

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032319\
 Data File : VX008352.D
 Acq On : 23 Mar 2019 15:31
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032319

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:16:59 AM

Quant Time: Mar 25 08:20:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	217404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367655	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	326493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159028	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	154543	46.61	ug/l	0.00
Spiked Amount			Recovery	=	93.22%	
35) Dibromofluoromethane	5.50	113	114191	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
50) Toluene-d8	8.71	98	462541	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.13	95	170378	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	114318	46.450	ug/l	98
3) Chloromethane	1.32	50	164665	45.134	ug/l	98
4) Vinyl Chloride	1.40	62	162566	45.653	ug/l	99
5) Bromomethane	1.64	94	104336	46.530	ug/l	99
6) Chloroethane	1.71	64	92264	44.241	ug/l	98
7) Trichlorofluoromethane	1.92	101	184120	45.468	ug/l	99
8) Diethyl Ether	2.18	74	85997	44.353	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112645	46.958	ug/l	89
10) Methyl Iodide	2.51	142	147323	48.408	ug/l	98
11) Tert butyl alcohol	3.05	59	169297	229.222	ug/l	99
12) 1,1-Dichloroethene	2.37	96	114763	46.347	ug/l	91
13) Acrolein	2.29	56	139590	221.176	ug/l	99
14) Allyl chloride	2.73	41	252672	46.126	ug/l	95
15) Acrylonitrile	3.14	53	428056	226.322	ug/l	99
16) Acetone	2.45	43	365590	220.581	ug/l	98
17) Carbon Disulfide	2.57	76	358648	45.296	ug/l	100
18) Methyl Acetate	2.77	43	183449	44.220	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	414472	46.474	ug/l	99
20) Methylene Chloride	2.85	84	133016	44.581	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	122337	45.627	ug/l	90
22) Diisopropyl ether	3.85	45	495943	46.499	ug/l #	87
23) Vinyl Acetate	3.81	43	2230962	236.909	ug/l	97
24) 1,1-Dichloroethane	3.70	63	251237	46.201	ug/l	99
25) 2-Butanone	4.67	43	617146	226.137	ug/l	97
26) 2,2-Dichloropropane	4.58	77	165491	47.236	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	140469	45.741	ug/l	90
28) Bromochloromethane	5.01	49	128892	47.480	ug/l #	79
29) Tetrahydrofuran	5.13	42	409130	225.779	ug/l	95
30) Chloroform	5.21	83	225732	46.041	ug/l	100
31) Cyclohexane	5.58	56	244409	46.871	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	182761	47.117	ug/l	96
36) 1,1-Dichloropropene	5.80	75	183370	48.809	ug/l	96
37) Ethyl Acetate	4.83	43	236321	46.478	ug/l	98
38) Carbon Tetrachloride	5.78	117	153136	47.551	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227125	49.322	ug/l	92
40) Benzene	6.14	78	537418	46.972	ug/l	99
41) Methacrylonitrile	5.04	41	134771	48.629	ug/l	96
42) 1,2-Dichloroethane	6.19	62	190729	45.936	ug/l	96
43) Isopropyl Acetate	6.45	43	379959	47.990	ug/l	97
44) Trichloroethene	7.21	130	124072	46.697	ug/l	88
45) 1,2-Dichloropropane	7.51	63	153278	47.322	ug/l	100
46) Dibromomethane	7.66	93	88154	45.861	ug/l #	85
47) Bromodichloromethane	7.90	83	175091	47.755	ug/l	99
48) Methyl methacrylate	7.77	41	191520	47.938	ug/l	94
49) 1,4-Dioxane	7.74	88	73579	912.817	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	1224262	235.670	ug/l	97
52) Toluene	8.78	92	323399	48.205	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	200298	50.811	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	222820	49.855	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	130161	46.708	ug/l	96
56) Ethyl methacrylate	9.18	69	242513	49.157	ug/l	91
57) 1,3-Dichloropropane	9.37	76	232439	46.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	659676	247.999	ug/l	92
59) 2-Hexanone	9.49	43	954286	239.299	ug/l	96
60) Dibromochloromethane	9.58	129	128695	49.754	ug/l	99
61) 1,2-Dibromoethane	9.67	107	135641	47.960	ug/l	99
64) Tetrachloroethene	9.34	164	103389	48.424	ug/l	96
65) Chlorobenzene	10.13	112	327997	47.902	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	116525	49.072	ug/l	97
67) Ethyl Benzene	10.25	91	628070	48.986	ug/l	97
68) m/p-Xylenes	10.36	106	455137	98.799	ug/l	93
69) o-Xylene	10.69	106	219368	48.699	ug/l	94
70) Styrene	10.71	104	388422	49.721	ug/l	97
71) Bromoform	10.85	173	91912	50.247	ug/l #	100
73) Isopropylbenzene	11.02	105	584575	46.579	ug/l	98
74) N-amyl acetate	10.90	43	352957	48.035	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	222698	44.548	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	187142m	44.959	ug/l	
77) Bromobenzene	11.26	156	136801	46.068	ug/l	80
78) n-propylbenzene	11.36	91	706596	48.037	ug/l	95
79) 2-Chlorotoluene	11.42	91	413094	46.104	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	506881	47.478	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	72860	49.881	ug/l	95
82) 4-Chlorotoluene	11.51	91	486620	47.133	ug/l	94
83) tert-Butylbenzene	11.77	119	479933	47.207	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	510734	47.937	ug/l	97
85) sec-Butylbenzene	11.94	105	587931	48.252	ug/l	96
86) p-Isopropyltoluene	12.06	119	525314	48.913	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	252461	47.336	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	253063	46.633	ug/l	97
89) n-Butylbenzene	12.38	91	512761	50.011	ug/l	97
90) Hexachloroethane	12.60	117	85681	48.297	ug/l	80
91) 1,2-Dichlorobenzene	12.39	146	253788	46.984	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50452	47.353	ug/l	78

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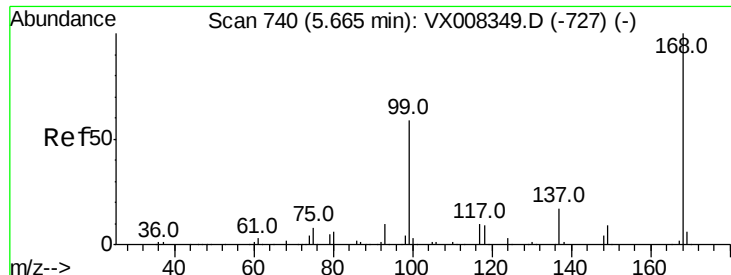
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	180356	49.514	ug/l	98
94) Hexachlorobutadiene	13.78	225	86748	50.394	ug/l	100
95) Naphthalene	13.83	128	619281	48.414	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	181274	49.319	ug/l	99

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



#1

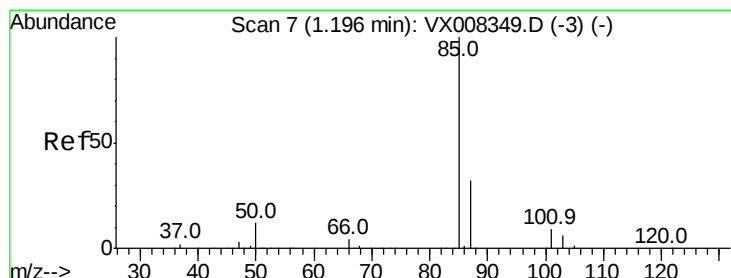
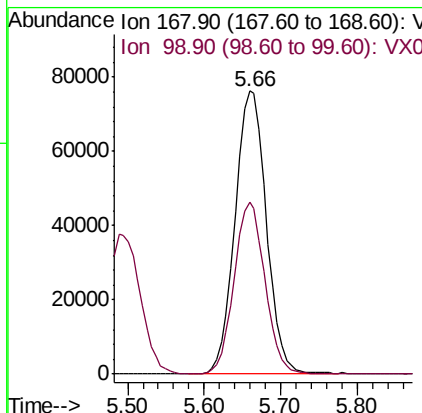
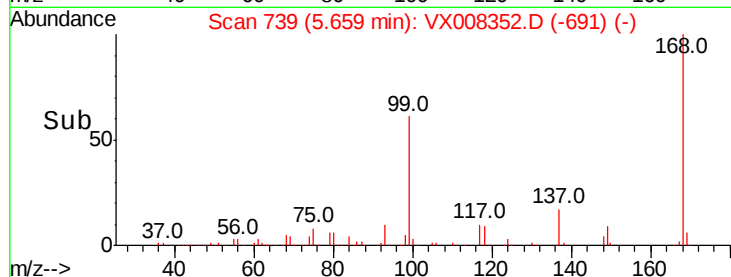
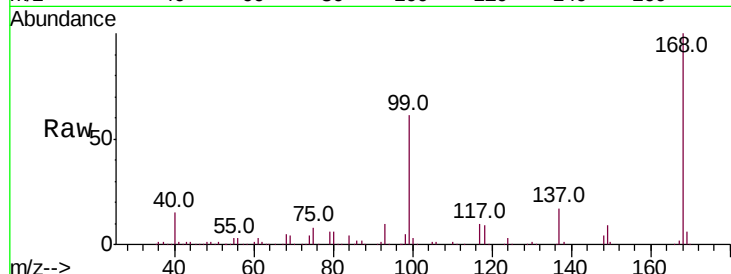
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032319

Tot Ion:168 Resp: 217404
 Ion Ratio Lower Upper
 168 100
 99 60.6 37.6 56.4#

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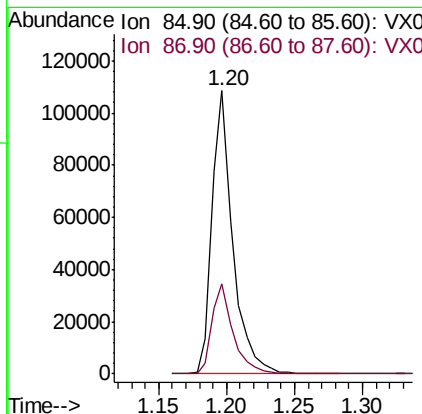
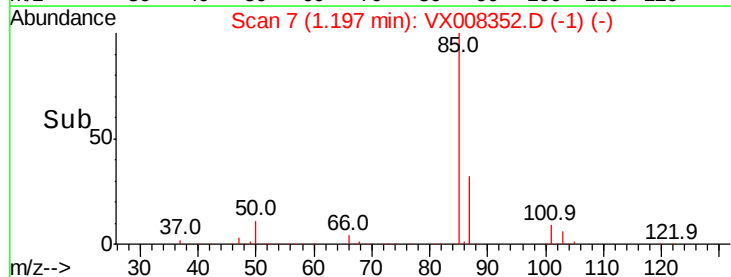
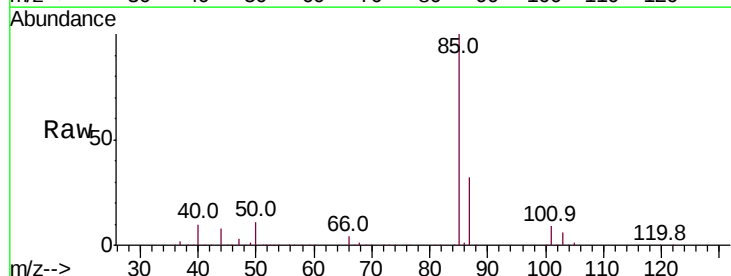
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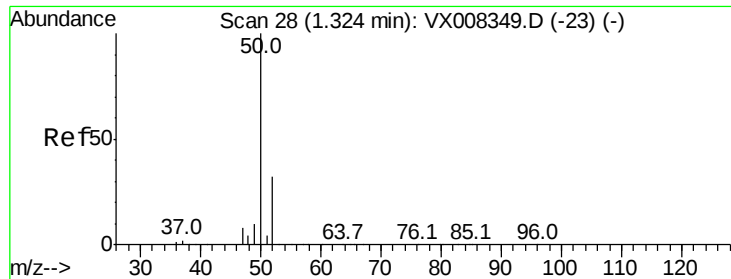


#2

Dichlorodifluoromethane
 Concen: 46.450 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Tgt Ion: 85 Resp: 114318
 Ion Ratio Lower Upper
 85 100
 87 31.7 16.4 49.1





#3

Chloromethane

Concen: 45.134 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

Tot Ion: 50 Resp: 164665

Ion Ratio Lower Upper

50 100

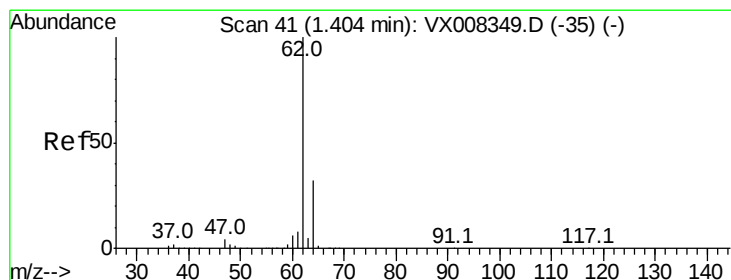
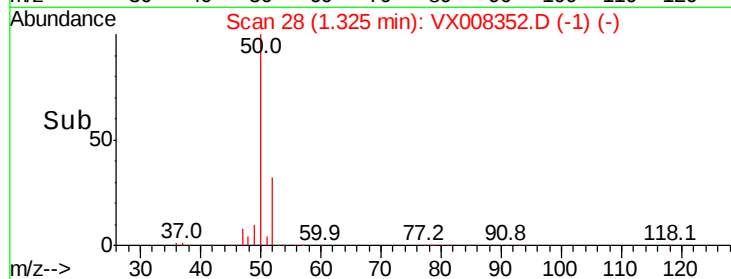
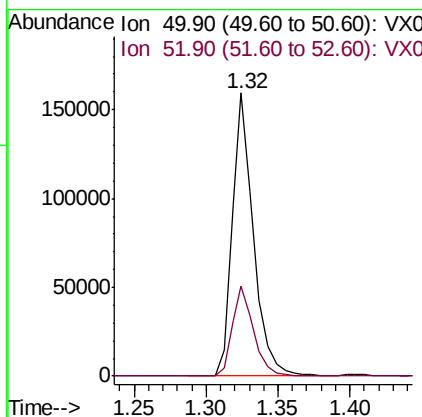
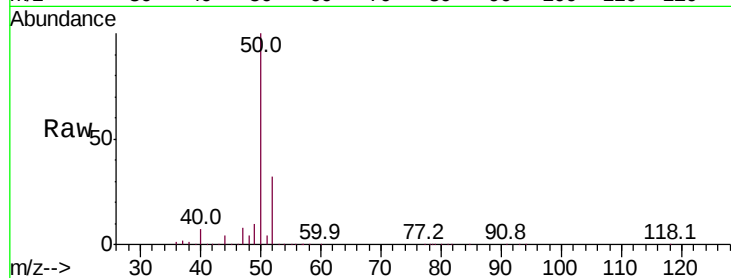
52 32.0 26.5 39.7

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#4

Vinyl Chloride

Concen: 45.653 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008352.D

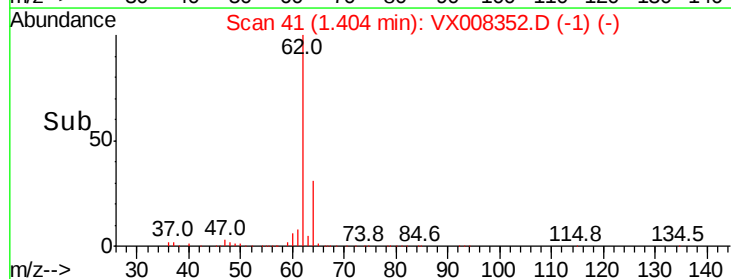
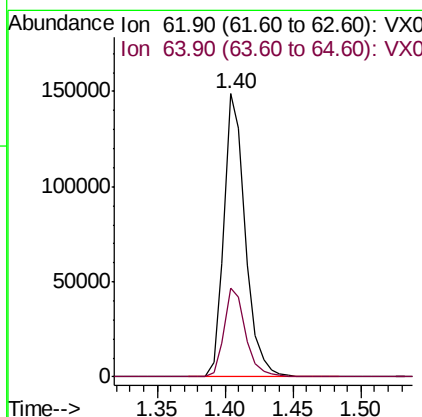
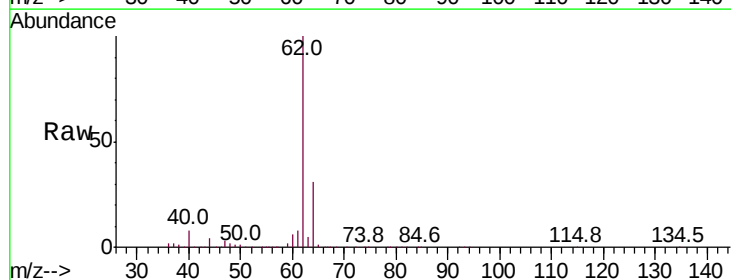
Acq: 23 Mar 2019 15:31

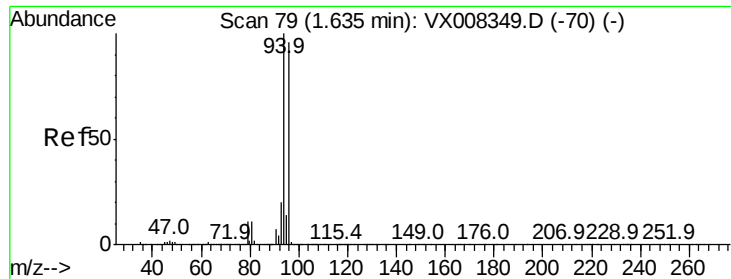
Tgt Ion: 62 Resp: 162566

Ion Ratio Lower Upper

62 100

64 31.1 25.3 37.9





#5

Bromomethane

Concen: 46.530 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 104336

Ion Ratio Lower Upper

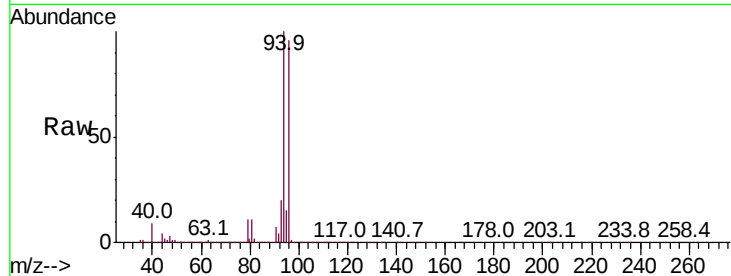
94 100

96 95.7 75.5 113.3

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

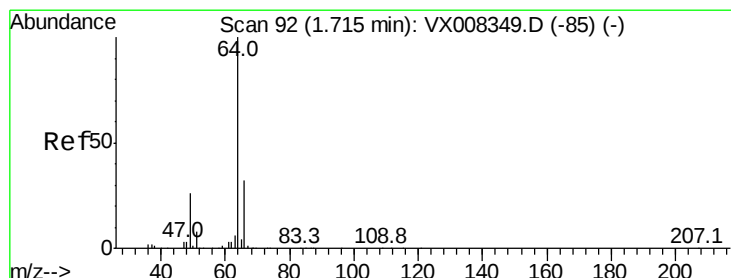
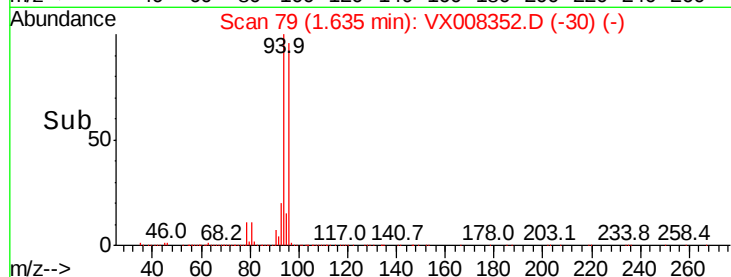
60000

40000

20000

0

Time--> 1.50 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 44.241 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008352.D

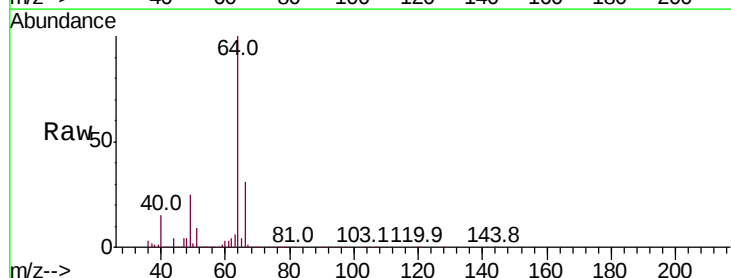
Acq: 23 Mar 2019 15:31

Tgt Ion: 64 Resp: 92264

Ion Ratio Lower Upper

64 100

66 30.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

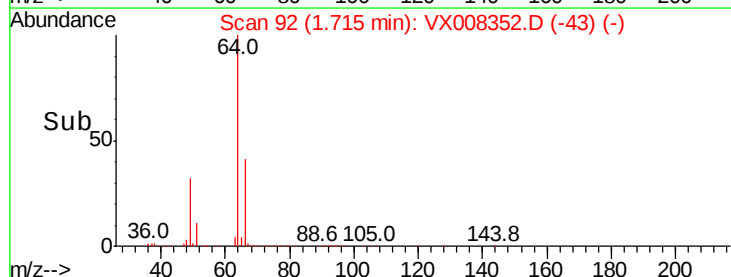
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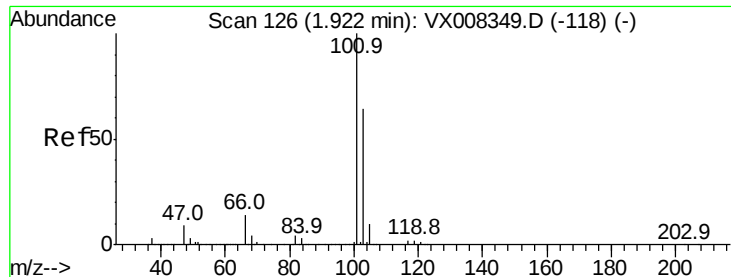
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20000

0

Time--> 1.70 1.80





#7

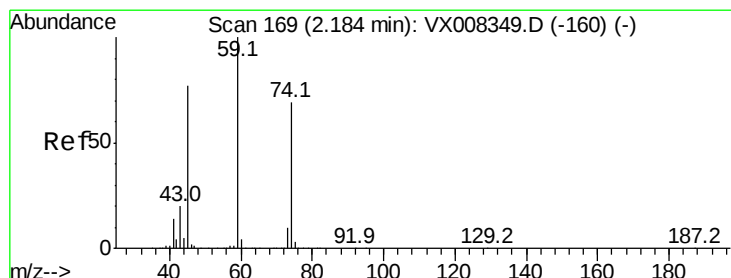
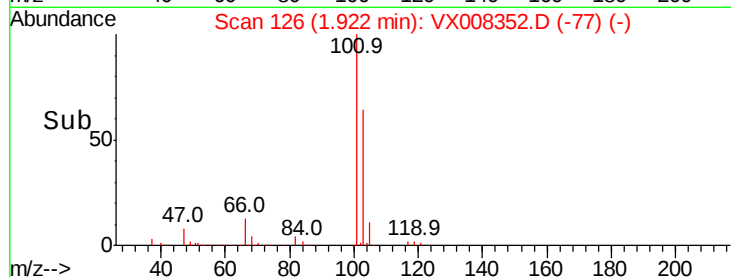
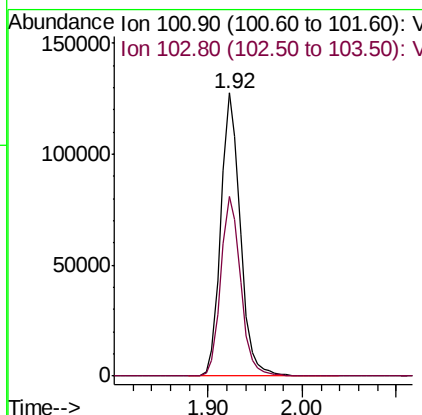
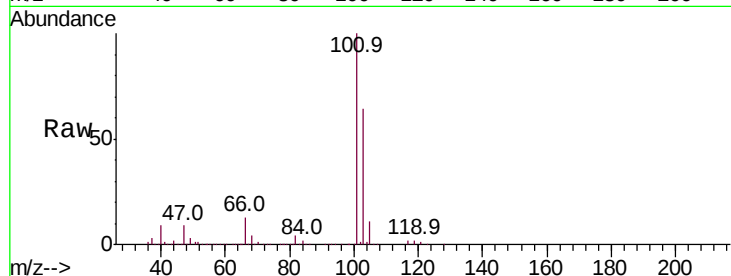
Trichlorofluoromethane
Concen: 45.468 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX008352.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	184120		
103	63.6	50.4	75.6	

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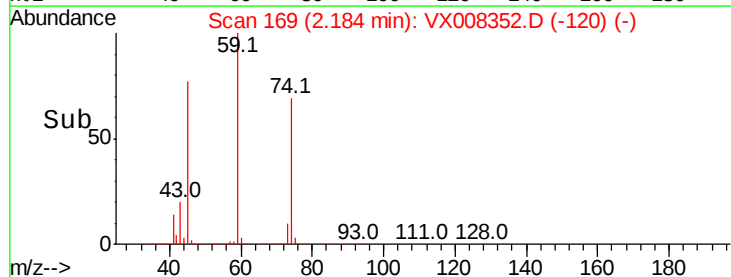
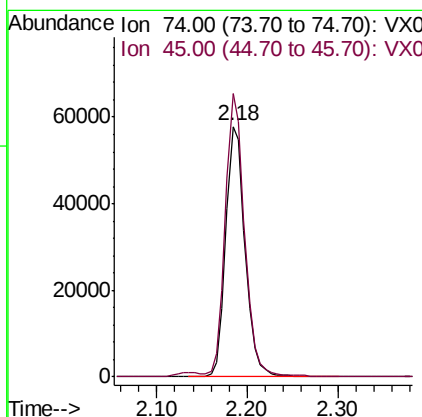
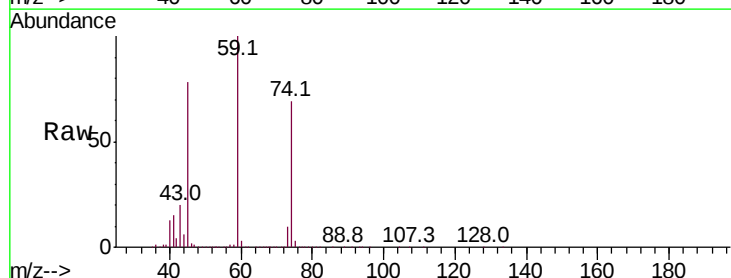
MMDadoda
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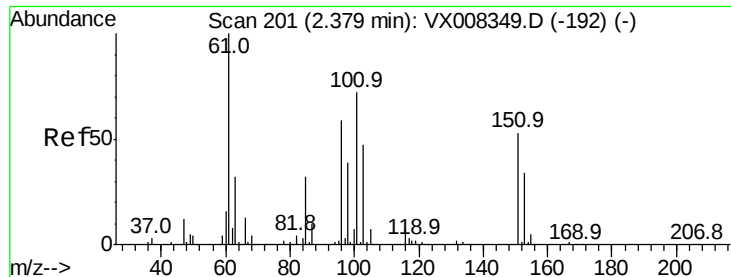


#8

Diethyl Ether
Concen: 44.353 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	85997		
45	112.1	52.1	156.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.958 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008352.D

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MSVOA_X

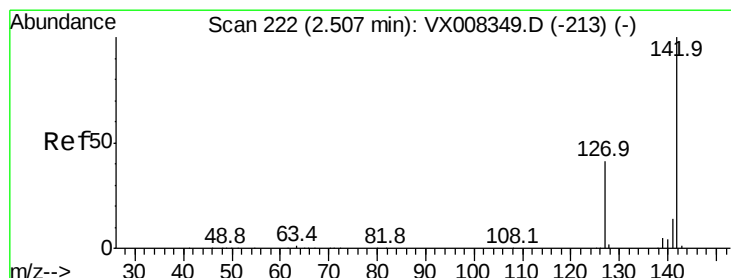
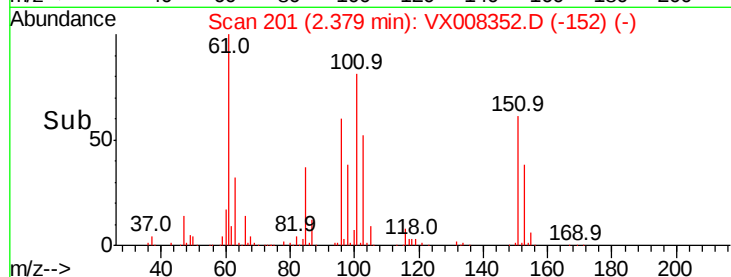
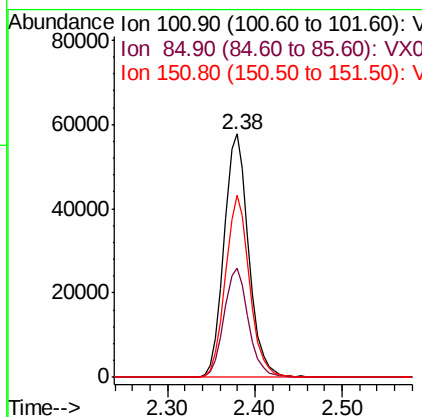
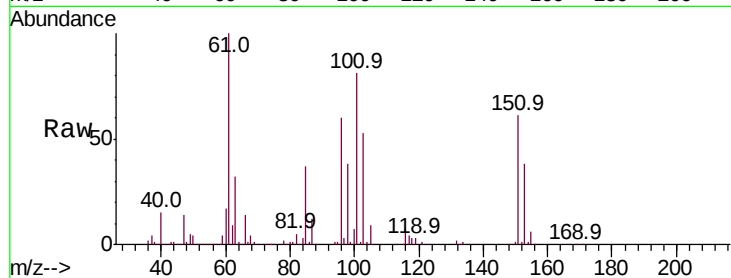
ClientSampleId :

ICVVX032319

Tot Ion:	101	Resp:	112645
Ion Ratio	Lower	Upper	
101	100		
85	44.6	33.8	50.6
151	73.5	69.1	103.7

Manual Integrations
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#10

Methyl Iodide

Concen: 48.408 ug/l

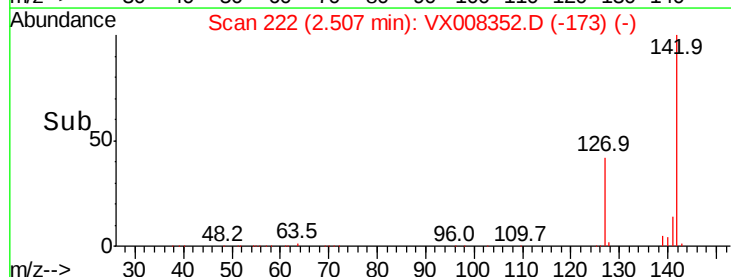
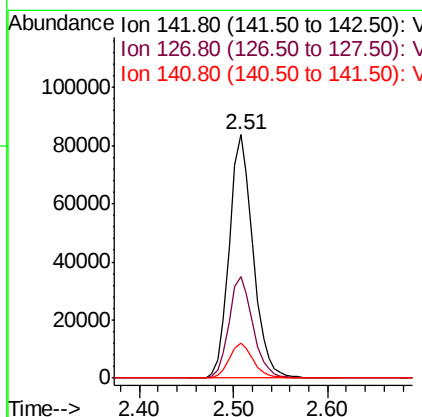
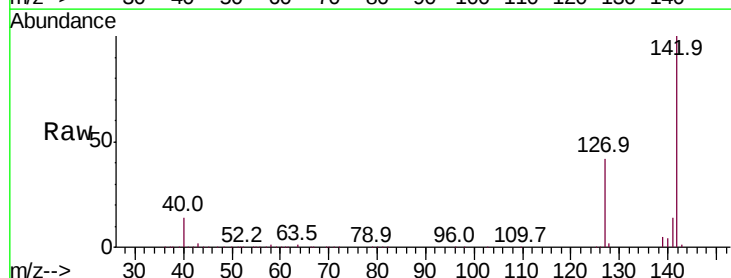
RT: 2.51 min Scan# 222

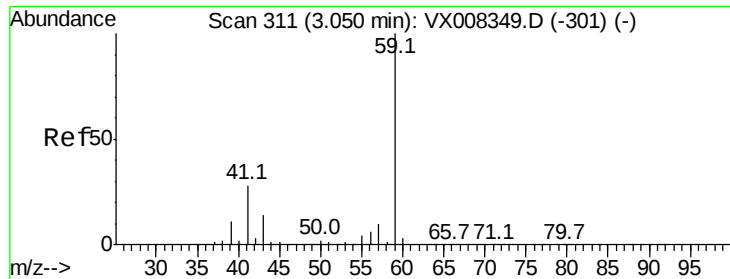
Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Tgt Ion:	142	Resp:	147323
Ion Ratio	Lower	Upper	
142	100		
127	42.0	32.1	48.1
141	14.5	11.4	17.2





