

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011448.D
 Acq On : 11 Aug 2019 22:51
 Operator : JC/SP
 Sample : VX0811WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 10:29:59 AM

Quant Time: Aug 12 08:17:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	167271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	250377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123794	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	95703	56.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.62%	
35) Dibromofluoromethane	5.49	113	82885	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	8.71	98	311894	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	11.13	95	112989	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	24021	18.593	ug/l	97
3) Chloromethane	1.32	50	25459	17.549	ug/l	98
4) Vinyl Chloride	1.40	62	28525	17.875	ug/l	95
5) Bromomethane	1.63	94	20975	18.429	ug/l	99
6) Chloroethane	1.71	64	19227	17.773	ug/l	98
7) Trichlorofluoromethane	1.92	101	52354	18.451	ug/l	99
8) Diethyl Ether	2.18	74	18194	17.957	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	29967	19.519	ug/l	97
10) Methyl Iodide	2.50	142	32277	16.675	ug/l	99
11) Tert butyl alcohol	3.04	59	40654	121.040	ug/l	100
12) 1,1-Dichloroethene	2.37	96	27963	18.374	ug/l	91
13) Acrolein	2.29	56	9173	43.594	ug/l	94
14) Allyl chloride	2.72	41	40738	20.079	ug/l	94
15) Acrylonitrile	3.14	53	83742	104.471	ug/l	97
16) Acetone	2.43	43	74495	92.911	ug/l	94
17) Carbon Disulfide	2.56	76	60668	16.987	ug/l	100
18) Methyl Acetate	2.76	43	42216	23.040	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	94080	20.977	ug/l	97
20) Methylene Chloride	2.85	84	33761	19.226	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	30521	18.958	ug/l	95
22) Diisopropyl ether	3.85	45	93238	20.909	ug/l	98
23) Vinyl Acetate	3.81	43	386964	104.628	ug/l	99
24) 1,1-Dichloroethane	3.69	63	53185	20.227	ug/l	98
25) 2-Butanone	4.66	43	117607	103.114	ug/l	96
26) 2,2-Dichloropropane	4.57	77	30438	14.892	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	35936	19.380	ug/l	99
28) Bromochloromethane	5.01	49	26950	22.483	ug/l	92
29) Tetrahydrofuran	5.12	42	73777	105.497	ug/l	99
30) Chloroform	5.20	83	59147	20.697	ug/l	98
31) Cyclohexane	5.58	56	41747	19.244	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	50943	20.809	ug/l	98
36) 1,1-Dichloropropene	5.79	75	41843	19.141	ug/l	98
37) Ethyl Acetate	4.83	43	44242	20.177	ug/l	98
38) Carbon Tetrachloride	5.78	117	44247	20.119	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	45290	17.479	ug/l	97
40) Benzene	6.13	78	127101	19.484	ug/l	99
41) Methacrylonitrile	5.04	41	24225	20.229	ug/l	96
42) 1,2-Dichloroethane	6.18	62	48151	21.829	ug/l	98
43) Isopropyl Acetate	6.44	43	69725	19.889	ug/l	99
44) Trichloroethene	7.21	130	36262	18.365	ug/l	96
45) 1,2-Dichloropropane	7.51	63	32466	19.217	ug/l	94
46) Dibromomethane	7.66	93	24384	19.771	ug/l	95
47) Bromodichloromethane	7.90	83	42295	20.256	ug/l	98
48) Methyl methacrylate	7.76	41	35498	21.516	ug/l	94
49) 1,4-Dioxane	7.74	88	18132	379.093	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	238741	105.524	ug/l	99
52) Toluene	8.78	92	83662	19.398	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	41003	18.743	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	45551	18.675	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	35369	19.945	ug/l	99
56) Ethyl methacrylate	9.18	69	49897	19.745	ug/l	97
57) 1,3-Dichloropropane	9.37	76	55365	19.742	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	125758	101.211	ug/l	100
59) 2-Hexanone	9.49	43	184980	105.558	ug/l	97
60) Dibromochloromethane	9.58	129	35973	19.814	ug/l	99
61) 1,2-Dibromoethane	9.67	107	37122	19.376	ug/l	99
64) Tetrachloroethene	9.34	164	36604	18.676	ug/l	97
65) Chlorobenzene	10.13	112	94610	19.119	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	34203	20.189	ug/l	99
67) Ethyl Benzene	10.25	91	161652	19.506	ug/l	100
68) m/p-Xylenes	10.35	106	126299	39.400	ug/l	97
69) o-Xylene	10.69	106	61098	19.399	ug/l	98
70) Styrene	10.71	104	102798	19.726	ug/l	98
71) Bromoform	10.85	173	26035	19.049	ug/l #	99
73) Isopropylbenzene	11.02	105	163706	19.335	ug/l	100
74) N-amyl acetate	10.90	43	62564	20.451	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	55939	19.826	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	47865m	21.231	ug/l	
77) Bromobenzene	11.25	156	45464	19.365	ug/l	97
78) n-propylbenzene	11.35	91	182153	19.346	ug/l	99
79) 2-Chlorotoluene	11.42	91	109523	19.516	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	136509	19.261	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	12420	17.907	ug/l	88
82) 4-Chlorotoluene	11.51	91	127674	19.521	ug/l	97
83) tert-Butylbenzene	11.77	119	133624	19.223	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	138883	19.682	ug/l	100
85) sec-Butylbenzene	11.94	105	159082	19.048	ug/l	100
86) p-Isopropyltoluene	12.06	119	147024	19.136	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	79502	19.165	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	79491	18.583	ug/l	97
89) n-Butylbenzene	12.38	91	121503	18.356	ug/l	98
90) Hexachloroethane	12.59	117	21513	18.939	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	80202	19.242	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11828	21.638	ug/l	90

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VX0811WBS02

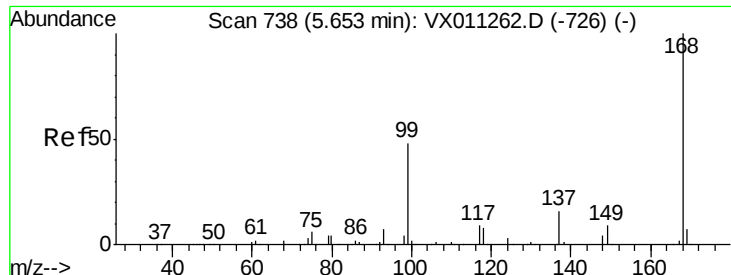
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	52571	19.019	ug/l	97
94) Hexachlorobutadiene	13.78	225	25888	18.460	ug/l	99
95) Naphthalene	13.83	128	160742	19.885	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	53941	19.195	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS02

Tot Ion:168 Resp: 167271

Ion Ratio Lower Upper

168 100

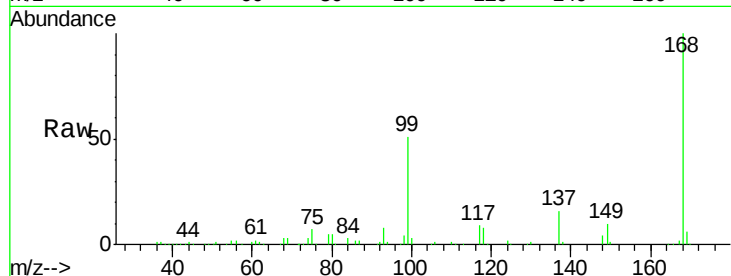
99 51.0 38.5 57.7

Manual Integrations

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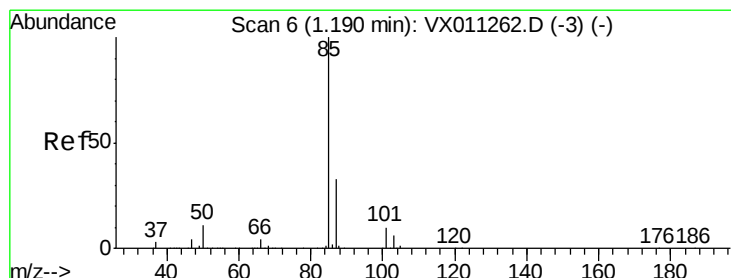
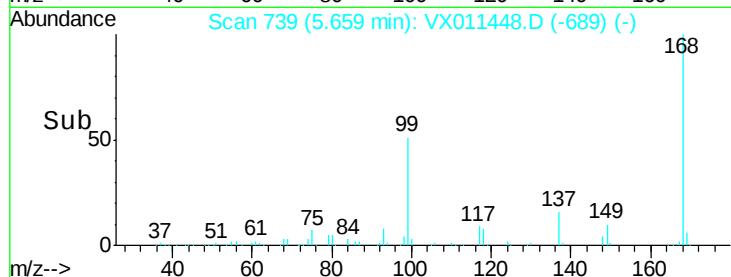
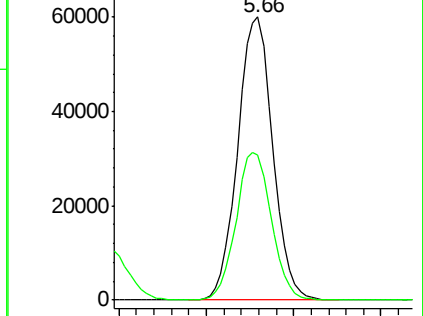
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.593 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011448.D

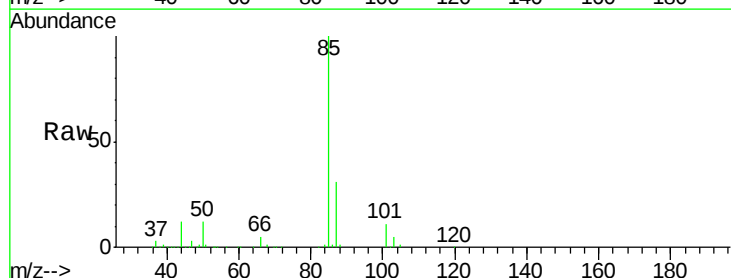
Acq: 11 Aug 2019 22:51

Tgt Ion: 85 Resp: 24021

Ion Ratio Lower Upper

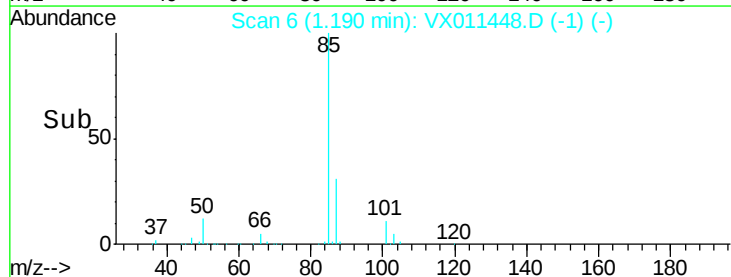
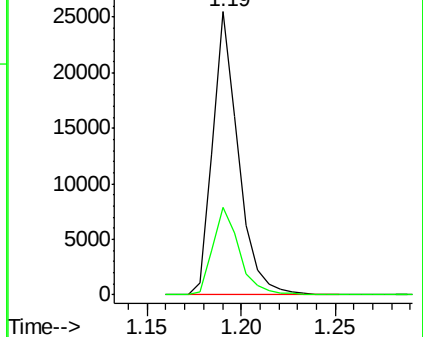
85 100

87 31.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.549 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS02

Tot Ion: 50 Resp: 25459

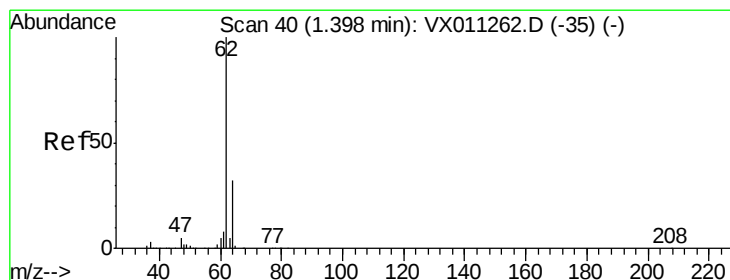
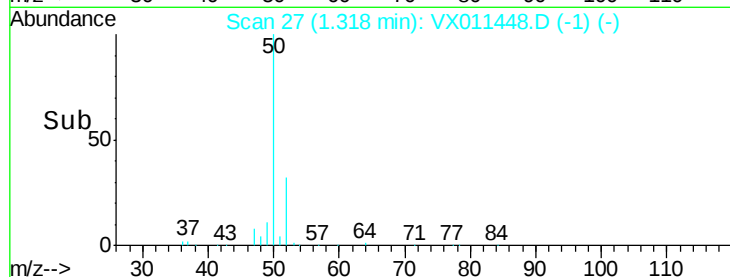
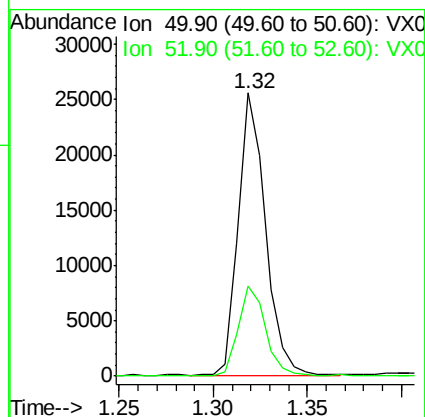
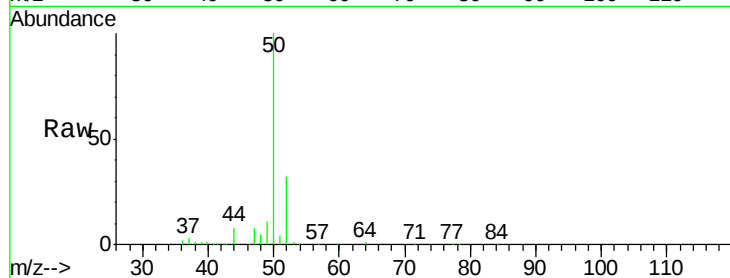
Ion Ratio Lower Upper

50 100

52 31.8 26.4 39.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.875 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011448.D

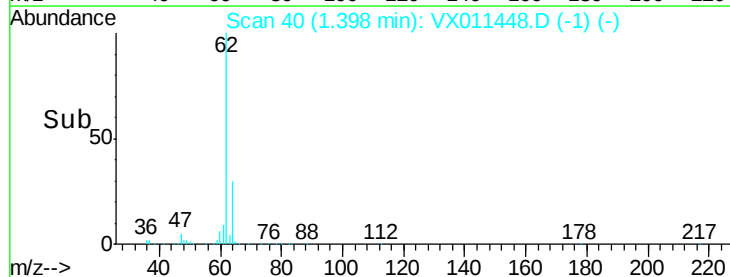
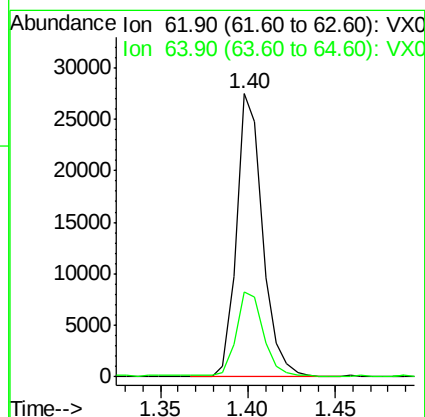
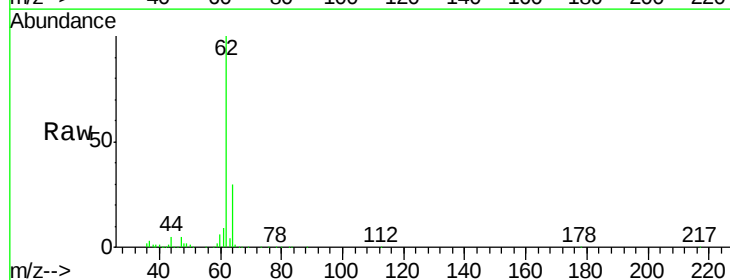
Acq: 11 Aug 2019 22:51

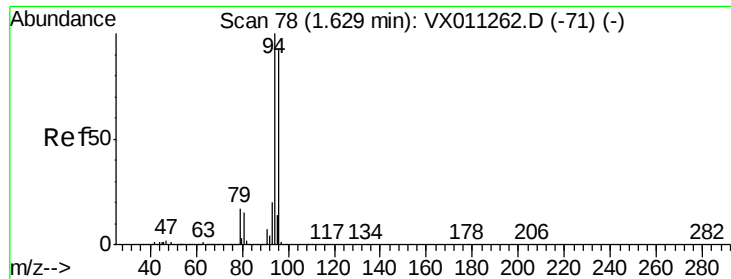
Tgt Ion: 62 Resp: 28525

Ion Ratio Lower Upper

62 100

64 29.8 26.0 39.0





#5

Bromomethane

Concen: 18.429 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

ClientSampled :

VX0811WBS02

Tot Ion: 94 Resp: 20975

Ion Ratio Lower Upper

94 100

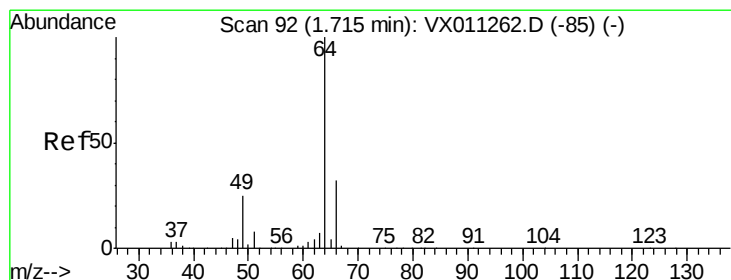
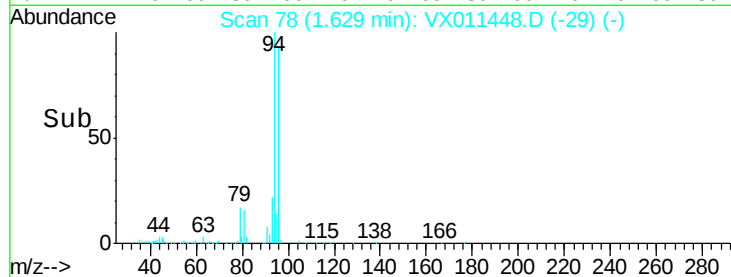
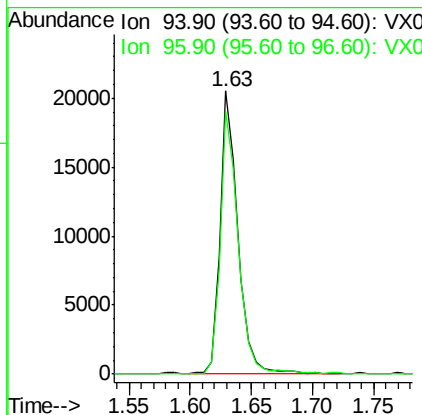
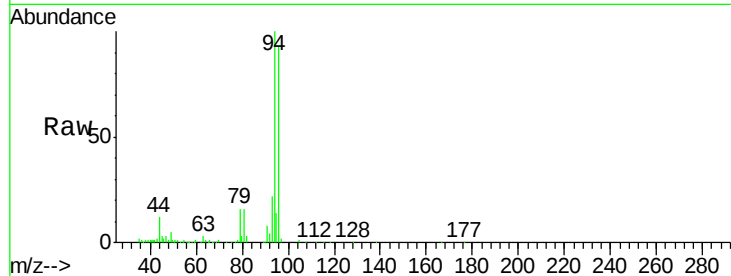
96 92.7 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 17.773 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011448.D

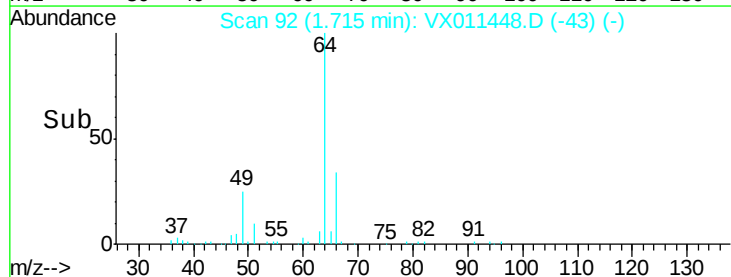
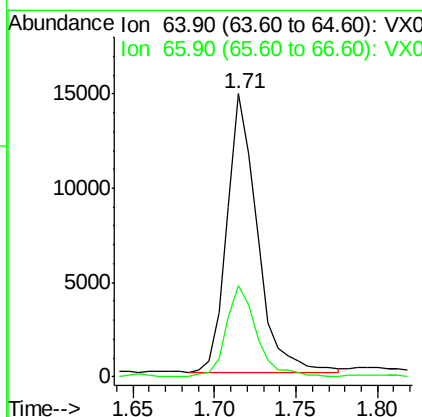
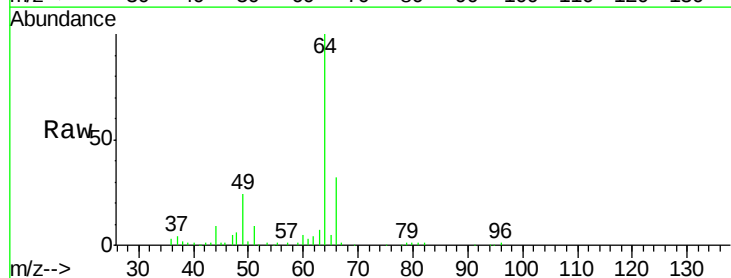
Acq: 11 Aug 2019 22:51

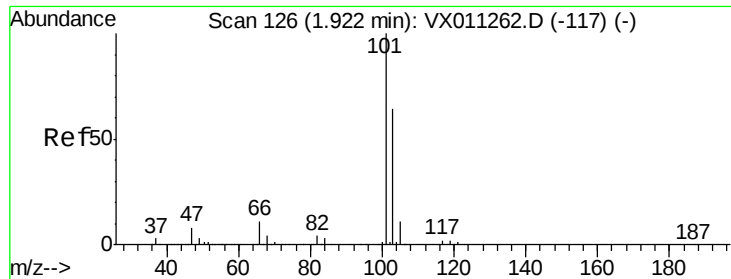
Tgt Ion: 64 Resp: 19227

Ion Ratio Lower Upper

64 100

66 32.5 25.1 37.7





#7

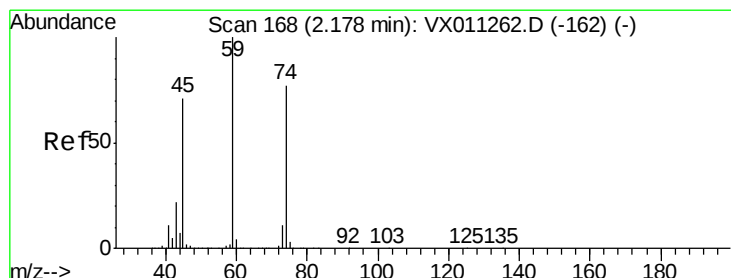
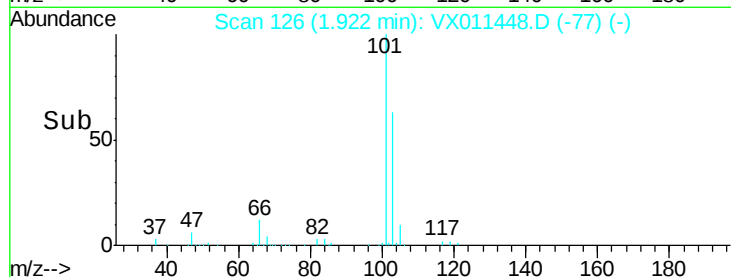
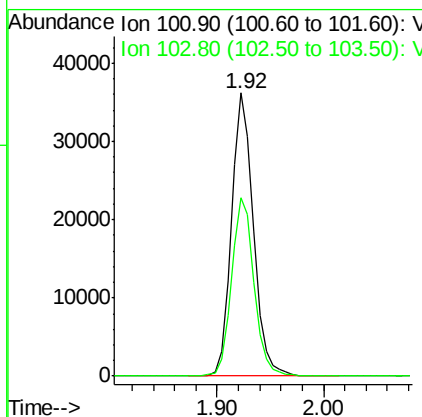
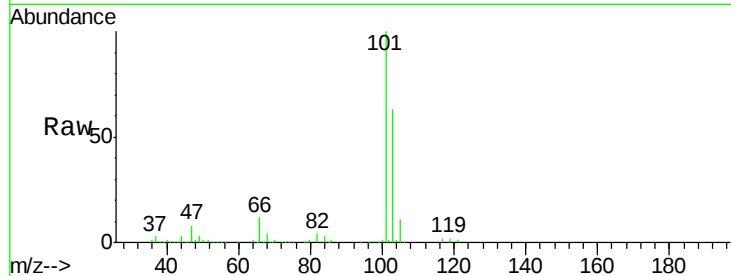
Trichlorofluoromethane
Concen: 18.451 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

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ClientSampleId :
VX0811WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	50.9	76.3

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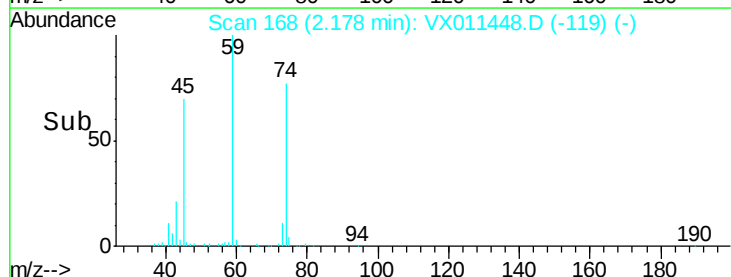
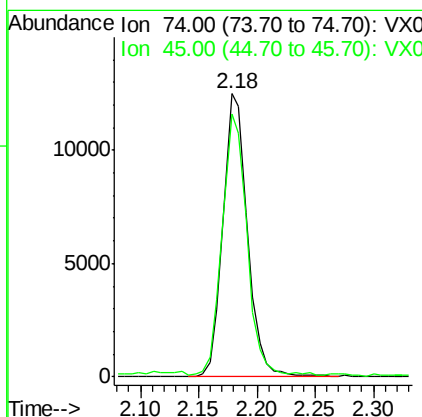
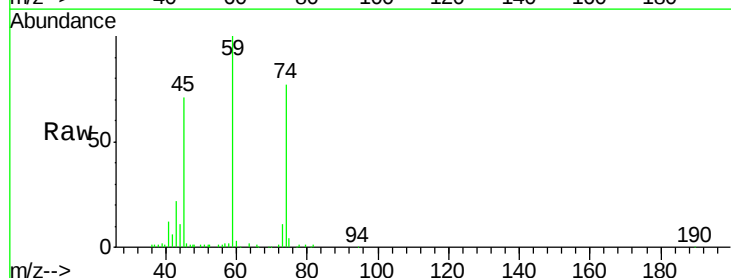
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8/12/2019 10:29:59 AM



#8

Diethyl Ether
Concen: 17.957 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.0	46.1	138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.519 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

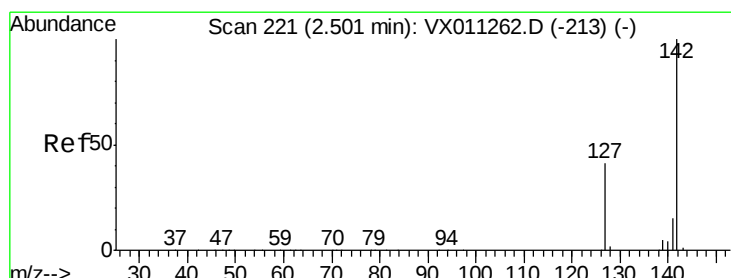
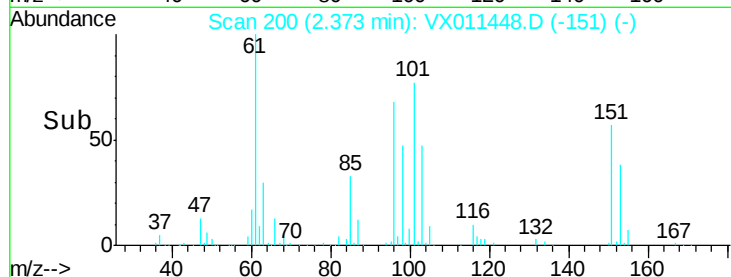
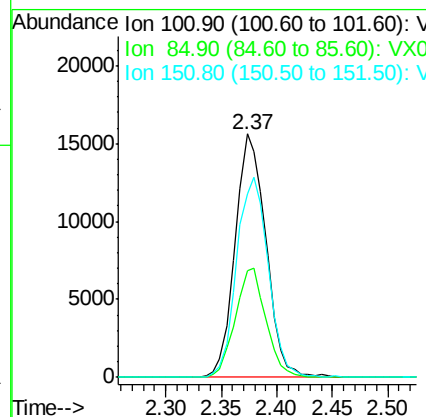
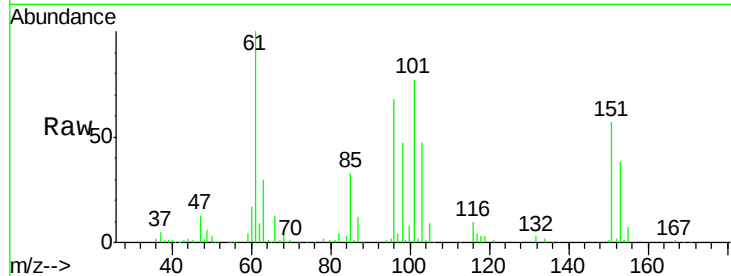
ClientSampleId :

VX0811WBS02

Tot Ion:	101	Resp:	29967
Ion Ratio	Lower	Upper	
101	100		
85	44.4	33.8	50.6
151	84.3	69.5	104.3

Manual Integrations
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#10

Methyl Iodide

Concen: 16.675 ug/l

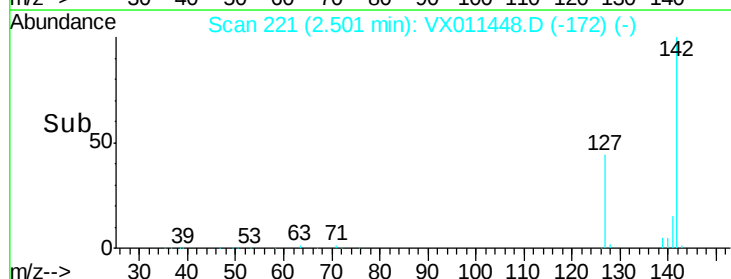
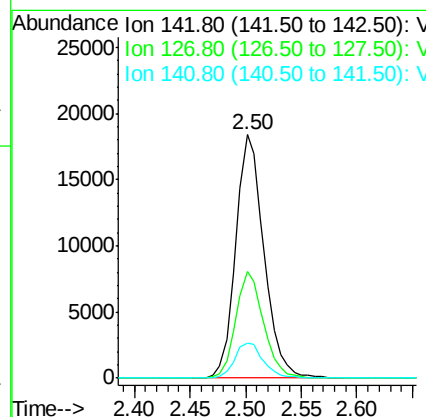
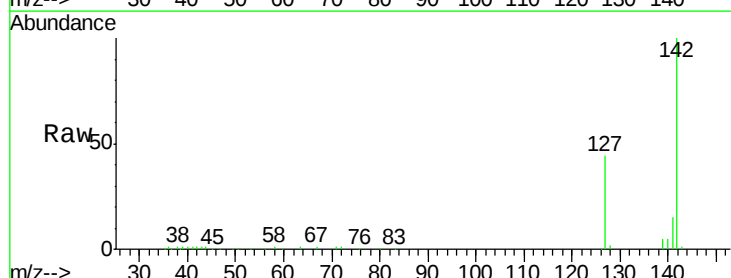
RT: 2.50 min Scan# 221

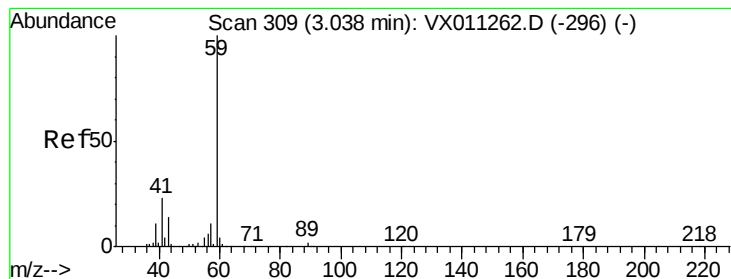
Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Tgt Ion:	142	Resp:	32277
Ion Ratio	Lower	Upper	
142	100		
127	43.2	33.8	50.8
141	14.7	11.4	17.2





