

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012439.D
 Acq On : 17 Sep 2019 18:18
 Operator : JC/SP
 Sample : VX0917WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:20:35 AM

Quant Time: Sep 18 03:46:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	119031	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	5.49	113	85511	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	8.71	98	313746	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.14	95	127817	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	21295	19.215	ug/l	99
3) Chloromethane	1.32	50	18324	19.812	ug/l	100
4) Vinyl Chloride	1.40	62	19485	19.491	ug/l	99
5) Bromomethane	1.63	94	9796	24.943	ug/l	98
6) Chloroethane	1.72	64	13408	17.140	ug/l	92
7) Trichlorofluoromethane	1.92	101	37124	20.258	ug/l	98
8) Diethyl Ether	2.18	74	15643	18.899	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	26287	19.826	ug/l	97
10) Methyl Iodide	2.50	142	18429	19.200	ug/l	95
11) Tert butyl alcohol	3.03	59	58566	92.072	ug/l	98
12) 1,1-Dichloroethene	2.36	96	20696	19.567	ug/l	92
13) Acrolein	2.28	56	18957	88.451	ug/l	98
14) Allyl chloride	2.72	41	46663	18.949	ug/l	98
15) Acrylonitrile	3.13	53	98778	94.538	ug/l	100
16) Acetone	2.43	43	95041	80.881	ug/l	98
17) Carbon Disulfide	2.56	76	27115	19.278	ug/l	99
18) Methyl Acetate	2.76	43	47269	18.813	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	110689	19.193	ug/l	100
20) Methylene Chloride	2.84	84	27861	19.093	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	21475	19.552	ug/l	94
22) Diisopropyl ether	3.84	45	110374	19.143	ug/l	95
23) Vinyl Acetate	3.80	43	459222	96.822	ug/l	99
24) 1,1-Dichloroethane	3.69	63	54792	19.862	ug/l	99
25) 2-Butanone	4.66	43	148998	89.085	ug/l	100
26) 2,2-Dichloropropane	4.57	77	48243	17.781	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	31483	19.188	ug/l	97
28) Bromochloromethane	5.00	49	27626	19.425	ug/l	98
29) Tetrahydrofuran	5.12	42	89362	96.715	ug/l	99
30) Chloroform	5.20	83	59409	18.751	ug/l	99
31) Cyclohexane	5.57	56	32714	19.644	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	51415	19.416	ug/l	100
36) 1,1-Dichloropropene	5.79	75	32841	19.197	ug/l	96
37) Ethyl Acetate	4.82	43	51695	19.686	ug/l	97
38) Carbon Tetrachloride	5.78	117	40361	18.969	ug/l	98

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Manual Integrations
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MMDadoda
 9/18/2019 11:20:35 AM

Quant Time: Sep 18 03:46:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	33879	20.372	ug/l	98
40) Benzene	6.13	78	106144	19.512	ug/l	97
41) Methacrylonitrile	5.03	41	31104	18.395	ug/l	97
42) 1,2-Dichloroethane	6.18	62	48137	19.078	ug/l	100
43) Isopropyl Acetate	6.43	43	90545	19.211	ug/l	100
44) Trichloroethene	7.21	130	28446	19.878	ug/l	99
45) 1,2-Dichloropropane	7.51	63	31593	18.903	ug/l	96
46) Dibromomethane	7.65	93	21166	19.570	ug/l	97
47) Bromodichloromethane	7.89	83	46007	19.105	ug/l	99
48) Methyl methacrylate	7.76	41	41693	18.766	ug/l	99
49) 1,4-Dioxane	7.73	88	18904	349.602	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	295862	95.722	ug/l	100
52) Toluene	8.78	92	68670	19.590	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	47504	18.977	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	49565	19.125	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	34004	18.829	ug/l	98
56) Ethyl methacrylate	9.17	69	53575	18.974	ug/l	99
57) 1,3-Dichloropropane	9.37	76	56362	19.560	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	145774	99.735	ug/l	99
59) 2-Hexanone	9.49	43	223220	92.570	ug/l	99
60) Dibromochloromethane	9.58	129	35546	19.323	ug/l	99
61) 1,2-Dibromoethane	9.67	107	32427	19.660	ug/l	97
64) Tetrachloroethene	9.33	164	23613	20.433	ug/l	97
65) Chlorobenzene	10.14	112	80395	19.314	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	34013	19.689	ug/l	99
67) Ethyl Benzene	10.25	91	140469	19.642	ug/l	99
68) m/p-Xylenes	10.35	106	102875	39.537	ug/l	98
69) o-Xylene	10.70	106	53612	20.035	ug/l	100
70) Styrene	10.71	104	91595	19.346	ug/l	99
71) Bromoform	10.85	173	23902	18.017	ug/l #	99
73) Isopropylbenzene	11.01	105	148866	19.980	ug/l	99
74) N-amyl acetate	10.89	43	77319	19.275	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	56939	19.481	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	54718m	20.060	ug/l	
77) Bromobenzene	11.25	156	36127	19.881	ug/l	99
78) n-propylbenzene	11.35	91	167906	20.219	ug/l	99
79) 2-Chlorotoluene	11.42	91	105836	19.590	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	128487	20.220	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16795	18.952	ug/l	96
82) 4-Chlorotoluene	11.51	91	123145	19.861	ug/l	99
83) tert-Butylbenzene	11.76	119	134806	19.798	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	130304	19.972	ug/l	100
85) sec-Butylbenzene	11.94	105	153526	20.462	ug/l	100
86) p-Isopropyltoluene	12.06	119	138031	20.035	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	66087	19.334	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	68039	19.378	ug/l	98
89) n-Butylbenzene	12.39	91	118160	19.222	ug/l	98
90) Hexachloroethane	12.59	117	24050	19.038	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	68843	19.270	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14945	19.723	ug/l	94

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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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ClientSampleId :
VX0917WBSD01

Manual Integrations
APPROVED

MMDadoda
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Quant Time: Sep 18 03:46:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	44428	19.307	ug/l	98
94) Hexachlorobutadiene	13.78	225	20346	18.759	ug/l	98
95) Naphthalene	13.83	128	163824	20.008	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	45709	19.492	ug/l	97

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

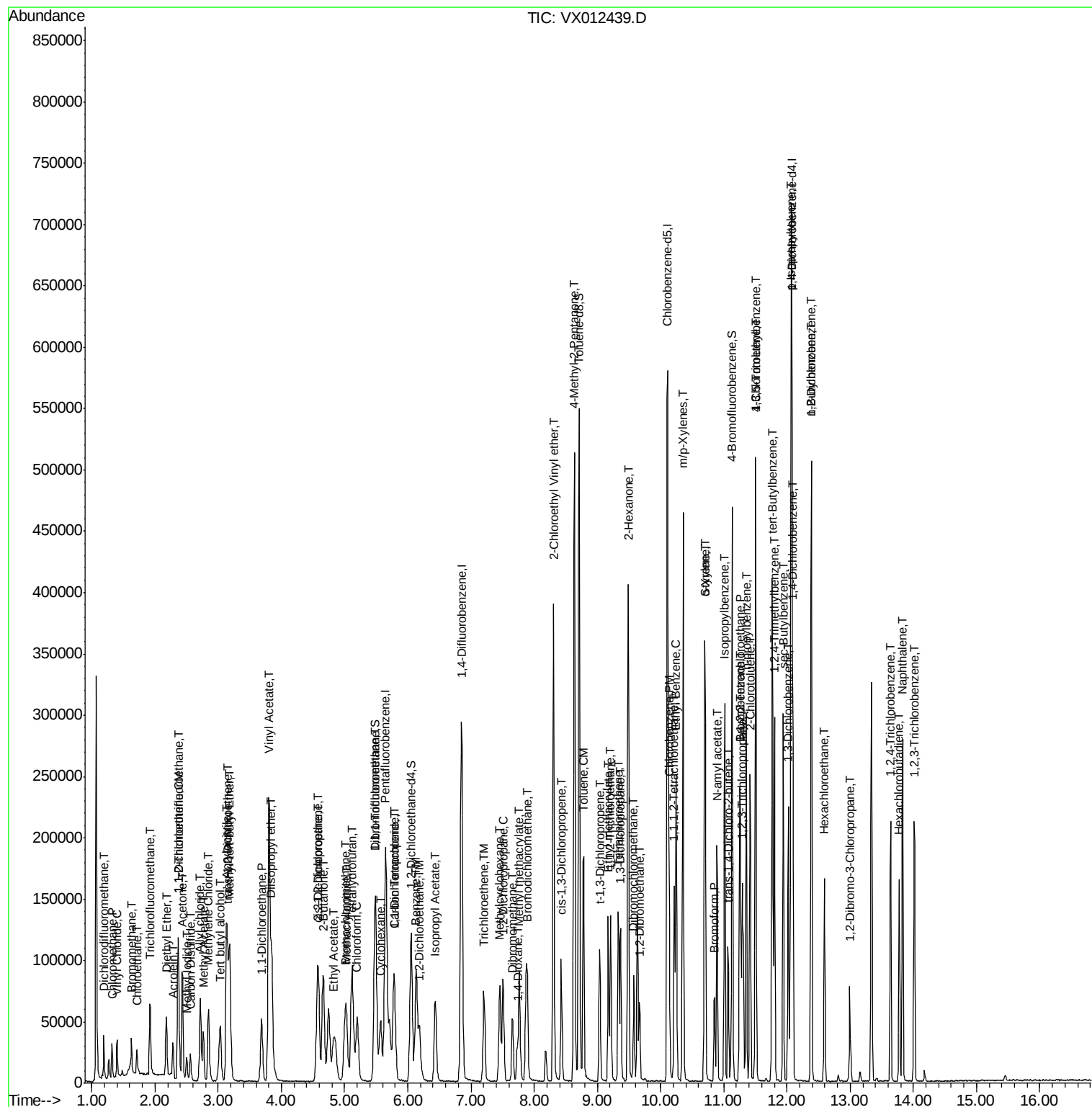
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012439.D
 Acq On : 17 Sep 2019 18:18
 Operator : JC/SP
 Sample : VX0917WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

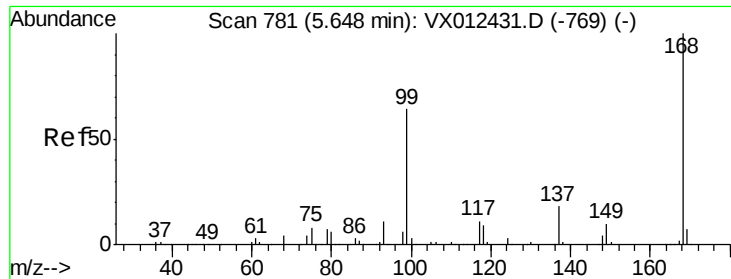
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0917WBSD01

Manual Integrations
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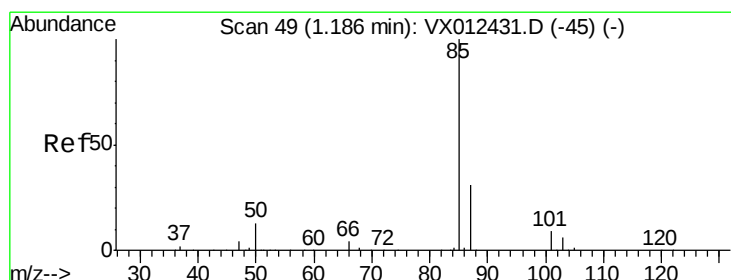
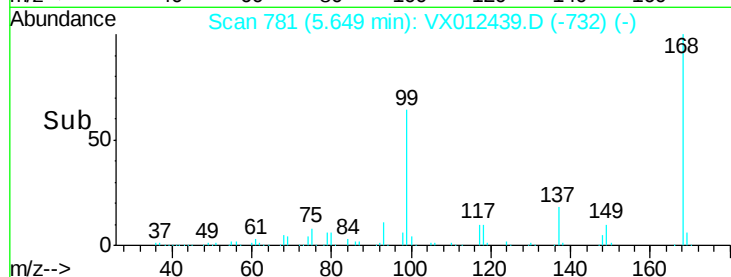
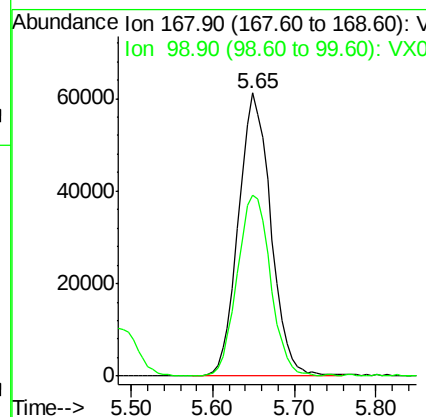
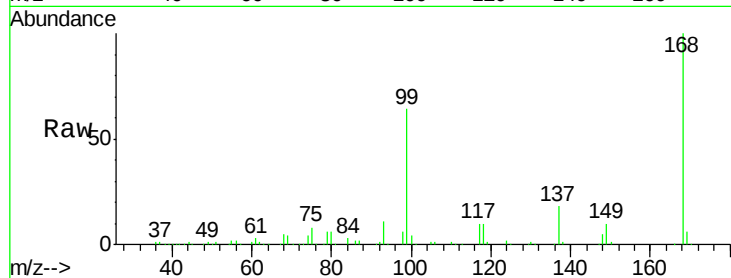
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	168236		
99	64.1	51.4	77.2	

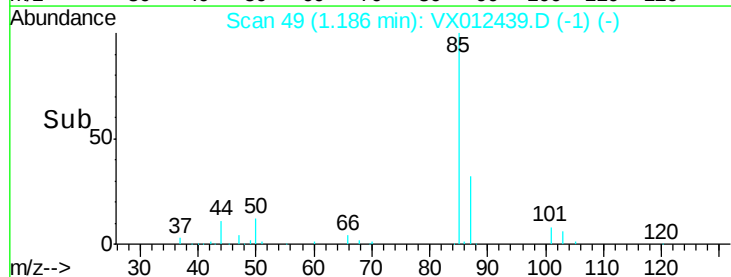
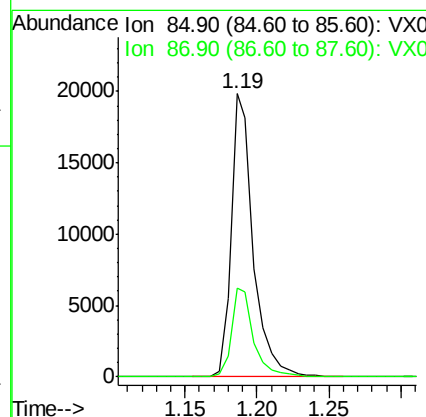
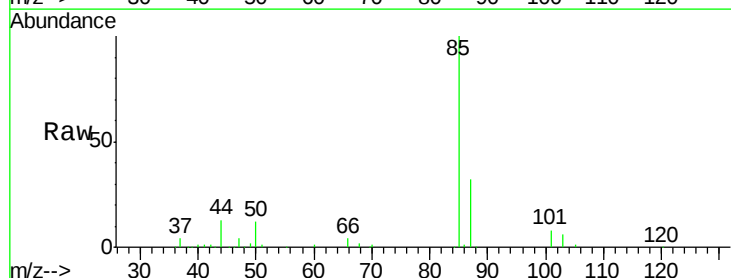
Manual Integrations
APPROVED

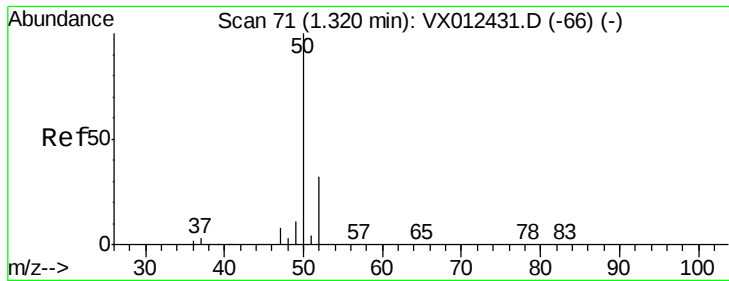
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#2
Dichlorodifluoromethane
Concen: 19.215 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	21295		
87	31.6	15.6	46.8	





#3

Chloromethane

Concen: 19.812 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

Tot Ion: 50 Resp: 18324

Ion Ratio Lower Upper

50 100

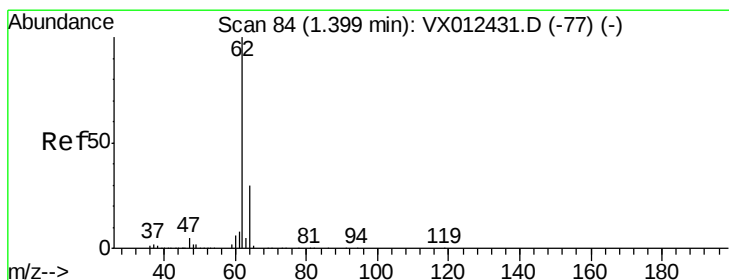
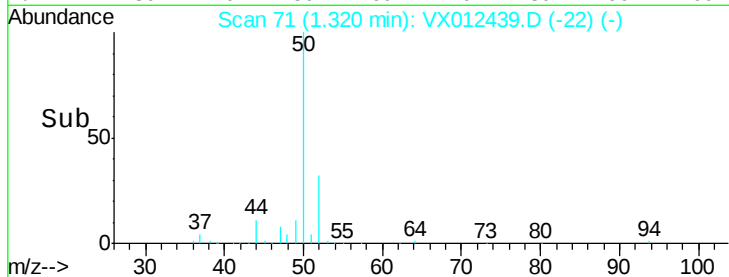
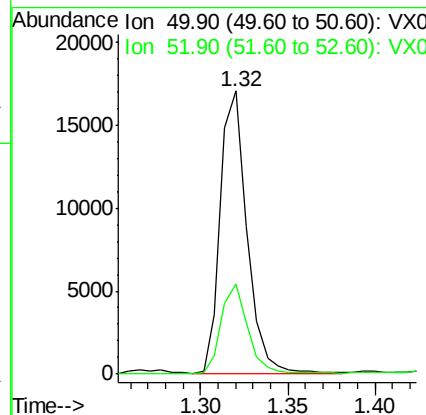
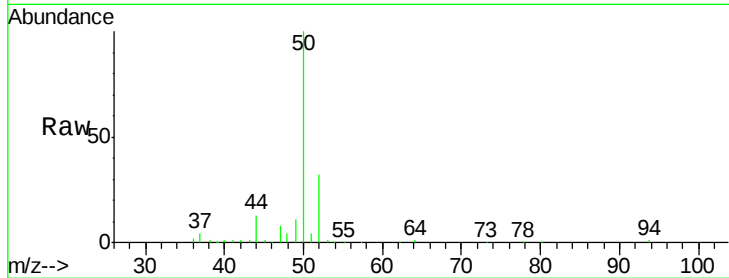
52 31.9 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.491 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012439.D

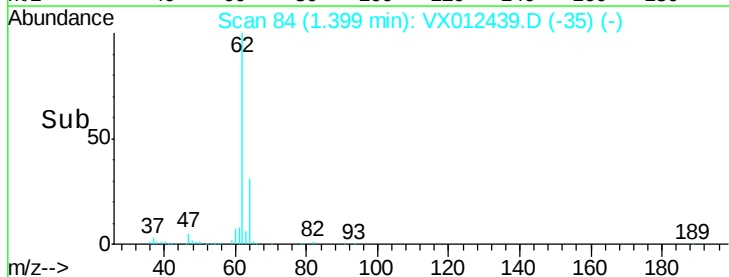
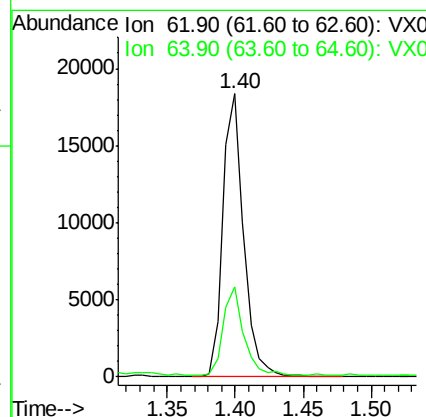
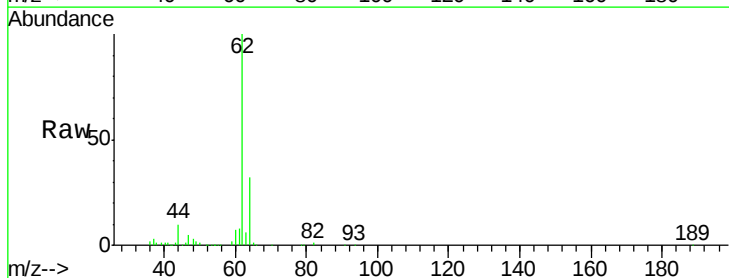
Acq: 17 Sep 2019 18:18

Tgt Ion: 62 Resp: 19485

Ion Ratio Lower Upper

62 100

64 30.9 24.2 36.2





#5

Bromomethane

Concen: 24.943 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

Tot Ion: 94 Resp: 9796

Ion Ratio Lower Upper

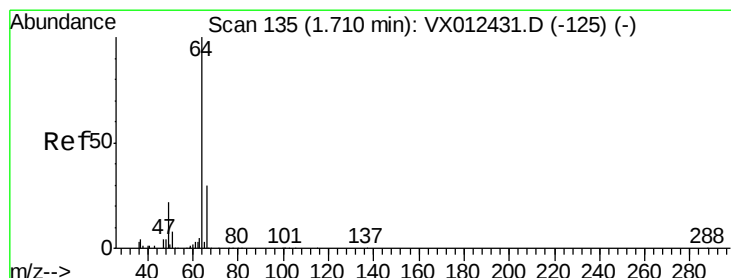
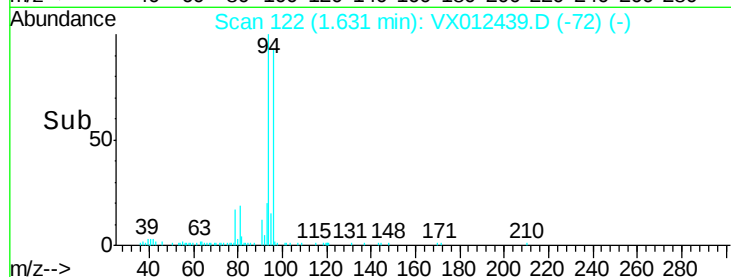
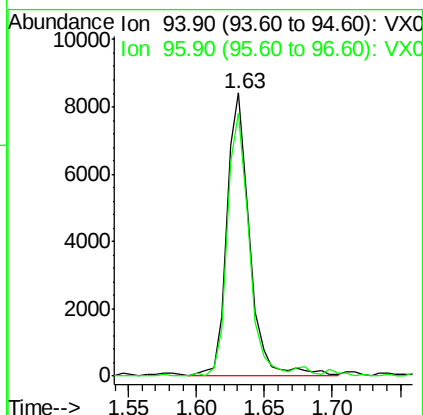
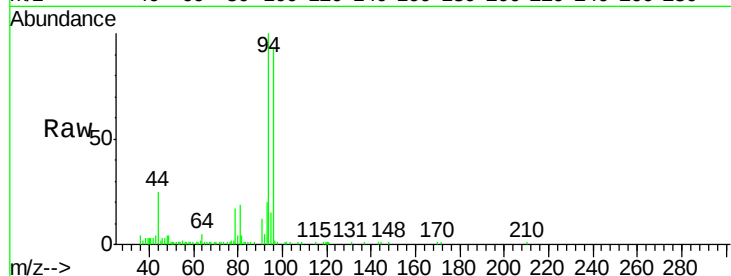
94 100

96 92.8 72.8 109.2

Manual Integrations
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#6

Chloroethane

Concen: 17.140 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012439.D

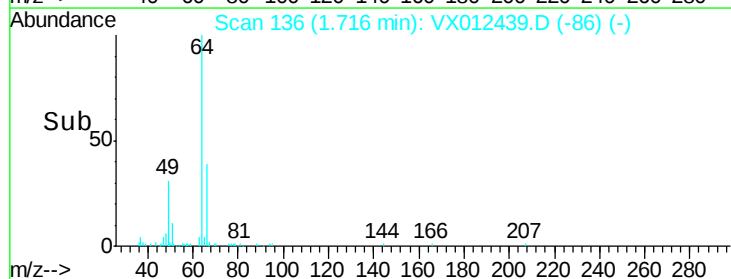
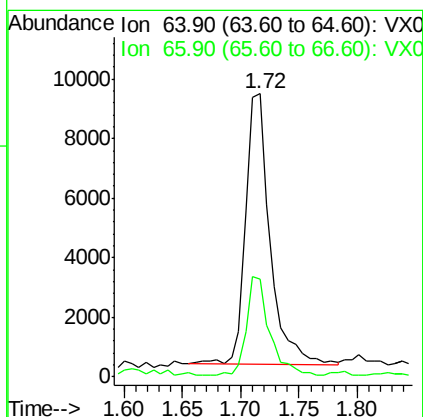
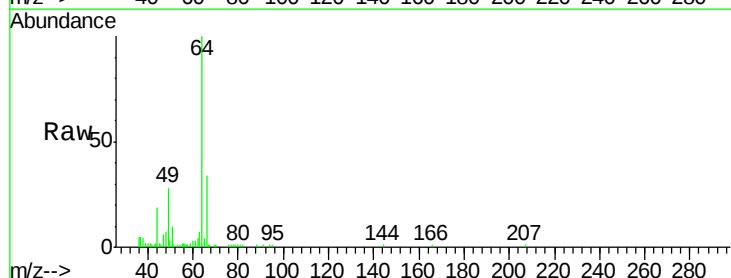
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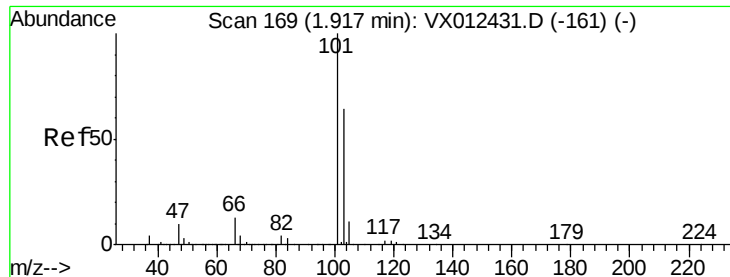
Tgt Ion: 64 Resp: 13408

Ion Ratio Lower Upper

64 100

66 34.6 24.0 36.0





#7

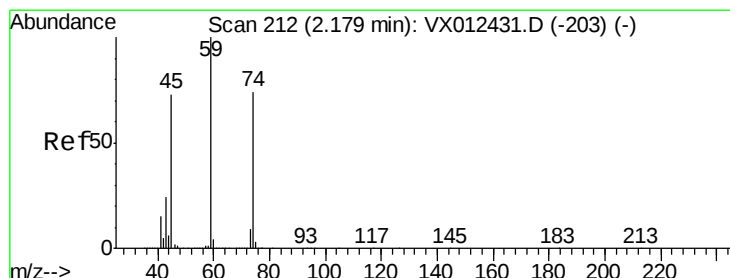
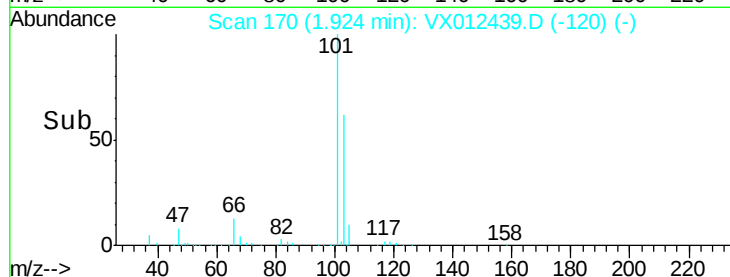
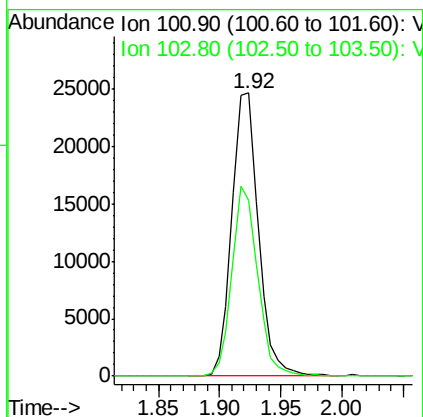
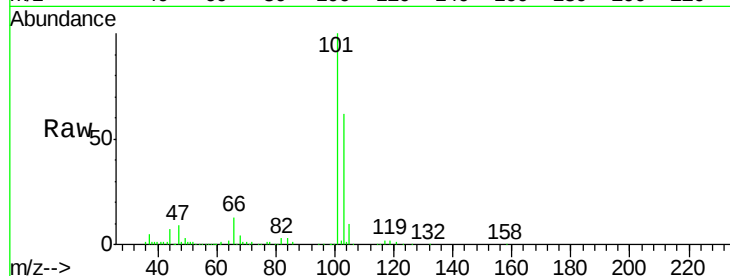
Trichlorofluoromethane
Concen: 20.258 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	51.0	76.4

Manual Integrations
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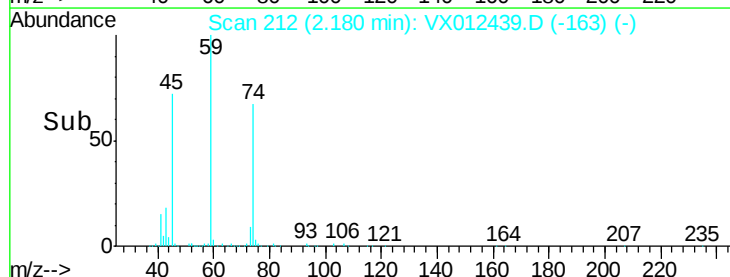
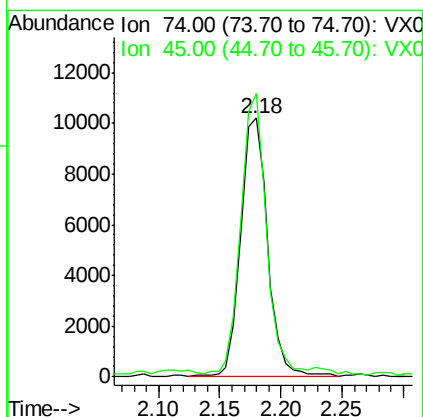
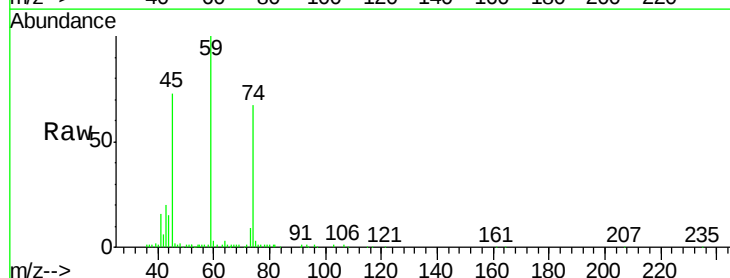
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9/18/2019 11:20:35 AM

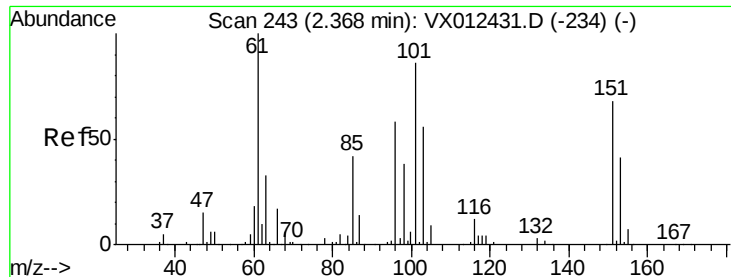


#8

Diethyl Ether
Concen: 18.899 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.8	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.826 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

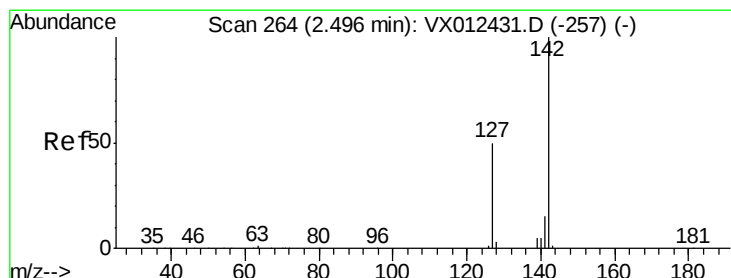
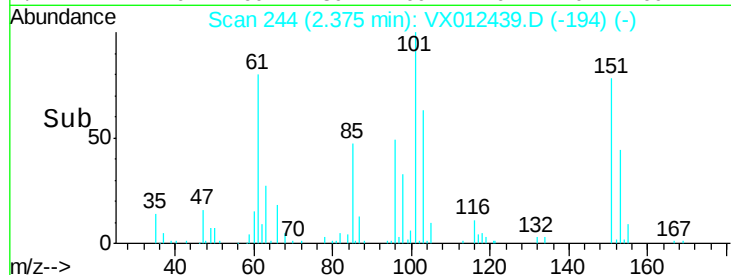
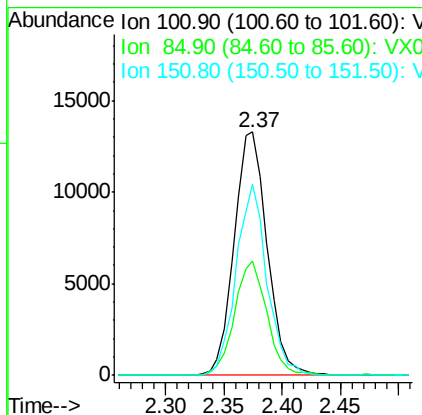
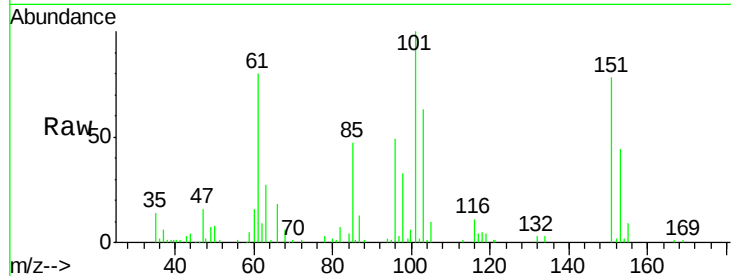
ClientSampleId :

