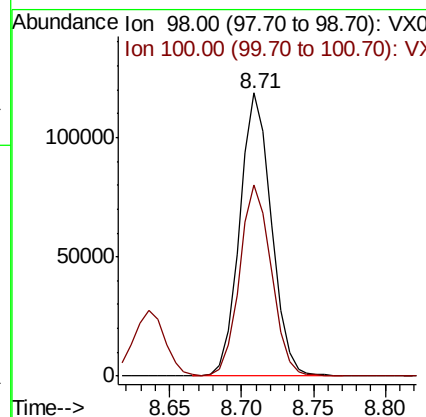
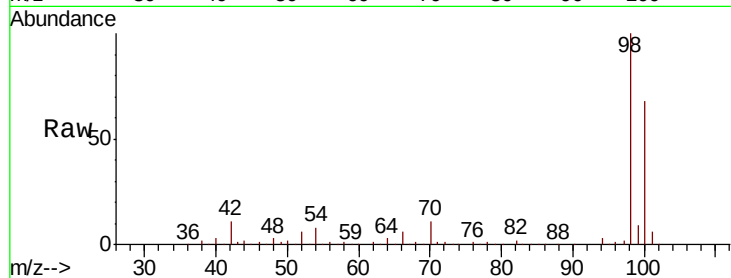
100 66.8 53.1 79.7

Manual Integrations

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#64

Chlorobenzene

Concen: 19.816 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013154.D

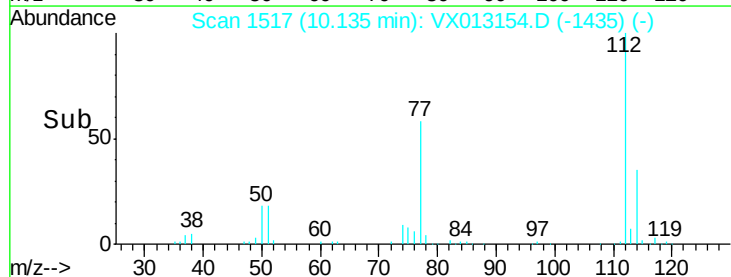
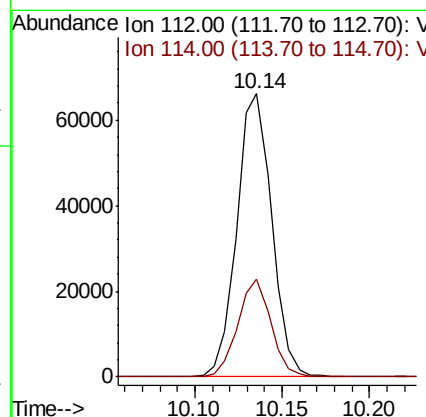
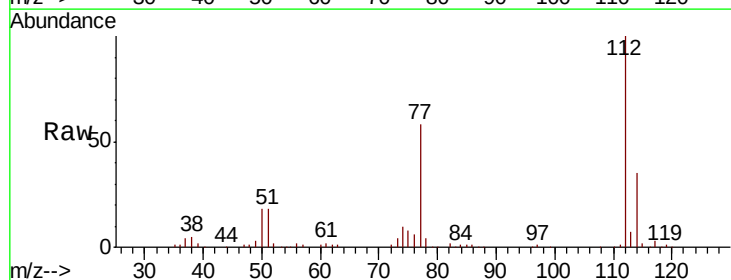
Acq: 21 Oct 2019 15:50

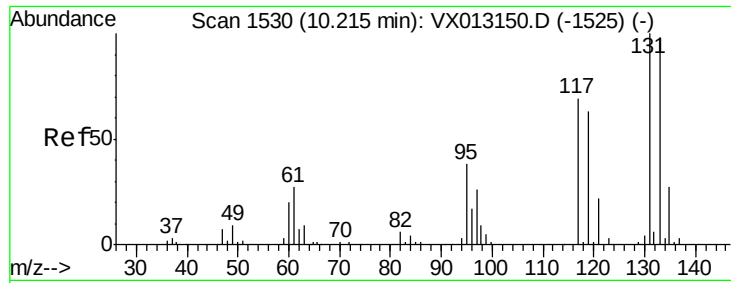
Tgt Ion: 112 Resp: 91863

Ion Ratio Lower Upper

112 100

114 34.7 25.5 38.3





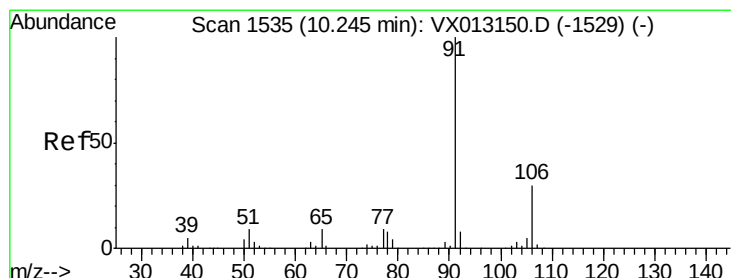
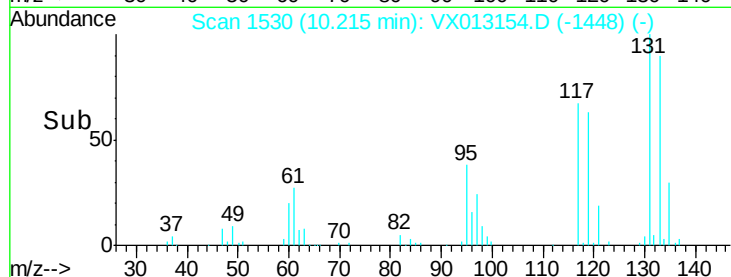
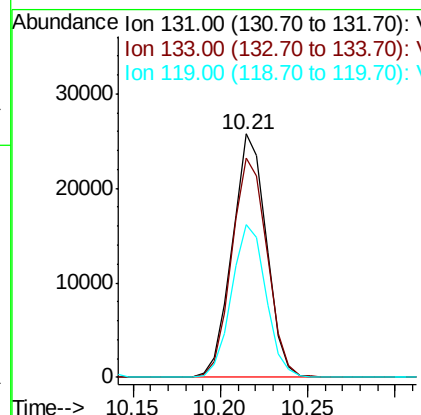
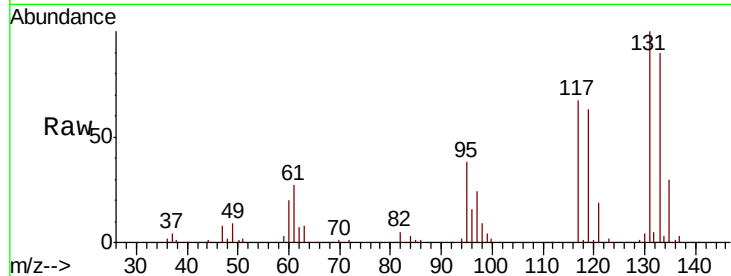
#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.151 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013154.D
 Acq: 21 Oct 2019 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102119

Tot Ion	Ratio	Resp	Lower	Upper
131	100	34993		
133	93.0	0.0	191.0	
119	62.9	0.0	125.6	

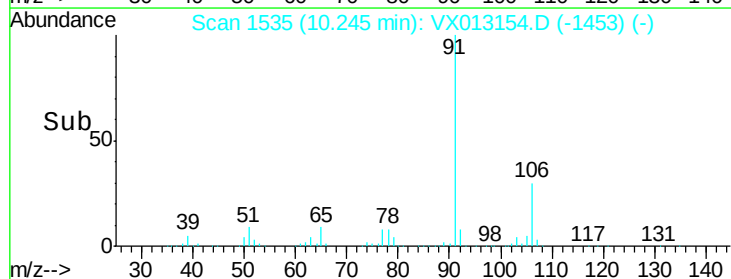
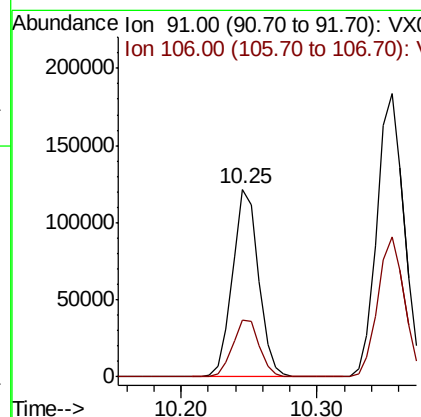
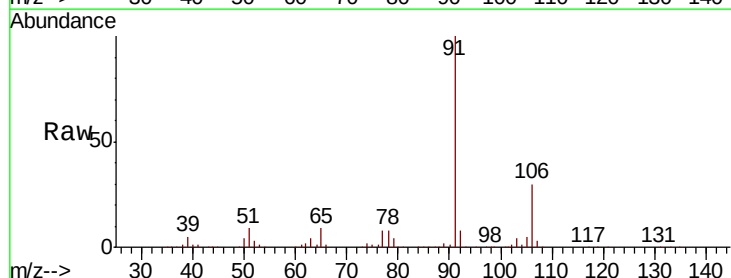
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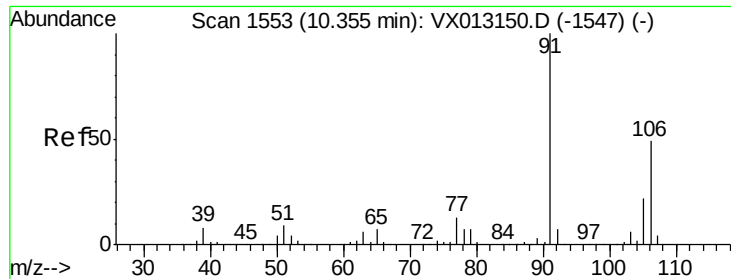
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#66
 Ethyl Benzene
 Concen: 19.505 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX013154.D
 Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	162307		
106	30.0	23.8	35.6	