#11

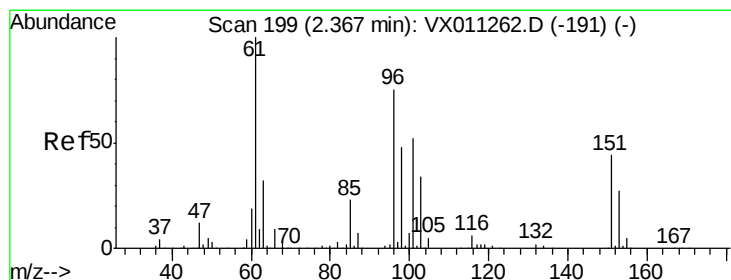
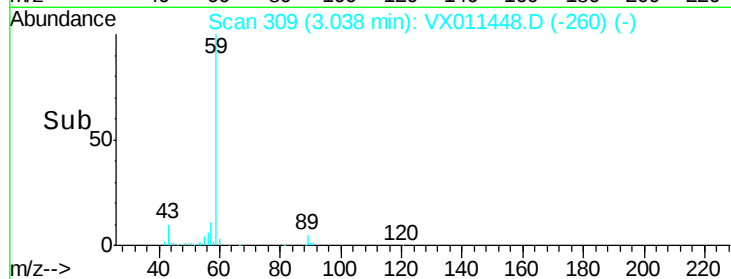
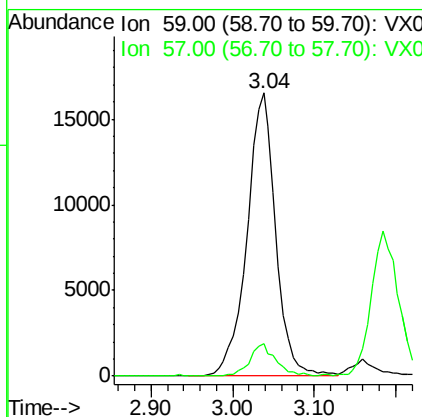
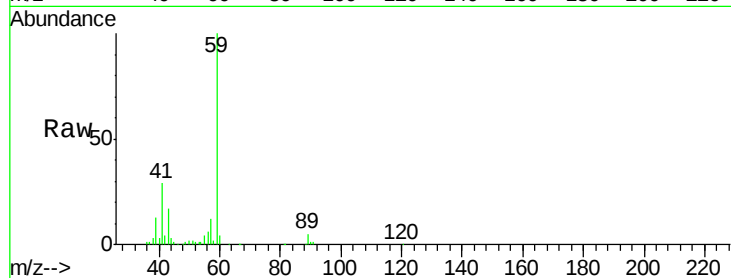
Tert butyl alcohol
 Concen: 121.040 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: VX011448.D
 Acq: 11 Aug 2019 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

Manual Integrations
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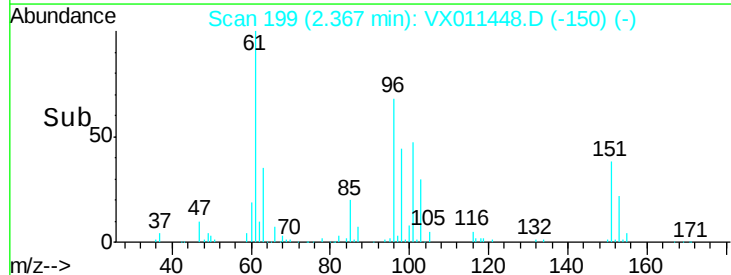
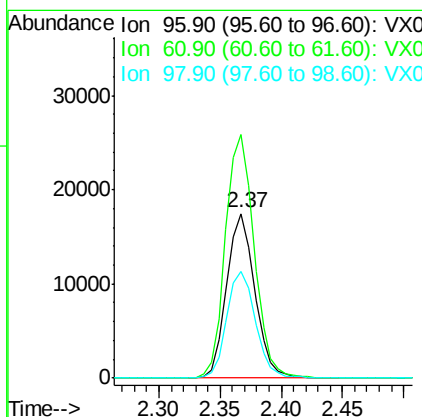
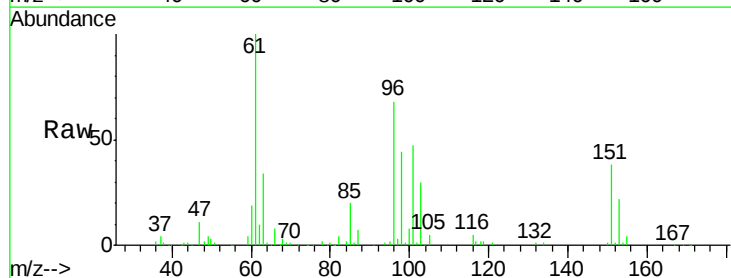
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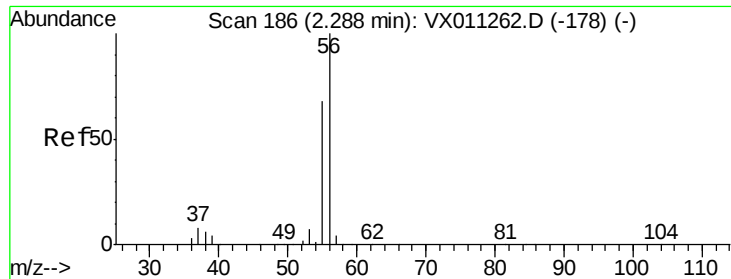


#12

1,1-Dichloroethene
 Concen: 18.374 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX011448.D
 Acq: 11 Aug 2019 22:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.4	106.2	159.2
98	64.6	50.6	75.8





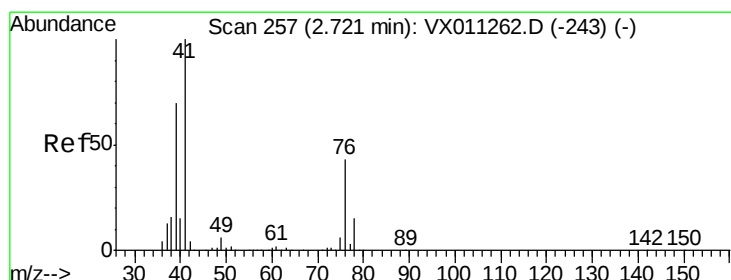
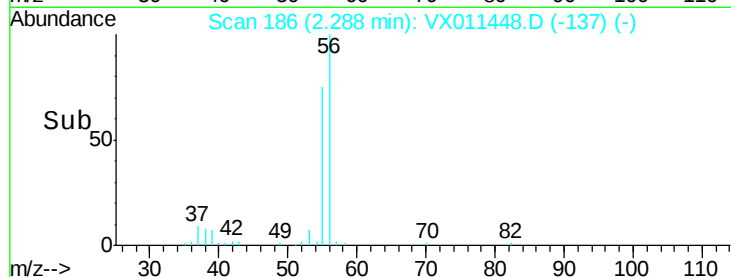
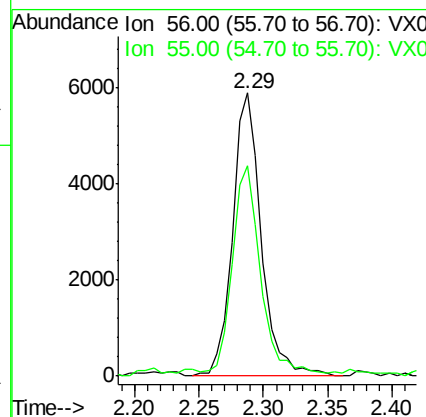
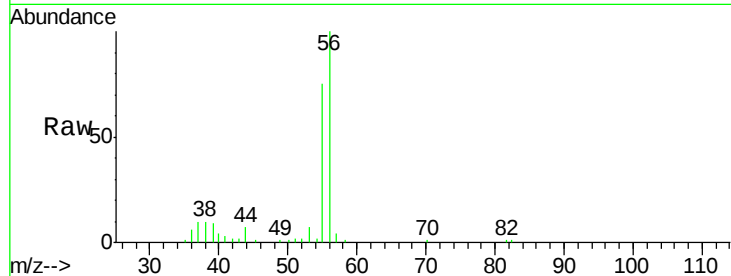
#13
Acrolein
Concen: 43.594 ug/l
RT: 2.29 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS02

Tot Ion	56	55	Ratio	Lower	Upper
9173	100	74.6		56.0	84.0

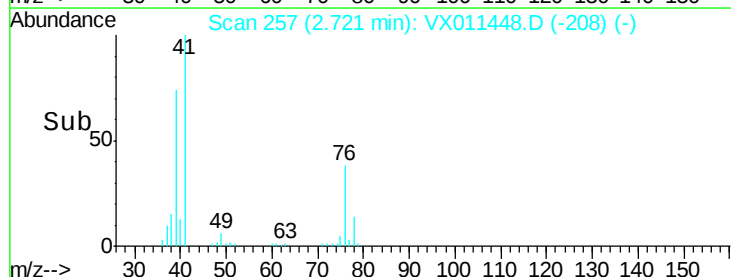
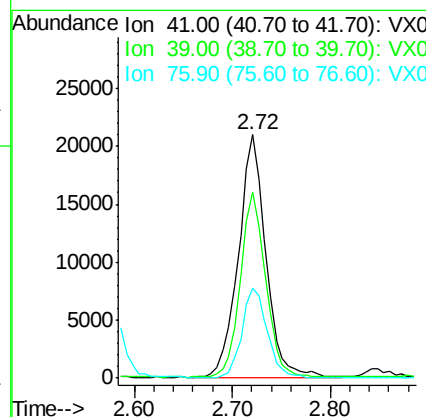
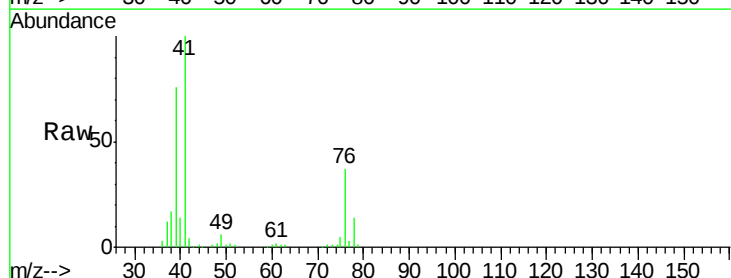
Manual Integrations
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#14
Allyl chloride
Concen: 20.079 ug/l
RT: 2.72 min Scan# 257
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Tgt Ion	41	39	76	Ratio	Lower	Upper
40738	100	70.3	34.2		52.8	79.2
					31.1	46.7





#15

Acrylonitrile

Concen: 104.471 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

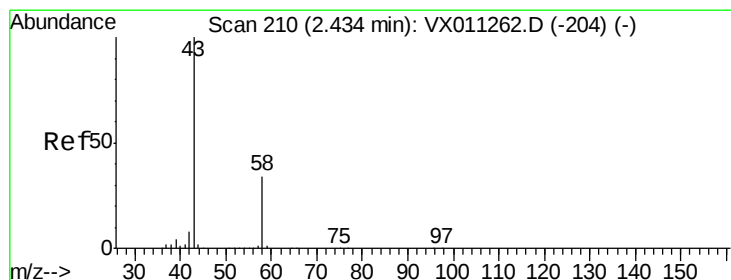
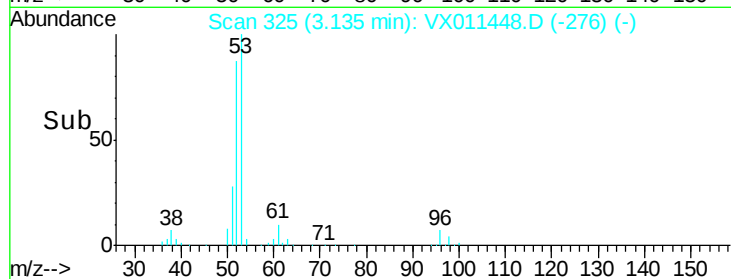
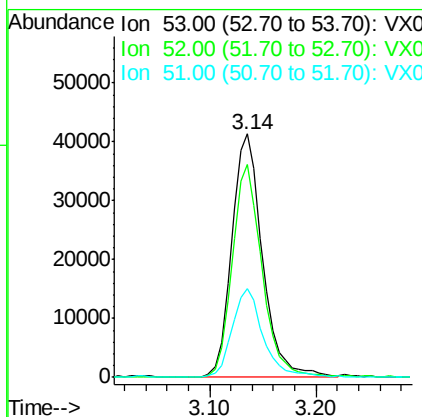
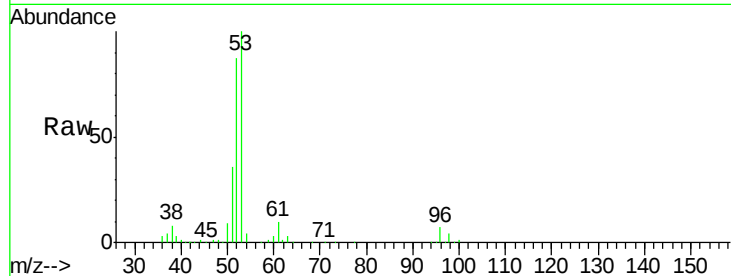
ClientSampleId :

VX0811WBS02

Tot Ion:	53	Resp:	83742
Ion Ratio	Lower	Upper	
53	100		
52	85.0	65.5	98.3
51	36.4	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 92.911 ug/l

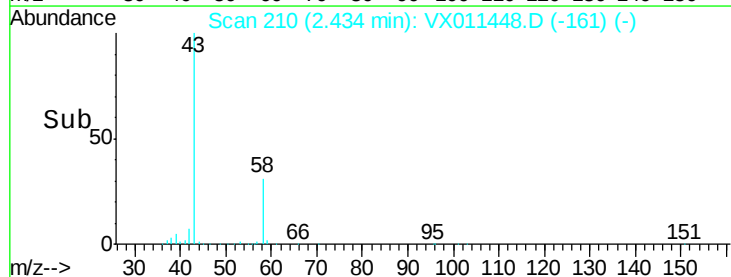
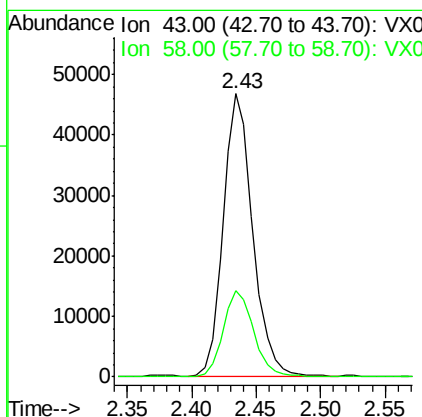
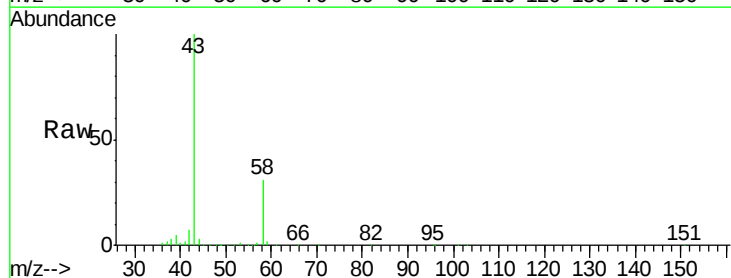
RT: 2.43 min Scan# 210

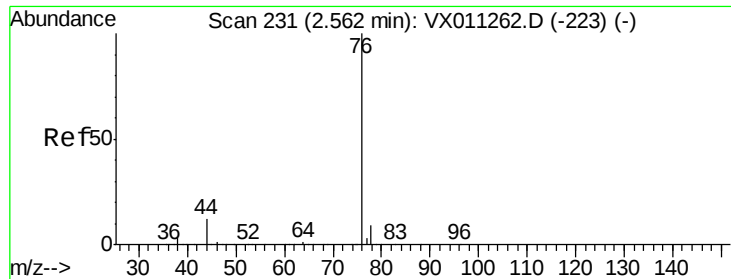
Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Tgt Ion:	43	Resp:	74495
Ion Ratio	Lower	Upper	
43	100		
58	30.6	27.4	41.0





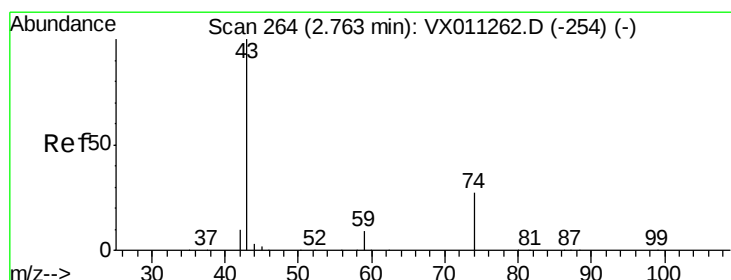
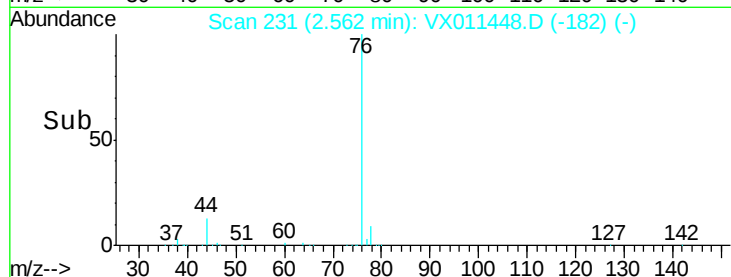
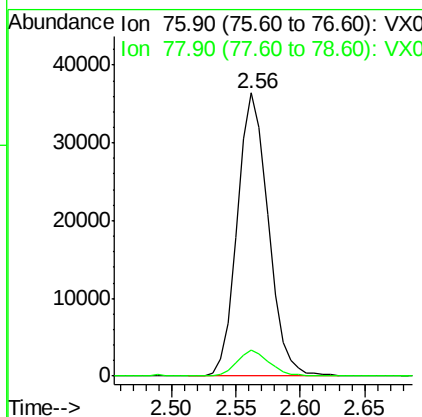
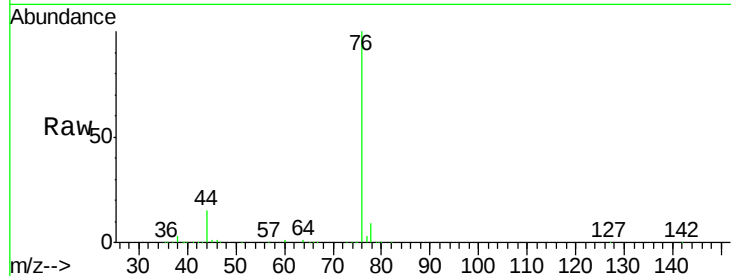
#17
Carbon Disulfide
Concen: 16.987 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Instrument :
MSVOA_X
ClientSampled :
VX0811WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

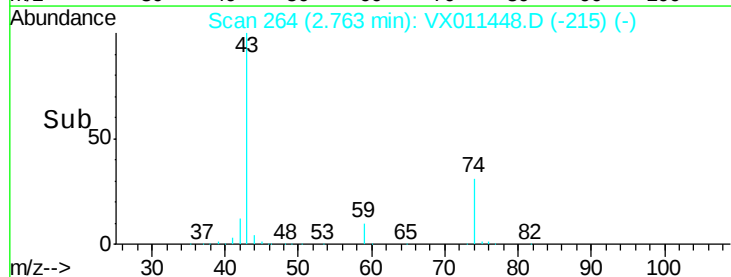
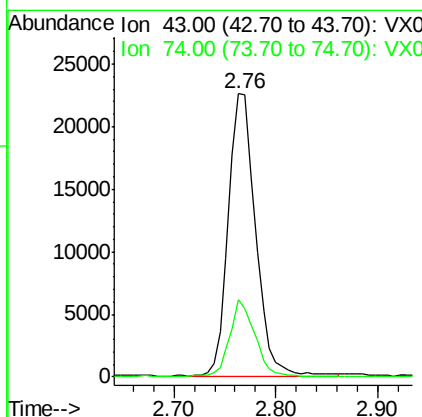
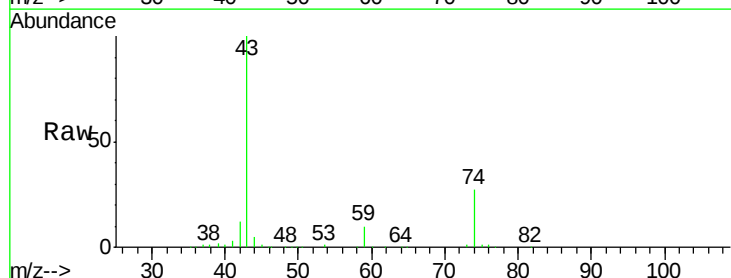
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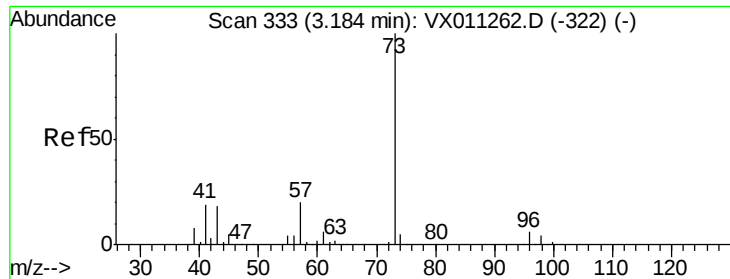
MMDadoda
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#18
Methyl Acetate
Concen: 23.040 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	21.0	31.6





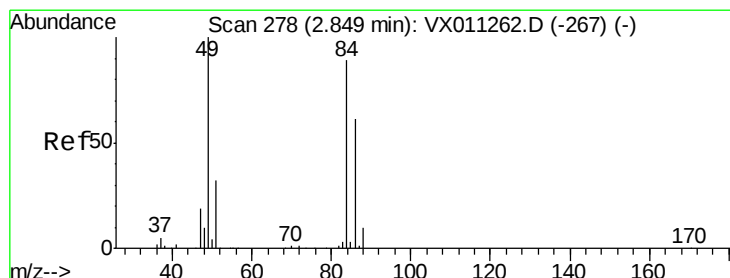
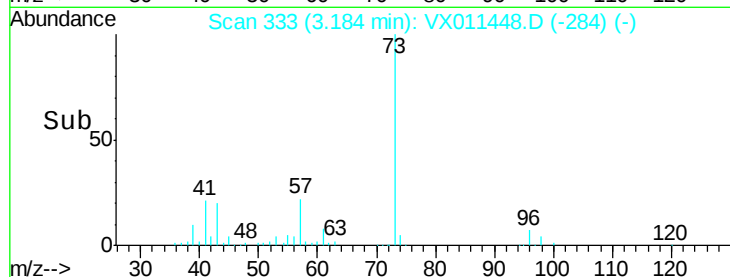
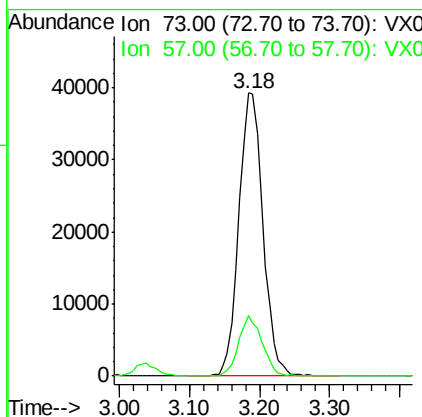
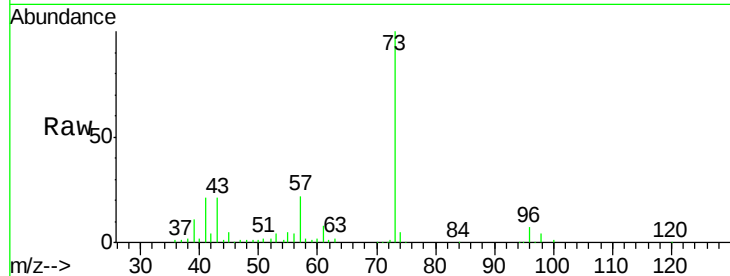
#19
Methyl tert-butyl Ether
Concen: 20.977 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.2	24.2

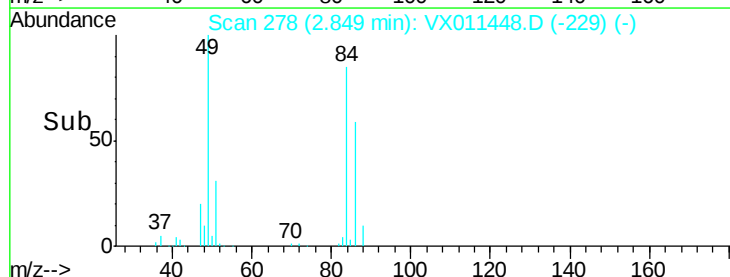
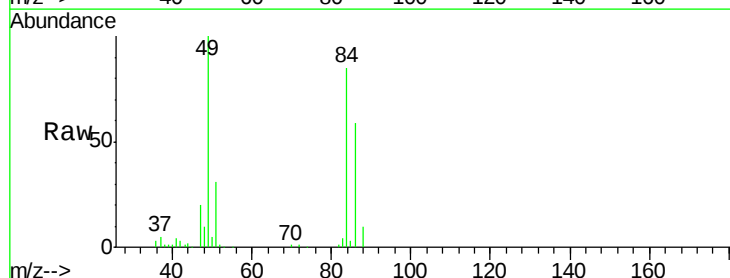
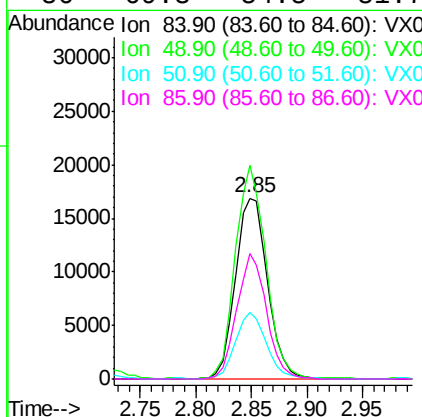
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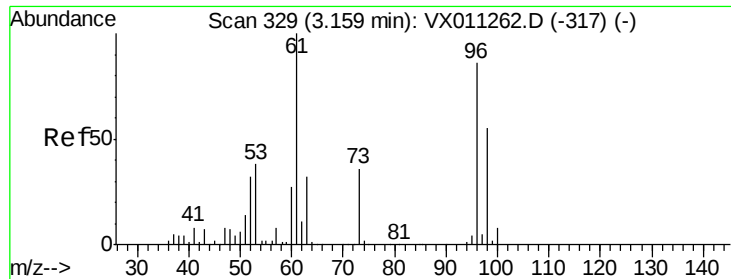
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#20
Methylene Chloride
Concen: 19.226 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.2	89.3	133.9
51	37.0	28.3	42.5
86	69.3	54.5	81.7





#21

trans-1,2-Dichloroethene

Concen: 18.958 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

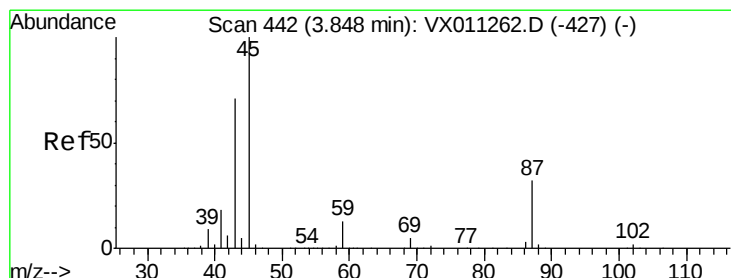
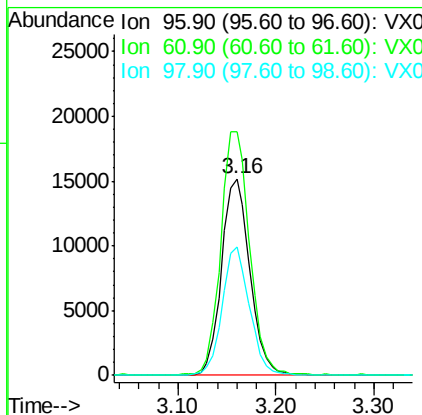
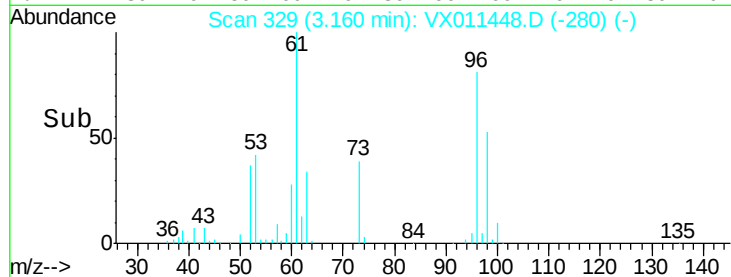
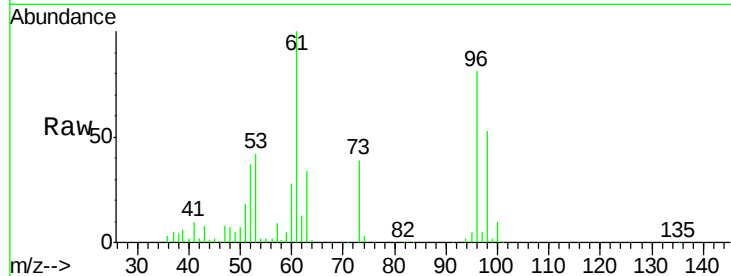
ClientSampled :

VX0811WBS02

Tot Ion:	96	Resp:	30521
Ion	Ratio	Lower	Upper
96	100		
61	123.6	92.8	139.2
98	65.4	51.2	76.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.909 ug/l

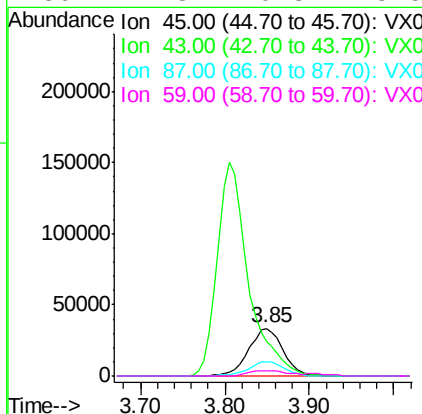
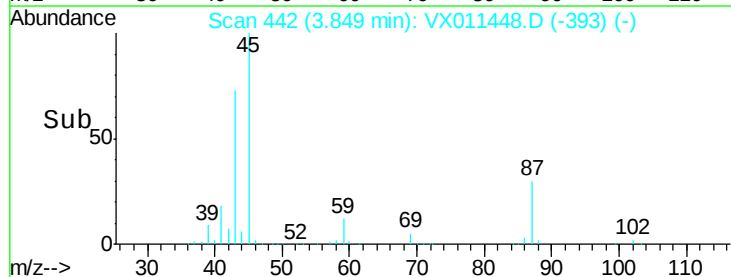
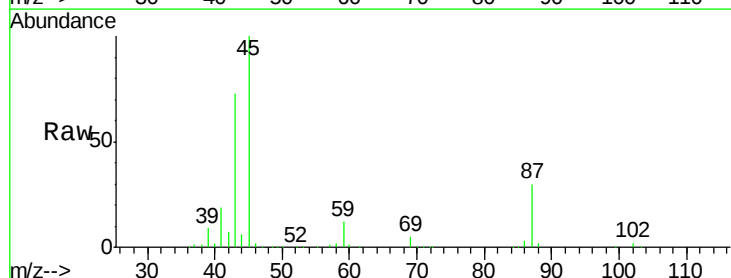
RT: 3.85 min Scan# 442

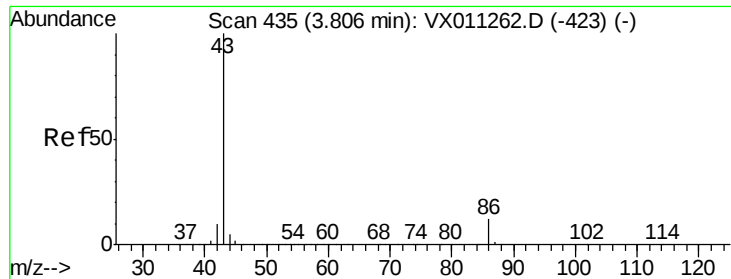
Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Tgt Ion:	45	Resp:	93238
Ion	Ratio	Lower	Upper
45	100		
43	72.4	56.8	85.2
87	30.1	25.8	38.6
59	11.8	10.3	15.5