VX0917WBSD01

Tot Ion:	101	Resp:	26287
Ion Ratio	Lower	Upper	
101	100		
85	46.0	37.3	55.9
151	73.0	61.0	91.4

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#10

Methyl Iodide

Concen: 19.200 ug/l

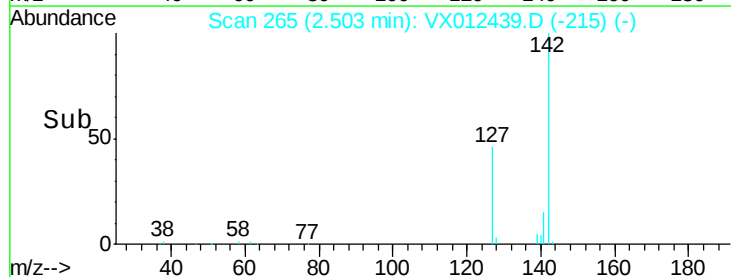
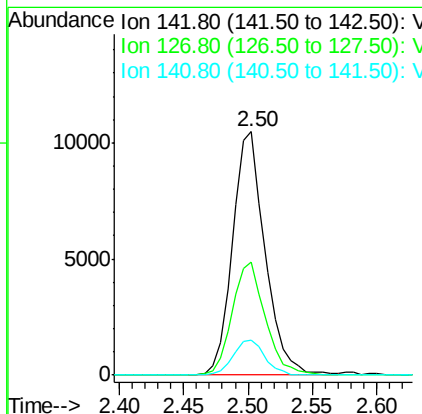
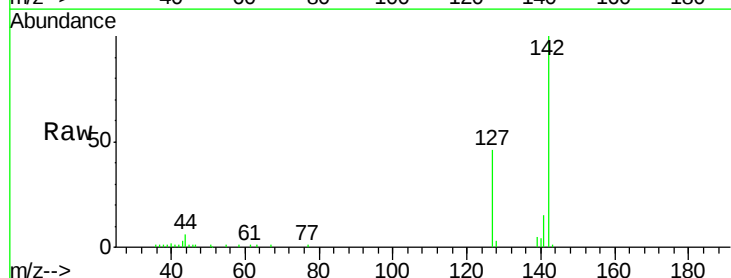
RT: 2.50 min Scan# 265

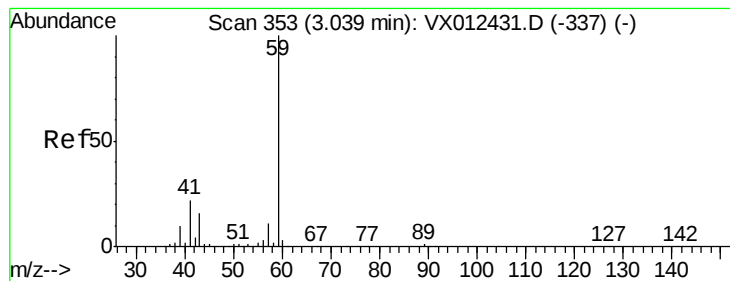
Delta R.T. 0.01 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Tgt Ion:	142	Resp:	18429
Ion Ratio	Lower	Upper	
142	100		
127	47.0	40.8	61.2
141	14.1	12.1	18.1





#11

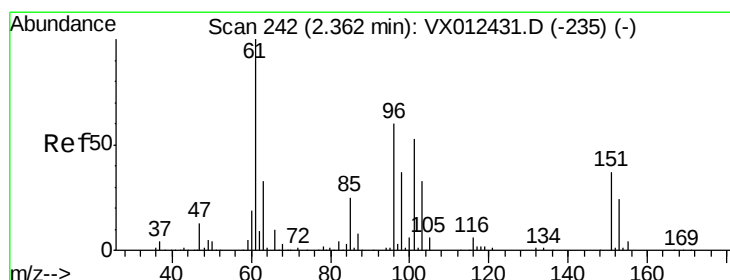
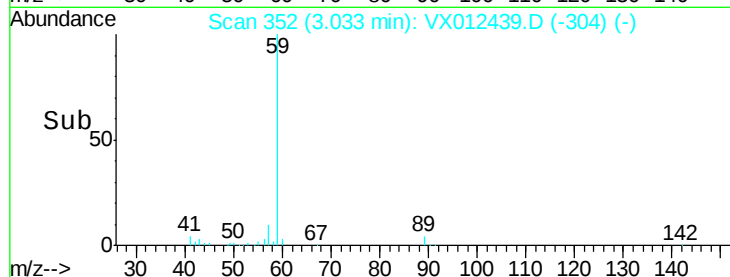
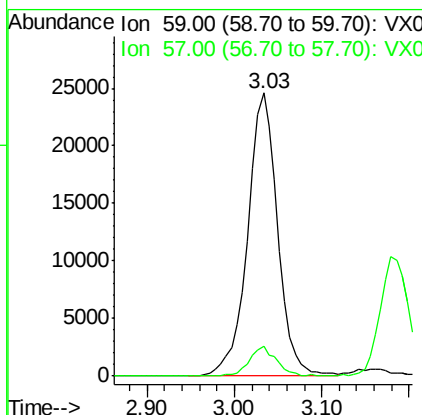
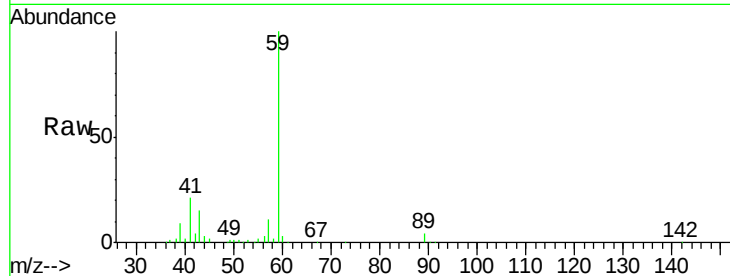
Tert butyl alcohol
 Concen: 92.072 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012439.D
 Acq: 17 Sep 2019 18:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.3	12.5

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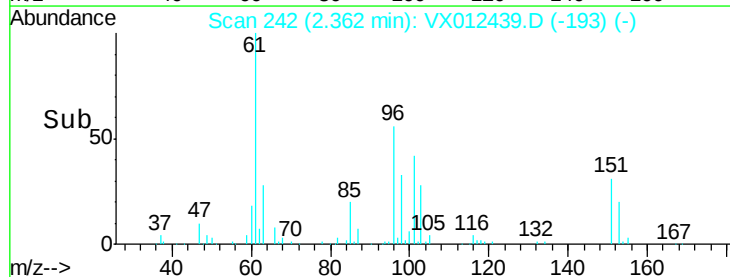
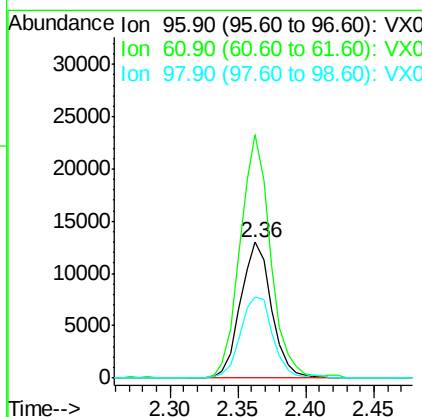
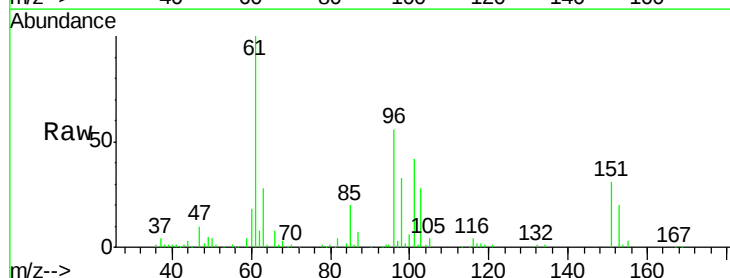
MMDadoda
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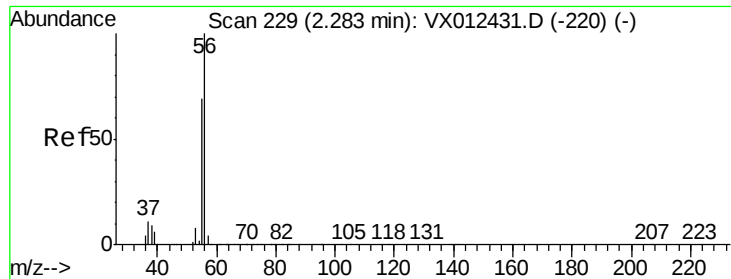


#12

1,1-Dichloroethene
 Concen: 19.567 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012439.D
 Acq: 17 Sep 2019 18:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	179.4	133.8	200.6
98	59.3	49.9	74.9





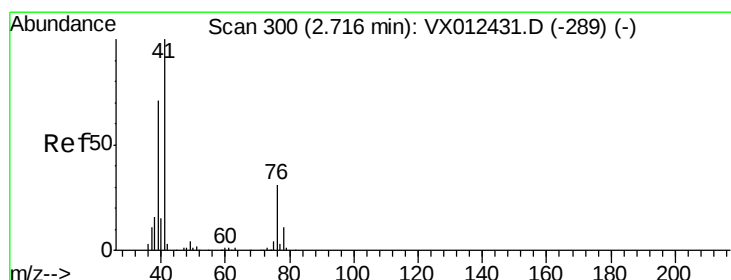
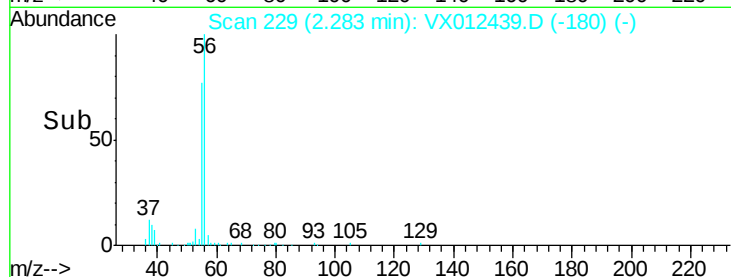
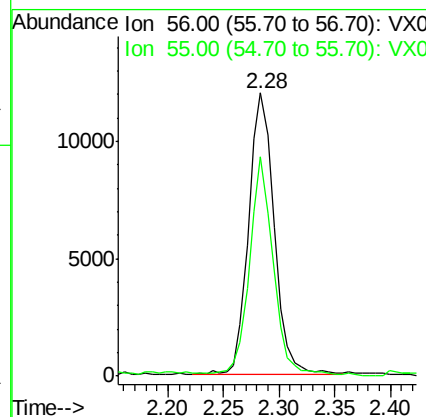
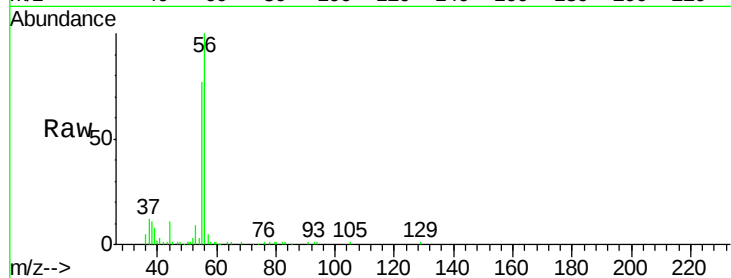
#13
Acrolein
Concen: 88.451 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.1	55.8	83.8

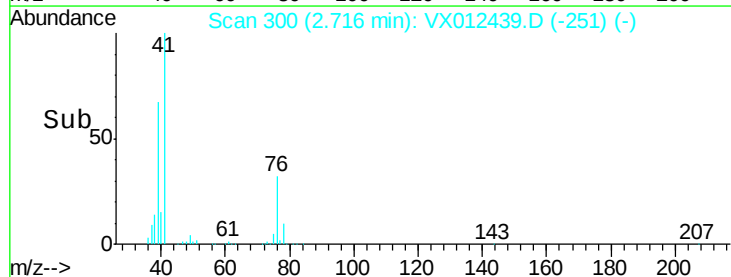
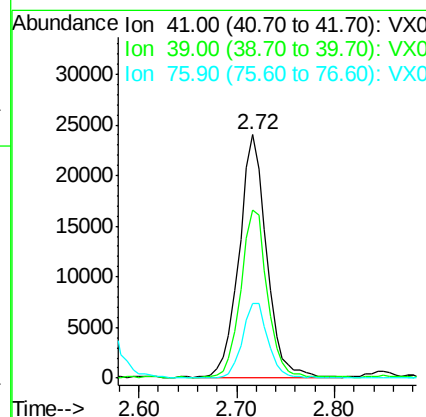
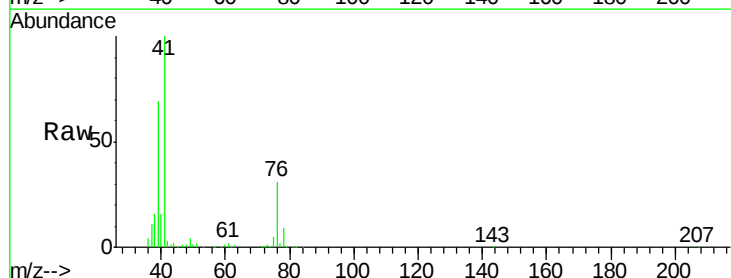
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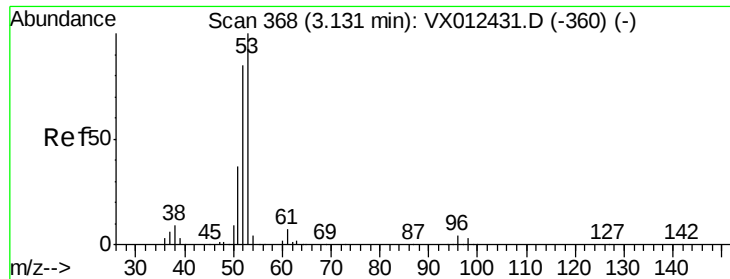
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#14
Allyl chloride
Concen: 18.949 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.3	51.3	76.9
76	28.8	22.6	33.8





#15

Acrylonitrile

Concen: 94.538 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

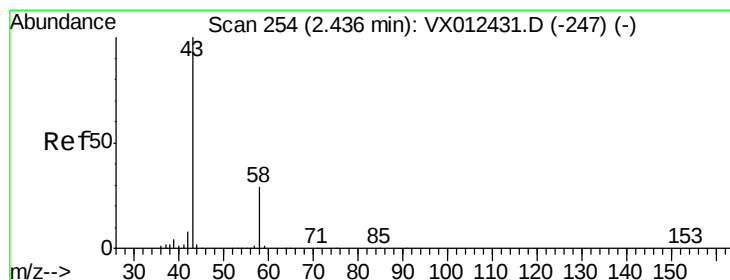
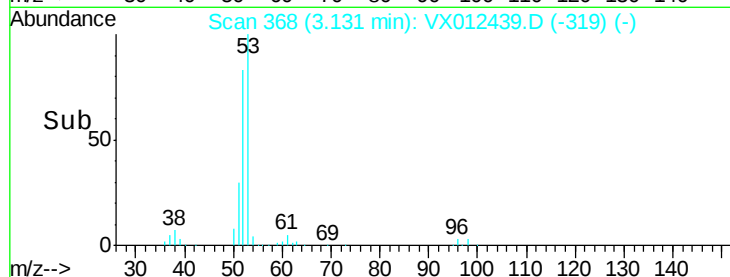
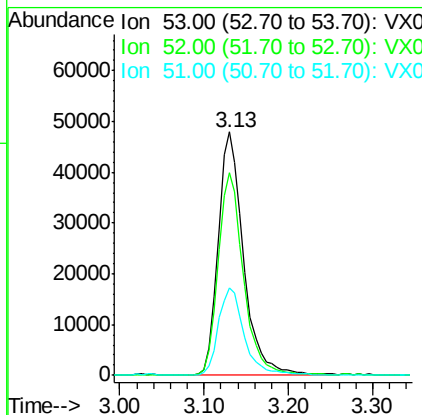
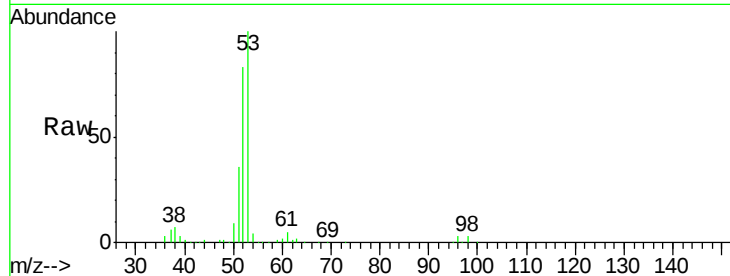
ClientSampleId :

VX0917WBSD01

Tot Ion:	53	Resp:	98778
Ion	Ratio	Lower	Upper
53	100		
52	83.7	67.0	100.4
51	36.8	29.6	44.4

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#16

Acetone

Concen: 80.881 ug/l

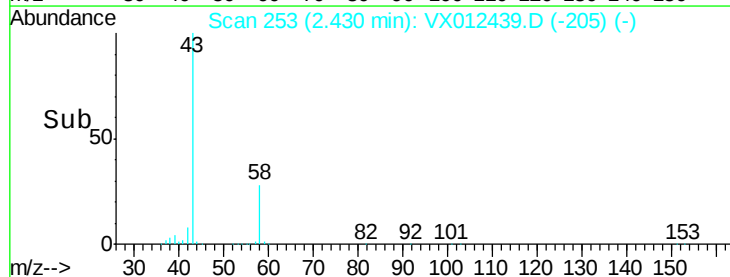
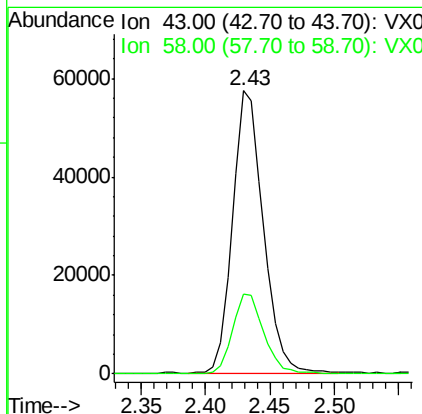
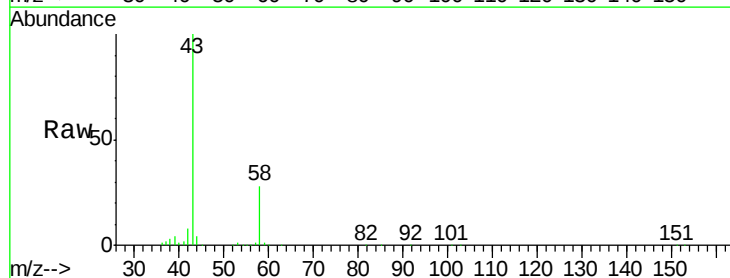
RT: 2.43 min Scan# 253

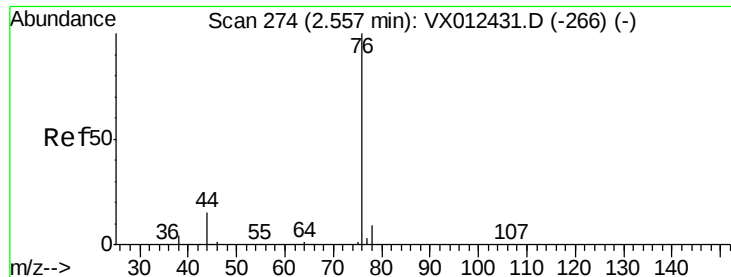
Delta R.T. -0.01 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Tgt Ion:	43	Resp:	95041
Ion	Ratio	Lower	Upper
43	100		
58	28.2	23.3	34.9





#17

Carbon Disulfide

Concen: 19.278 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

Tot Ion: 76 Resp: 27115

Ion Ratio Lower Upper

76 100

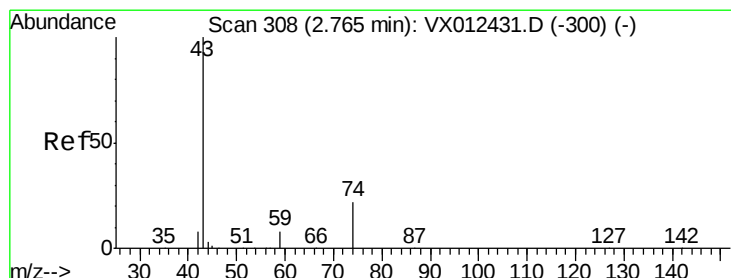
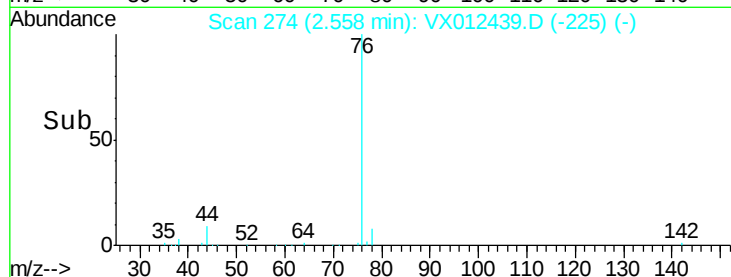
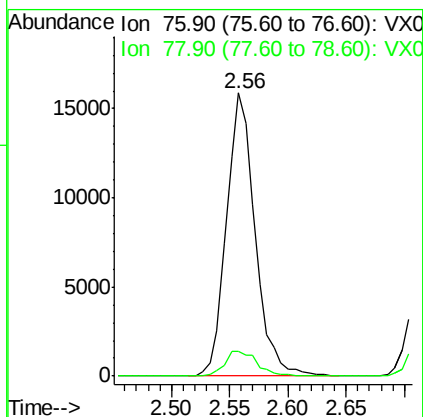
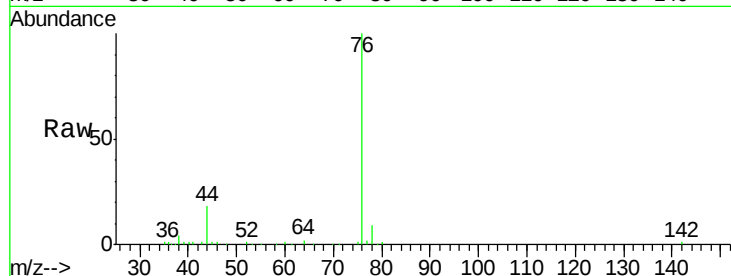
78 8.7 7.3 10.9

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#18

Methyl Acetate

Concen: 18.813 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012439.D

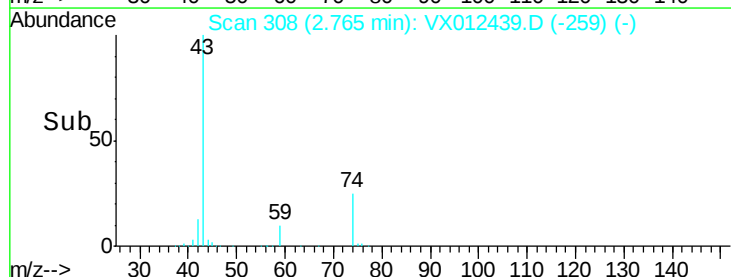
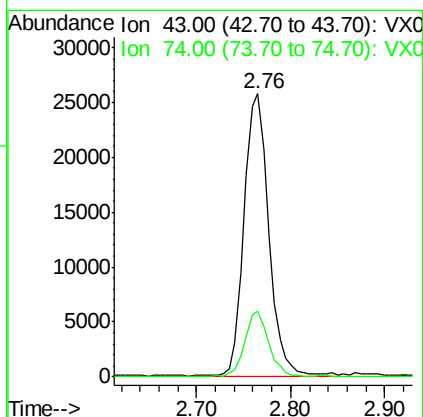
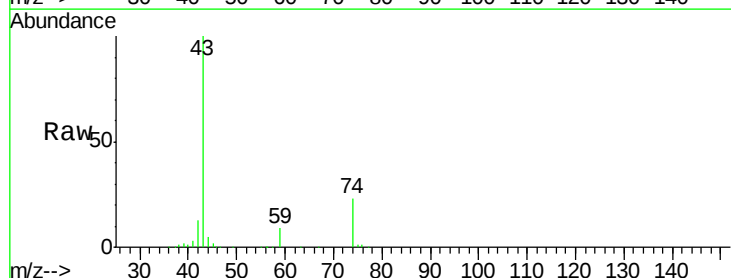
Acq: 17 Sep 2019 18:18

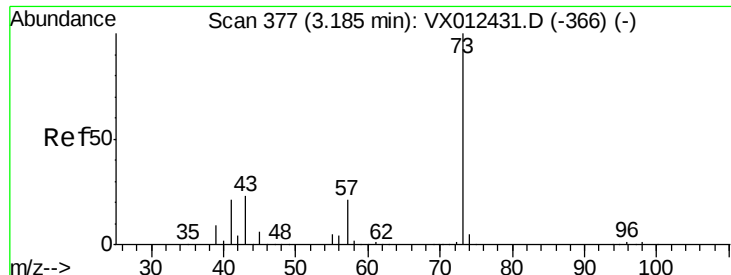
Tgt Ion: 43 Resp: 47269

Ion Ratio Lower Upper

43 100

74 22.8 17.7 26.5





#19

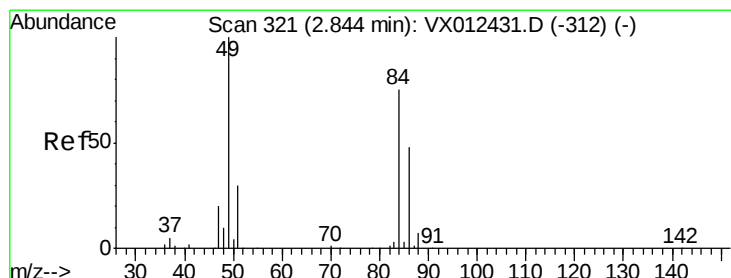
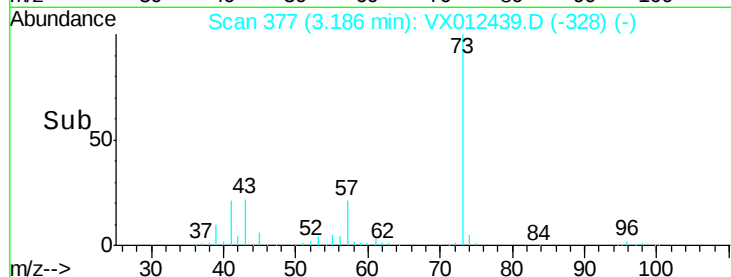
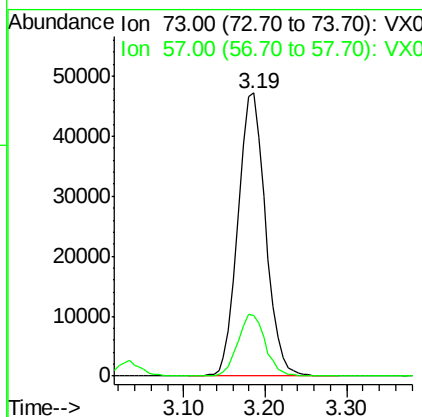
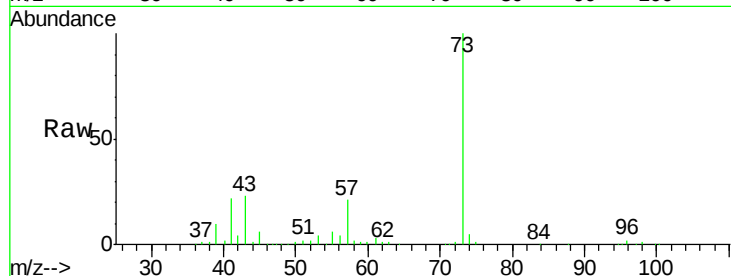
Methyl tert-butyl Ether
 Concen: 19.193 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX012439.D
 Acq: 17 Sep 2019 18:18

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0917WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.8	25.2

Manual Integrations
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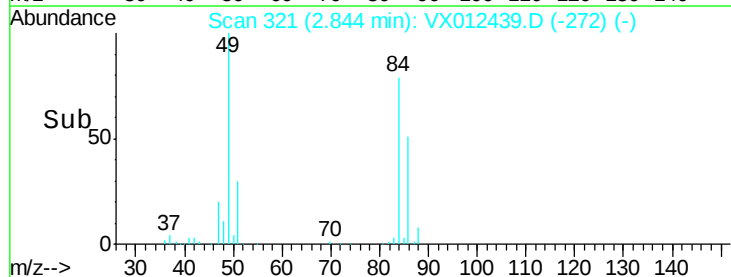
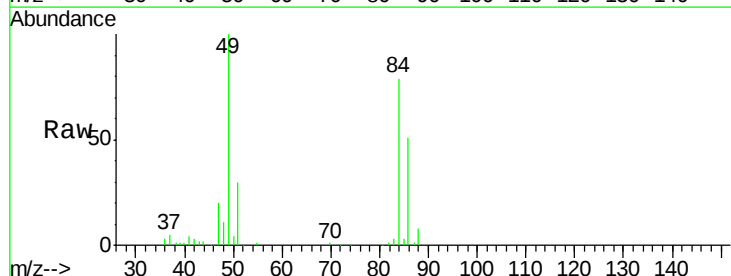
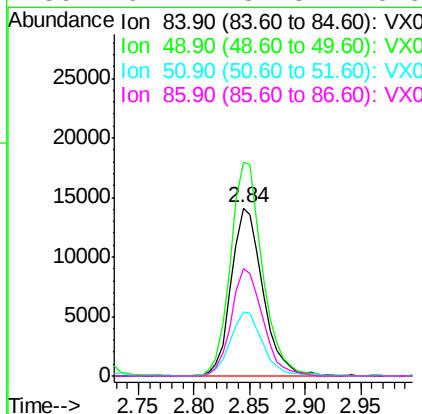
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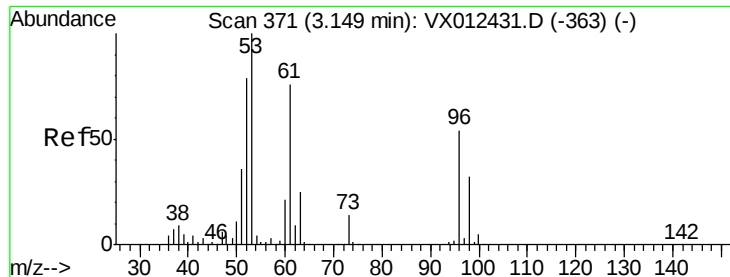


#20

Methylene Chloride
 Concen: 19.093 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012439.D
 Acq: 17 Sep 2019 18:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.2	106.8	160.2
51	38.4	32.3	48.5
86	64.4	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 19.552 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