#11

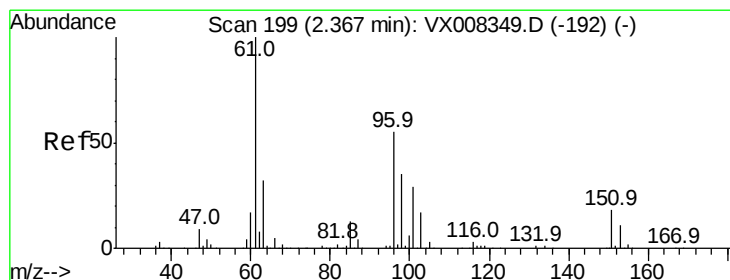
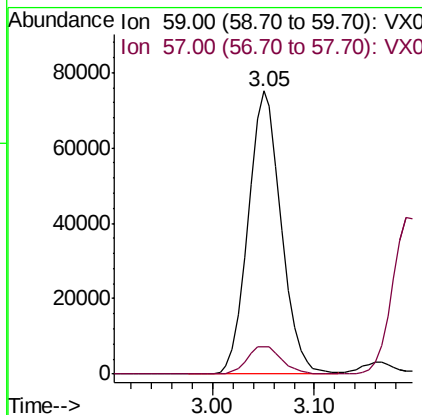
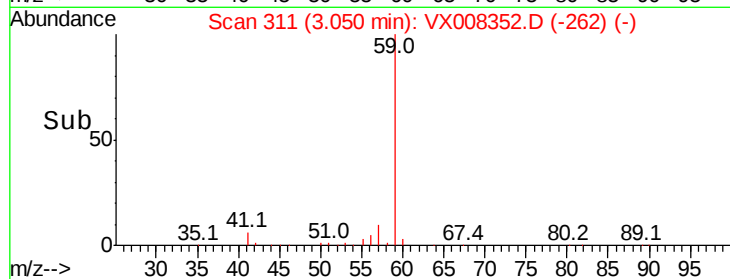
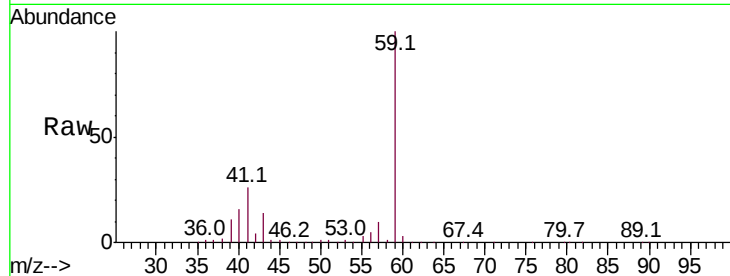
Tert butyl alcohol
Concen: 229.222 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

Tot Ion: 59 Resp: 169297
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2

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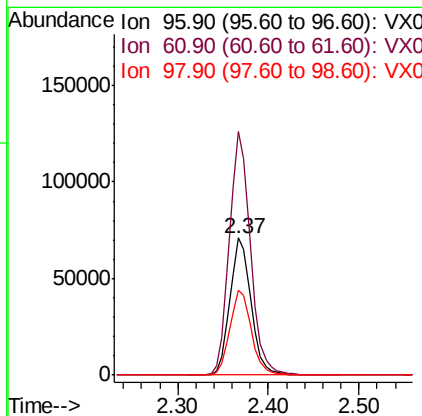
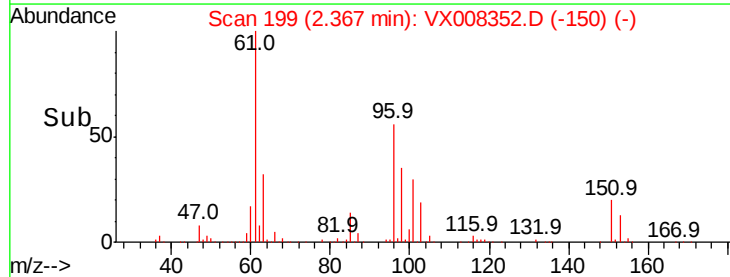
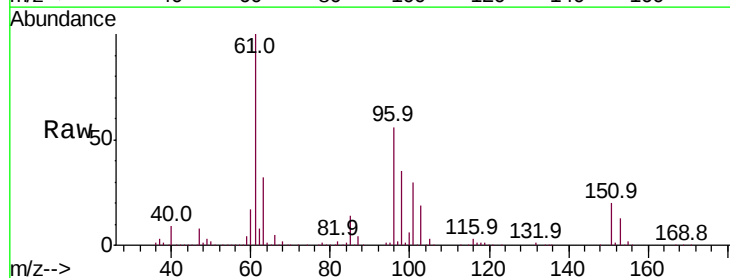
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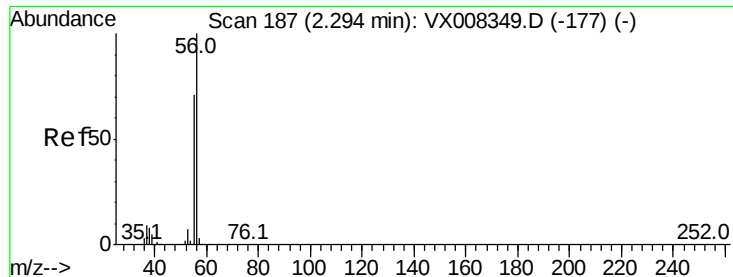


#12

1,1-Dichloroethene
Concen: 46.347 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion: 96 Resp: 114763
Ion Ratio Lower Upper
96 100
61 177.4 129.8 194.6
98 62.1 51.0 76.6





#13

Acrolein

Concen: 221.176 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

Tot Ion: 56 Resp: 139590

Ion Ratio Lower Upper

56 100

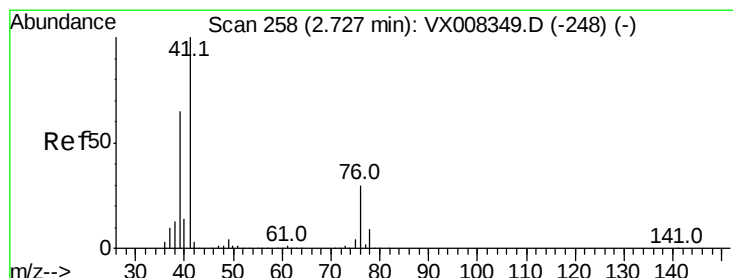
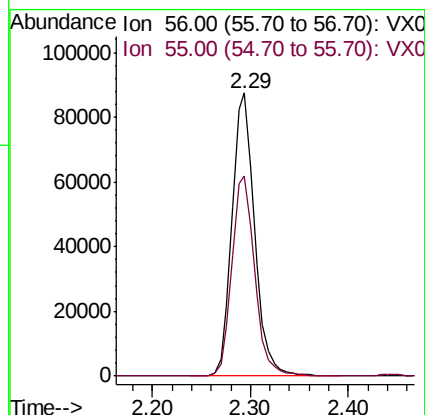
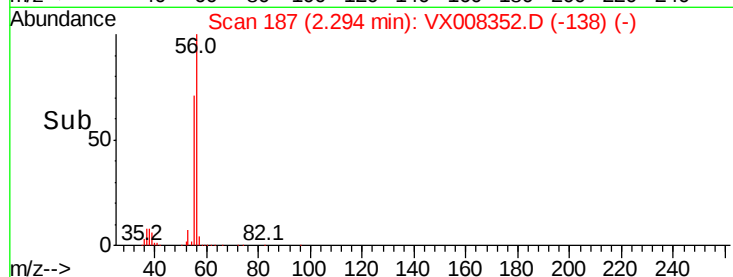
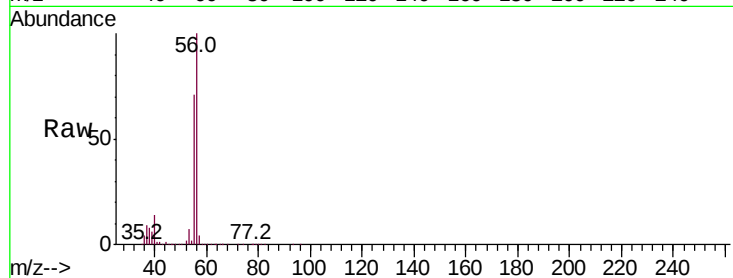
55 71.6 57.8 86.6

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#14

Allyl chloride

Concen: 46.126 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

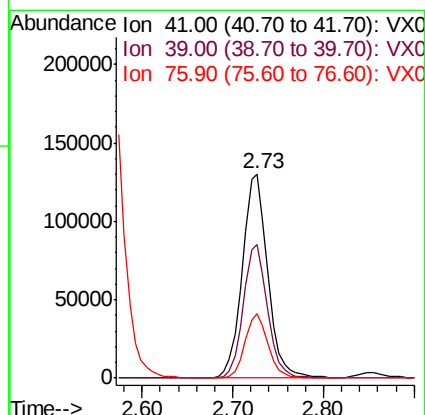
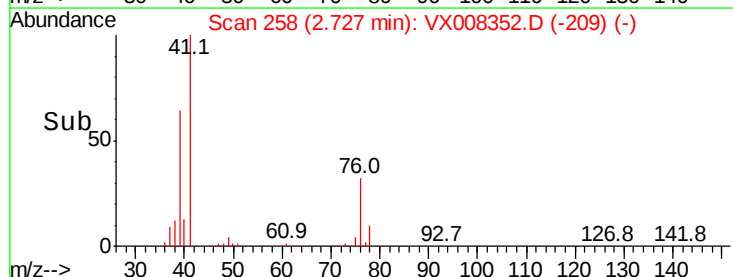
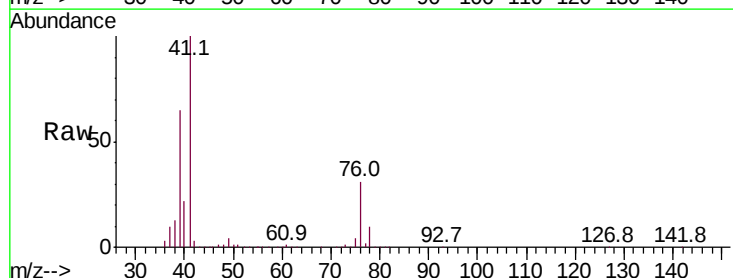
Tgt Ion: 41 Resp: 252672

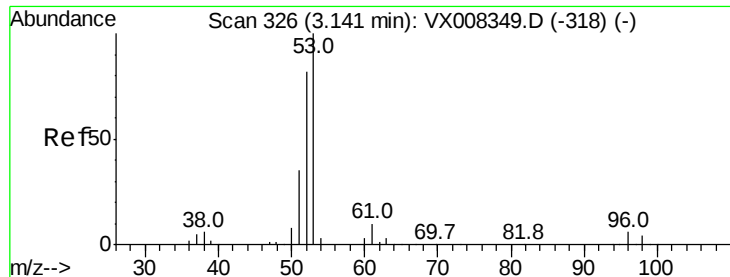
Ion Ratio Lower Upper

41 100

39 61.9 46.1 69.1

76 28.4 24.0 36.0





#15

Acrylonitrile

Concen: 226.322 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

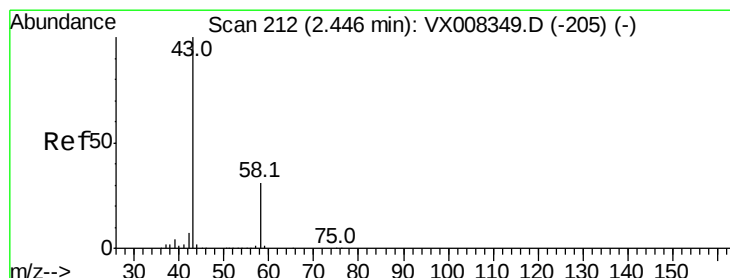
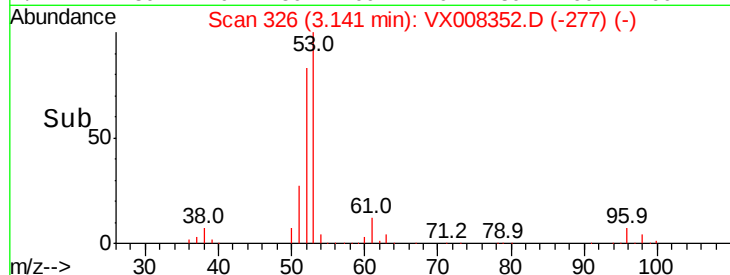
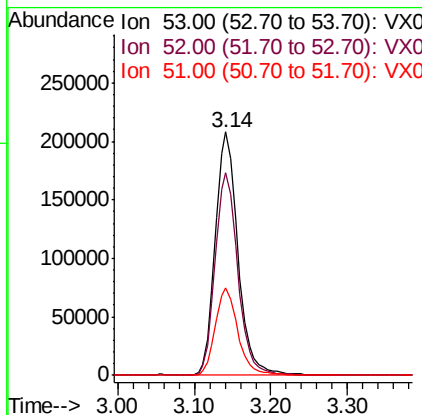
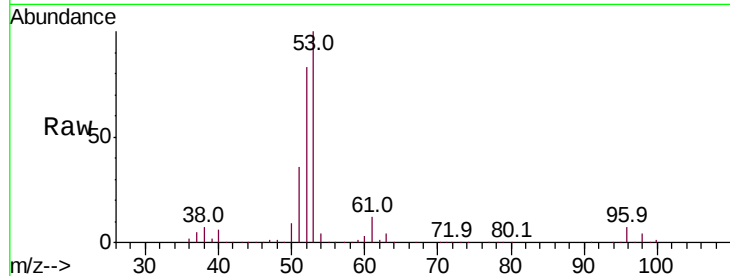
ClientSampleId :

ICVVX032319

Tot Ion:	53	Resp:	428056
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.0	99.0
51	35.7	28.0	42.0

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#16

Acetone

Concen: 220.581 ug/l

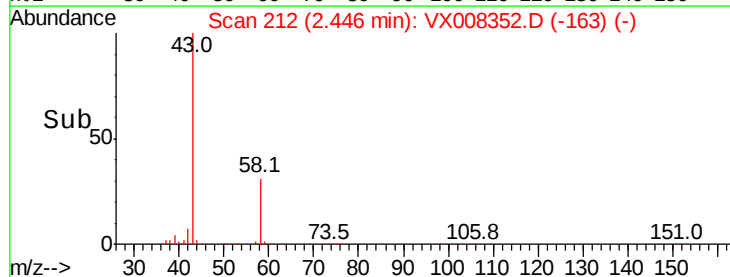
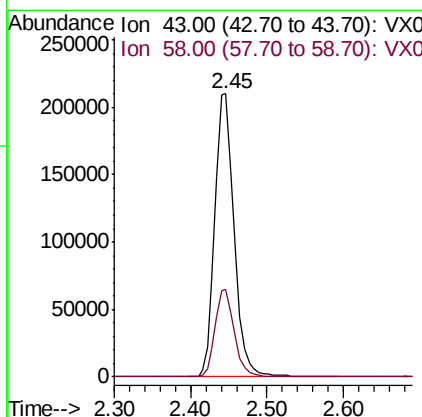
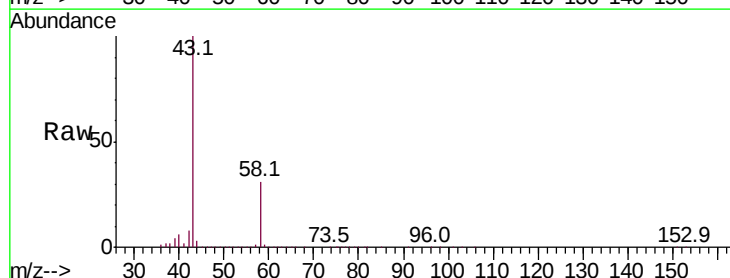
RT: 2.45 min Scan# 212

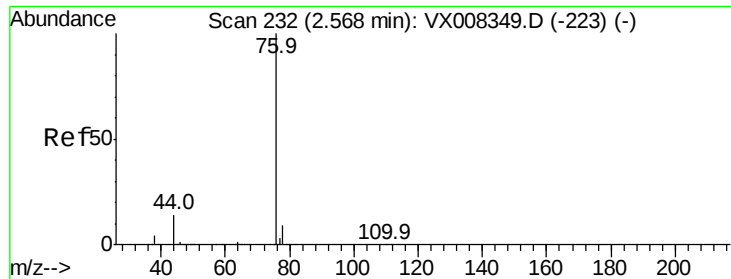
Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Tgt Ion:	43	Resp:	365590
Ion Ratio	Lower	Upper	
43	100		
58	30.7	25.5	38.3





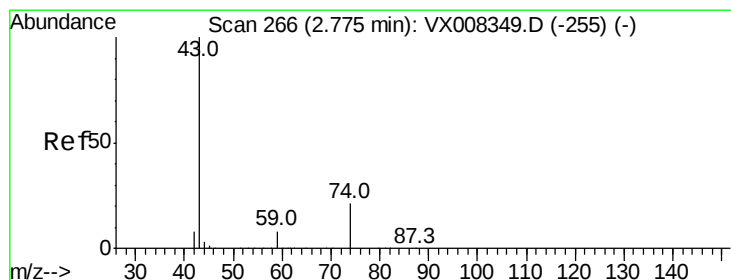
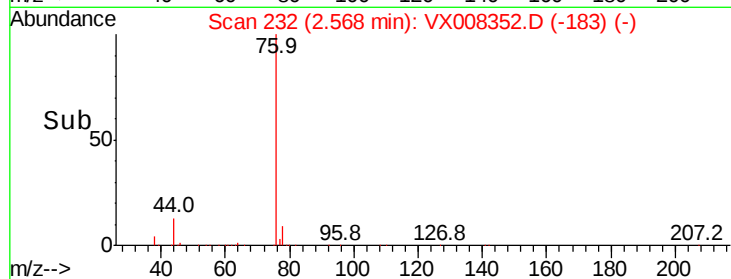
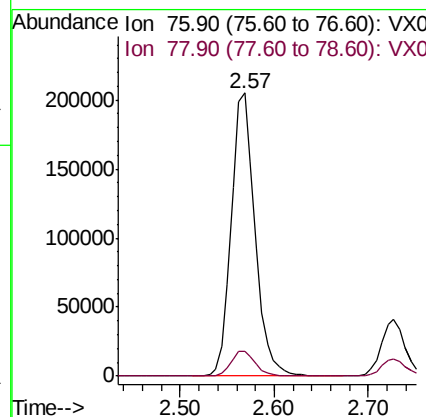
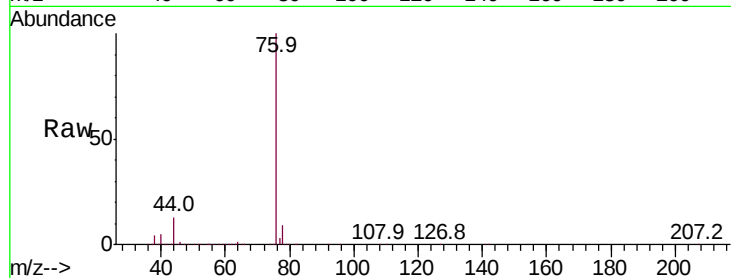
#17
Carbon Disulfide
Concen: 45.296 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

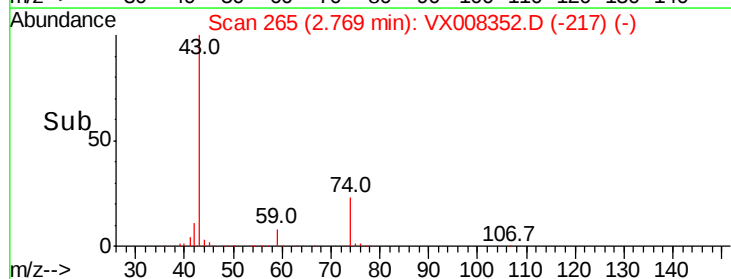
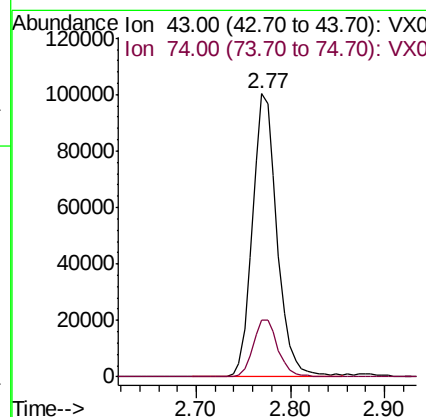
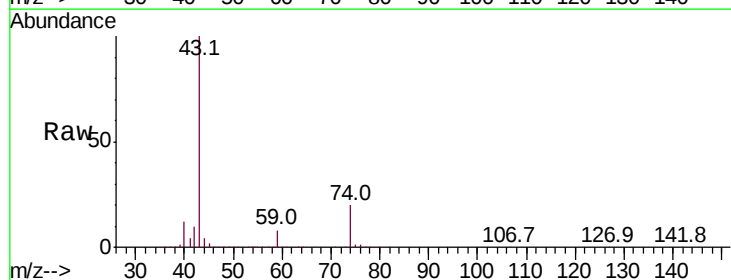
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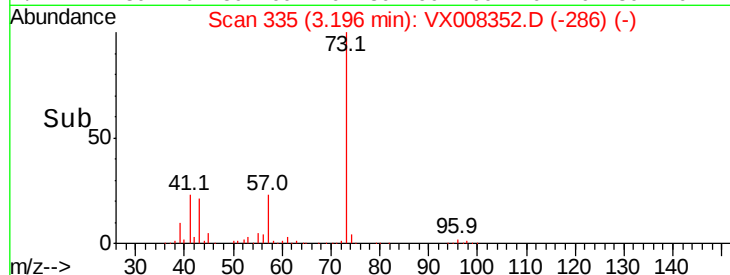
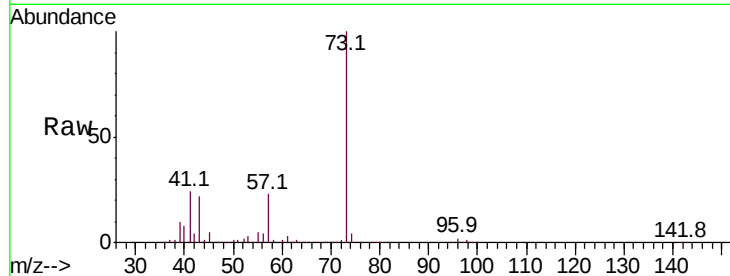
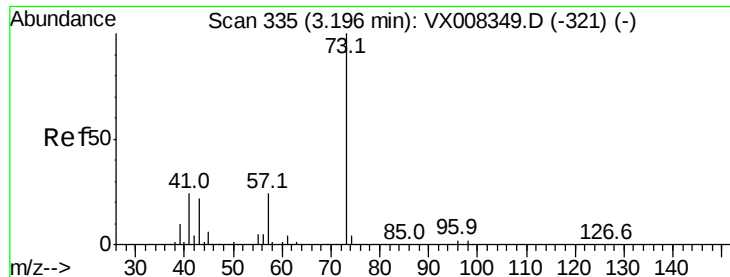
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#18
Methyl Acetate
Concen: 44.220 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	17.8	26.6





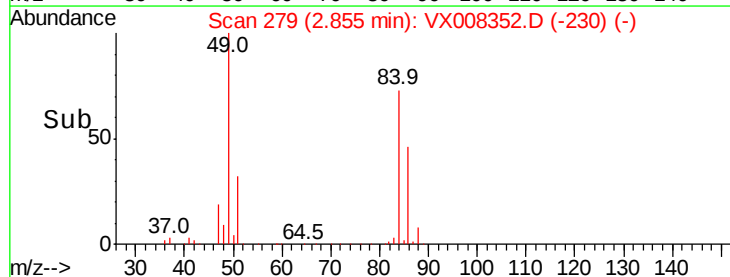
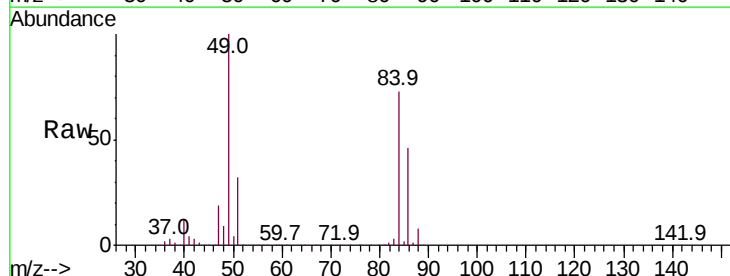
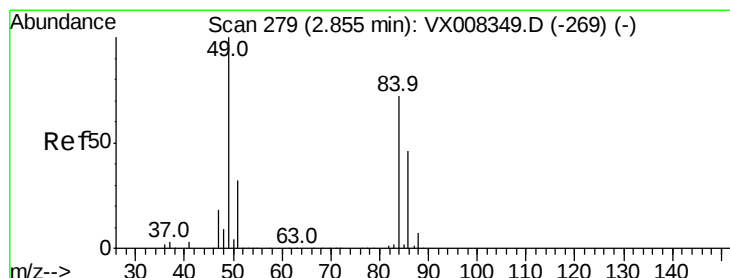
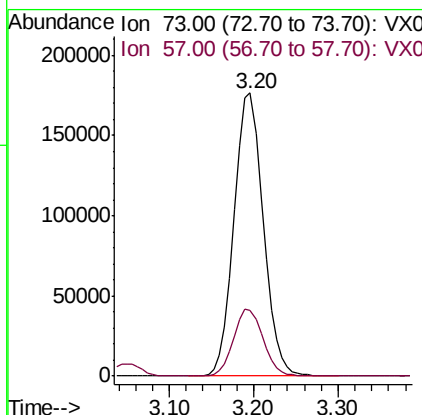
#19
Methvl tert-butvl Ether
Concen: 46.474 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.2	27.4

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

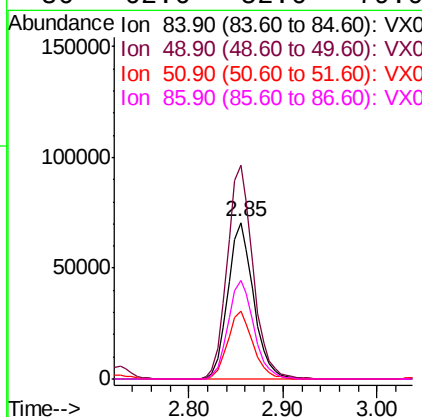
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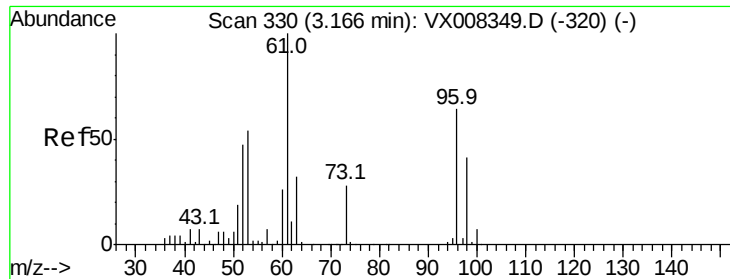
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#20
Methylene Chloride
Concen: 44.581 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.2	99.3	148.9
51	42.9	31.3	46.9
86	62.6	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 45.627 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

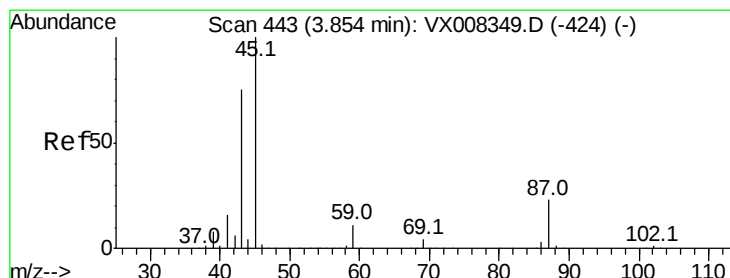
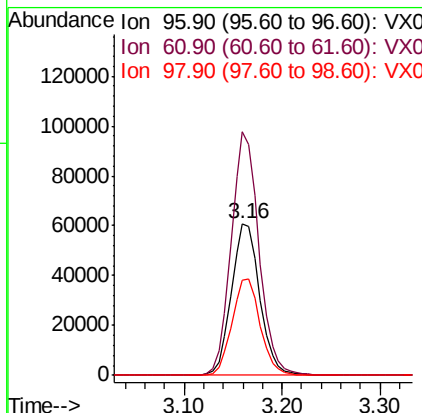
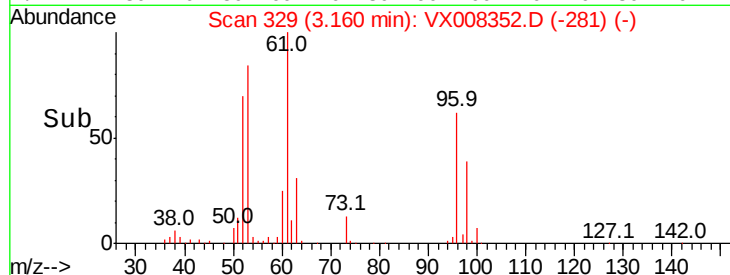
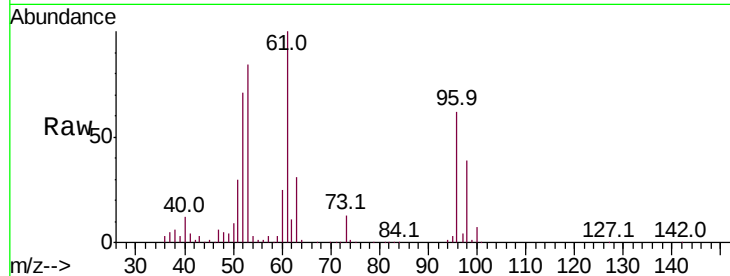
ClientSampleId :

ICVVX032319

Tot Ion:	96	Resp:	122337
Ion	Ratio	Lower	Upper
96	100		
61	160.2	114.4	171.6
98	63.0	51.1	76.7

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#22

Diisopropyl ether

Concen: 46.499 ug/l

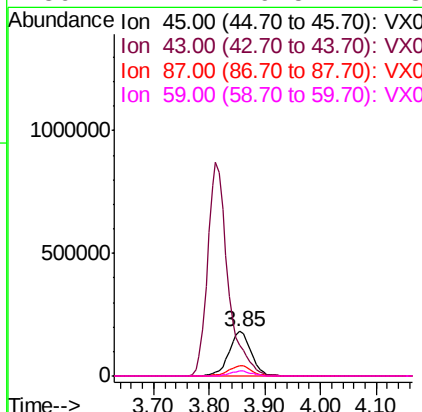
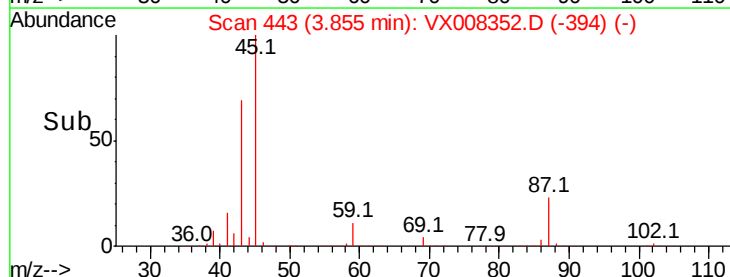
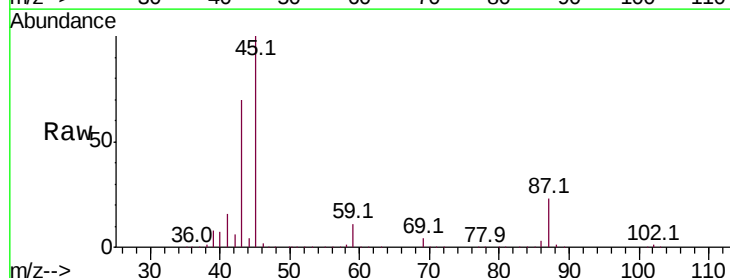
RT: 3.85 min Scan# 443

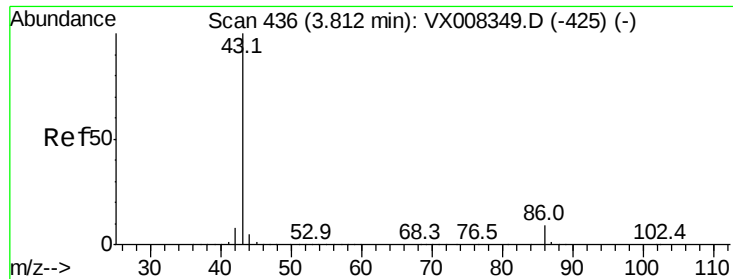
Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Tgt Ion:	45	Resp:	495943
Ion	Ratio	Lower	Upper
45	100		
43	69.2	45.3	67.9#
87	22.7	21.4	32.0
59	11.1	9.5	14.3