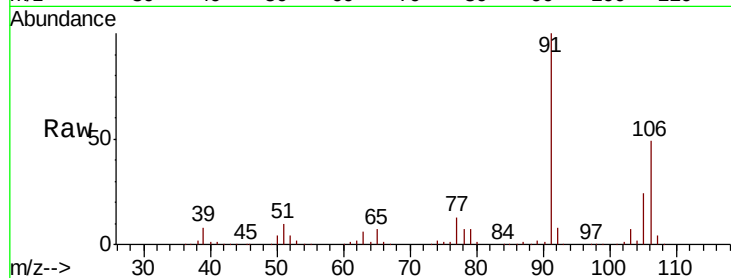
#67
m/p-Xylenes
Concen: 39.019 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102119

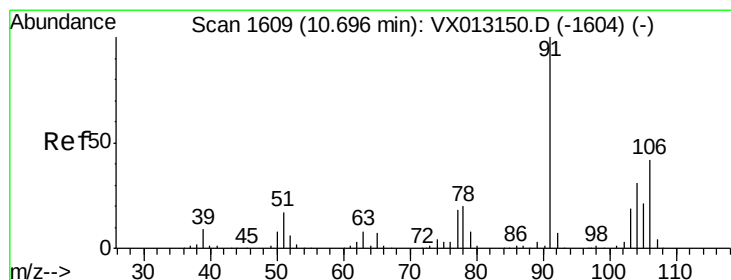
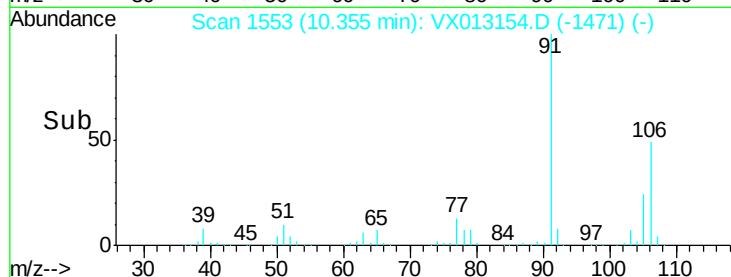
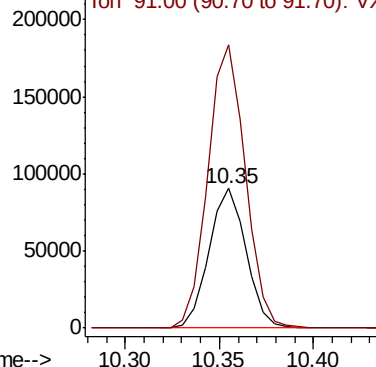
Tot Ion:106 Resp: 123401
Ion Ratio Lower Upper
106 100
91 205.2 163.7 245.5

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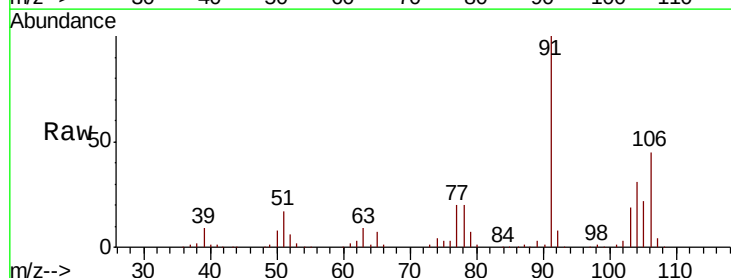


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

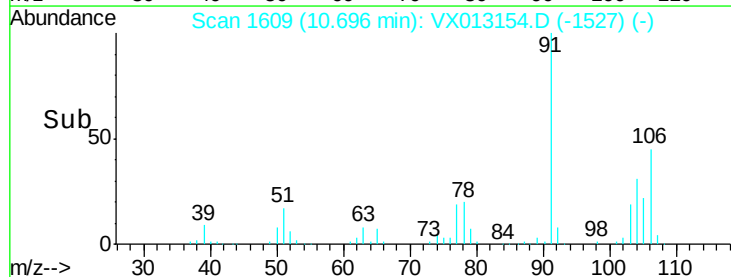
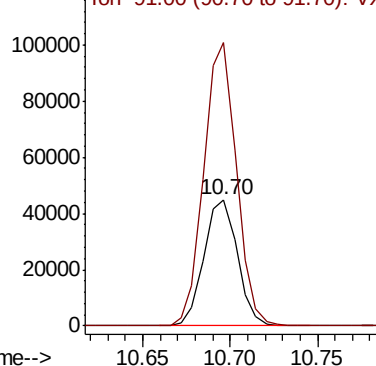


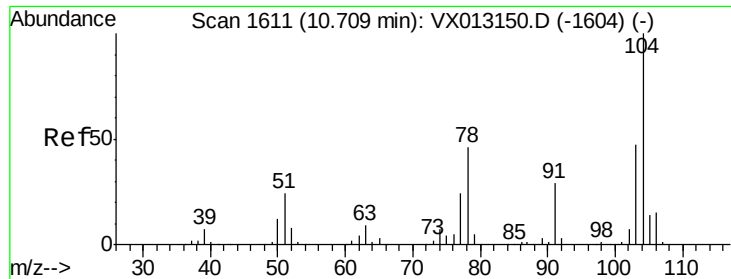
#68
o-Xylene
Concen: 19.771 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Tgt Ion:106 Resp: 59690
Ion Ratio Lower Upper
106 100
91 219.3 113.6 340.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





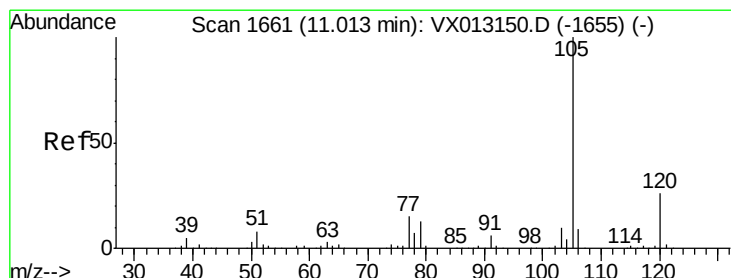
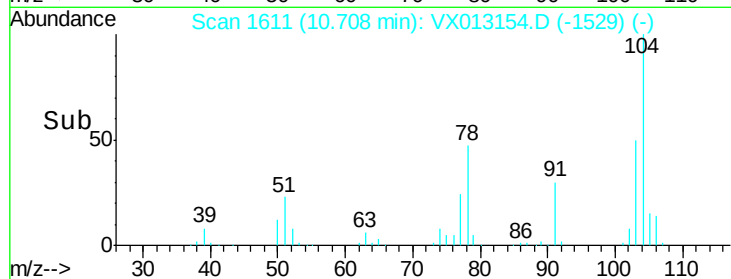
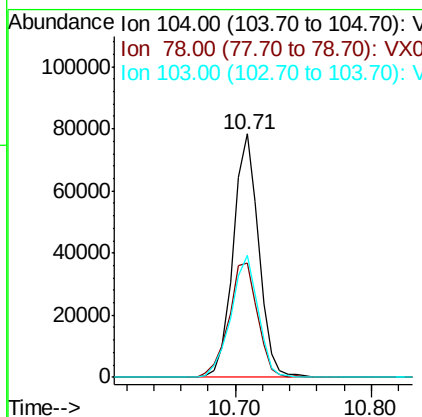
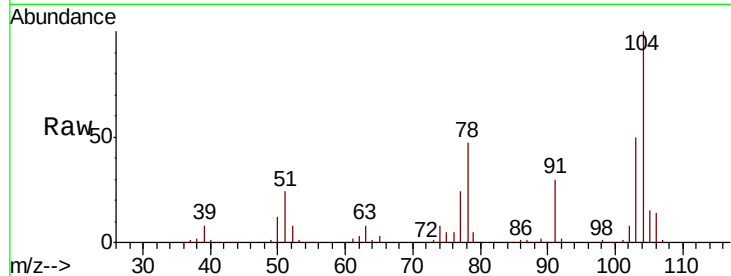
#69
Stvrene
Concen: 19.651 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102119

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.8	42.3	63.5
103	53.4	42.2	63.2

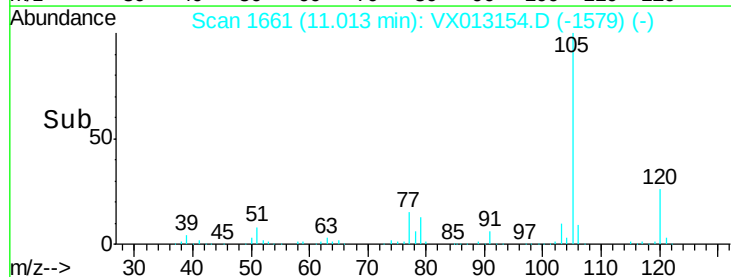
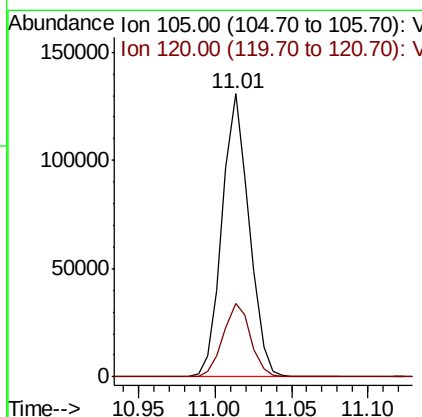
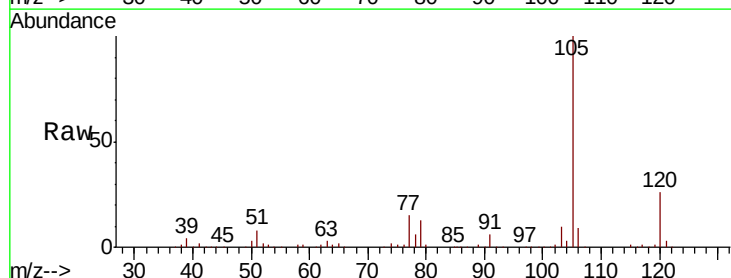
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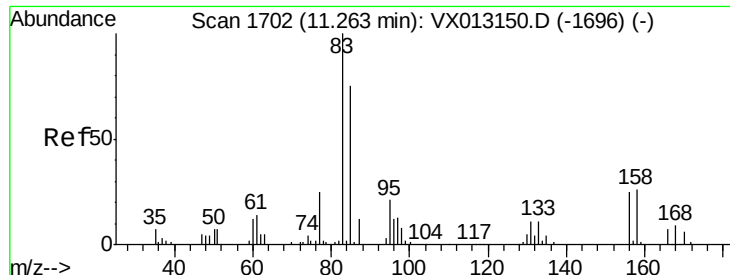
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#70
Isopropylbenzene
Concen: 19.306 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	18.1	33.7