Tot Ion: 96 Resp: 21475

Ion Ratio Lower Upper

96 100

61 150.6 112.0 168.0

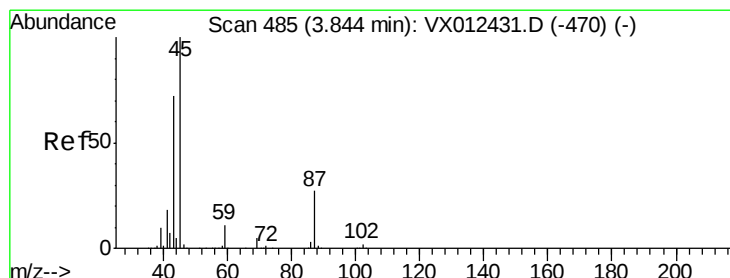
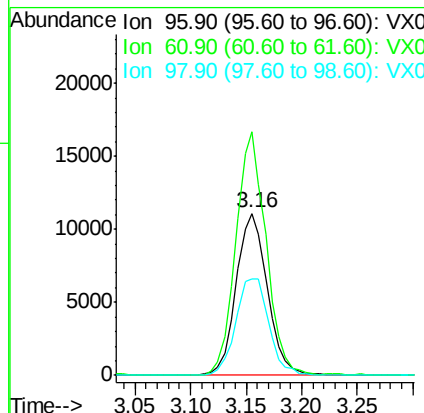
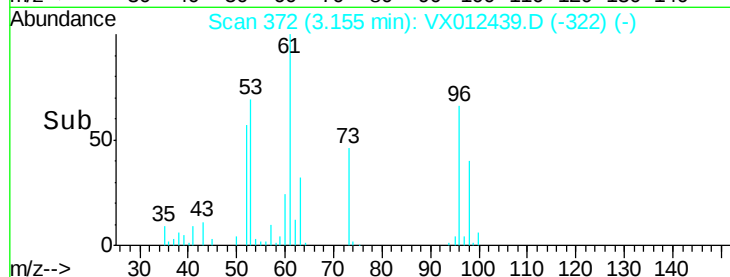
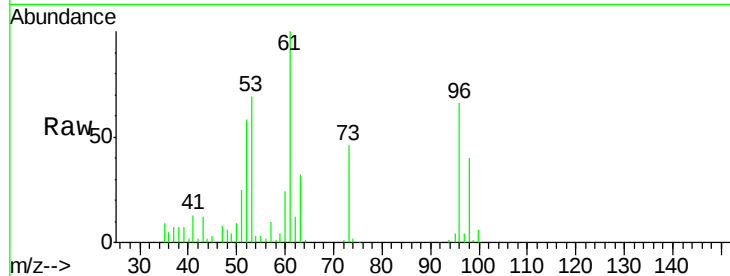
98 59.6 47.8 71.8

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#22

Diisopropyl ether

Concen: 19.143 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Tgt Ion: 45 Resp: 110374

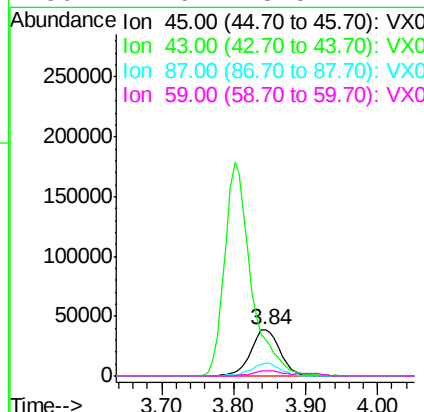
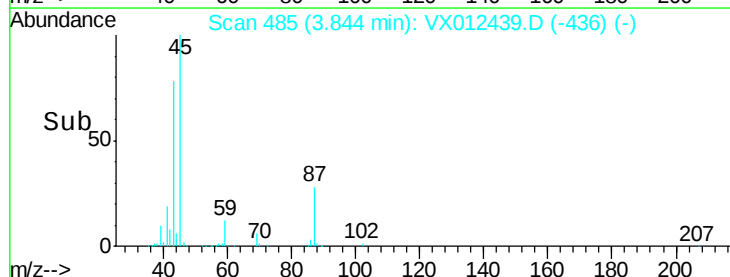
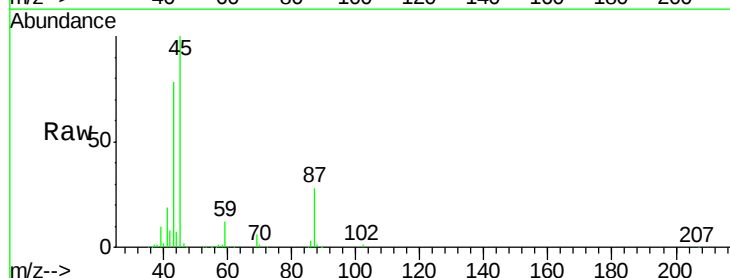
Ion Ratio Lower Upper

45 100

43 78.0 57.8 86.8

87 28.2 21.3 31.9

59 11.6 8.5 12.7





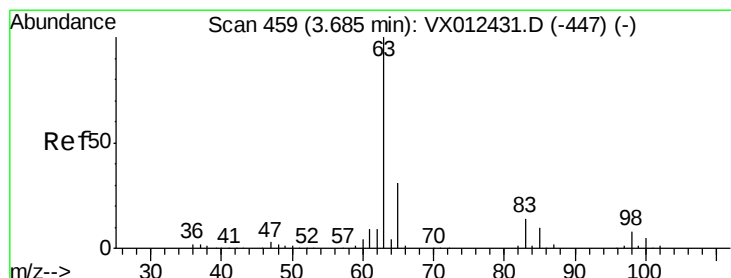
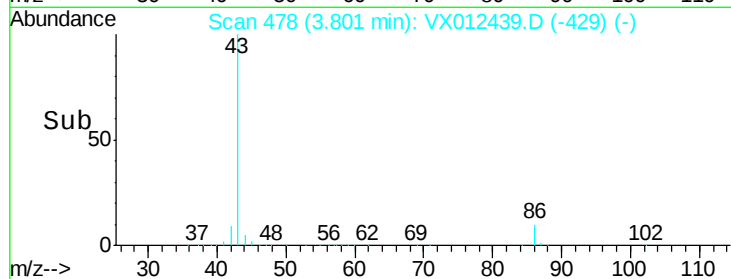
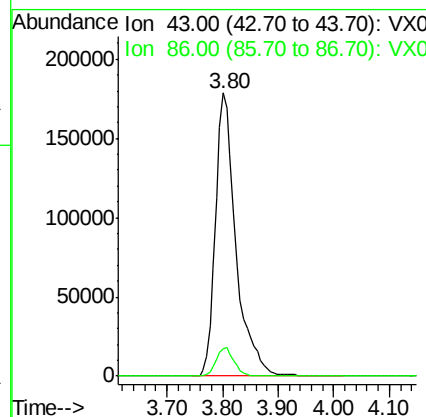
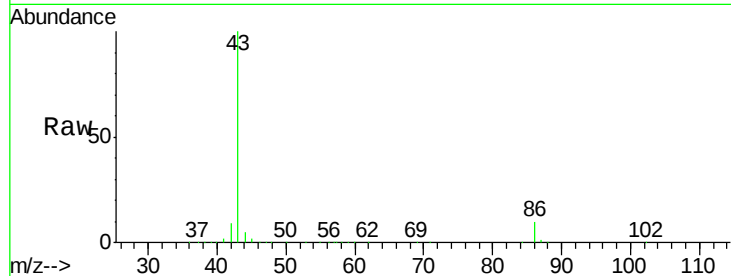
#23
 Vinyl Acetate
 Concen: 96.822 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX012439.D
 Acq: 17 Sep 2019 18:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBSD01

Tot Ion	43	Resp	459222
Ion Ratio	100	Lower	Upper
43	100		
86	9.6	7.8	11.8

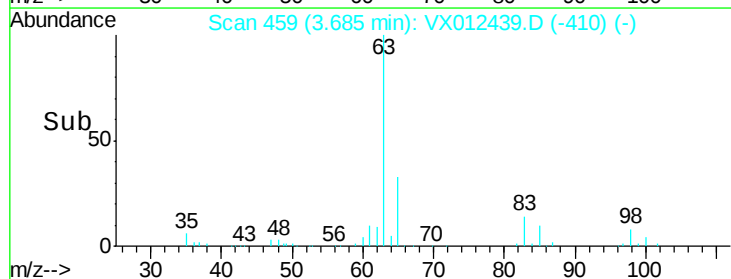
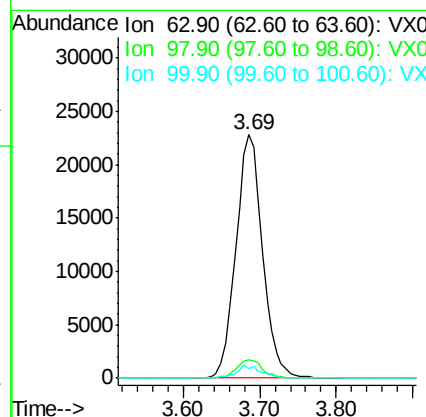
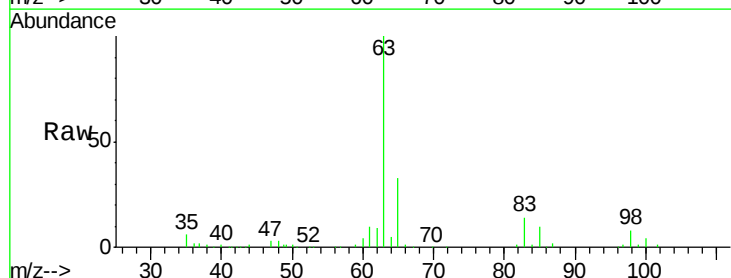
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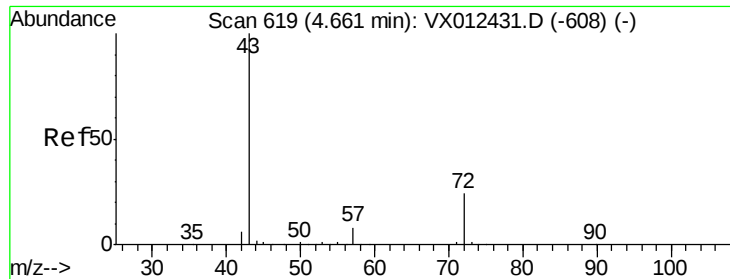
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 19.862 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX012439.D
 Acq: 17 Sep 2019 18:18

Tgt Ion	63	Resp	54792
Ion Ratio	100	Lower	Upper
63	100		
98	7.7	3.9	11.7
100	4.1	2.3	6.9





#25

2-Butanone

Concen: 89.085 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

Tot Ion: 43 Resp: 148998

Ion Ratio Lower Upper

43 100

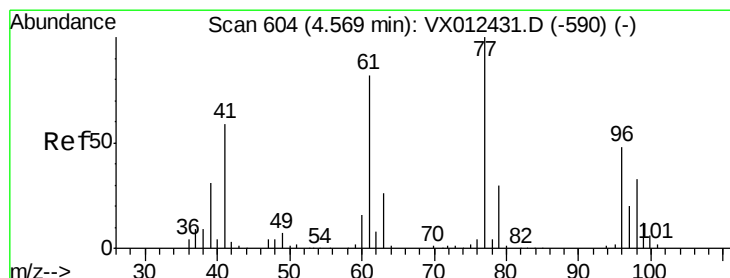
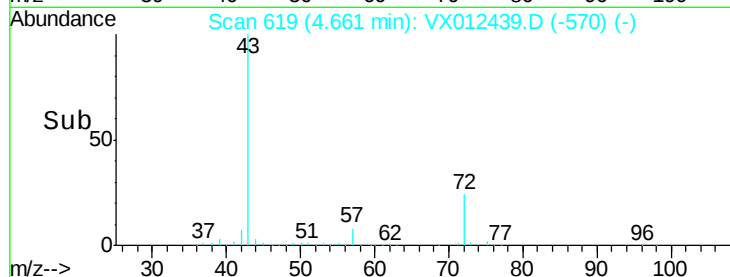
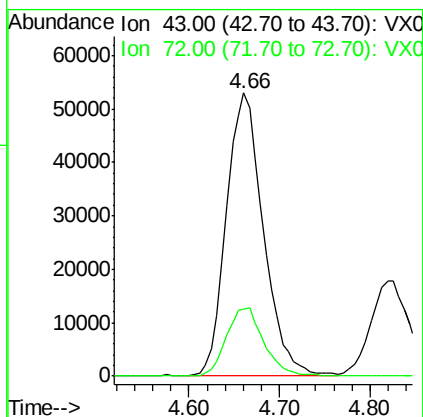
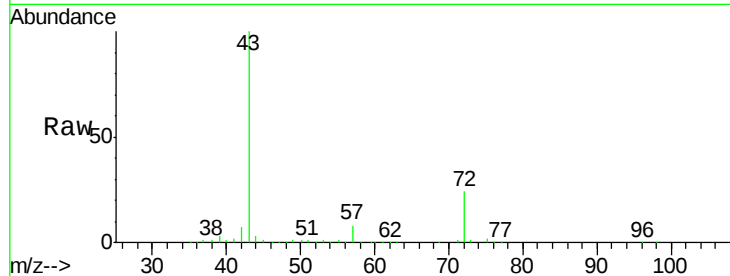
72 23.8 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.781 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012439.D

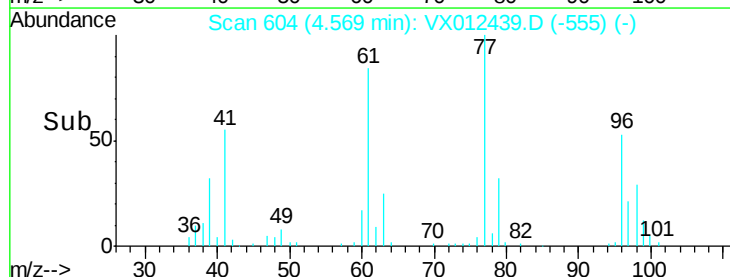
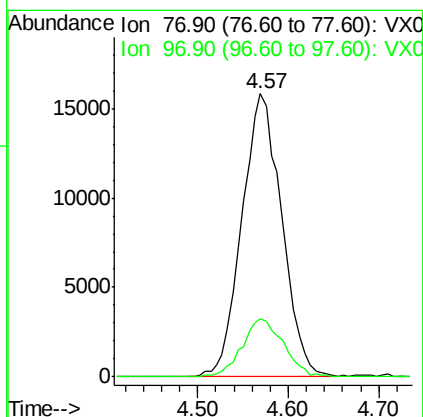
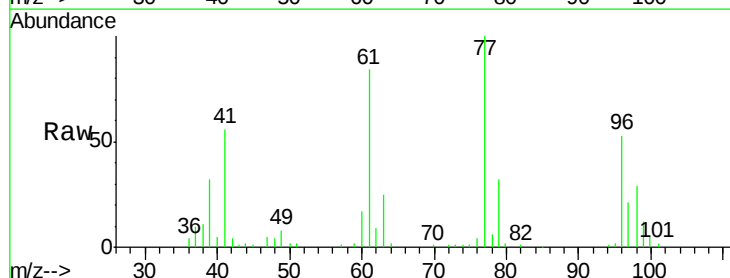
Acq: 17 Sep 2019 18:18

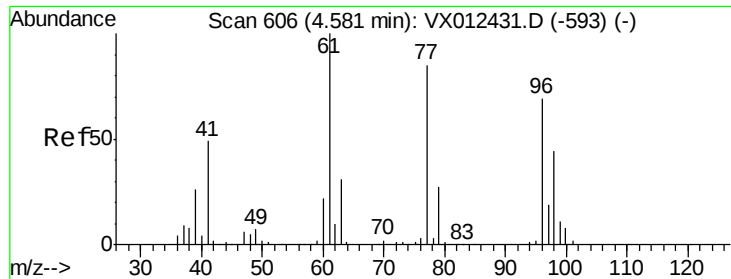
Tgt Ion: 77 Resp: 48243

Ion Ratio Lower Upper

77 100

97 21.3 10.5 31.6





#27

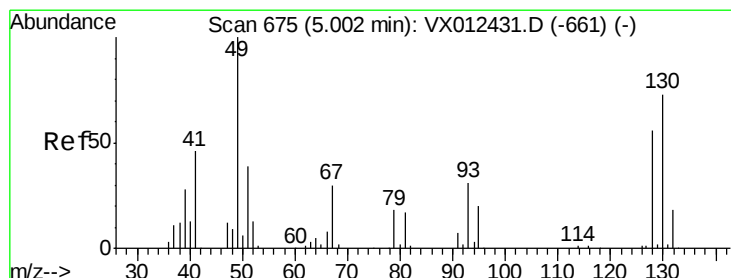
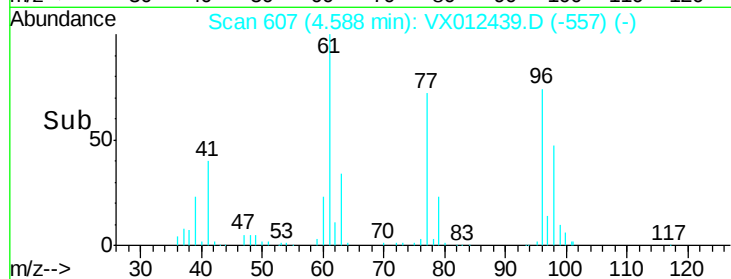
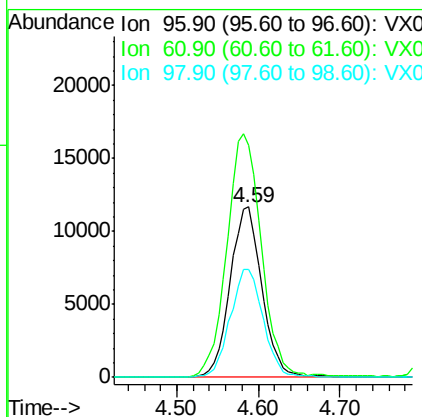
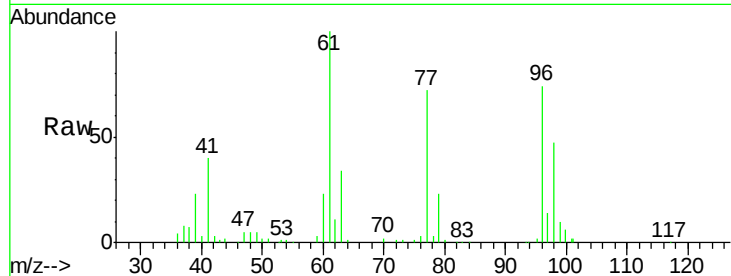
cis-1,2-Dichloroethene
Concen: 19.188 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.8	0.0	319.4
98	65.6	0.0	130.6

Manual Integrations
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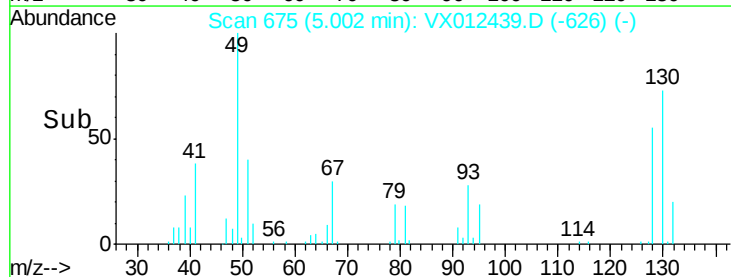
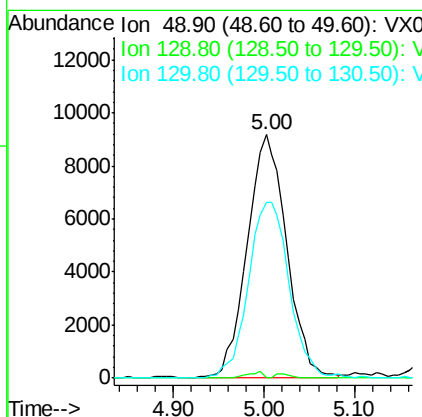
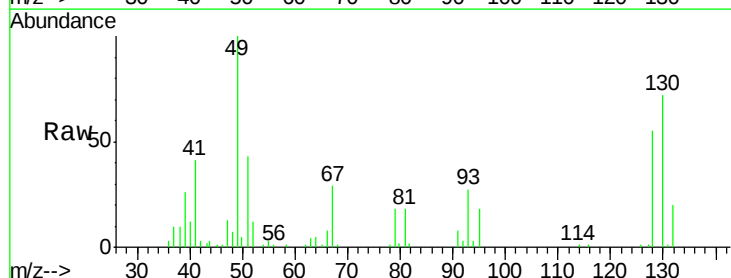
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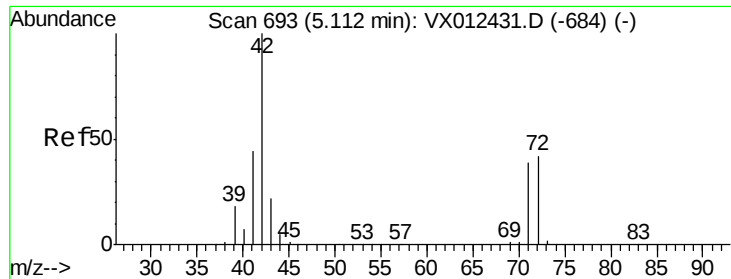


#28

Bromochloromethane
Concen: 19.425 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.8
130	74.5	58.2	87.4





#29

Tetrahydrofuran

Concen: 96.715 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

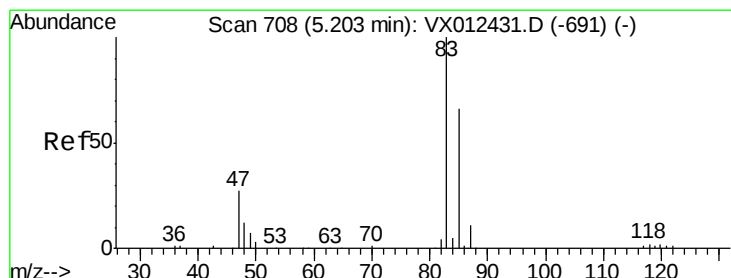
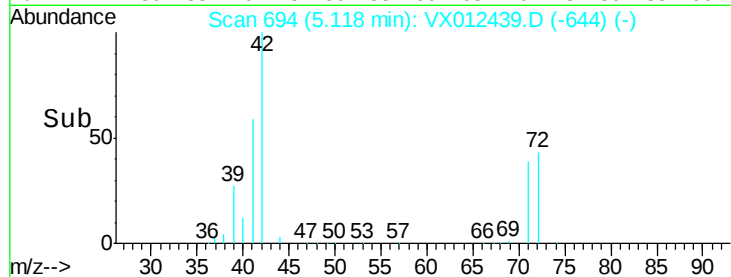
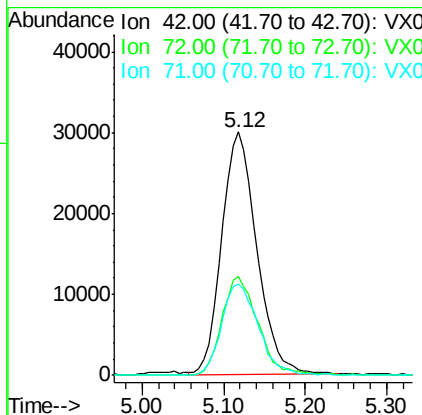
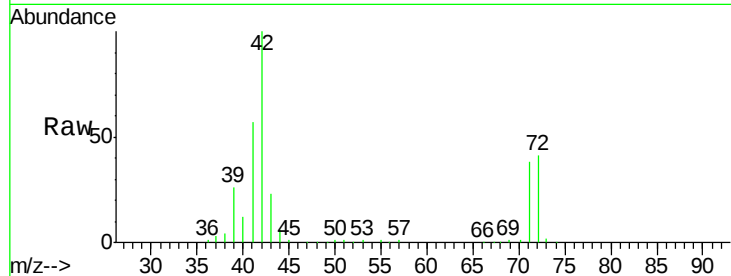
ClientSampleId :

VX0917WBSD01

Tot Ion:	42	Resp:	89362
Ion	Ratio	Lower	Upper
42	100		
72	41.9	34.0	51.0
71	39.4	31.5	47.3

Manual Integrations
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#30

Chloroform

Concen: 18.751 ug/l

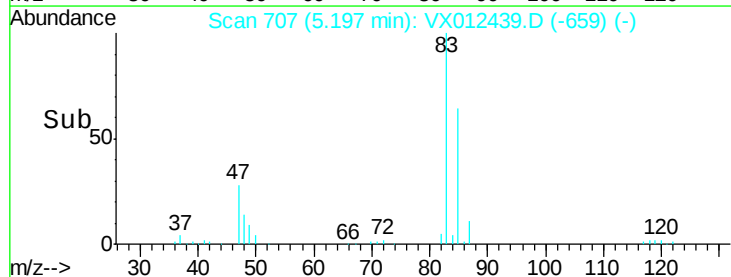
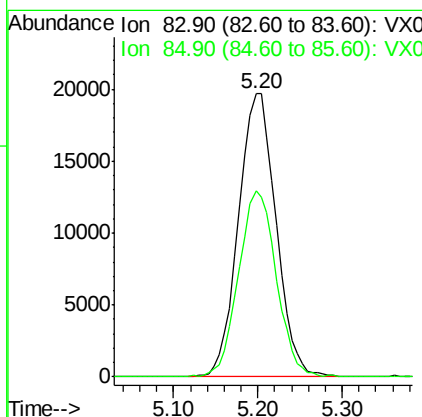
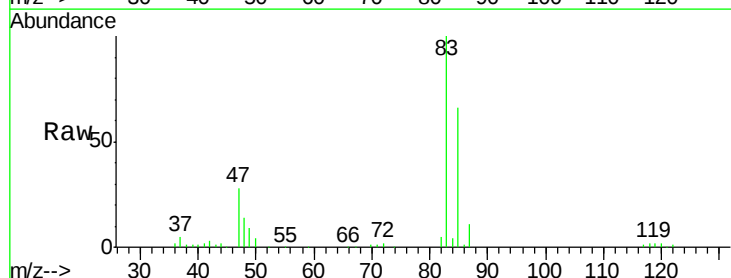
RT: 5.20 min Scan# 707

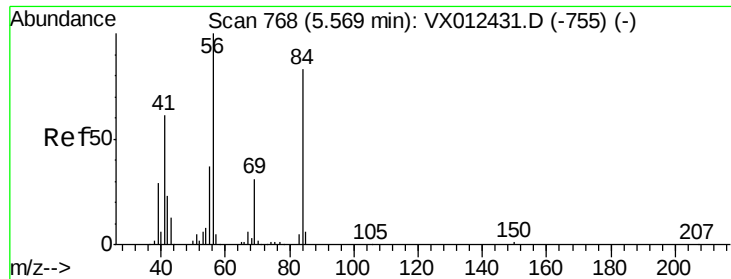
Delta R.T. -0.01 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Tgt Ion:	83	Resp:	59409
Ion	Ratio	Lower	Upper
83	100		
85	65.7	53.0	79.4





#31

Cyclohexane

Concen: 19.644 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

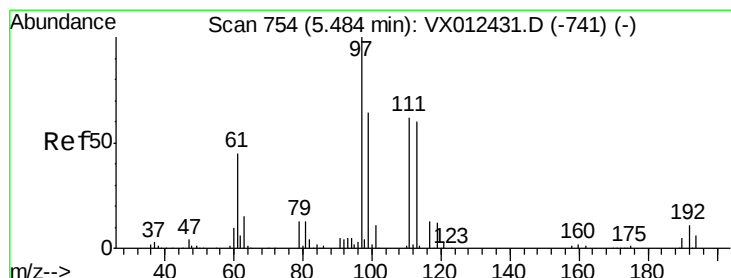
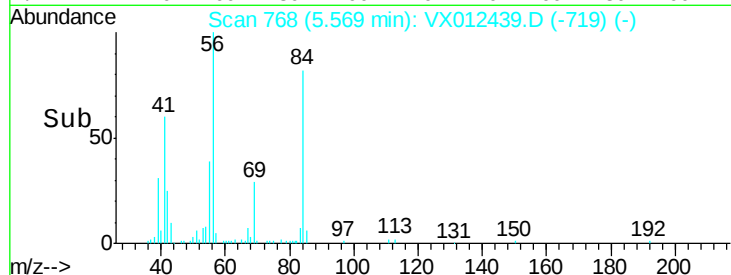
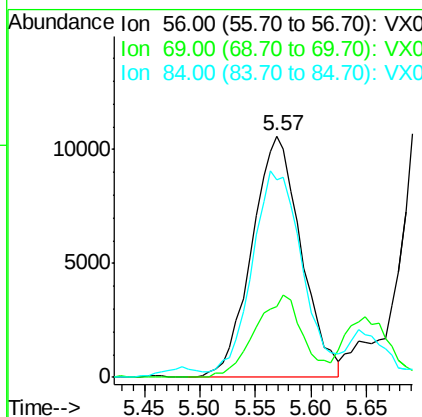
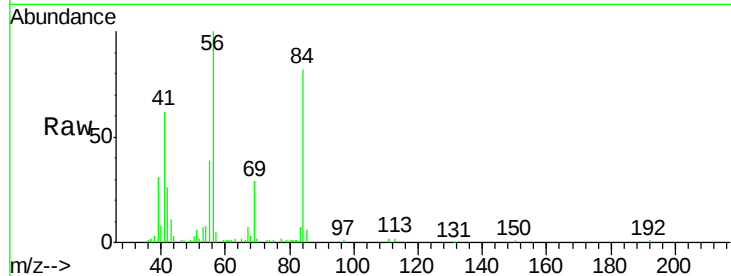
ClientSampleId :

VX0917WBSD01

Tot Ion:	56	Resp:	32714
Ion	Ratio	Lower	Upper
56	100		
69	29.1	25.0	37.6
84	78.6	66.4	99.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.416 ug/l

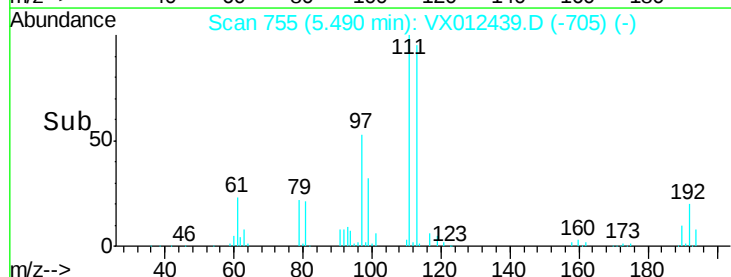
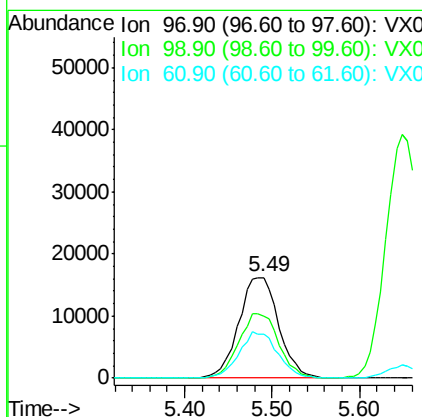
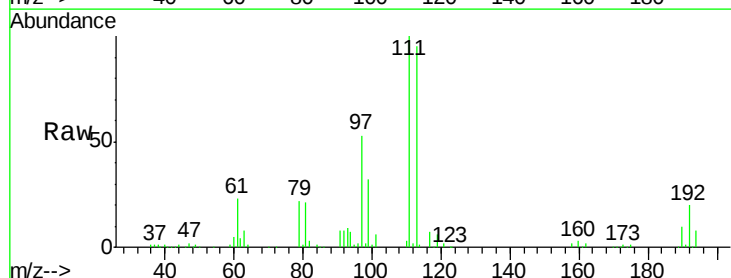
RT: 5.49 min Scan# 755

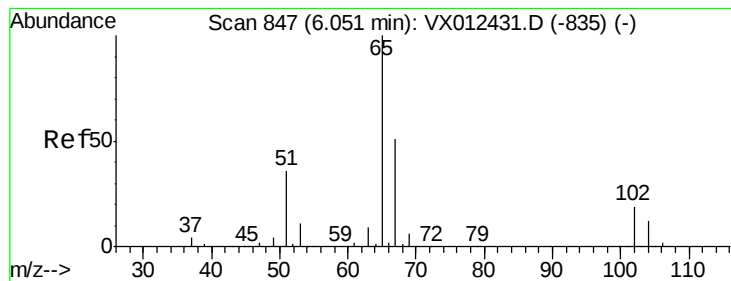
Delta R.T. 0.01 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Tgt Ion:	97	Resp:	51415
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	44.6	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 49.367 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

Tot Ion: 65 Resp: 119031

Ion Ratio Lower Upper

65 100

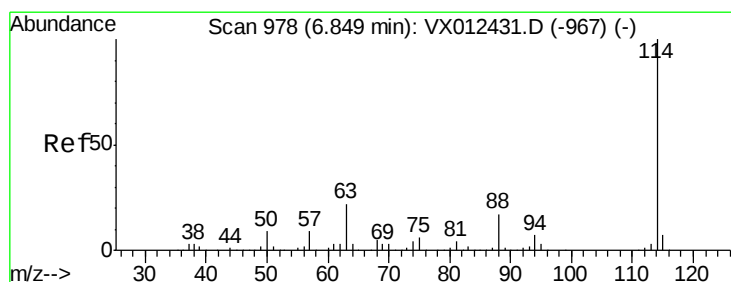
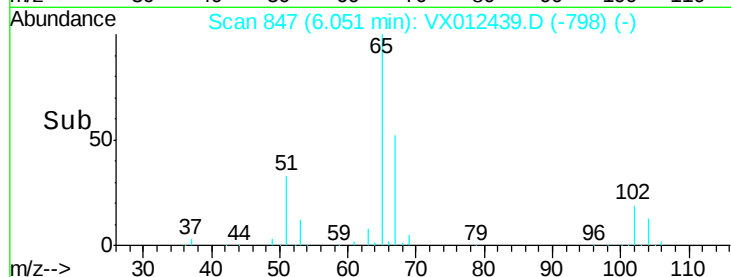
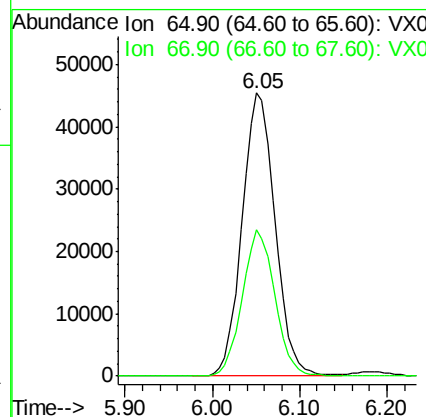
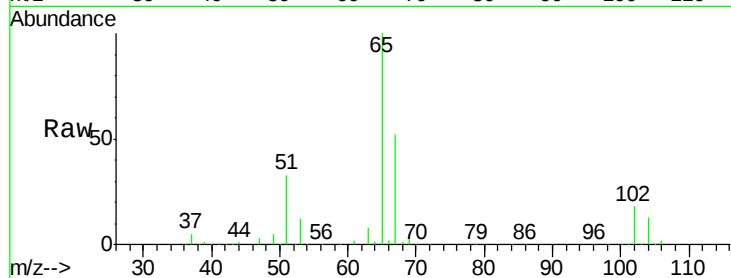
67 51.0 0.0 101.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