#23

Vinyl Acetate

Concen: 236.909 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

Tot Ion: 43 Resp: 2230962

Ion Ratio Lower Upper

43 100

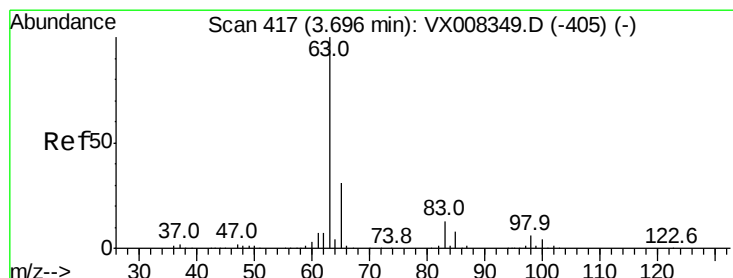
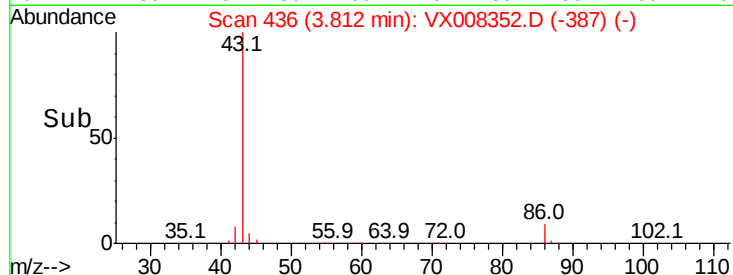
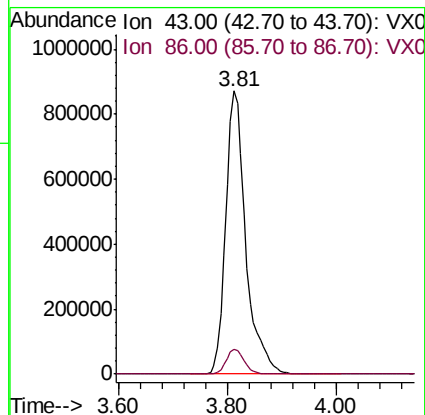
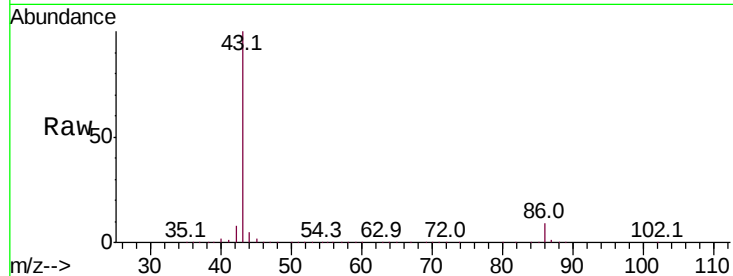
86 8.7 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 46.201 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

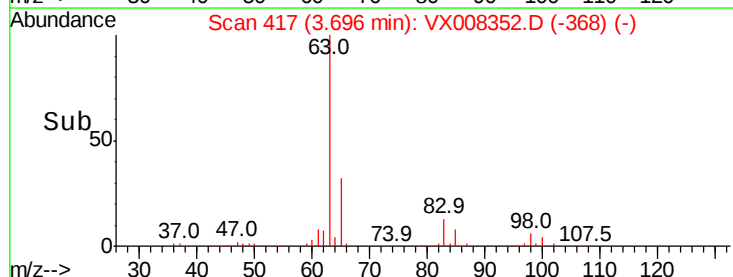
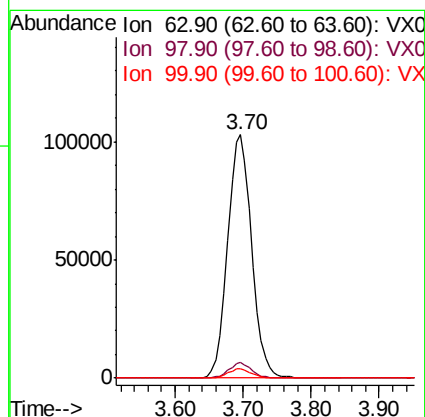
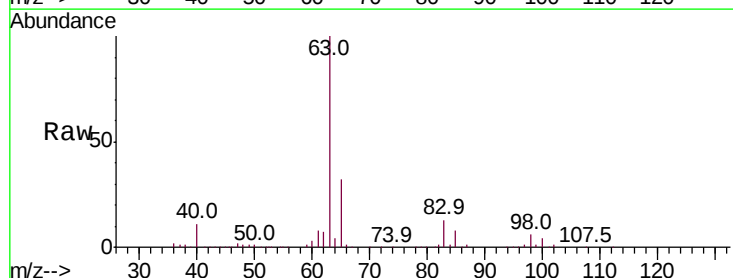
Tgt Ion: 63 Resp: 251237

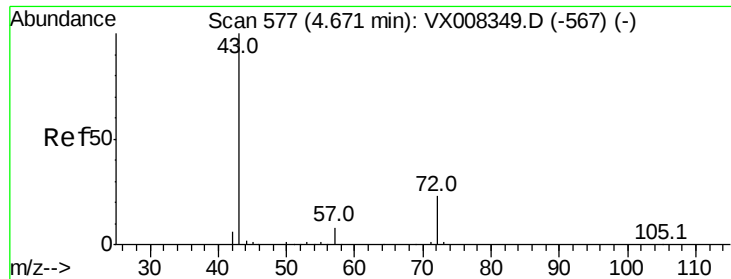
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 3.8 2.3 6.8





#25

2-Butanone

Concen: 226.137 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

Tot Ion: 43 Resp: 617146

Ion Ratio Lower Upper

43 100

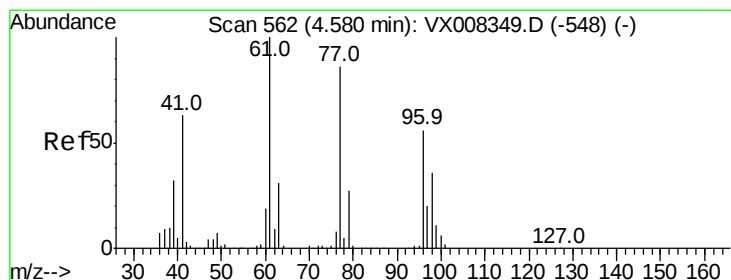
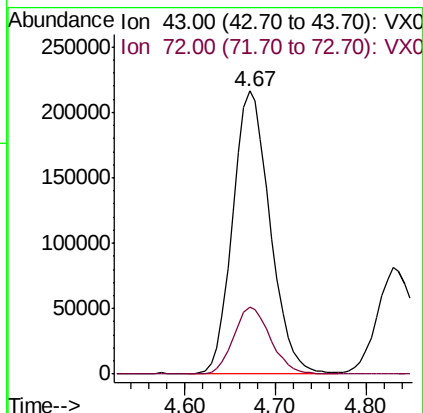
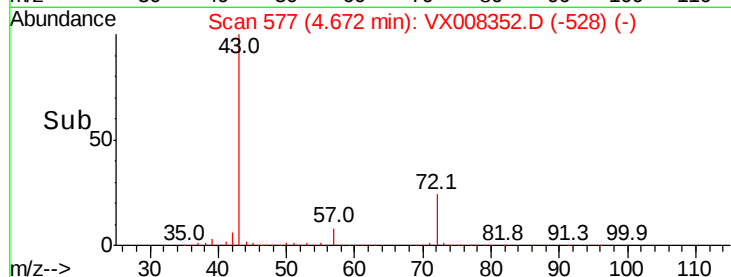
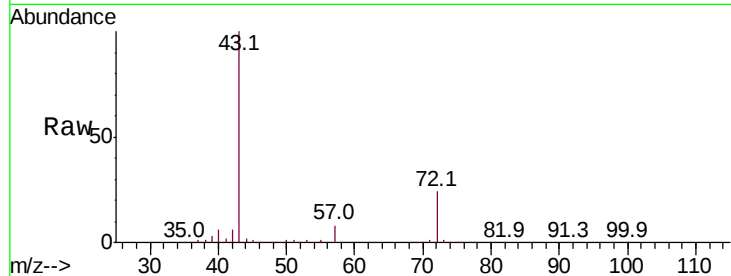
72 23.6 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 47.236 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX008352.D

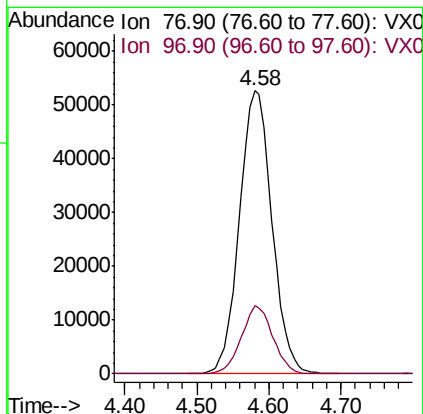
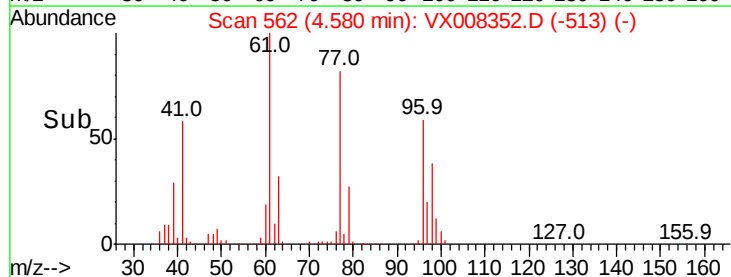
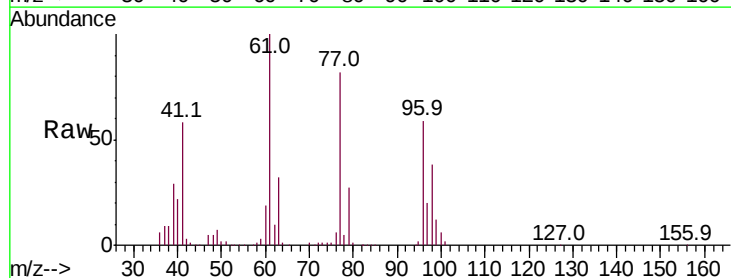
Acq: 23 Mar 2019 15:31

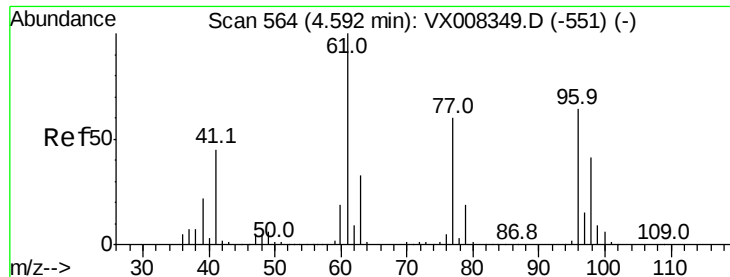
Tgt Ion: 77 Resp: 165491

Ion Ratio Lower Upper

77 100

97 23.4 12.2 36.6





#27

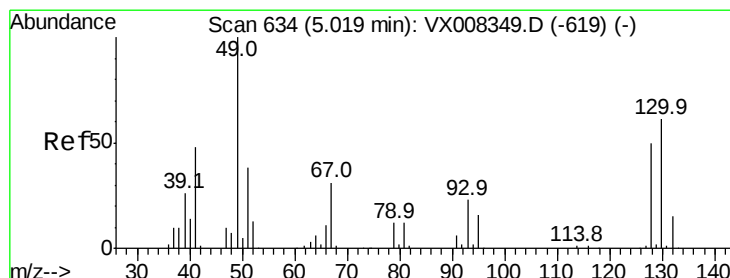
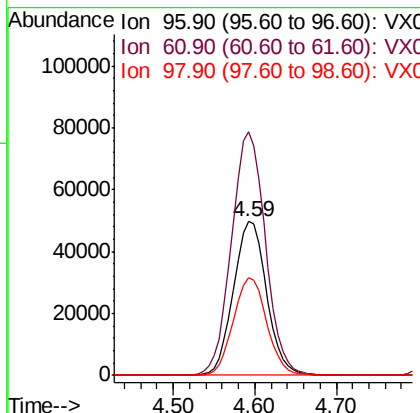
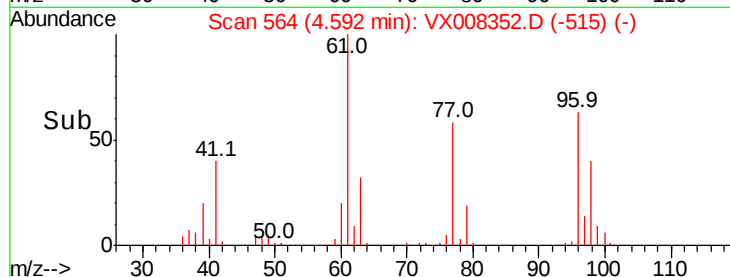
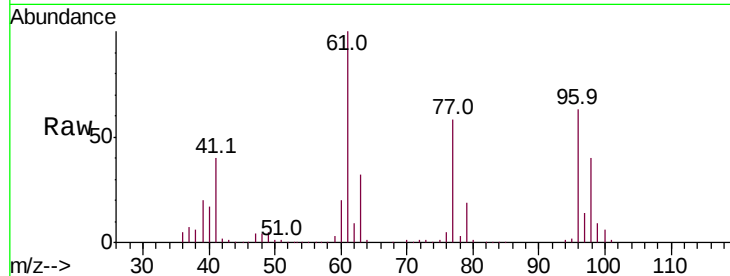
cis-1,2-Dichloroethene
Concen: 45.741 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Instrument :
MSVOA_X
ClientSampled :
ICVVX032319

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.2	0.0	288.0
98	64.3	0.0	129.0

Manual Integrations
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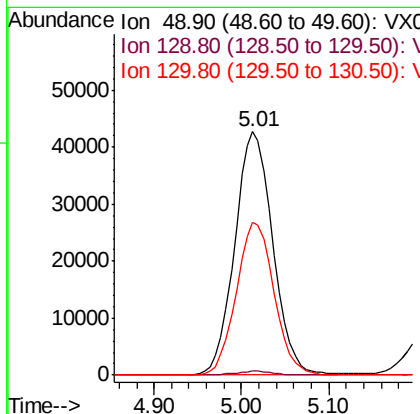
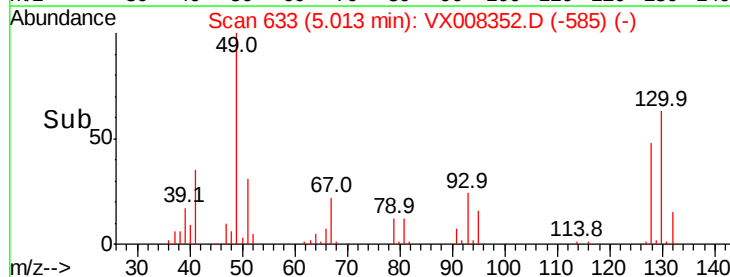
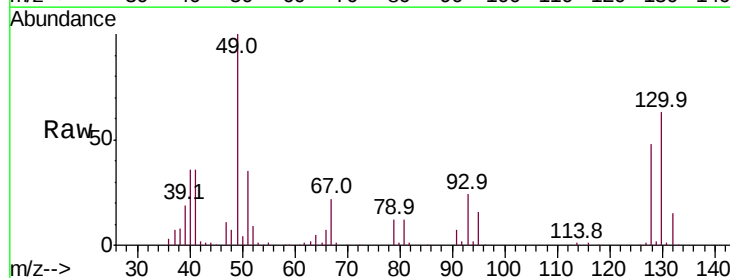
MMDadoda
3/25/2019 11:16:59 AM

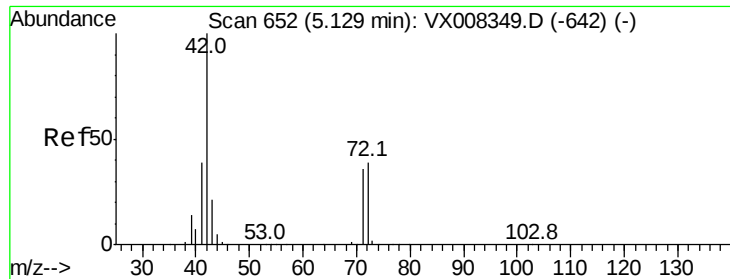


#28

Bromochloromethane
Concen: 47.480 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	62.5	65.0	97.4#





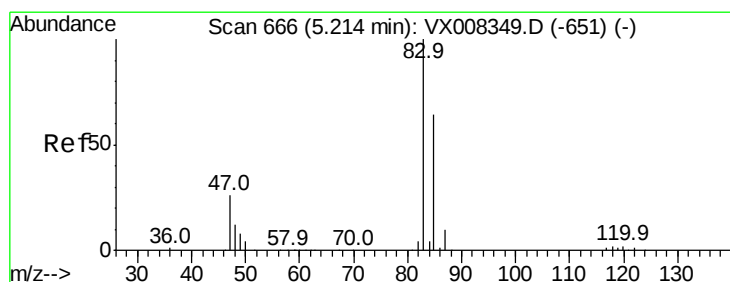
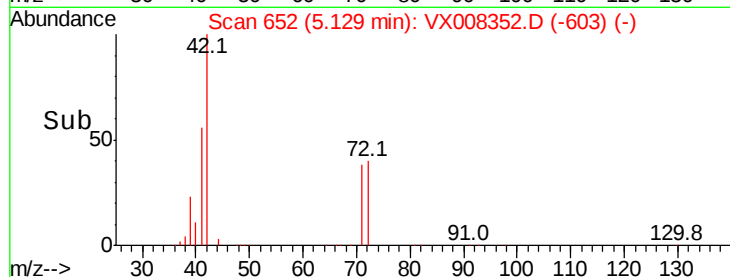
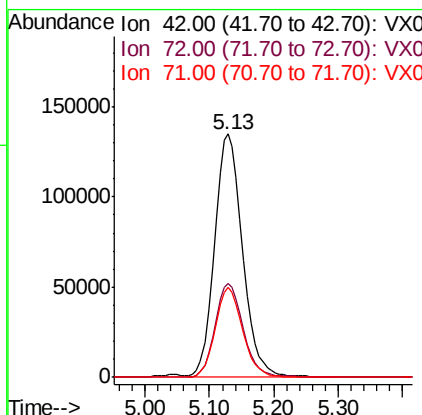
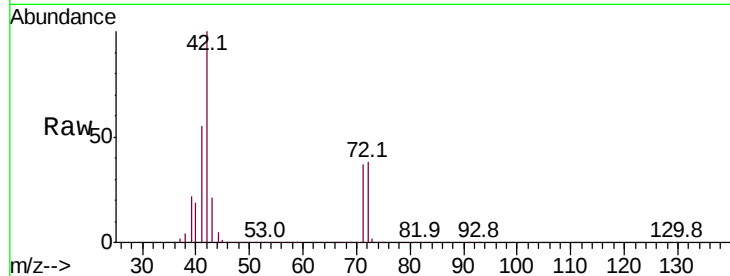
#29
Tetrahydrofuran
Concen: 225.779 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.3	33.8	50.6
71	36.5	31.5	47.3

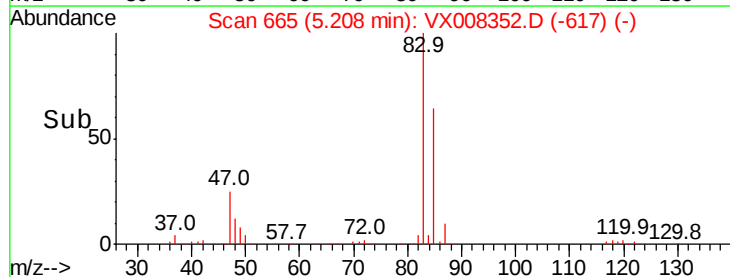
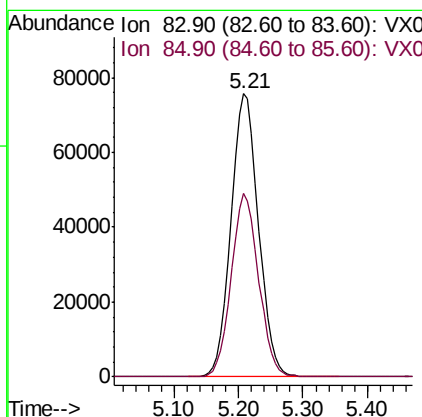
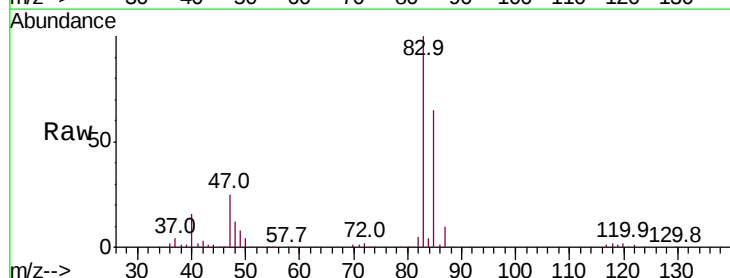
Manual Integrations
APPROVED

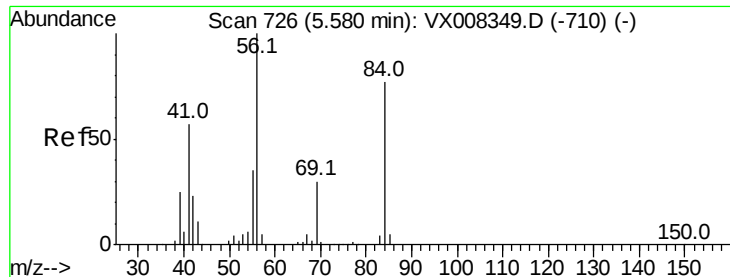
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3/25/2019 11:16:59 AM



#30
Chloroform
Concen: 46.041 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.8	77.6





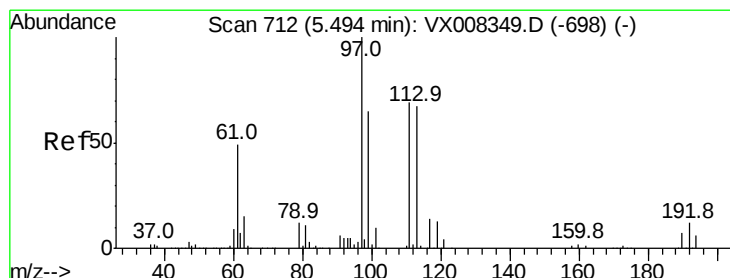
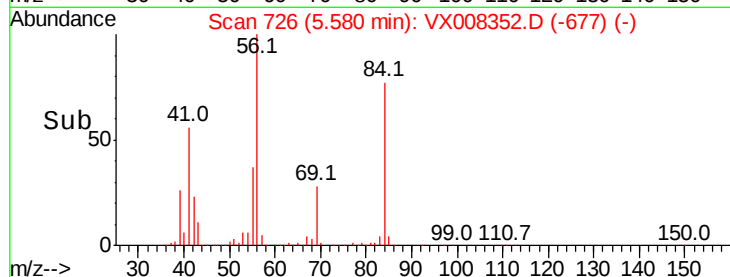
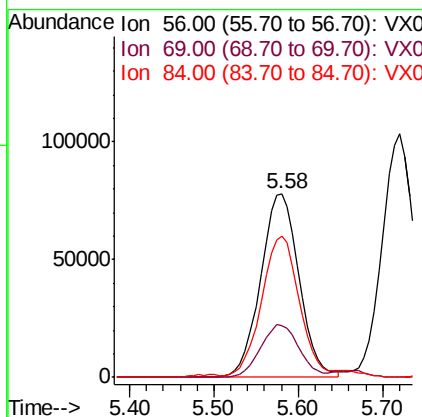
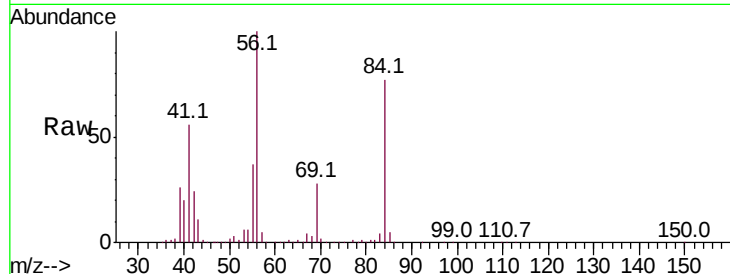
#31
Cyclohexane
Concen: 46.871 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Instrument :
MSVOA_X
ClientSampled :
ICVX032319

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.0	24.0	36.0
84	75.8	65.3	97.9

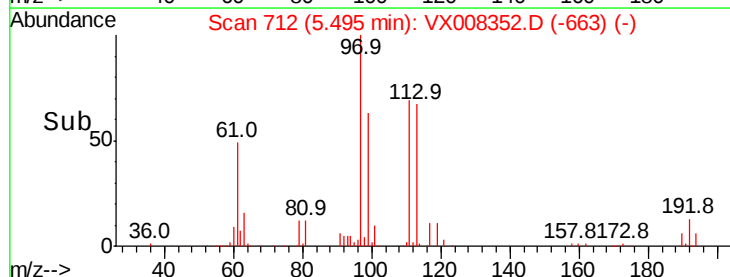
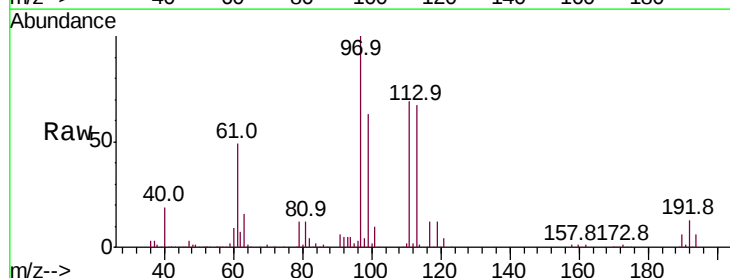
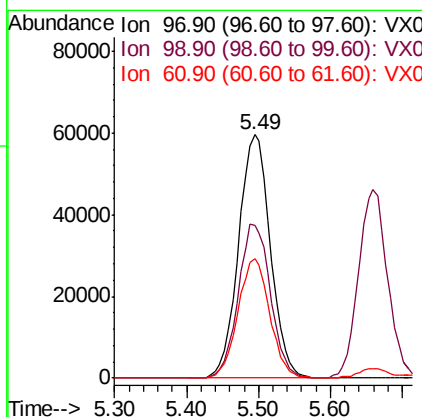
Manual Integrations
APPROVED

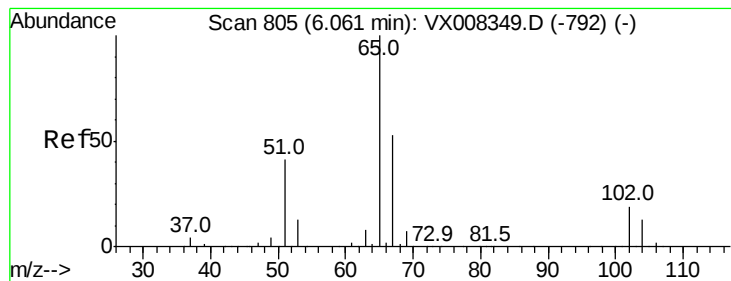
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#32
1,1,1-Trichloroethane
Concen: 47.117 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.2	78.2
61	49.2	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 46.607 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

Tot Ion: 65 Resp: 154543

Ion Ratio Lower Upper

65 100

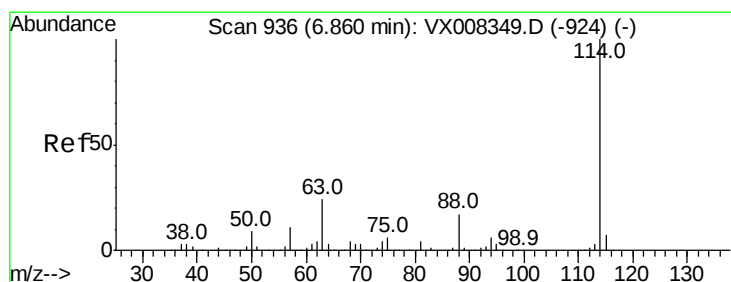
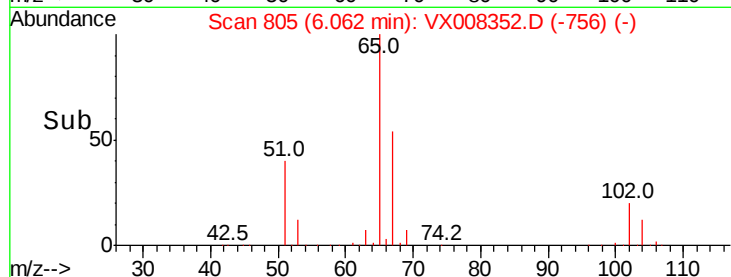
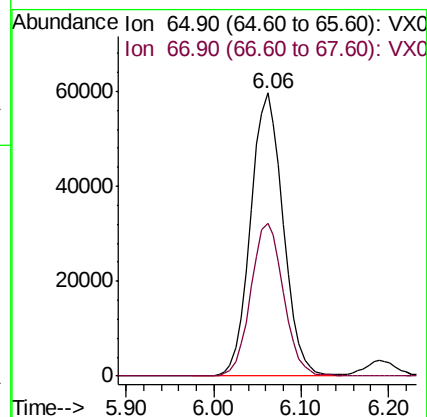
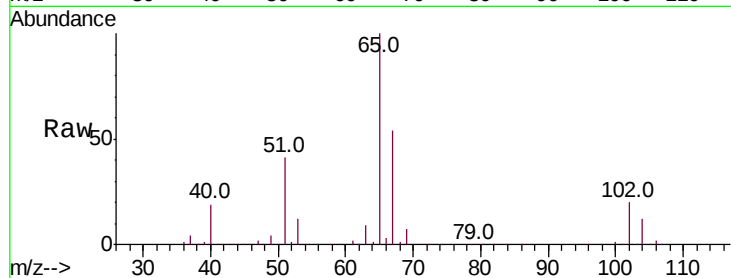
67 54.3 0.0 110.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

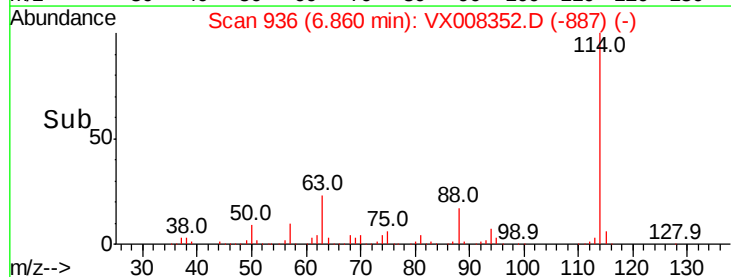
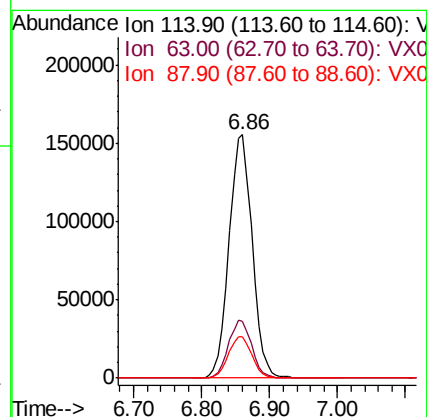
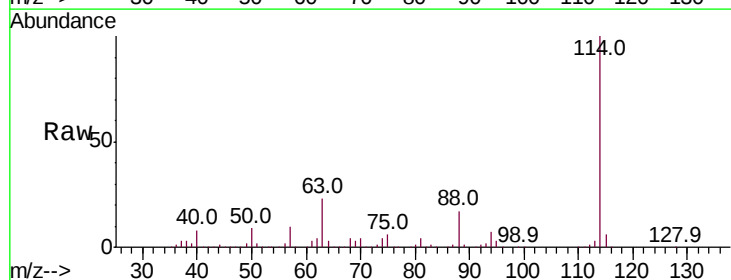
Tgt Ion: 114 Resp: 367655

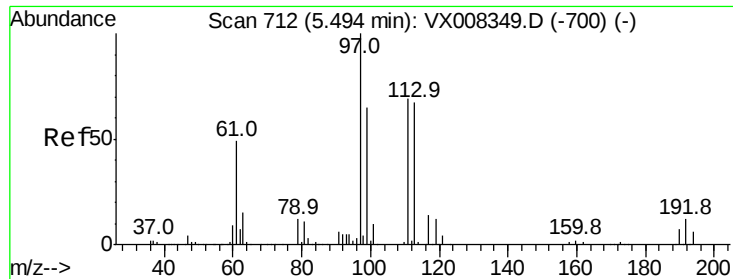
Ion Ratio Lower Upper

114 100

63 23.4 0.0 39.8

88 16.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.939 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