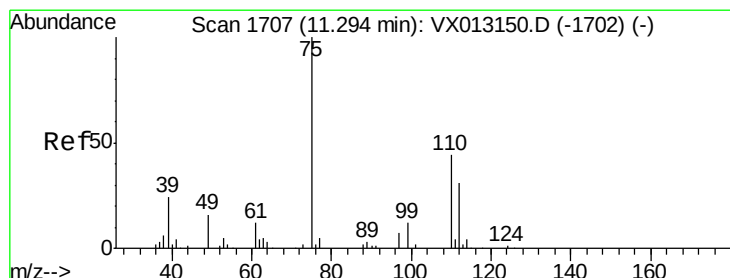
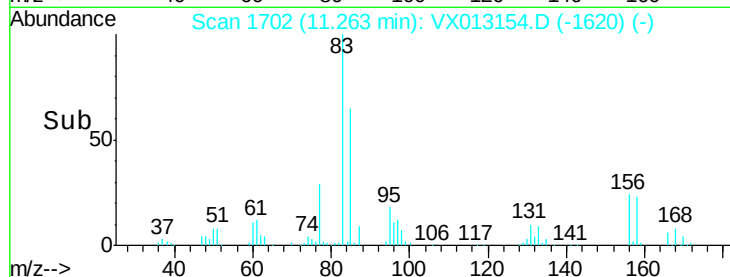
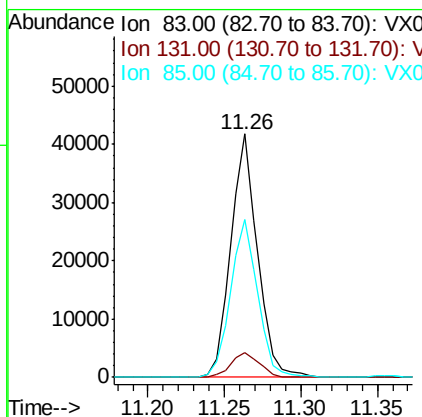
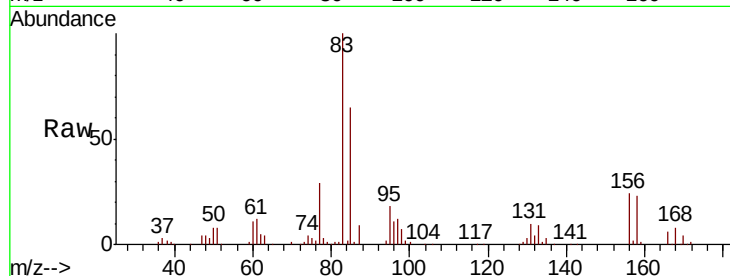
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.918 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013154.D
 Acq: 21 Oct 2019 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102119

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.9	5.5	16.4	
85	66.1	32.9	98.6	

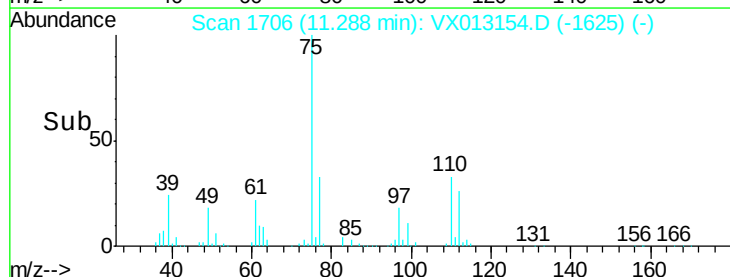
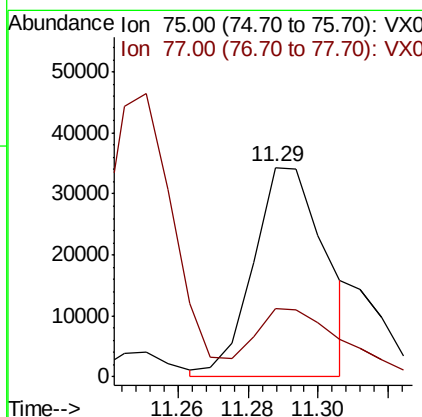
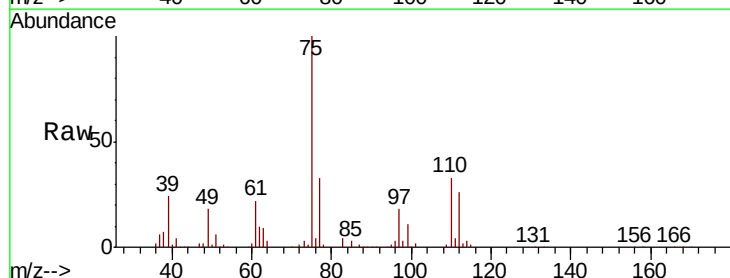
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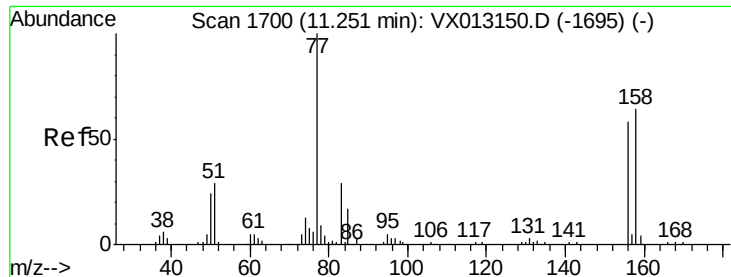
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#72
 1,2,3-Trichloropropane
 Concen: 22.130 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX013154.D
 Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	39.4	0.0	74.0	





#73

Bromobenzene

Concen: 18.880 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Instrument :

MSVOA_X

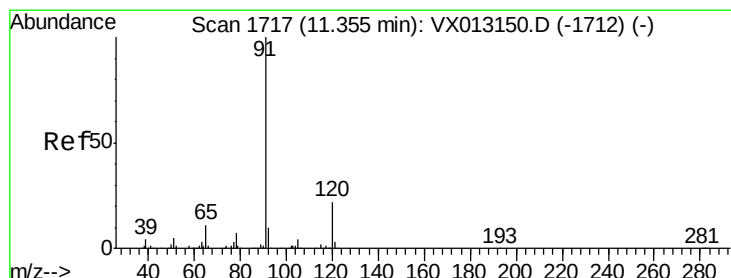
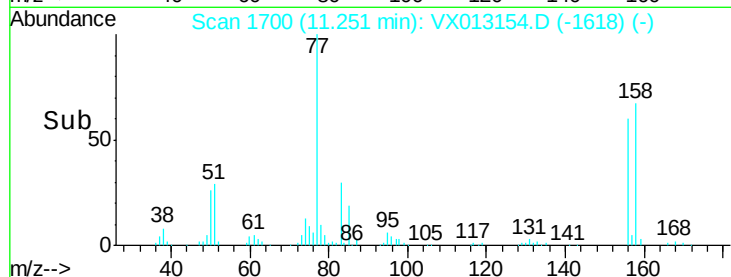
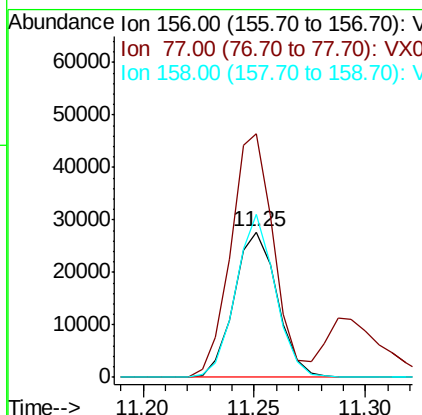
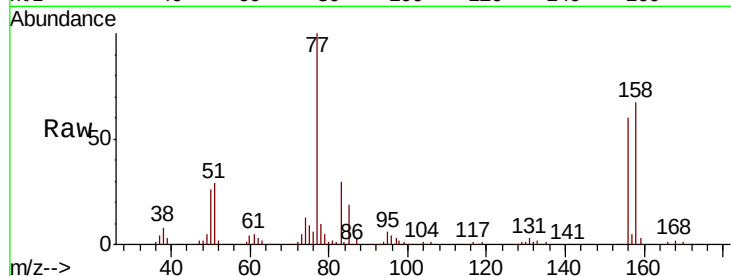
ClientSampleId :

ICVVX102119

Tot Ion:	156	Resp:	37535
Ion	Ratio	Lower	Upper
156	100		
77	167.2	0.0	328.0
158	102.1	0.0	196.2