#23

Vinyl Acetate

Concen: 104.628 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS02

Tot Ion: 43 Resp: 386964

Ion Ratio Lower Upper

43 100

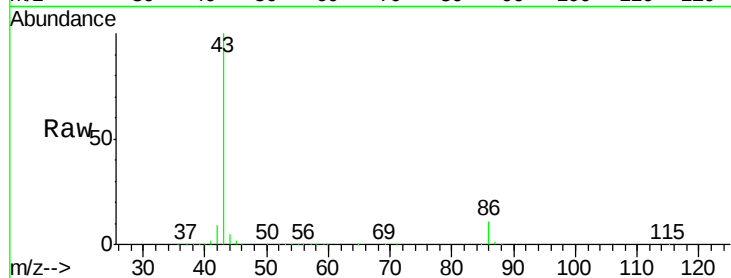
86 11.5 9.6 14.4

Manual Integrations

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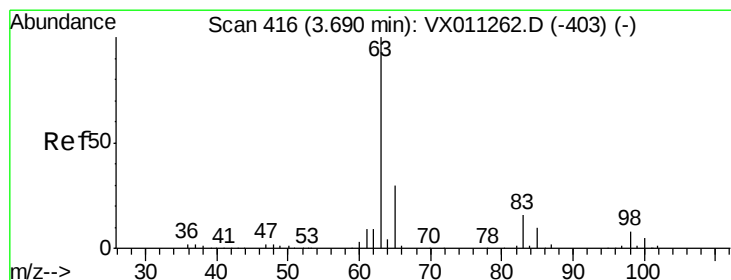
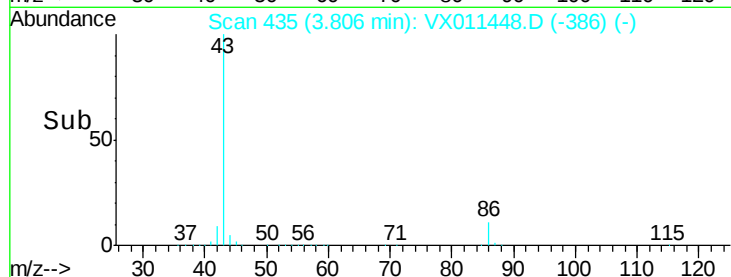
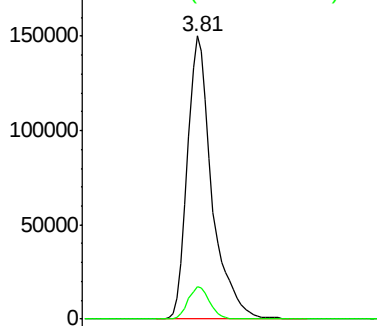
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.227 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

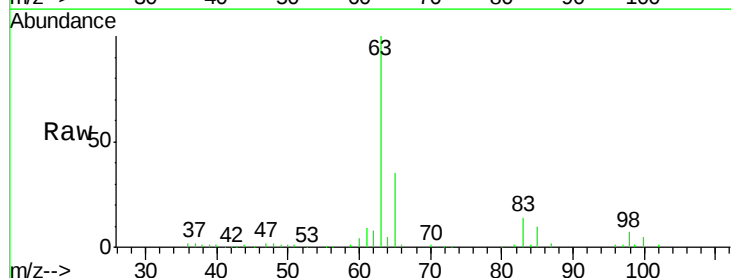
Tgt Ion: 63 Resp: 53185

Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.5

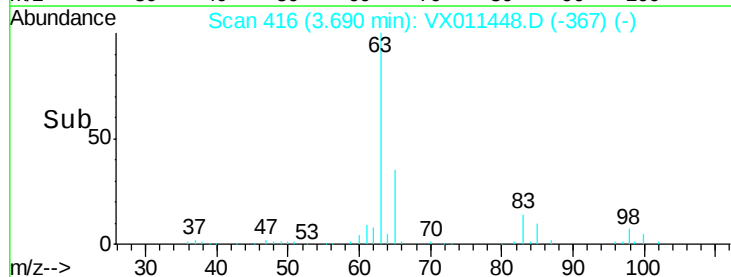
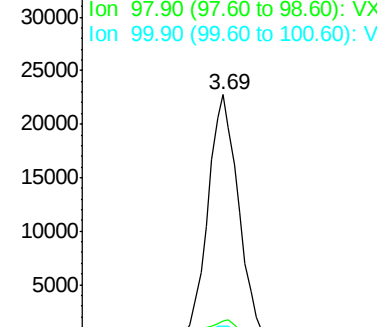
100 5.1 2.7 8.1

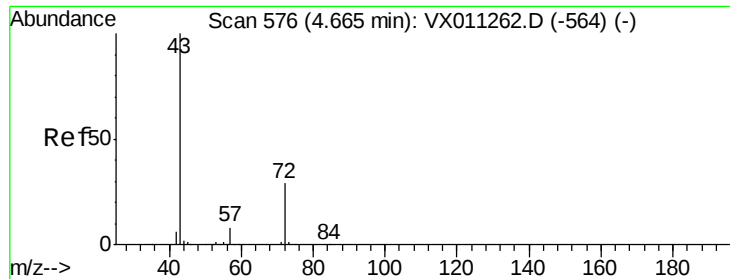


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 103.114 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS02

Tot Ion: 43 Resp: 117607

Ion Ratio Lower Upper

43 100

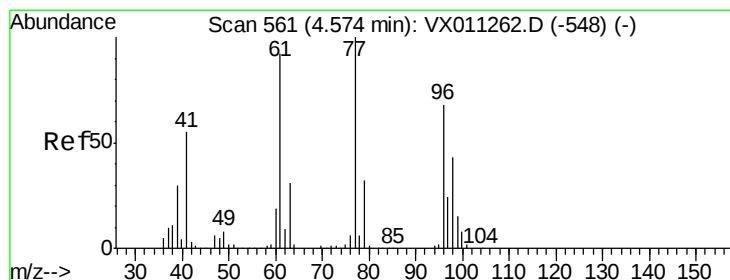
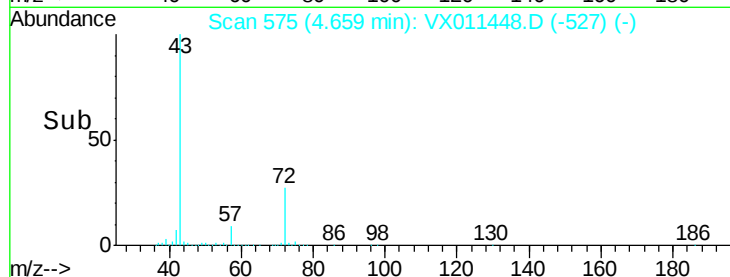
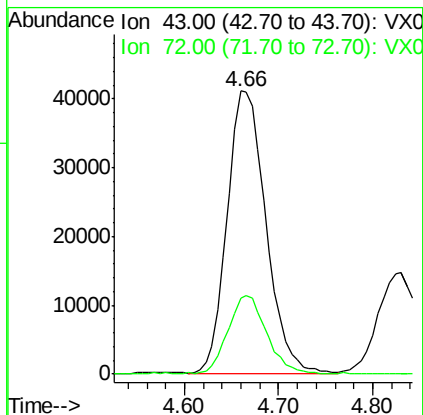
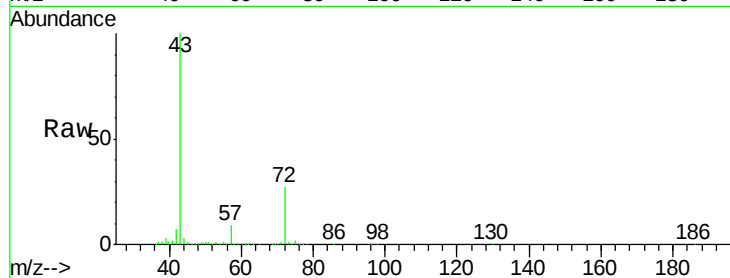
72 26.7 23.2 34.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 14.892 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011448.D

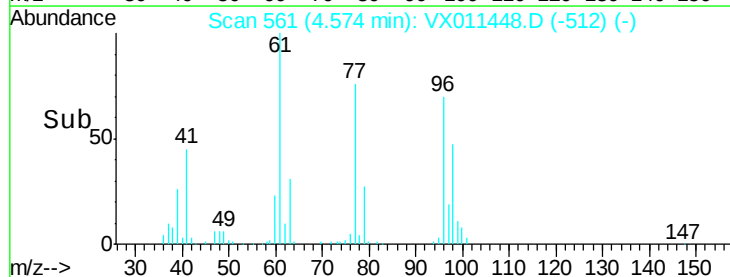
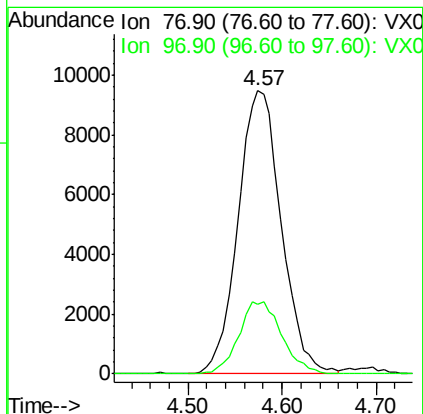
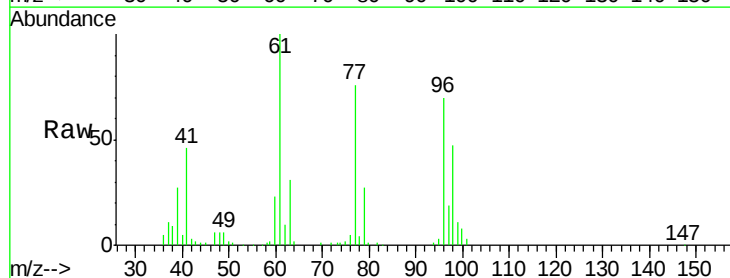
Acq: 11 Aug 2019 22:51

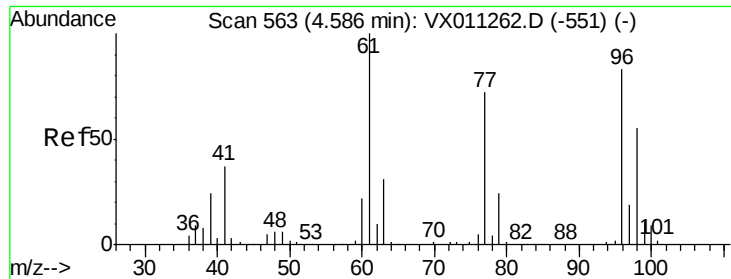
Tgt Ion: 77 Resp: 30438

Ion Ratio Lower Upper

77 100

97 25.4 12.8 38.4





#27

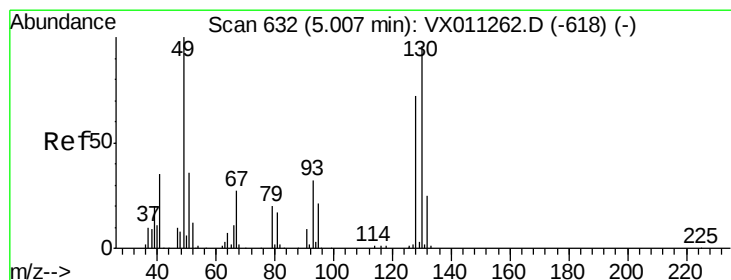
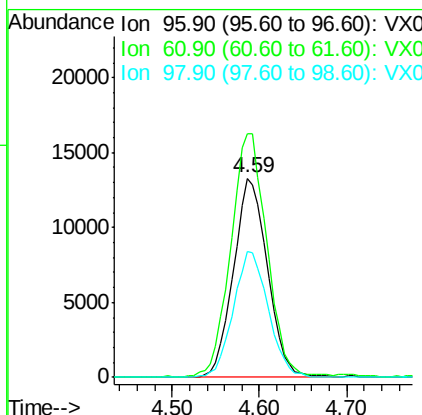
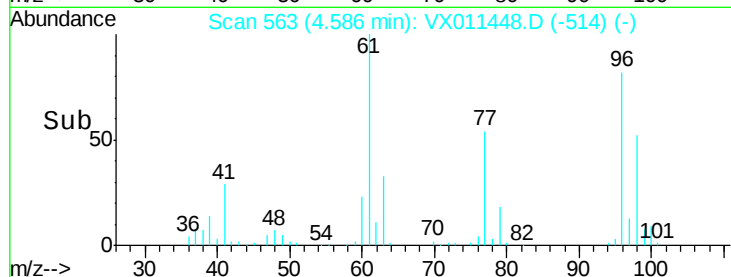
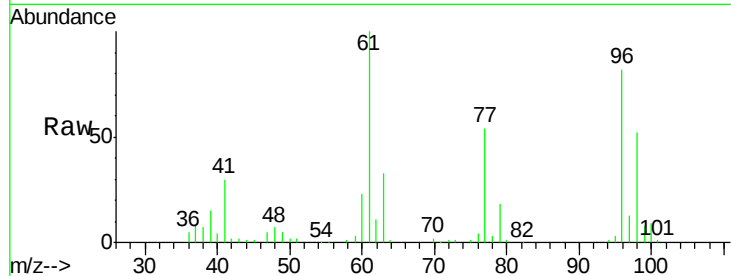
cis-1,2-Dichloroethene
Concen: 19.380 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	260.2
98	64.9	0.0	133.2

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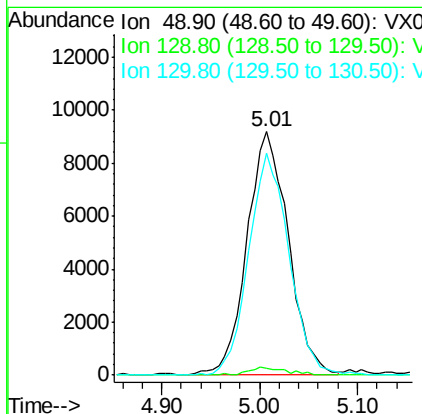
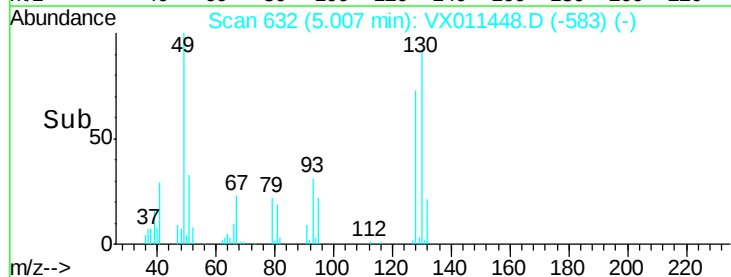
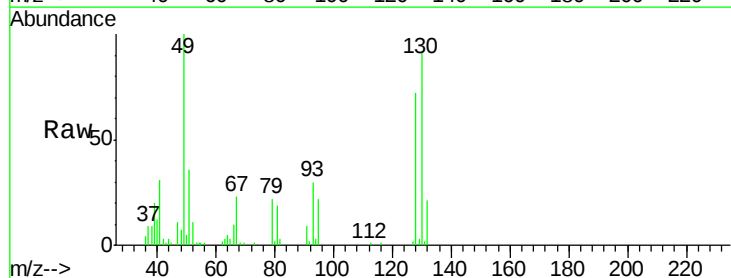
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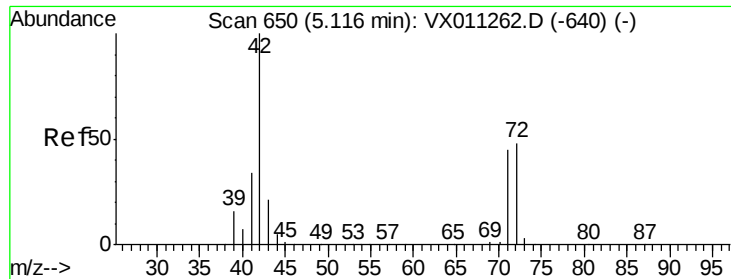


#28

Bromochloromethane
Concen: 22.483 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.8
130	89.2	77.9	116.9





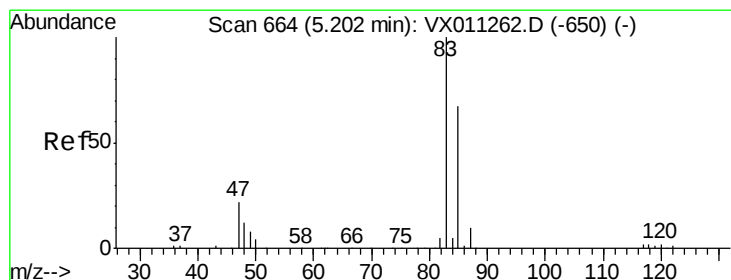
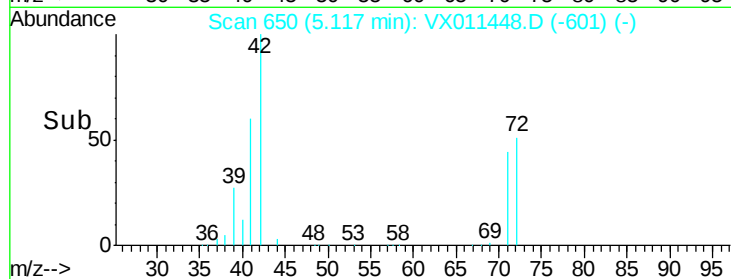
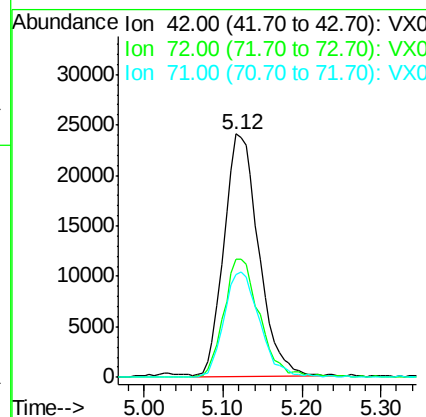
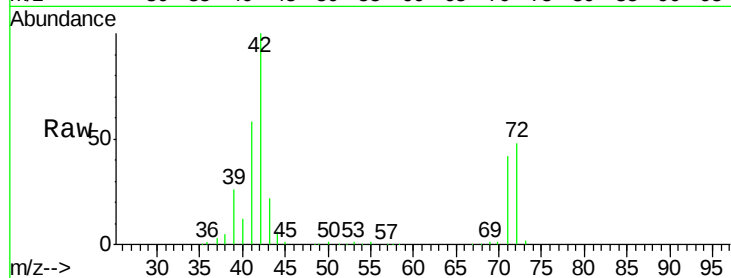
#29
Tetrahydrofuran
Concen: 105.497 ug/l
RT: 5.12 min Scan# 650
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.9	39.9	59.9
71	44.3	36.9	55.3

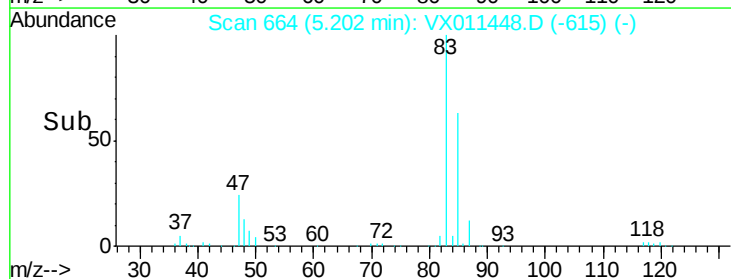
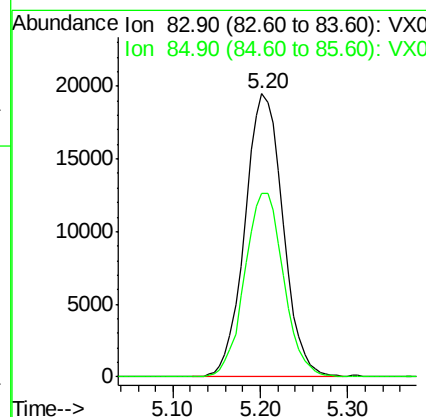
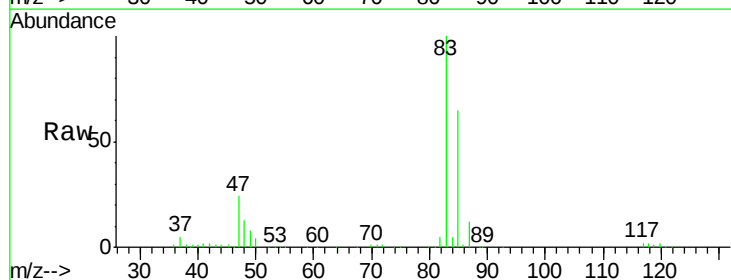
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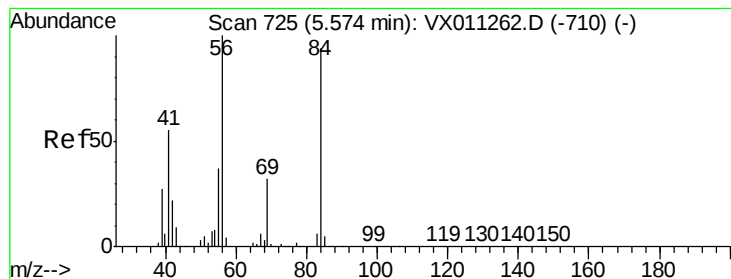
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#30
Chloroform
Concen: 20.697 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	53.4	80.0





#31

Cyclohexane

Concen: 19.244 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

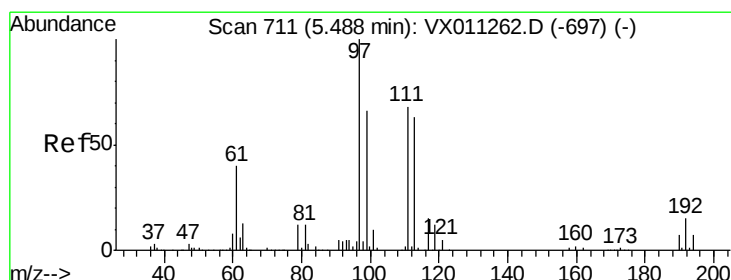
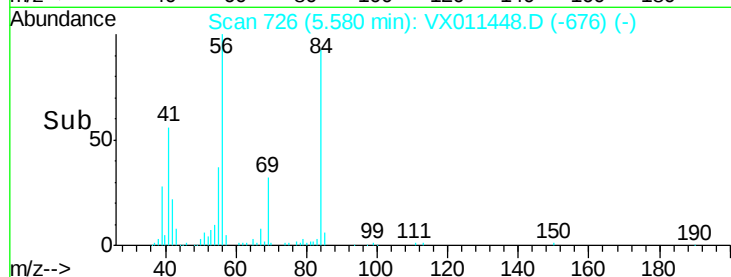
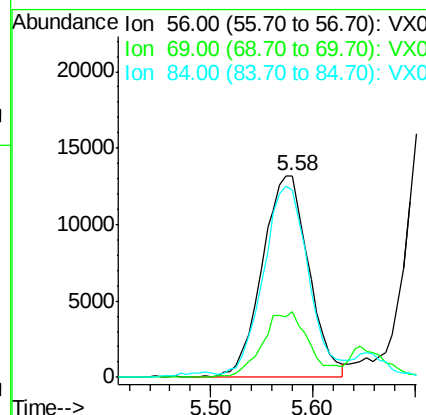
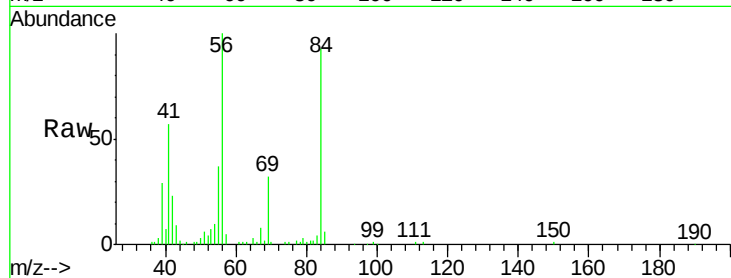
ClientSampleId :

VX0811WBS02

Tot Ion:	56	Resp:	41747
Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.5	38.3
84	90.9	75.0	112.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.809 ug/l

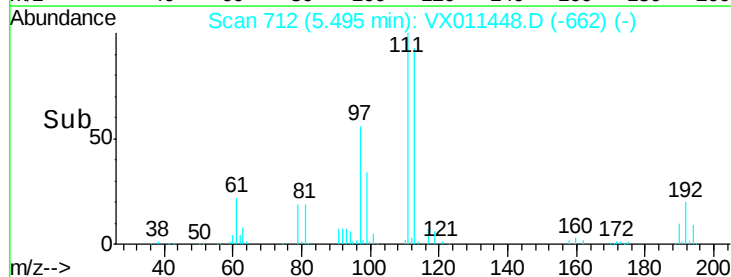
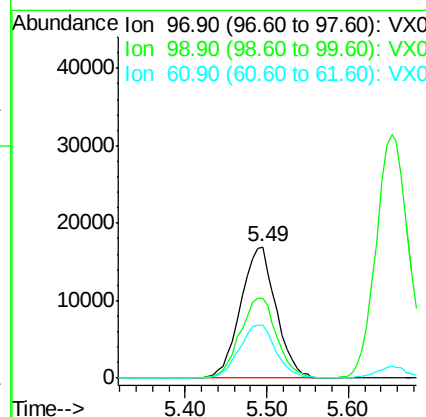
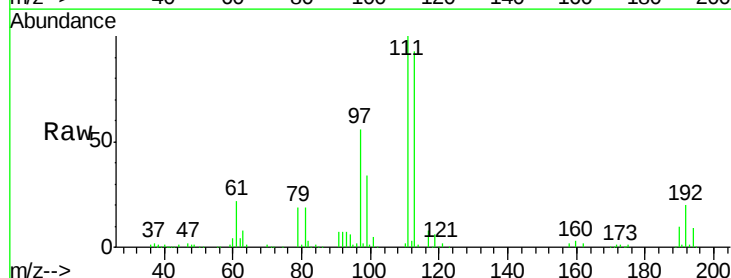
RT: 5.49 min Scan# 712

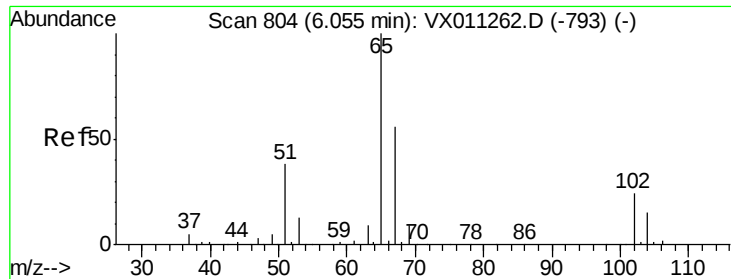
Delta R.T. 0.01 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Tgt Ion:	97	Resp:	50943
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.6	77.4
61	42.2	32.3	48.5





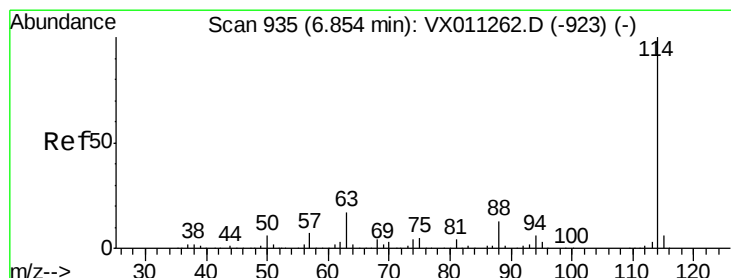
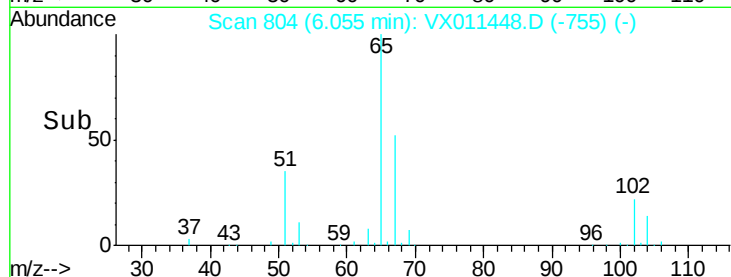
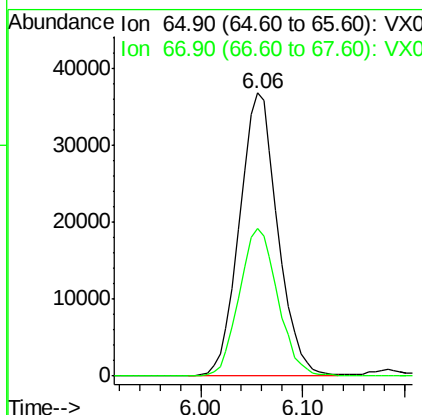
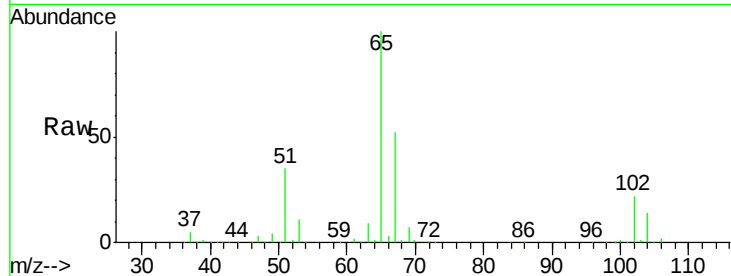
#33
 1,2-Dichloroethane-d4
 Concen: 56.814 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011448.D
 Acq: 11 Aug 2019 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	110.6

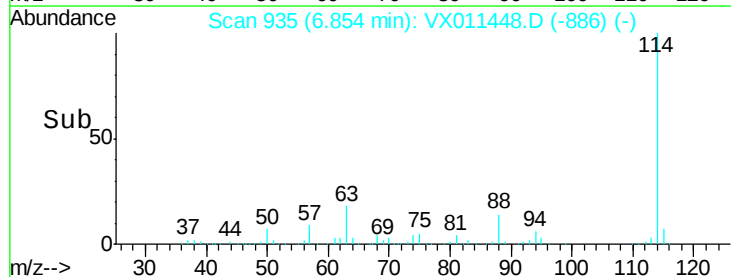
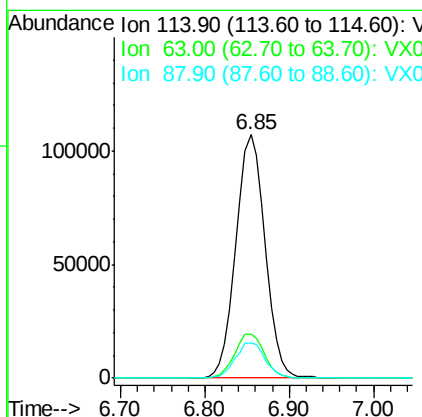
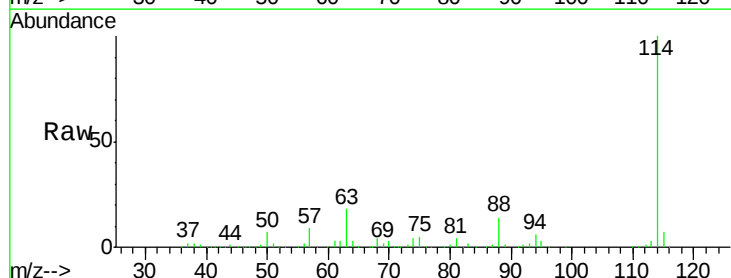
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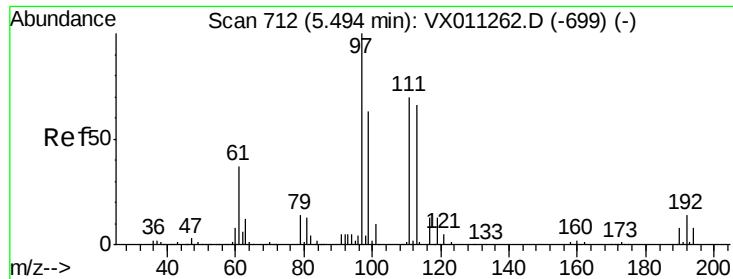
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011448.D
 Acq: 11 Aug 2019 22:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	34.0
88	14.4	0.0	26.4