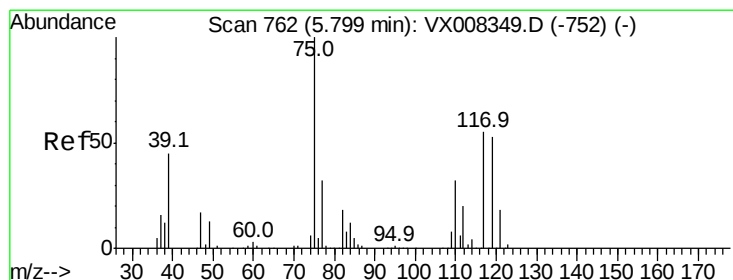
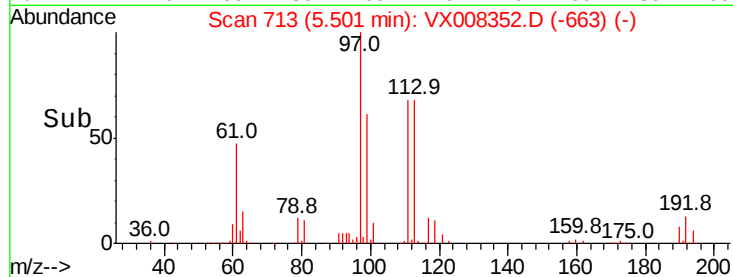
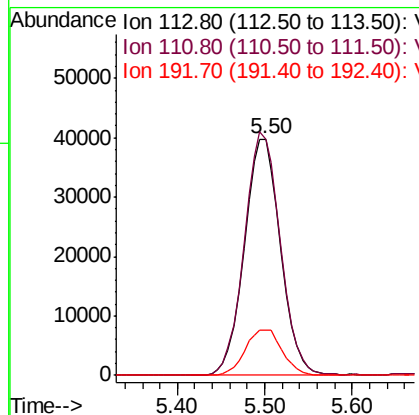
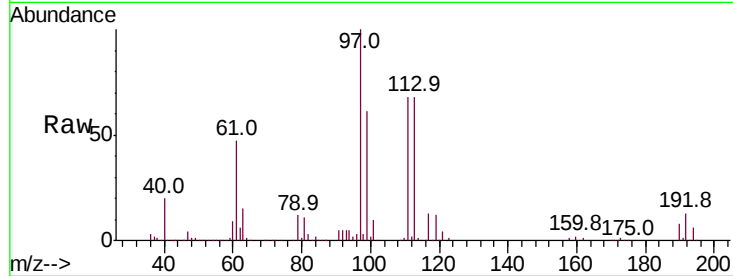
ClientSampleId :

ICVVX032319

Tot Ion:	113	Resp:	114191
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.4	122.0
192	19.8	19.4	29.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.809 ug/l

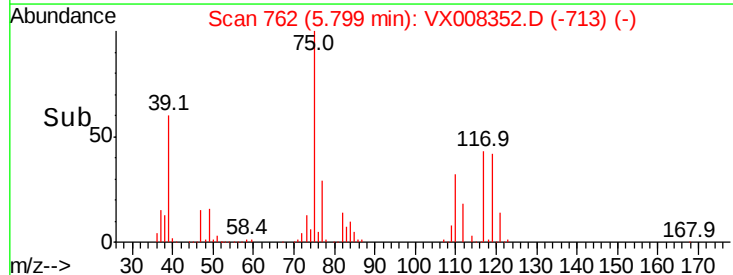
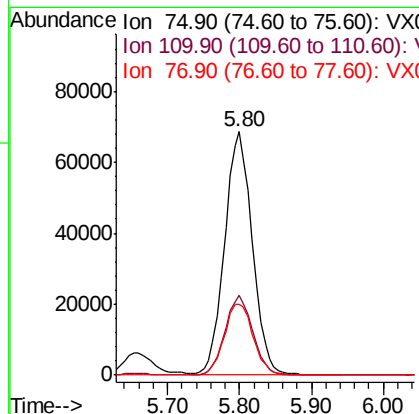
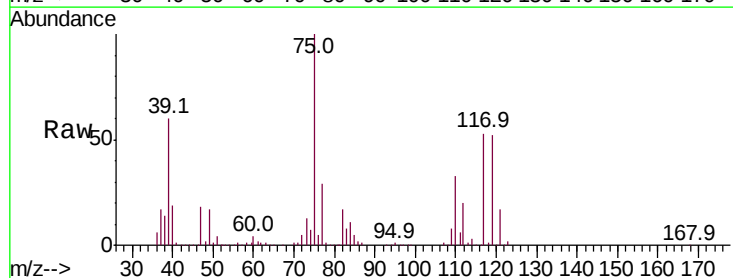
RT: 5.80 min Scan# 762

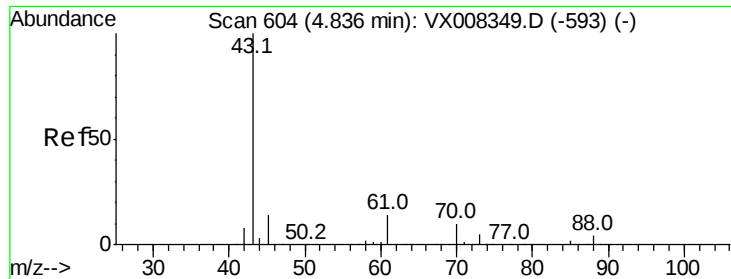
Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Tgt Ion:	75	Resp:	183370
Ion Ratio	Lower	Upper	
75	100		
110	33.0	18.4	55.0
77	30.7	25.0	37.4





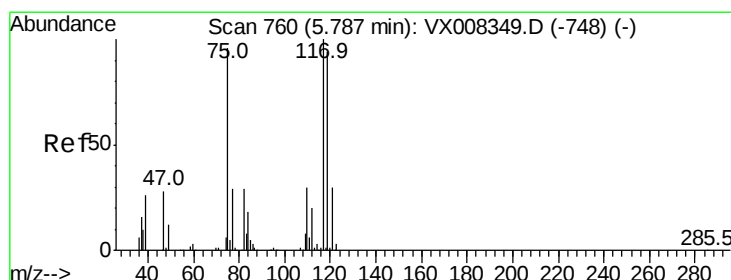
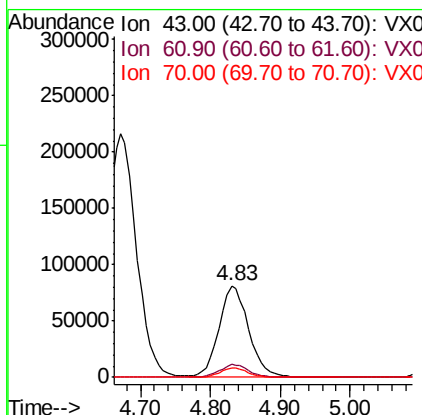
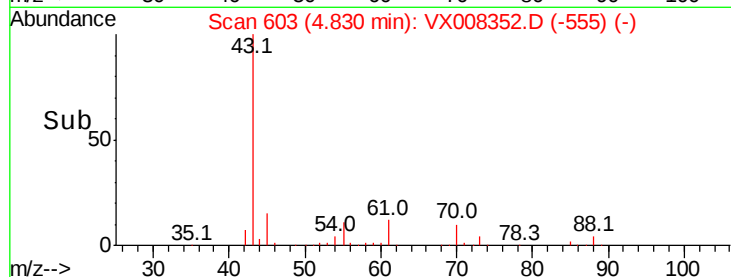
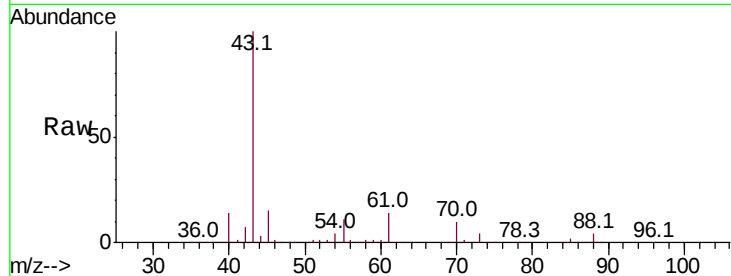
#37
Ethyl Acetate
Concen: 46.478 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.3	16.9
70	10.1	8.5	12.7

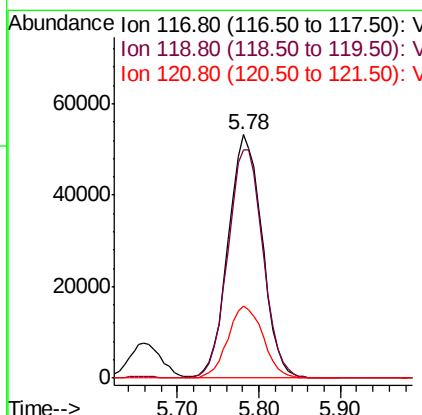
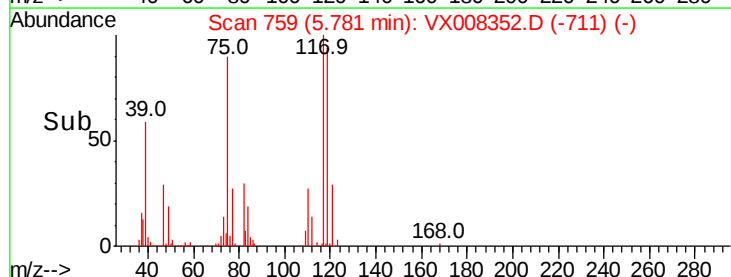
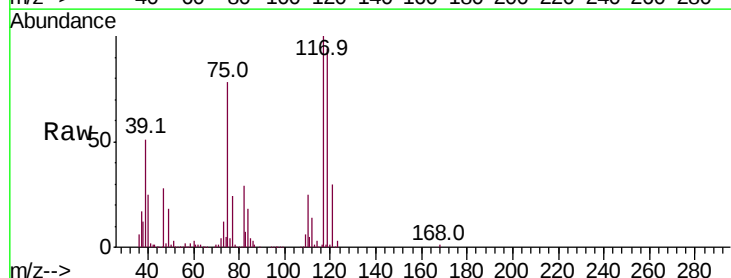
Manual Integrations
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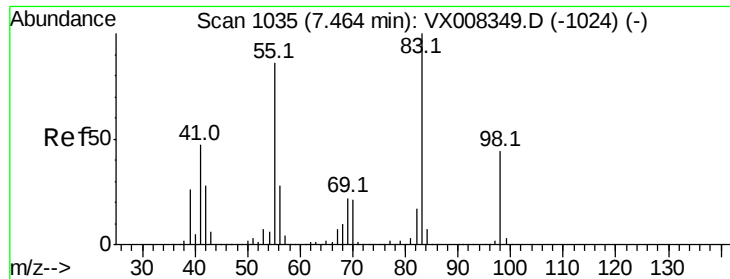
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#38
Carbon Tetrachloride
Concen: 47.551 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.2	114.2
121	29.6	24.6	36.8





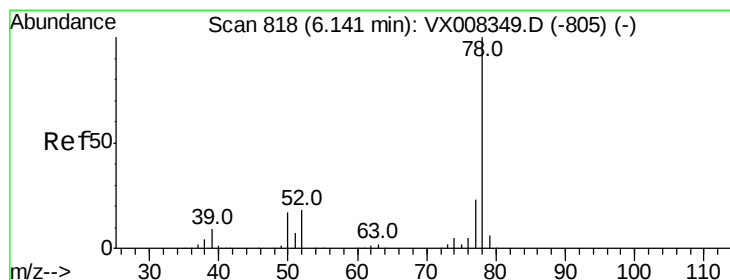
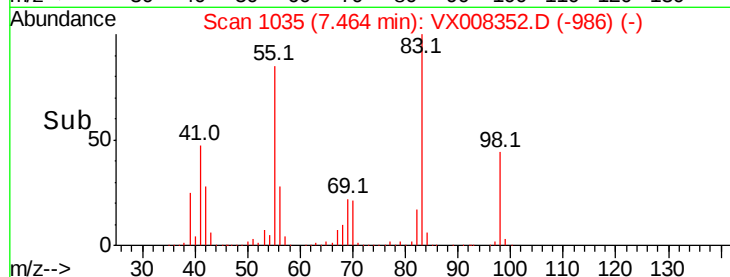
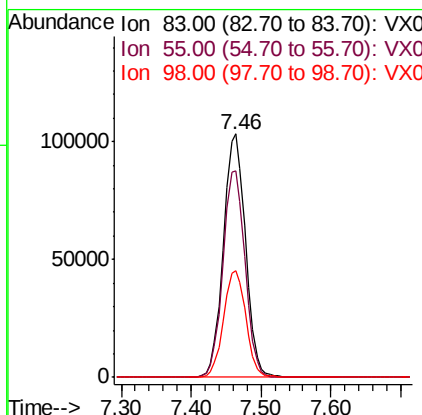
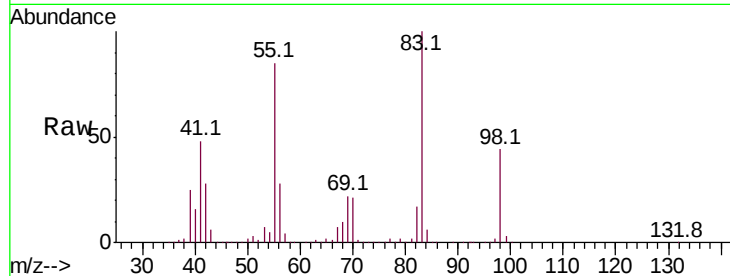
#39
Methvlcvclohexane
Concen: 49.322 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

Tot Ion	Ratio	Resp	Lower	Upper
83	100	227125		
55	84.6		60.4	90.6
98	43.9		36.5	54.7

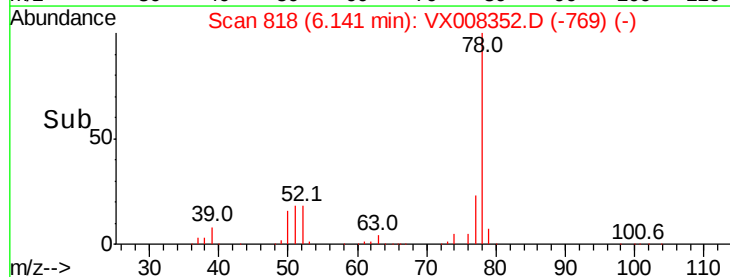
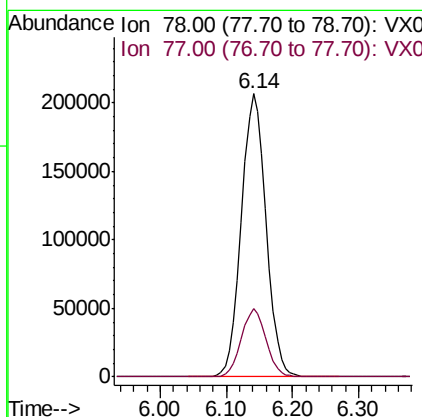
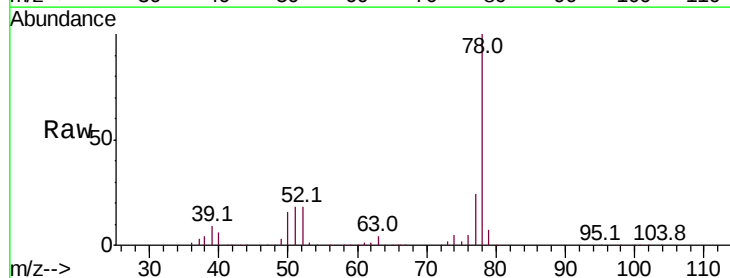
Manual Integrations
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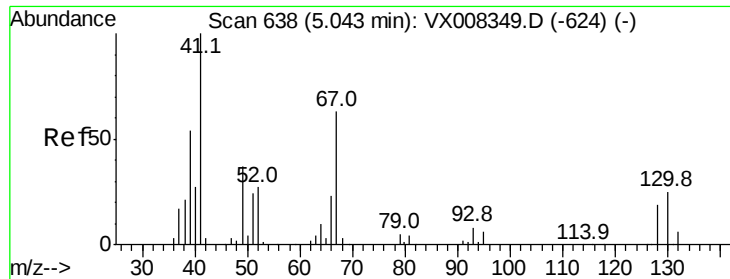
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#40
Benzene
Concen: 46.972 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	537418		
77	24.0		19.0	28.4





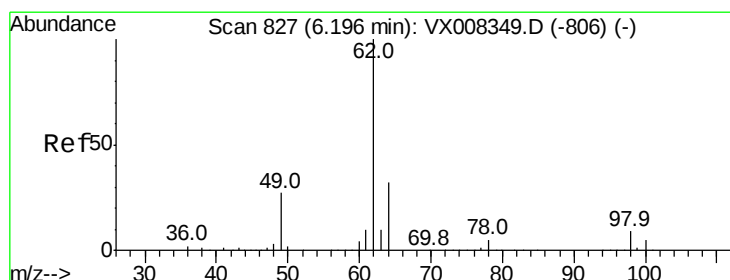
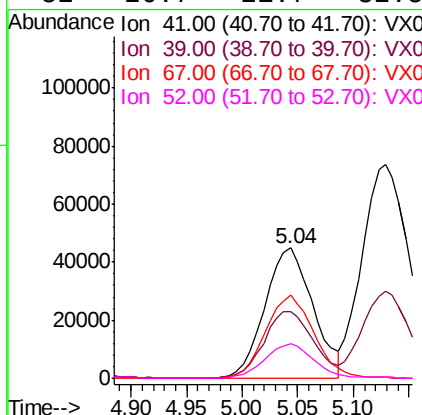
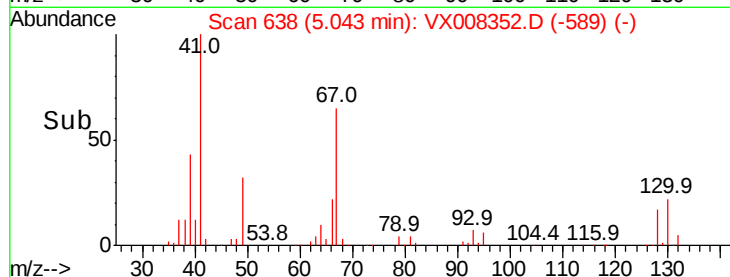
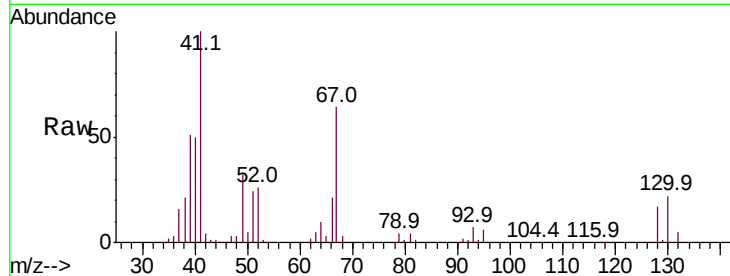
#41
Methacrylonitrile
Concen: 48.629 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.7	41.6	62.4	
67	64.4	55.8	83.6	
52	26.7	21.7	32.5	

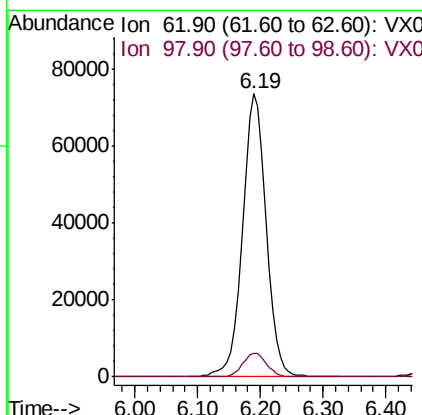
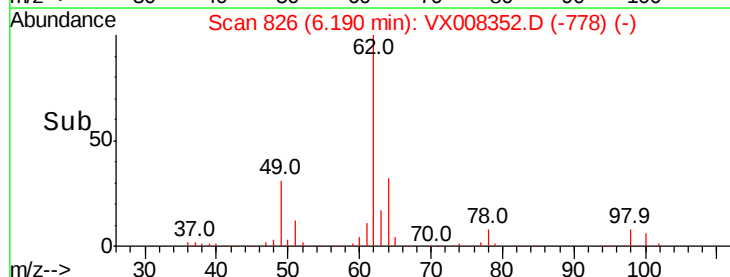
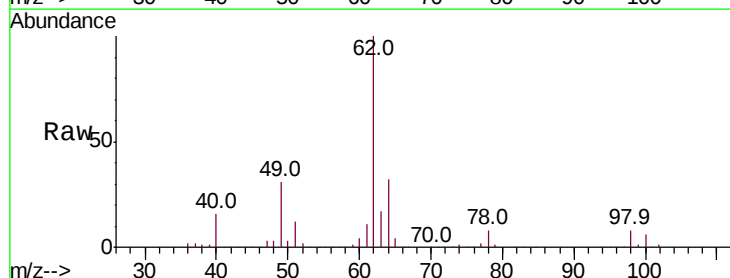
Manual Integrations
APPROVED

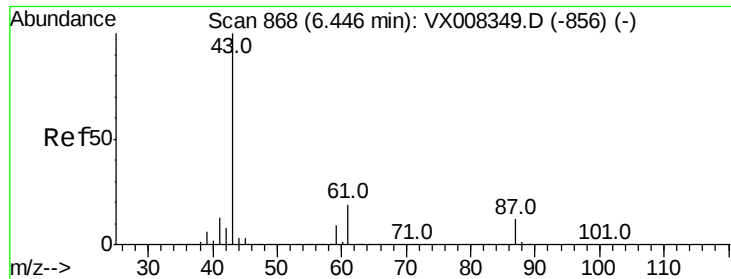
MMDadoda
3/25/2019 11:16:59 AM



#42
1,2-Dichloroethane
Concen: 45.936 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	20.4	





#43

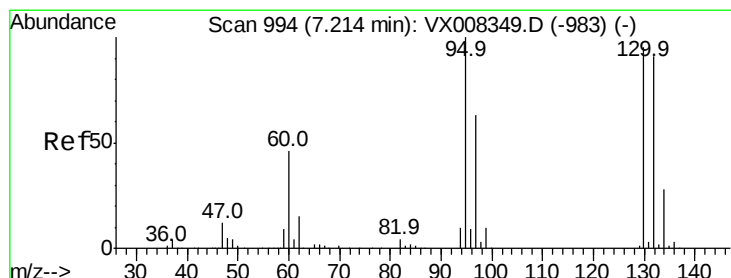
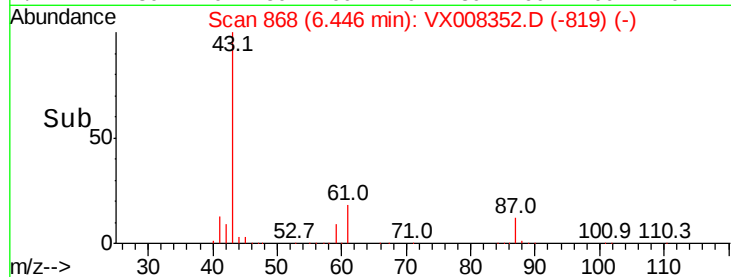
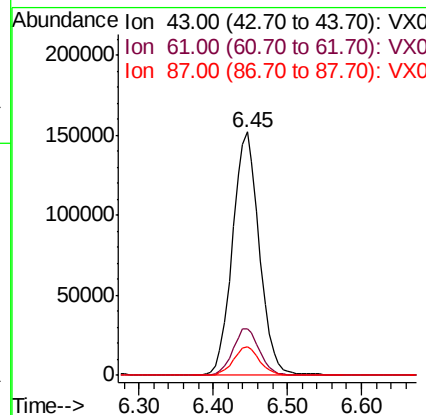
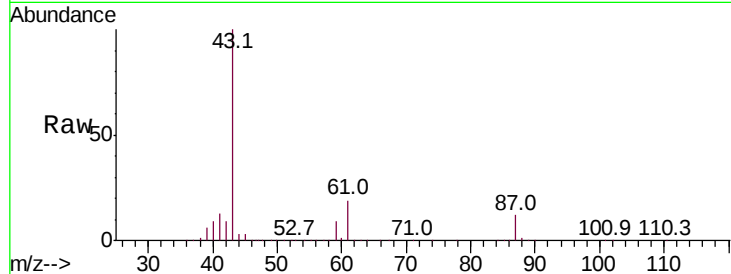
Isopropyl Acetate
 Concen: 47.990 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032319

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	16.3	24.5
87	11.5	10.5	15.7

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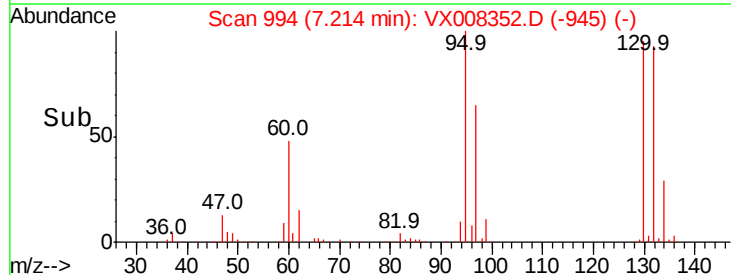
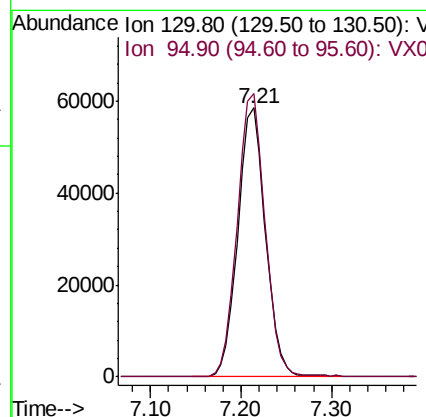
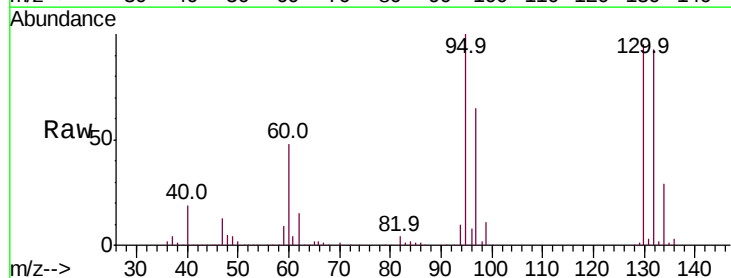
MMDadoda
 3/25/2019 11:16:59 AM

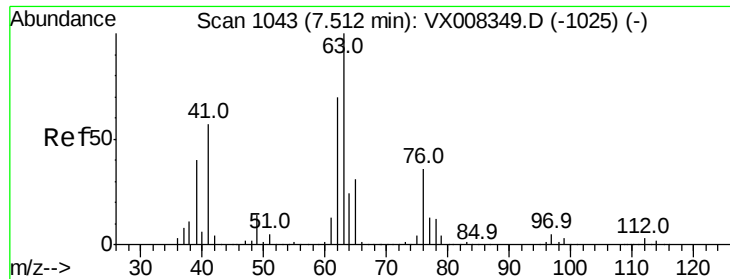


#44

Trichloroethene
 Concen: 46.697 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.2	0.0	188.0





#45

1,2-Dichloropropane

Concen: 47.322 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

Tot Ion: 63 Resp: 153278

Ion Ratio Lower Upper

63 100

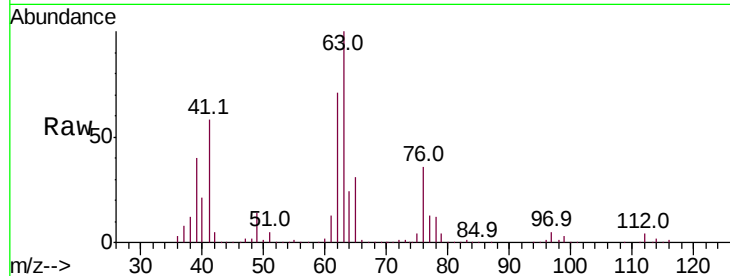
65 31.1 24.7 37.1

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

80000

60000

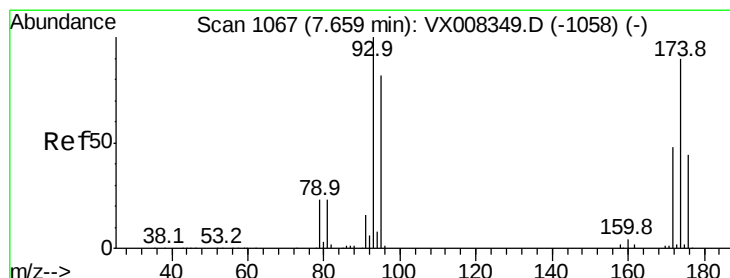
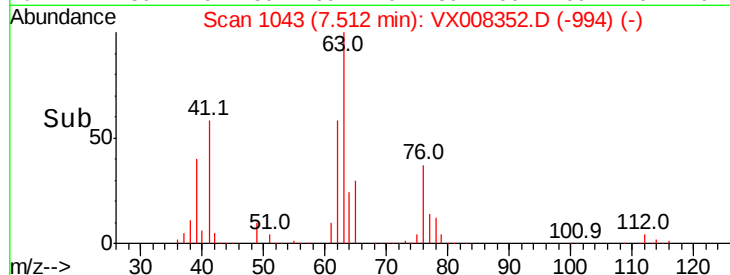
40000

20000

0

7.30 7.40 7.50 7.60 7.70

Time-->



#46

Dibromomethane

Concen: 45.861 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

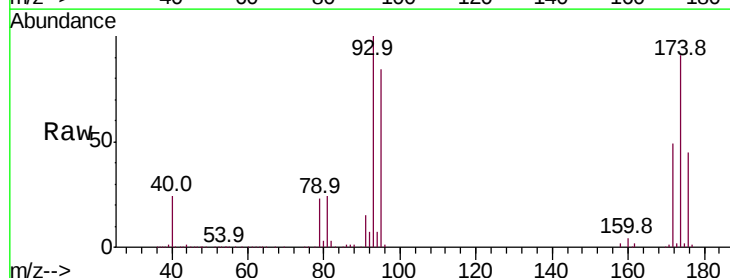
Tgt Ion: 93 Resp: 88154

Ion Ratio Lower Upper

93 100

95 83.6 66.8 100.2

174 93.7 97.3 145.9#



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

60000

50000

40000

30000

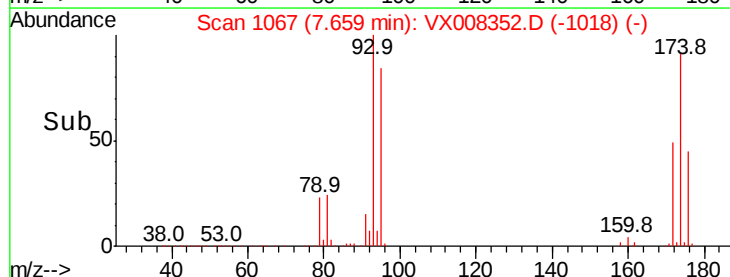
20000

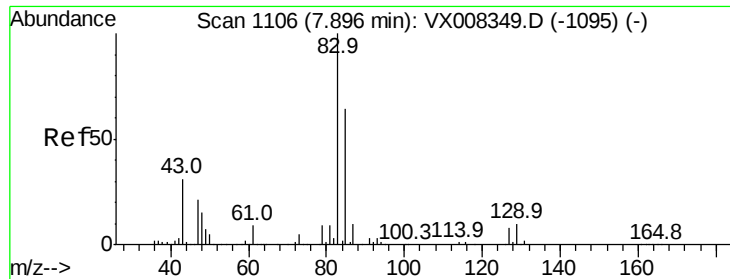
10000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 47.755 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

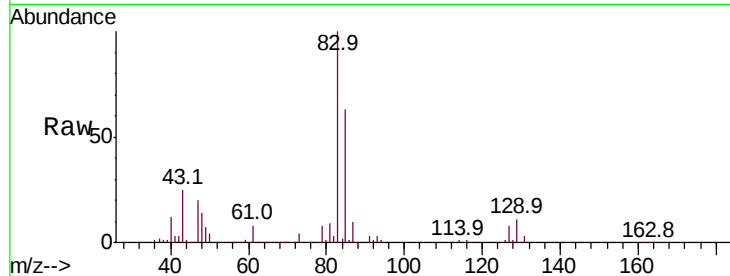
ClientSampleId :