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#74

n-propylbenzene

Concen: 19.469 ug/l

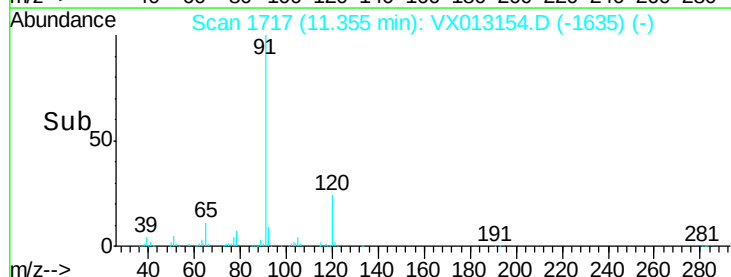
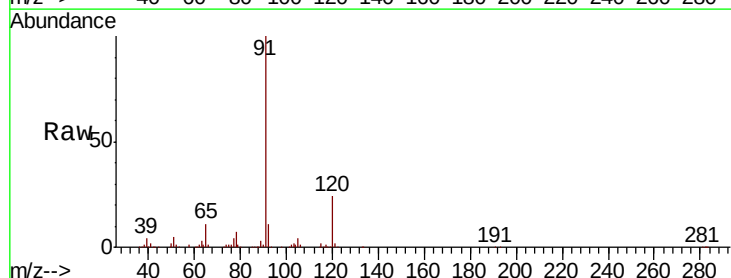
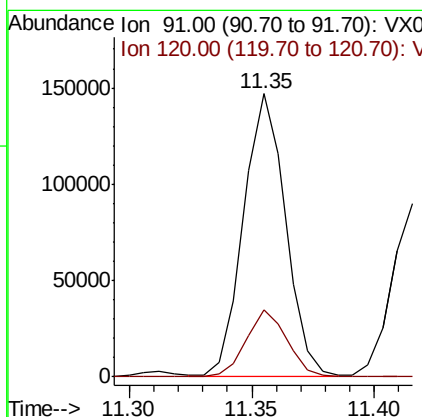
RT: 11.35 min Scan# 1717

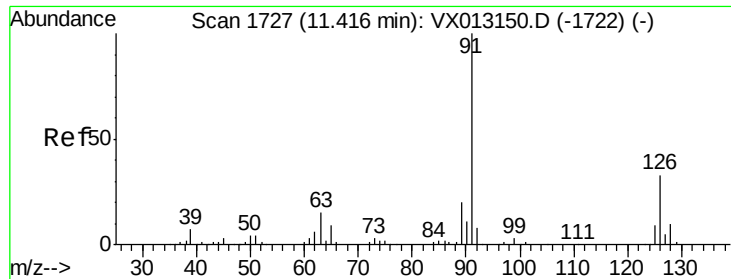
Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Tgt Ion:	91	Resp:	177030
Ion	Ratio	Lower	Upper
91	100		
120	23.0	0.0	45.2





#75

2-Chlorotoluene

Concen: 19.942 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102119

Tot Ion: 91 Resp: 113463

Ion Ratio Lower Upper

91 100

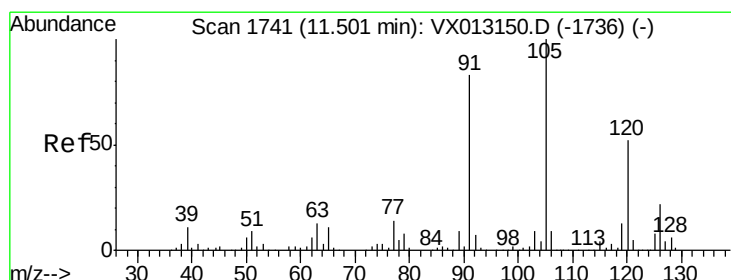
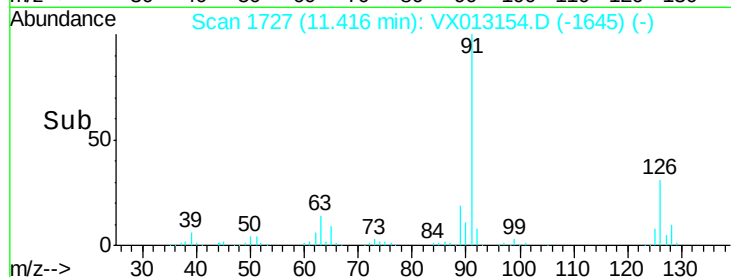
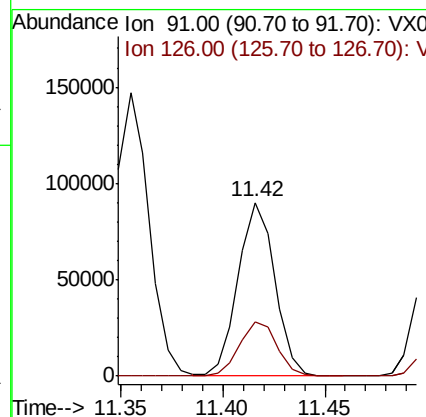
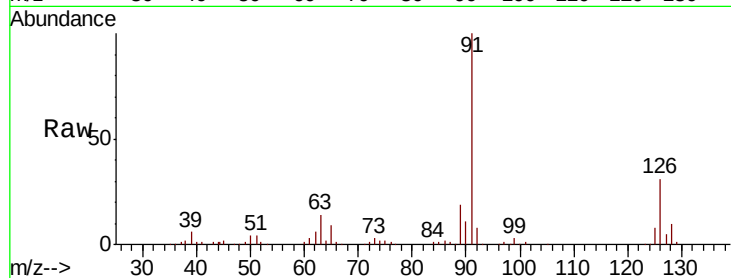
126 32.0 0.0 63.8

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#76

1,3,5-Trimethylbenzene

Concen: 19.524 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013154.D

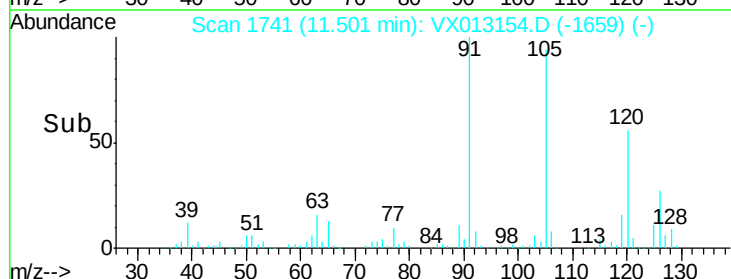
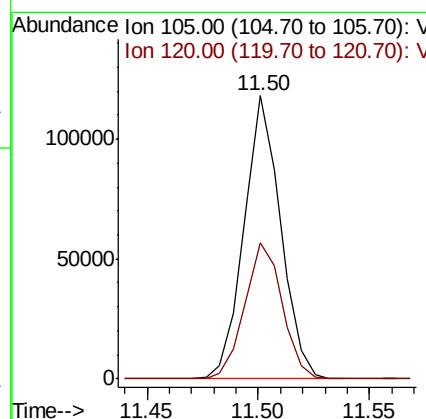
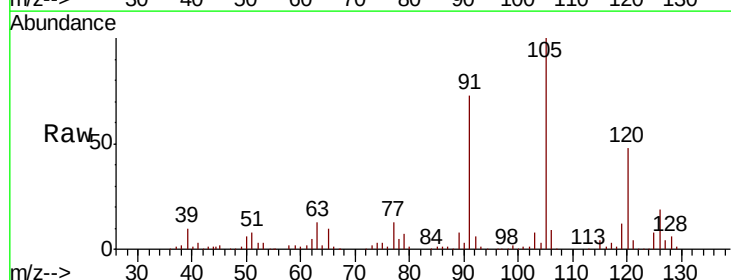
Acq: 21 Oct 2019 15:50

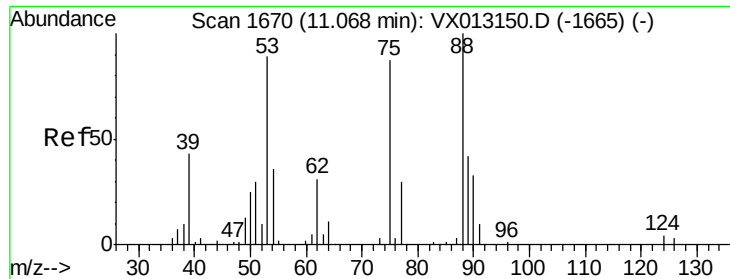
Tgt Ion: 105 Resp: 135777

Ion Ratio Lower Upper

105 100

120 49.4 0.0 98.0





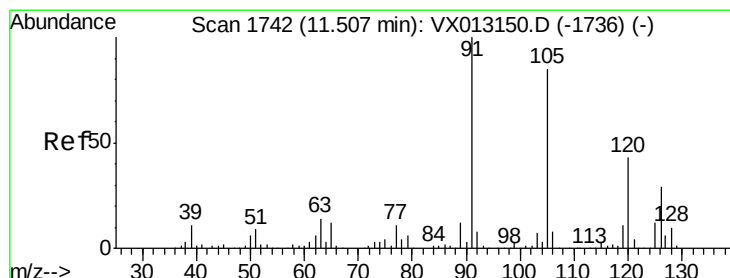
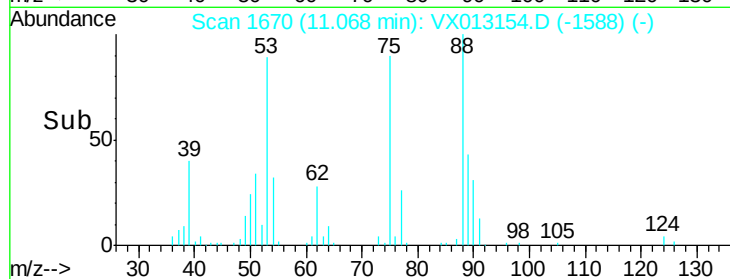
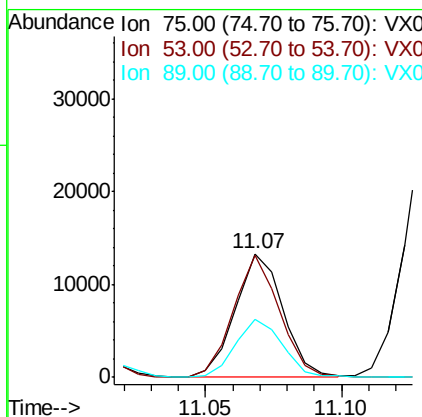
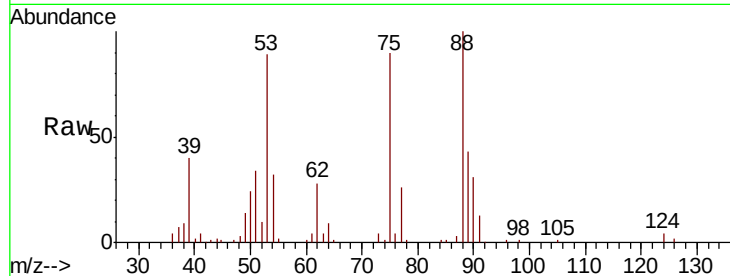
#77
t-1,4-Dichloro-2-butene
Concen: 18.863 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102119