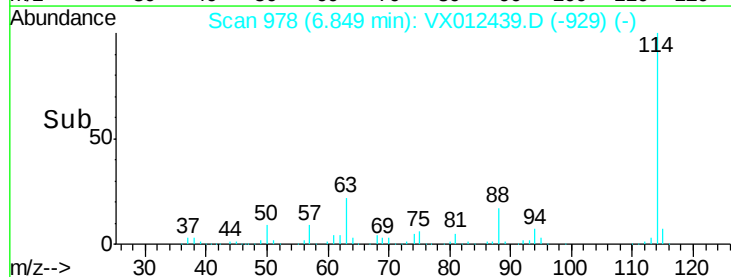
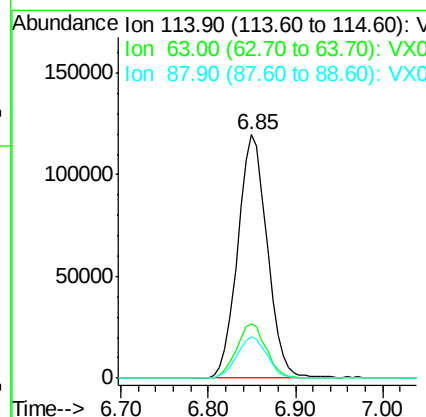
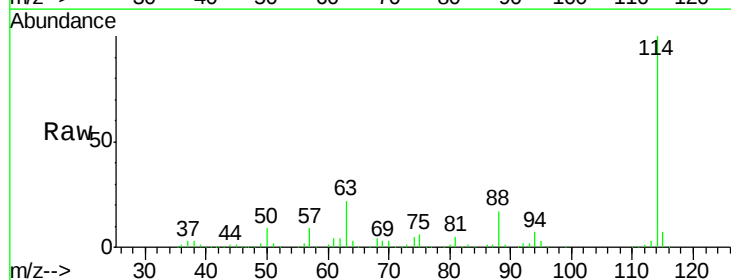
Tgt Ion: 114 Resp: 281485

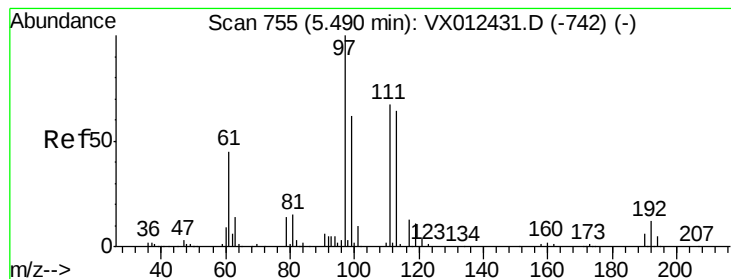
Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.2

88 17.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.191 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

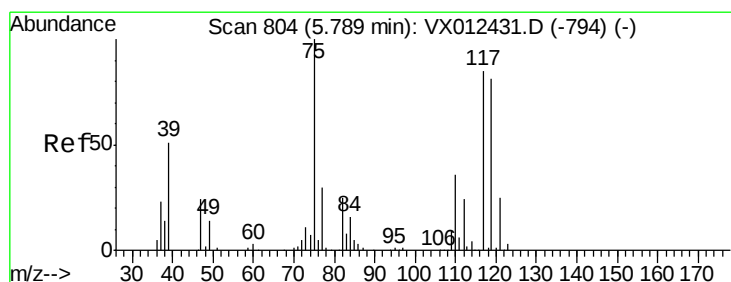
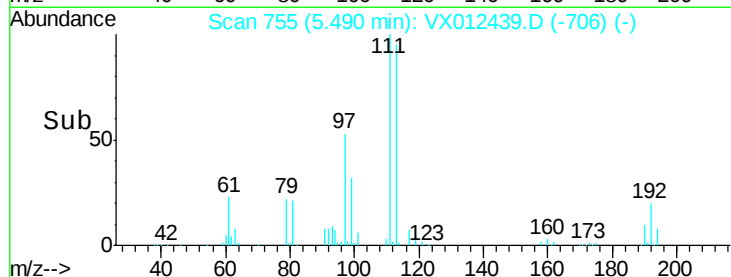
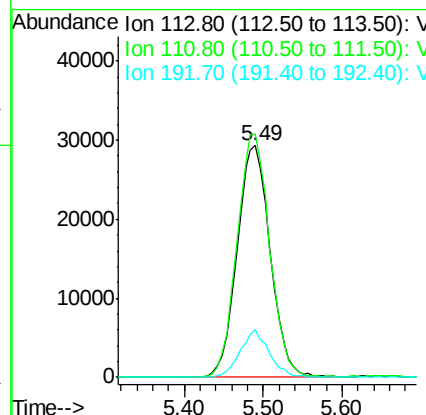
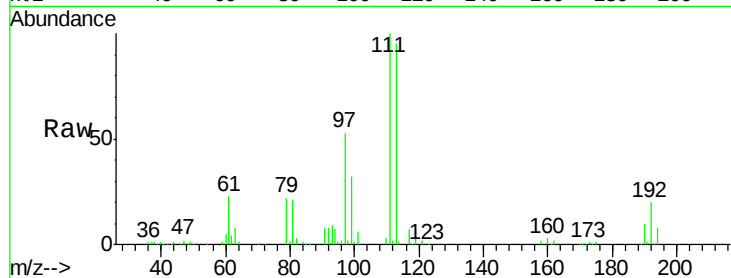
ClientSampleId :

VX0917WBSD01

Tot Ion:	113	Resp:	85511
Ion Ratio	Lower	Upper	
113	100		
111	104.2	83.4	125.2
192	18.3	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 19.197 ug/l

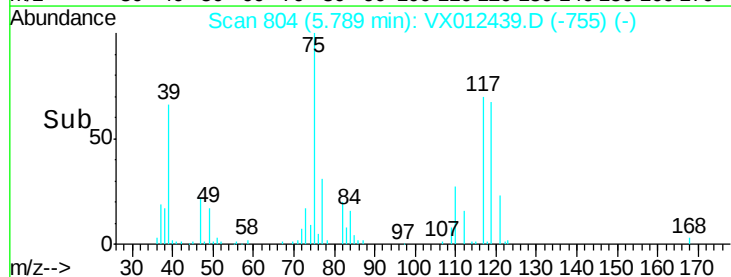
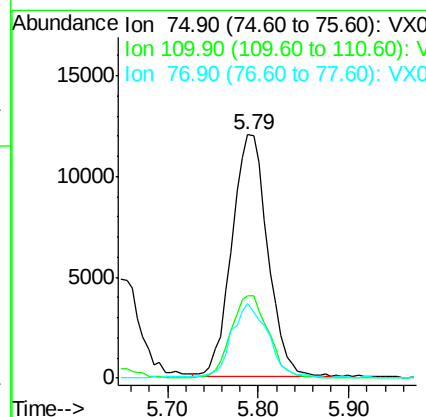
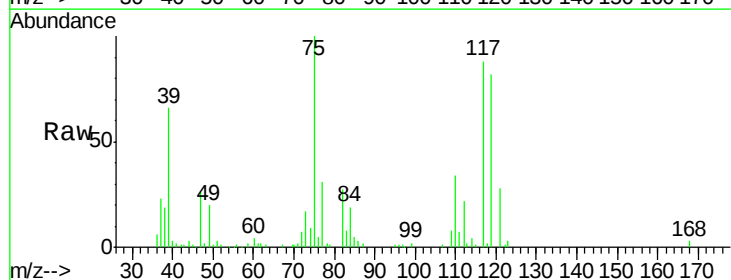
RT: 5.79 min Scan# 804

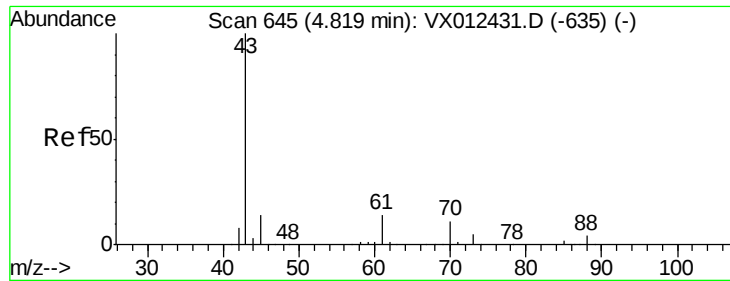
Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Tgt Ion:	75	Resp:	32841
Ion Ratio	Lower	Upper	
75	100		
110	35.8	16.7	50.0
77	32.2	24.2	36.2





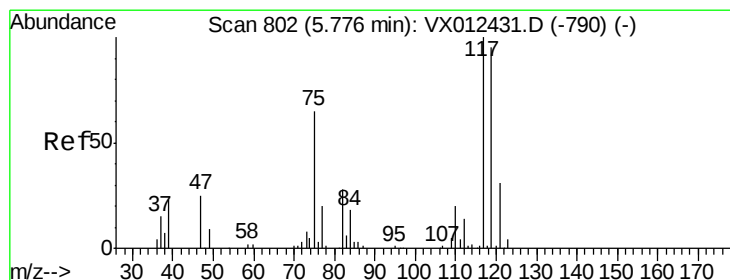
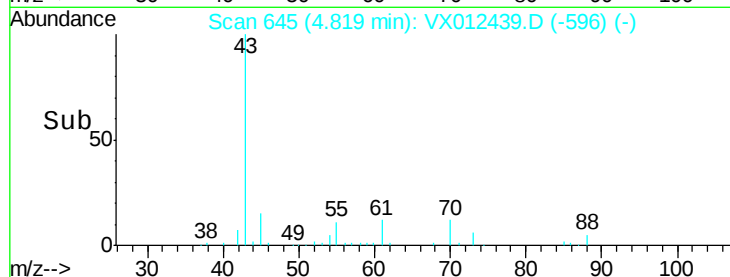
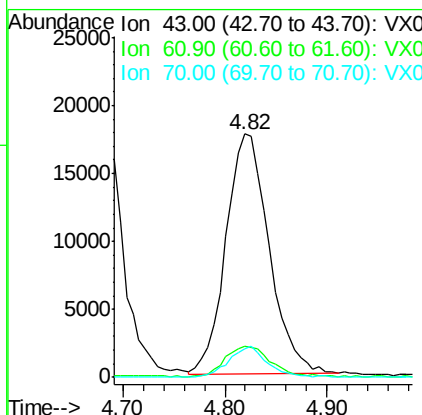
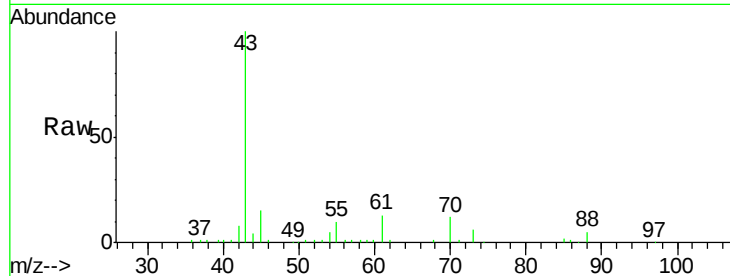
#37
Ethyl Acetate
Concen: 19.686 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.2	15.4
70	11.6	8.7	13.1

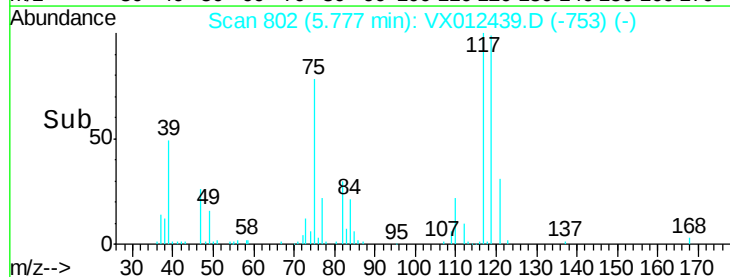
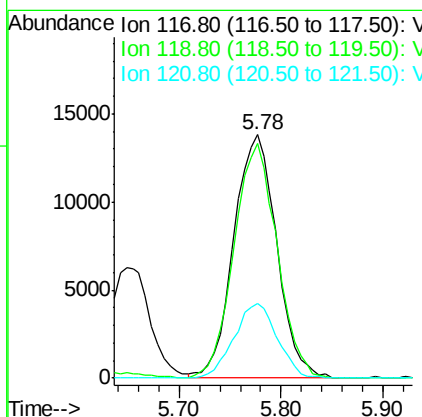
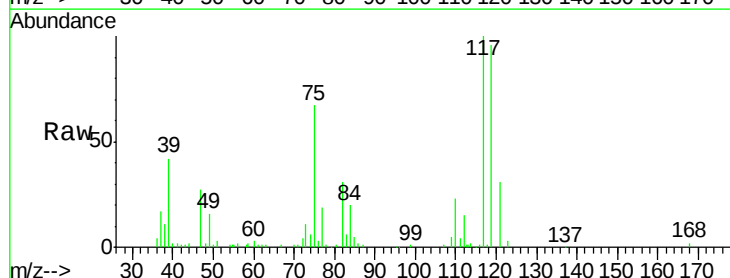
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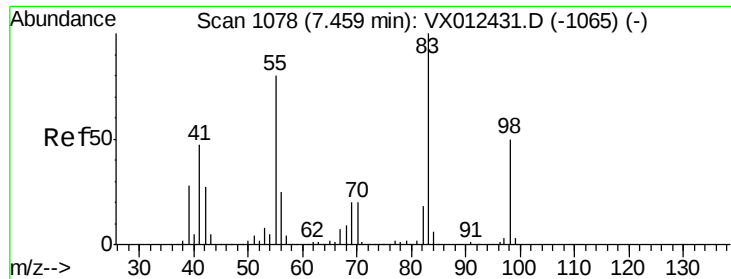
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#38
Carbon Tetrachloride
Concen: 18.969 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.7	113.5
121	30.9	24.2	36.4





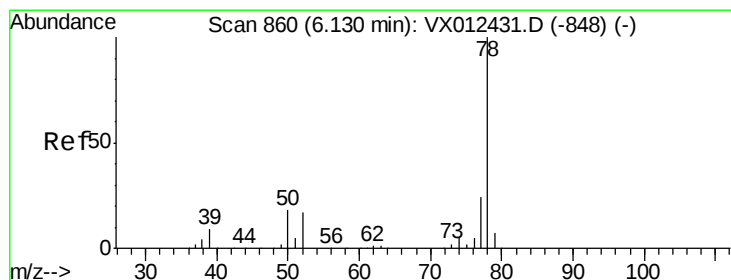
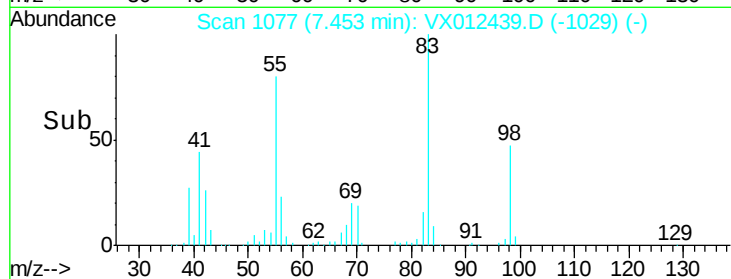
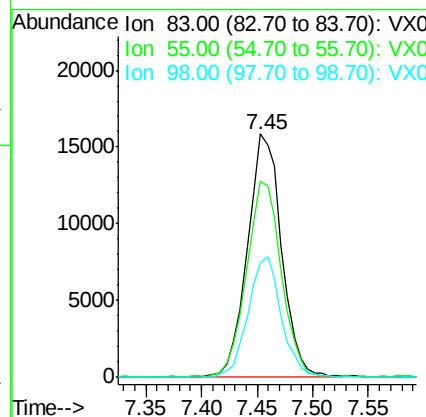
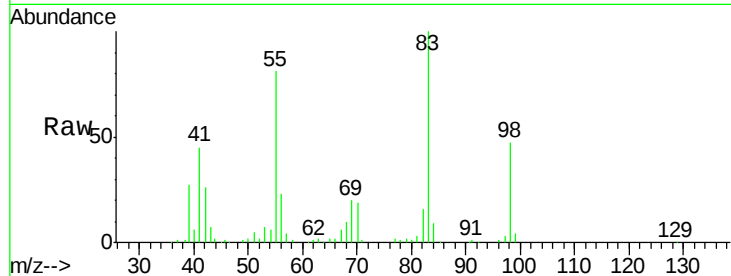
#39
Methvlcvclohexane
Concen: 20.372 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.2	64.4	96.6
98	47.1	40.1	60.1

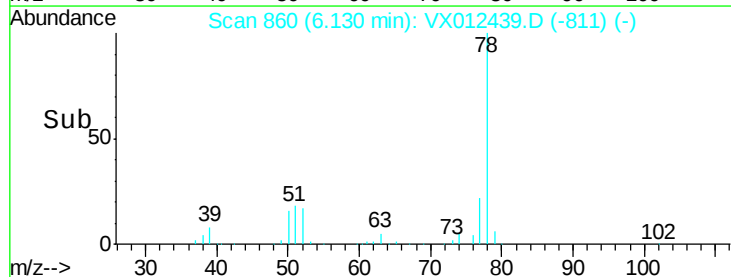
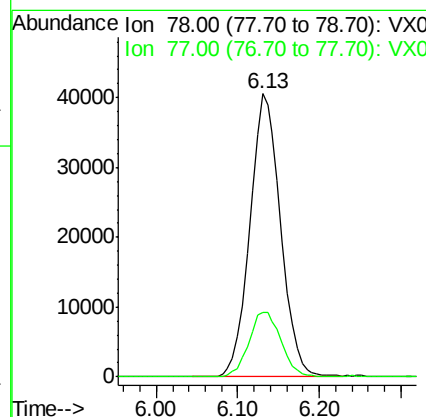
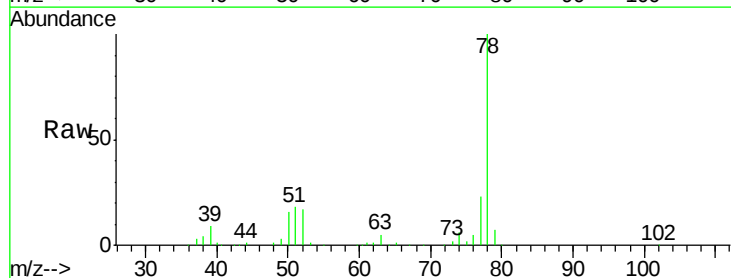
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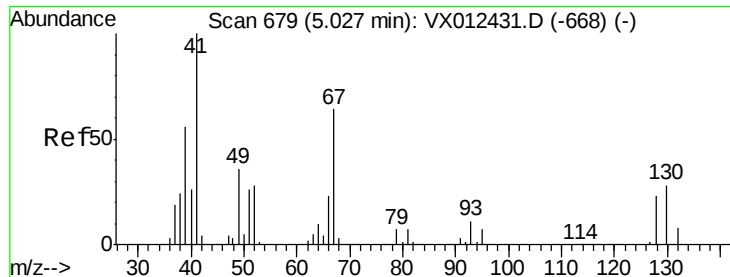
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#40
Benzene
Concen: 19.512 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.2	28.8





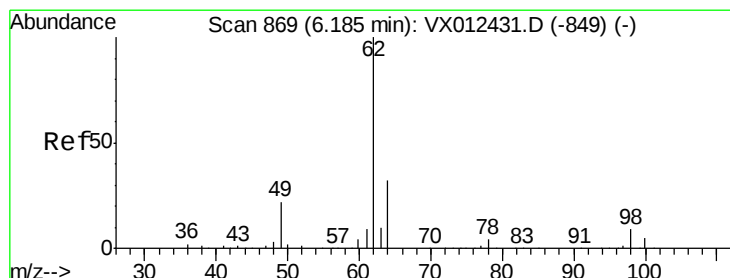
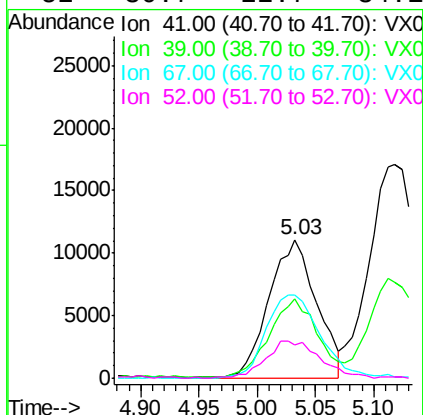
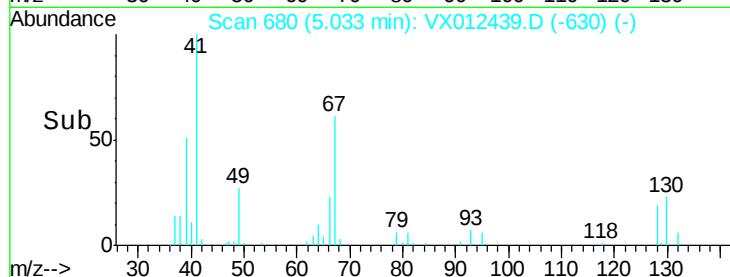
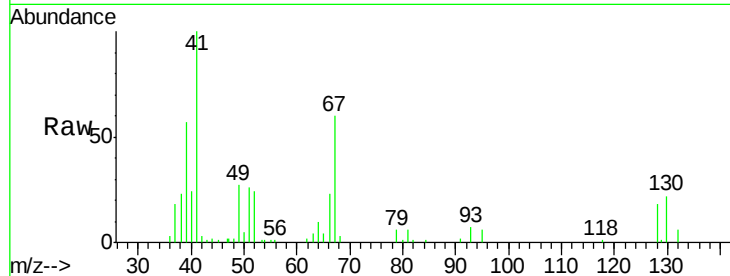
#41
Methacrylonitrile
Concen: 18.395 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

Tot Ion:	41	Resp:	31104
Ion Ratio	Lower	Upper	
41	100		
39	58.2	46.0	69.0
67	68.9	52.2	78.2
52	30.7	22.7	34.1

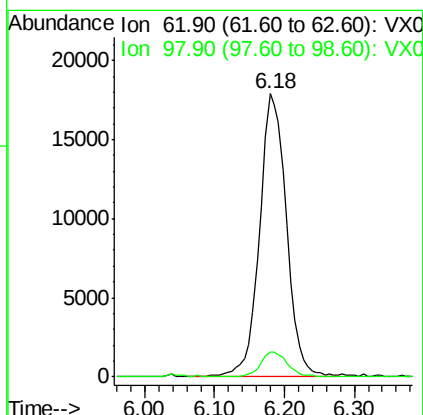
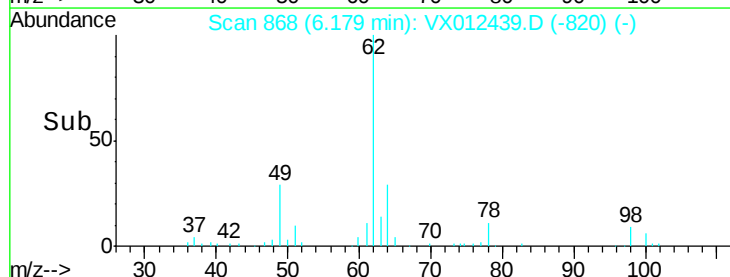
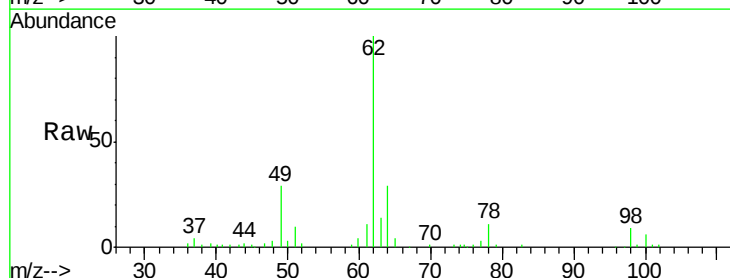
Manual Integrations
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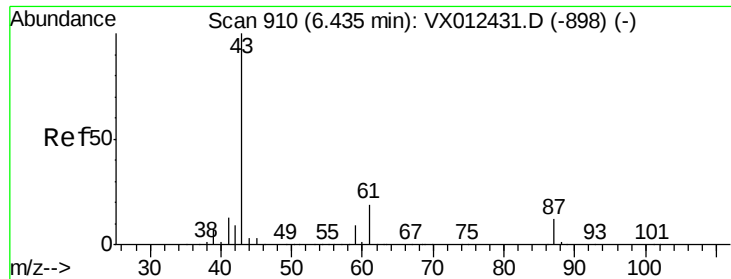
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#42
1,2-Dichloroethane
Concen: 19.078 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Tgt Ion:	62	Resp:	48137
Ion Ratio	Lower	Upper	
62	100		
98	8.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 19.211 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

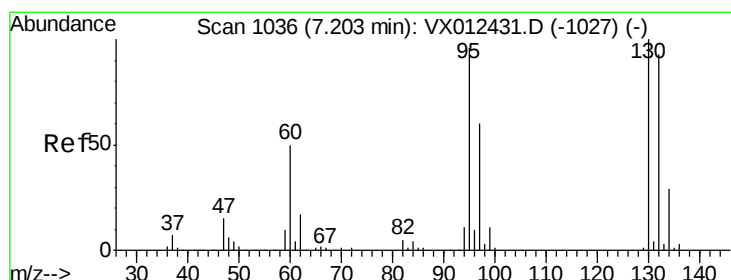
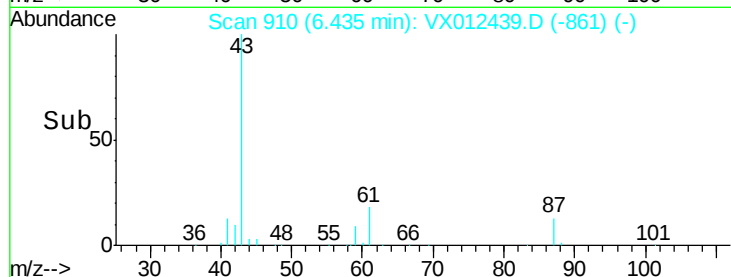
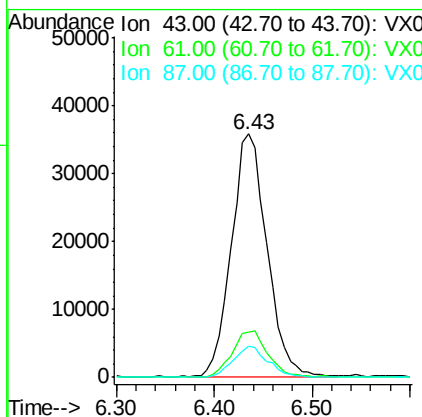
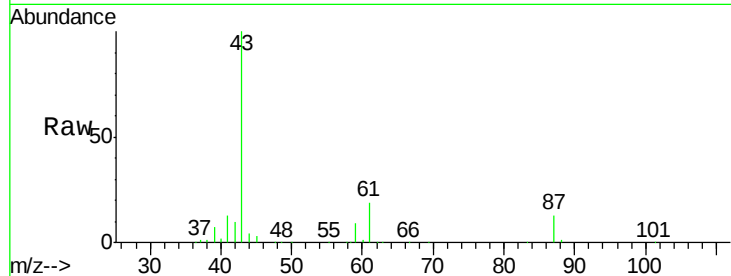
ClientSampleId :

VX0917WBSD01

Tot Ion:	43	Resp:	90545
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.4	23.0
87	12.6	9.8	14.8

Manual Integrations
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#44

Trichloroethene

Concen: 19.878 ug/l

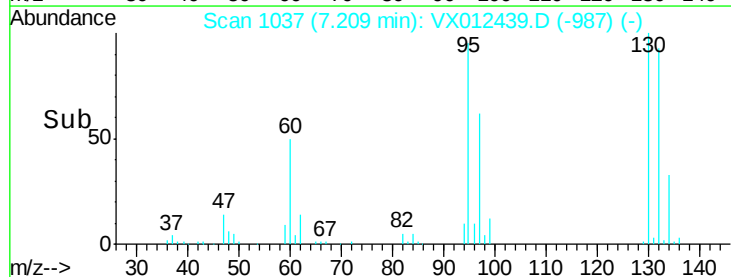
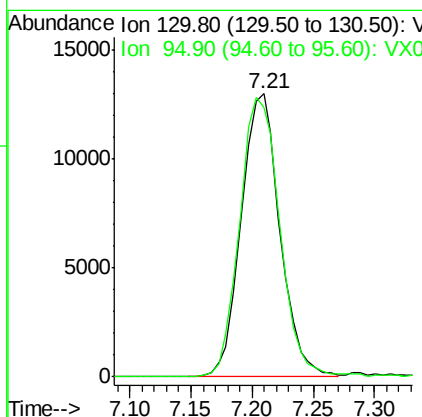
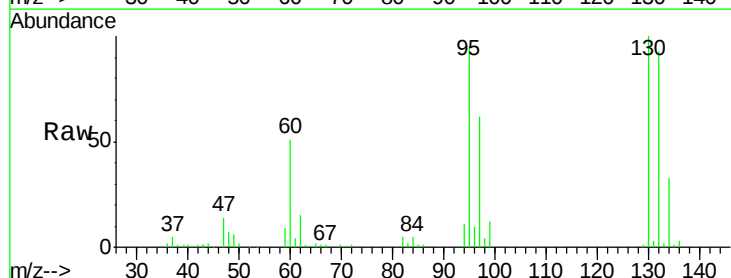
RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Tgt Ion:	130	Resp:	28446
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	193.0





#45

1,2-Dichloropropane

Concen: 18.903 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

Tot Ion: 63 Resp: 31593

Ion Ratio Lower Upper

63 100

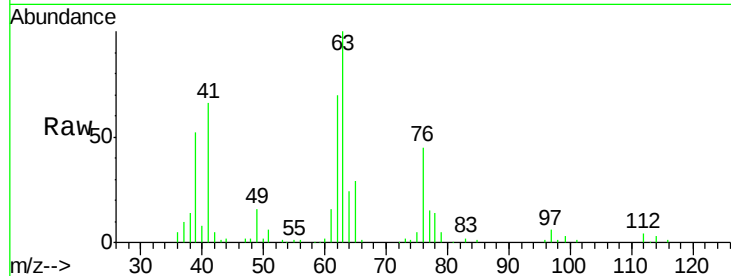
65 29.1 25.0 37.6

Manual Integrations

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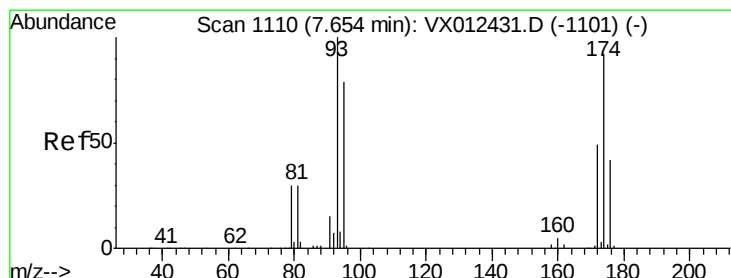
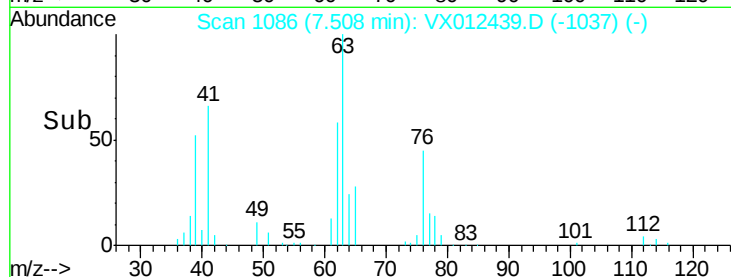
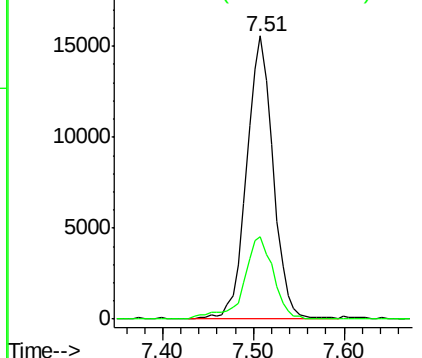
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.570 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