#35

Dibromofluoromethane

Concen: 50.705 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

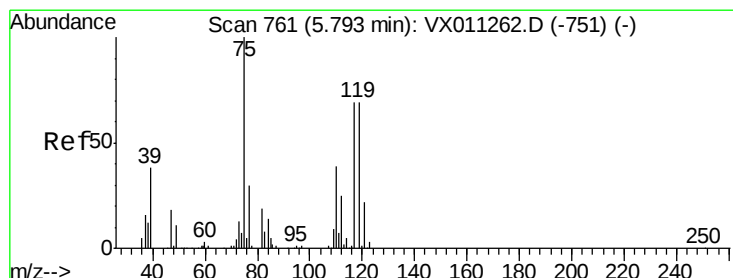
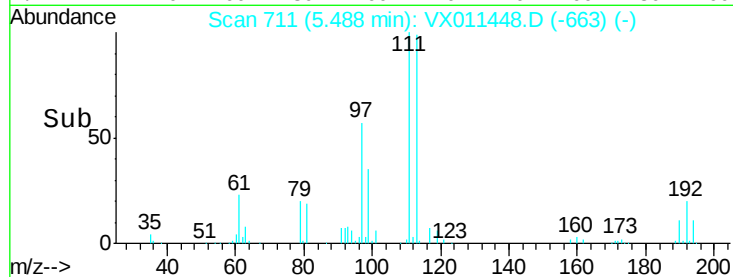
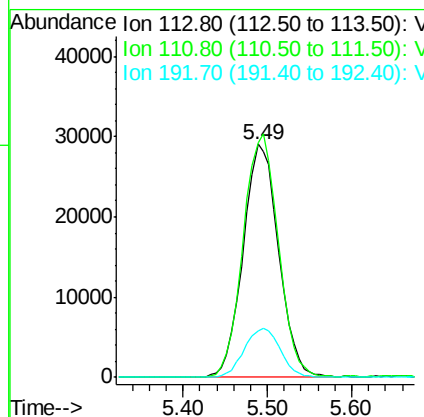
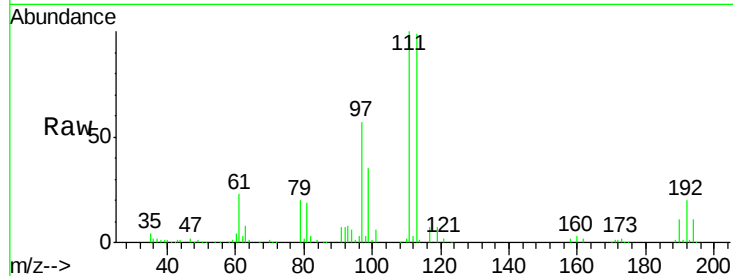
ClientSampleId :

VX0811WBS02

Tot Ion:	113	Resp:	82885
Ion Ratio	Lower	Upper	
113	100		
111	103.9	81.9	122.9
192	21.5	17.8	26.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.141 ug/l

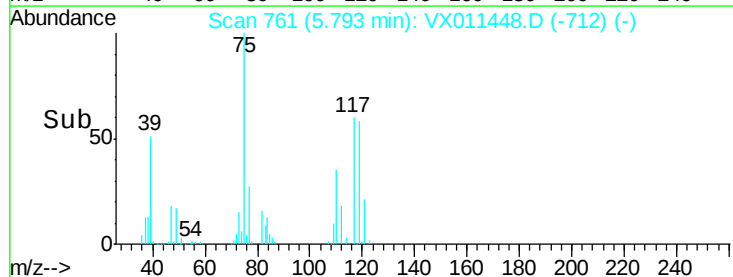
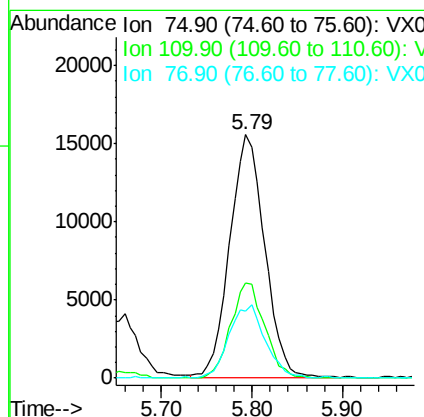
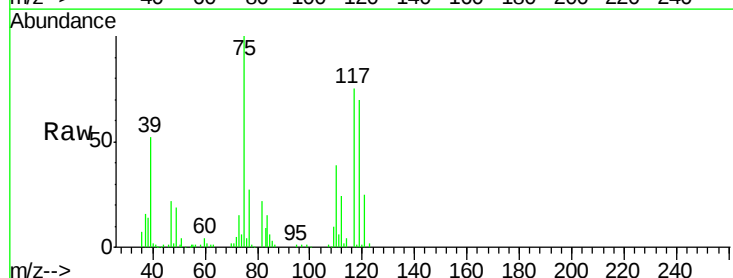
RT: 5.79 min Scan# 761

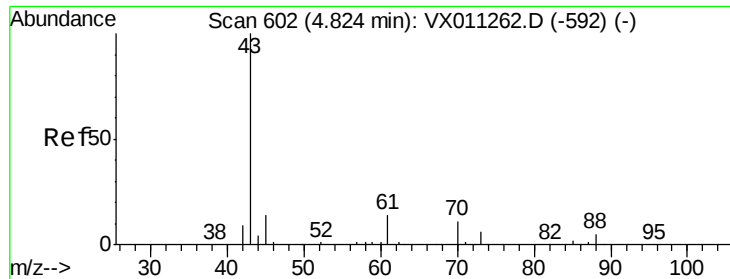
Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Tgt Ion:	75	Resp:	41843
Ion Ratio	Lower	Upper	
75	100		
110	37.9	20.0	59.9
77	31.2	24.8	37.2





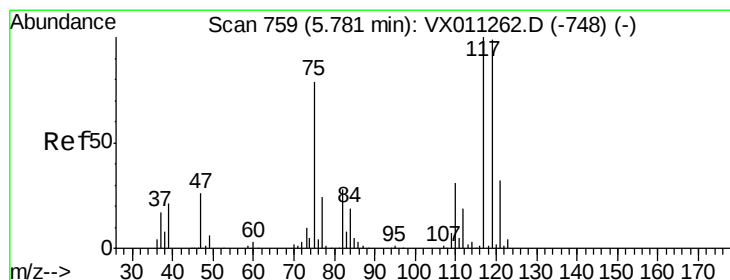
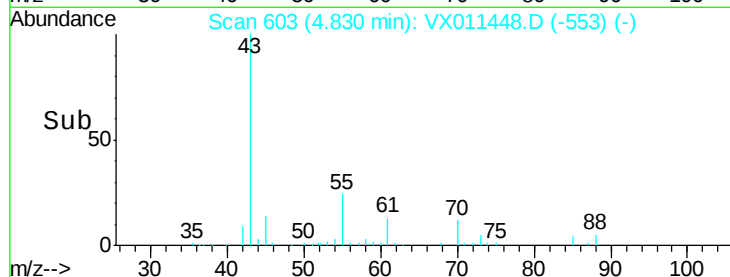
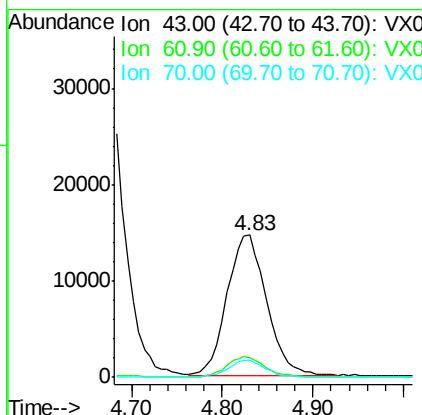
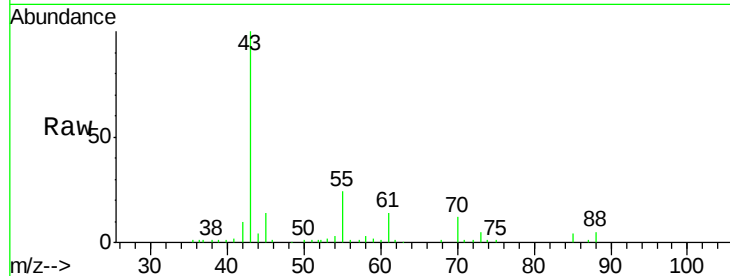
#37
Ethyl Acetate
Concen: 20.177 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.01 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS02

Tot Ion	43	Resp	44242
Ion Ratio	100	Lower	Upper
43	100		
61	14.5	12.6	18.8
70	11.6	9.1	13.7

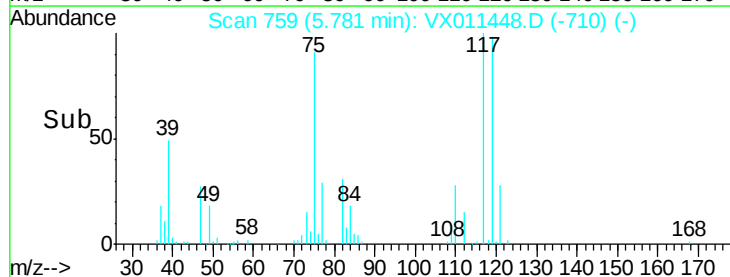
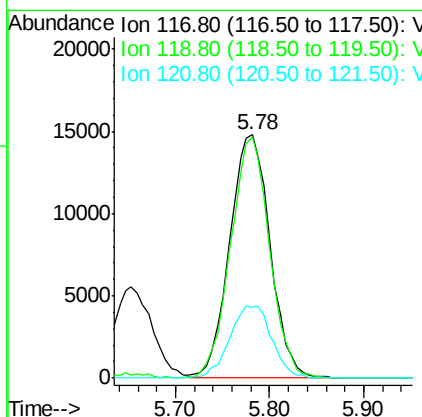
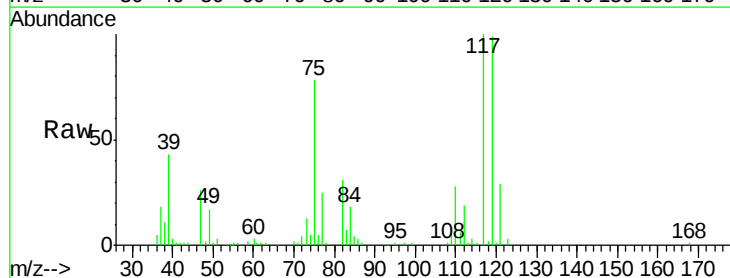
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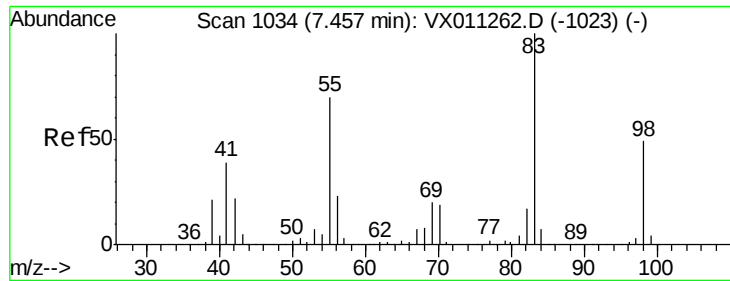
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#38
Carbon Tetrachloride
Concen: 20.119 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Tgt Ion	117	Resp	44247
Ion Ratio	100	Lower	Upper
117	100		
119	98.5	79.0	118.4
121	29.1	25.9	38.9





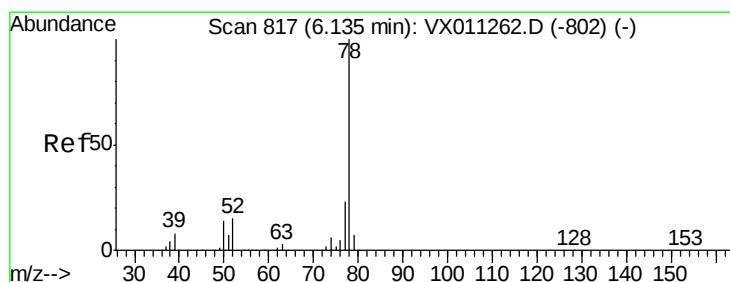
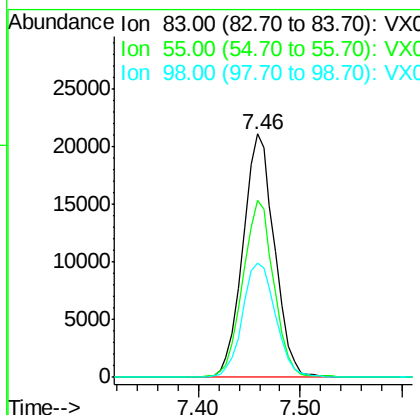
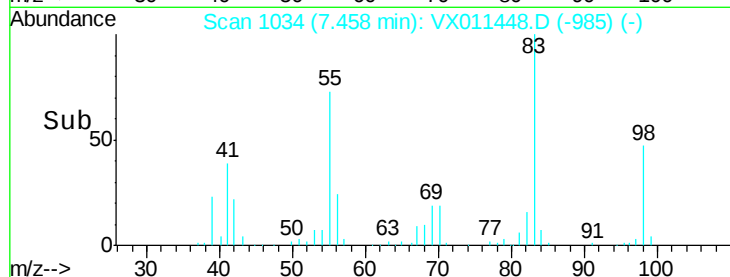
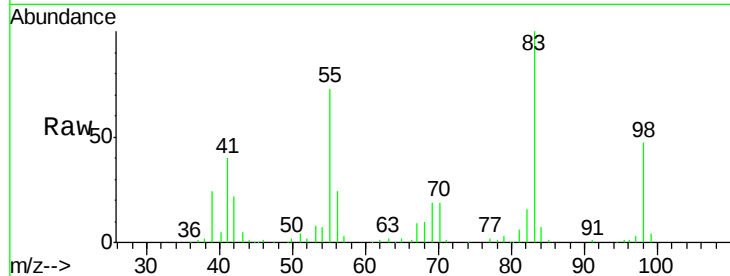
#39
Methvlcvclohexane
Concen: 17.479 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS02

Tot Ion	83	Resp	45290
Ion Ratio	100	Lower	Upper
83	100		
55	73.0	56.1	84.1
98	47.1	39.0	58.4

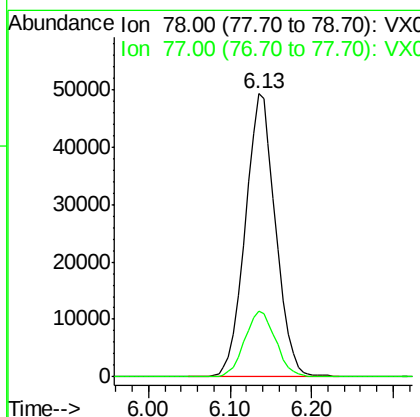
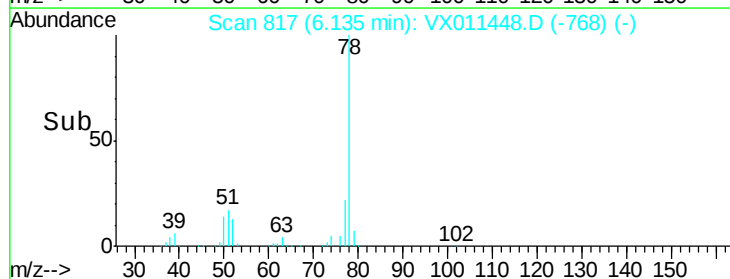
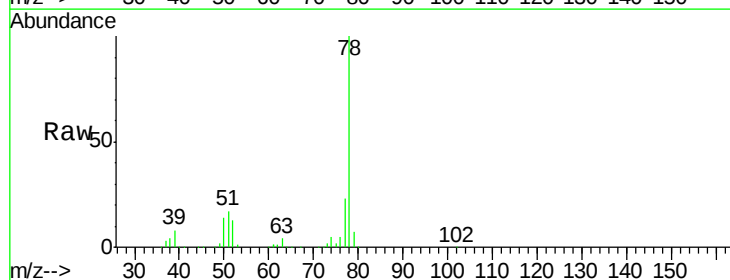
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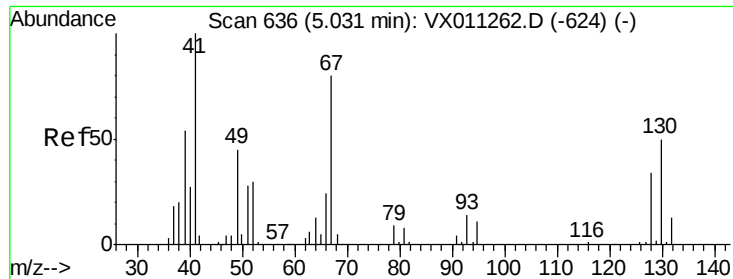
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#40
Benzene
Concen: 19.484 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Tgt Ion	78	Resp	127101
Ion Ratio	100	Lower	Upper
78	100		
77	23.1	18.2	27.2





#41

Methacrylonitrile

Concen: 20.229 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.01 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS02

Tot Ion: 41 Resp: 24225

Ion Ratio Lower Upper

41 100

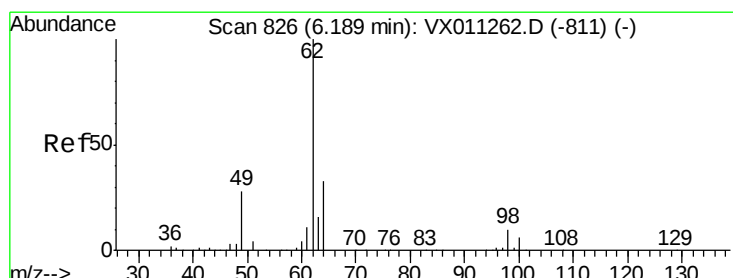
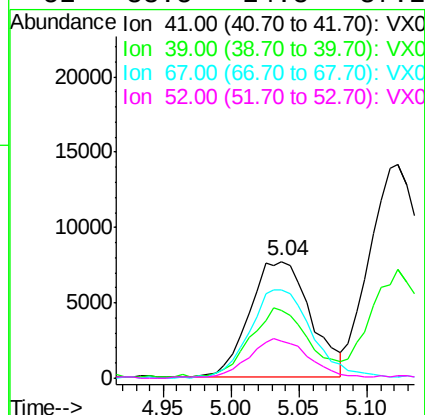
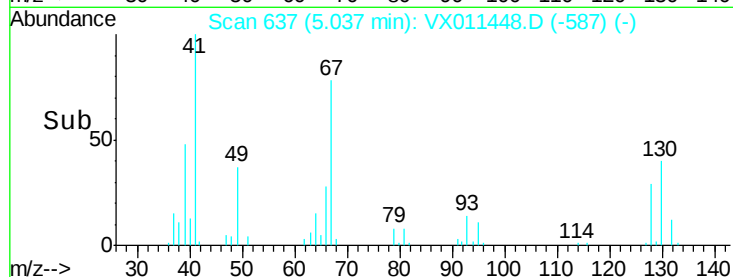
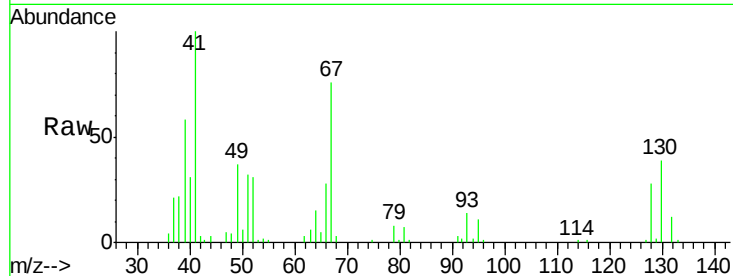
39 55.7 43.0 64.6

67 77.9 65.1 97.7

52 33.5 24.8 37.2

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 21.829 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX011448.D

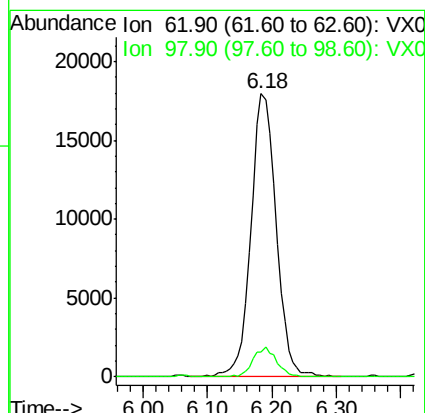
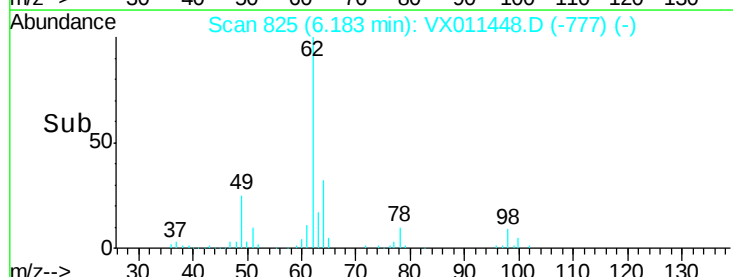
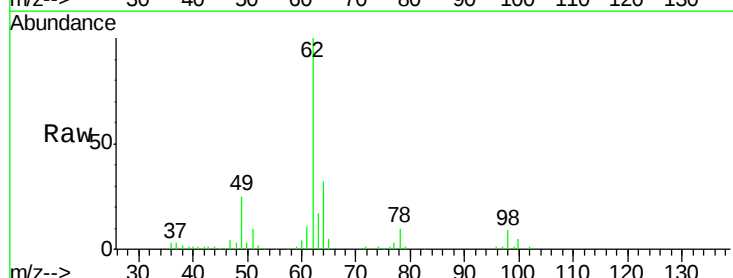
Acq: 11 Aug 2019 22:51

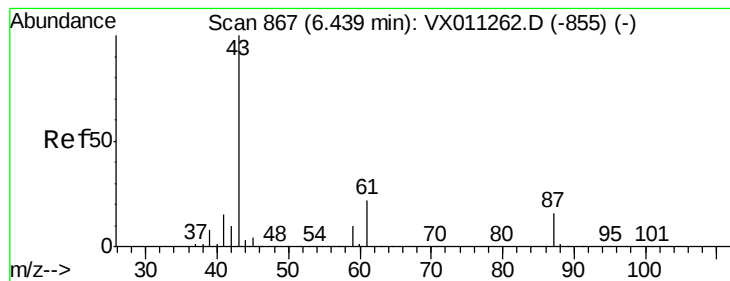
Tgt Ion: 62 Resp: 48151

Ion Ratio Lower Upper

62 100

98 9.7 0.0 20.6





#43

Isopropyl Acetate

Concen: 19.889 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

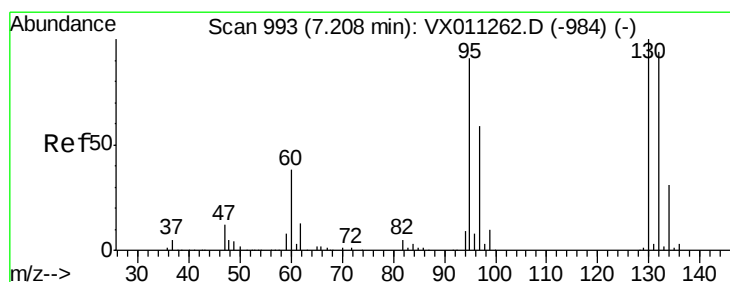
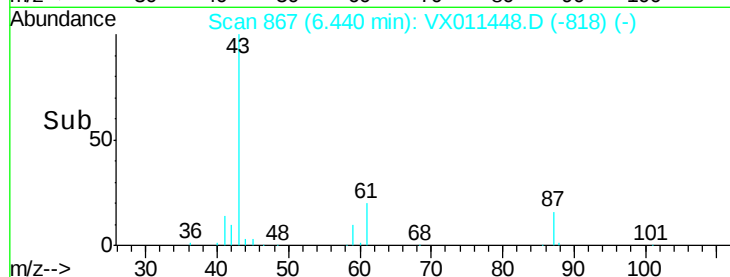
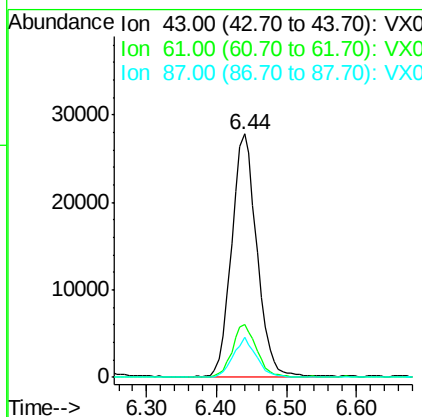
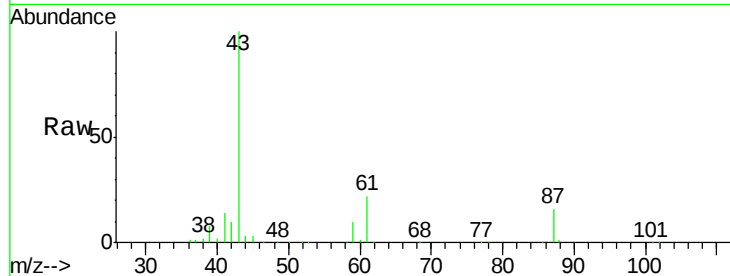
ClientSampleId :

VX0811WBS02

Tot Ion:	43	Resp:	69725
Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.5	24.7
87	14.9	12.1	18.1

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#44

Trichloroethene

Concen: 18.365 ug/l

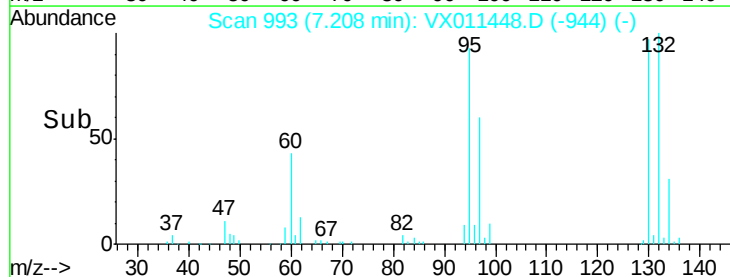
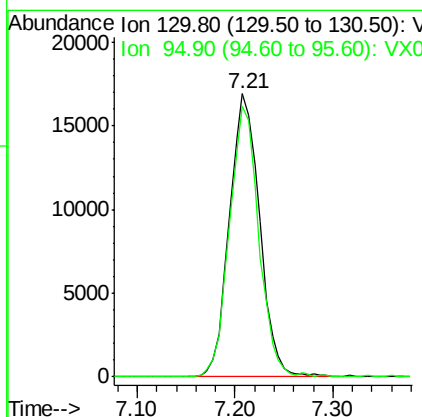
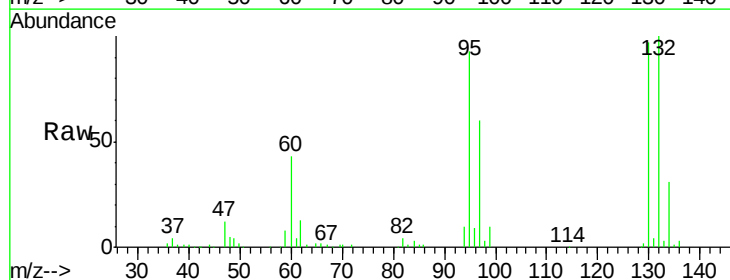
RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Tgt Ion:	130	Resp:	36262
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	182.6





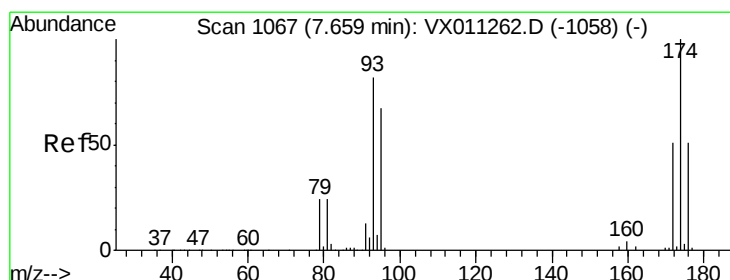
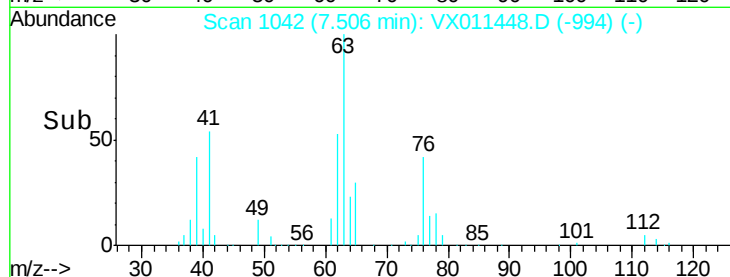
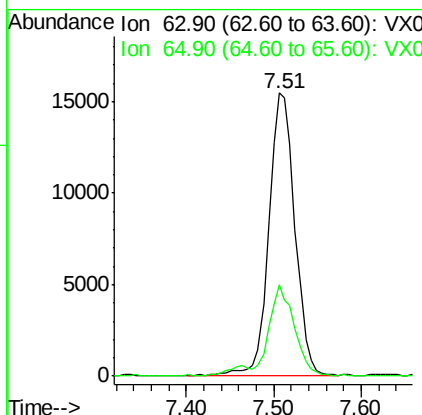
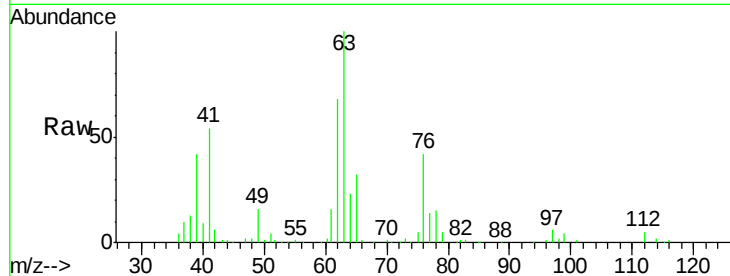
#45
 1,2-Dichloropropane
 Concen: 19.217 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011448.D
 Acq: 11 Aug 2019 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS02

Tot Ion: 63 Resp: 32466
 Ion Ratio Lower Upper
 63 100
 65 32.1 23.3 34.9

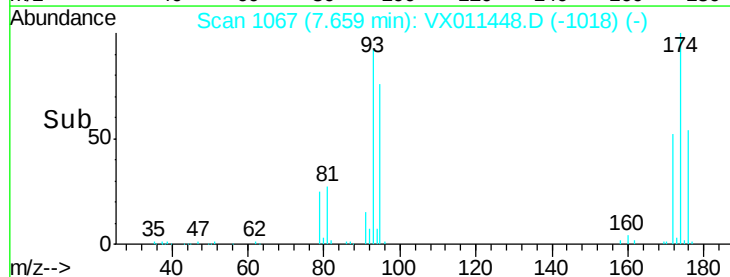
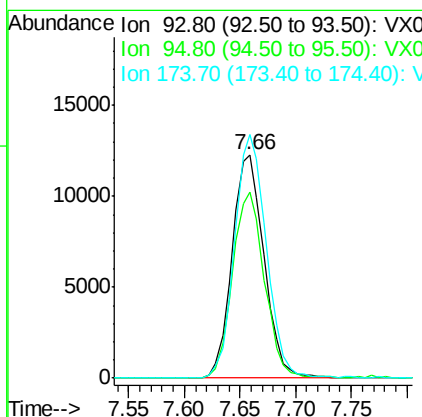
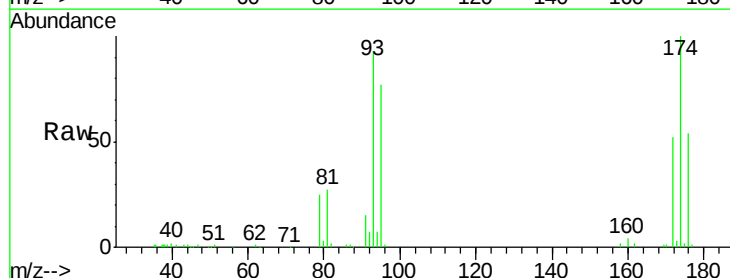
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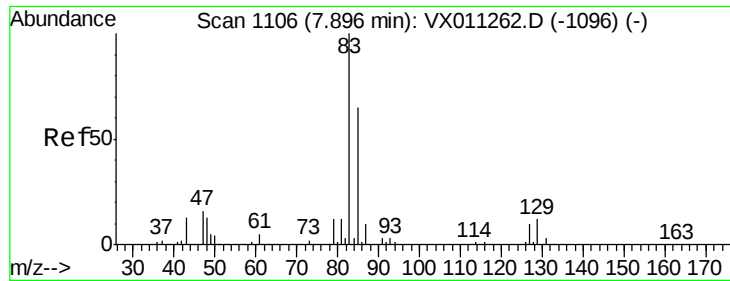
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#46
 Dibromomethane
 Concen: 19.771 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011448.D
 Acq: 11 Aug 2019 22:51

Tgt Ion: 93 Resp: 24384
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.4 99.6
 174 108.4 93.4 140.2