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.1	51.1	153.4
89	46.8	24.1	72.4

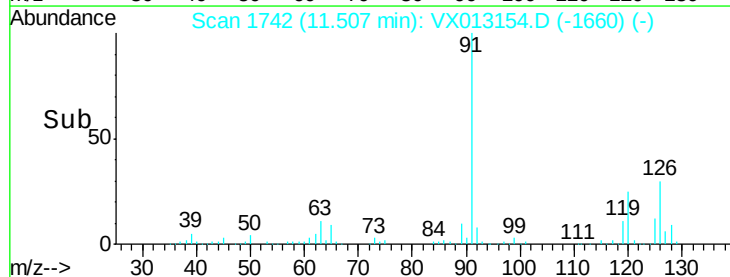
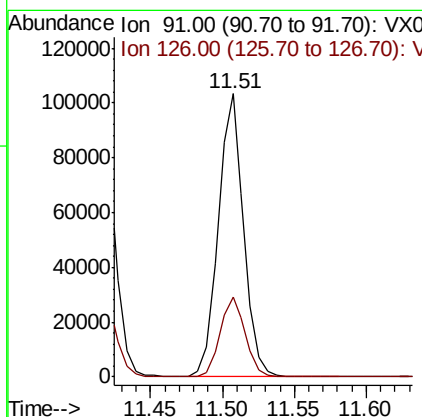
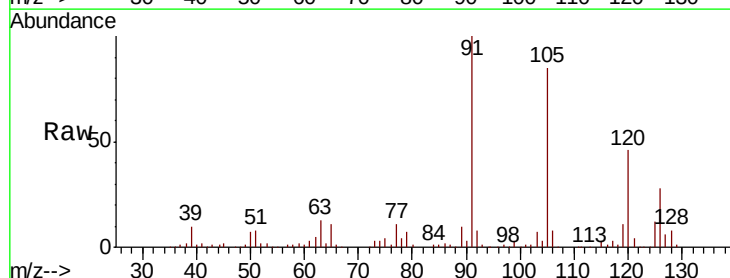
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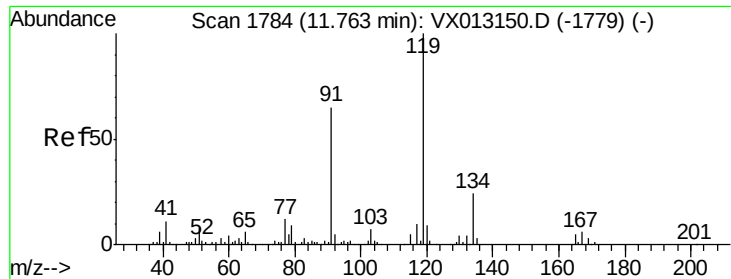
MMDadoda
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#78
4-Chlorotoluene
Concen: 19.538 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.2	0.0	58.4





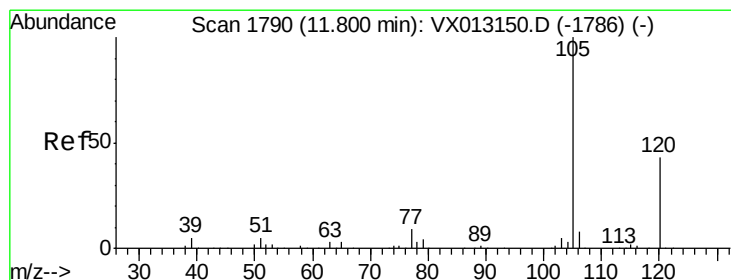
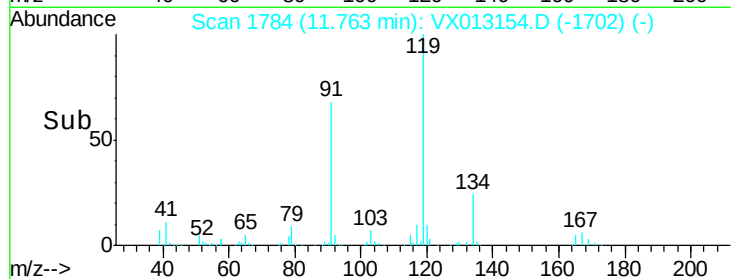
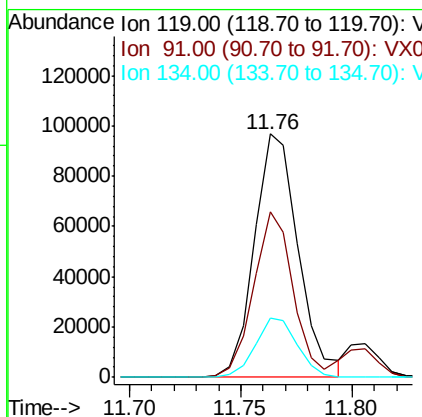
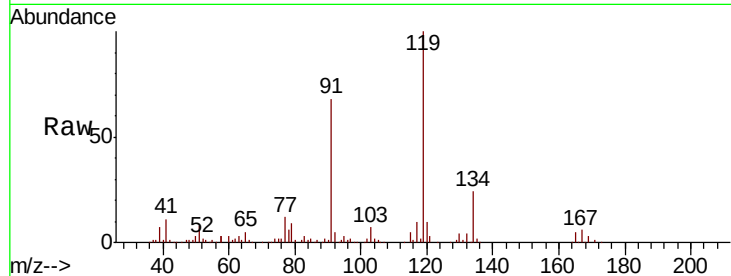
#79
tert-butylbenzene
Concen: 19.798 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102119

Tot Ion	Ratio	Resp	Lower	Upper
119	100	132575		
91	61.3	0.0	128.4	
134	23.3	0.0	49.0	

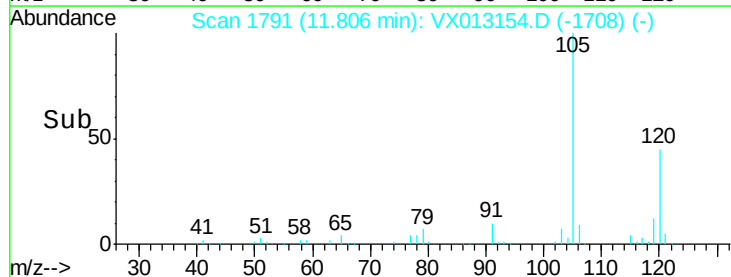
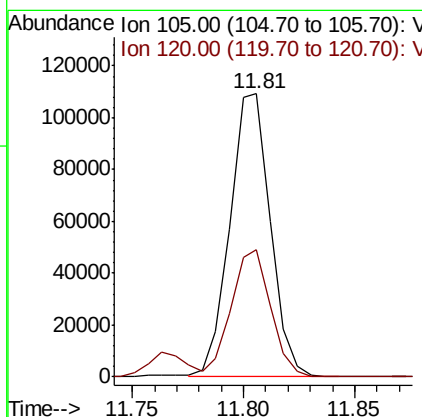
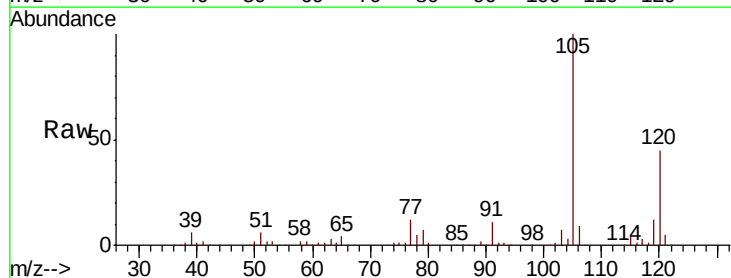
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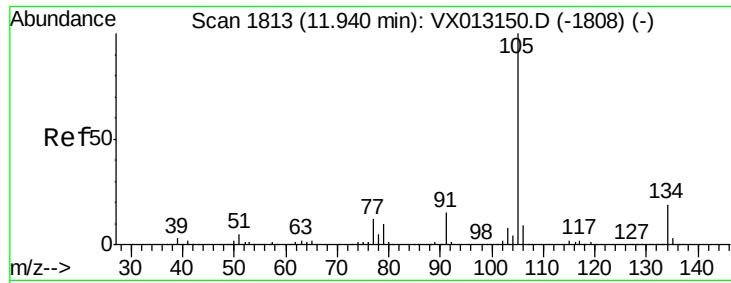
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#80
1,2,4-Trimethylbenzene
Concen: 19.848 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	137887		
120	43.6	0.0	87.4	