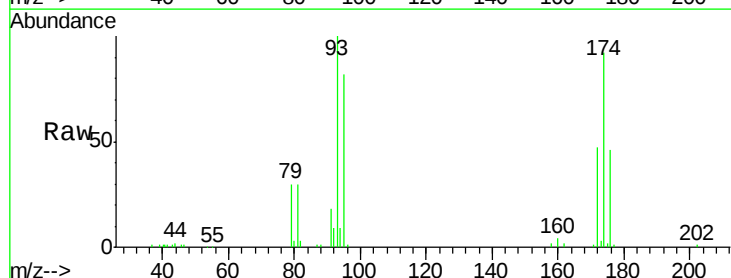
Tgt Ion: 93 Resp: 21166

Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

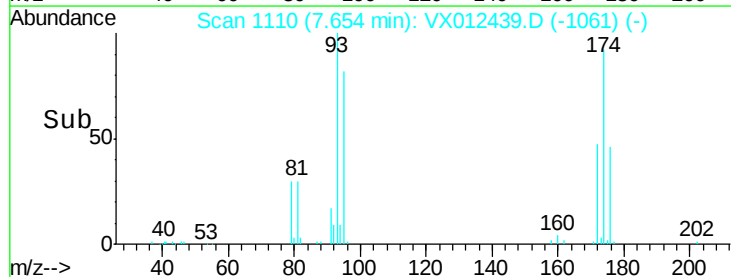
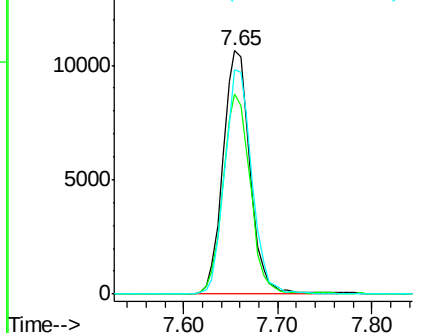
174 92.5 77.4 116.0

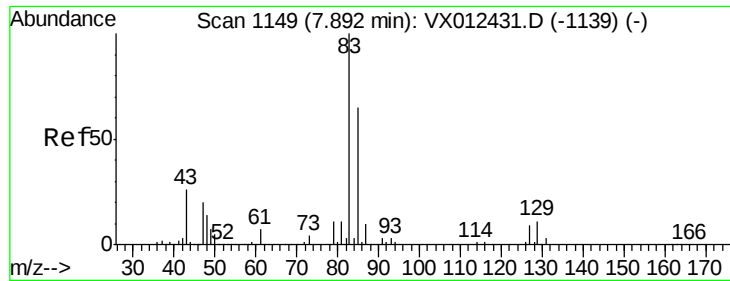


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.105 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

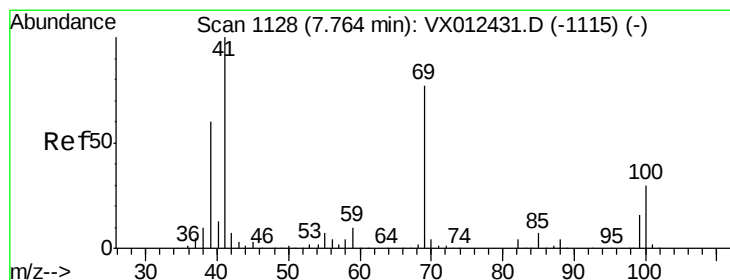
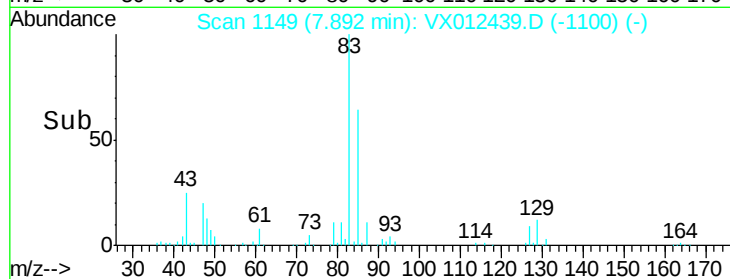
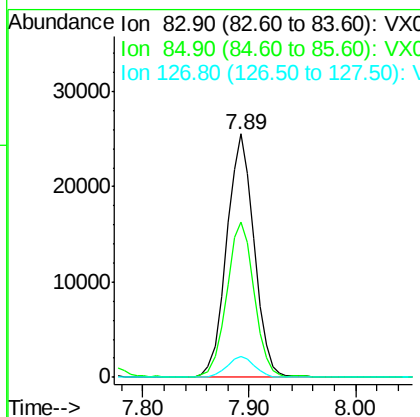
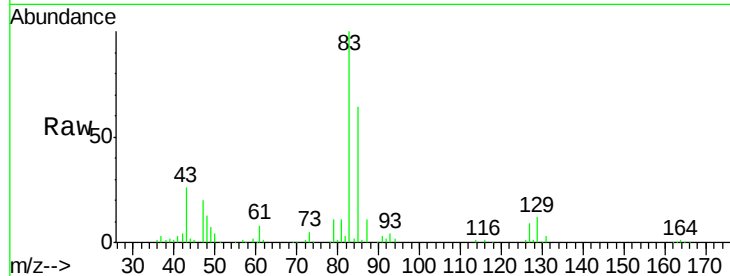
ClientSampleId :

VX0917WBSD01

Tot Ion:	83	Resp:	46007
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.8	77.6
127	8.6	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.766 ug/l

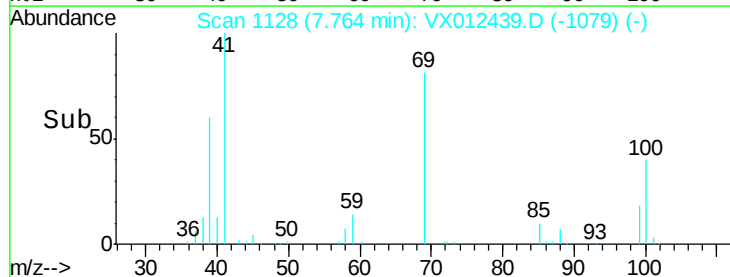
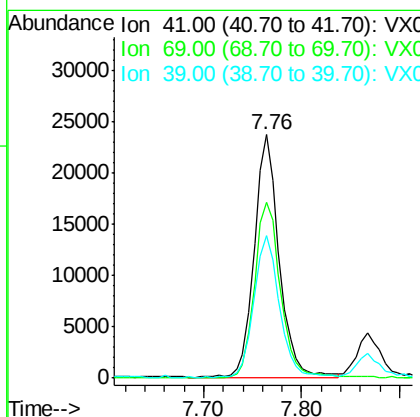
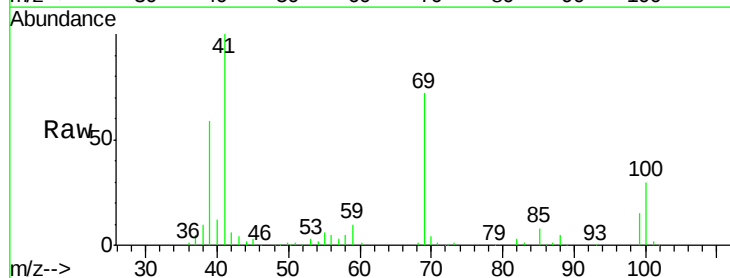
RT: 7.76 min Scan# 1128

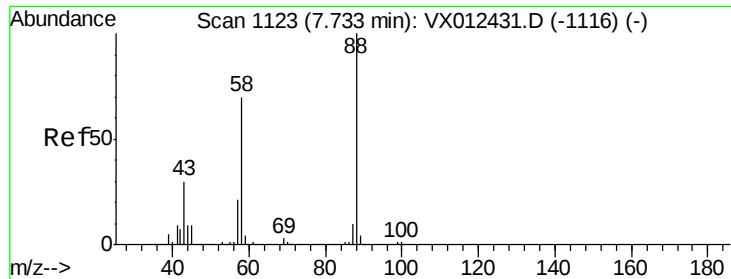
Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Tgt Ion:	41	Resp:	41693
Ion Ratio	Lower	Upper	
41	100		
69	76.7	59.9	89.9
39	60.1	47.8	71.6





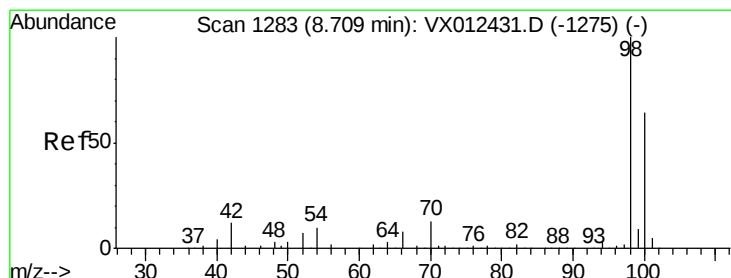
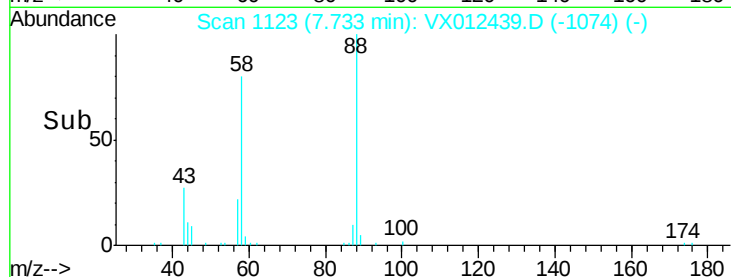
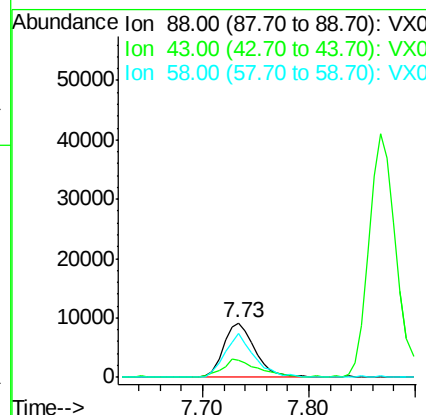
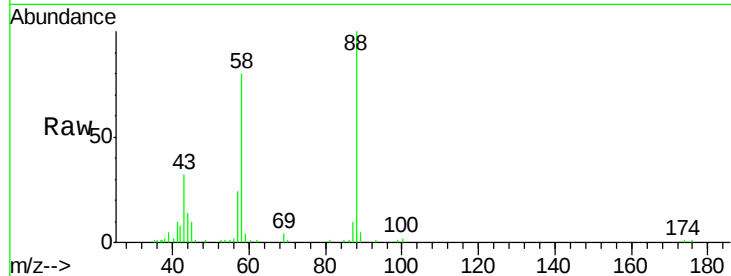
#49
1,4-Dioxane
Concen: 349.602 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	18904		
43	36.8	29.4	44.0	
58	74.7	57.5	86.3	

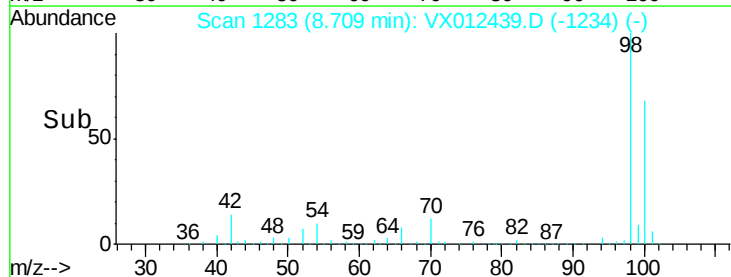
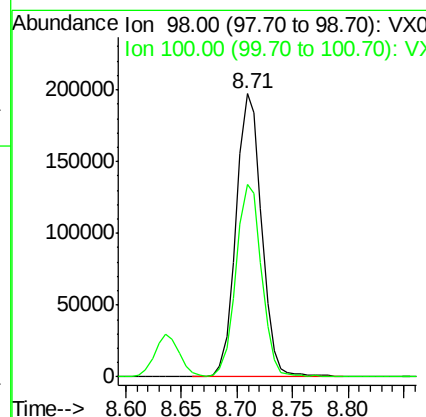
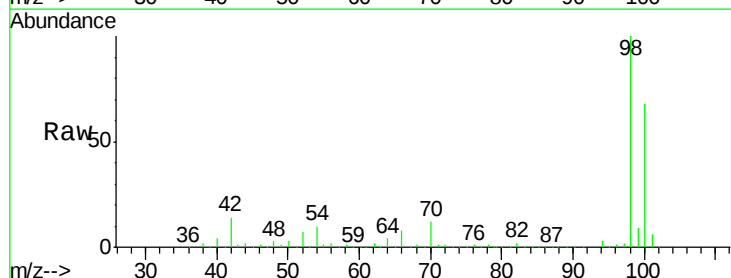
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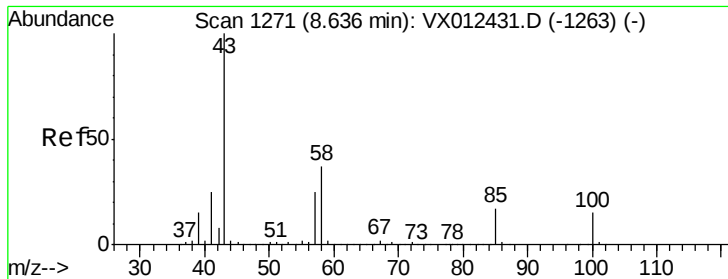
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#50
Toluene-d8
Concen: 49.752 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	313746		
100	68.5	53.4	80.2	





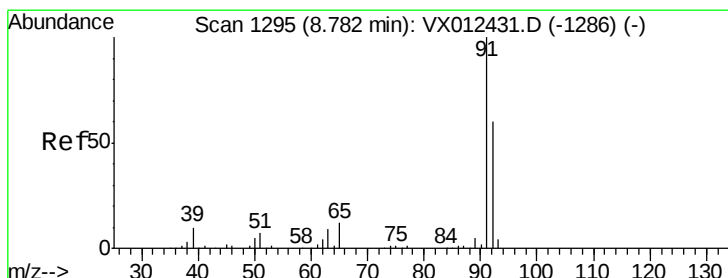
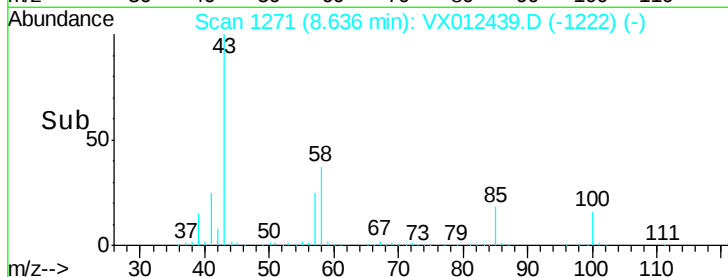
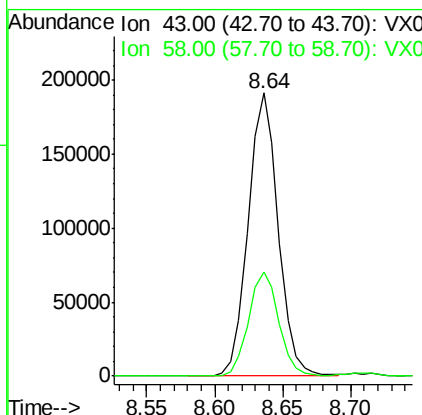
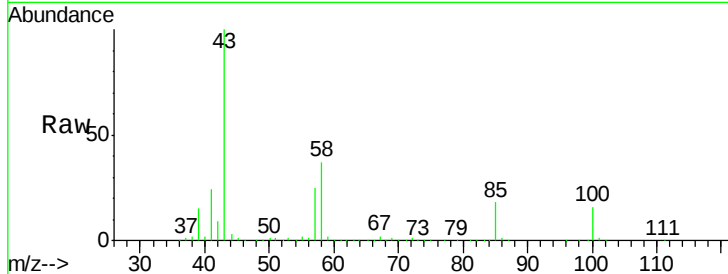
#51
4-Methyl-2-Pentanone
Concen: 95.722 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

Tot Ion	43	58	Ratio	Lower	Upper
295862	100	37.1		29.8	44.6

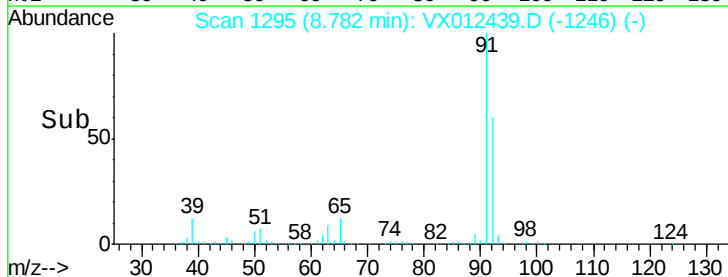
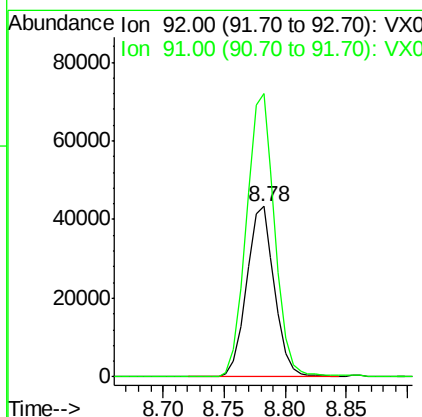
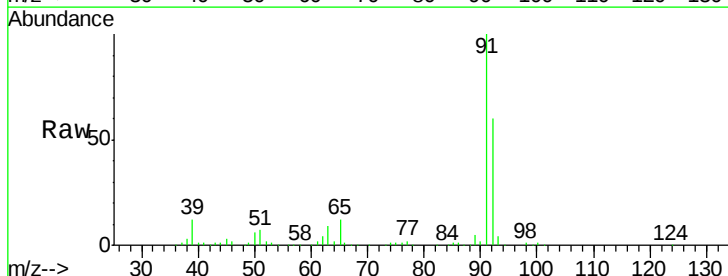
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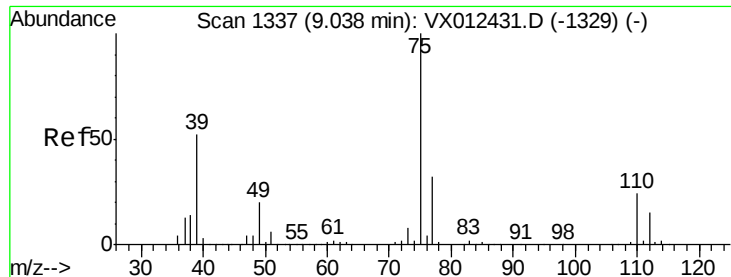
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#52
Toluene
Concen: 19.590 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Tgt Ion	92	91	Ratio	Lower	Upper
68670	100	169.4		135.4	203.0





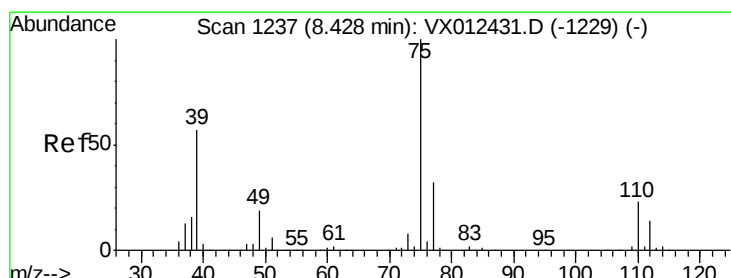
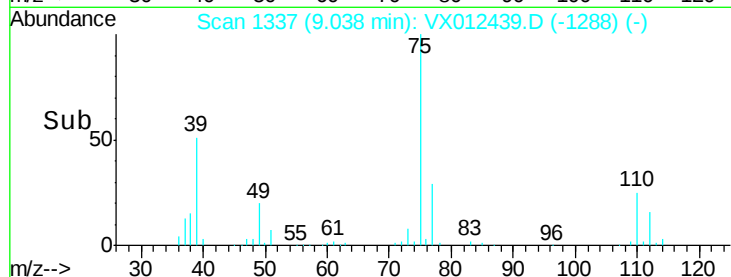
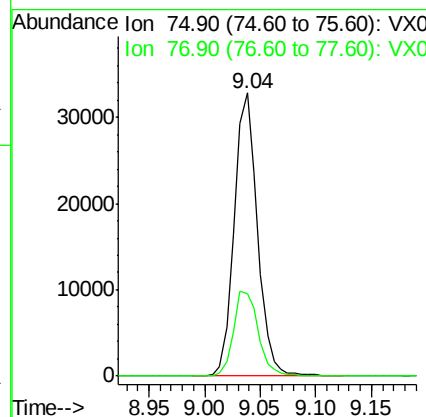
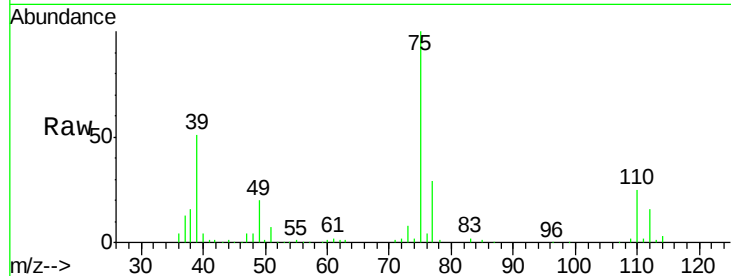
#53
 t-1,3-Dichloropropene
 Concen: 18.977 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012439.D
 Acq: 17 Sep 2019 18:18

Instrument :
 MSVOA_X
 ClientSampled :
 VX0917WBSD01

Tot Ion: 75 Resp: 47504
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.2 37.8

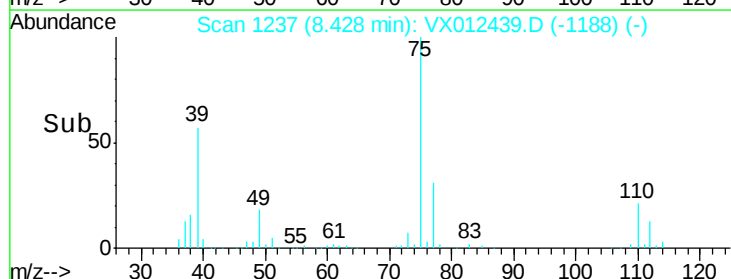
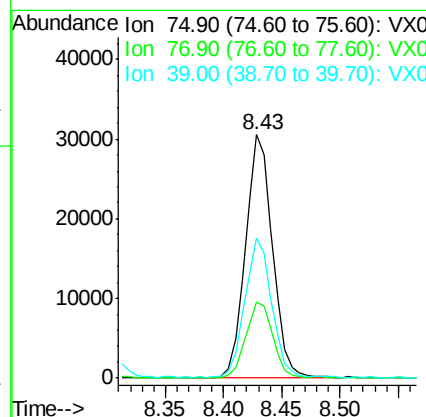
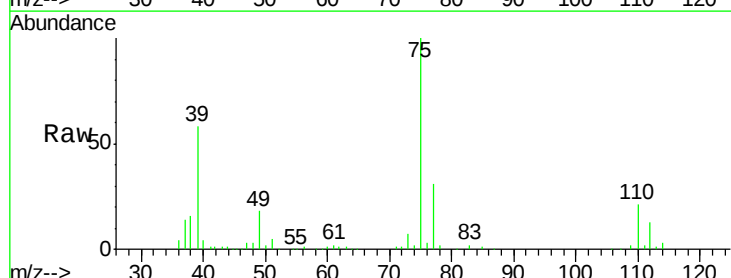
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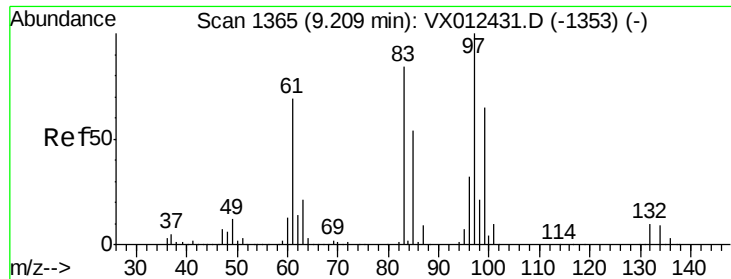
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#54
 cis-1,3-Dichloropropene
 Concen: 19.125 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012439.D
 Acq: 17 Sep 2019 18:18

Tgt Ion: 75 Resp: 49565
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.8 38.8
 39 57.2 45.5 68.3





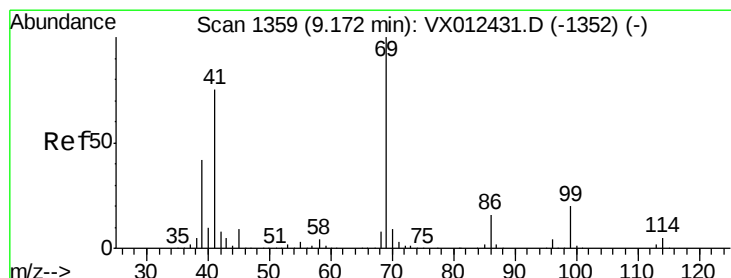
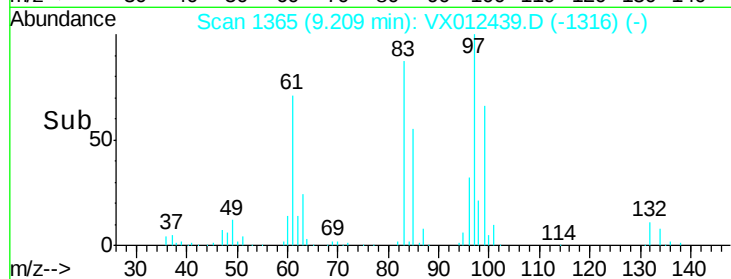
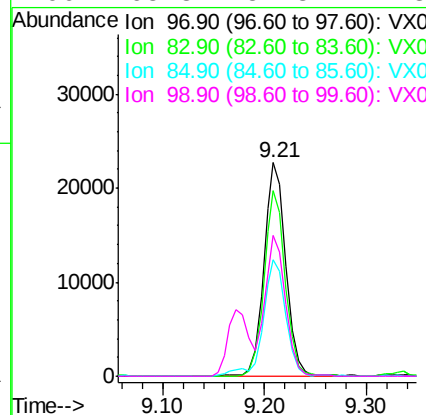
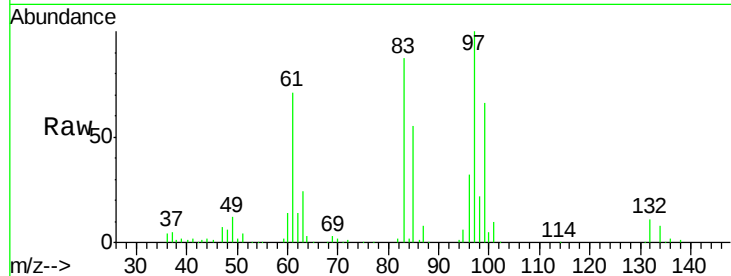
#55
 1,1,2-Trichloroethane
 Concen: 18.829 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012439.D
 Acq: 17 Sep 2019 18:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBSD01

Tot Ion:	97	Resp:	34004
Ion	Ratio	Lower	Upper
97	100		
83	86.8	67.4	101.2
85	54.6	43.5	65.3
99	65.8	51.8	77.8

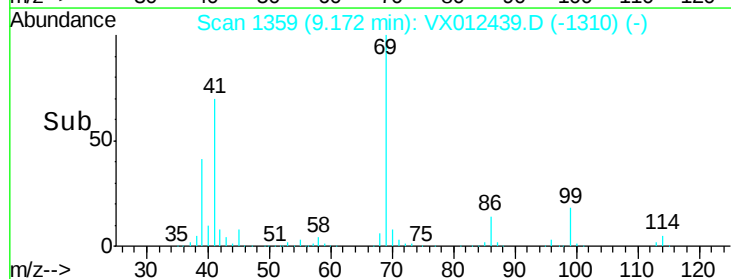
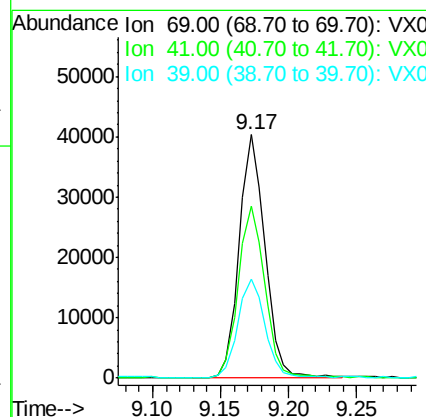
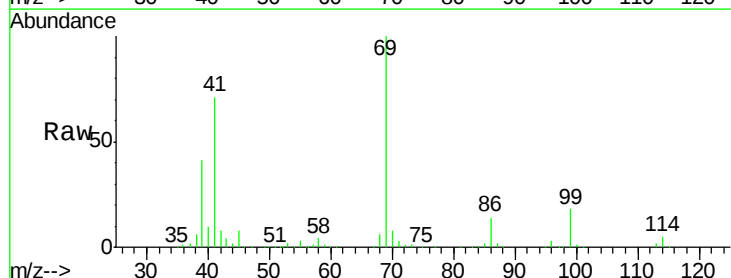
Manual Integrations
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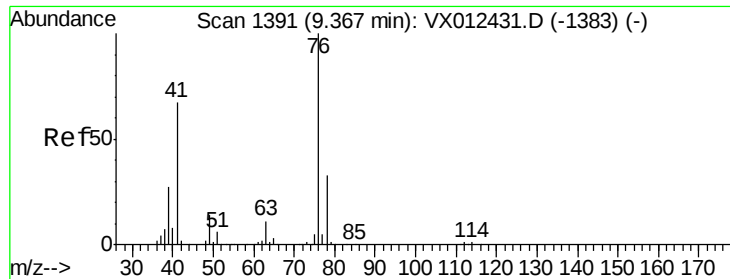
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#56
 Ethyl methacrylate
 Concen: 18.974 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012439.D
 Acq: 17 Sep 2019 18:18

Tgt Ion:	69	Resp:	53575
Ion	Ratio	Lower	Upper
69	100		
41	72.1	58.4	87.6
39	42.8	33.4	50.0





#57

1,3-Dichloropropane

Concen: 19.560 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

Tot Ion: 76 Resp: 56362

Ion Ratio Lower Upper

76 100

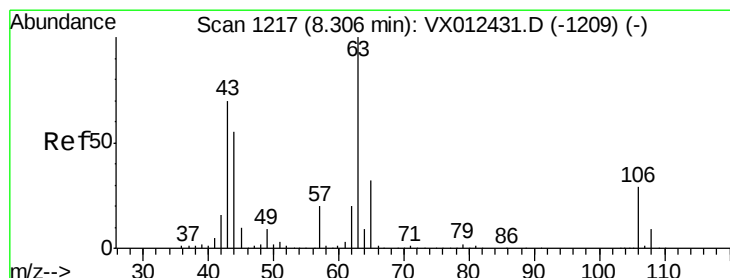
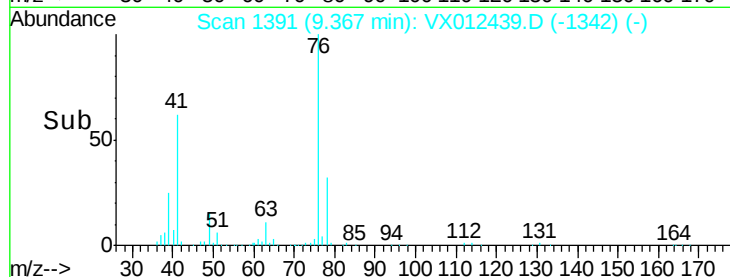
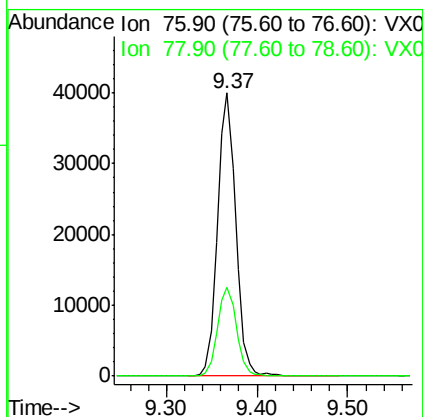
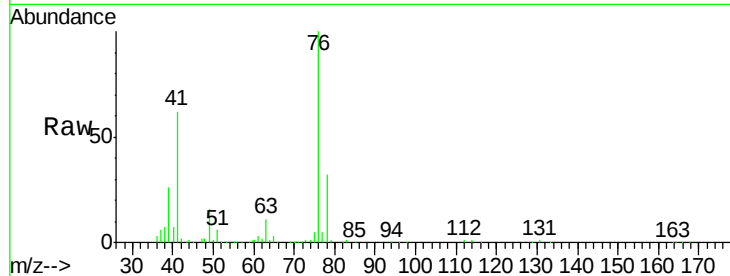
78 32.7 26.2 39.2