#47

Bromodichloromethane

Concen: 20.256 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

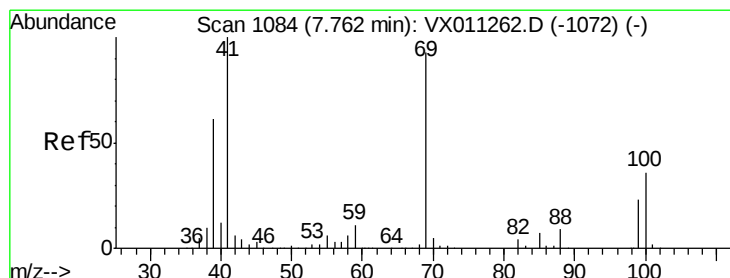
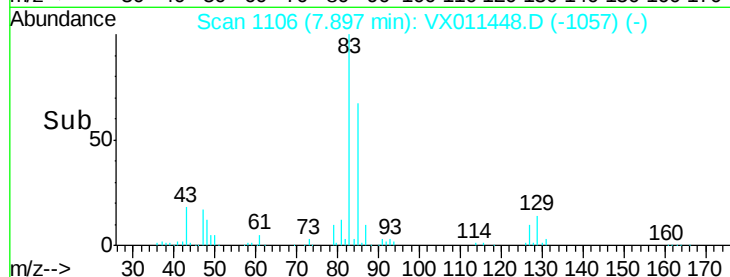
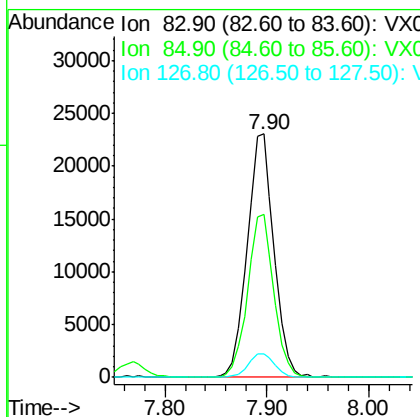
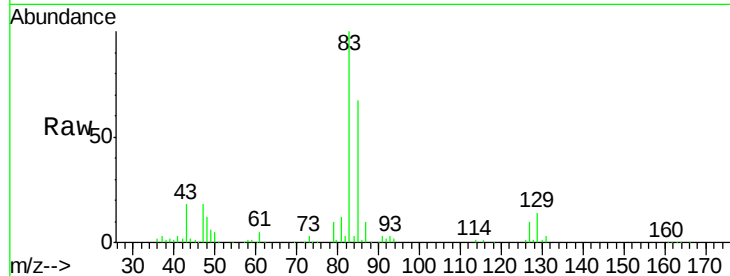
ClientSampleId :

VX0811WBS02

Tot Ion:	83	Resp:	42295
Ion	Ratio	Lower	Upper
83	100		
85	66.9	52.2	78.2
127	9.5	7.8	11.8

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#48

Methyl methacrylate

Concen: 21.516 ug/l

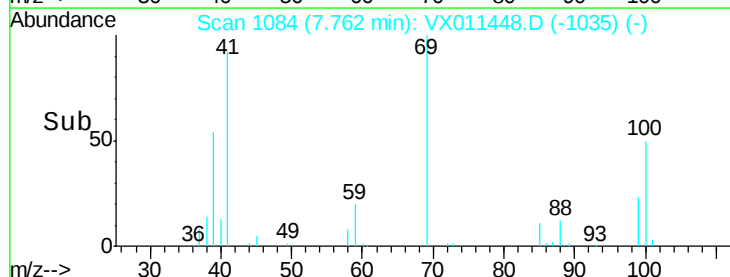
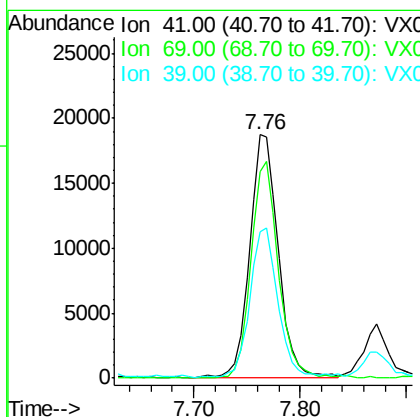
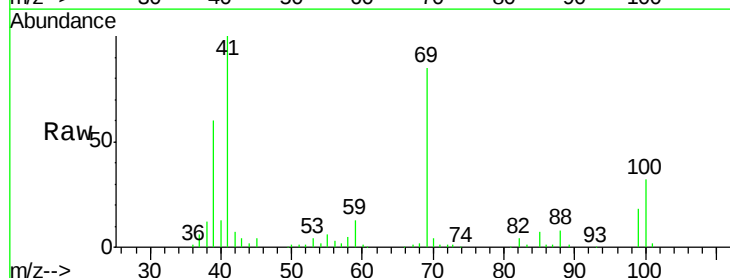
RT: 7.76 min Scan# 1084

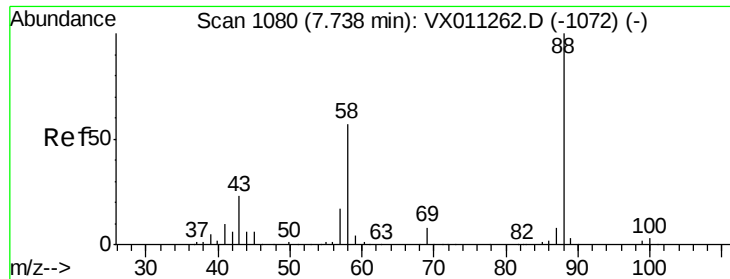
Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Tgt Ion:	41	Resp:	35498
Ion	Ratio	Lower	Upper
41	100		
69	85.4	74.5	111.7
39	58.6	48.6	72.8





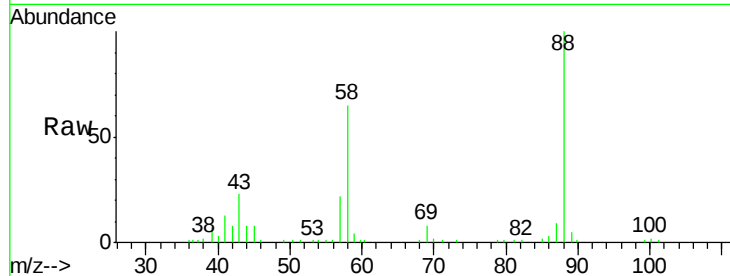
#49
 1,4-Dioxane
 Concen: 379.093 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX011448.D
 Acq: 11 Aug 2019 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS02

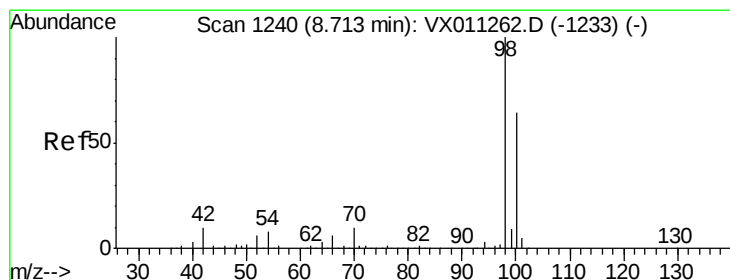
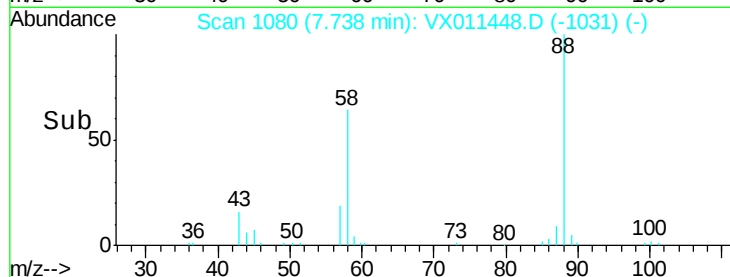
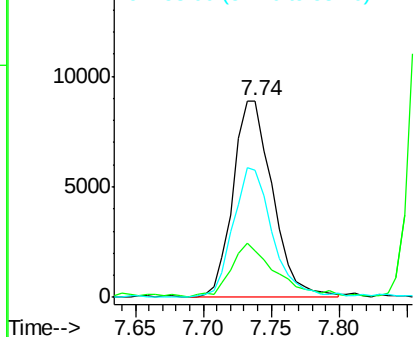
Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	22.2	33.2
58	66.0	47.8	71.8

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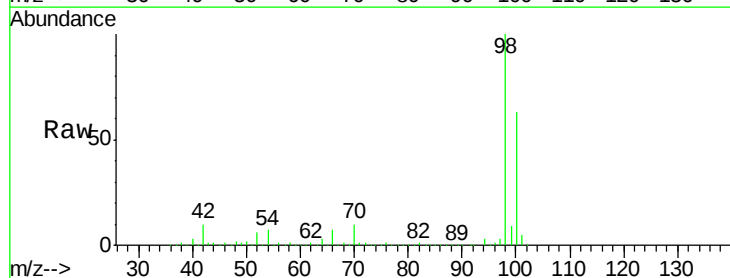


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

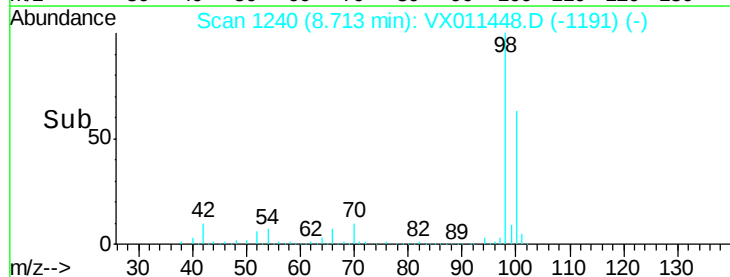
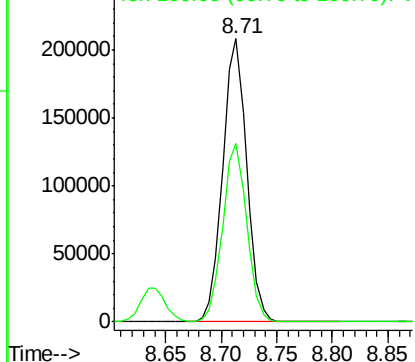


#50
 Toluene-d8
 Concen: 50.547 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011448.D
 Acq: 11 Aug 2019 22:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0





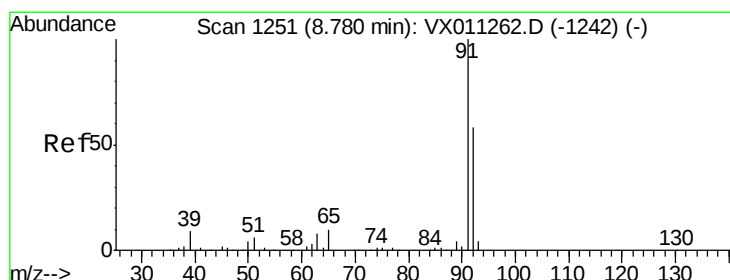
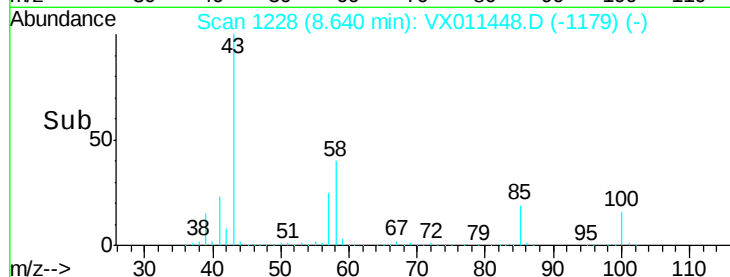
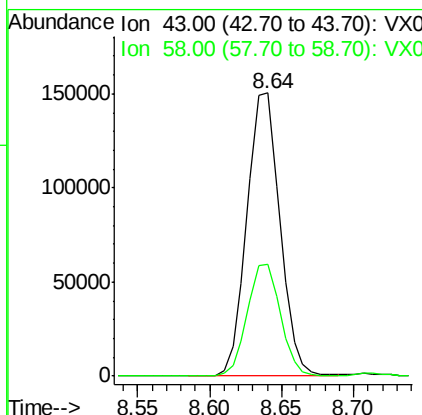
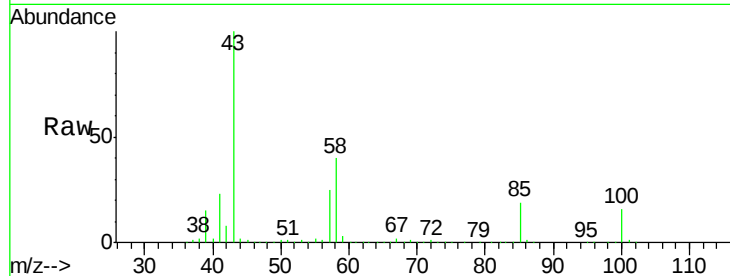
#51
4-Methyl-2-Pentanone
Concen: 105.524 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.8	32.3	48.5

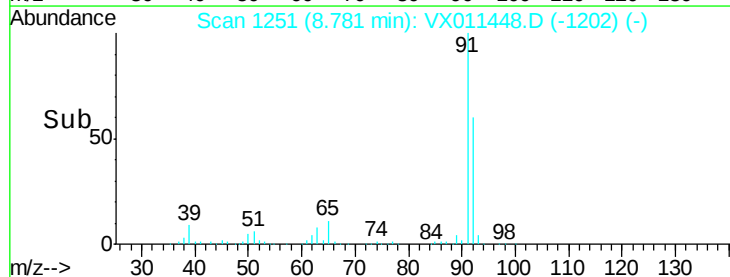
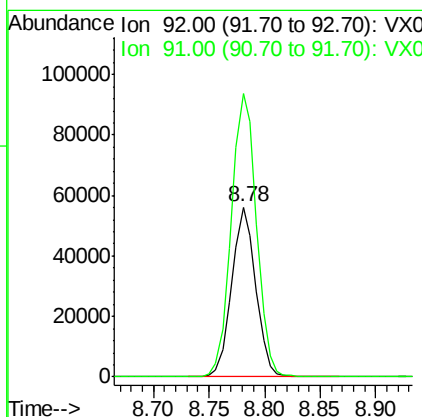
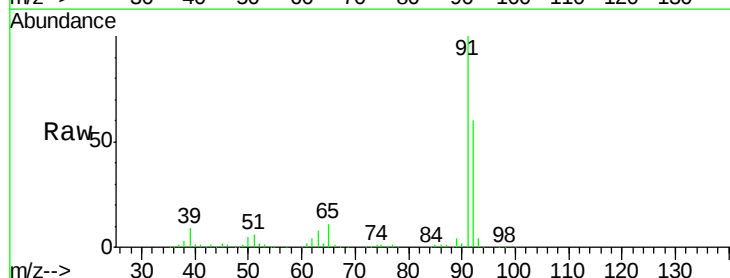
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#52
Toluene
Concen: 19.398 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.4	139.4	209.0





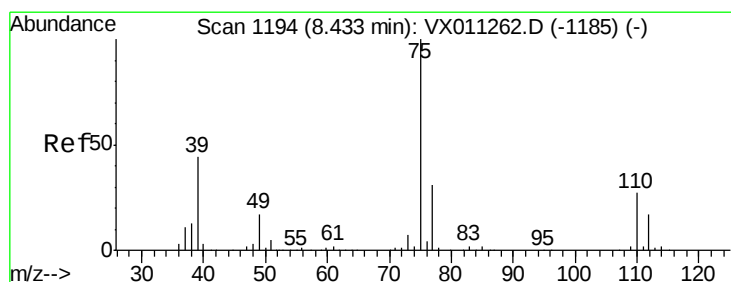
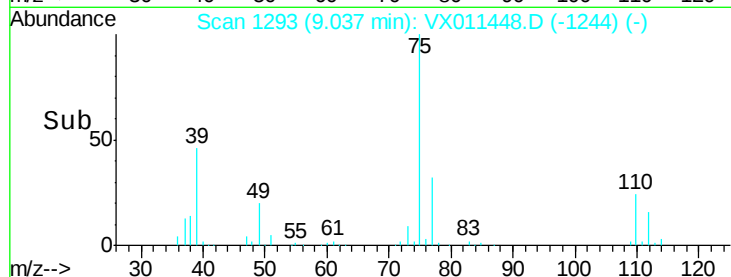
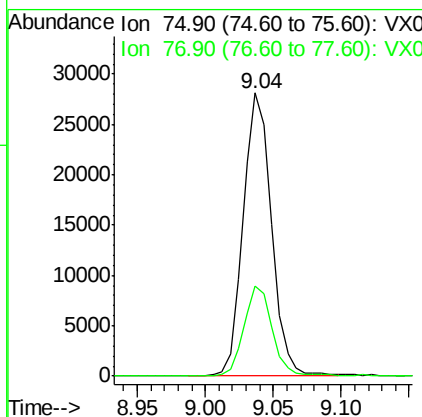
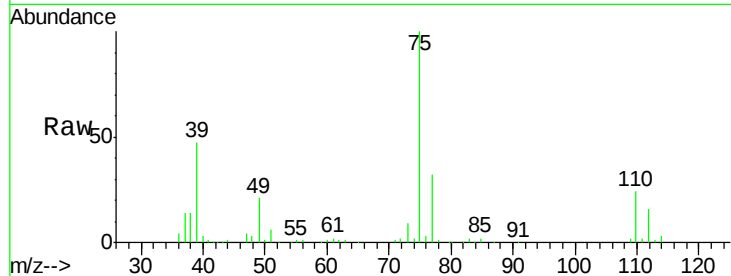
#53
t-1,3-Dichloropropene
Concen: 18.743 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS02

Tot Ion: 75 Resp: 41003
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0

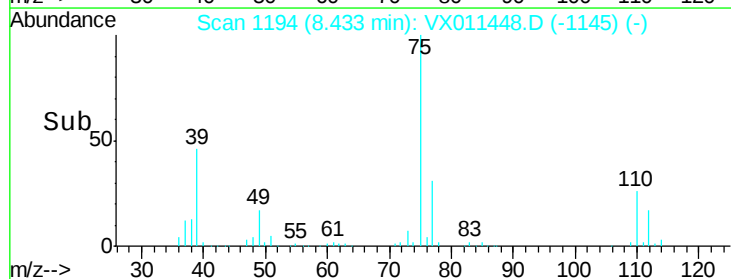
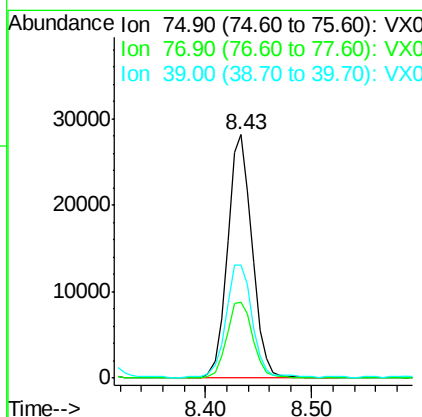
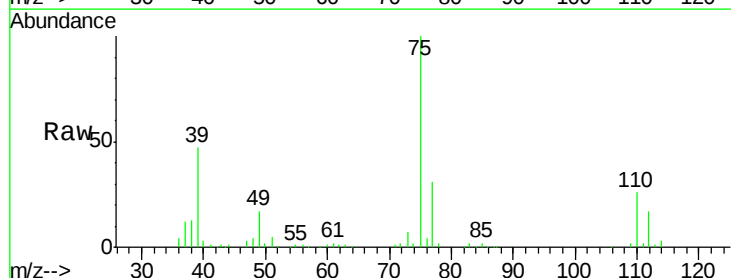
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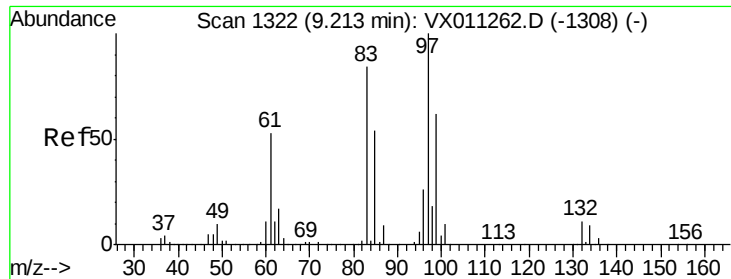
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#54
cis-1,3-Dichloropropene
Concen: 18.675 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Tgt Ion: 75 Resp: 45551
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6
39 46.2 35.3 52.9





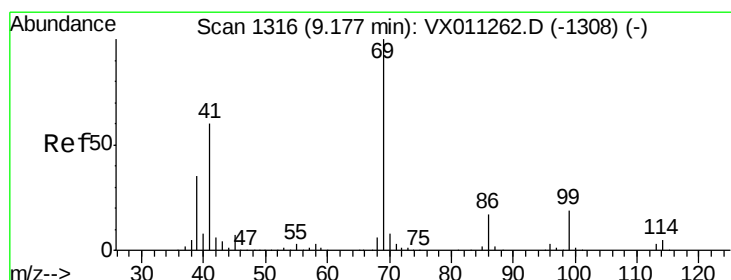
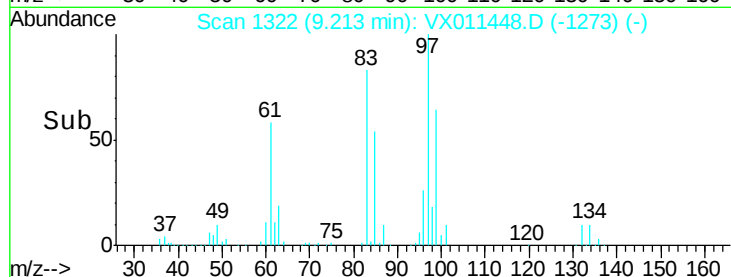
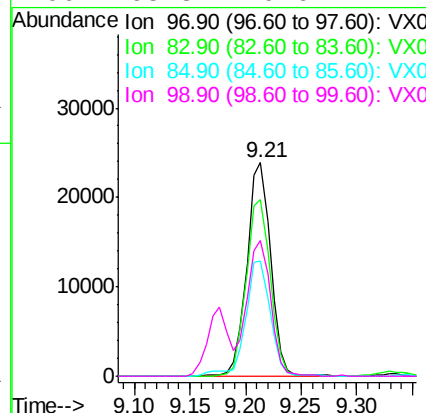
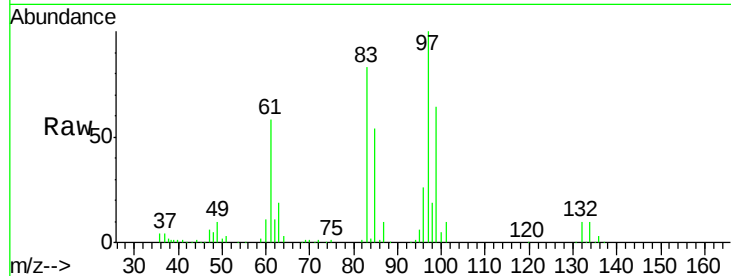
#55
 1,1,2-Trichloroethane
 Concen: 19.945 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011448.D
 Acq: 11 Aug 2019 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS02

Tot Ion:	97	Resp:	35369
Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.6	101.4
85	54.1	43.4	65.0
99	63.3	49.6	74.4

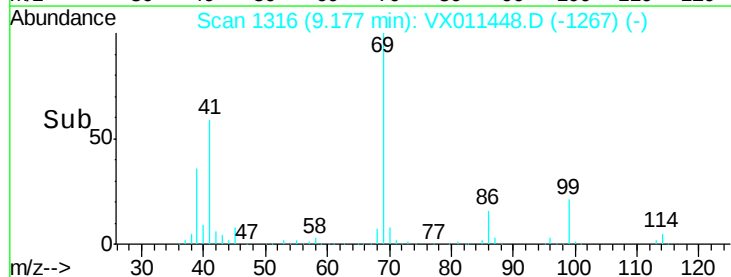
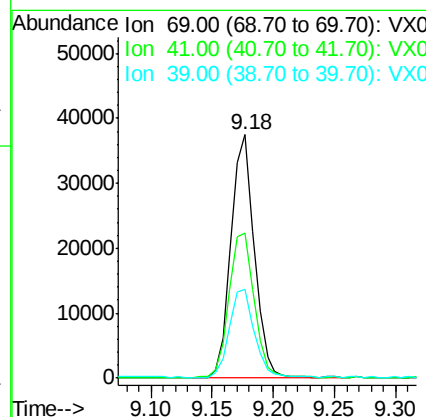
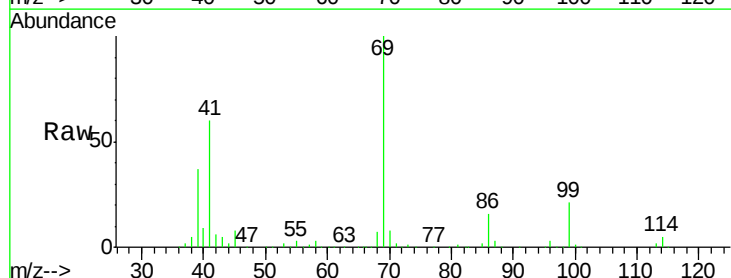
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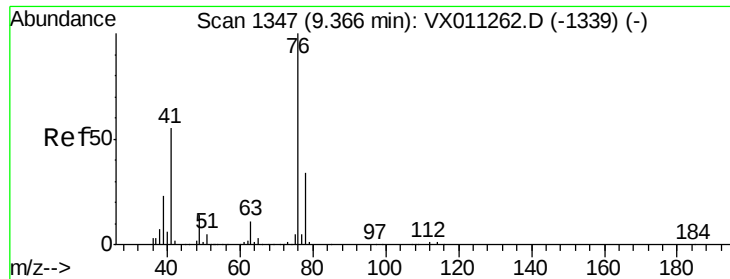
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#56
 Ethyl methacrylate
 Concen: 19.745 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011448.D
 Acq: 11 Aug 2019 22:51

Tgt Ion:	69	Resp:	49897
Ion	Ratio	Lower	Upper
69	100		
41	63.7	48.6	73.0
39	38.4	29.4	44.2





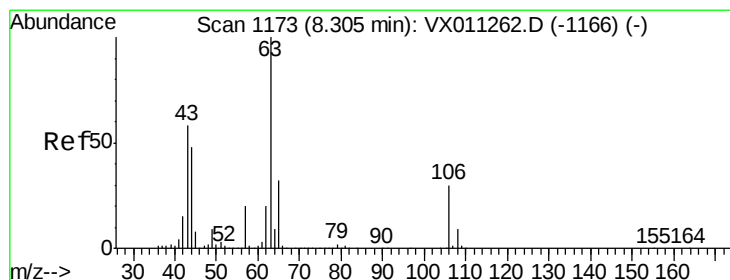
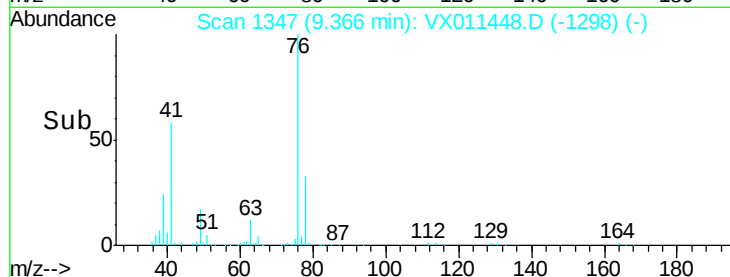
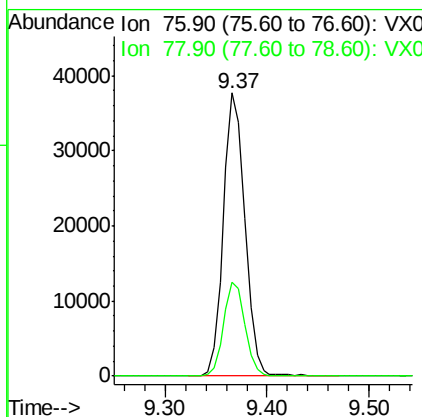
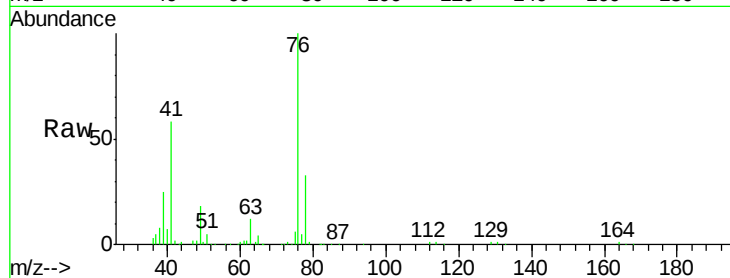
#57
 1,3-Dichloropropane
 Concen: 19.742 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011448.D
 Acq: 11 Aug 2019 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.6	40.0

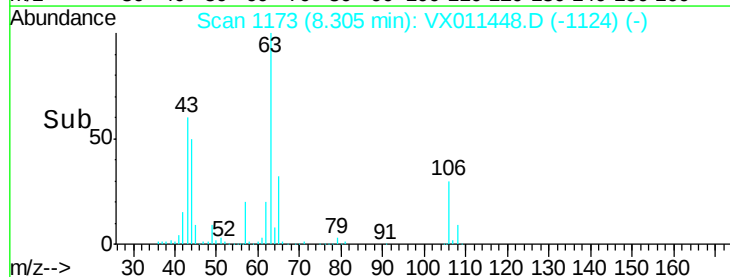
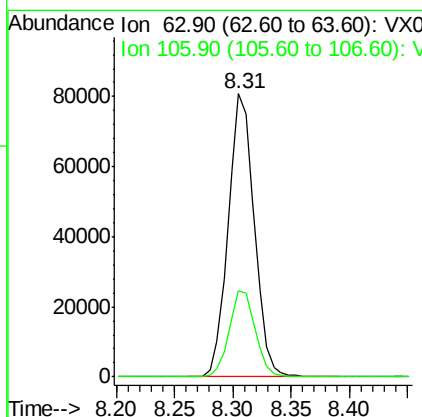
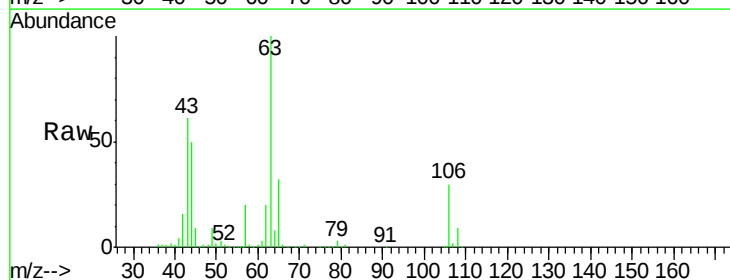
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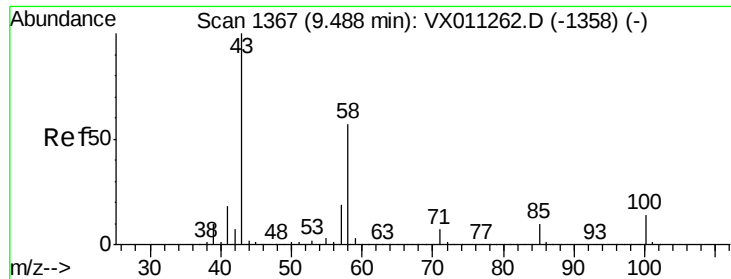
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#58
 2-Chloroethyl Vinyl ether
 Concen: 101.211 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011448.D
 Acq: 11 Aug 2019 22:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.5	24.4	36.6





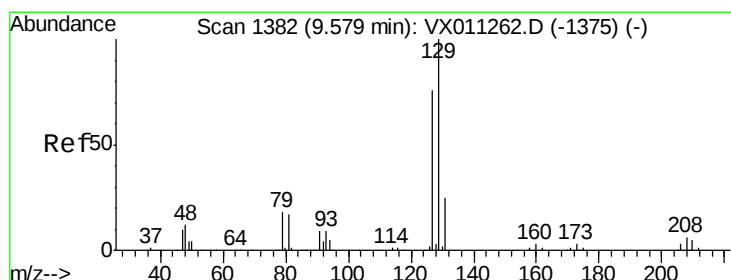
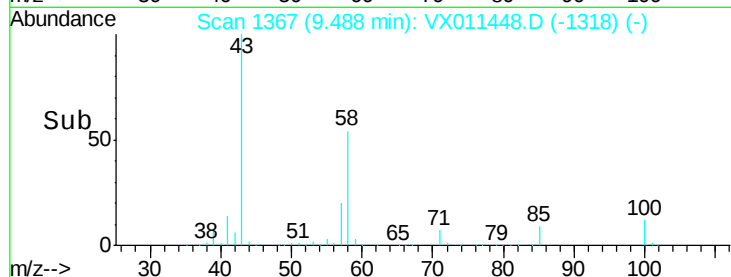
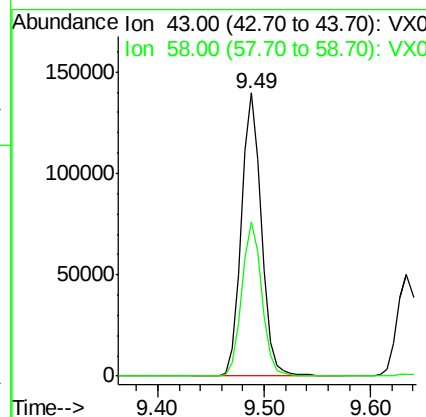
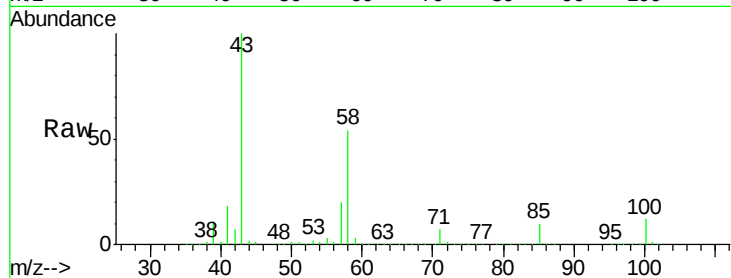
#59
2-Hexanone
Concen: 105.558 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.3	28.2	84.6