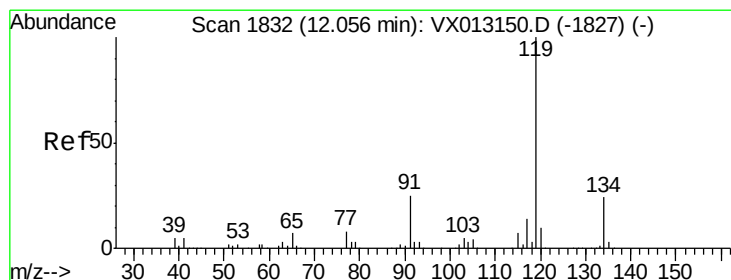
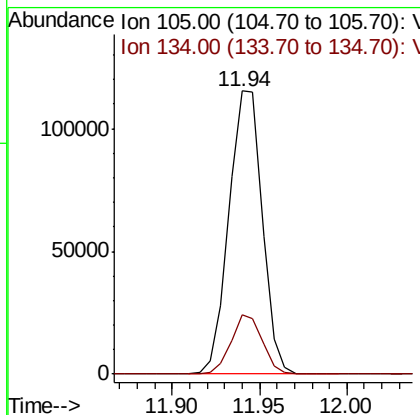
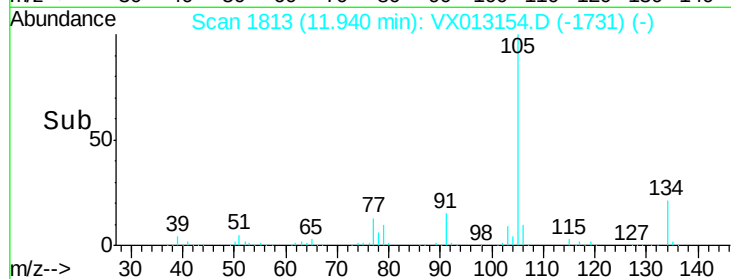
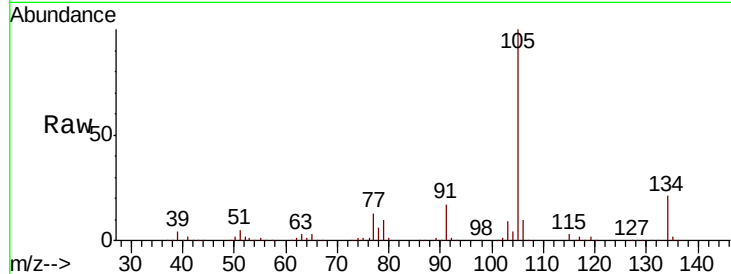
#81
 sec-Butylbenzene
 Concen: 19.196 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013154.D
 Acq: 21 Oct 2019 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102119

Tot Ion	Ratio	Resp	Lower	Upper
105	100	153135		
134	19.8	0.0	39.2	

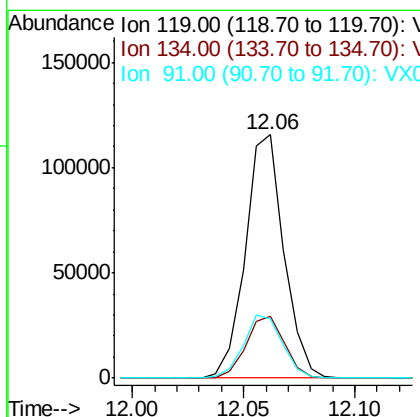
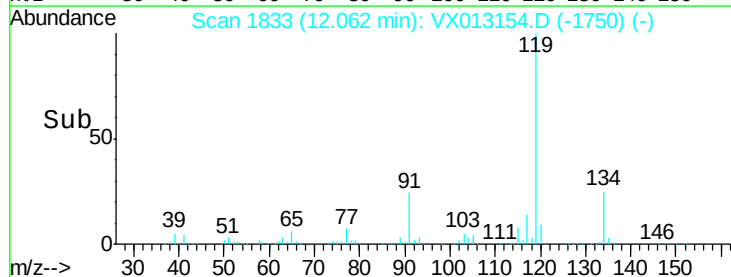
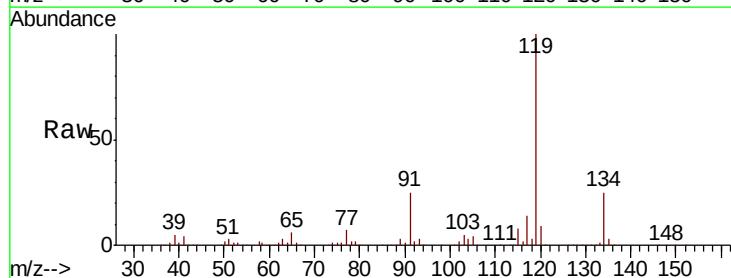
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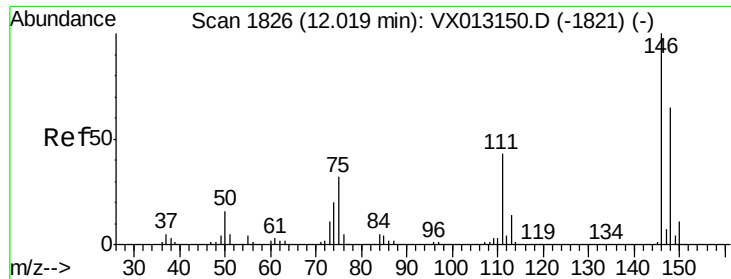
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#82
 p-Isopropyltoluene
 Concen: 19.090 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX013154.D
 Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	139236		
134	25.4	0.0	51.6	
91	26.3	0.0	50.0	





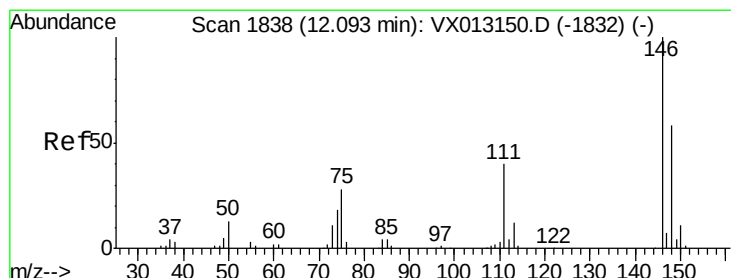
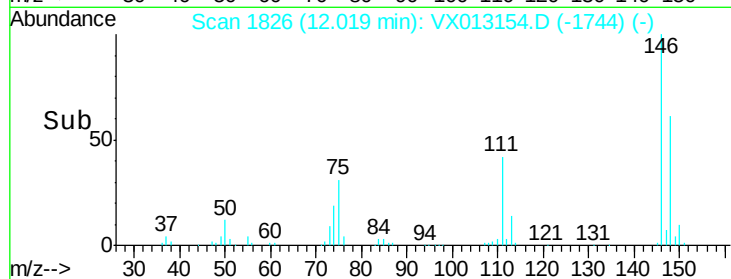
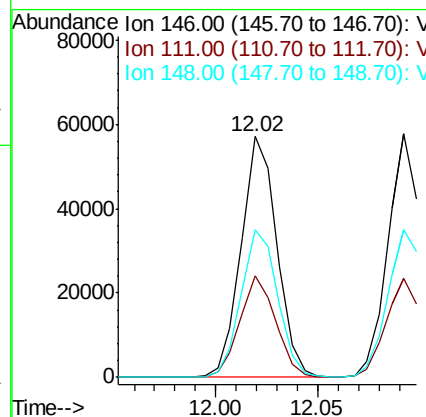
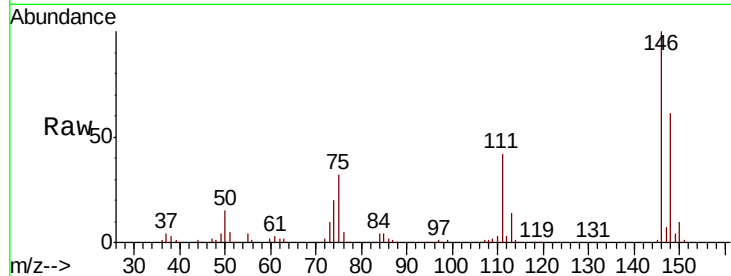
#83
 1,3-Dichlorobenzene
 Concen: 19.157 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013154.D
 Acq: 21 Oct 2019 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102119

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.8	65.4
148	62.5	31.2	93.6

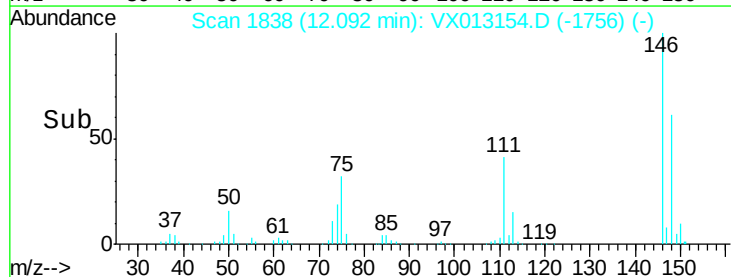
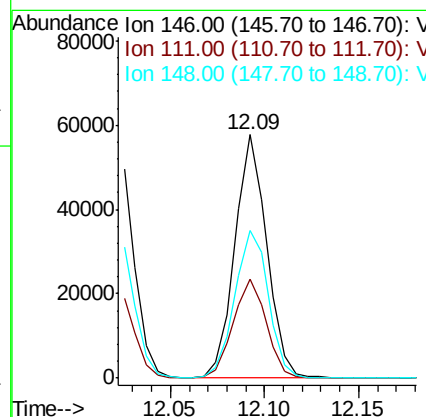
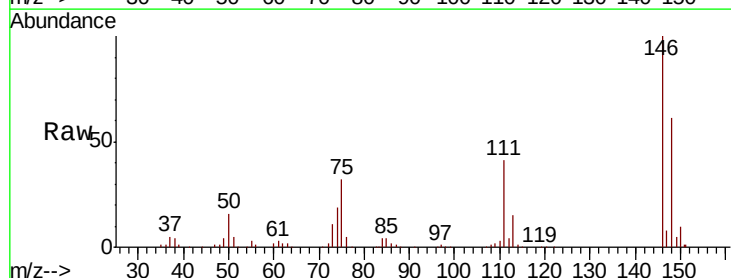
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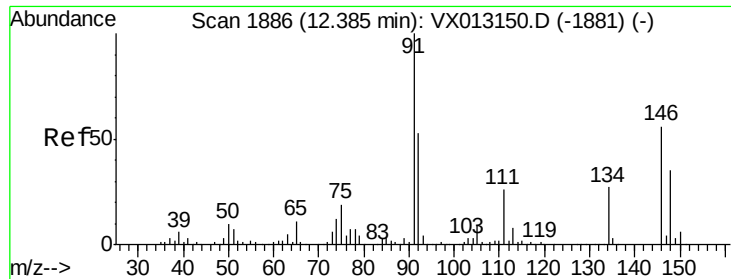
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#84
 1,4-Dichlorobenzene
 Concen: 18.839 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013154.D
 Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.3	60.9
148	64.0	31.4	94.2