Manual Integrations

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MMDadoda

9/18/2019 11:20:35 AM



#58

2-Chloroethyl Vinyl ether

Concen: 99.735 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012439.D

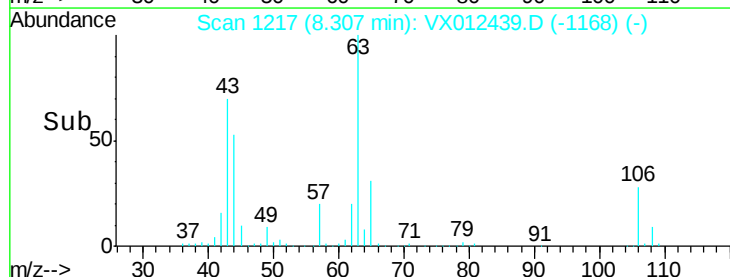
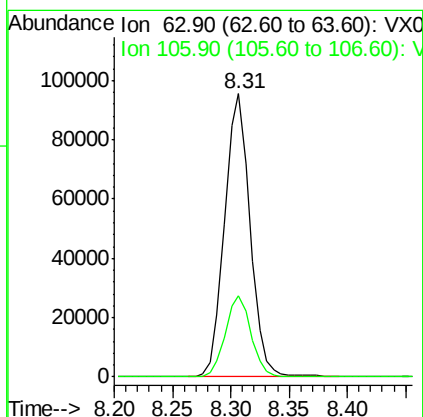
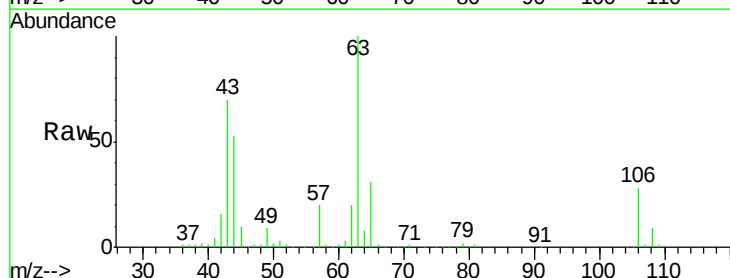
Acq: 17 Sep 2019 18:18

Tgt Ion: 63 Resp: 145774

Ion Ratio Lower Upper

63 100

106 29.1 23.8 35.6





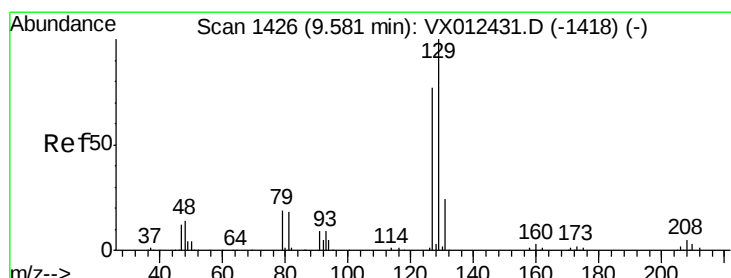
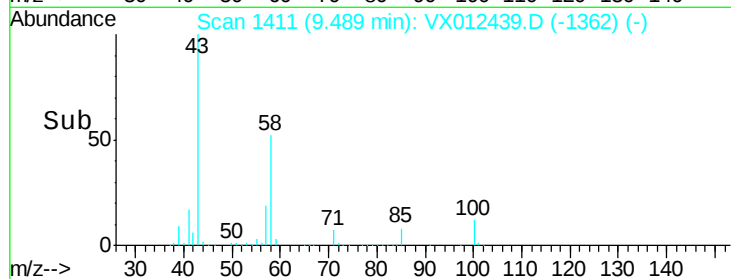
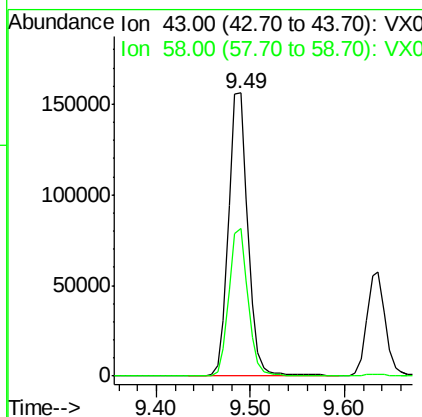
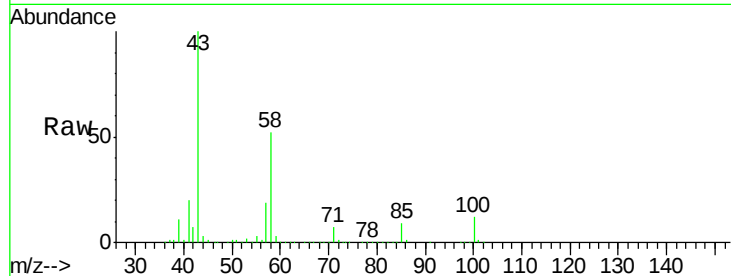
#59
2-Hexanone
Concen: 92.570 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Instrument :
MSVOA_X
ClientSampled :
VX0917WBSD01

Tot Ion: 43 Resp: 223220
Ion Ratio Lower Upper
43 100
58 52.0 25.7 77.1

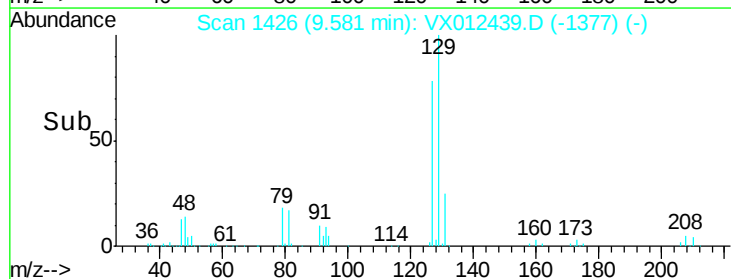
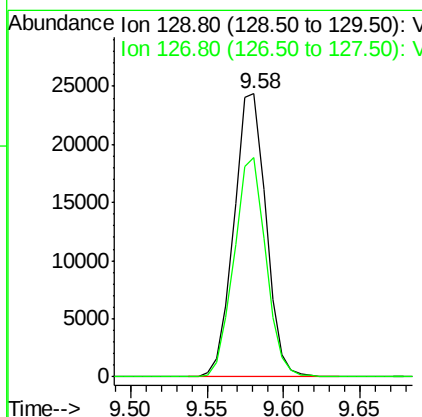
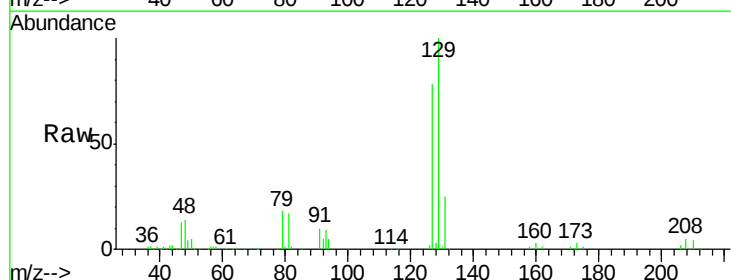
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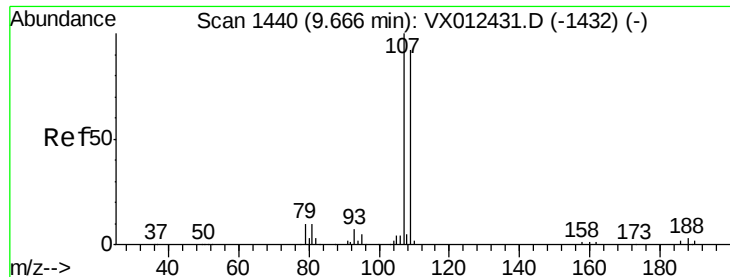
MMDadoda
9/18/2019 11:20:35 AM



#60
Dibromochloromethane
Concen: 19.323 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Tgt Ion: 129 Resp: 35546
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.660 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

Tot Ion:107 Resp: 32427

Ion Ratio Lower Upper

107 100

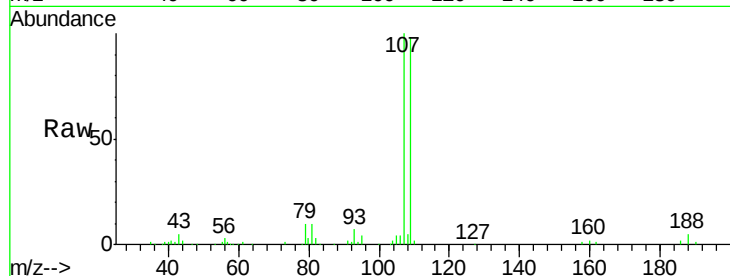
109 96.6 74.7 112.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

25000

20000

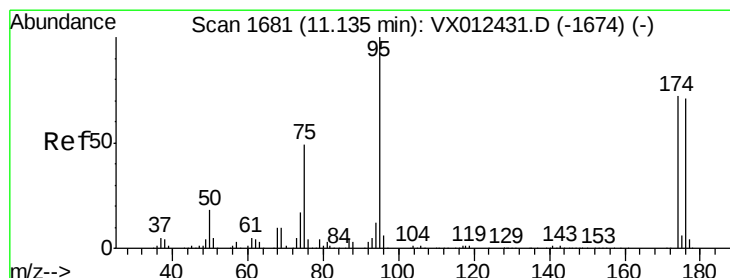
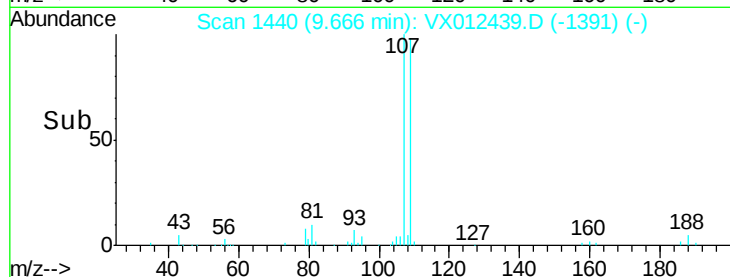
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.815 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

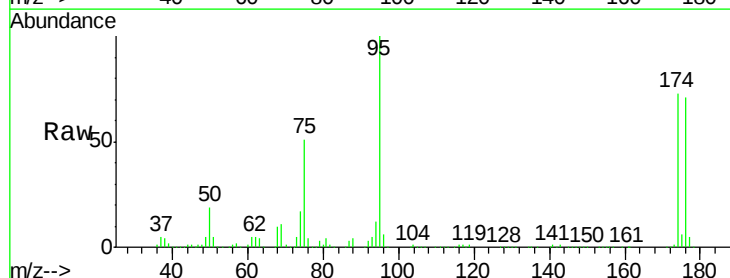
Tgt Ion: 95 Resp: 127817

Ion Ratio Lower Upper

95 100

174 70.1 0.0 140.0

176 67.4 0.0 135.4



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

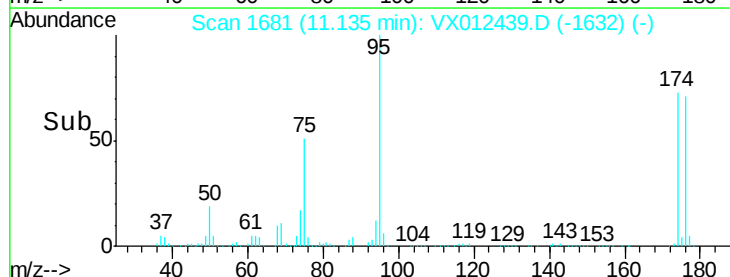
11.14

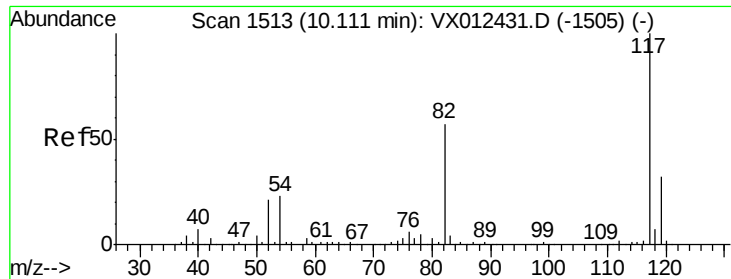
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

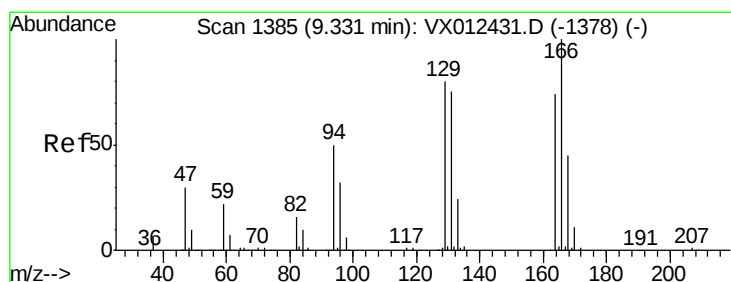
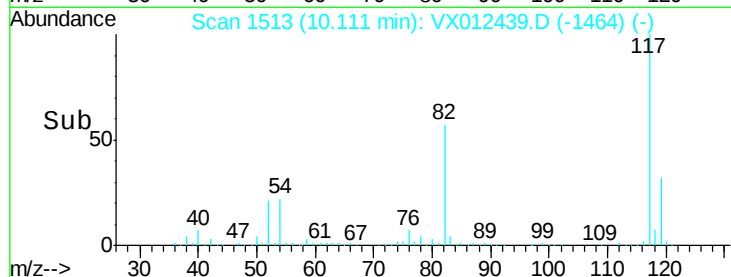
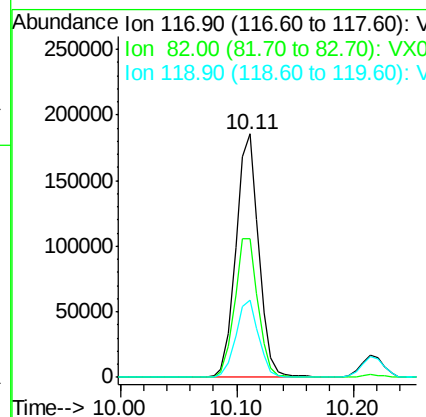
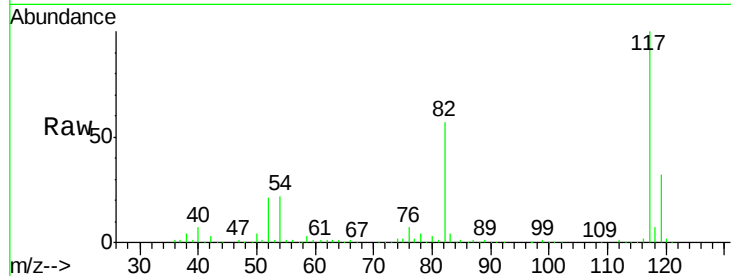
ClientSampleId :

VX0917WBSD01

Tot Ion:	117	Resp:	252193
Ion Ratio	Lower	Upper	
117	100		
82	57.2	45.9	68.9
119	31.9	25.3	37.9

Manual Integrations
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#64

Tetrachloroethene

Concen: 20.433 ug/l

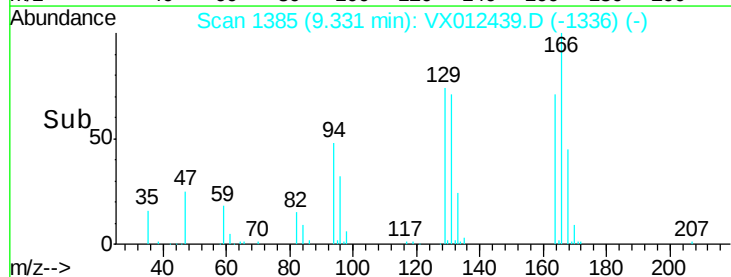
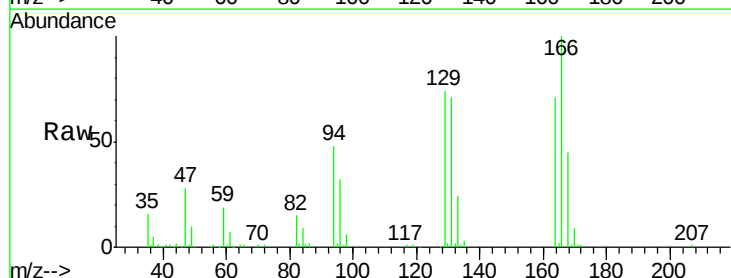
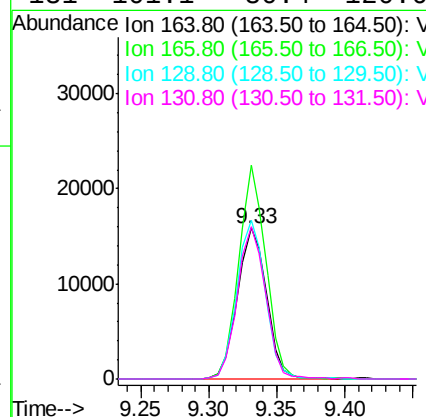
RT: 9.33 min Scan# 1385

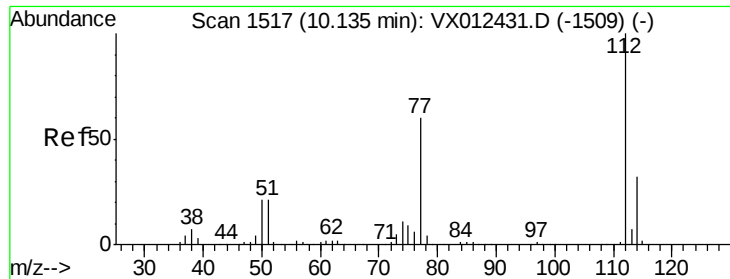
Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Tgt Ion:	164	Resp:	23613
Ion Ratio	Lower	Upper	
164	100		
166	141.8	107.8	161.6
129	105.0	86.2	129.2
131	101.1	80.4	120.6





#65

Chlorobenzene

Concen: 19.314 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

Tot Ion:112 Resp: 80395

Ion Ratio Lower Upper

112 100

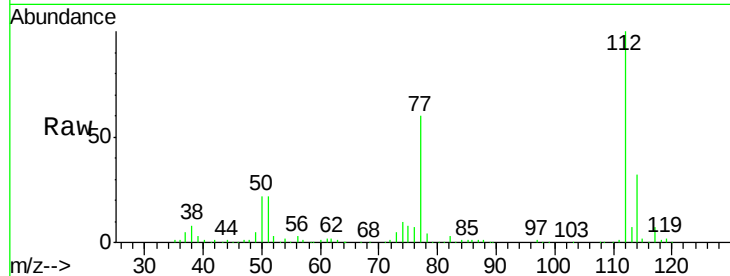
114 32.0 25.4 38.0

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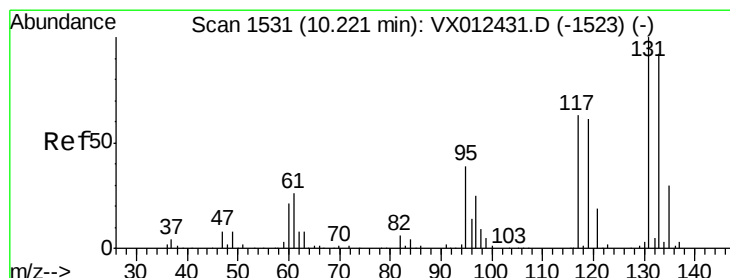
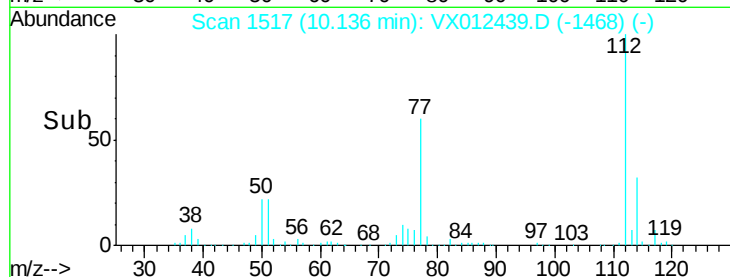
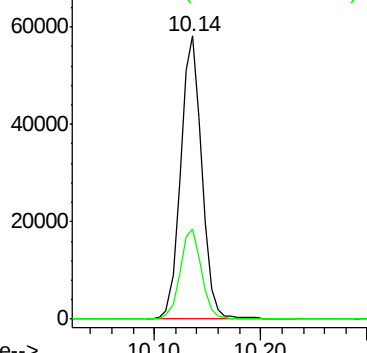
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.689 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

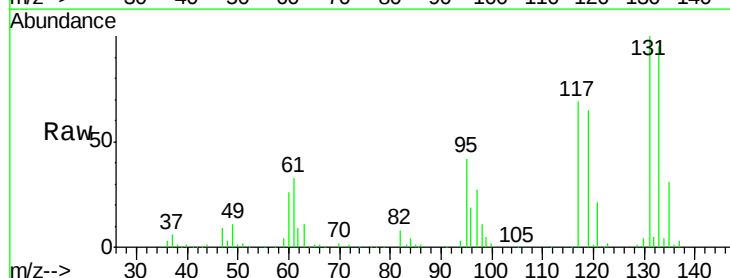
Tgt Ion:131 Resp: 34013

Ion Ratio Lower Upper

131 100

133 93.8 47.6 142.9

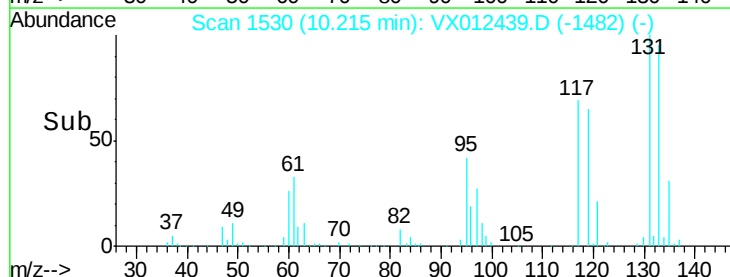
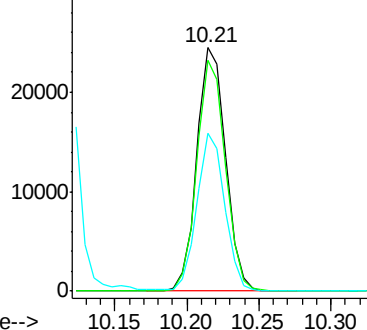
119 63.1 31.3 93.8

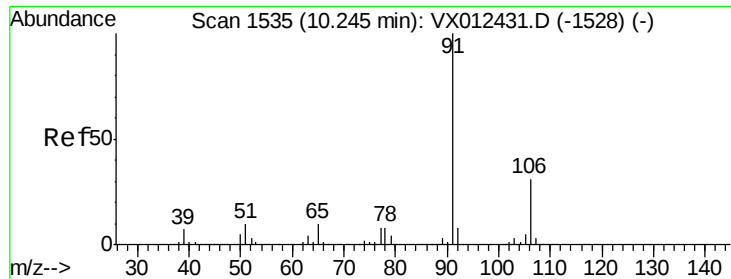


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





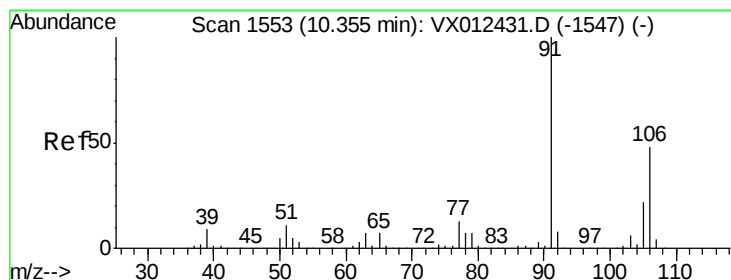
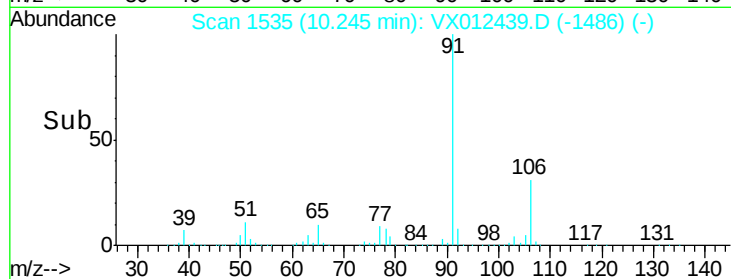
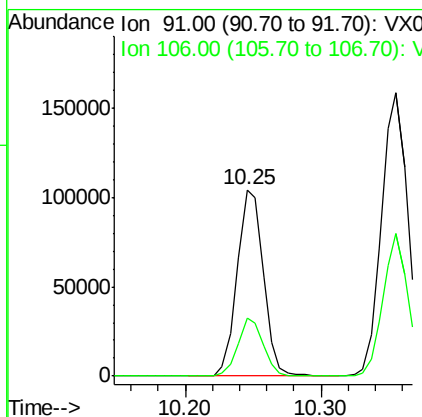
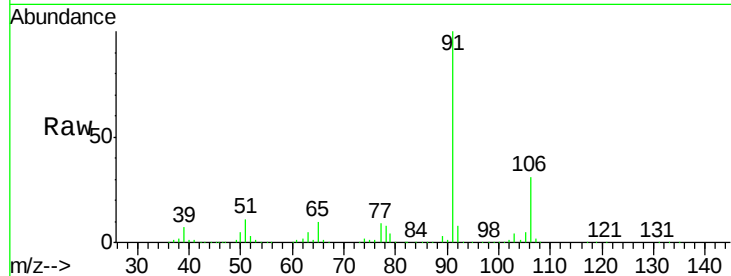
#67
Ethyl Benzene
Concen: 19.642 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Instrument :
MSVOA_X
ClientSampled :
VX0917WBSD01

Tot Ion: 91 Resp: 140469
Ion Ratio Lower Upper
91 100
106 31.4 24.6 37.0

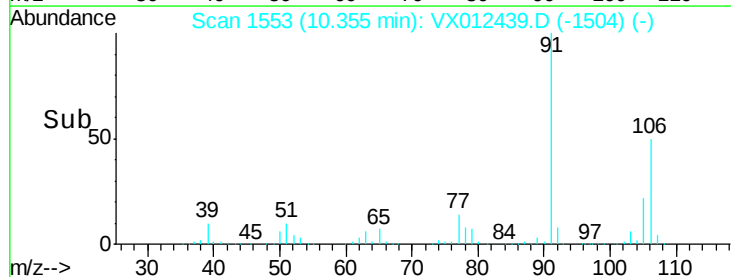
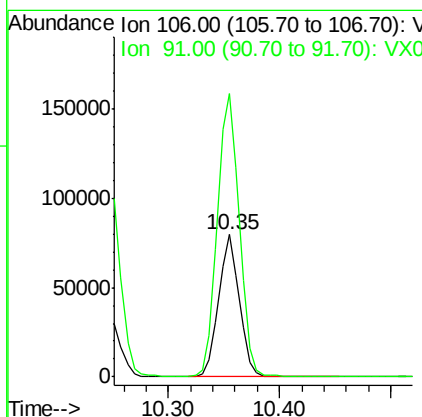
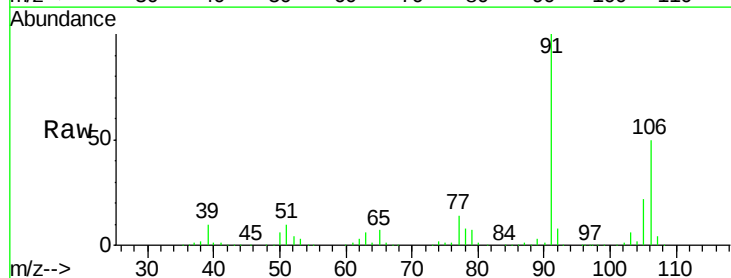
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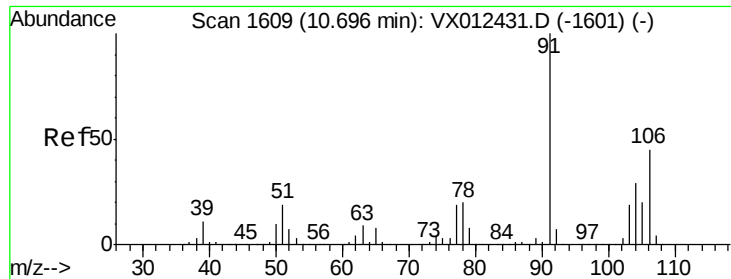
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#68
m/p-Xylenes
Concen: 39.537 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Tgt Ion: 106 Resp: 102875
Ion Ratio Lower Upper
106 100
91 210.9 166.6 250.0





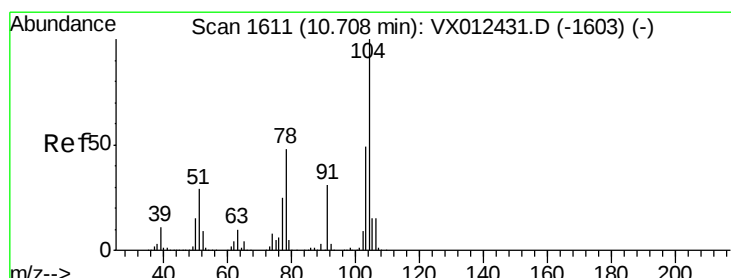
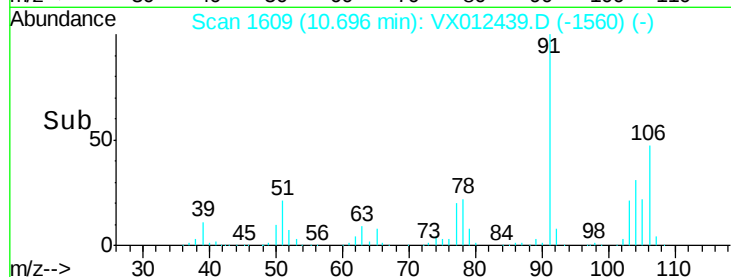
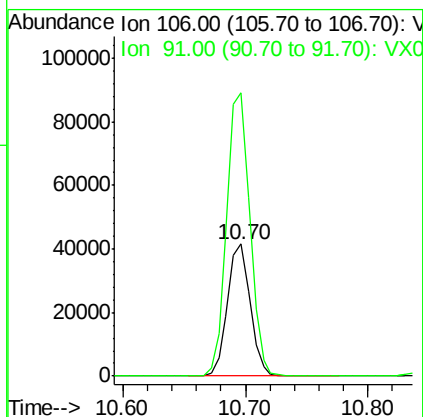
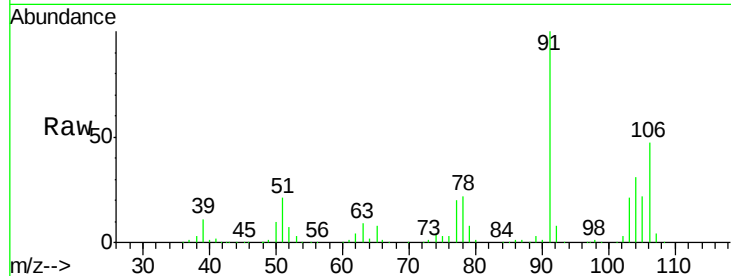
#69
o-Xylene
Concen: 20.035 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

Tot Ion:106 Resp: 53612
Ion Ratio Lower Upper
106 100
91 218.4 109.4 328.2

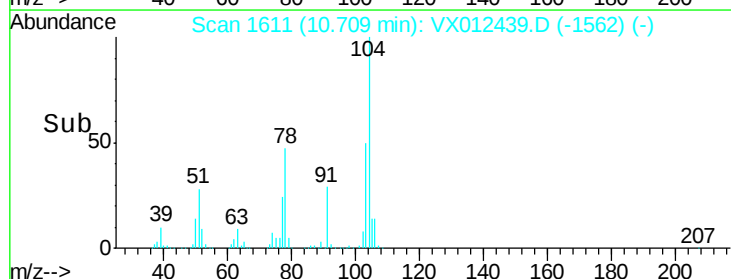
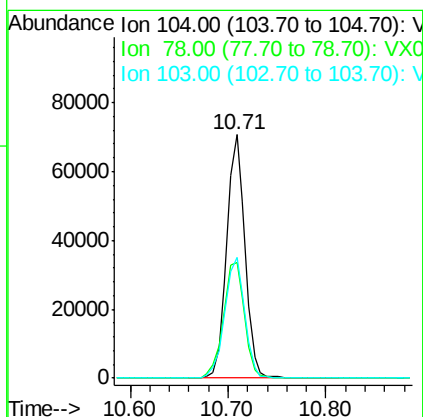
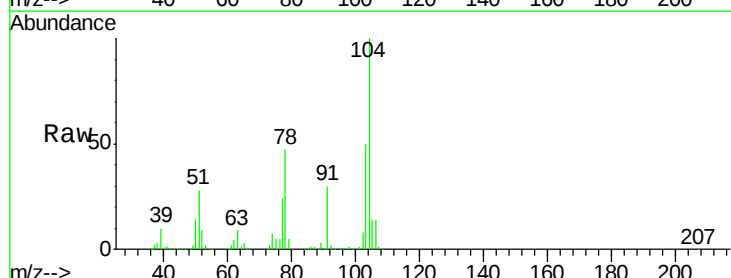
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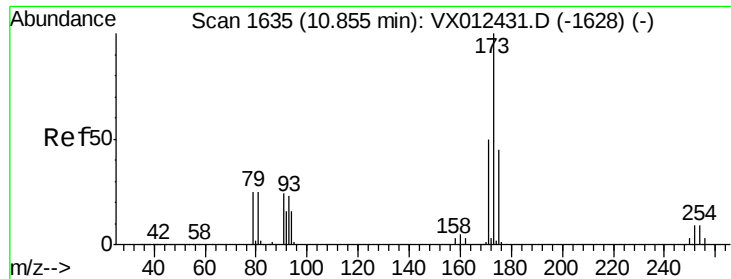
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#70
Styrene
Concen: 19.346 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Tgt Ion:104 Resp: 91595
Ion Ratio Lower Upper
104 100
78 54.9 43.4 65.2
103 54.5 43.3 64.9