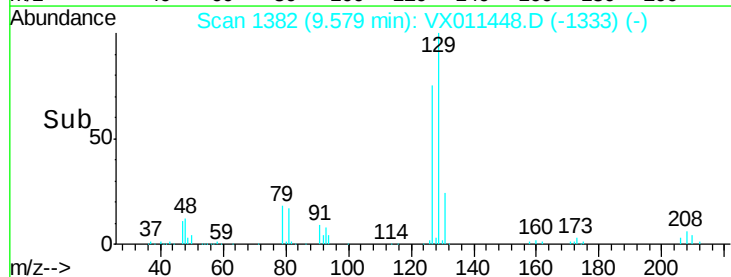
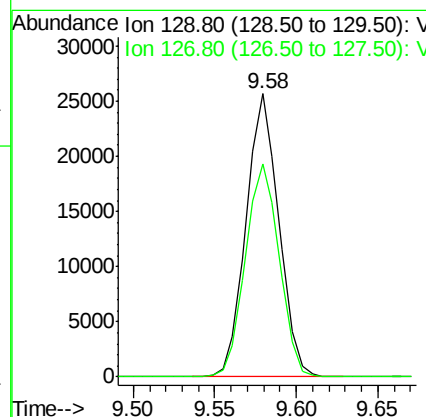
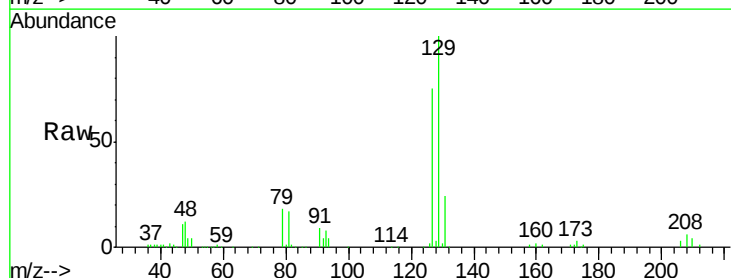
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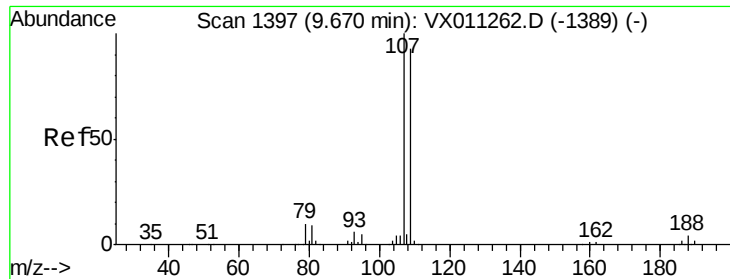
MMDadoda
8/12/2019 10:29:59 AM



#60
Dibromochloromethane
Concen: 19.814 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	39.2	117.6





#61

1,2-Dibromoethane

Concen: 19.376 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS02

Tot Ion:107 Resp: 37122

Ion Ratio Lower Upper

107 100

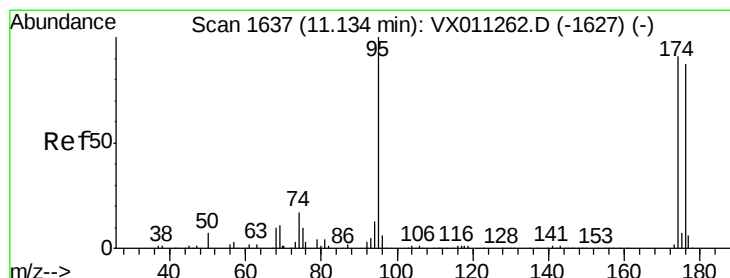
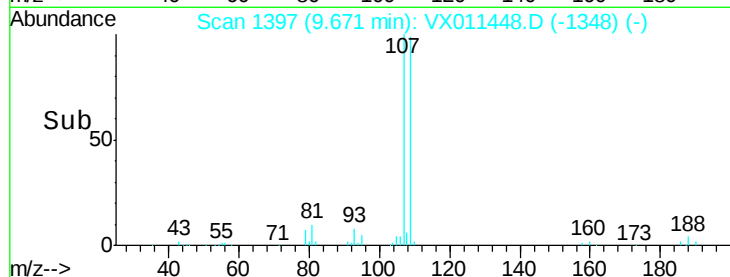
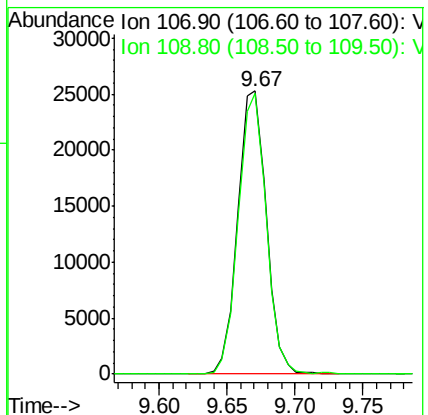
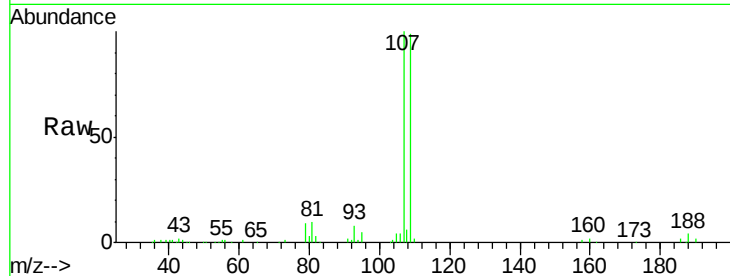
109 96.5 76.6 114.8

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8/12/2019 10:29:59 AM



#62

4-Bromofluorobenzene

Concen: 51.289 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

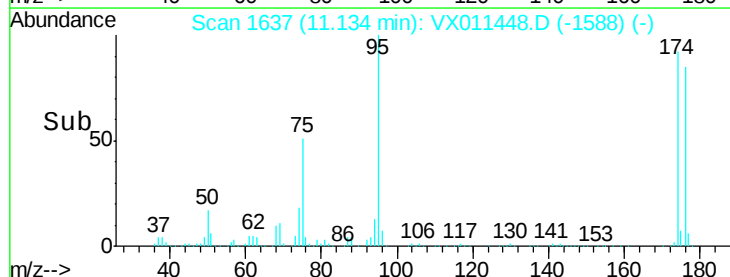
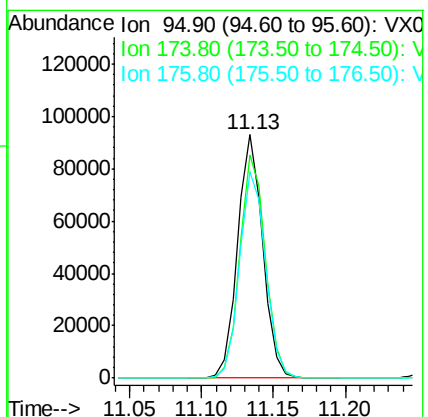
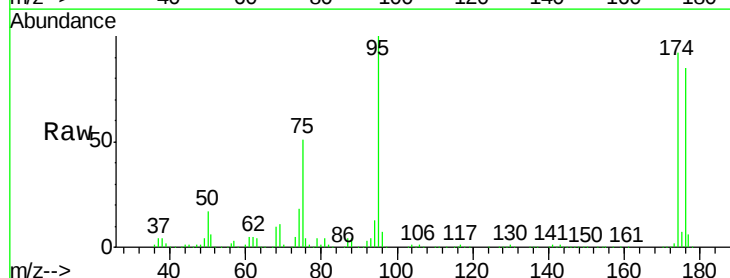
Tgt Ion: 95 Resp: 112989

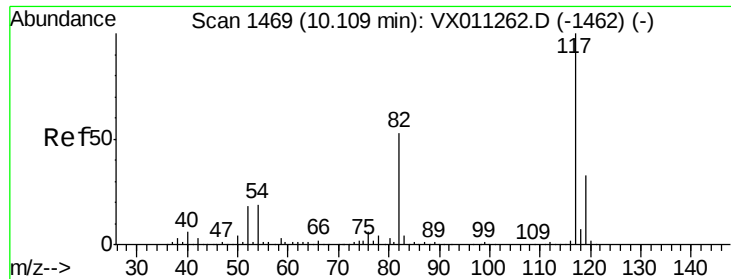
Ion Ratio Lower Upper

95 100

174 93.0 0.0 191.2

176 87.3 0.0 184.8





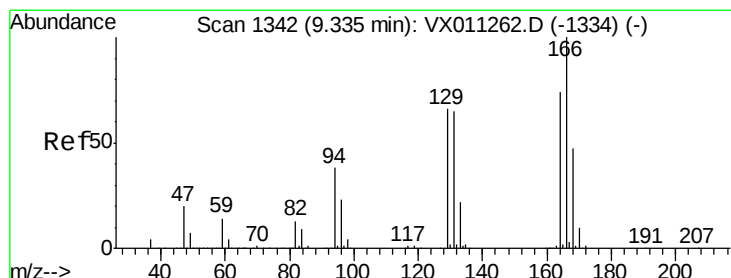
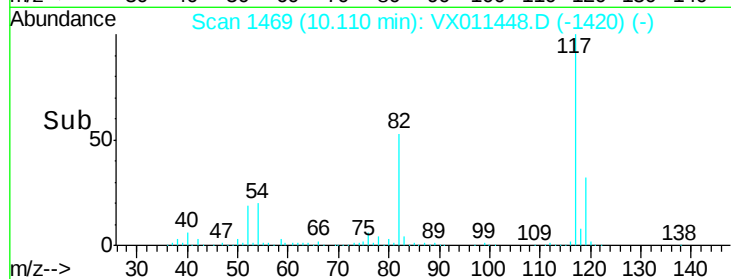
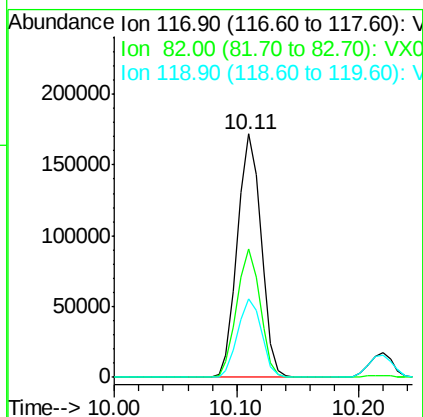
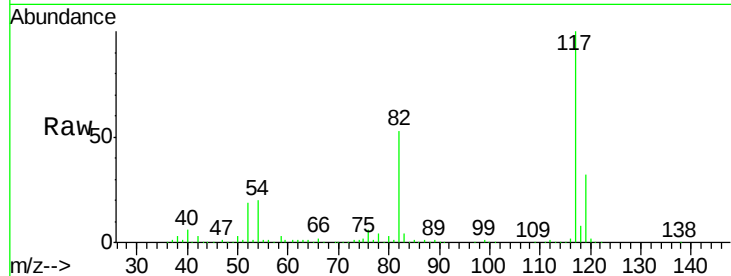
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	230788		
82	52.6		42.2	63.2
119	32.0		26.6	39.8

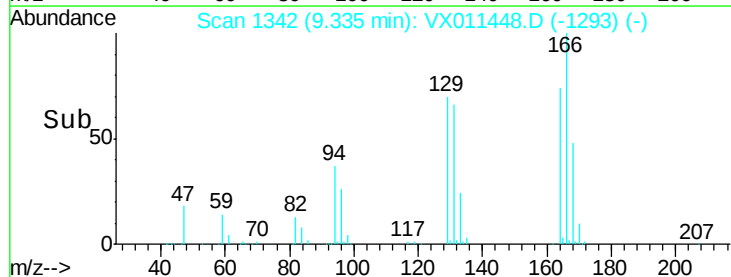
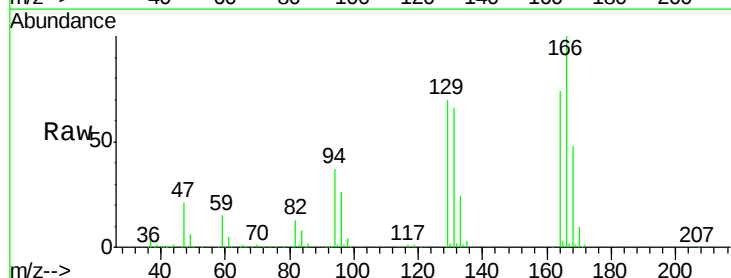
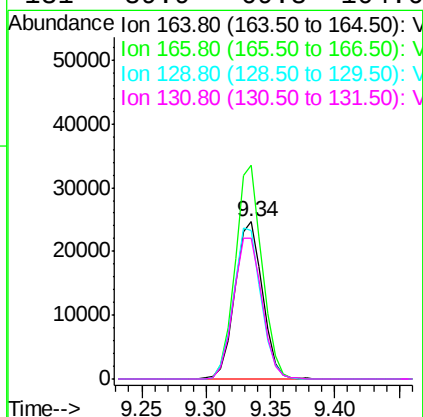
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#64
Tetrachloroethene
Concen: 18.676 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	36604		
166	136.0		107.5	161.3
129	94.9		71.0	106.4
131	89.9		69.8	104.6





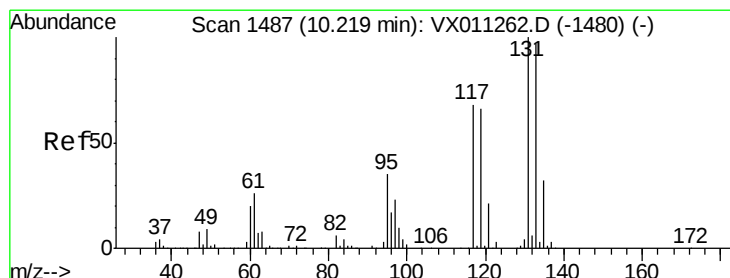
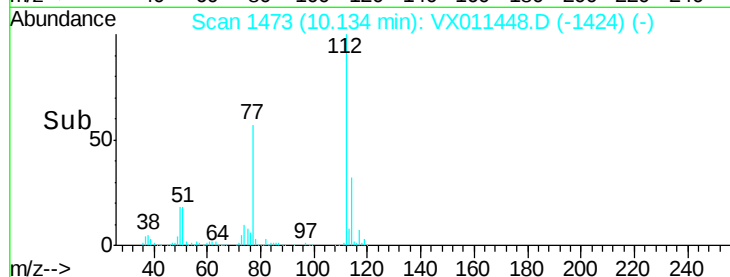
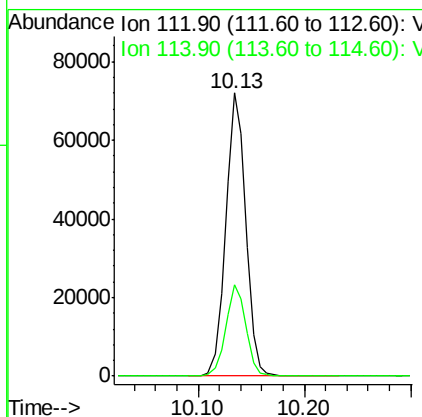
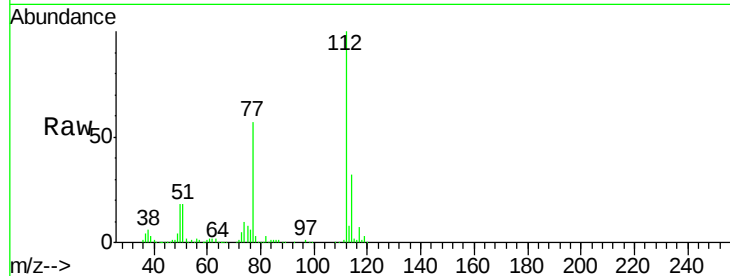
#65
Chlorobenzene
Concen: 19.119 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS02

Tot Ion:112 Resp: 94610
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9

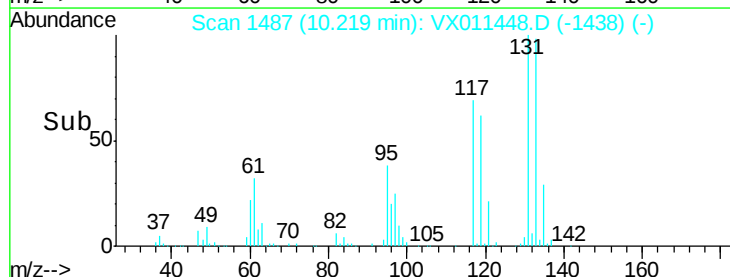
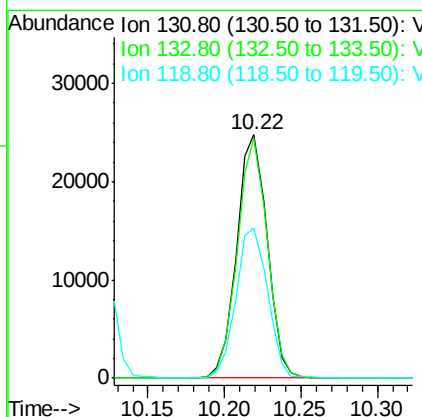
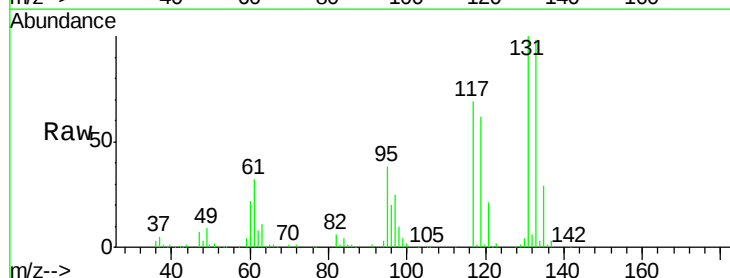
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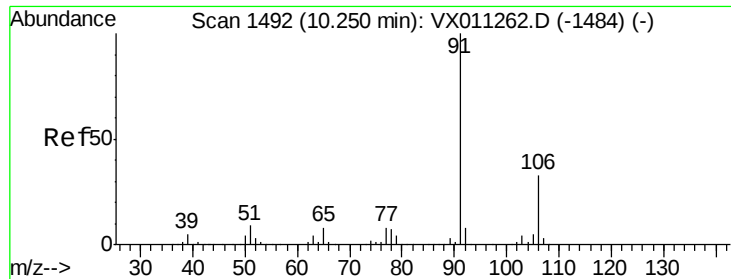
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.189 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Tgt Ion:131 Resp: 34203
Ion Ratio Lower Upper
131 100
133 96.4 47.7 143.1
119 64.3 32.8 98.3





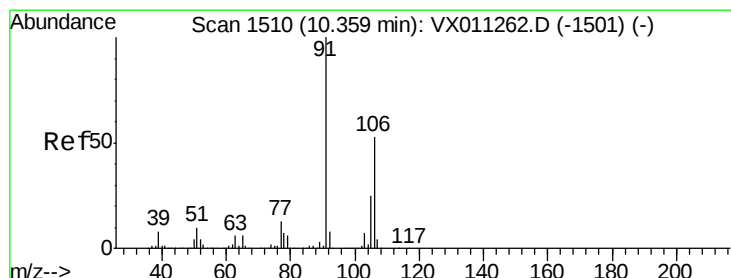
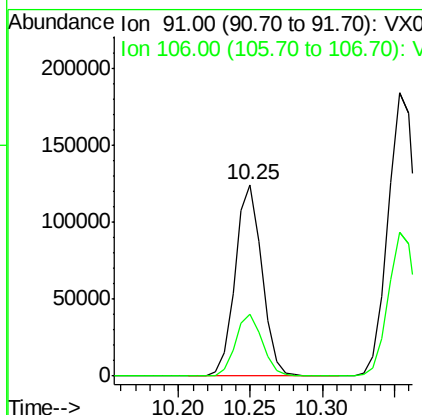
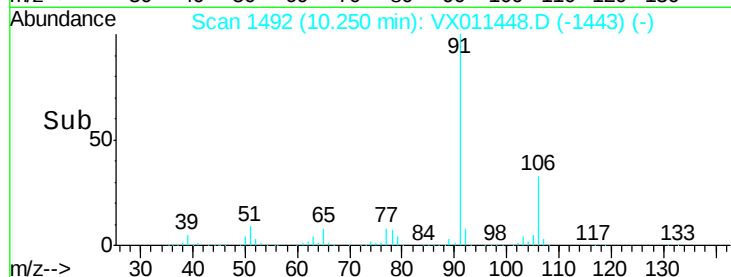
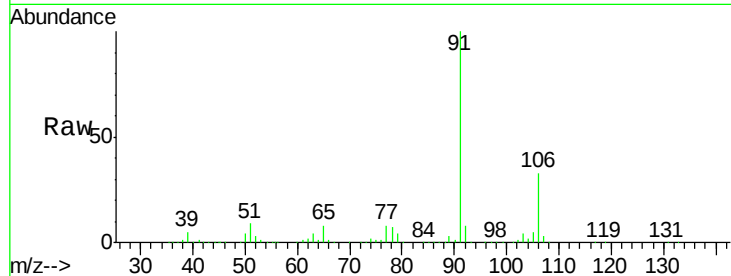
#67
Ethyl Benzene
Concen: 19.506 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS02

Tot Ion: 91 Resp: 161652
Ion Ratio Lower Upper
91 100
106 32.5 26.2 39.4

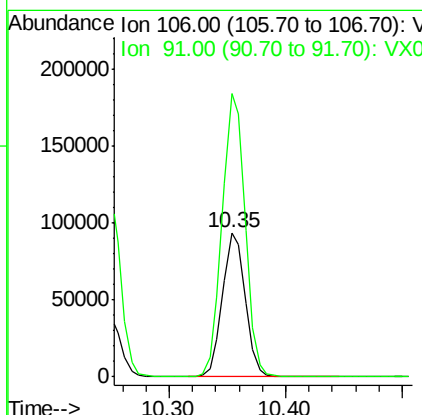
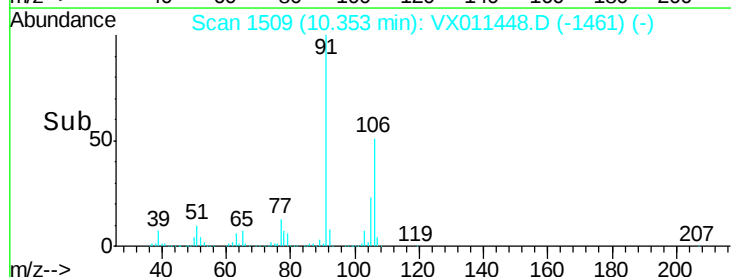
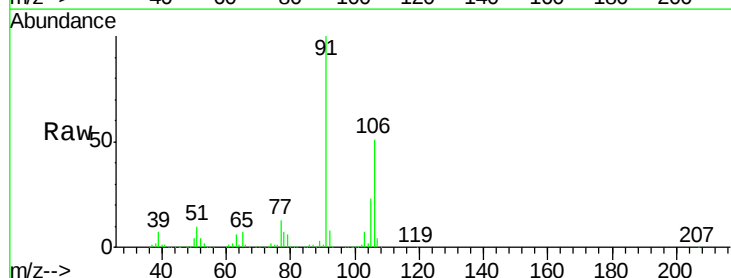
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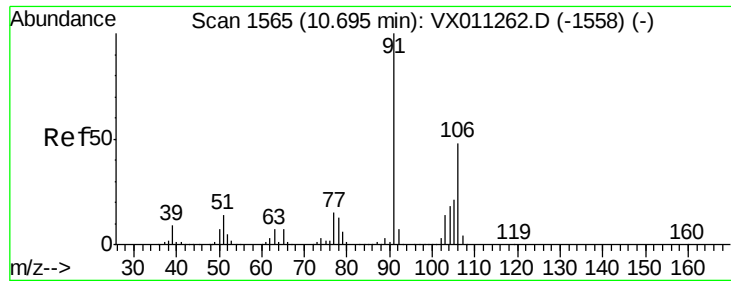
MMDadoda
8/12/2019 10:29:59 AM



#68
m/p-Xylenes
Concen: 39.400 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Tgt Ion: 106 Resp: 126299
Ion Ratio Lower Upper
106 100
91 199.2 155.9 233.9





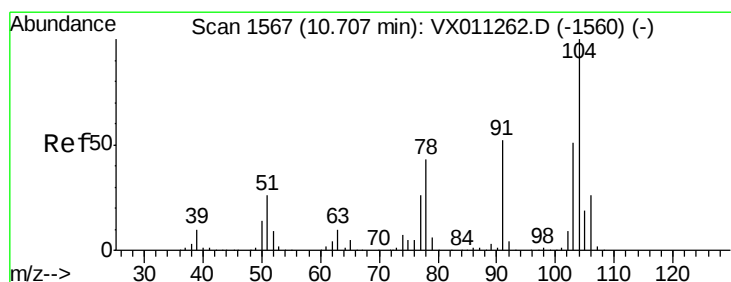
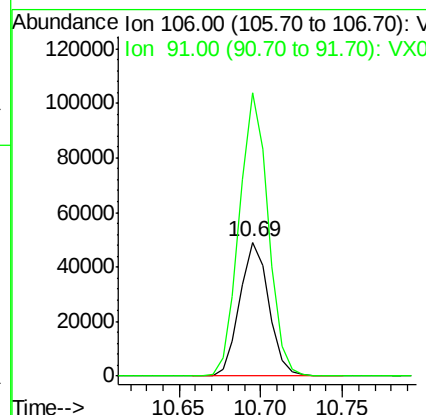
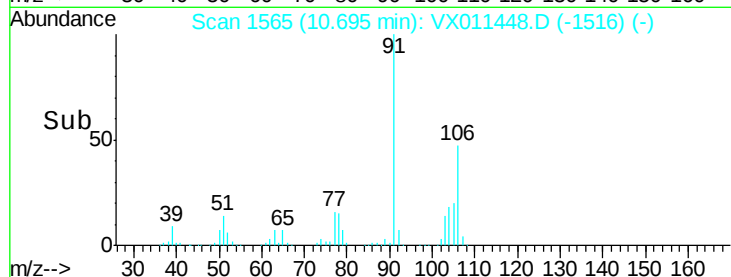
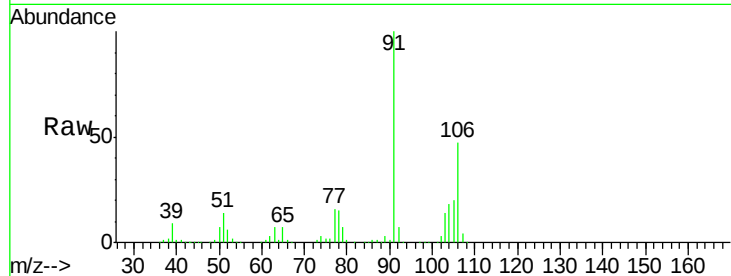
#69
o-Xylene
Concen: 19.399 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.3	103.8	311.3

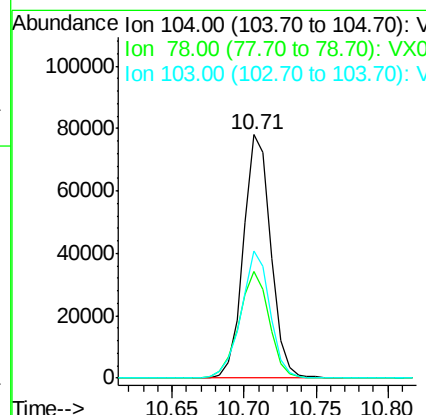
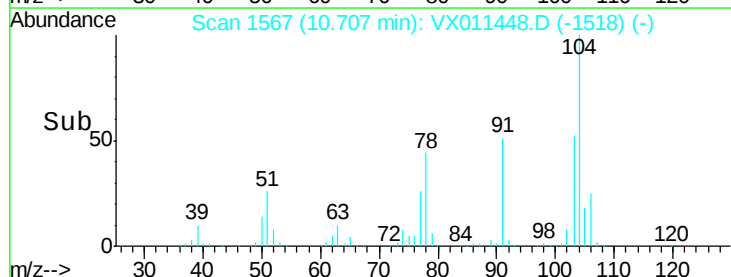
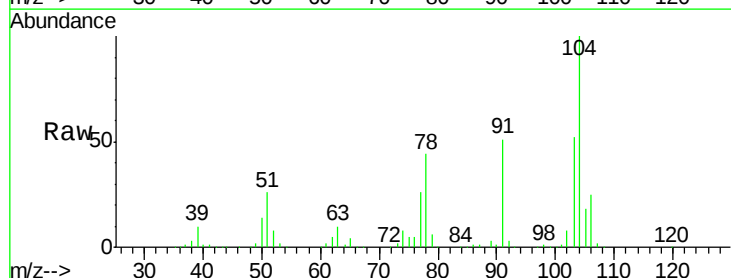
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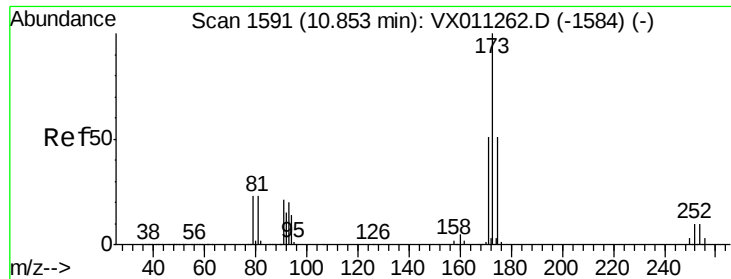
MMDadoda
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#70
Styrene
Concen: 19.726 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	36.9	55.3
103	55.3	44.4	66.6





#71

Bromoform

Concen: 19.049 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS02

Tot Ion:173 Resp: 26035

Ion Ratio Lower Upper

173 100

175 48.2 24.4 73.4

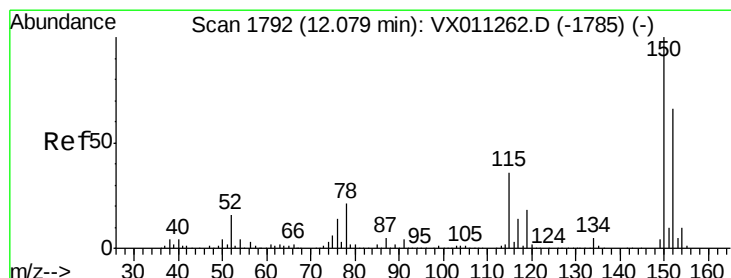
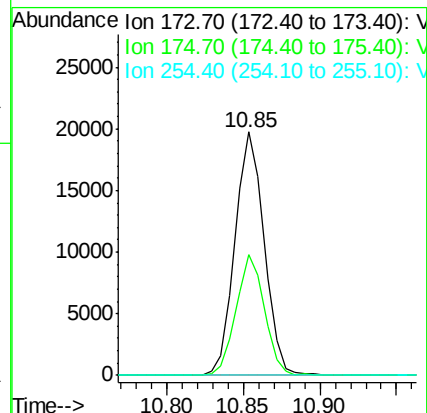
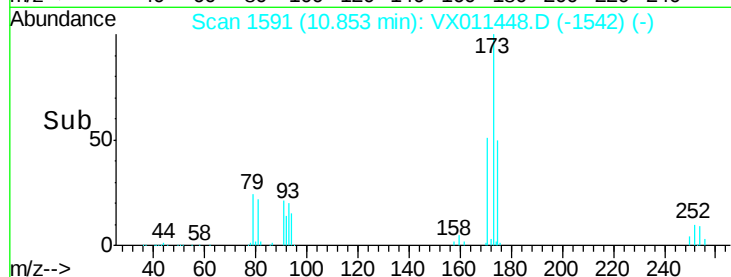
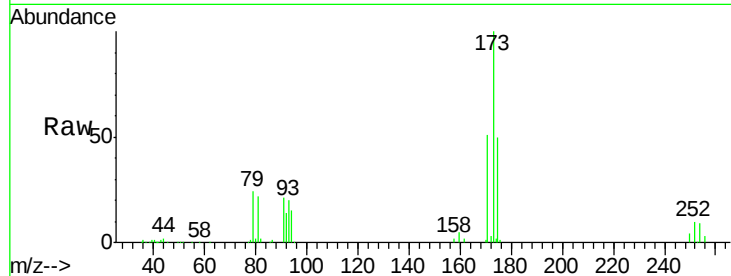
254 0.0 0.2 0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