#85

n-Butylbenzene

Concen: 18.401 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Instrument :

MSVOA_X

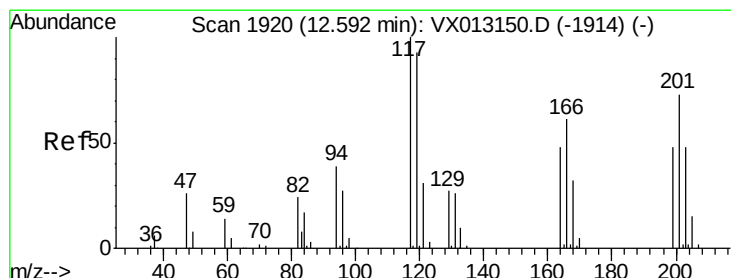
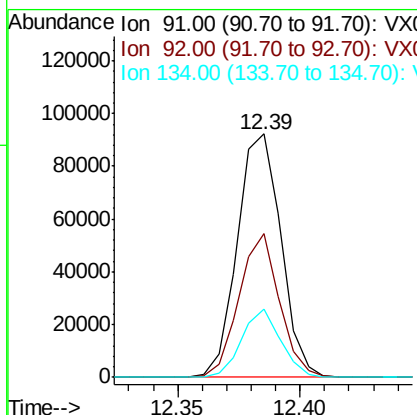
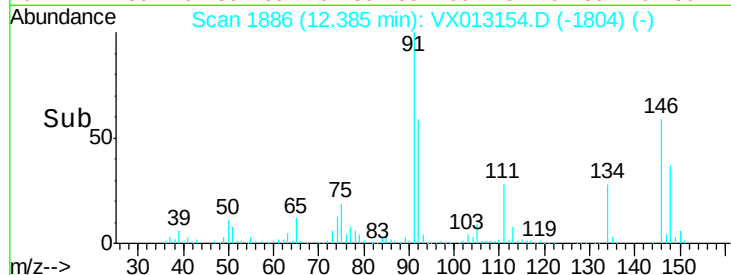
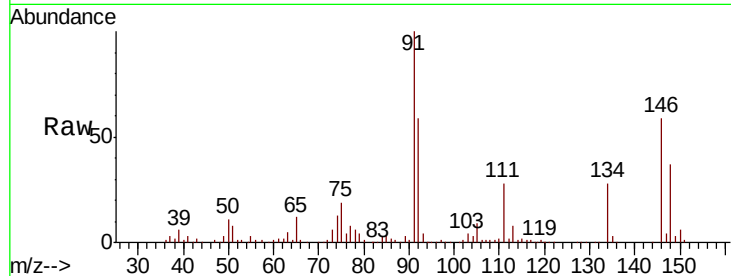
ClientSampleId :

ICVVX102119

Tot Ion:	91	Resp:	114002
Ion Ratio	Lower	Upper	
91	100		
92	55.0	0.0	106.8
134	25.2	0.0	52.4

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#86

Hexachloroethane

Concen: 18.608 ug/l

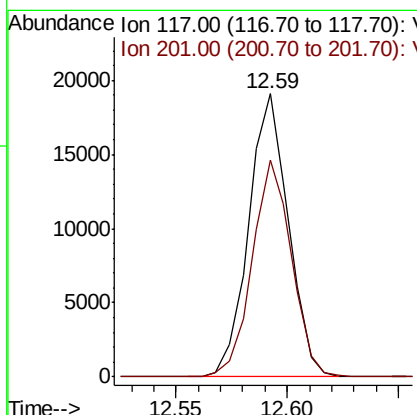
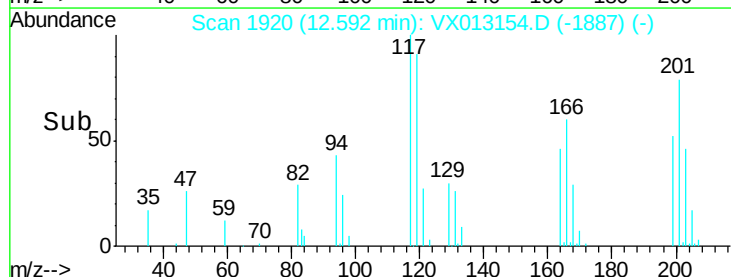
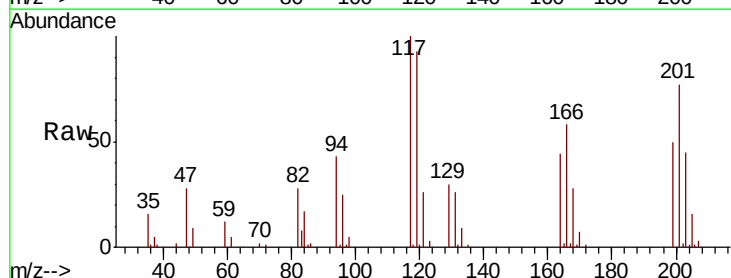
RT: 12.59 min Scan# 1920

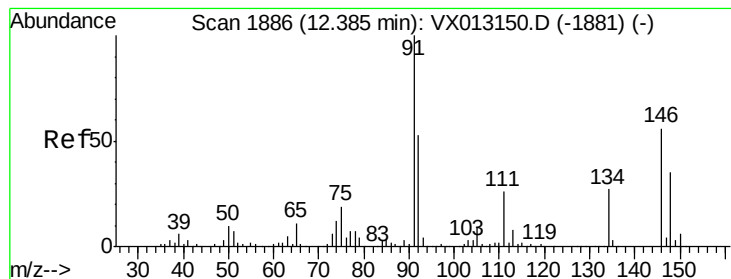
Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Tgt Ion:	117	Resp:	23689
Ion Ratio	Lower	Upper	
117	100		
201	75.9	35.9	107.5





#87

1,2-Dichlorobenzene

Concen: 19.520 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Instrument :

MSVOA_X

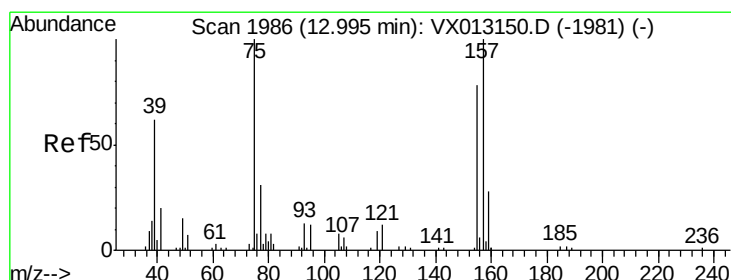
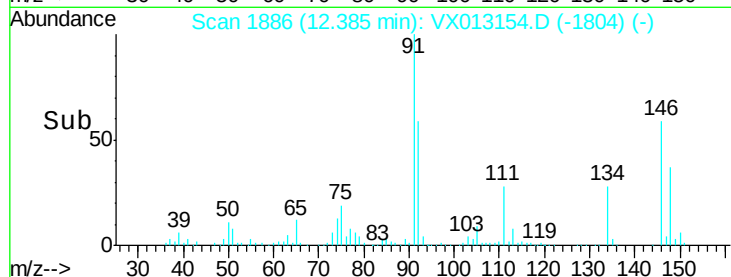
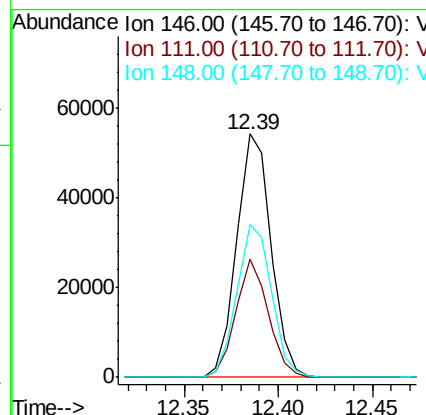
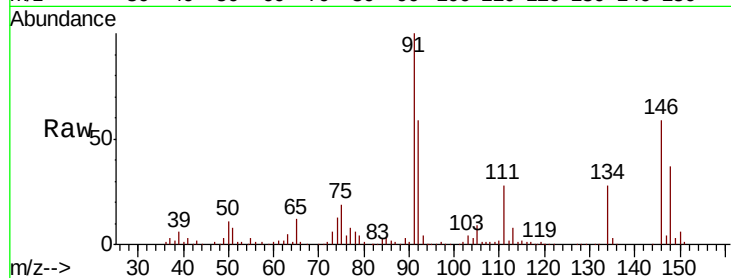
ClientSampleId :

ICVVX102119

Tot Ion:	146	Resp:	68748
Ion Ratio	Lower	Upper	
146	100		
111	45.6	22.5	67.5
148	63.6	31.4	94.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.871 ug/l

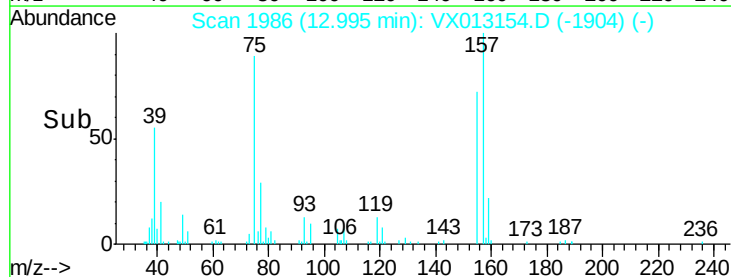
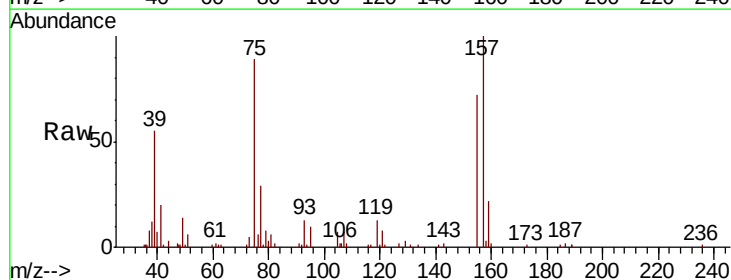
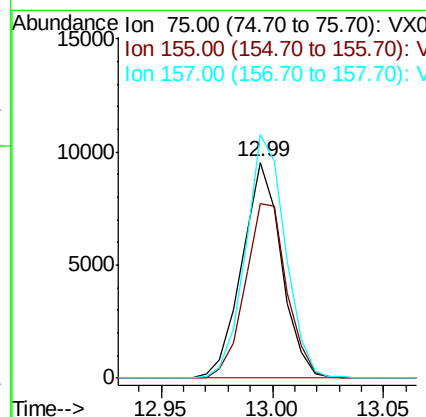
RT: 12.99 min Scan# 1986