ICVVX032319

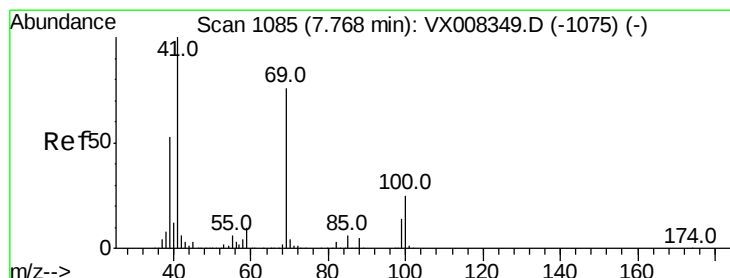
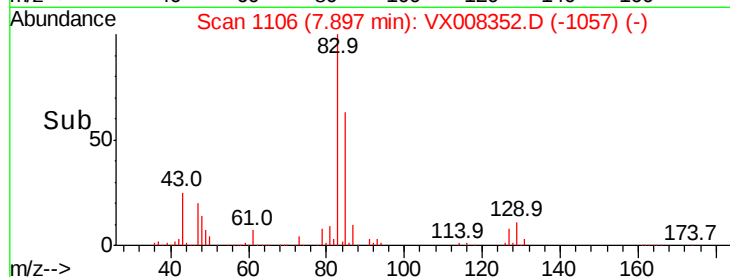
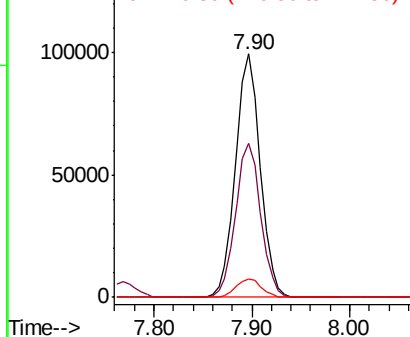
Tot Ion:	83	Resp:	175091
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.9	76.3
127	7.6	7.4	11.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.938 ug/l

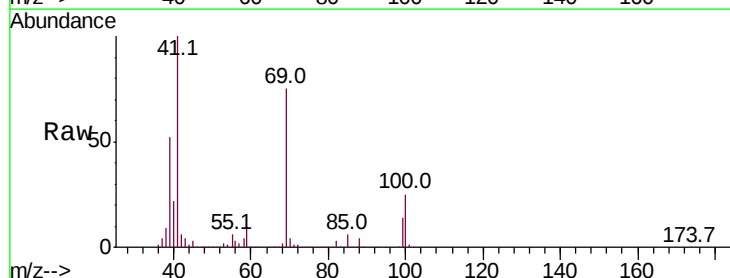
RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

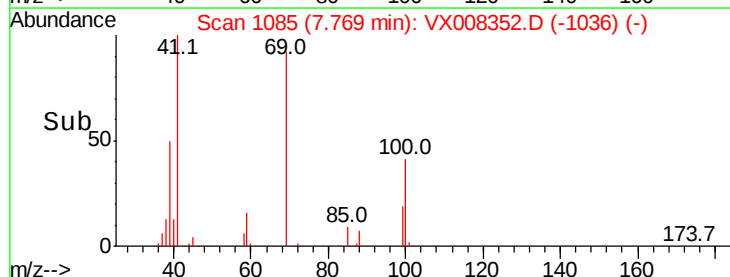
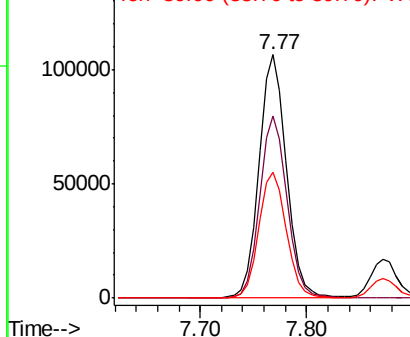
Lab File: VX008352.D

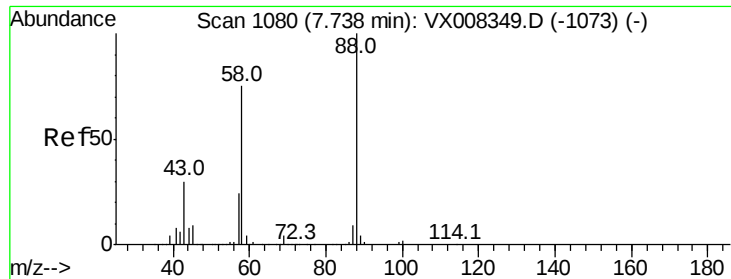
Acq: 23 Mar 2019 15:31

Tgt Ion:	41	Resp:	191520
Ion	Ratio	Lower	Upper
41	100		
69	75.5	65.2	97.8
39	52.3	39.4	59.2



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





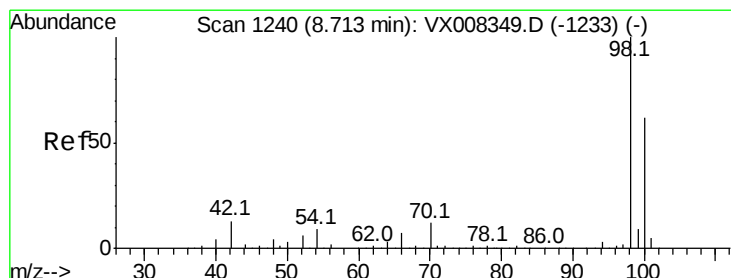
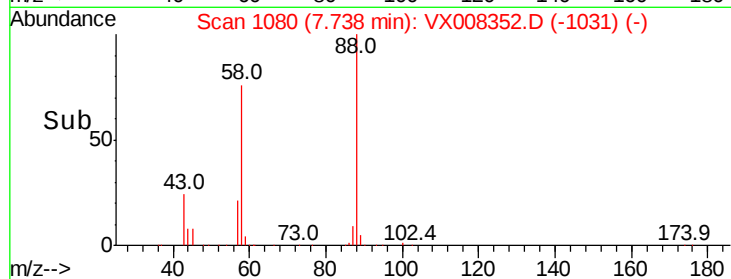
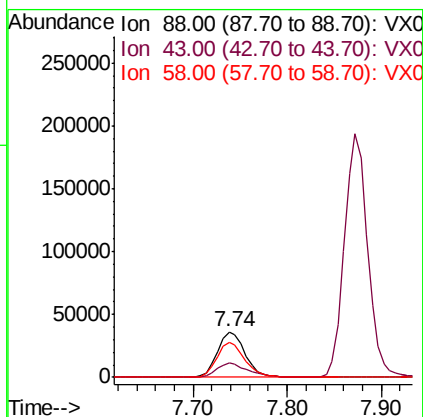
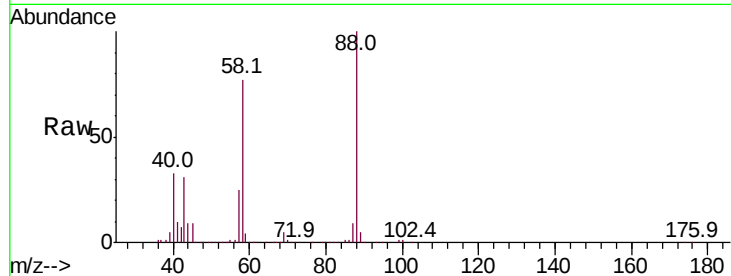
#49
1,4-Dioxane
Concen: 912.817 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	25.1	37.7
58	79.2	57.8	86.6

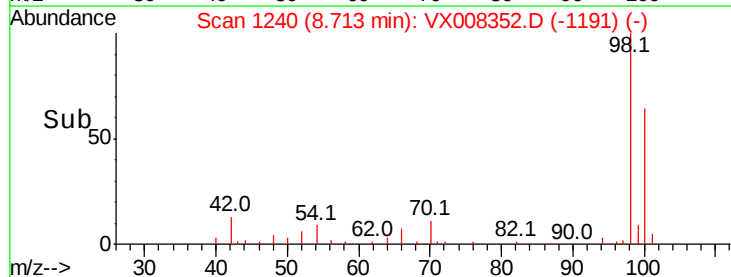
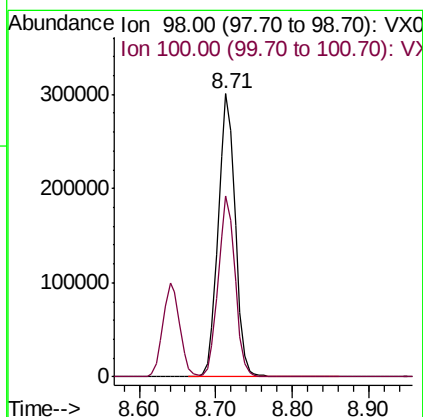
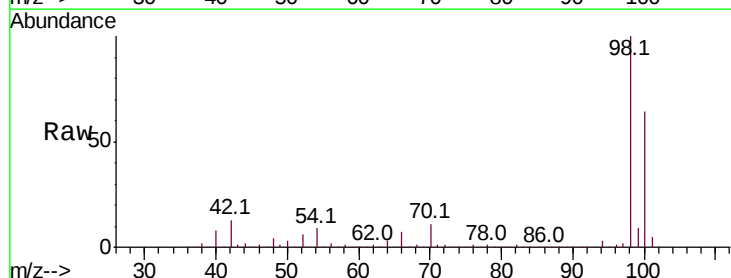
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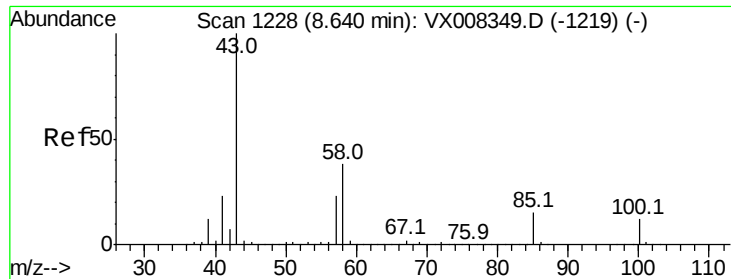
MMDadoda
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#50
Toluene-d8
Concen: 49.094 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 235.670 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

Tot Ion: 43 Resp: 1224262

Ion Ratio Lower Upper

43 100

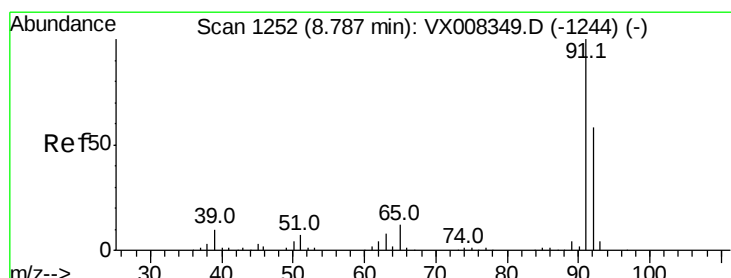
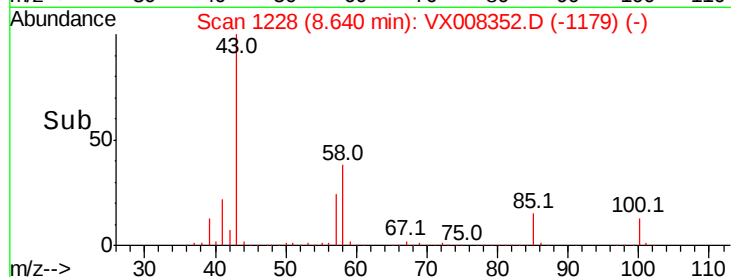
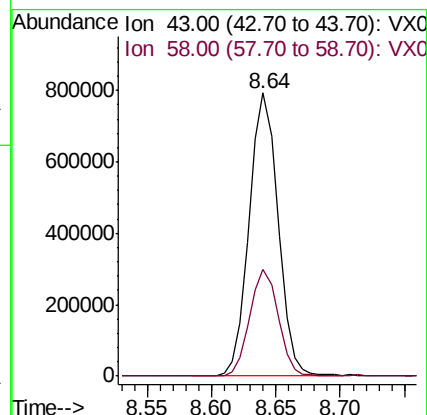
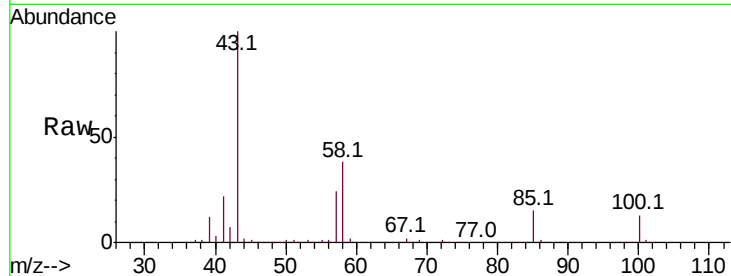
58 37.5 31.3 46.9

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#52

Toluene

Concen: 48.205 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008352.D

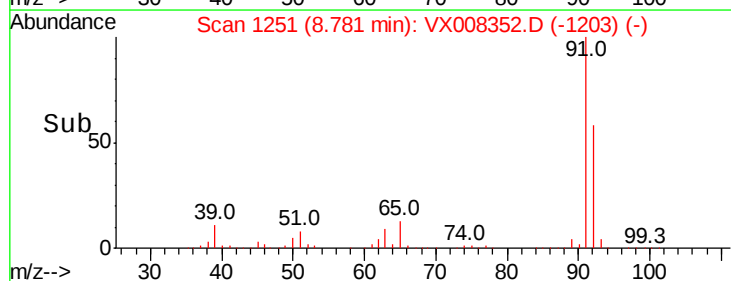
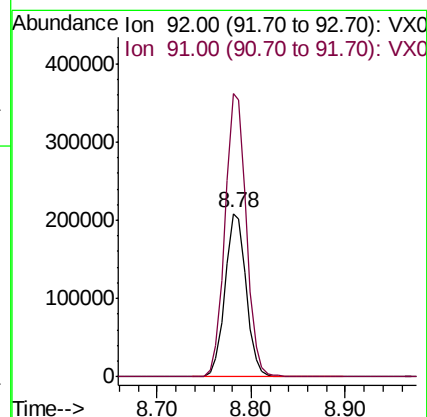
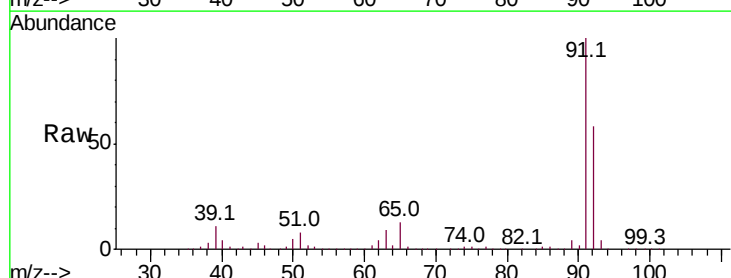
Acq: 23 Mar 2019 15:31

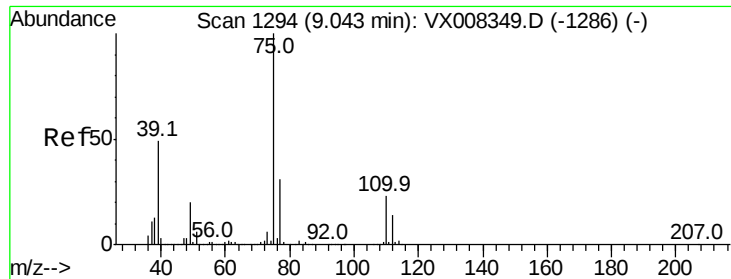
Tgt Ion: 92 Resp: 323399

Ion Ratio Lower Upper

92 100

91 175.0 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 50.811 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

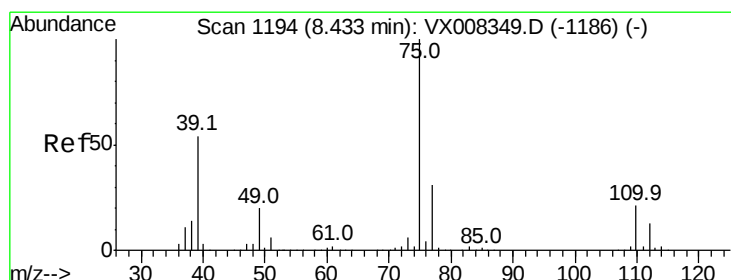
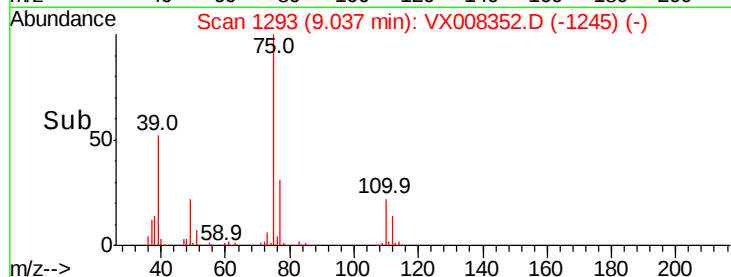
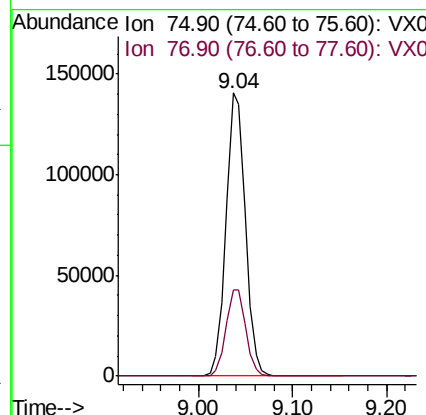
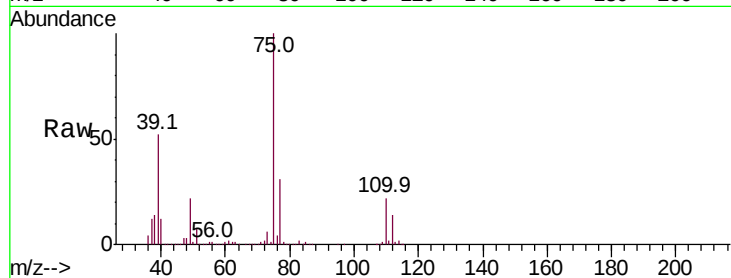
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

Tot Ion: 75 Resp: 200298

Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.4	38.0

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#54

cis-1,3-Dichloropropene

Concen: 49.855 ug/l

RT: 8.43 min Scan# 1194

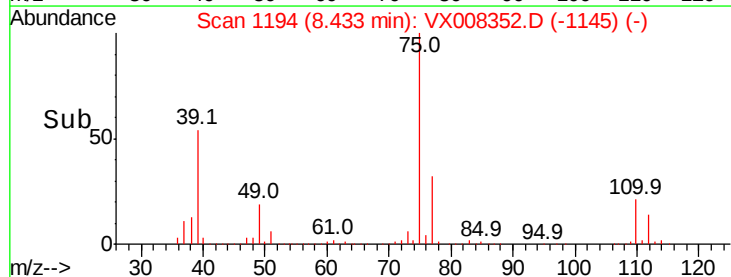
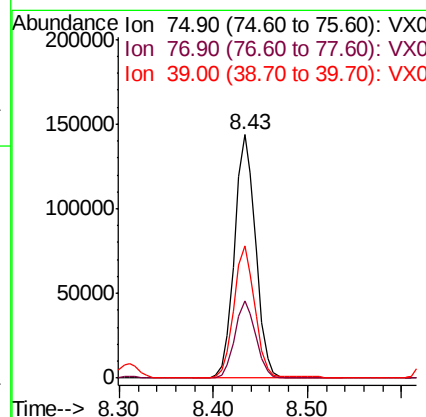
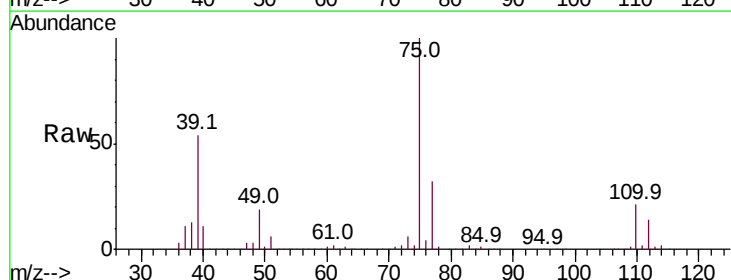
Delta R.T. 0.00 min

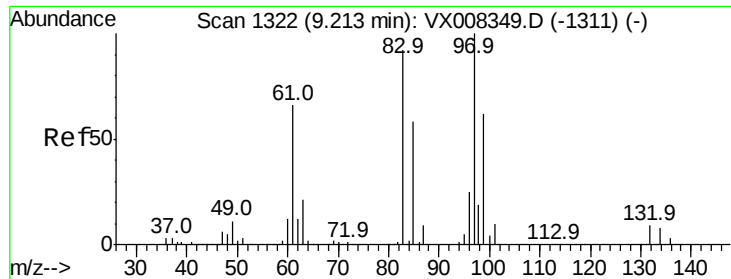
Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Tgt Ion: 75 Resp: 222820

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.0	37.6
39	54.1	36.6	54.8





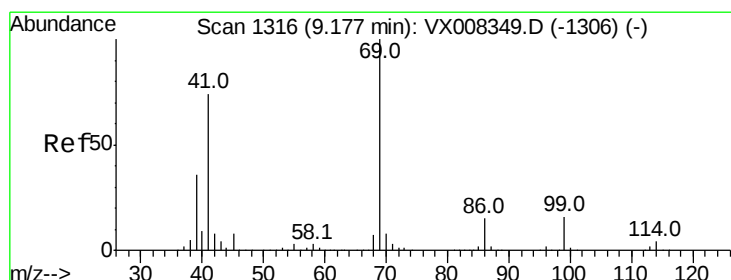
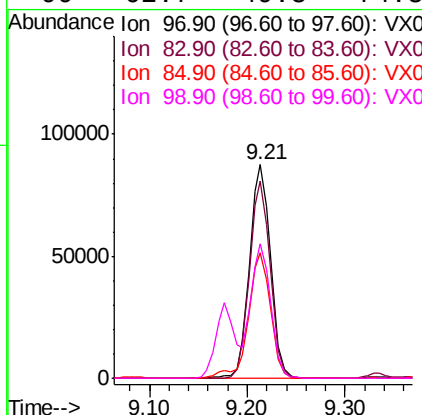
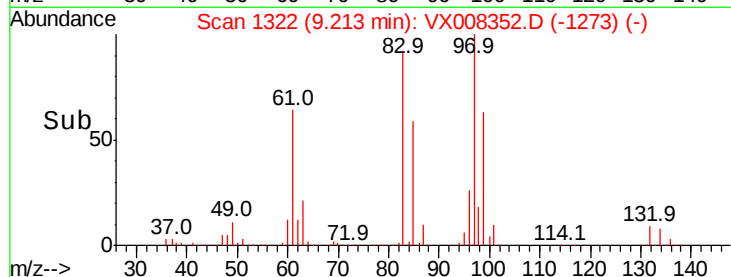
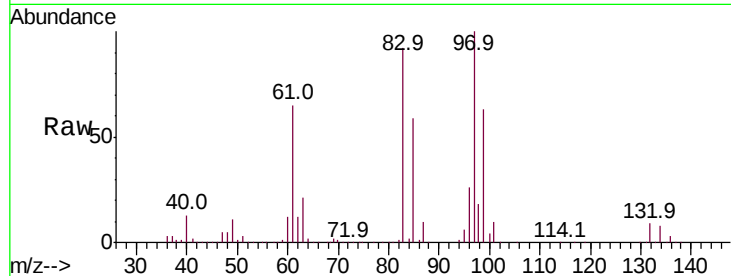
#55
 1,1,2-Trichloroethane
 Concen: 46.708 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032319

Tot Ion	Ratio	Resp	Lower	Upper
97	100	130161		
83	92.1	69.1	103.7	
85	58.7	44.3	66.5	
99	62.7	49.8	74.8	

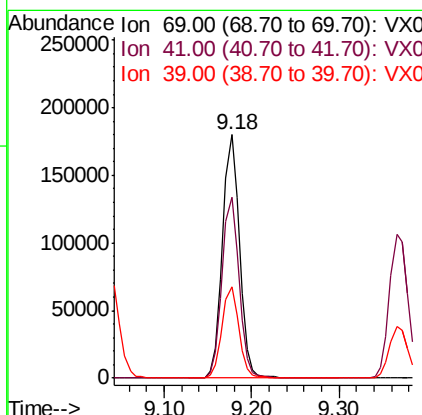
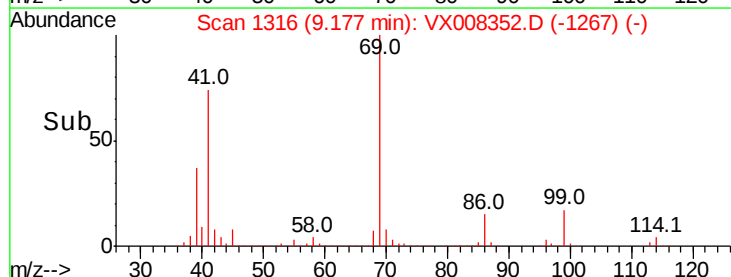
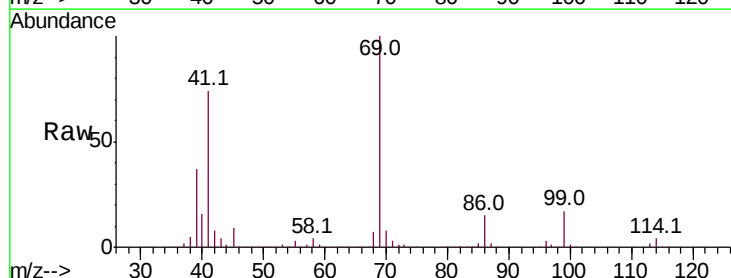
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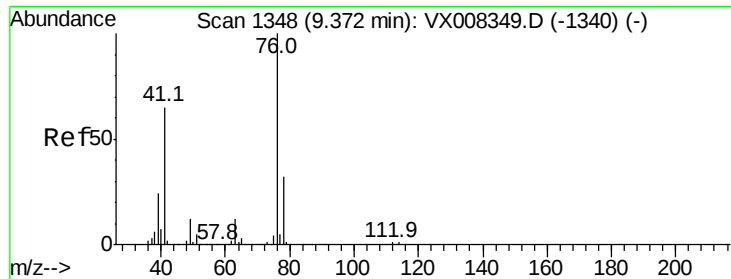
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#56
 Ethyl methacrylate
 Concen: 49.157 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	242513		
41	74.1	54.2	81.4	
39	37.2	25.0	37.4	





#57

1,3-Dichloropropane

Concen: 46.821 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

Tot Ion: 76 Resp: 232439

Ion Ratio Lower Upper

76 100

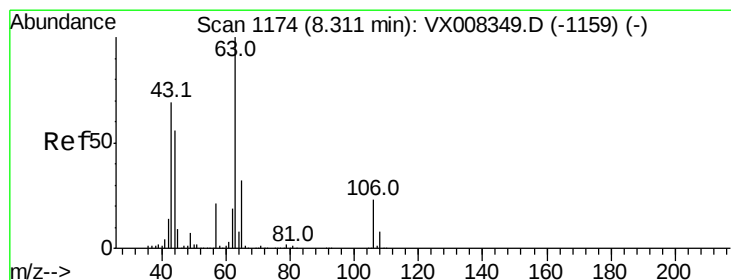
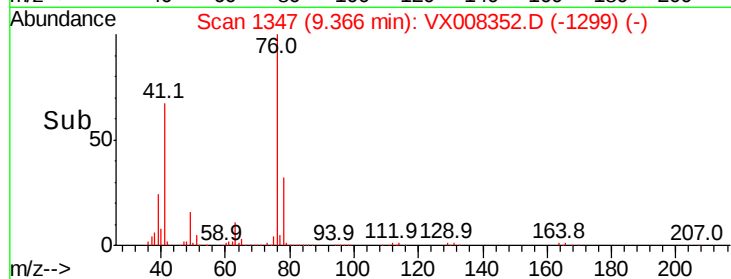
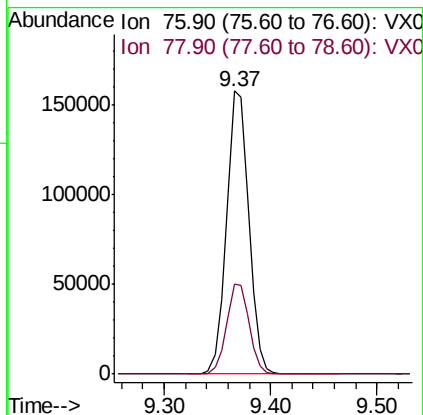
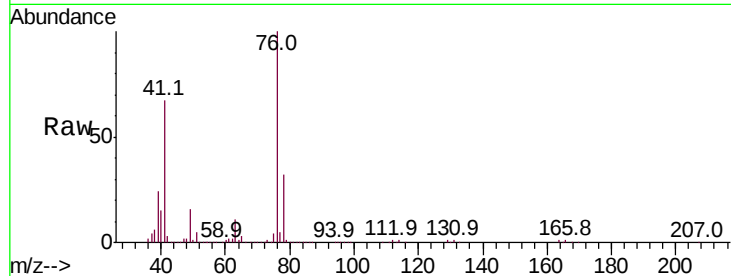
78 32.2 25.5 38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 247.999 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008352.D

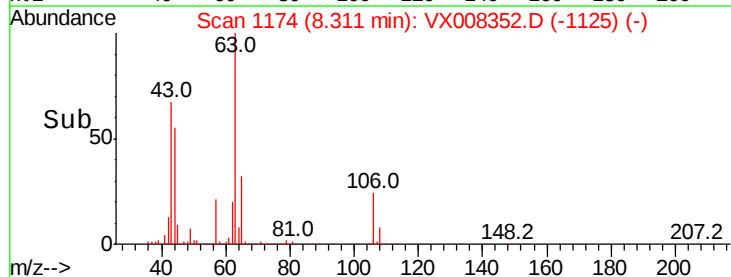
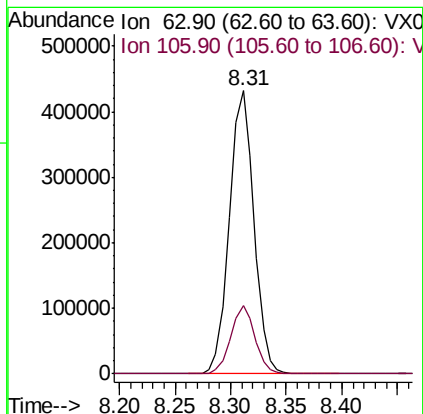
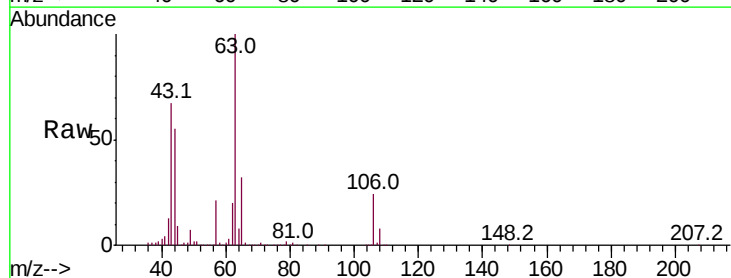
Acq: 23 Mar 2019 15:31

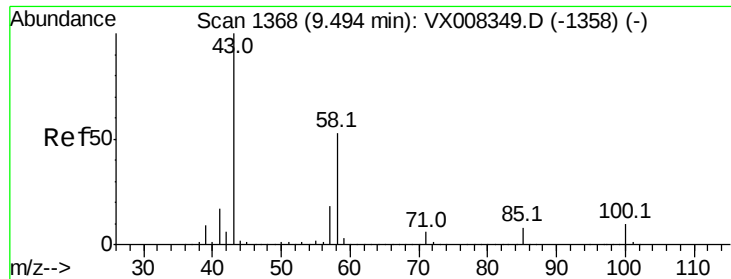
Tgt Ion: 63 Resp: 659676

Ion Ratio Lower Upper

63 100

106 23.7 22.2 33.2





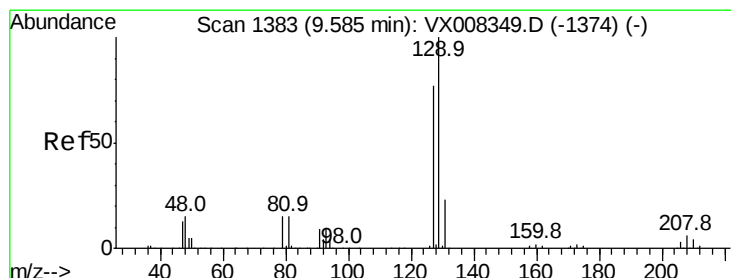
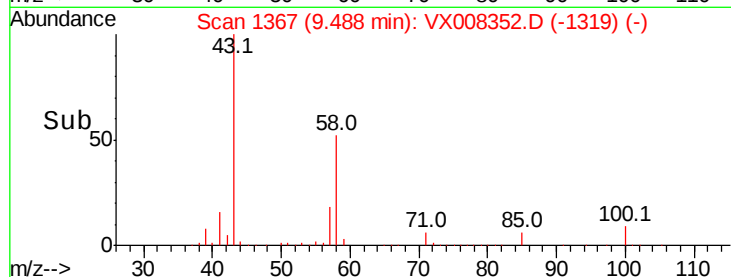
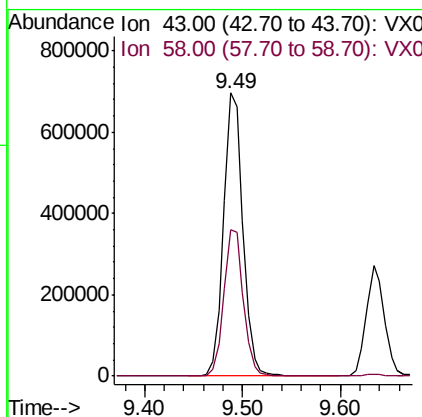
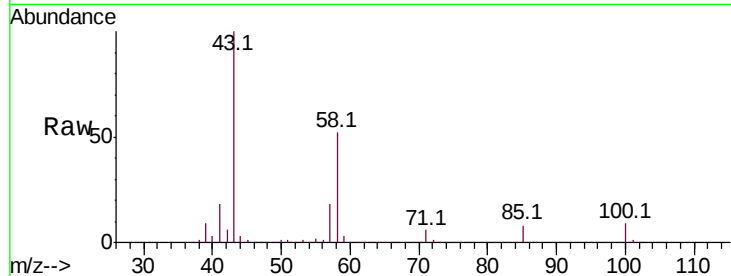
#59
2-Hexanone
Concen: 239.299 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Instrument :
MSVOA_X
ClientSampled :
ICVVX032319