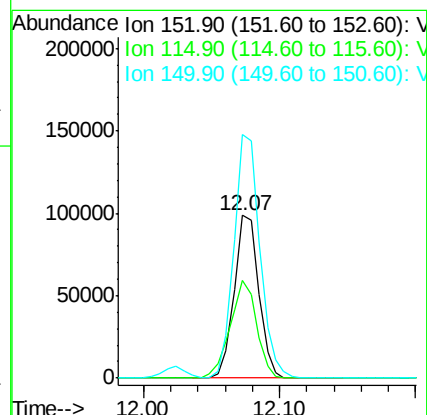
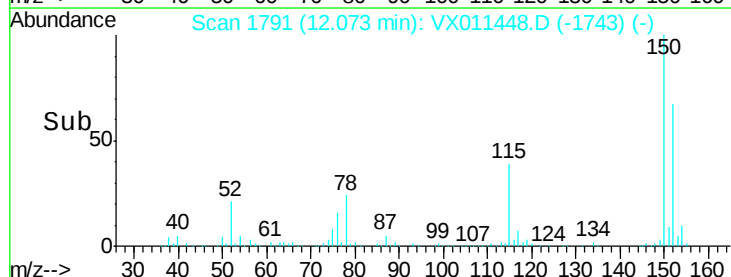
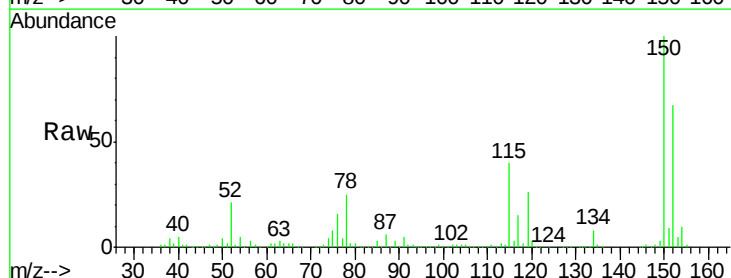
Tgt Ion:152 Resp: 123794

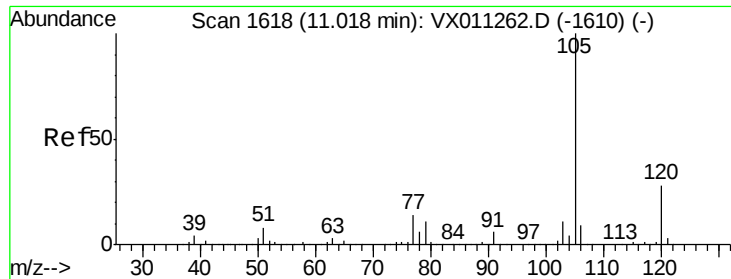
Ion Ratio Lower Upper

152 100

115 64.6 40.0 119.9

150 158.5 0.0 350.4





#73

Isopropylbenzene

Concen: 19.335 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS02

Tot Ion: 105 Resp: 163706

Ion Ratio Lower Upper

105 100

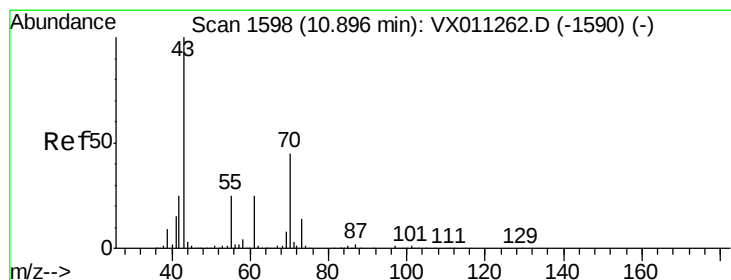
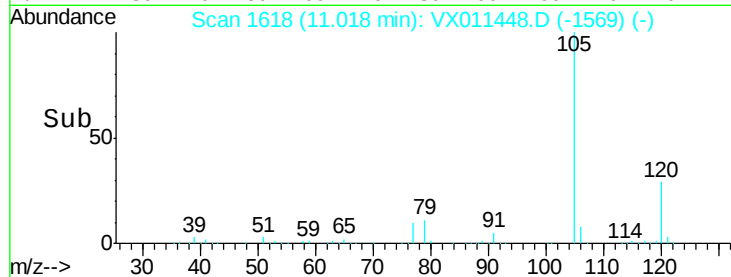
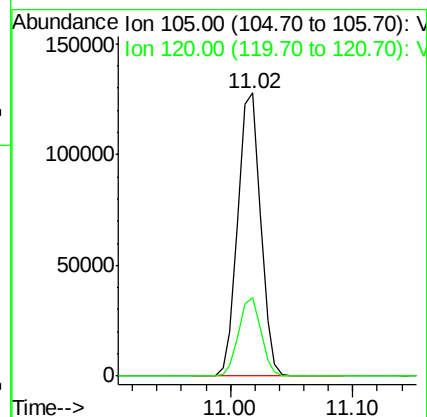
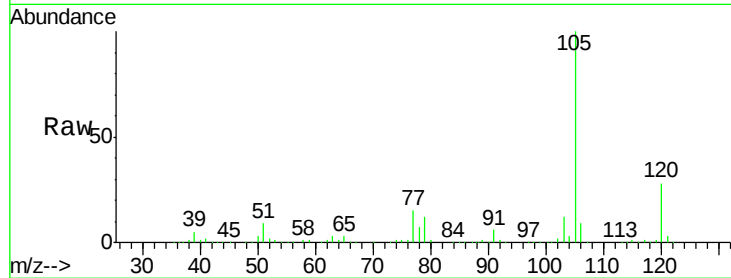
120 27.4 13.7 41.1

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#74

N-ethyl acetate

Concen: 20.451 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Tgt Ion: 43 Resp: 62564

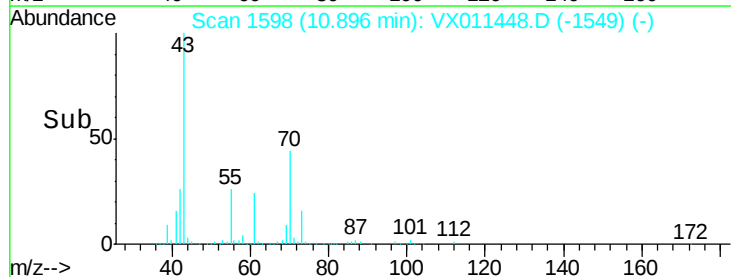
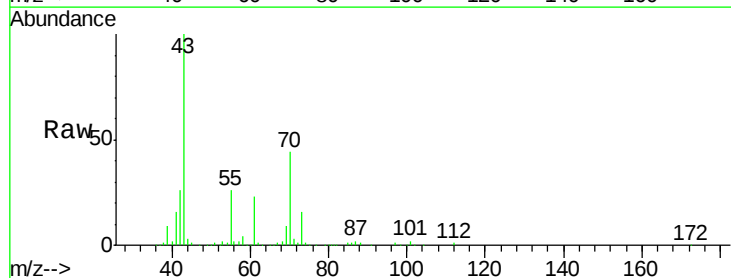
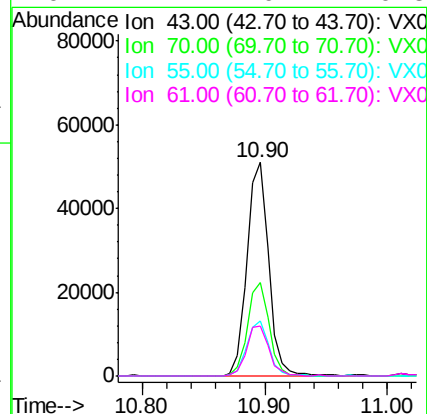
Ion Ratio Lower Upper

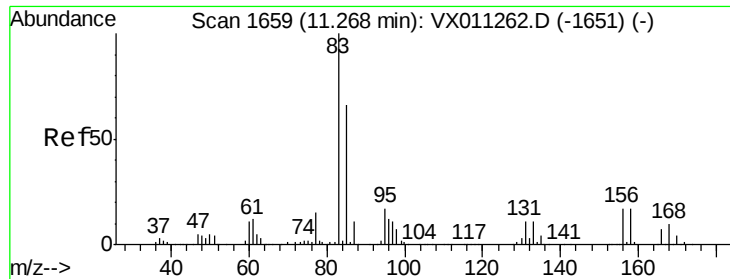
43 100

70 43.6 35.9 53.9

55 26.3 19.8 29.6

61 24.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.826 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS02

Tot Ion: 83 Resp: 55939

Ion Ratio Lower Upper

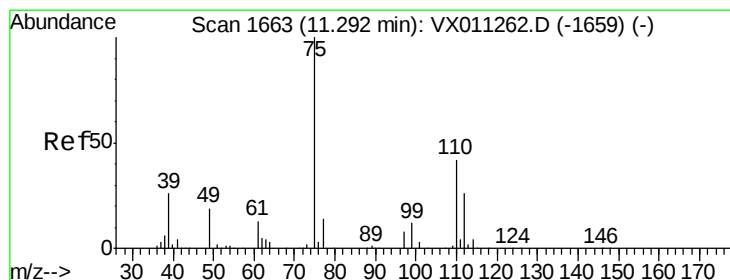
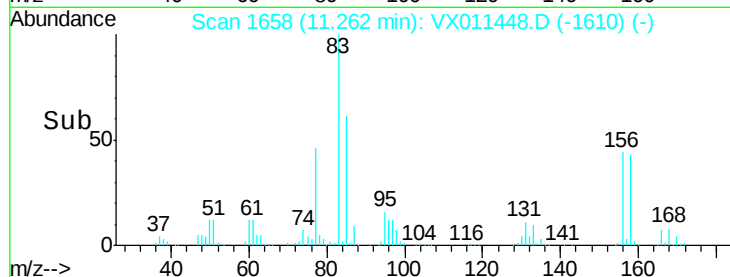
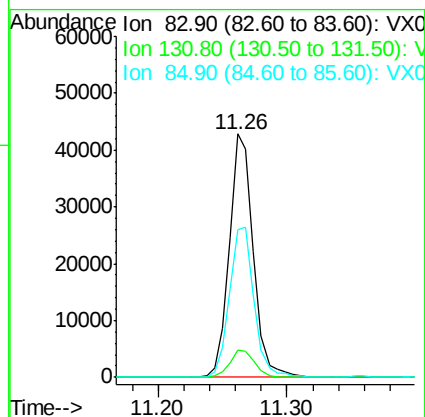
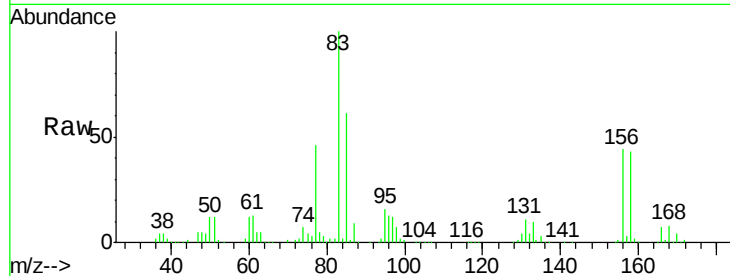
83 100

131 11.6 5.6 16.8

85 63.9 32.1 96.5

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#76

1,2,3-Trichloropropane

Concen: 21.231 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011448.D

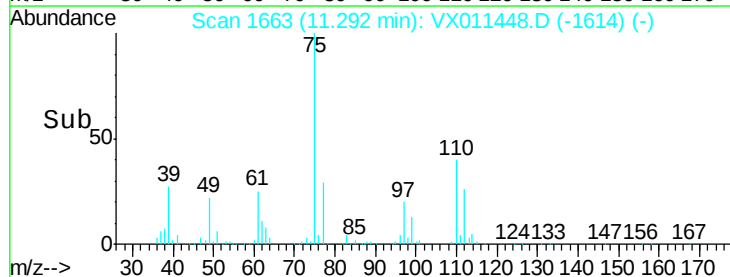
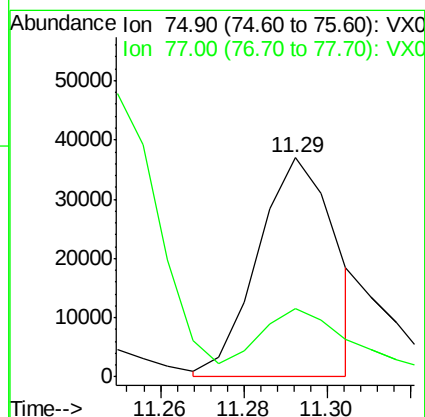
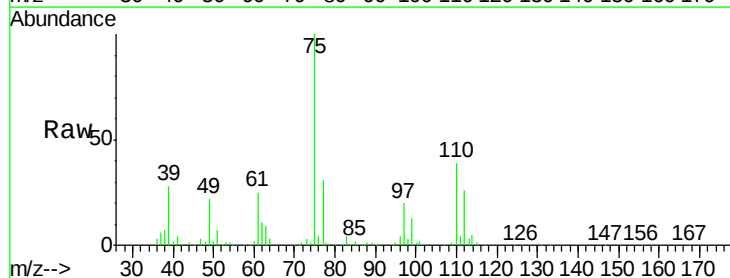
Acq: 11 Aug 2019 22:51

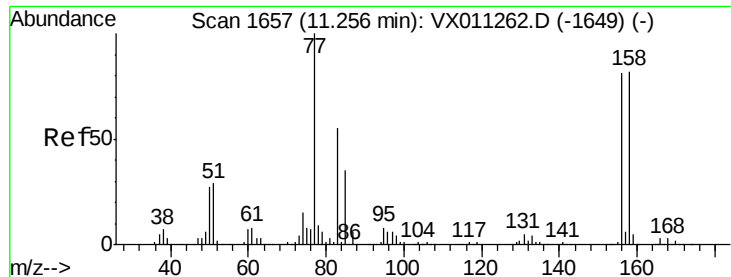
Tgt Ion: 75 Resp: 47865

Ion Ratio Lower Upper

75 100

77 38.4 21.1 63.4





#77

Bromobenzene

Concen: 19.365 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

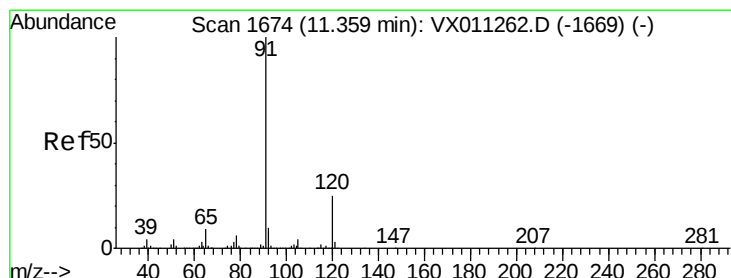
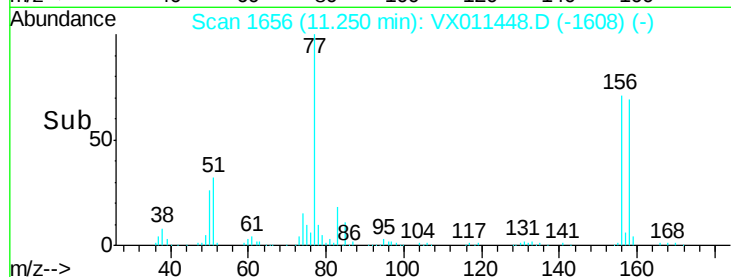
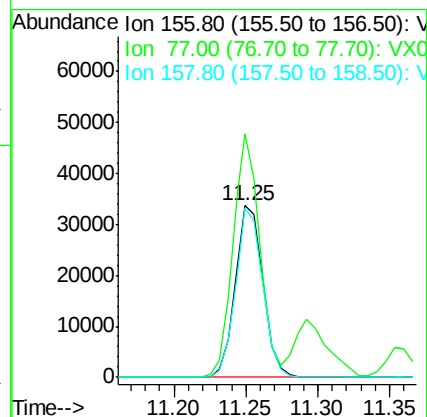
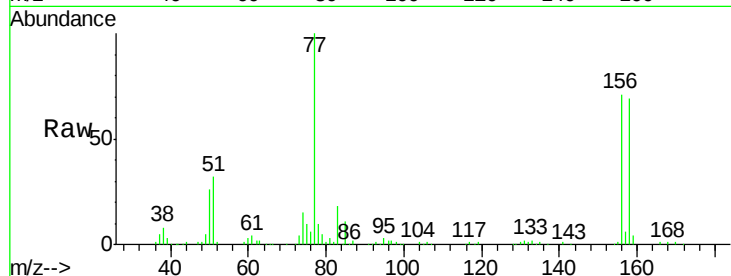
ClientSampleId :

VX0811WBS02

Tot Ion:	156	Resp:	45464
Ion	Ratio	Lower	Upper
156	100		
77	136.8	66.2	198.6
158	95.9	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 19.346 ug/l

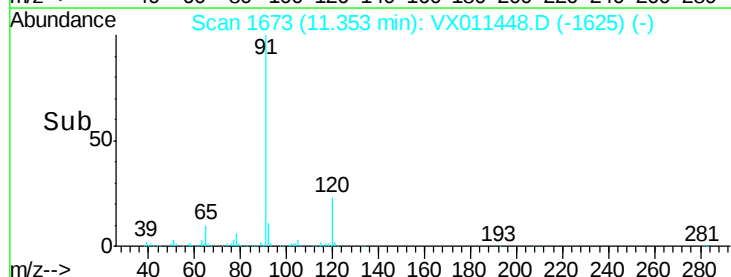
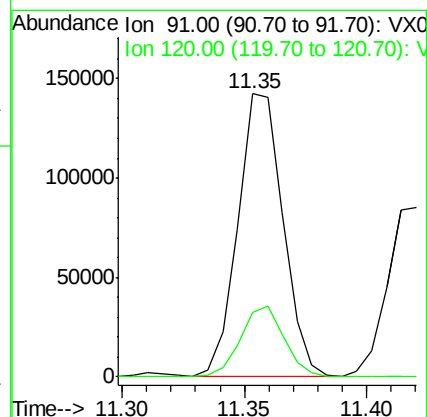
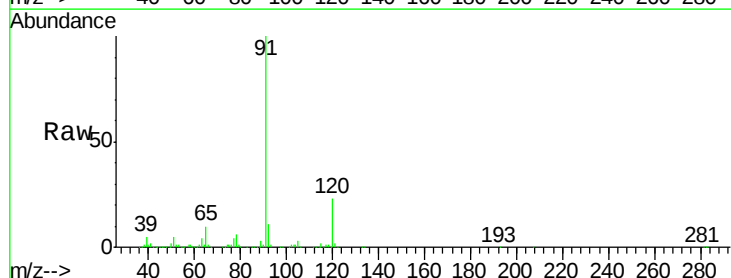
RT: 11.35 min Scan# 1673

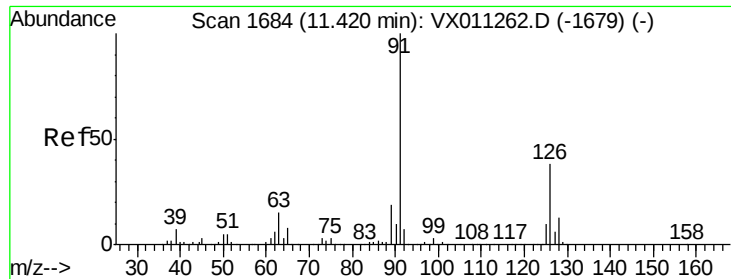
Delta R.T. -0.01 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Tgt Ion:	91	Resp:	182153
Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.4	37.0





#79

2-Chlorotoluene

Concen: 19.516 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS02

Tot Ion: 91 Resp: 109523

Ion Ratio Lower Upper

91 100

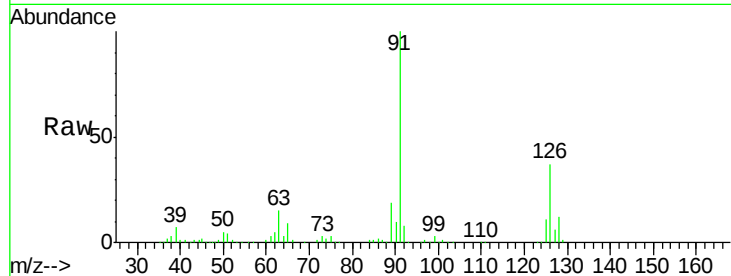
126 36.6 18.5 55.5

Manual Integrations

APPROVED

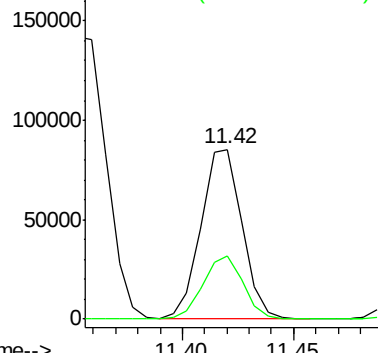
MMDadoda

8/12/2019 10:29:59 AM

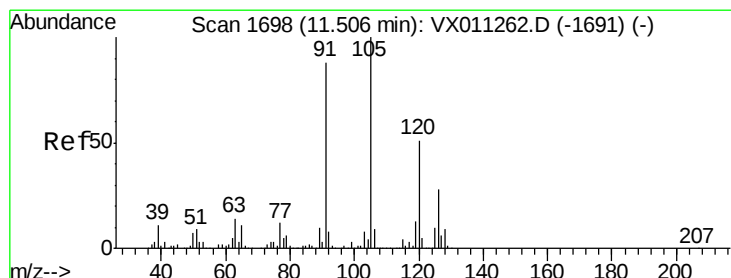
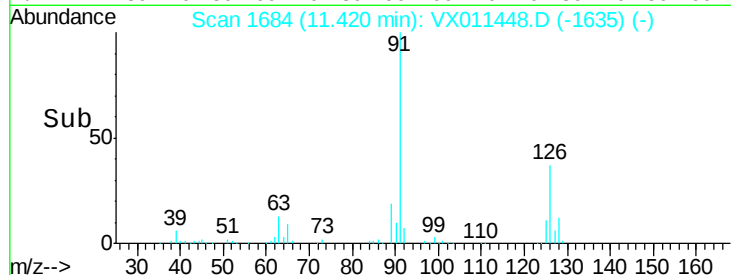


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.261 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011448.D

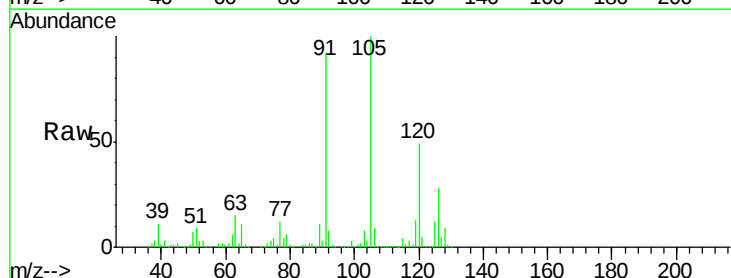
Acq: 11 Aug 2019 22:51

Tgt Ion:105 Resp: 136509

Ion Ratio Lower Upper

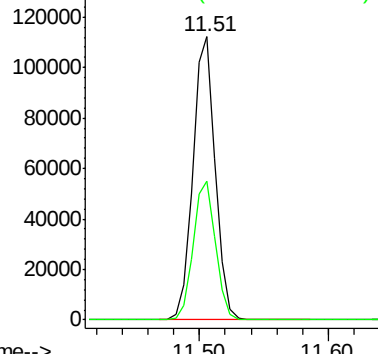
105 100

120 49.1 25.1 75.2

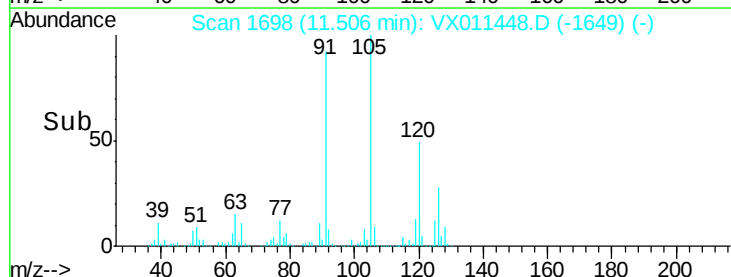


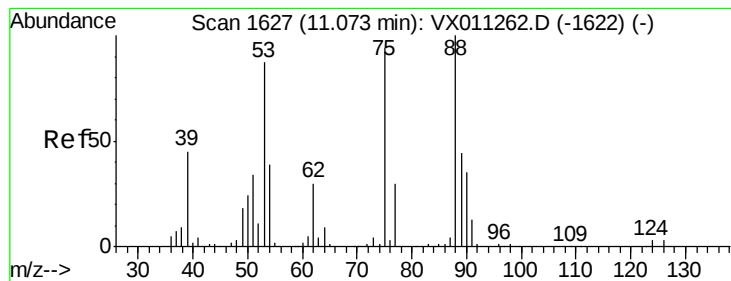
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.907 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS02

Tot Ion: 75 Resp: 12420

Ion Ratio Lower Upper

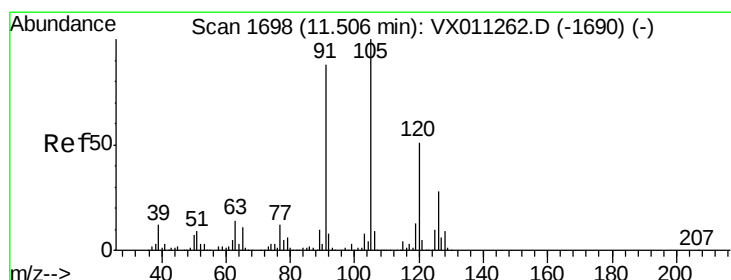
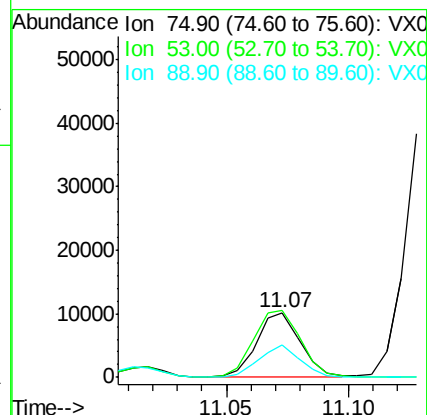
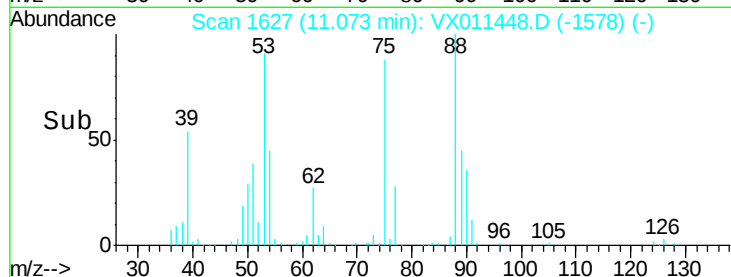
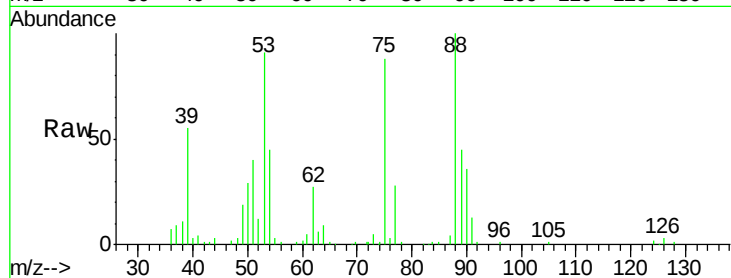
75 100

53 114.4 78.2 117.4

89 48.8 37.9 56.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.521 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011448.D

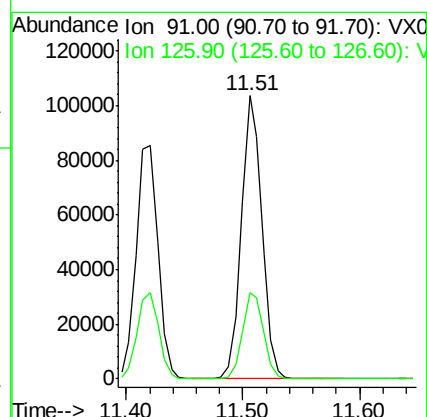
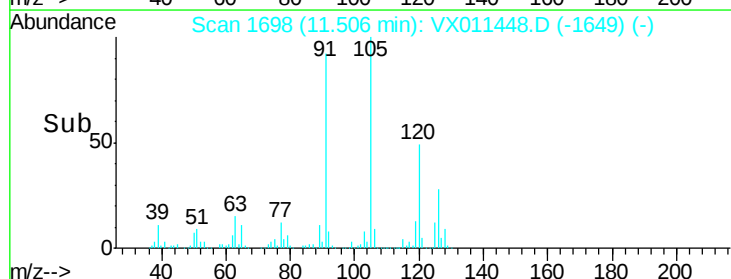
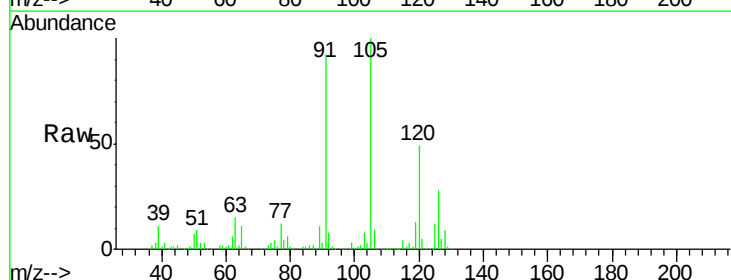
Acq: 11 Aug 2019 22:51

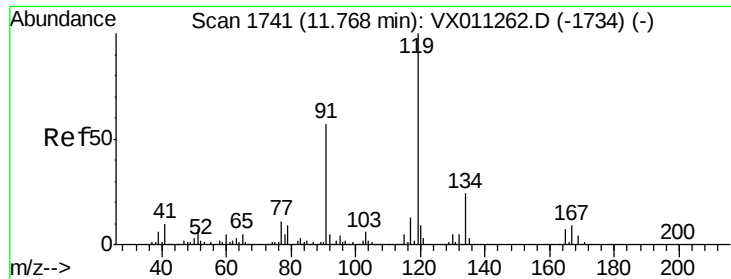
Tgt Ion: 91 Resp: 127674

Ion Ratio Lower Upper

91 100

126 31.1 16.4 49.2





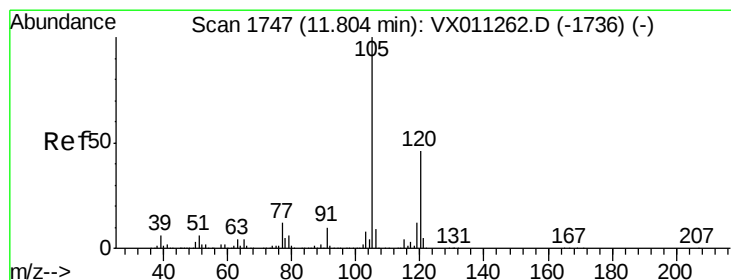
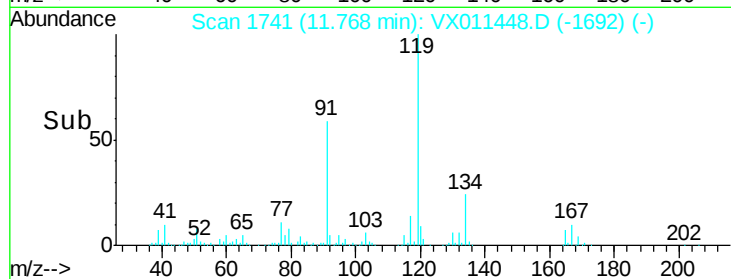
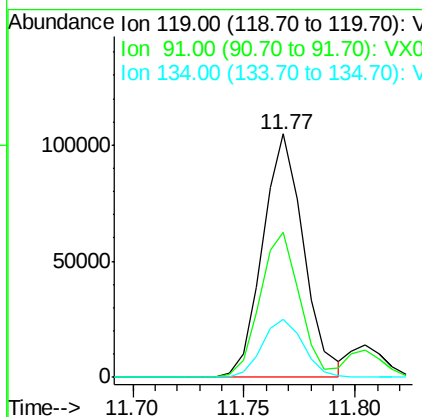
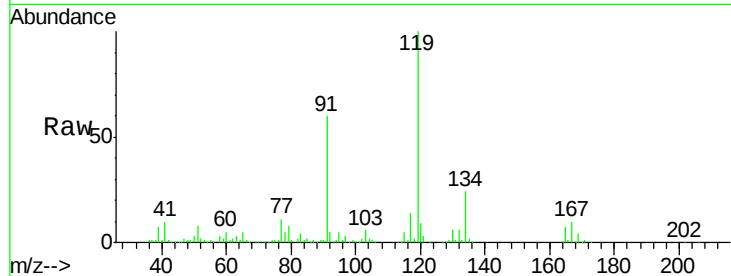
#83
tert-Butylbenzene
Concen: 19.223 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Instrument :
MSVOA_X
ClientSampled :
VX0811WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	133624		
91	57.3	28.0	84.0	
134	24.0	11.9	35.5	