#71

Bromoform

Concen: 18.017 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

Tot Ion:173 Resp: 23902

Ion Ratio Lower Upper

173 100

175 48.2 23.7 71.1

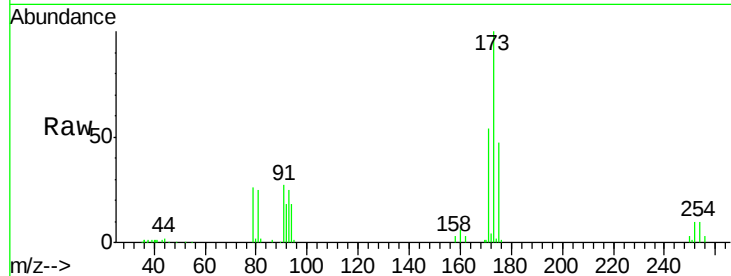
254 0.0 0.1 0.1#

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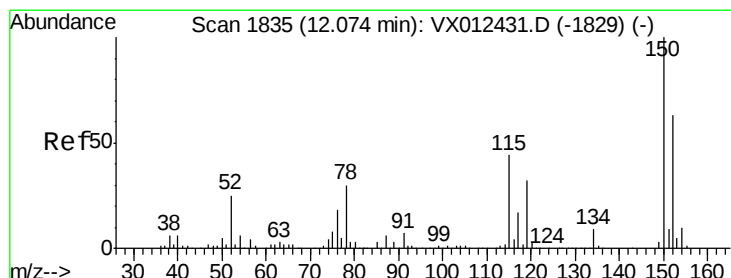
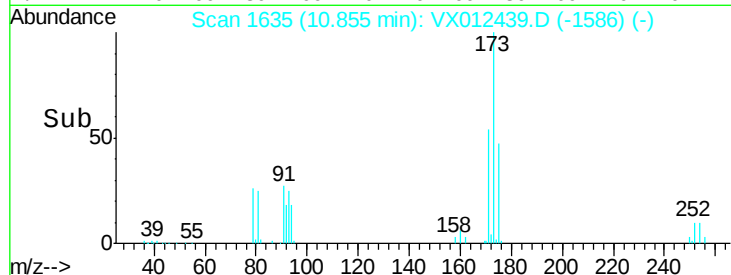
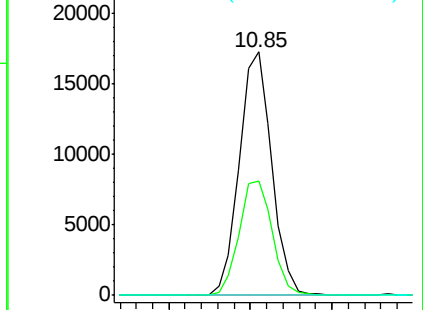
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

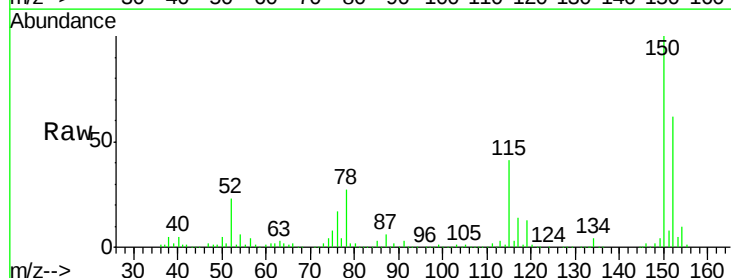
Tgt Ion:152 Resp: 118750

Ion Ratio Lower Upper

152 100

115 72.5 44.1 132.3

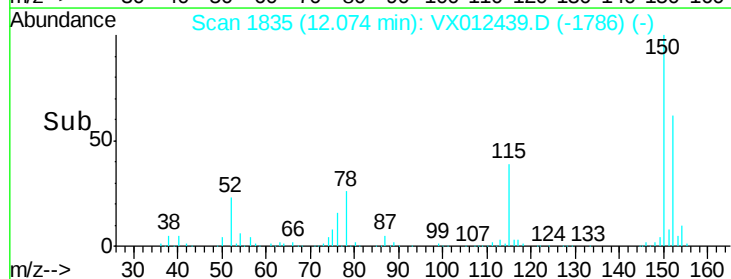
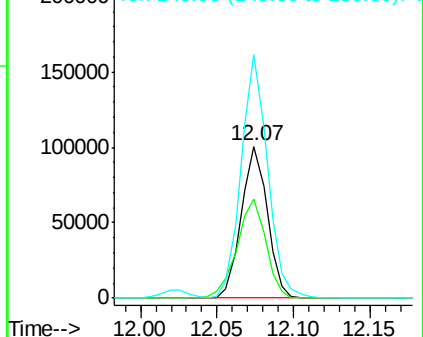
150 163.5 0.0 343.8



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: 19.980 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

Tot Ion: 105 Resp: 148866

Ion Ratio Lower Upper

105 100

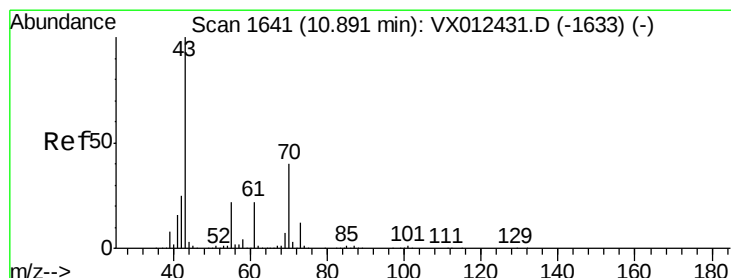
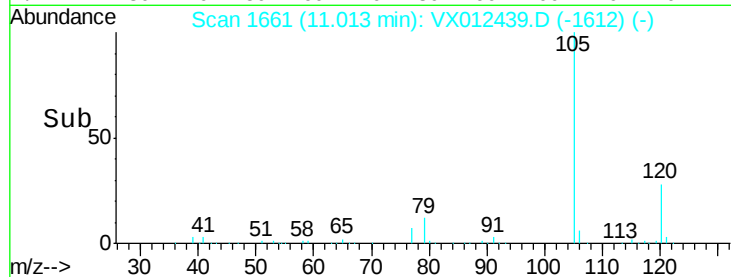
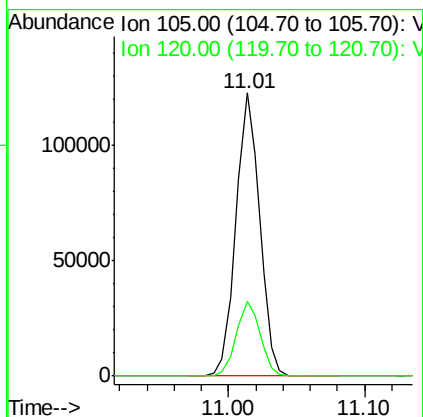
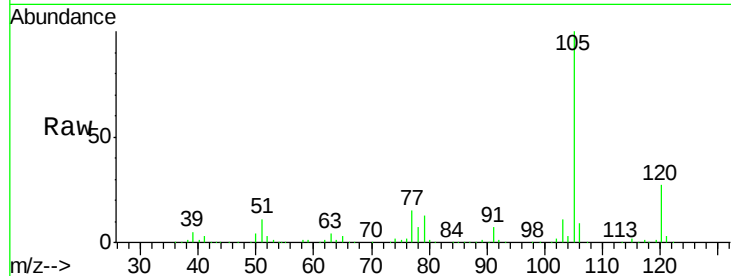
120 26.5 12.9 38.7

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#74

N-ethyl acetate

Concen: 19.275 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Tgt Ion: 43 Resp: 77319

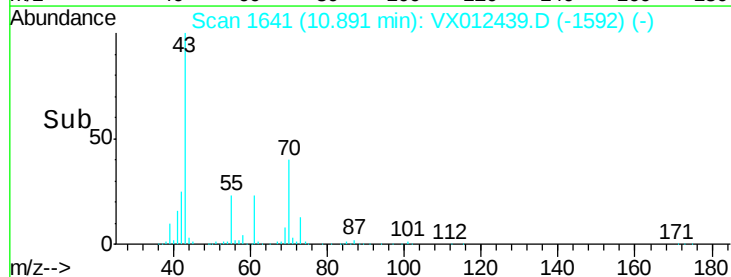
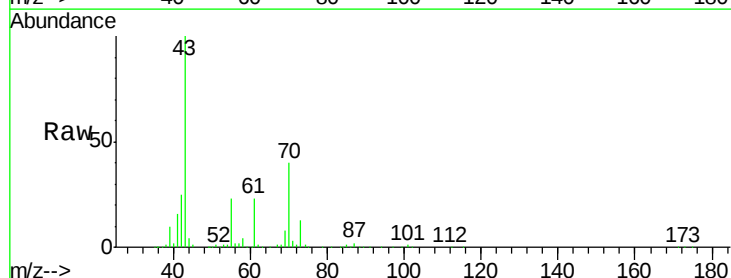
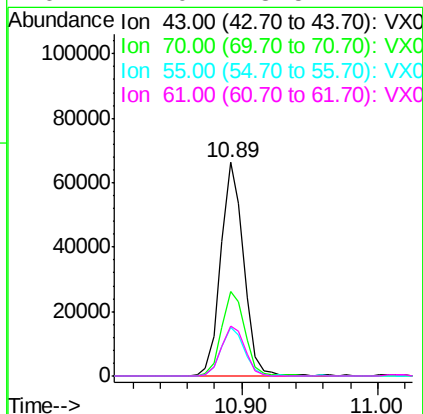
Ion Ratio Lower Upper

43 100

70 40.5 32.4 48.6

55 23.4 18.2 27.4

61 24.0 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.481 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

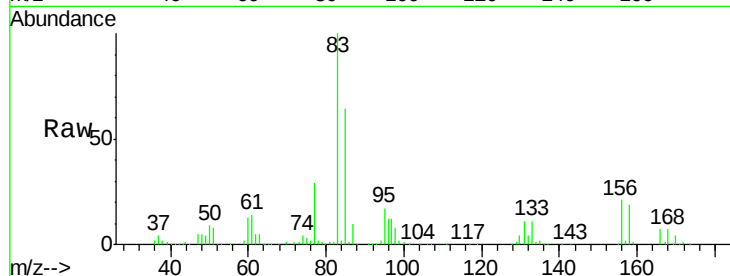
ClientSampleId :

VX0917WBSD01

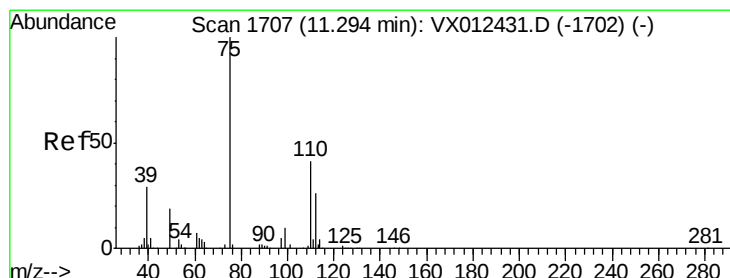
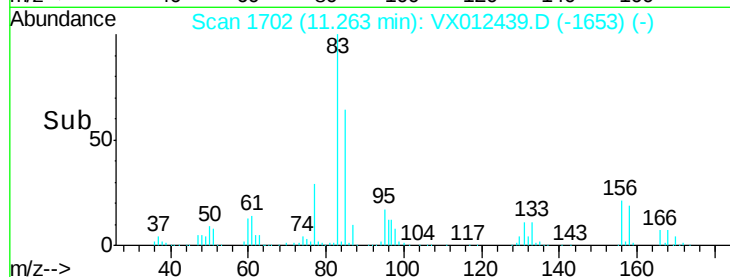
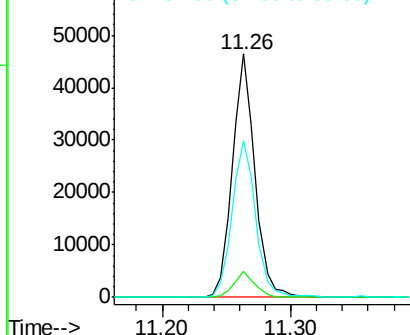
Tot Ion:	83	Resp:	56939
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.2	15.6
85	66.9	32.0	96.0

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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: 20.060 ug/l m

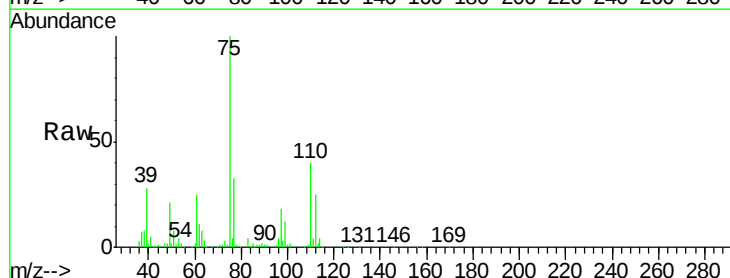
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

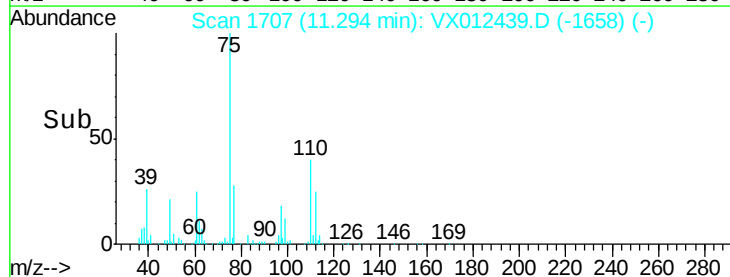
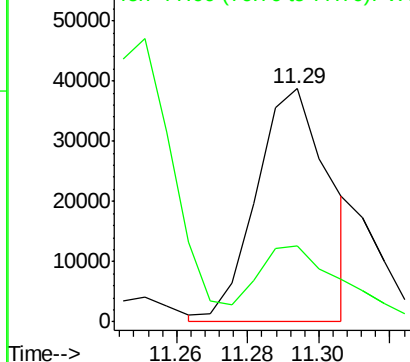
Lab File: VX012439.D

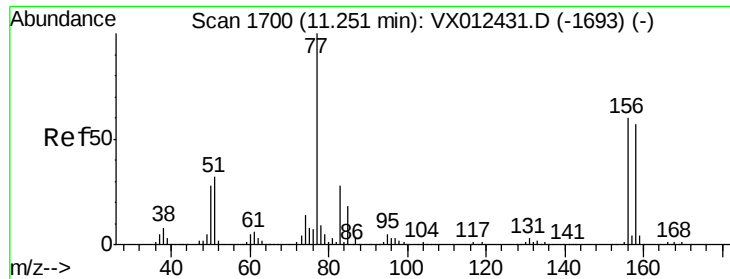
Acq: 17 Sep 2019 18:18

Tgt Ion:	75	Resp:	54718
Ion Ratio	Lower	Upper	
75	100		
77	38.7	19.7	59.0



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





#77

Bromobenzene

Concen: 19.881 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

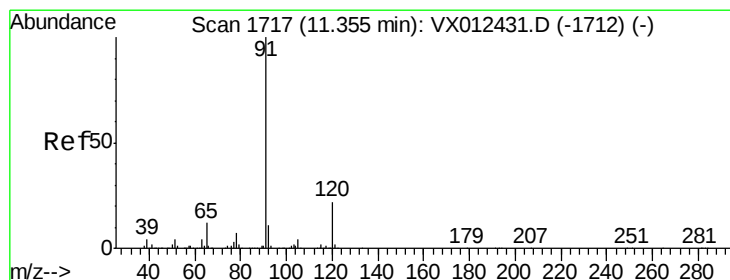
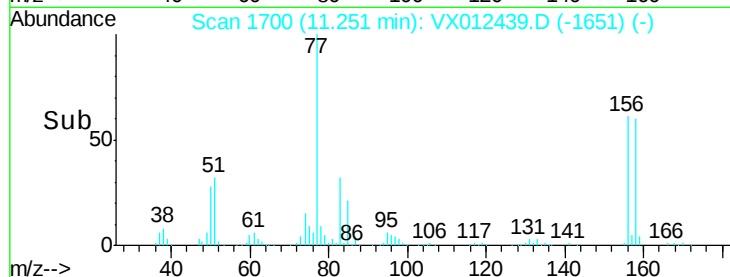
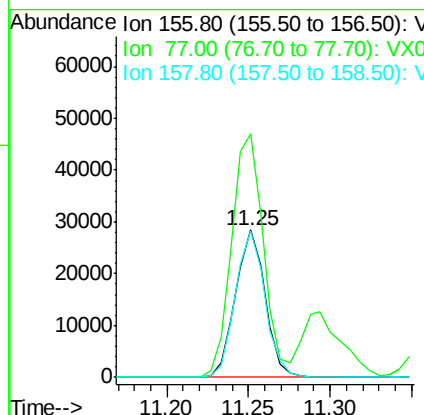
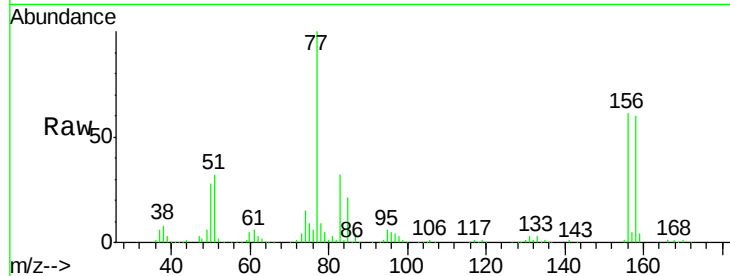
ClientSampleId :

VX0917WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		36127		
77	176.4	87.3	261.8		
158	98.6	48.5	145.6		

Manual Integrations
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#78

n-propylbenzene

Concen: 20.219 ug/l

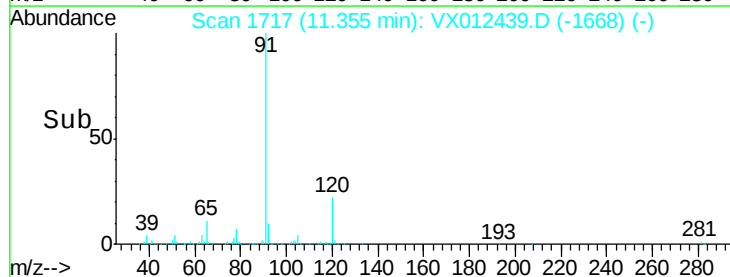
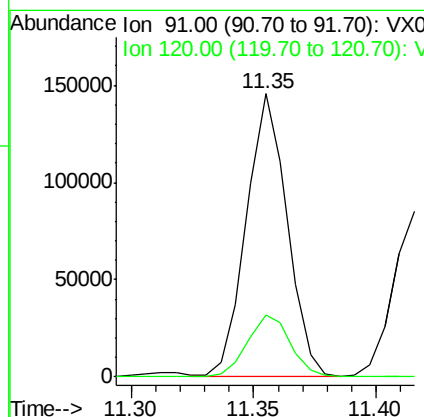
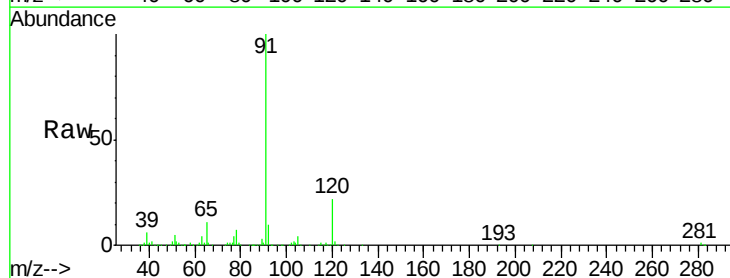
RT: 11.35 min Scan# 1717

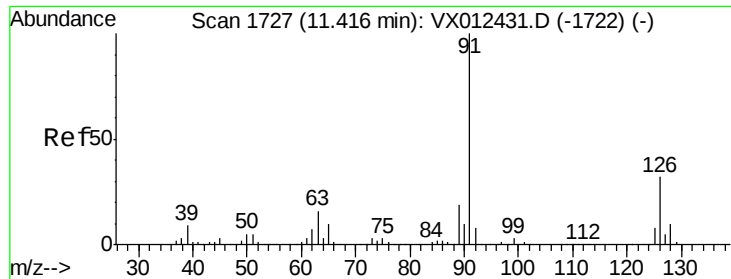
Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		167906		
120	23.2	11.3	33.8		





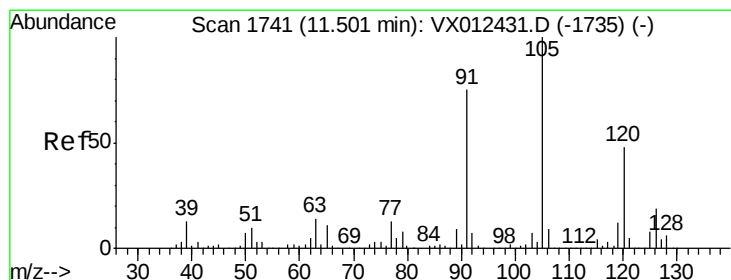
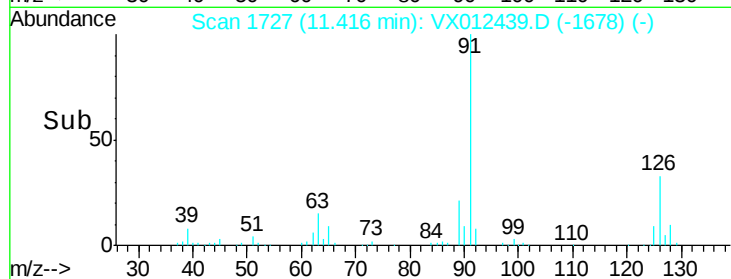
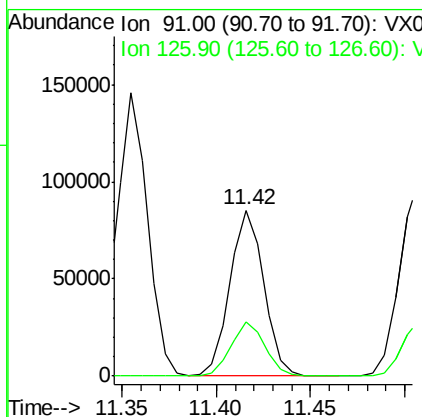
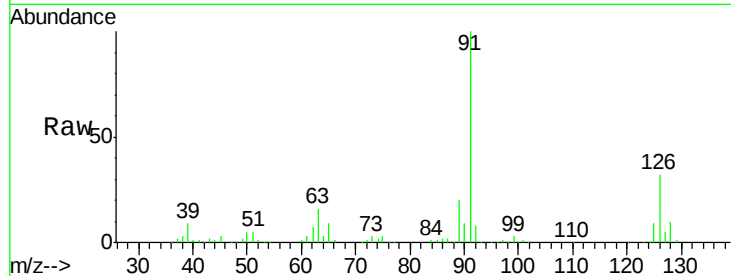
#79
 2-Chlorotoluene
 Concen: 19.590 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012439.D
 Acq: 17 Sep 2019 18:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBSD01

Tot Ion: 91 Resp: 105836
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.4 49.4

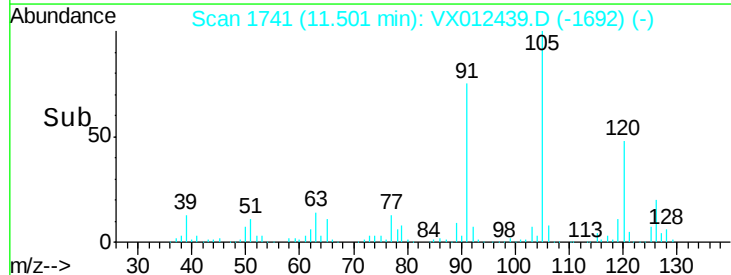
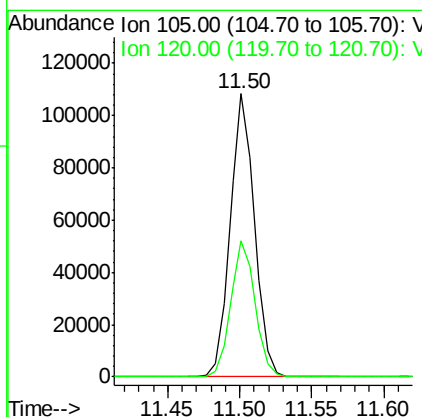
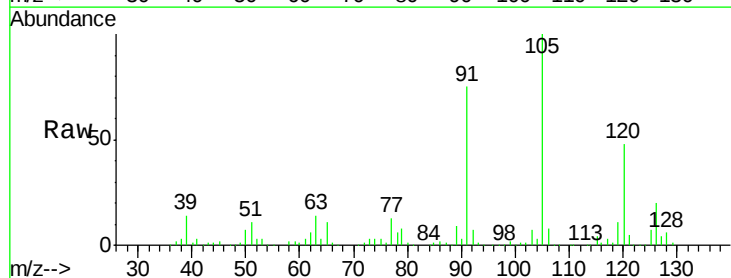
Manual Integrations
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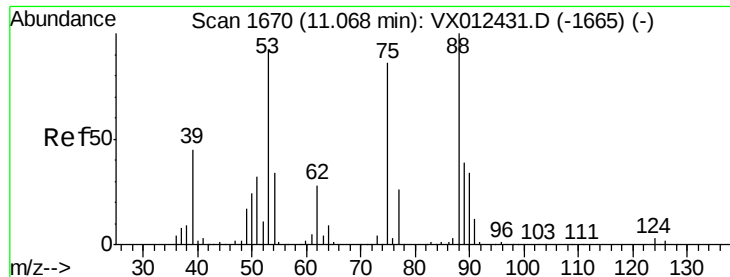
MMDadoda
 9/18/2019 11:20:35 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.220 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012439.D
 Acq: 17 Sep 2019 18:18

Tgt Ion: 105 Resp: 128487
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.952 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

Tot Ion: 75 Resp: 16795

Ion Ratio Lower Upper

75 100

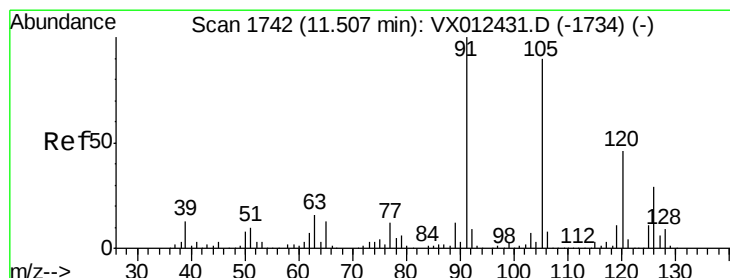
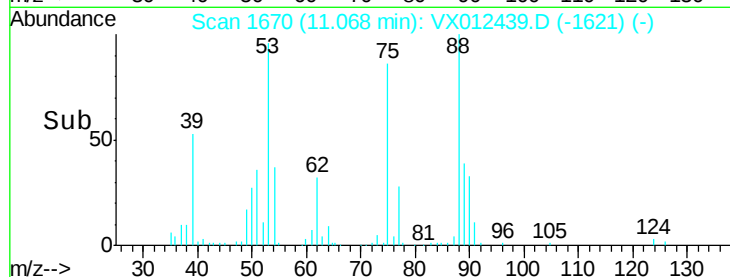
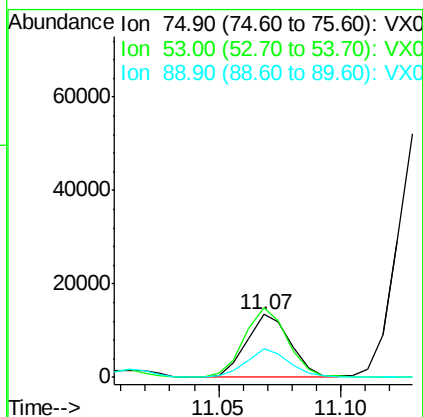
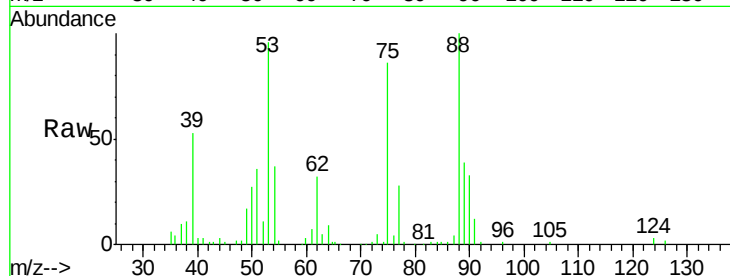
53 109.6 83.6 125.4

89 45.3 36.3 54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.861 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012439.D

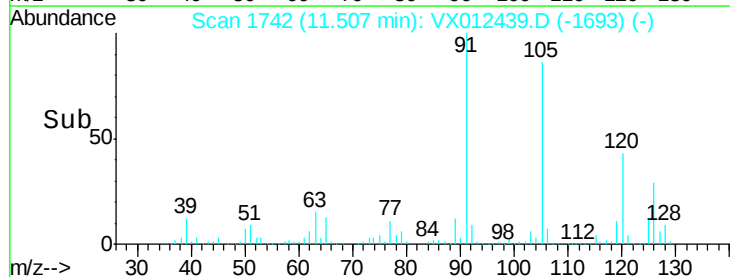
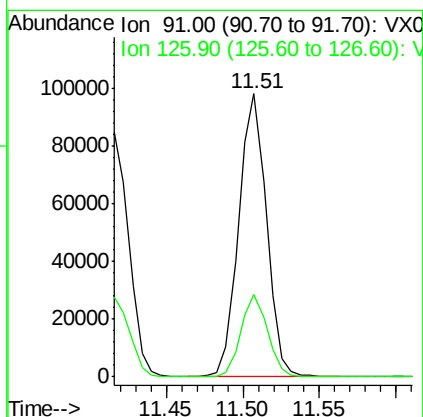
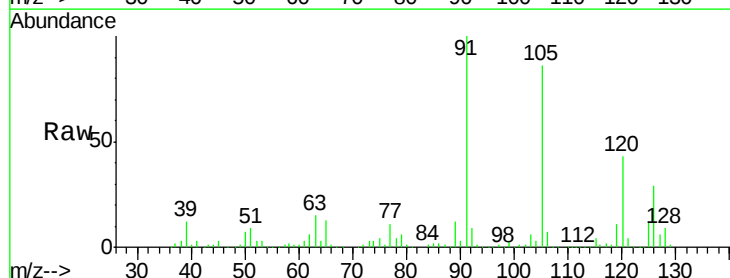
Acq: 17 Sep 2019 18:18

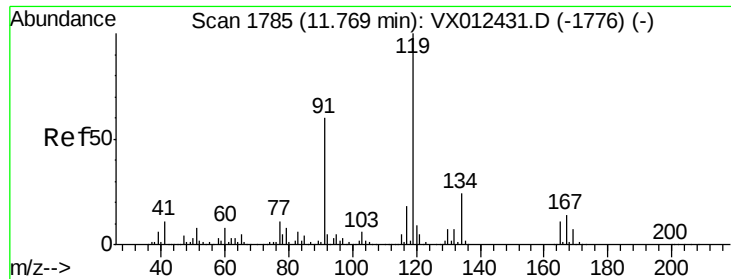
Tgt Ion: 91 Resp: 123145

Ion Ratio Lower Upper

91 100

126 28.1 14.4 43.0





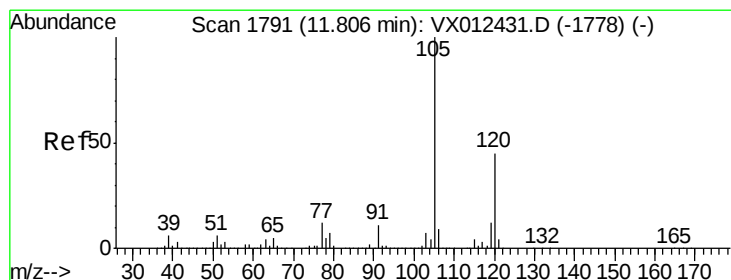
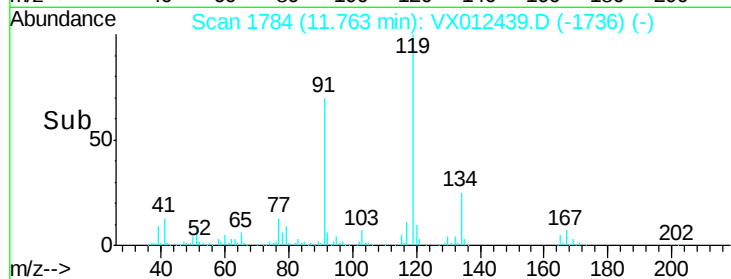
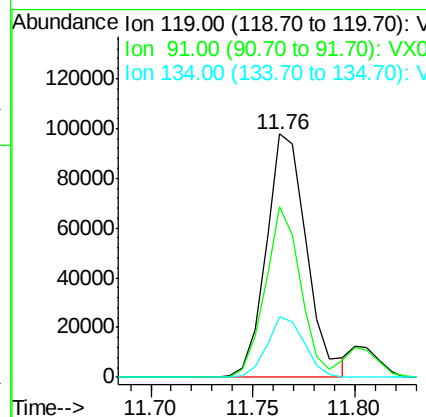
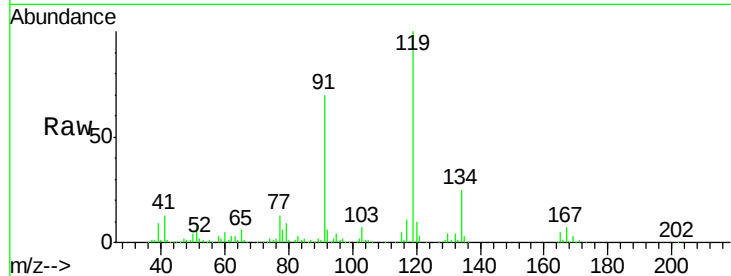
#83
tert-Butylbenzene
Concen: 19.798 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	134806		
91	61.8	30.0	90.0	
134	23.1	11.3	33.9	