Tot Ion: 43 Resp: 954286
Ion Ratio Lower Upper
43 100
58 52.3 27.6 82.7

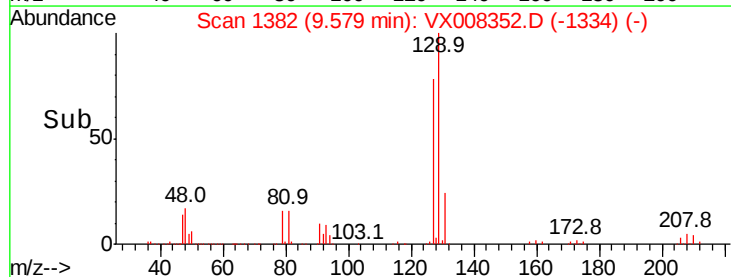
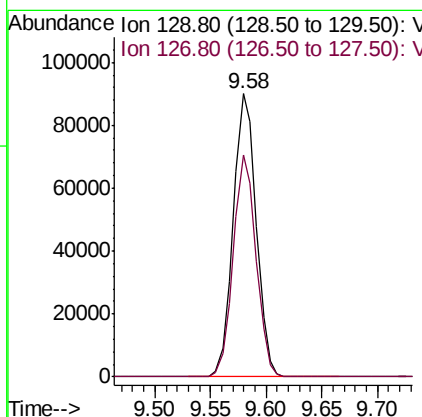
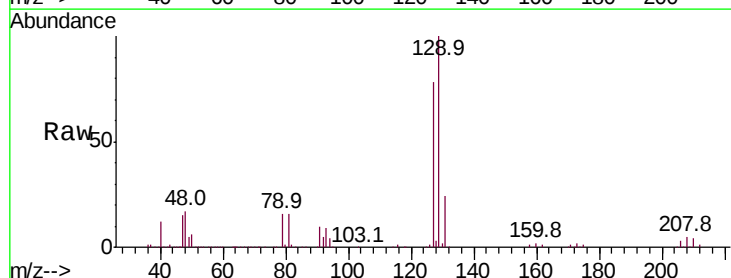
Manual Integrations
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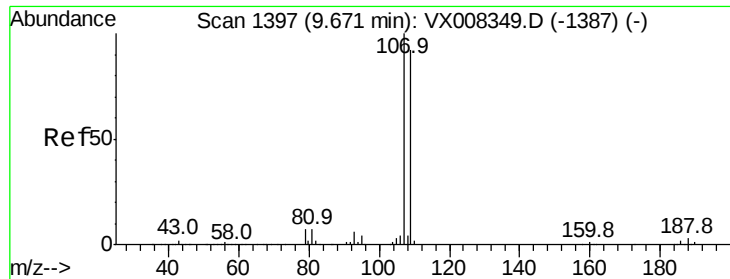
MMDadoda
3/25/2019 11:16:59 AM



#60
Dibromochloromethane
Concen: 49.754 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion: 129 Resp: 128695
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 47.960 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

Tot Ion:107 Resp: 135641

Ion Ratio Lower Upper

107 100

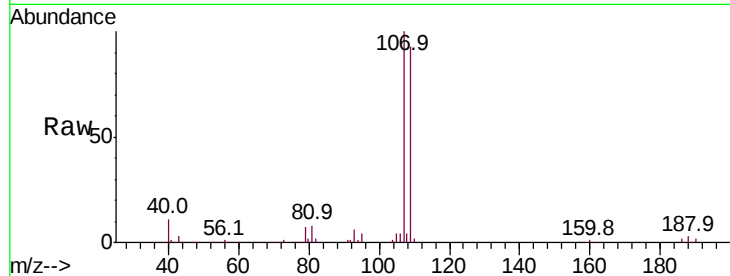
109 93.9 75.8 113.8

Manual Integrations

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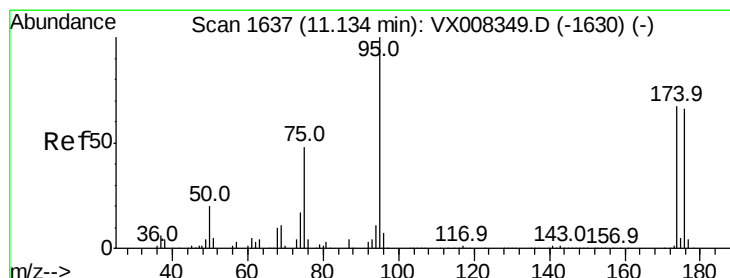
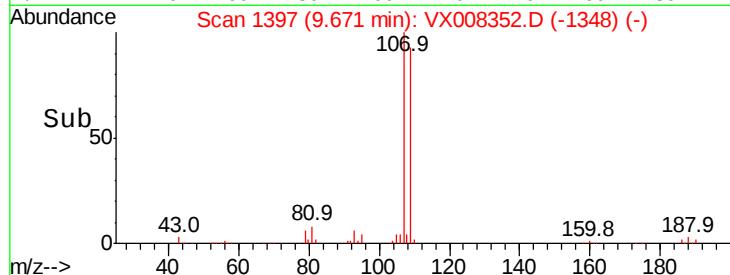
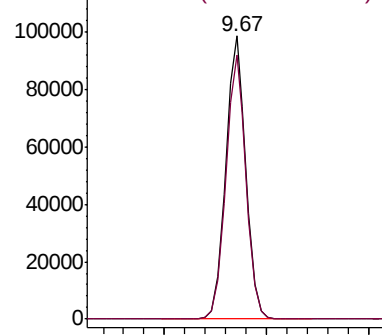
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.253 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

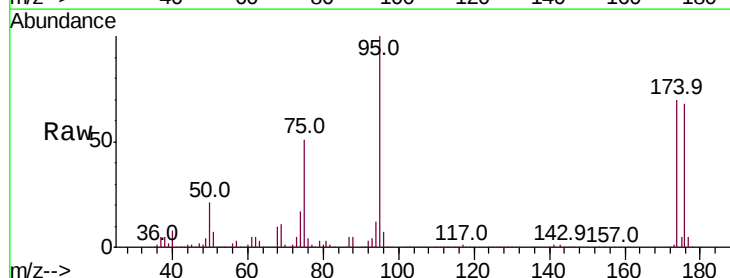
Tgt Ion: 95 Resp: 170378

Ion Ratio Lower Upper

95 100

174 74.2 0.0 182.8

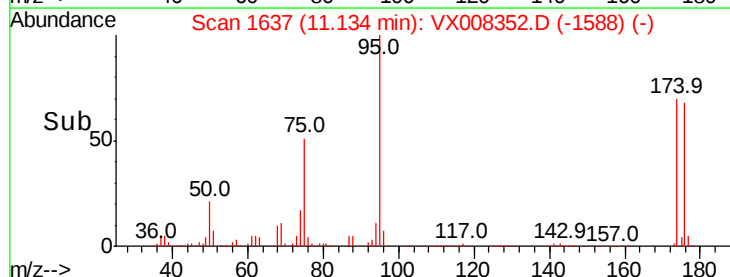
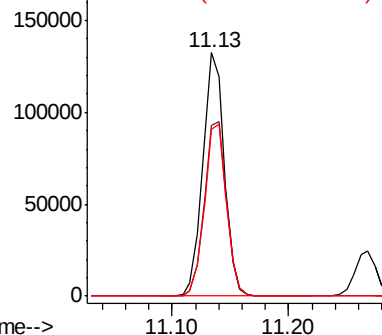
176 72.0 0.0 178.0

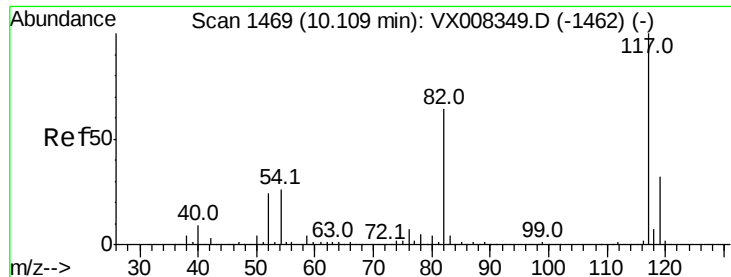


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

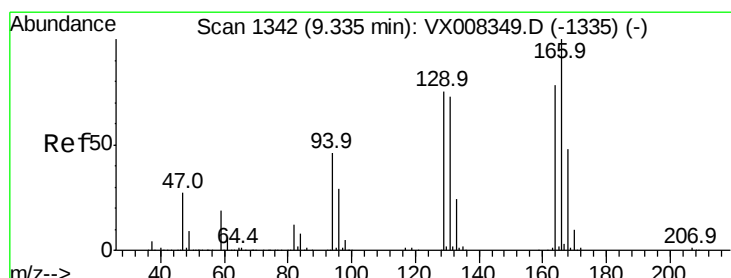
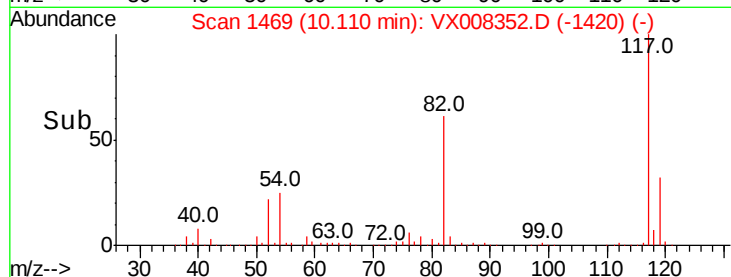
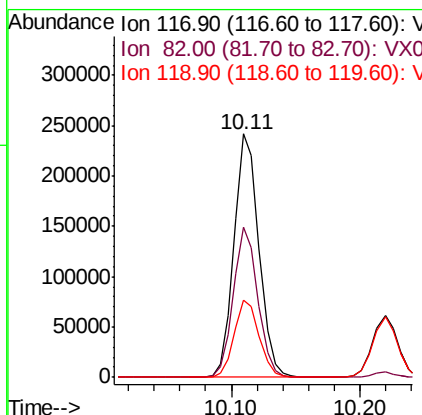
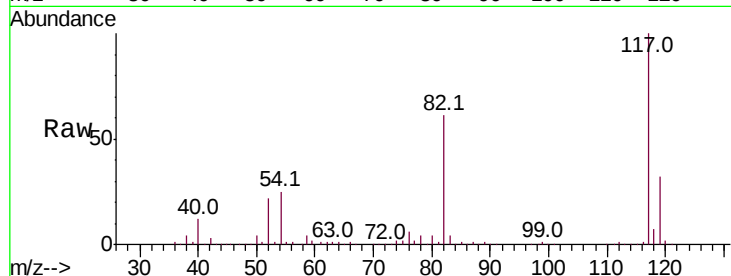
ClientSampleId :

ICVVX032319

Tot Ion:	117	Resp:	326493
Ion Ratio	Lower	Upper	
117	100		
82	61.4	44.3	66.5
119	31.7	25.3	37.9

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#64

Tetrachloroethene

Concen: 48.424 ug/l

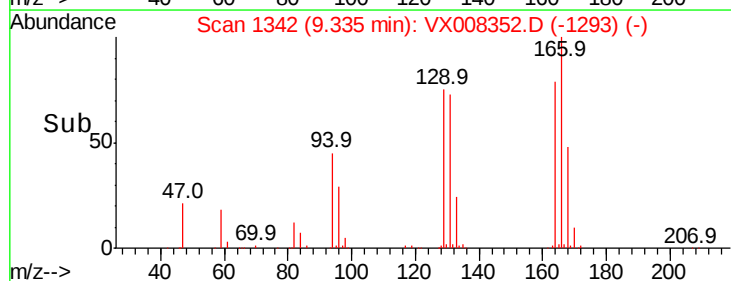
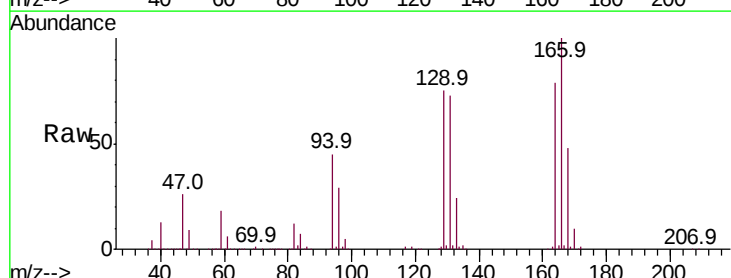
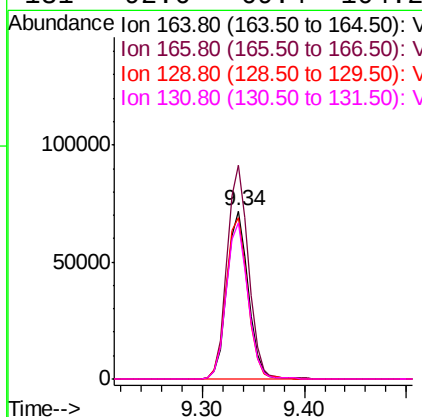
RT: 9.34 min Scan# 1342

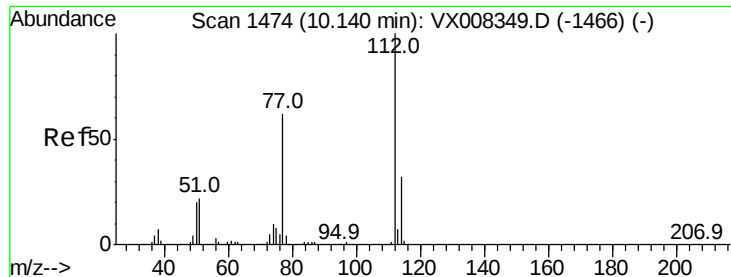
Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Tgt Ion:	164	Resp:	103389
Ion Ratio	Lower	Upper	
164	100		
166	127.0	103.4	155.0
129	95.8	72.2	108.4
131	92.6	69.4	104.2





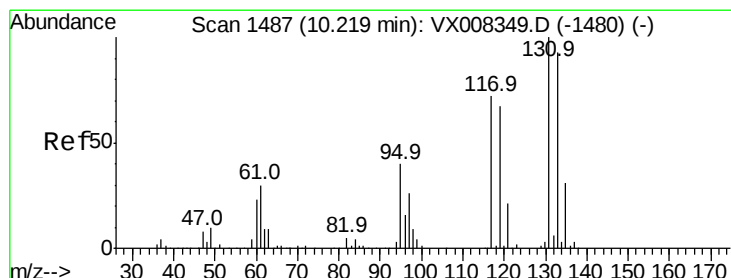
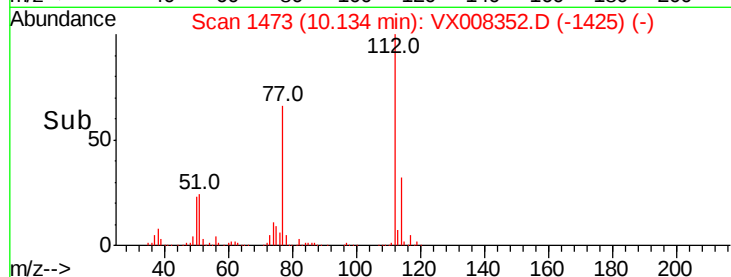
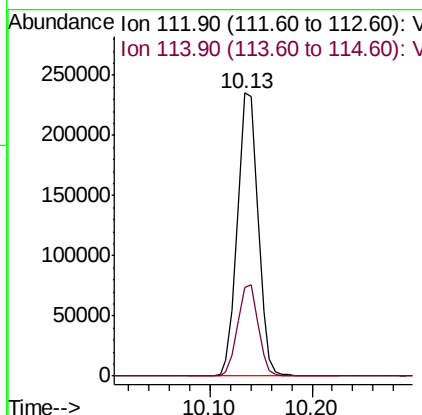
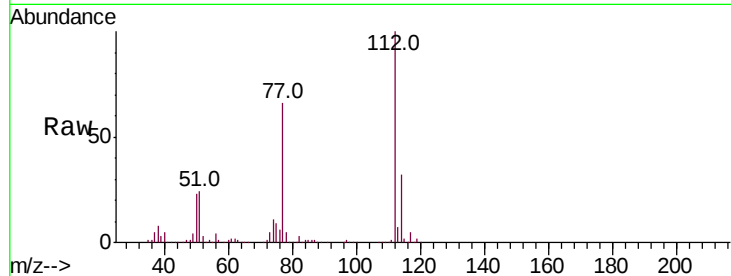
#65
Chlorobenzene
Concen: 47.902 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

Tot Ion:112 Resp: 327997
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0

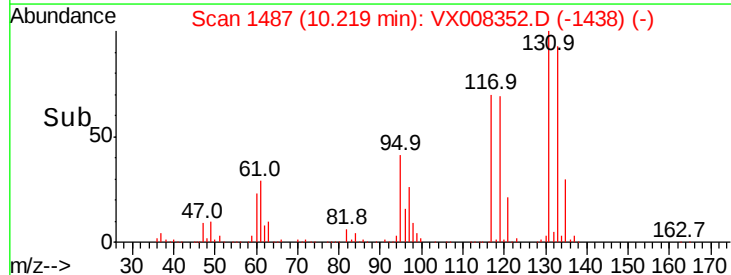
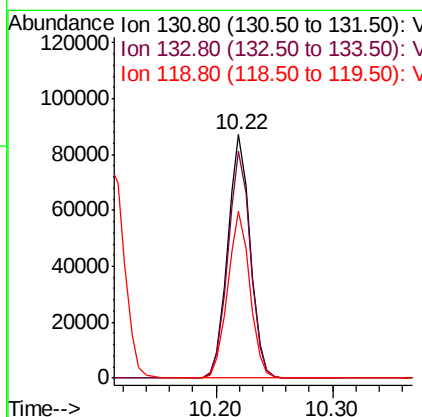
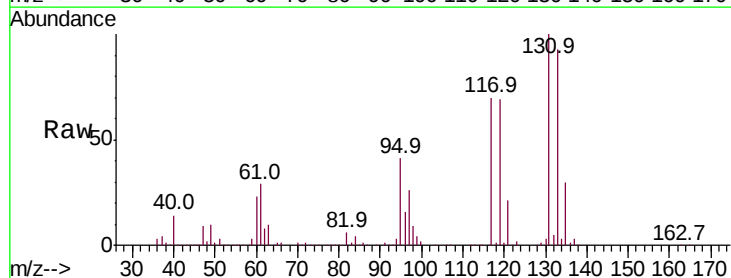
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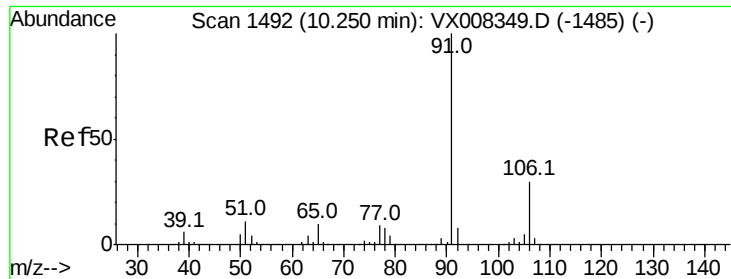
MMDadoda
3/25/2019 11:16:59 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.072 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion:131 Resp: 116525
Ion Ratio Lower Upper
131 100
133 93.8 47.8 143.3
119 68.0 32.5 97.5





#67

Ethyl Benzene

Concen: 48.986 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

Tot Ion: 91 Resp: 628070

Ion Ratio Lower Upper

91 100

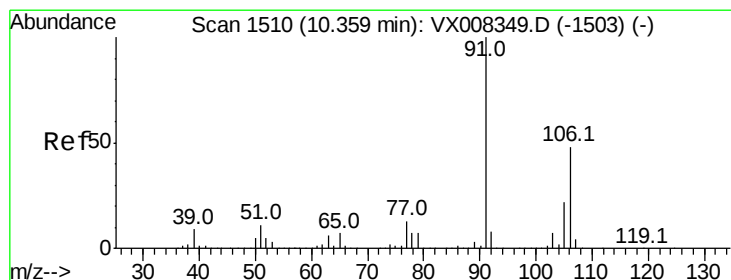
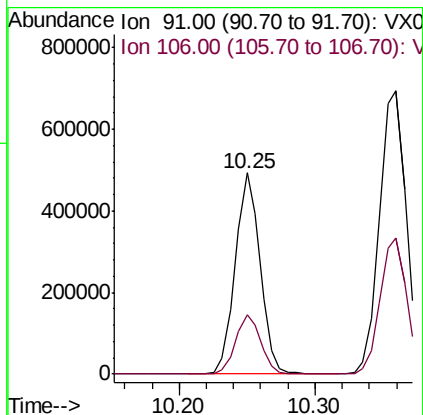
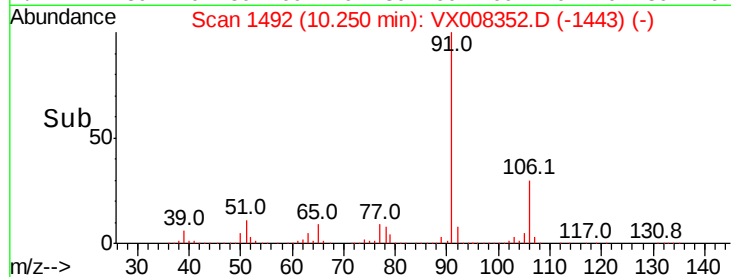
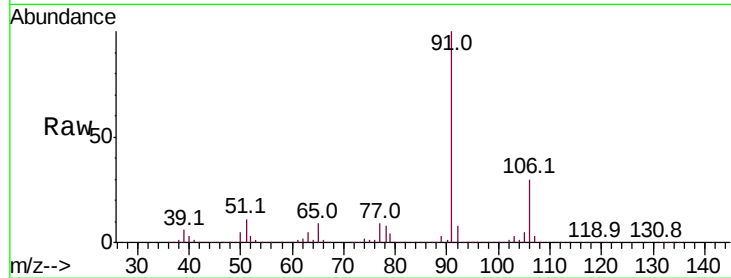
106 29.6 25.2 37.8

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#68

m/p-Xylenes

Concen: 98.799 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008352.D

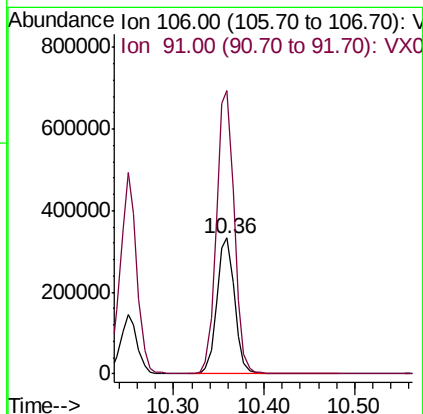
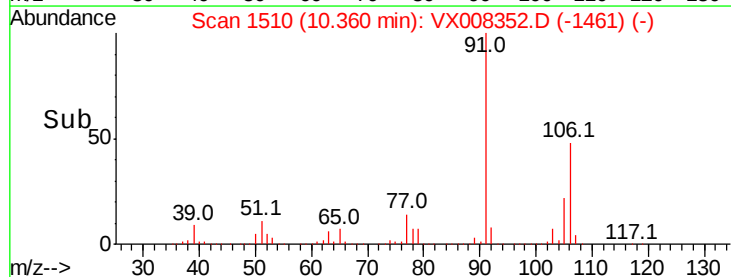
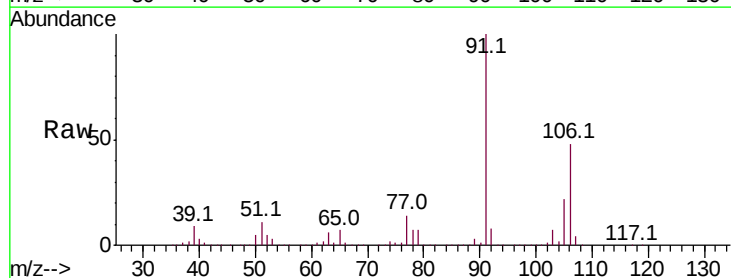
Acq: 23 Mar 2019 15:31

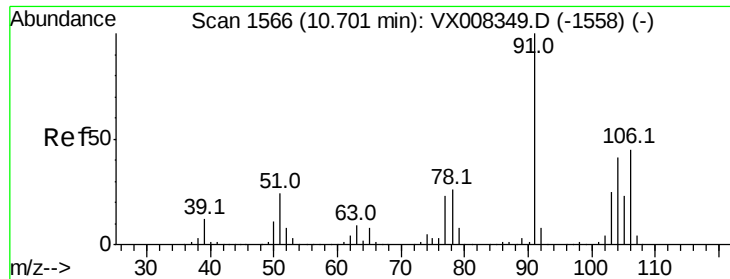
Tgt Ion: 106 Resp: 455137

Ion Ratio Lower Upper

106 100

91 210.2 159.8 239.6





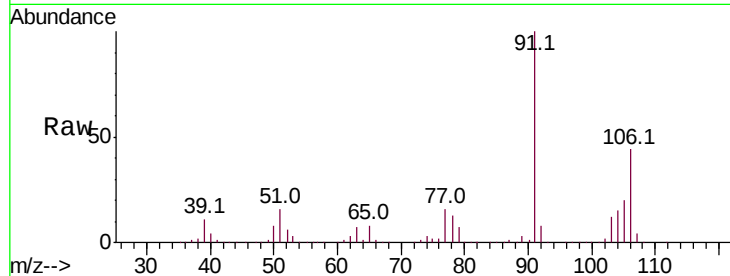
#69
o-Xylene
Concen: 48.699 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

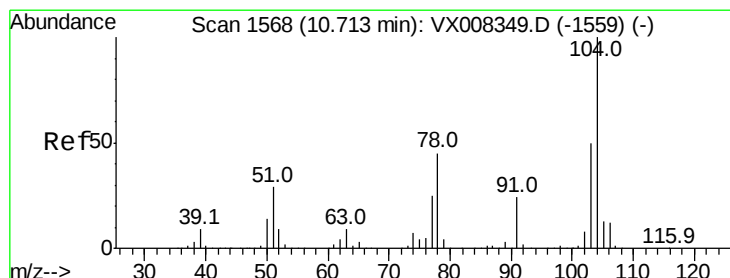
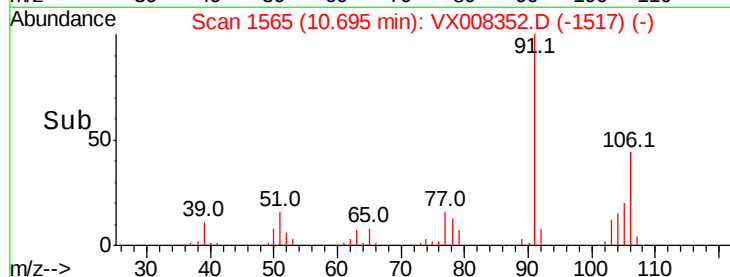
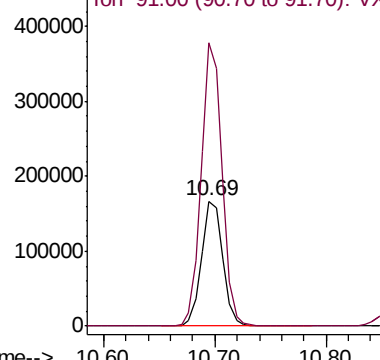
Tot Ion:106 Resp: 219368
Ion Ratio Lower Upper
106 100
91 222.7 106.3 318.9

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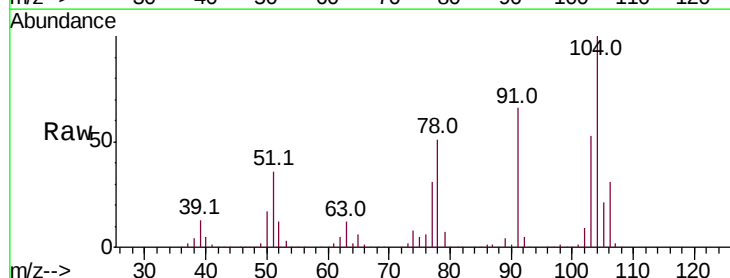


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

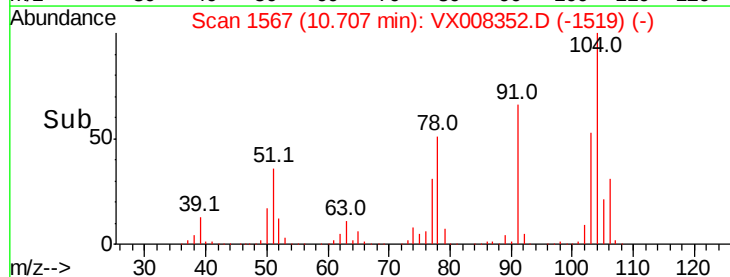
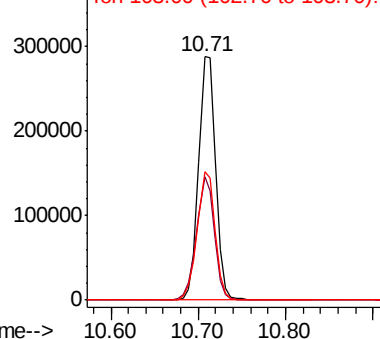


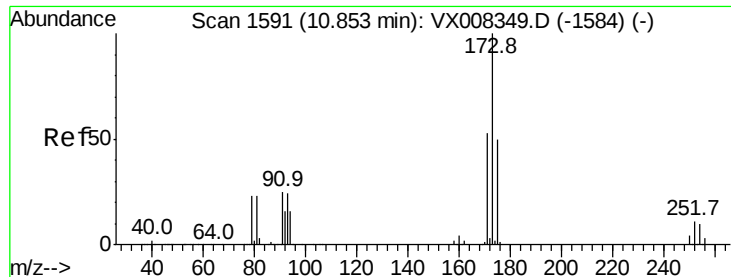
#70
Styrene
Concen: 49.721 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion:104 Resp: 388422
Ion Ratio Lower Upper
104 100
78 53.0 38.5 57.7
103 55.2 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





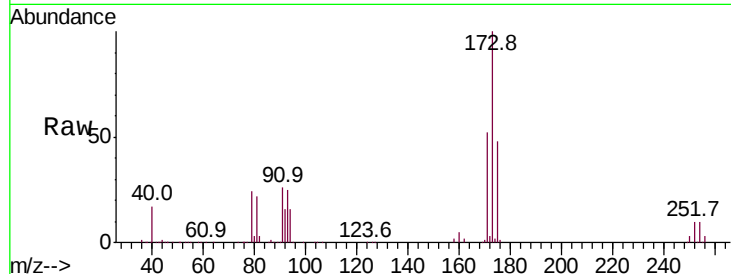
#71
Bromoform
Concen: 50.247 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

