

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032919\
 Data File : VX008535.D
 Acq On : 29 Mar 2019 09:30
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
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MMDado
 da
 3/30/2019 9:50:11 AM

Quant Time: Mar 29 14:45:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	45414	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	265553	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	234653	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	113661	29.92	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.73%
60) 4-Bromofluorobenzene	11.13	95	123230	30.14	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.47%
63) Toluene-d8	8.71	98	337544	30.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	64779	20.860	ug/l 98
3) Chloromethane	1.32	50	80136	19.696	ug/l 98
4) Vinyl Chloride	1.40	62	81469	19.865	ug/l 97
5) Bromomethane	1.64	94	33322	15.681	ug/l 99
6) Chloroethane	1.71	64	48176	17.948	ug/l 97
7) Trichlorofluoromethane	1.93	101	92286	20.274	ug/l 99
8) Diethyl Ether	2.18	74	41528	19.345	ug/l 77
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57629	20.329	ug/l 93
10) 1,1-Dichloroethene	2.37	96	57578	20.021	ug/l 86
11) Methyl Iodide	2.51	142	39966	13.421	ug/l 95
12) Methyl Acetate	3.19	43	46504	19.951	ug/l 93
13) Acrolein	2.29	56	49786	74.453	ug/l 96
14) Acrylonitrile	3.14	53	214483	99.528	ug/l 99
15) Acetone	2.44	58	71441	107.504	ug/l 94
16) Carbon Disulfide	2.57	76	177014	19.786	ug/l 100
17) Allyl chloride	2.73	41	129505	20.037	ug/l 91
18) Methylene Chloride	2.85	84	69099	20.100	ug/l 89
19) trans-1,2-Dichloroethene	3.16	96	61444	19.998	ug/l 87
20) Diisopropyl ether	3.85	45	253228	20.129	ug/l # 86
21) 1,1-Dichloroethane	3.69	63	127002	20.112	ug/l 96
22) cis-1,2-Dichloroethene	4.59	96	70962	19.986	ug/l # 80
23) tert-Butyl Alcohol	3.04	59	83632	96.107	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	209608	19.832	ug/l 98
25) Chloroform	5.20	83	115748	20.236	ug/l 96
26) Cyclohexane	5.57	56	125871	20.518	ug/l # 82
29) 1,1-Dichloropropene	5.79	75	90760	20.315	ug/l 93
30) 2-Butanone	4.67	43	336105	102.309	ug/l 94
31) 2,2-Dichloropropane	4.58	77	89326	20.019	ug/l 94
32) 1,1,1-Trichloroethane	5.49	97	93103	20.068	ug/l 94
33) Carbon Tetrachloride	5.78	117	76761	19.776	ug/l 97
34) Benzene	6.14	78	273456	20.024	ug/l # 95
35) Methacrylonitrile	5.04	41	65535	19.616	ug/l 94
36) 1,2-Dichloroethane	6.19	62	97919	20.111	ug/l 97
37) Trichloroethene	7.21	130	63206	20.126	ug/l 82
38) Methylcyclohexane	7.46	83	117162	20.812	ug/l 89
39) 1,2-Dichloropropane	7.51	63	75792	19.567	ug/l 97
40) Dibromomethane	7.66	93	44318	19.751	ug/l 89