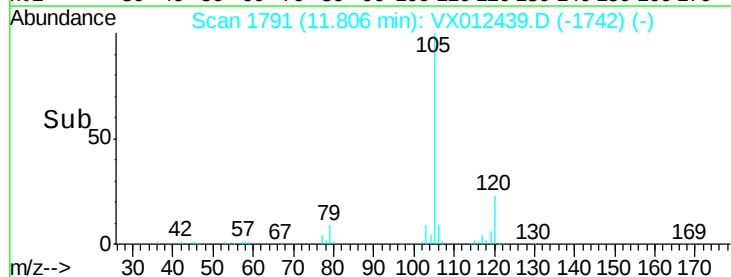
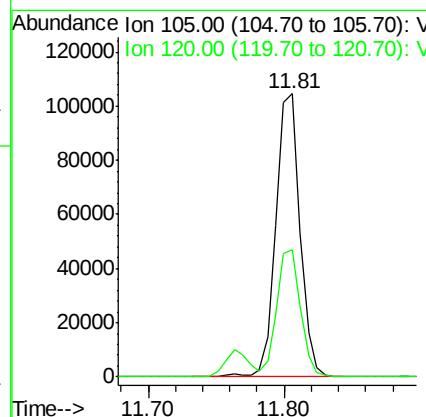
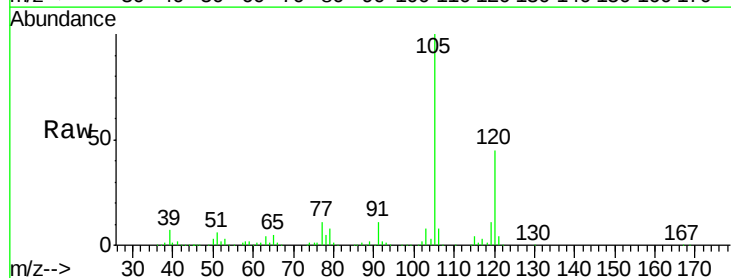
Manual Integrations
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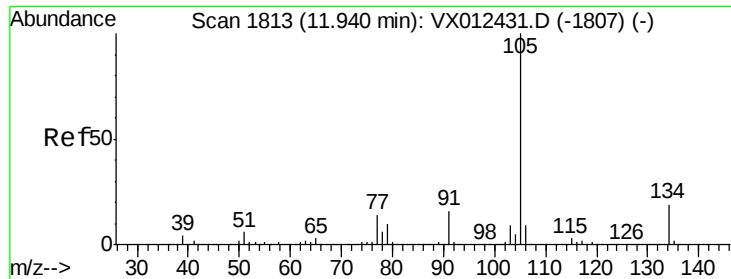
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.972 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	130304		
120	44.2	22.2	66.6	





#85

sec-Butylbenzene

Concen: 20.462 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBSD01

Tot Ion:105 Resp: 153526

Ion Ratio Lower Upper

105 100

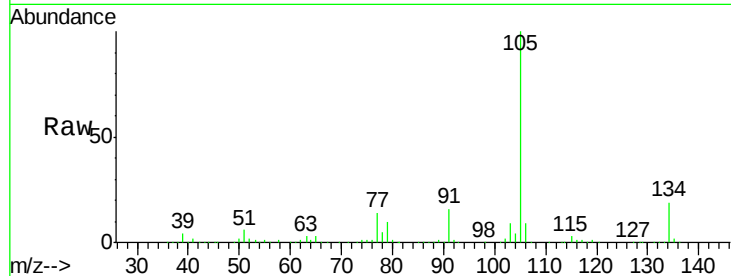
134 19.7 9.8 29.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

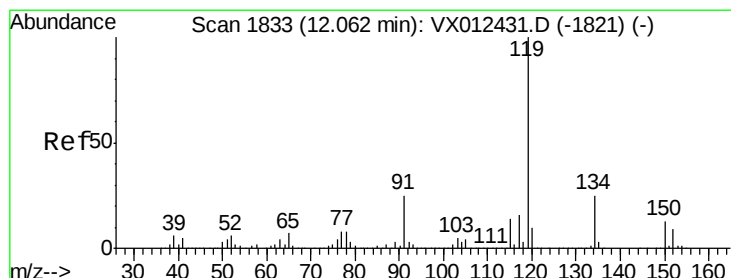
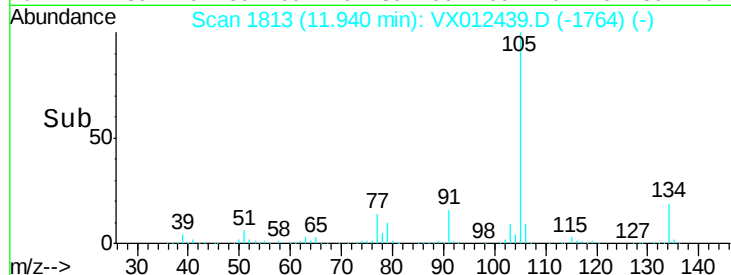
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.035 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012439.D

Acq: 17 Sep 2019 18:18

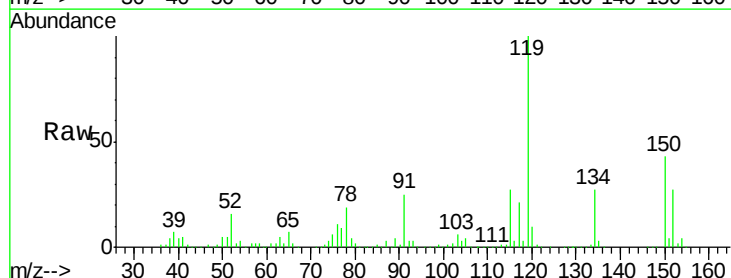
Tgt Ion:119 Resp: 138031

Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.1

91 26.6 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

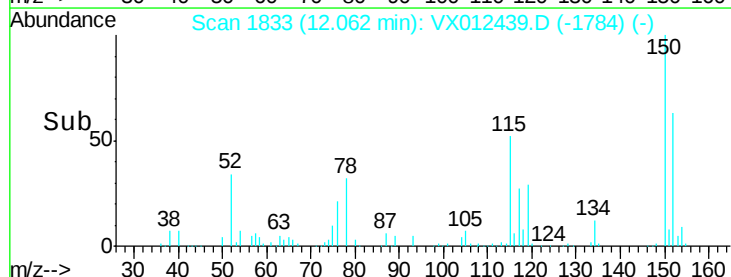
150000

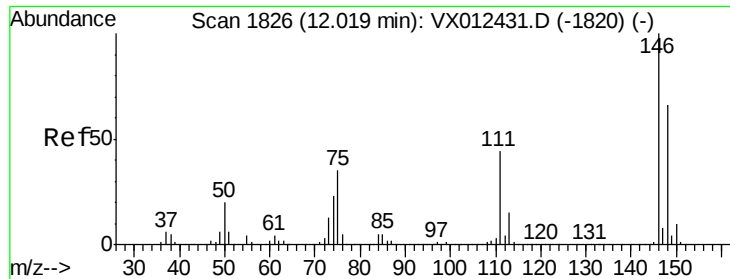
100000

50000

0

Time-->





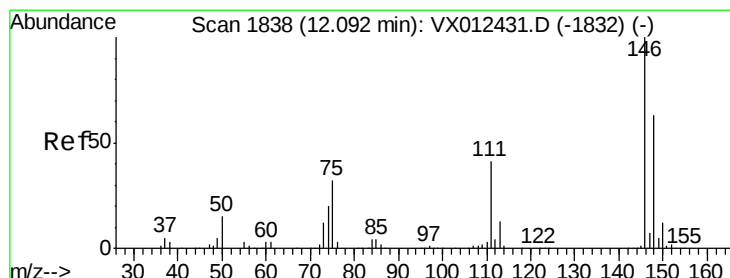
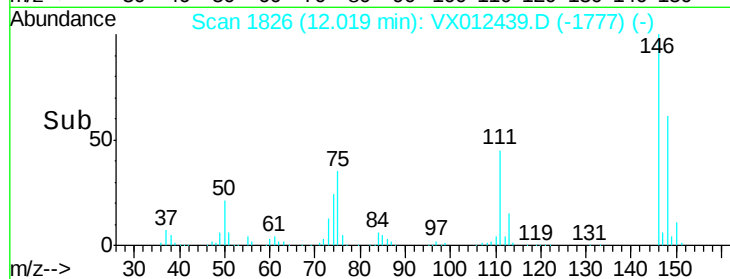
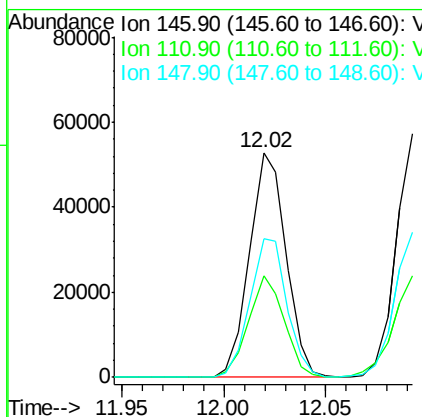
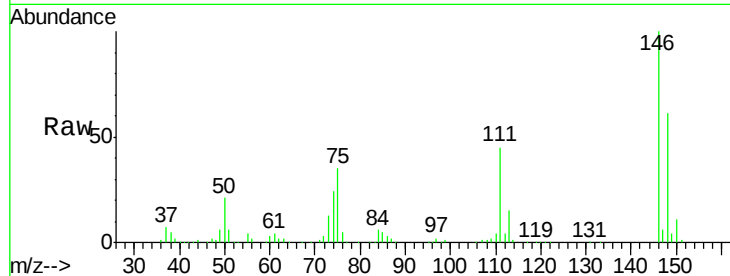
#87
 1,3-Dichlorobenzene
 Concen: 19.334 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012439.D
 Acq: 17 Sep 2019 18:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.3	64.0
148	62.8	32.4	97.2

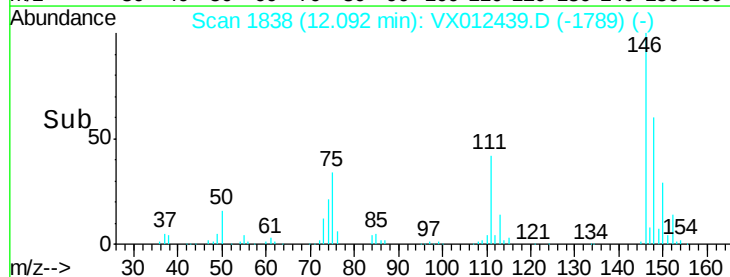
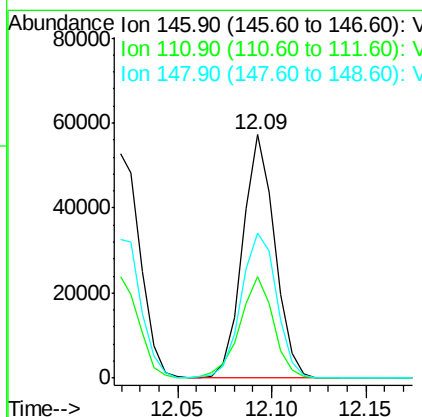
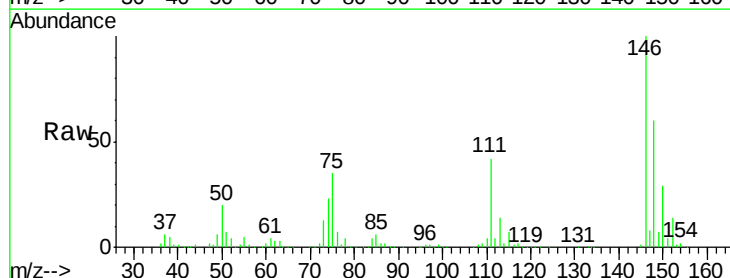
Manual Integrations
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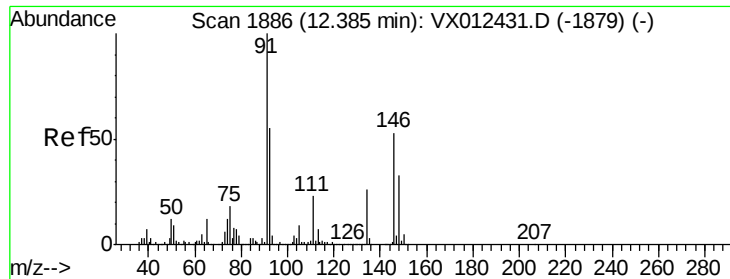
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#88
 1,4-Dichlorobenzene
 Concen: 19.378 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012439.D
 Acq: 17 Sep 2019 18:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.1	63.3
148	65.5	32.1	96.5





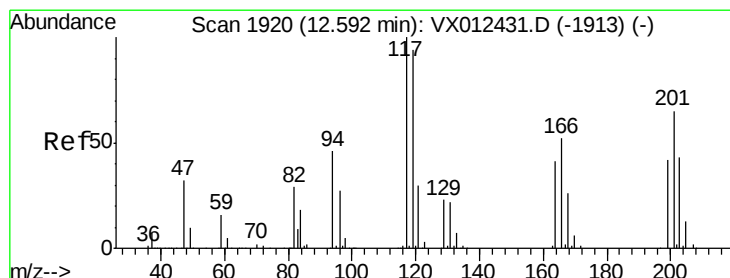
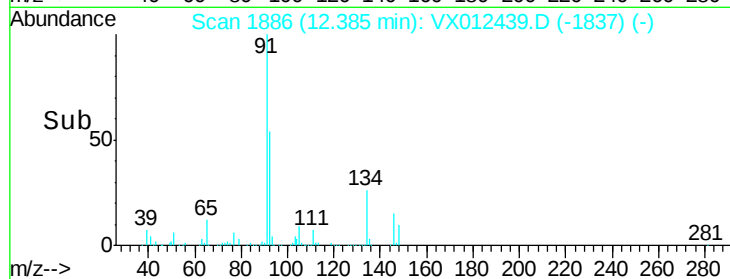
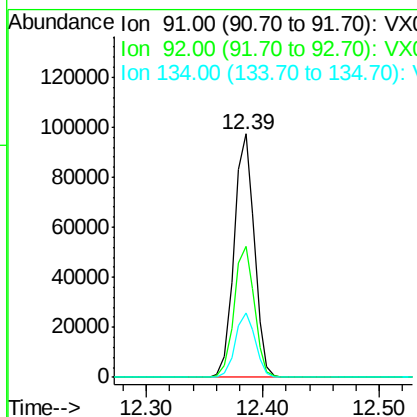
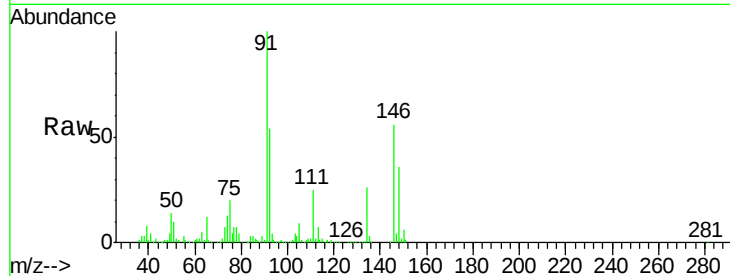
#89
n-Butylbenzene
Concen: 19.222 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.7	83.0
134	26.4	12.9	38.6

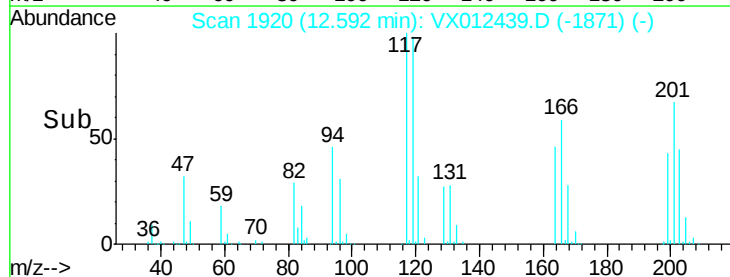
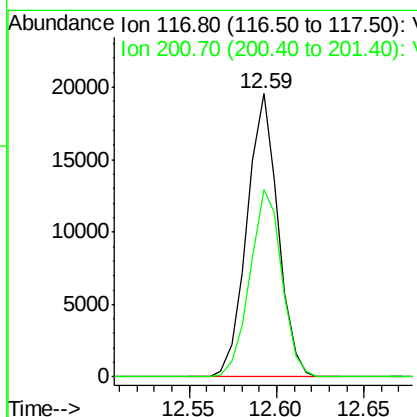
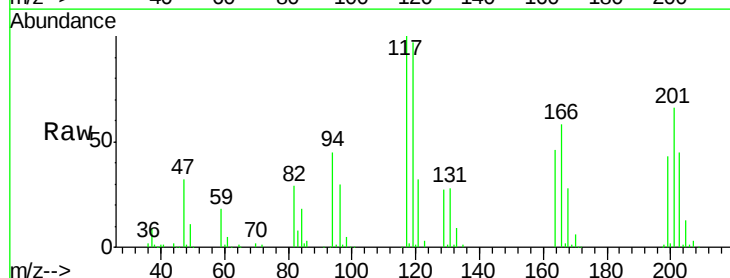
Manual Integrations
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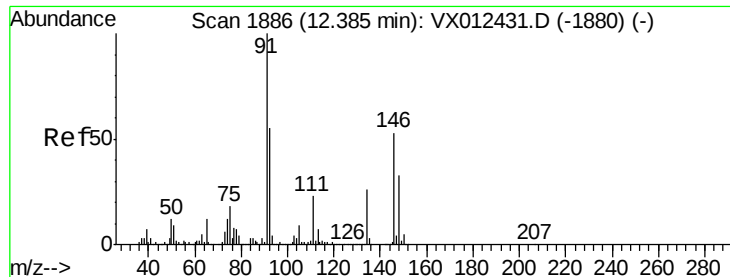
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#90
Hexachloroethane
Concen: 19.038 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.2	33.3	99.8





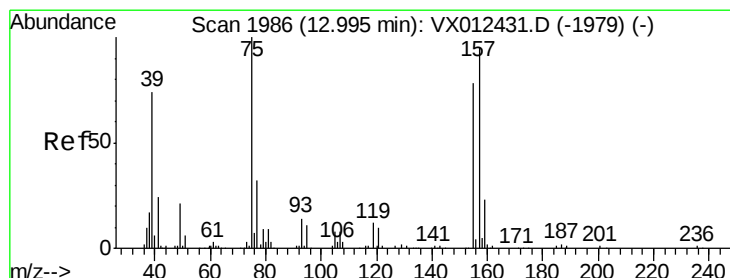
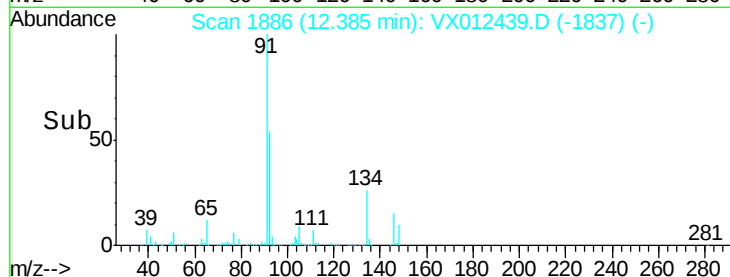
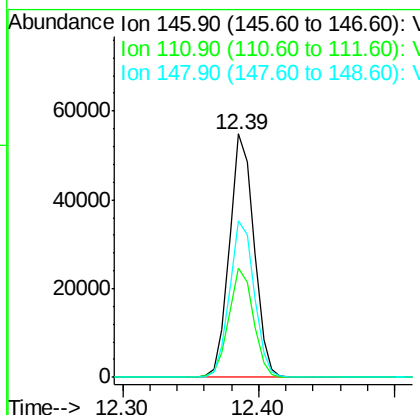
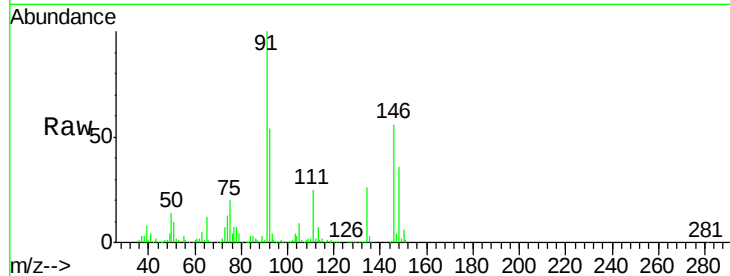
#91
 1,2-Dichlorobenzene
 Concen: 19.270 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012439.D
 Acq: 17 Sep 2019 18:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.1	66.1
148	65.1	31.3	93.9

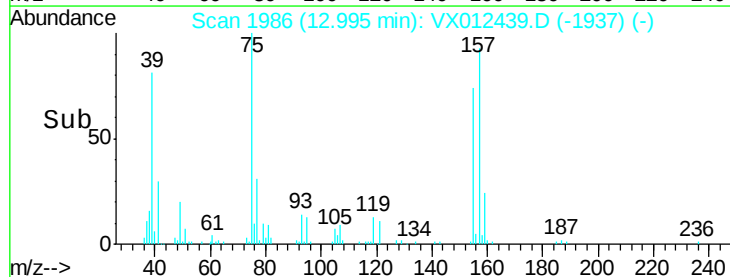
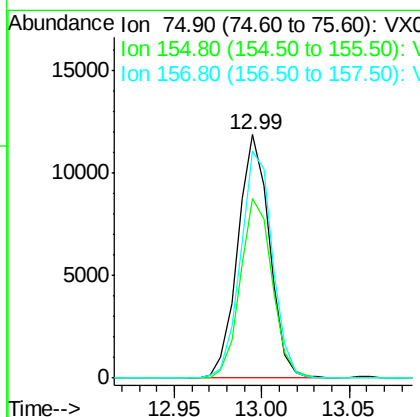
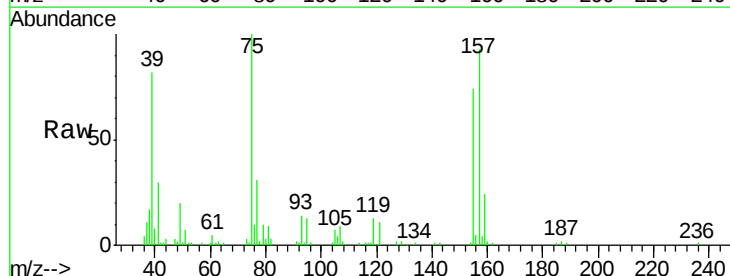
Manual Integrations
 APPROVED

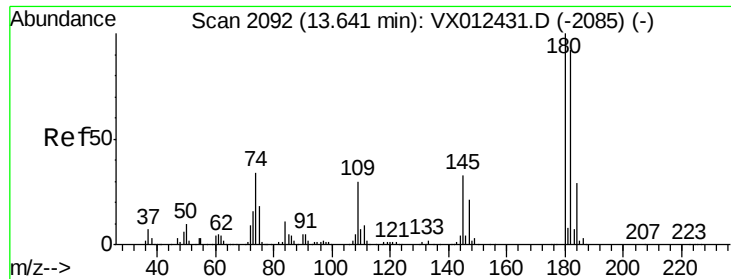
MMDadoda
 9/18/2019 11:20:35 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.723 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012439.D
 Acq: 17 Sep 2019 18:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.5	38.6	115.8
157	93.4	50.6	151.9





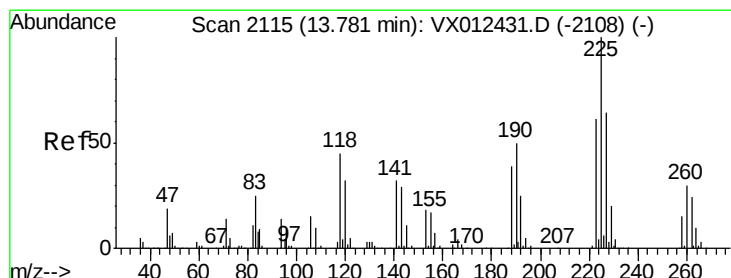
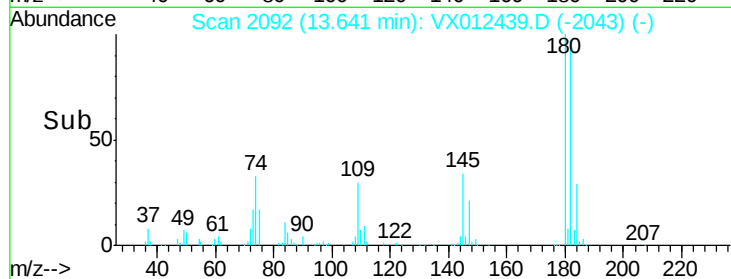
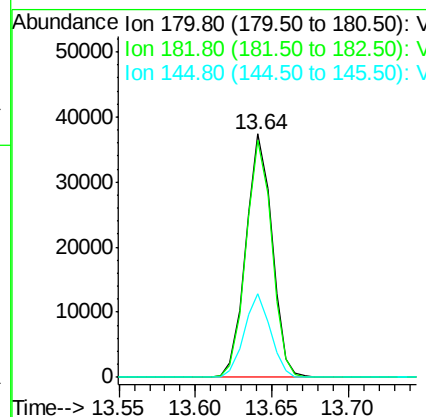
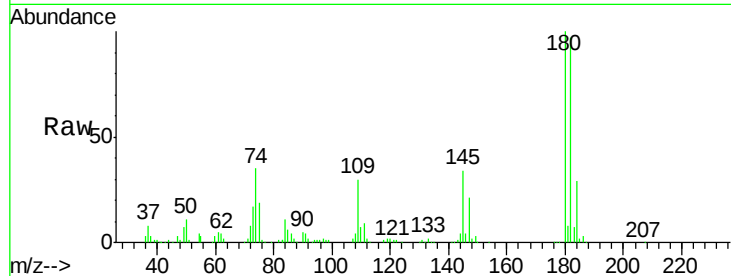
#93
 1,2,4-Trichlorobenzene
 Concen: 19.307 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012439.D
 Acq: 17 Sep 2019 18:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.0	141.0
145	34.4	16.8	50.4

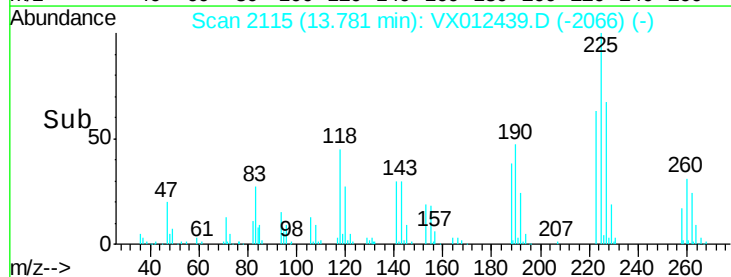
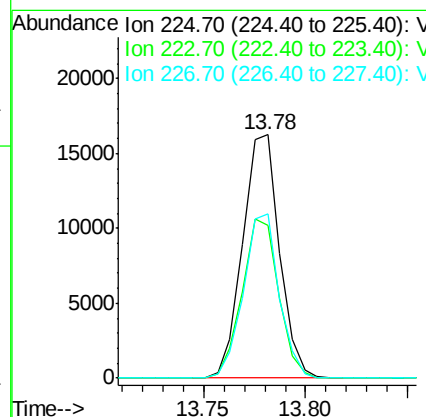
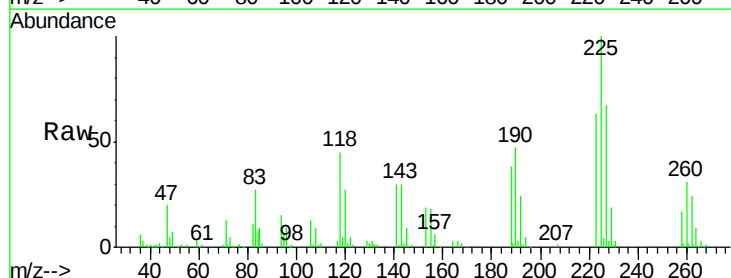
Manual Integrations
 APPROVED

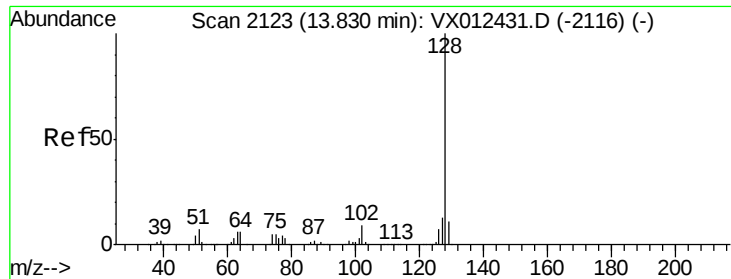
MMDadoda
 9/18/2019 11:20:35 AM



#94
 Hexachlorobutadiene
 Concen: 18.759 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012439.D
 Acq: 17 Sep 2019 18:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	32.0	96.2
227	65.2	31.9	95.5





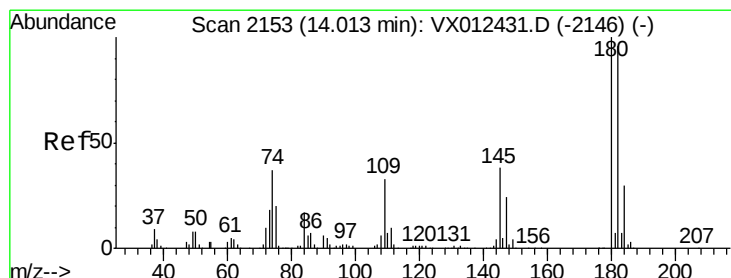
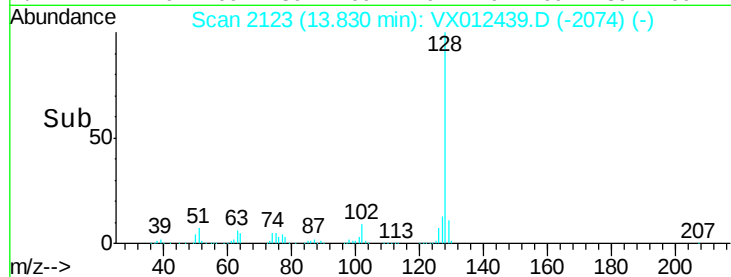
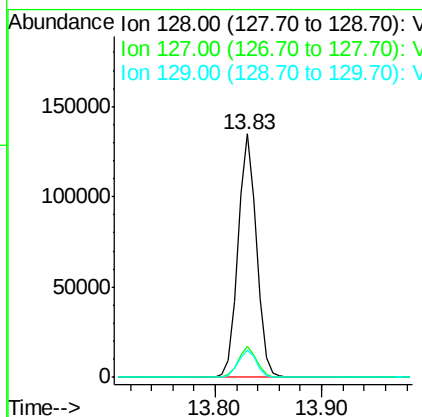
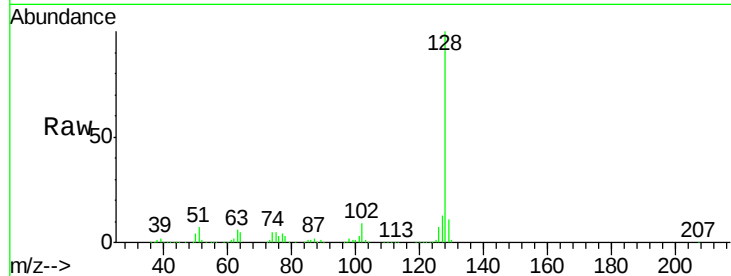
#95
Naphthalene
Concen: 20.008 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.1	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/18/2019 11:20:35 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.492 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012439.D
Acq: 17 Sep 2019 18:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.1	141.3
145	36.9	18.0	54.0