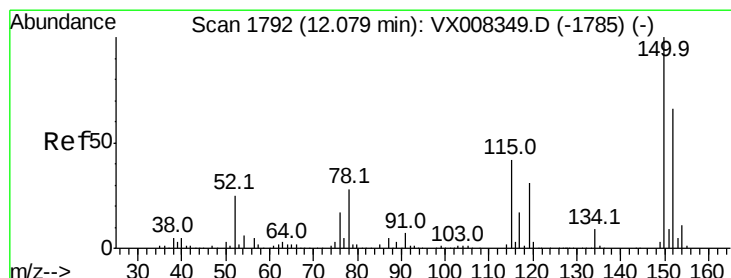
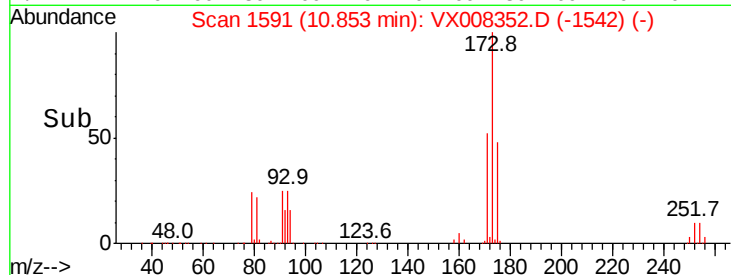
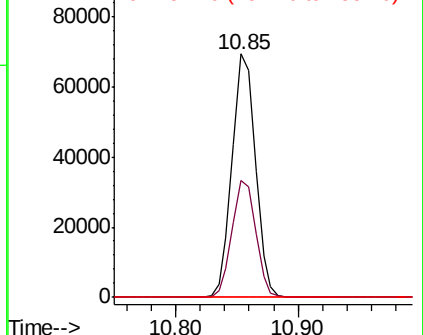
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	72.9
254	0.2	0.1	0.1#

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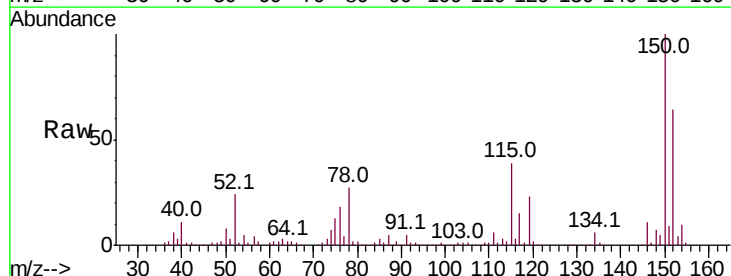


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

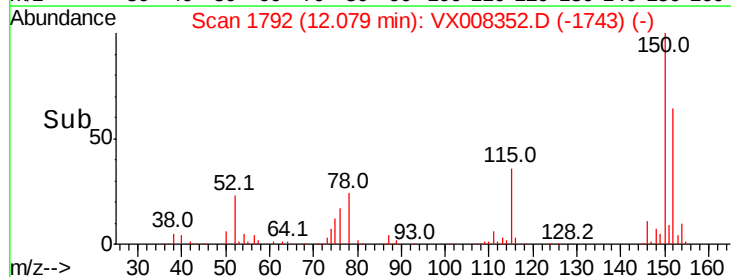
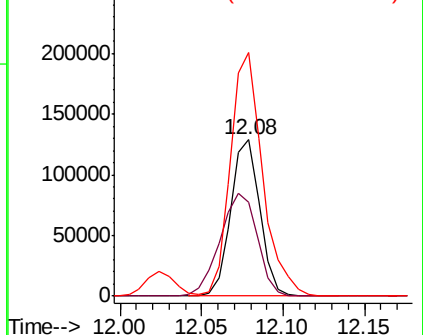


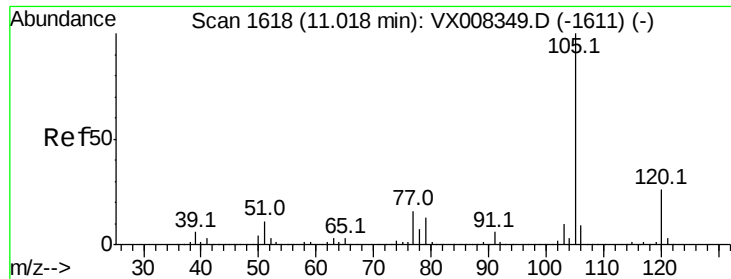
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	84.8	38.6	115.7
150	172.4	0.0	348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.579 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

Tot Ion: 105 Resp: 584575

Ion Ratio Lower Upper

105 100

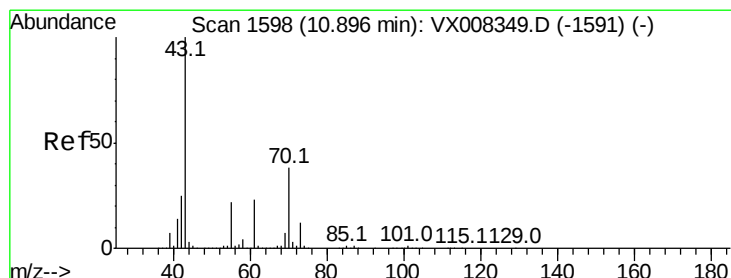
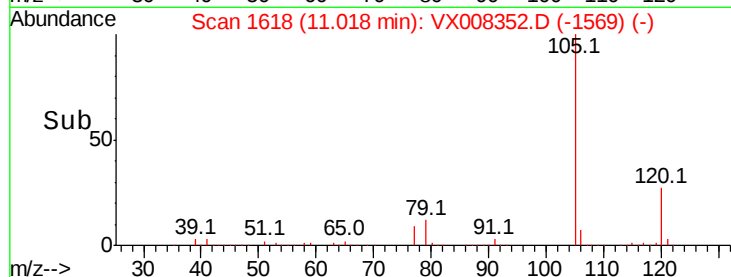
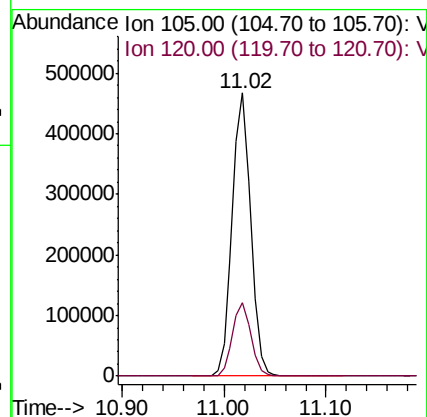
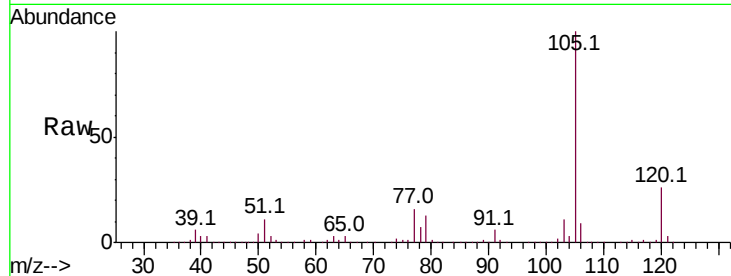
120 25.8 13.4 40.1

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#74

N-ethyl acetate

Concen: 48.035 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Tgt Ion: 43 Resp: 352957

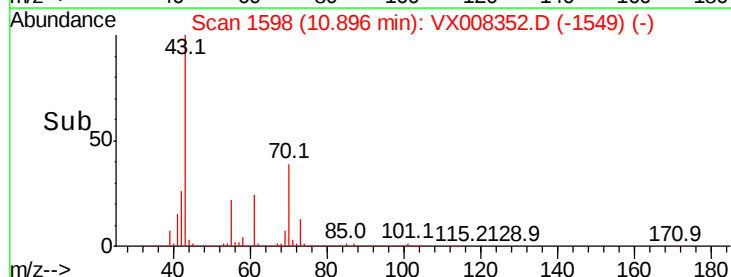
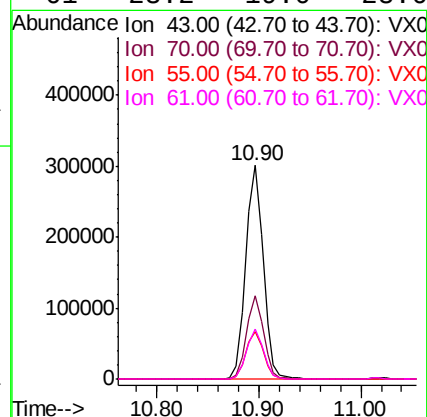
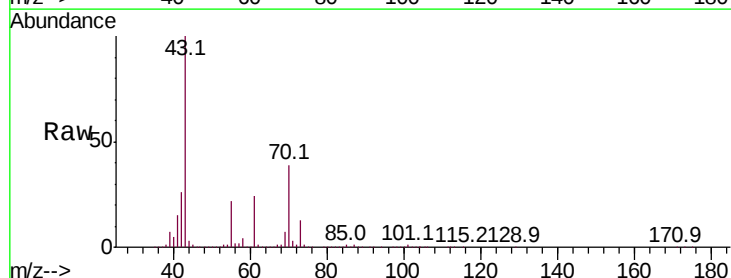
Ion Ratio Lower Upper

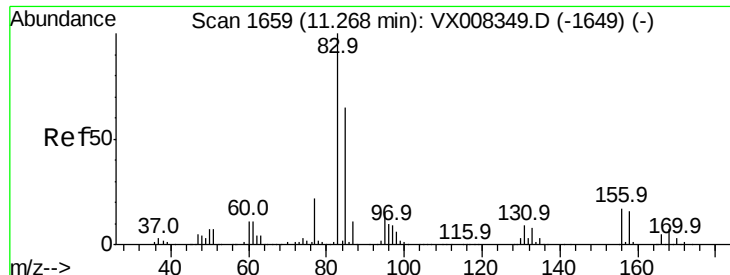
43 100

70 38.4 33.5 50.3

55 22.8 19.2 28.8

61 23.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.548 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

Tot Ion: 83 Resp: 222698

Ion Ratio Lower Upper

83 100

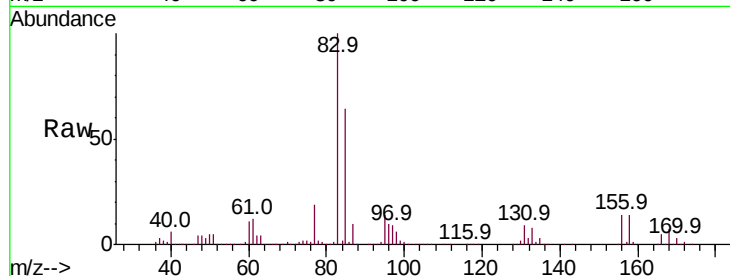
131 8.9 5.4 16.2

85 64.4 32.3 96.8

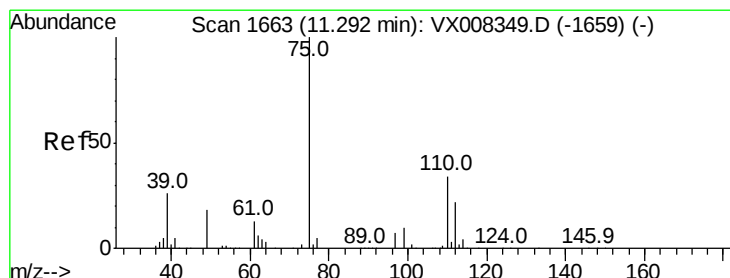
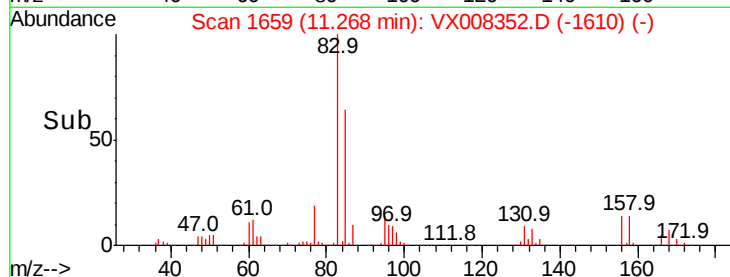
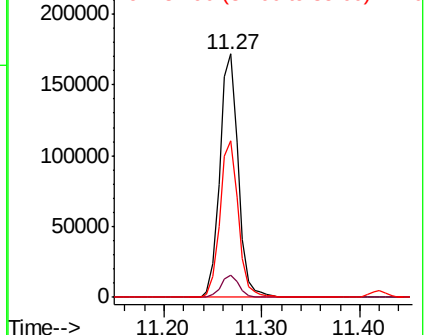
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 44.959 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008352.D

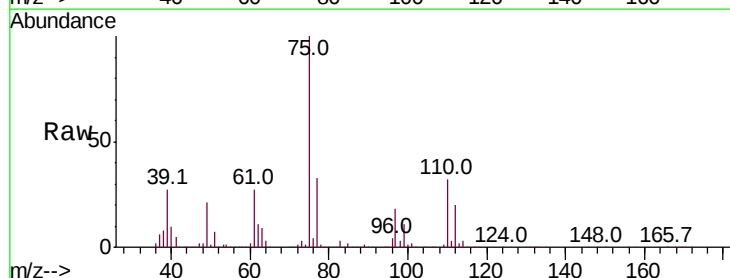
Acq: 23 Mar 2019 15:31

Tgt Ion: 75 Resp: 187142

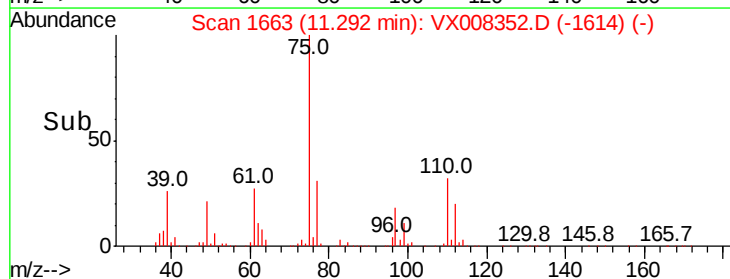
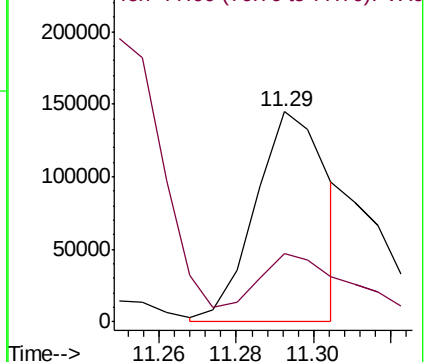
Ion Ratio Lower Upper

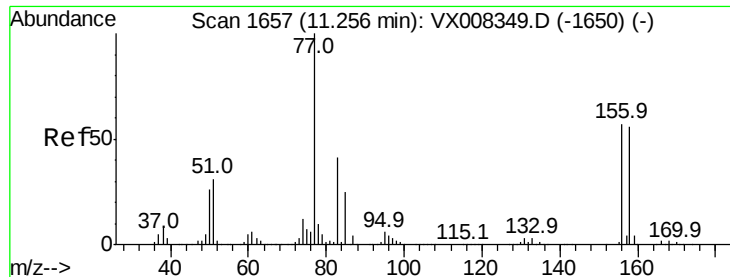
75 100

77 44.1 18.9 56.7



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





#77

Bromobenzene

Concen: 46.068 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

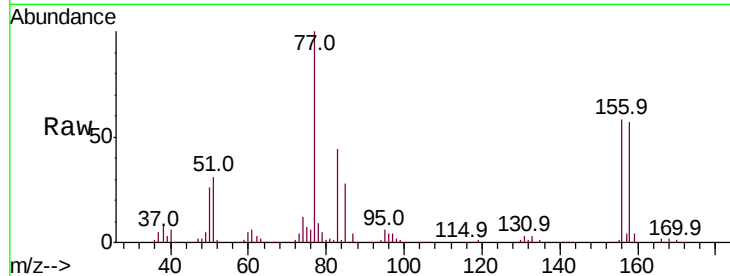
ClientSampled :

ICVVX032319

Tot Ion	Ratio	Lower	Upper
156	100		
77	185.1	72.0	215.9
158	97.6	48.6	145.9

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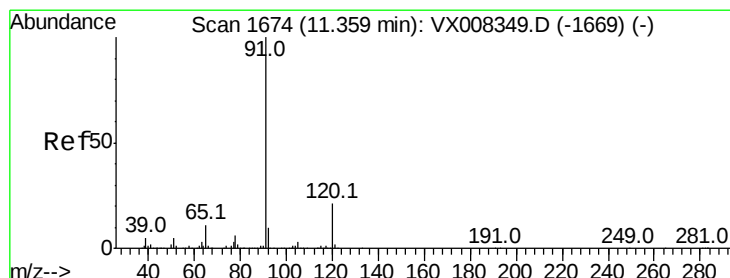
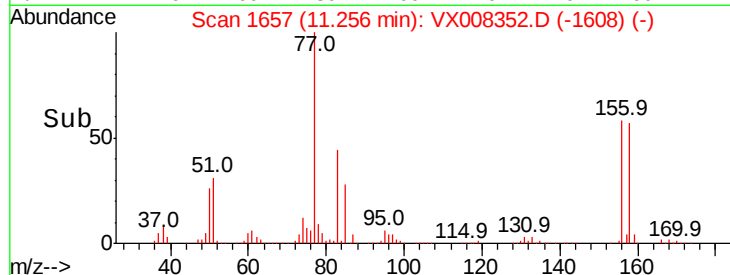
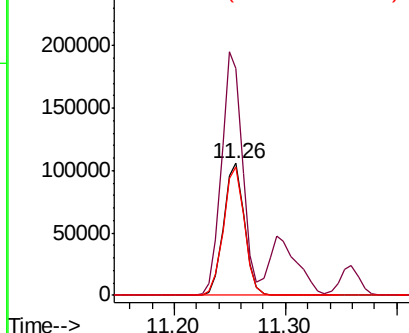


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.037 ug/l

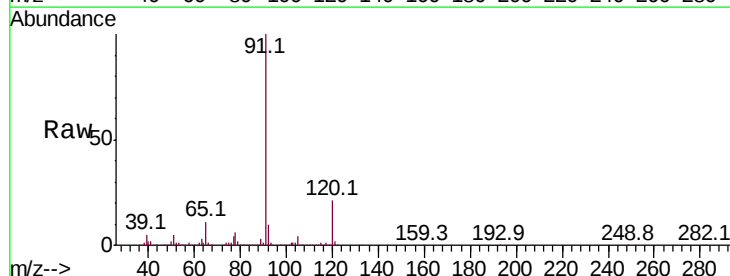
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

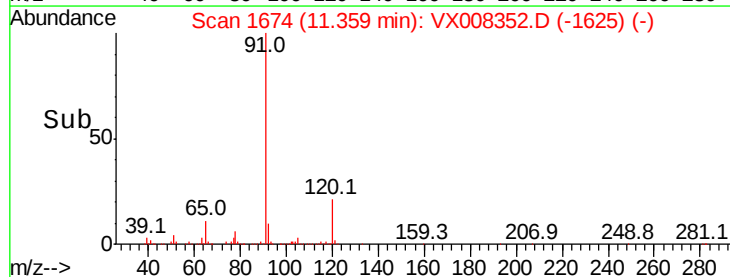
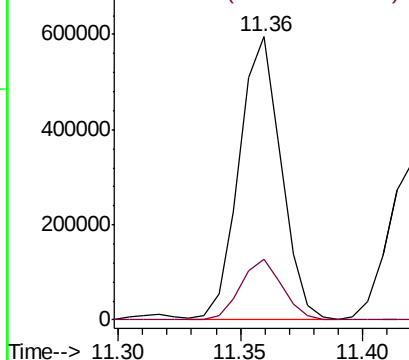
Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.5	12.0	36.0

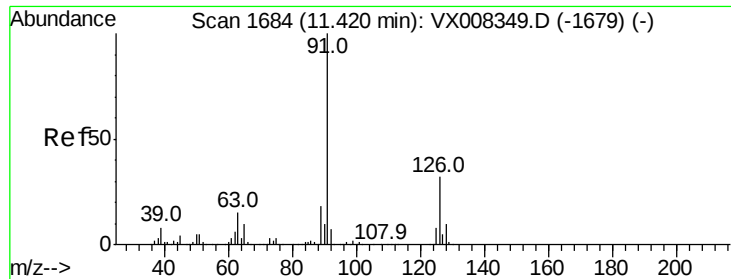


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.104 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

Tot Ion: 91 Resp: 413094

Ion Ratio Lower Upper

91 100

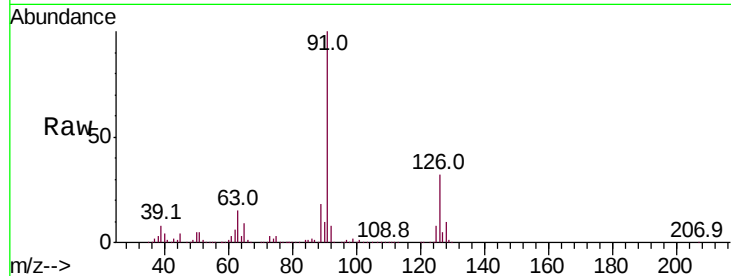
126 31.9 17.5 52.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX008349.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008349.D (-1679) (-)

600000

400000

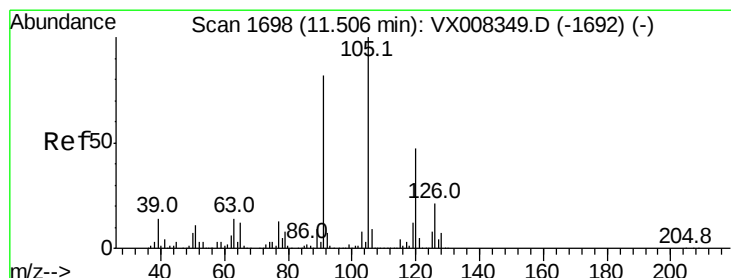
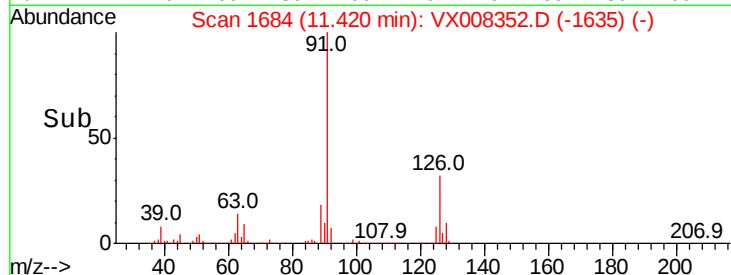
200000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.478 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008352.D

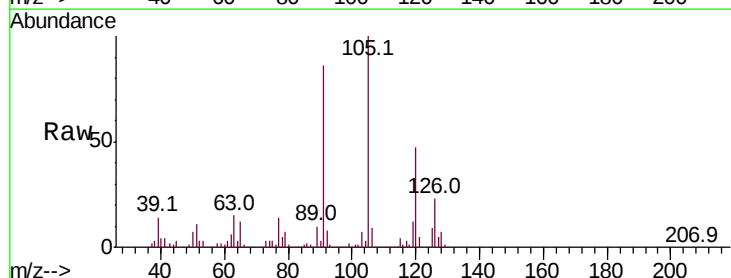
Acq: 23 Mar 2019 15:31

Tgt Ion:105 Resp: 506881

Ion Ratio Lower Upper

105 100

120 46.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX008349.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008349.D (-1692) (-)

500000

400000

300000

200000

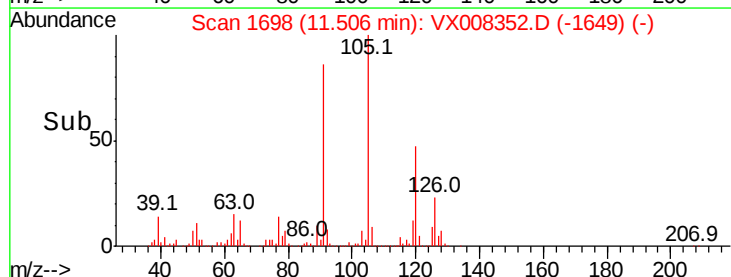
100000

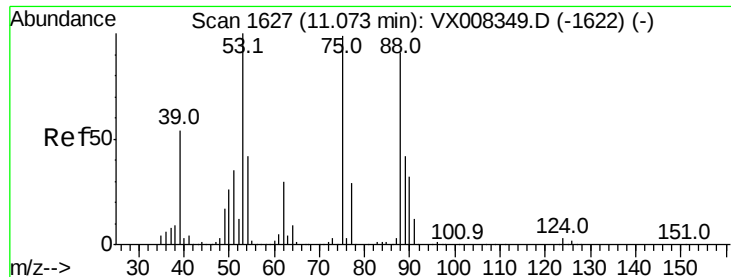
0

11.51

11.60

Time-->





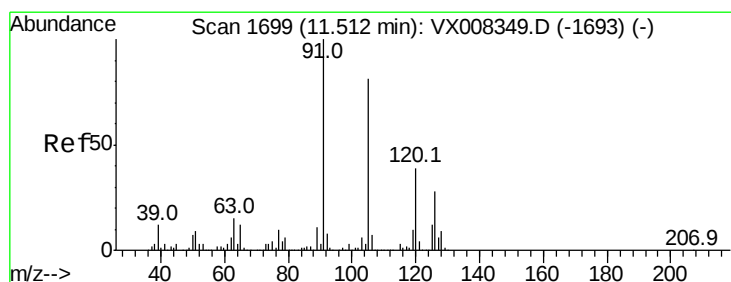
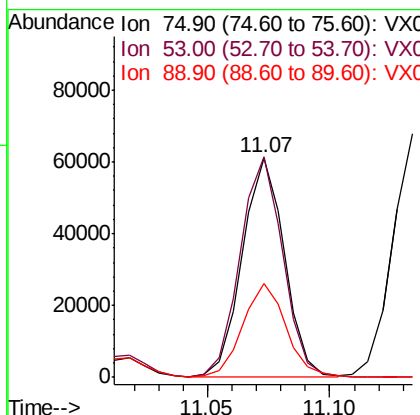
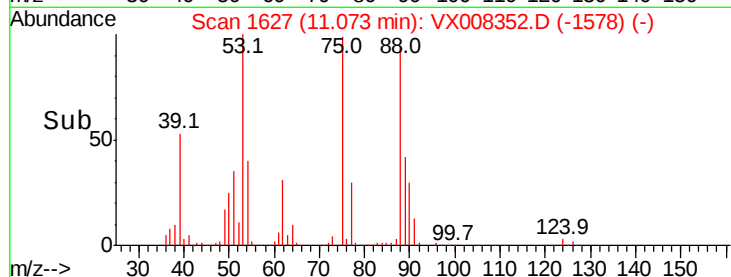
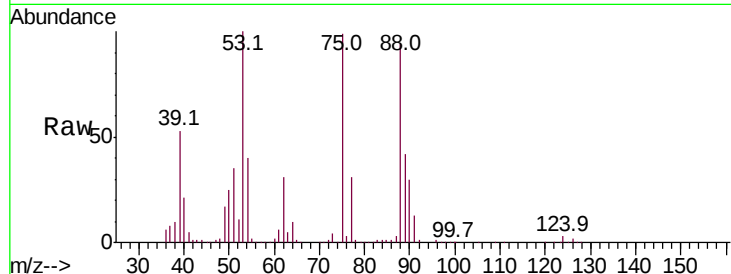
#81
trans-1,4-Dichloro-2-butene
Concen: 49.881 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.4	76.1	114.1
89	44.7	36.3	54.5

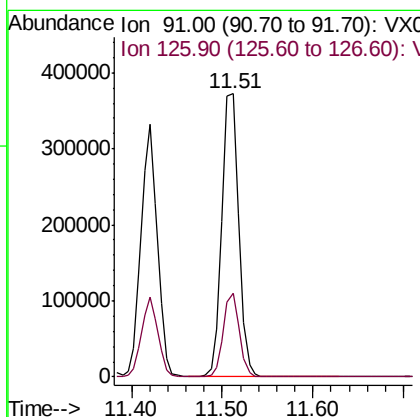
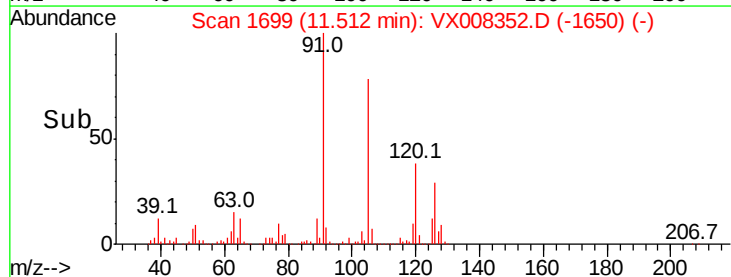
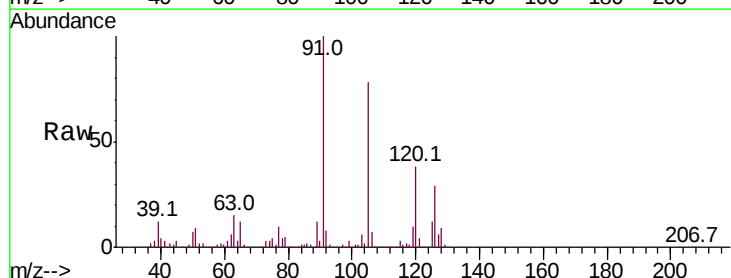
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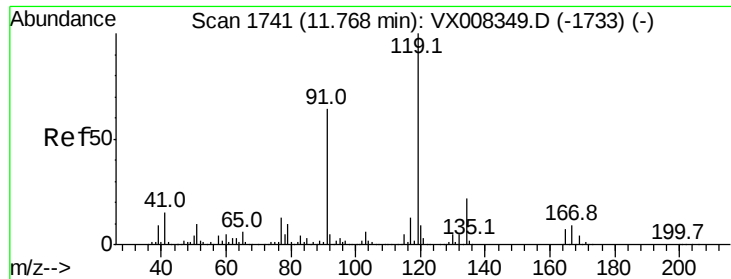
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#82
4-Chlorotoluene
Concen: 47.133 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.9	15.6	46.8





#83

tert-Butylbenzene

Concen: 47.207 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

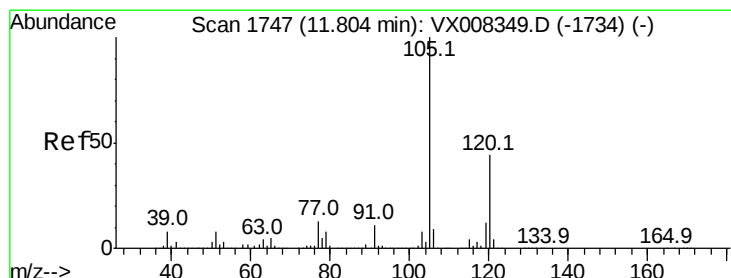
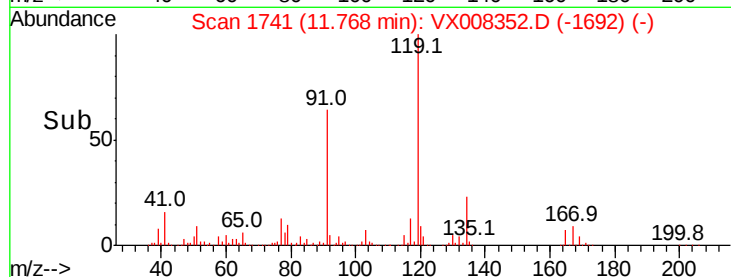
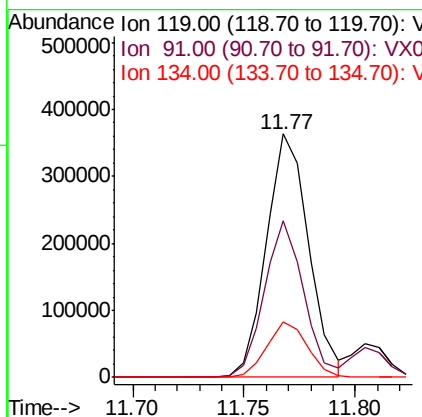
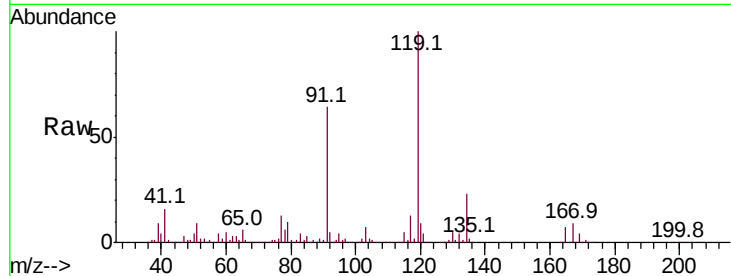
ClientSampleId :

ICVX032319

Tot Ion:	119	Resp:	479933
Ion Ratio	Lower	Upper	
119	100		
91	59.8	27.1	81.3
134	22.0	11.4	34.1