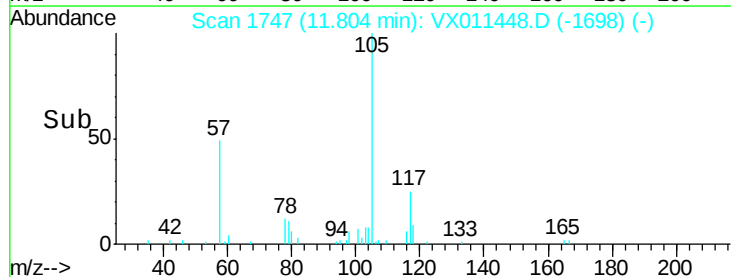
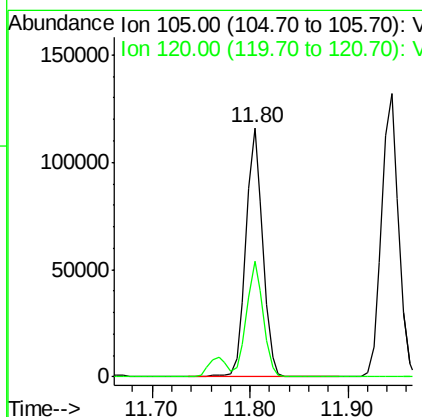
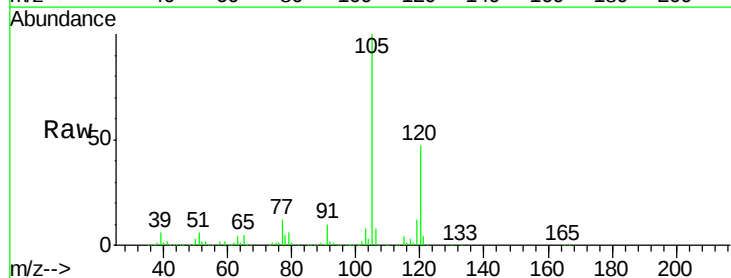
Manual Integrations
APPROVED

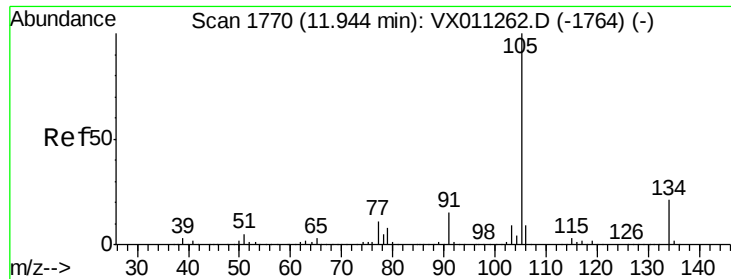
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#84
1,2,4-Trimethylbenzene
Concen: 19.682 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	138883		
120	45.7	23.0	69.0	





#85

sec-Butylbenzene

Concen: 19.048 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

ClientSampled :

VX0811WBS02

Tot Ion:105 Resp: 159082

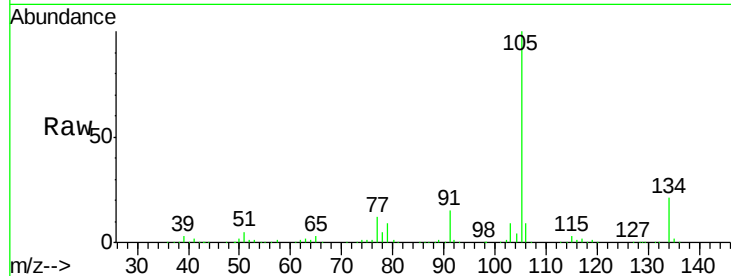
Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4

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

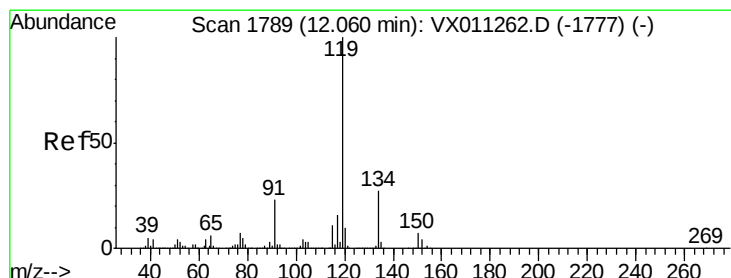
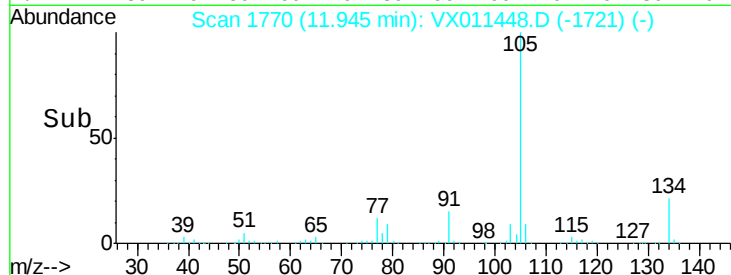
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.136 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

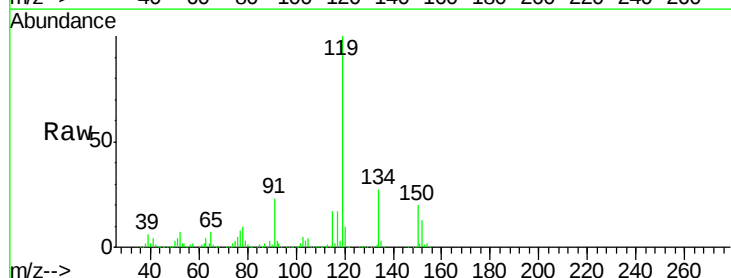
Tgt Ion:119 Resp: 147024

Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.0

91 23.5 11.4 34.2



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

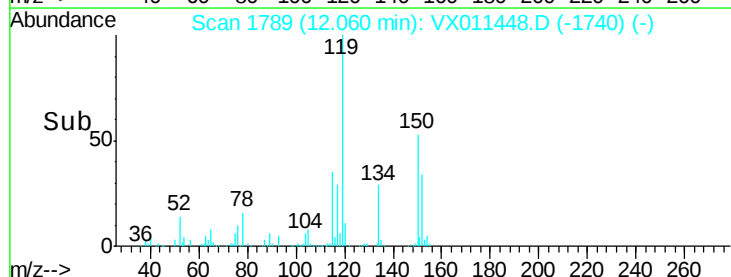
150000

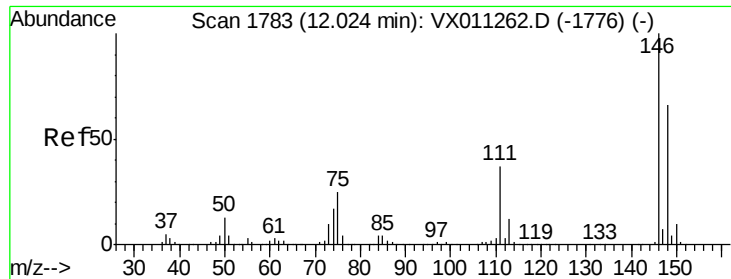
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.165 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

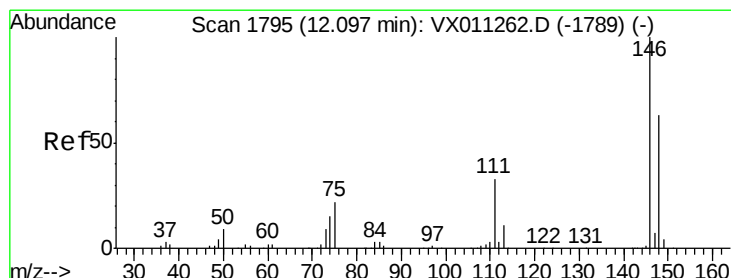
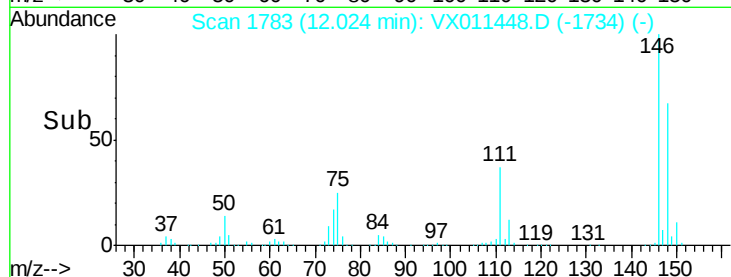
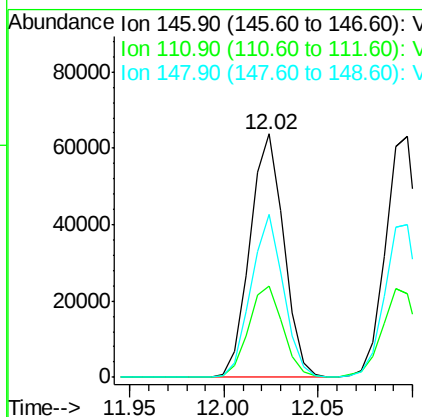
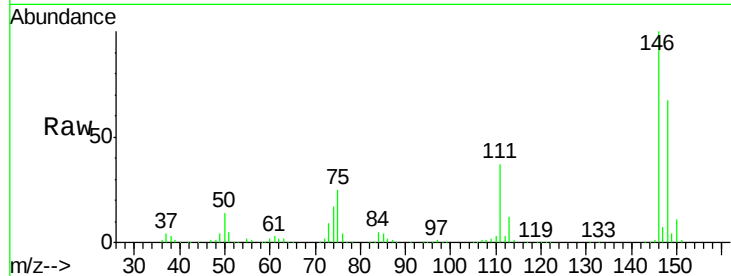
ClientSampleId :

VX0811WBS02

Tot Ion:	146	Resp:	79502
Ion Ratio	Lower	Upper	
146	100		
111	37.9	18.6	55.8
148	64.0	32.5	97.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.583 ug/l

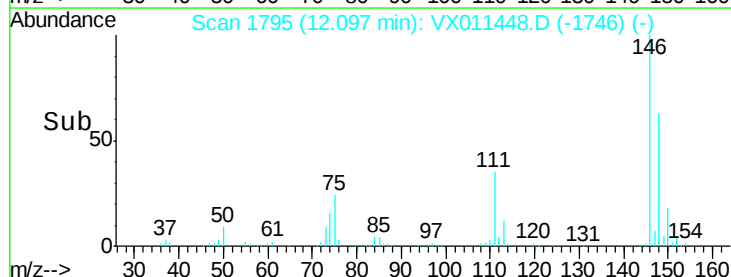
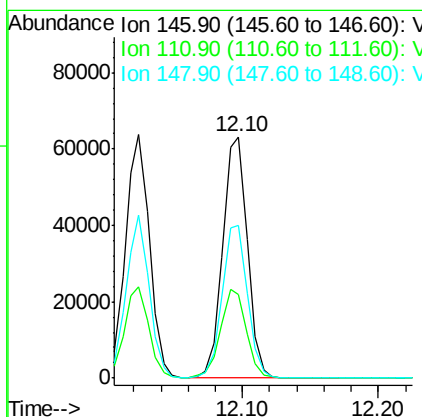
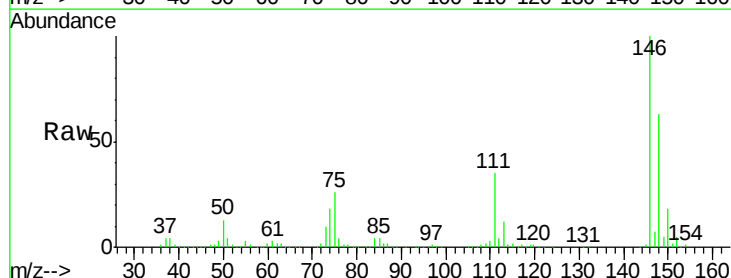
RT: 12.10 min Scan# 1795

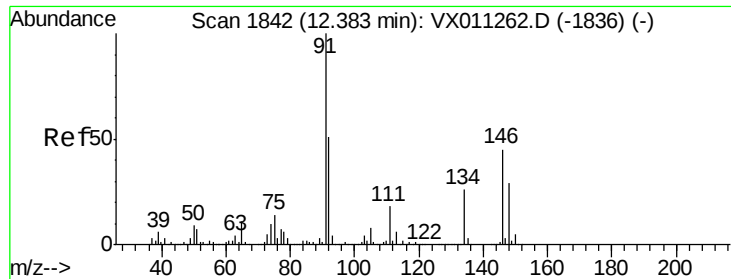
Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Tgt Ion:	146	Resp:	79491
Ion Ratio	Lower	Upper	
146	100		
111	38.8	17.8	53.4
148	65.1	31.8	95.3





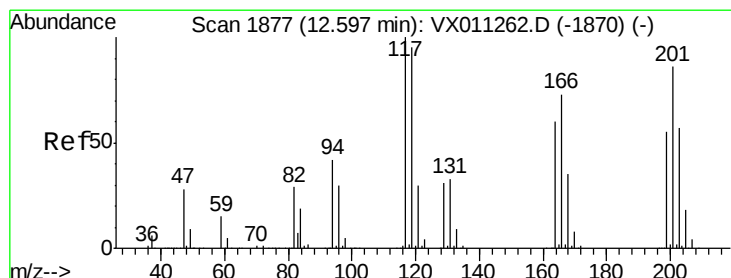
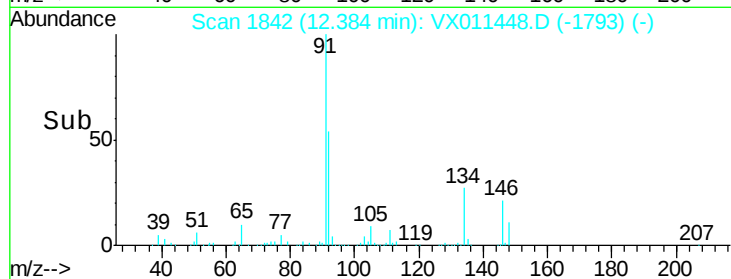
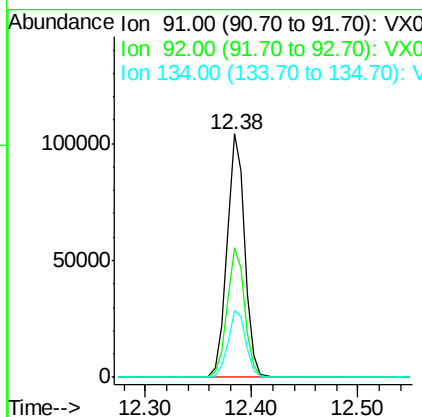
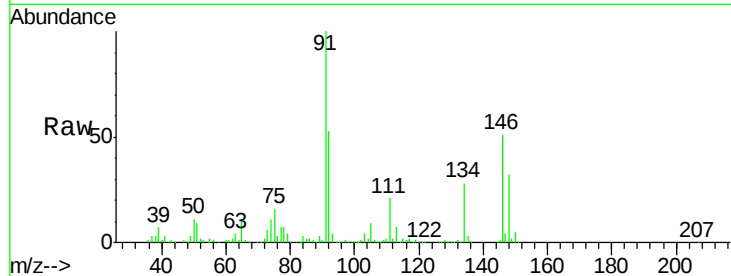
#89
n-Butylbenzene
Concen: 18.356 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	121503		
92	53.0		25.8	77.3
134	27.6		13.7	41.0

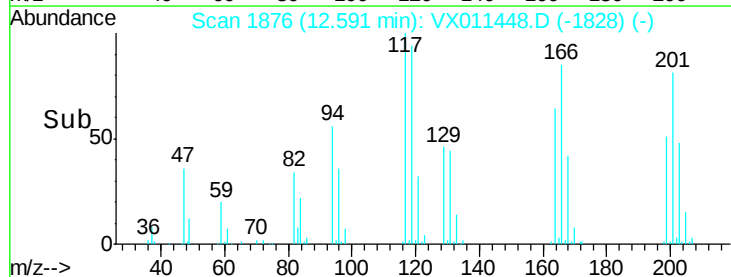
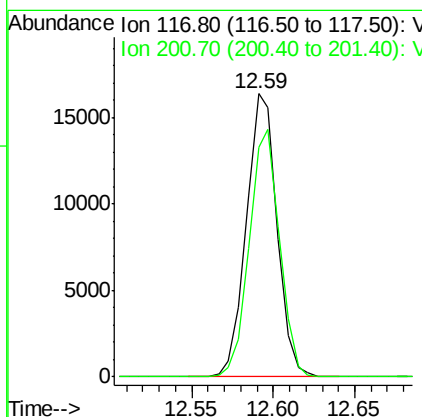
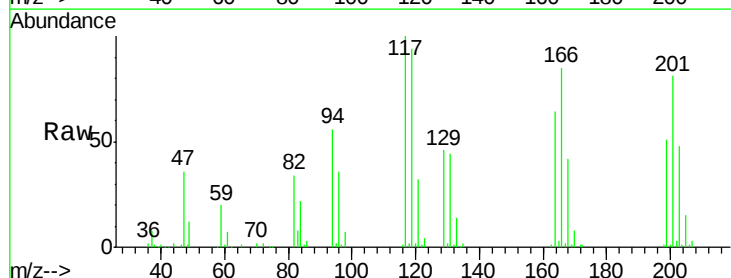
Manual Integrations
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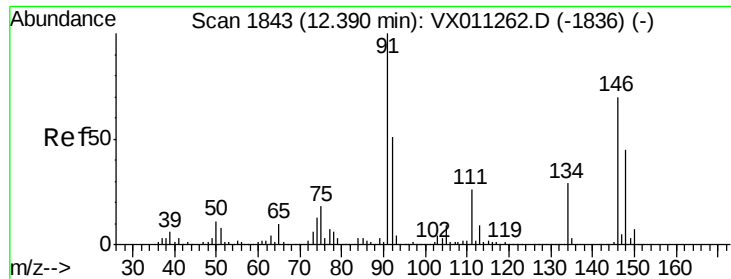
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#90
Hexachloroethane
Concen: 18.939 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011448.D
Acq: 11 Aug 2019 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	21513		
201	86.3		41.8	125.4





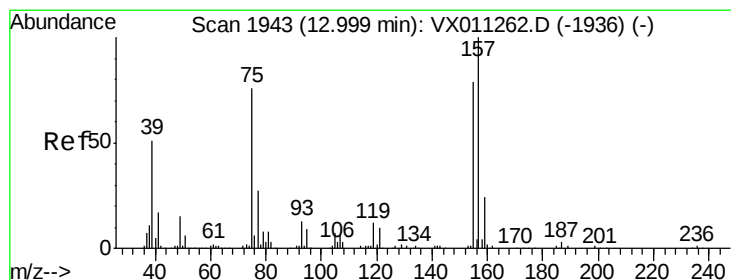
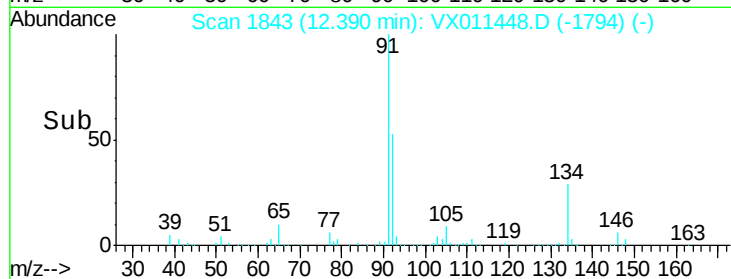
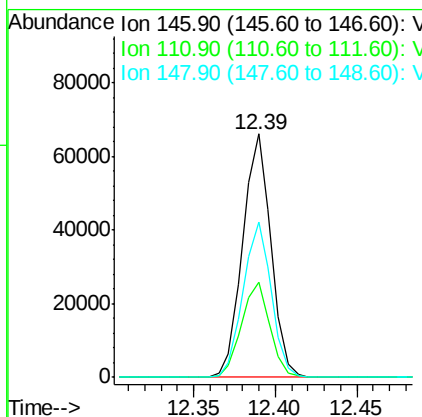
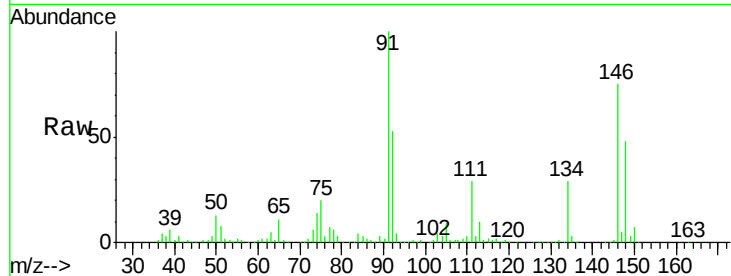
#91
 1,2-Dichlorobenzene
 Concen: 19.242 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011448.D
 Acq: 11 Aug 2019 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.1	57.1
148	63.9	32.3	96.8

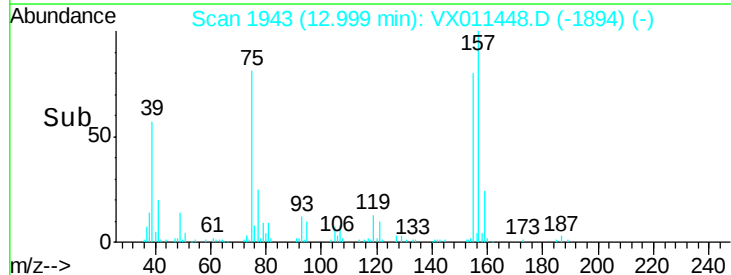
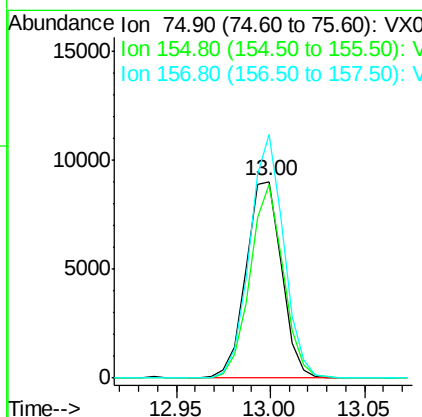
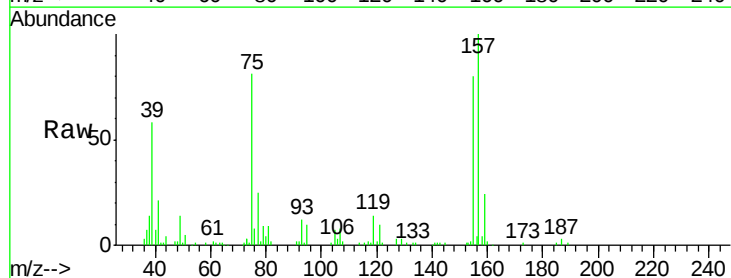
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.638 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011448.D
 Acq: 11 Aug 2019 22:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.1	51.9	155.8
157	117.6	64.3	192.7





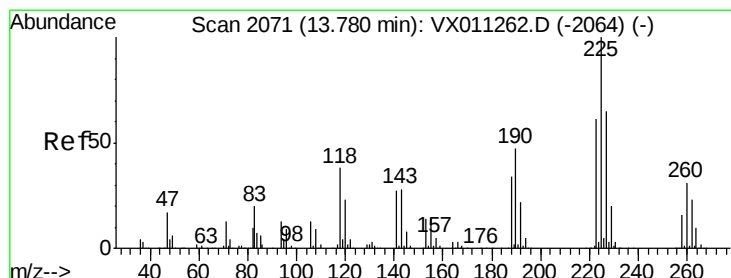
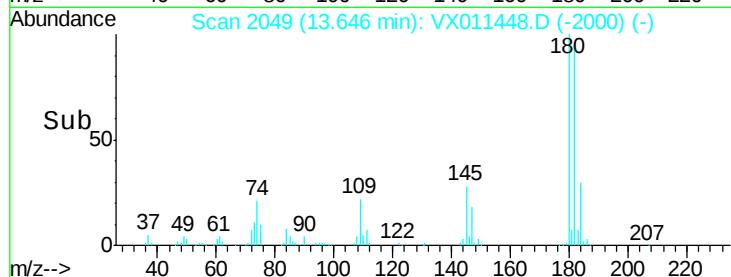
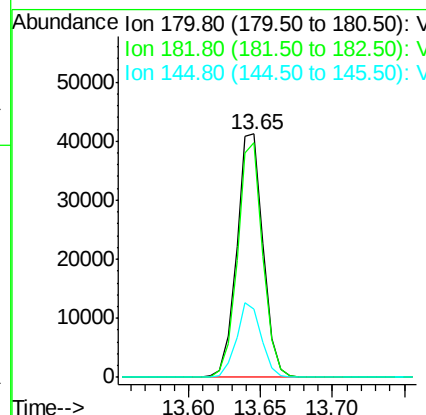
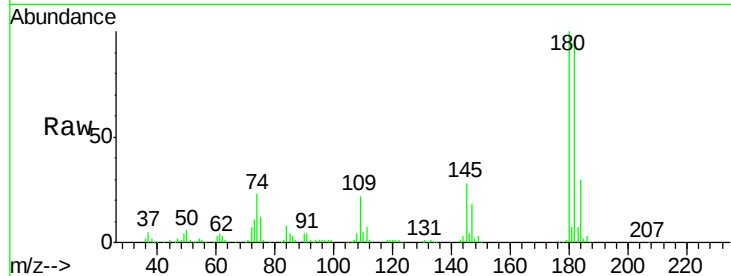
#93
 1,2,4-Trichlorobenzene
 Concen: 19.019 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011448.D
 Acq: 11 Aug 2019 22:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX0811WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	52571		
182	92.6	47.8	143.4	
145	29.0	14.8	44.3	

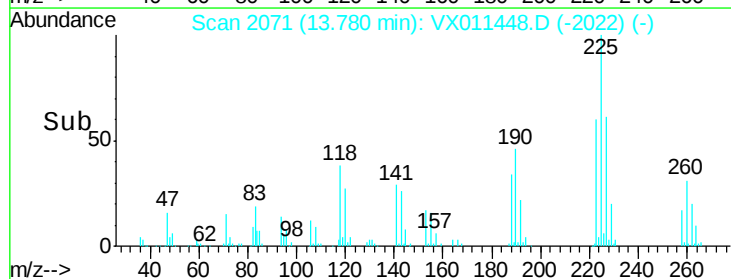
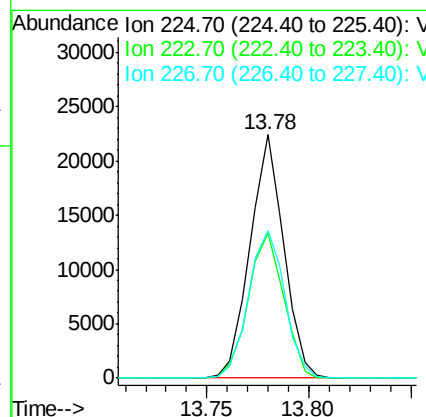
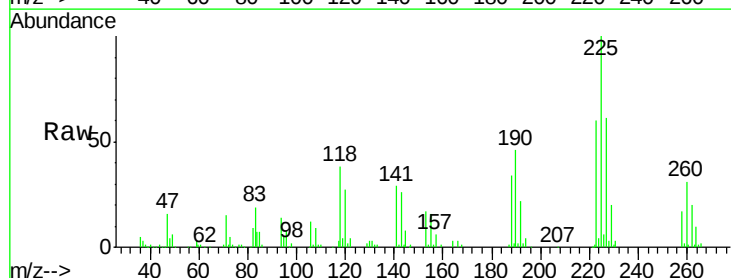
Manual Integrations
 APPROVED

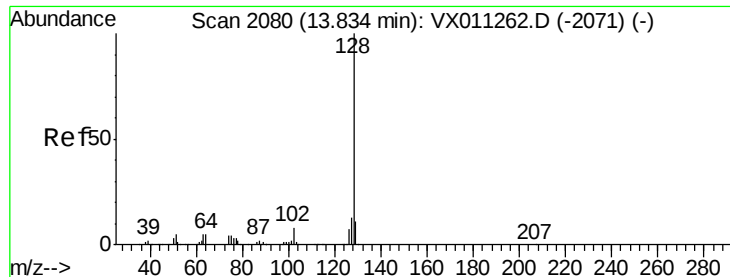
MMDadoda
 8/12/2019 10:29:59 AM



#94
 Hexachlorobutadiene
 Concen: 18.460 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011448.D
 Acq: 11 Aug 2019 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	25888		
223	62.5	31.0	93.0	
227	64.8	32.2	96.6	





#95

Naphthalene

Concen: 19.885 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Instrument :

MSVOA_X

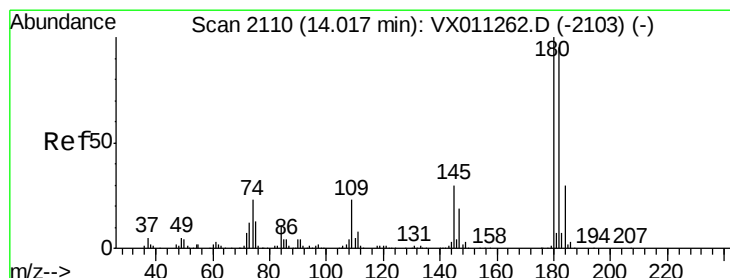
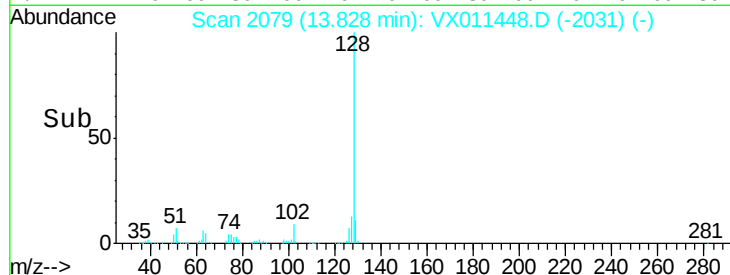
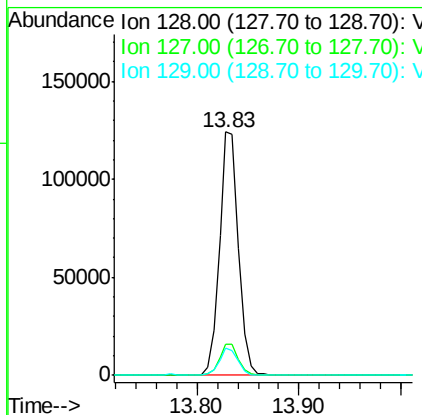
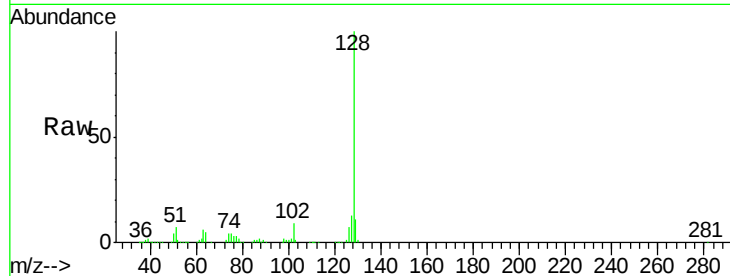
ClientSampleId :

VX0811WBS02

Tot Ion:	128	Resp:	160742
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/12/2019 10:29:59 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.195 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011448.D

Acq: 11 Aug 2019 22:51

Tgt Ion:	180	Resp:	53941
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.4	142.3
145	31.1	15.2	45.6