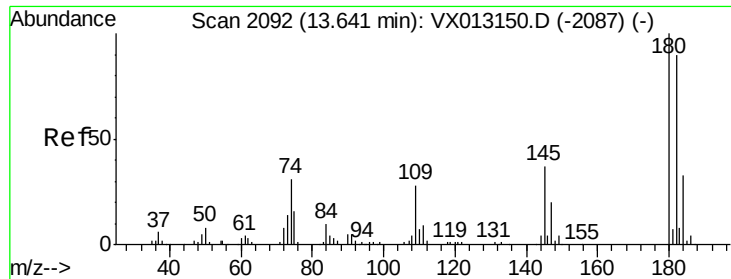
Delta R.T. -0.00 min

Lab File: VX013154.D

Acq: 21 Oct 2019 15:50

Tgt Ion:	75	Resp:	11804
Ion Ratio	Lower	Upper	
75	100		
155	85.3	65.4	98.0
157	113.5	84.1	126.1





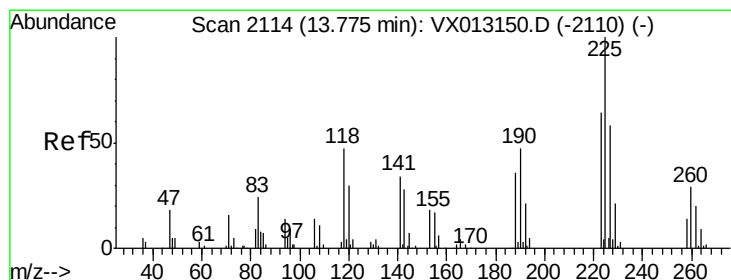
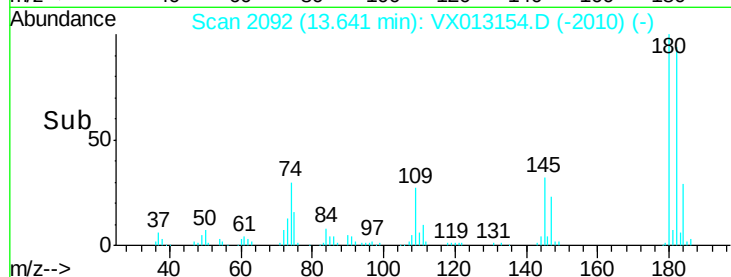
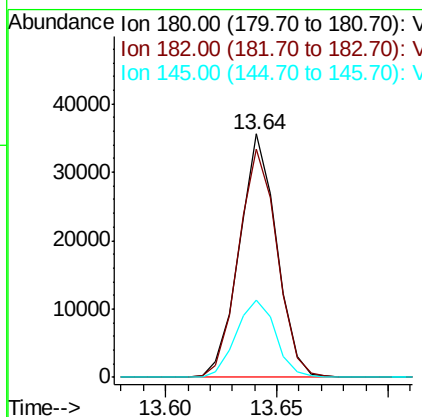
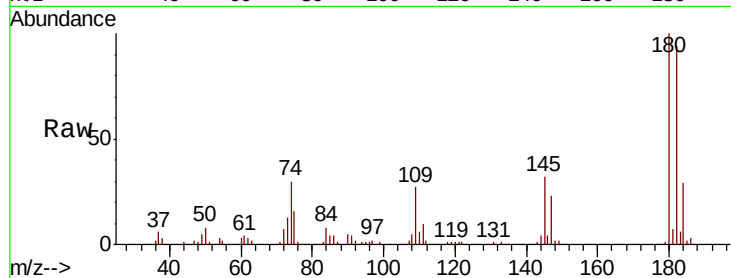
#89
1,2,4-Trichlorobenzene
Concen: 18.980 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102119

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.1	114.1
145	33.7	27.4	41.2

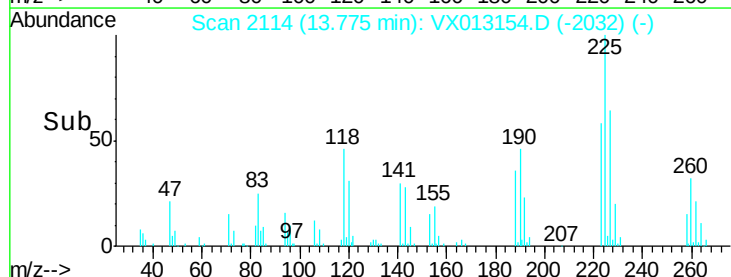
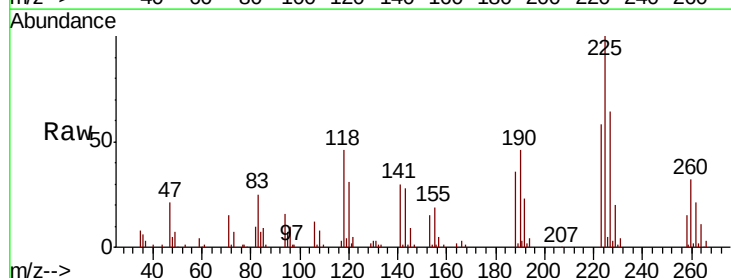
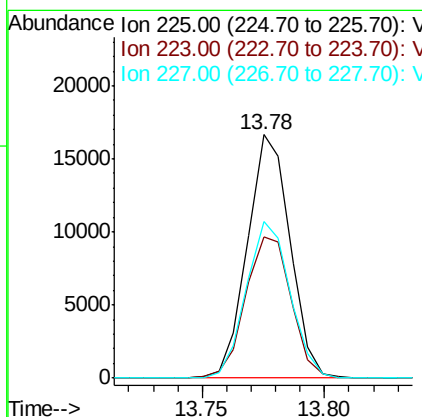
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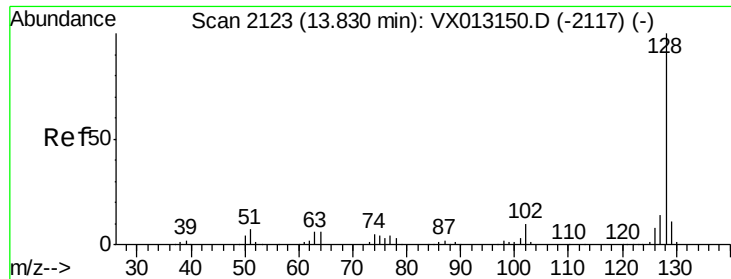
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#90
Hexachlorobutadiene
Concen: 18.246 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	0.0	131.2
227	65.8	0.0	127.0





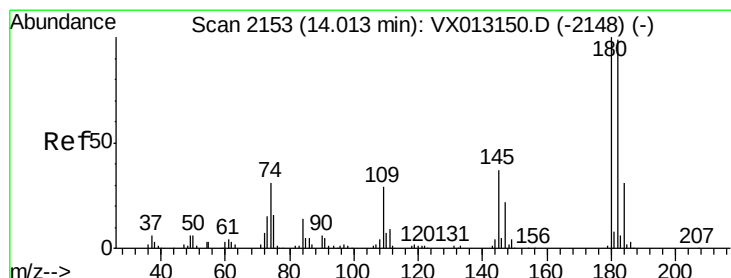
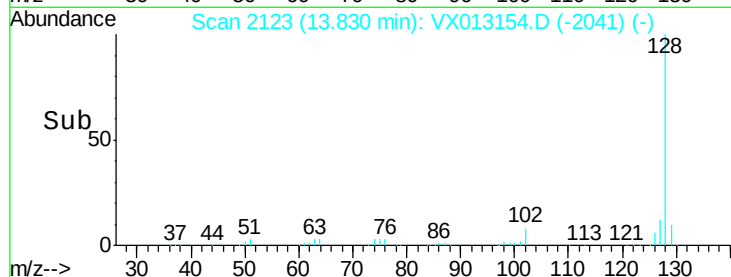
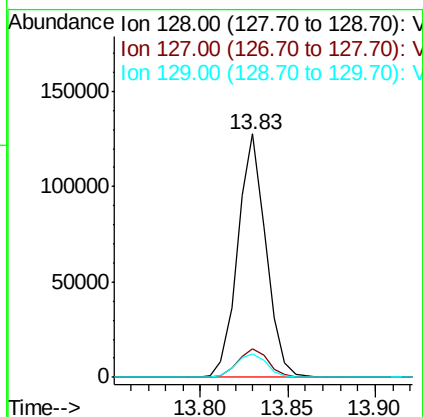
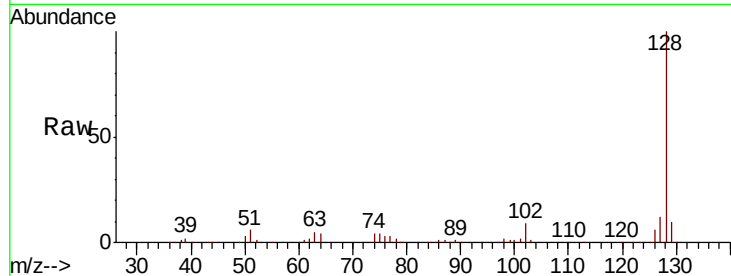
#91
Naphthalene
Concen: 20.019 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102119

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.7	8.6	12.8

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#92
1,2,3-Trichlorobenzene
Concen: 19.340 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013154.D
Acq: 21 Oct 2019 15:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.8	0.0	194.4
145	36.9	0.0	71.2