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#84

1,2,4-Trimethylbenzene

Concen: 47.937 ug/l

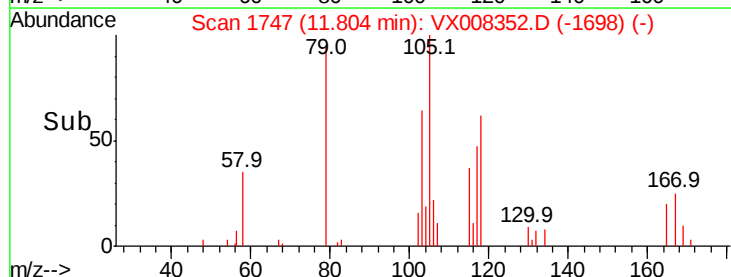
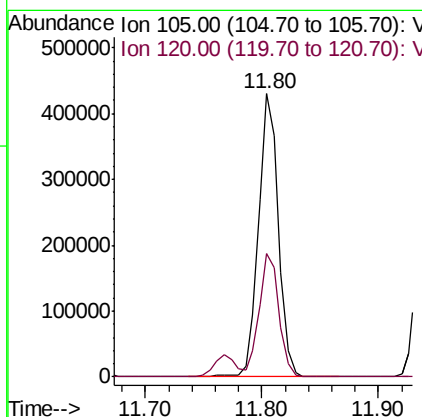
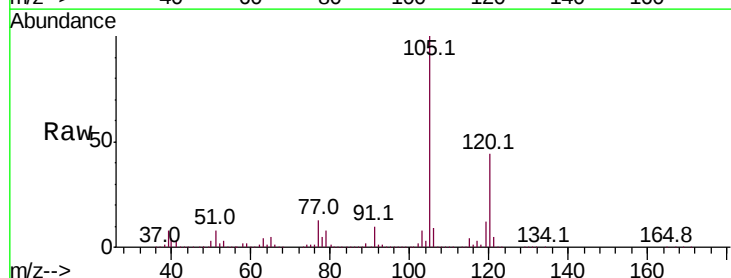
RT: 11.80 min Scan# 1747

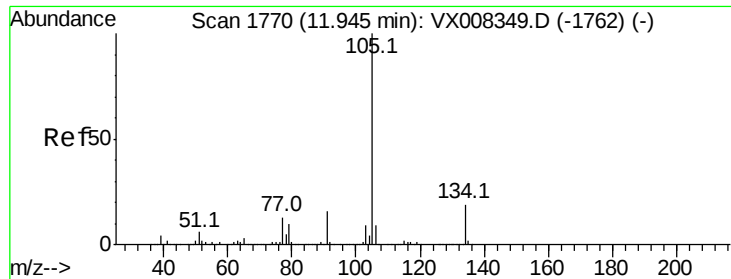
Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Tgt Ion:	105	Resp:	510734
Ion Ratio	Lower	Upper	
105	100		
120	43.0	22.6	67.7





#85

sec-Butylbenzene

Concen: 48.252 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032319

Tot Ion:105 Resp: 587931

Ion Ratio Lower Upper

105 100

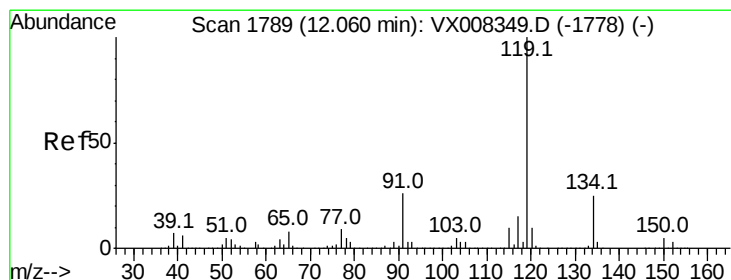
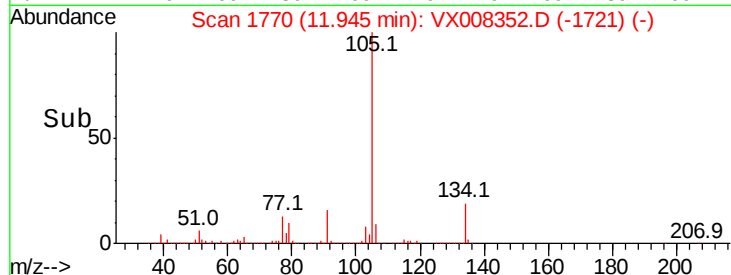
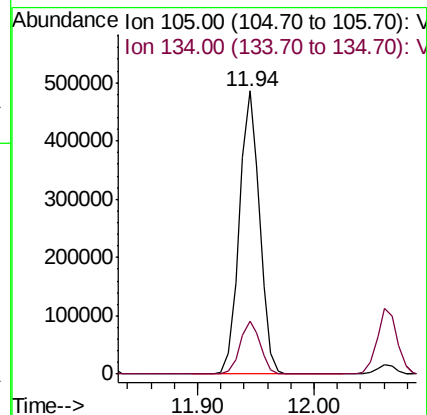
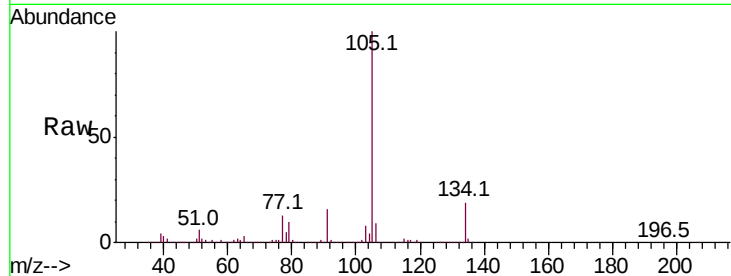
134 18.8 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 48.913 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

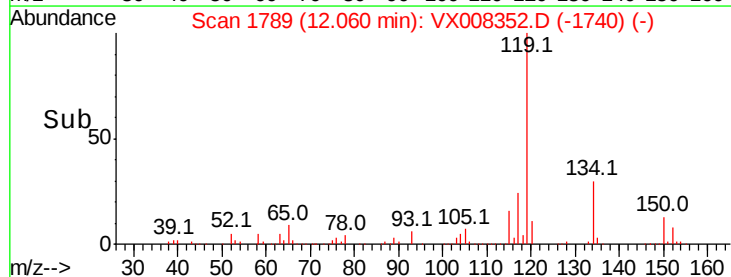
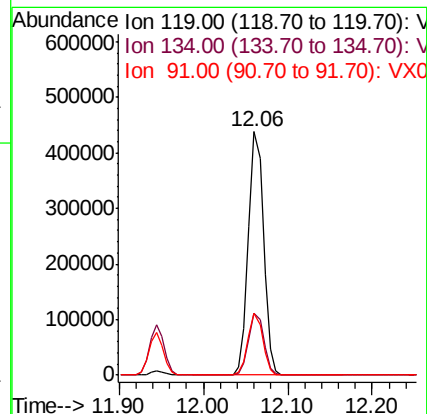
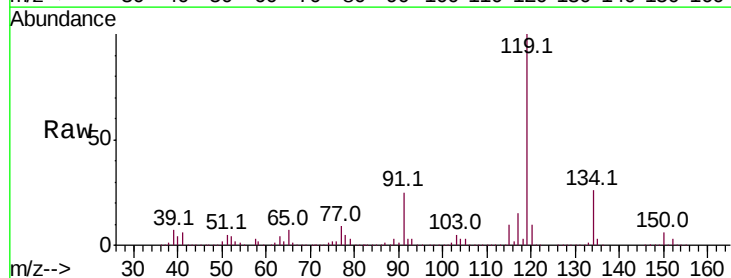
Tgt Ion:119 Resp: 525314

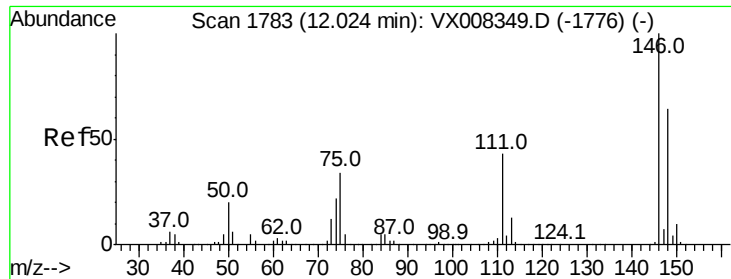
Ion Ratio Lower Upper

119 100

134 25.6 13.3 39.9

91 24.8 10.9 32.7





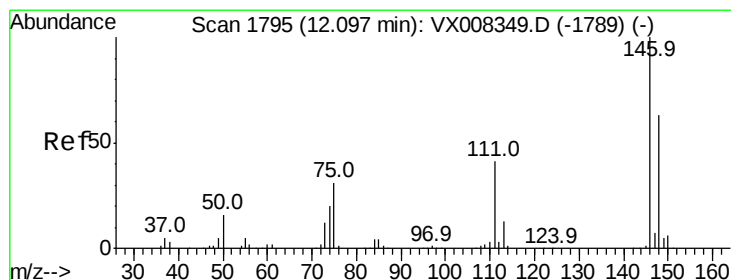
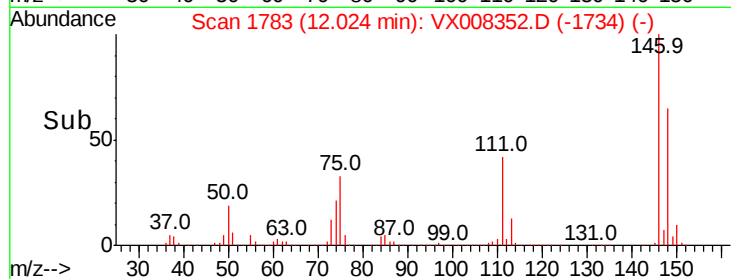
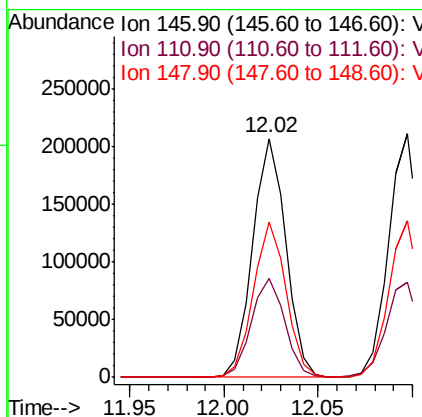
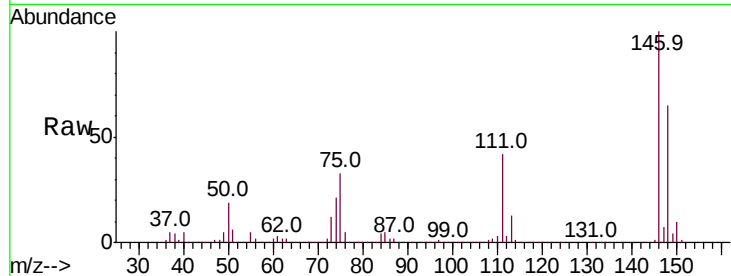
#87
 1,3-Dichlorobenzene
 Concen: 47.336 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032319

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	18.9	56.7
148	64.1	31.7	95.1

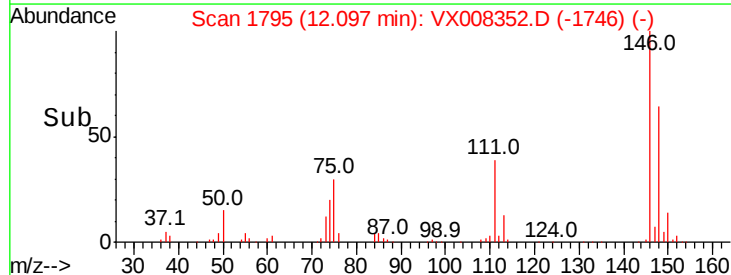
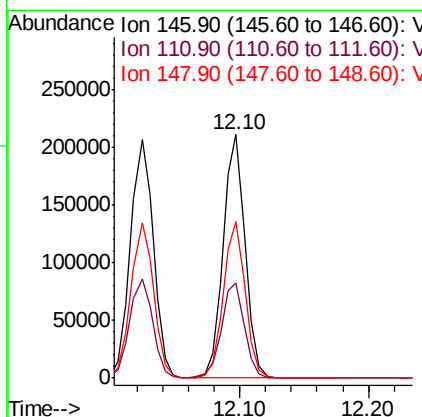
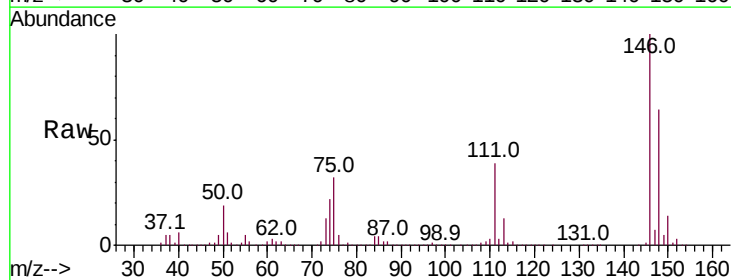
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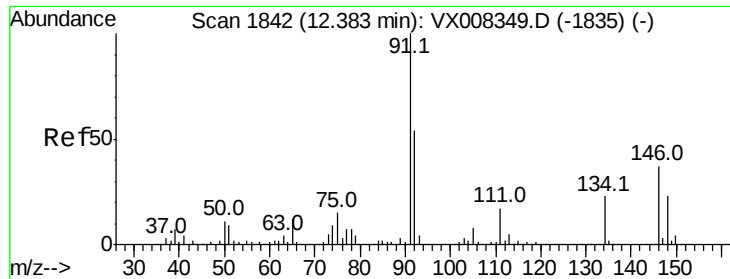
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#88
 1,4-Dichlorobenzene
 Concen: 46.633 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	18.4	55.0
148	64.0	32.2	96.6





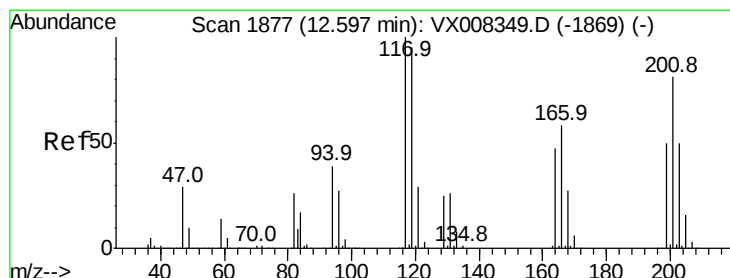
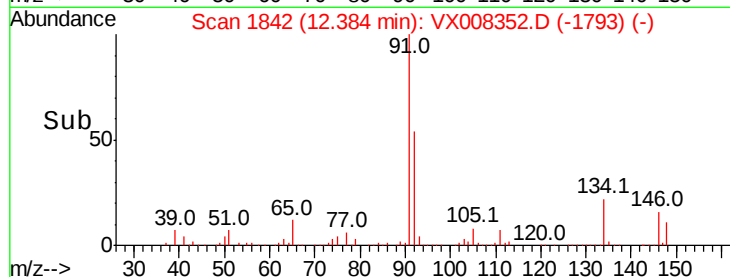
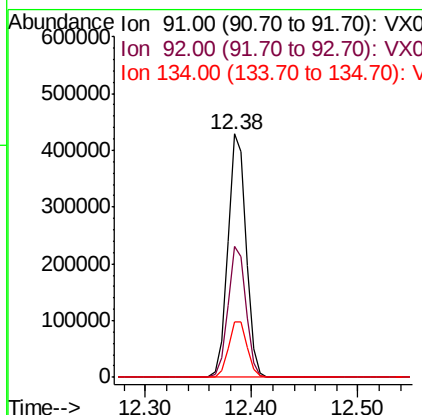
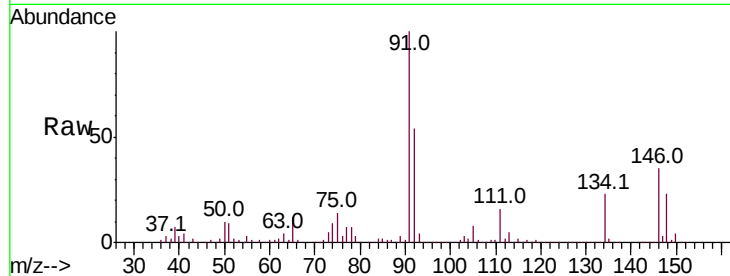
#89
n-Butylbenzene
Concen: 50.011 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032319

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.3	27.0	80.8	
134	23.5	13.7	41.0	

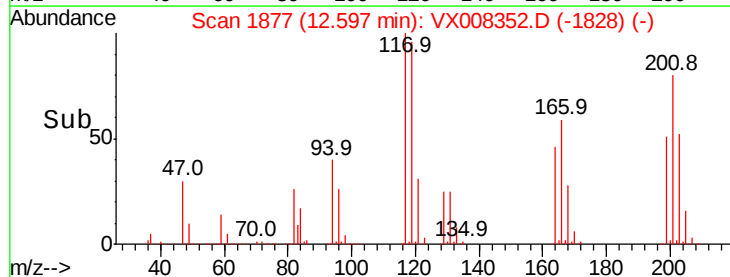
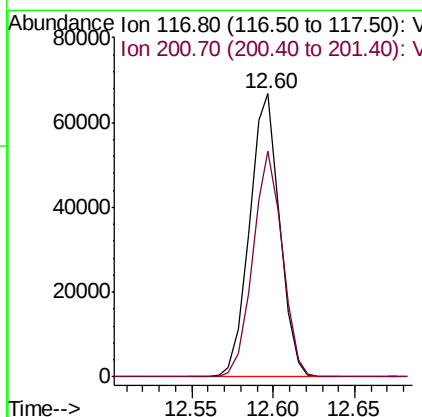
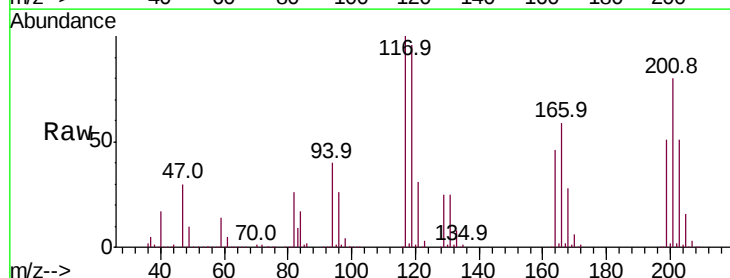
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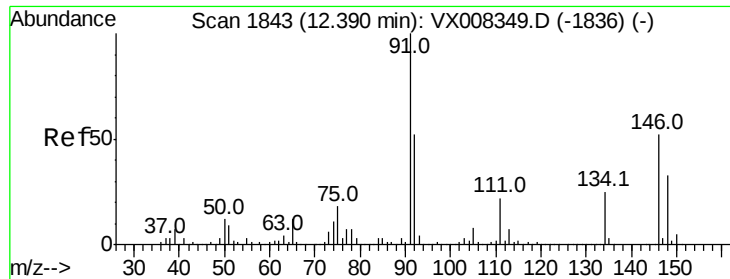
MMDadoda
3/25/2019 11:16:59 AM



#90
Hexachloroethane
Concen: 48.297 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008352.D
Acq: 23 Mar 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	78.2	48.9	146.7	





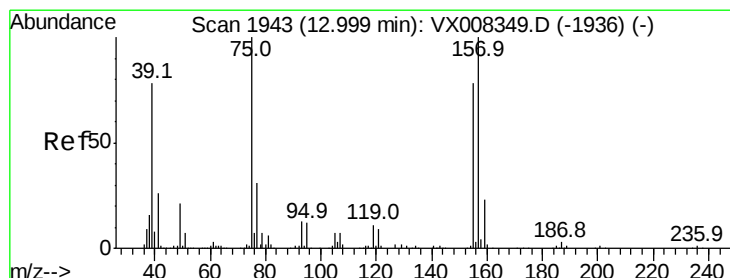
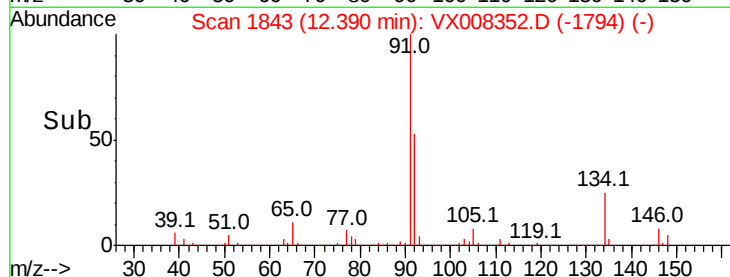
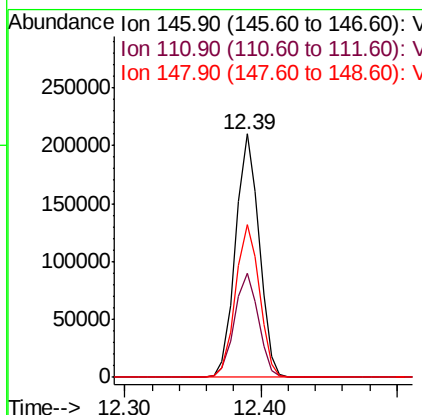
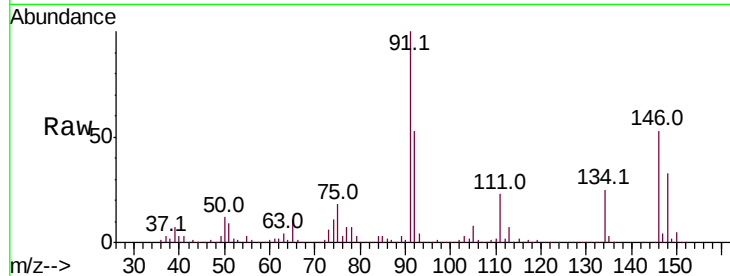
#91
 1,2-Dichlorobenzene
 Concen: 46.984 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX032319

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	19.6	58.8
148	63.6	31.9	95.5

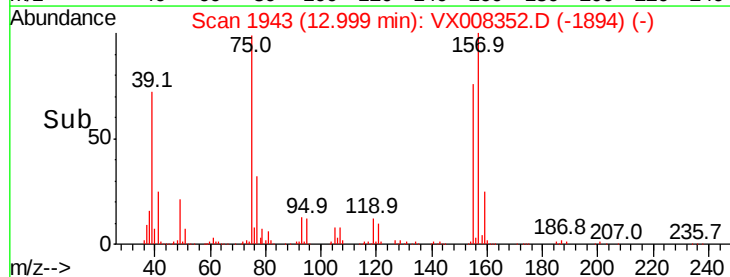
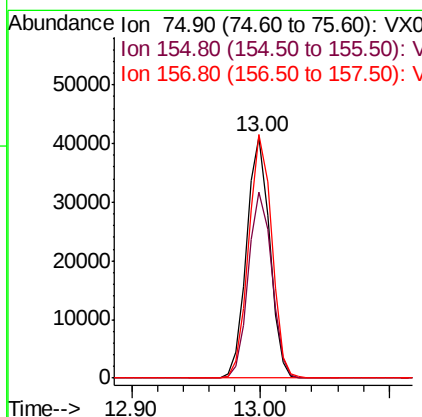
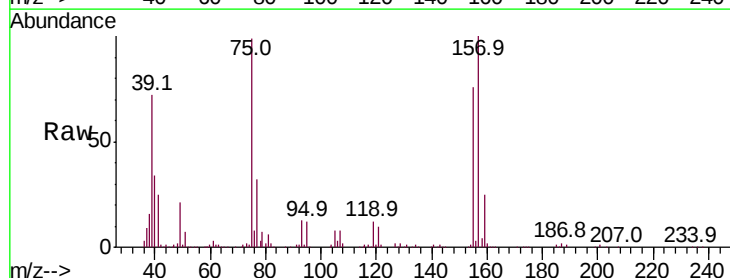
Manual Integrations
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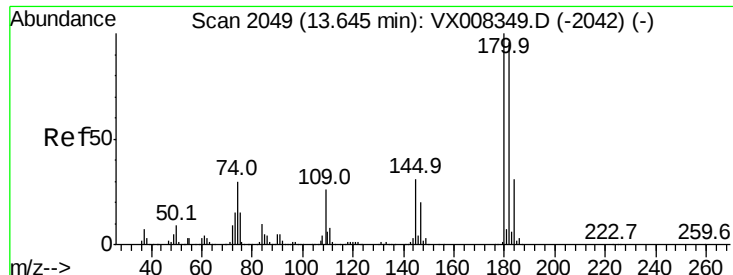
MMDadoda
 3/25/2019 11:16:59 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.353 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	49.7	149.1
157	100.6	63.8	191.4





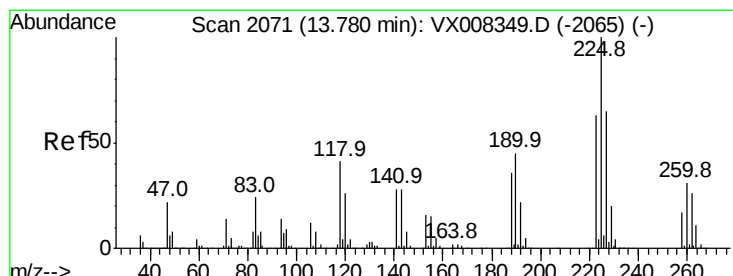
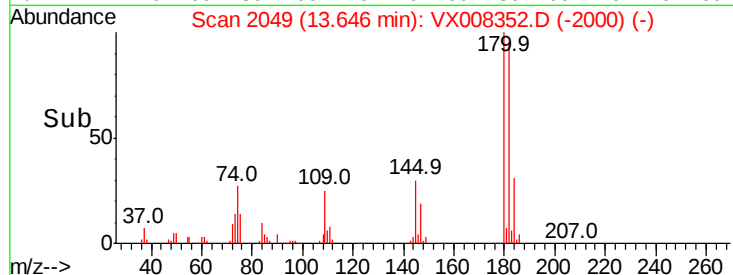
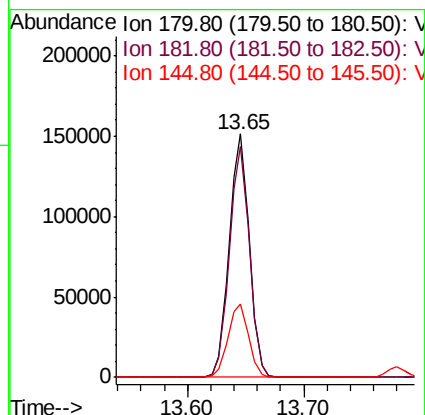
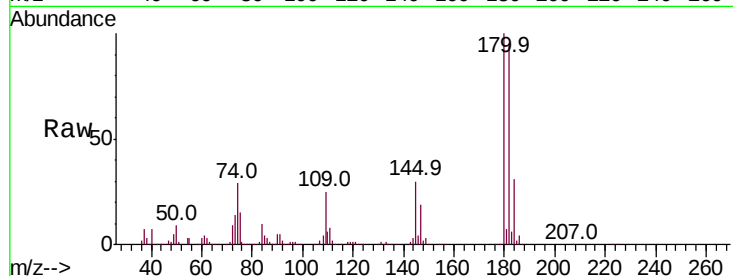
#93
 1,2,4-Trichlorobenzene
 Concen: 49.514 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032319

Tot Ion:	180	Resp:	180356
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.9	143.7
145	30.7	14.1	42.4

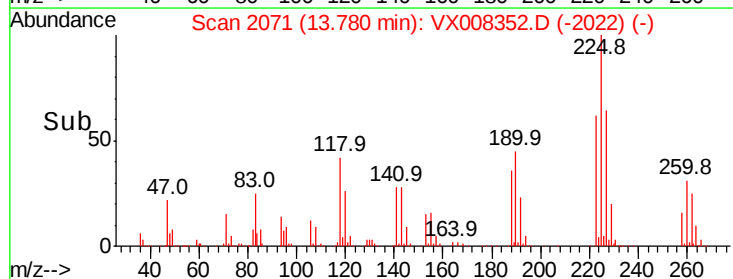
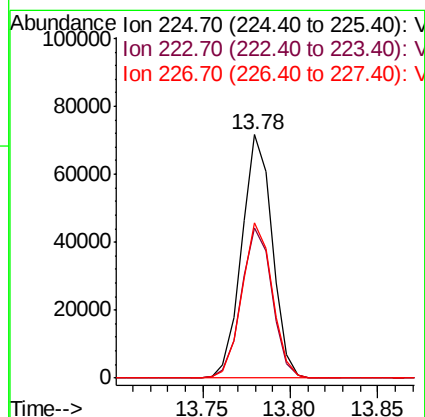
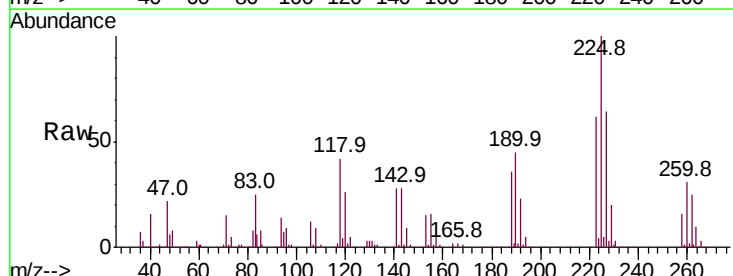
Manual Integrations
 APPROVED

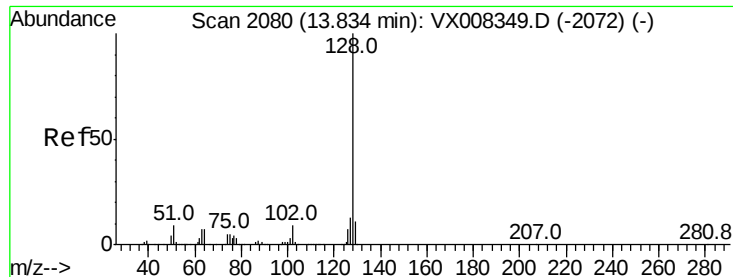
MMDadoda
 3/25/2019 11:16:59 AM



#94
 Hexachlorobutadiene
 Concen: 50.394 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008352.D
 Acq: 23 Mar 2019 15:31

Tgt Ion:	225	Resp:	86748
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.1	93.2
227	63.6	32.0	96.0





#95

Naphthalene

Concen: 48.414 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Instrument :

MSVOA_X

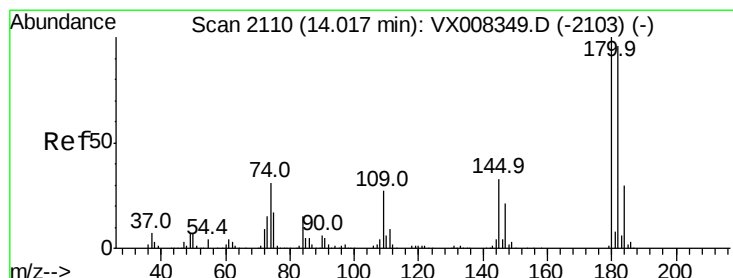
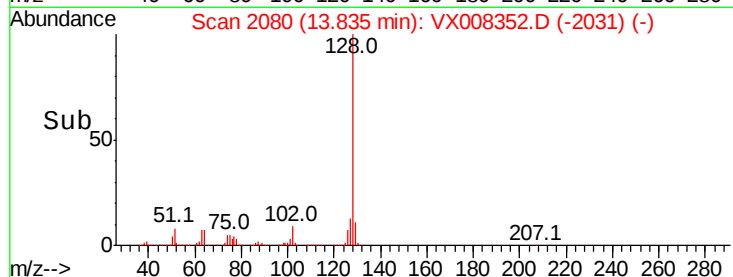
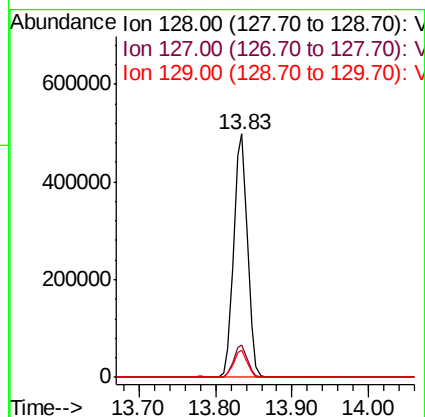
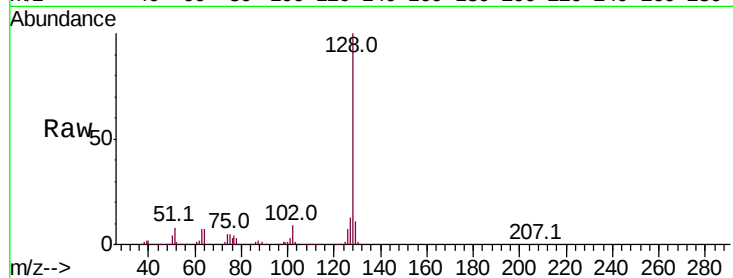
ClientSampleId :

ICVVX032319

Tot Ion:	128	Resp:	619281
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/25/2019 11:16:59 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.319 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008352.D

Acq: 23 Mar 2019 15:31

Tgt Ion:	180	Resp:	181274
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.5	142.5
145	32.2	14.8	44.3