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	86886	19.694	ug/l	99
42) Vinyl Acetate	3.81	43	1119998	100.570	ug/l #	94
43) Ethyl Acetate	4.82	43	116555	19.712	ug/l #	83
44) Isopropyl Acetate	6.44	43	185204	19.371	ug/l	99
45) 1,4-Dioxane	7.74	88	37319	392.095	ug/l #	82
46) Methyl methacrylate	7.76	41	94707	19.504	ug/l	87
47) n-amyl Acetate	10.90	43	171352	19.730	ug/l	95
48) t-1,3-Dichloropropene	9.04	75	96514	19.368	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	109869	19.711	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	64882	19.474	ug/l	96
51) Ethyl methacrylate	9.18	69	119220	19.229	ug/l	91
52) 1,3-Dichloropropane	9.37	76	117753	19.866	ug/l	100
53) Dibromochloromethane	9.58	129	62719	19.130	ug/l	100
54) 1,2-Dibromoethane	9.67	107	68387	19.912	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	320131	102.349	ug/l	95
56) Bromoform	10.85	173	44818	18.757	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	612729	98.978	ug/l	96
59) 2-Hexanone	9.49	43	512015	104.689	ug/l	97
61) Tetrachloroethene	9.34	164	54988	21.424	ug/l	98
62) Toluene	8.78	91	285046	20.064	ug/l	100
64) Chlorobenzene	10.13	112	168176	20.202	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	57578	19.617	ug/l	98
66) Ethyl Benzene	10.25	91	320438	20.320	ug/l	95
67) m/p-Xylenes	10.35	106	231780	40.297	ug/l	90
68) o-Xylene	10.69	106	113087	20.092	ug/l	91
69) Styrene	10.71	104	196880	20.102	ug/l	96
70) Isopropylbenzene	11.02	105	300343	20.229	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	111531	20.108	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	96637m	20.612	ug/l	
73) Bromobenzene	11.26	156	70957	20.088	ug/l	78
74) n-propylbenzene	11.36	91	359764	20.340	ug/l	94
75) 2-Chlorotoluene	11.42	91	213331	20.273	ug/l	90
76) 1,3,5-Trimethylbenzene	11.51	105	254641	20.061	ug/l	95
77) t-1,4-Dichloro-2-butene	11.07	75	34609	19.245	ug/l	94
78) 4-Chlorotoluene	11.51	91	243760	20.127	ug/l	91
79) tert-butylbenzene	12.06	119	263102	20.282	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	255610	20.196	ug/l	96
81) sec-Butylbenzene	11.94	105	295255	20.358	ug/l	96
82) p-Isopropyltoluene	12.06	119	263102	20.282	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	128432	20.480	ug/l	95
84) 1,4-Dichlorobenzene	12.10	146	127737	20.383	ug/l	96
85) n-Butylbenzene	12.38	91	249634	20.254	ug/l	97
86) Hexachloroethane	12.60	117	42303	19.518	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	129054	20.424	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	24237	19.715	ug/l #	74
89) 1,2,4-Trichlorobenzene	13.65	180	89822	20.608	ug/l	99
90) Hexachlorobutadiene	13.78	225	43855	20.885	ug/l	99
91) Naphthalene	13.83	128	296682	19.867	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	88398	20.134	ug/l	99

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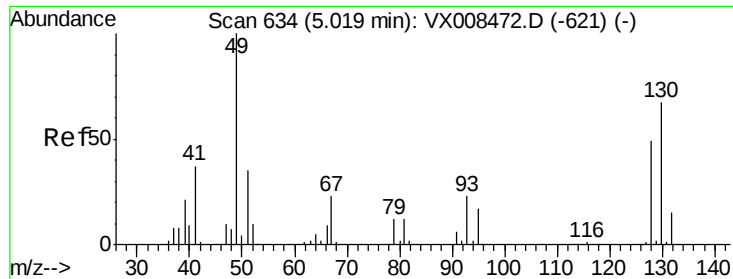
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3/30/2019 9:50:11 AM

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QLast Update : Wed Mar 27 12:01:15 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:128 Resp: 45414

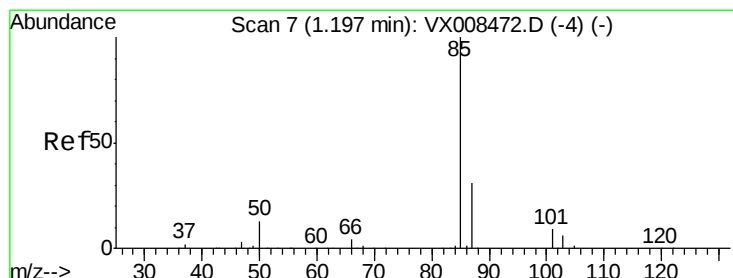
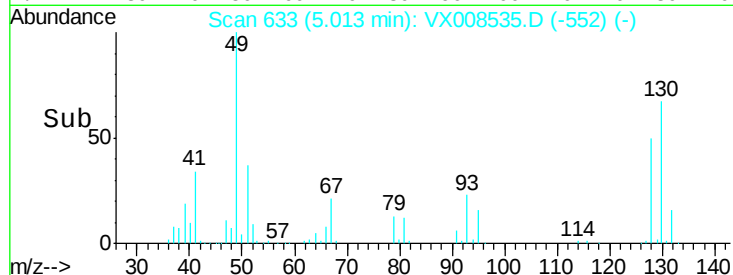
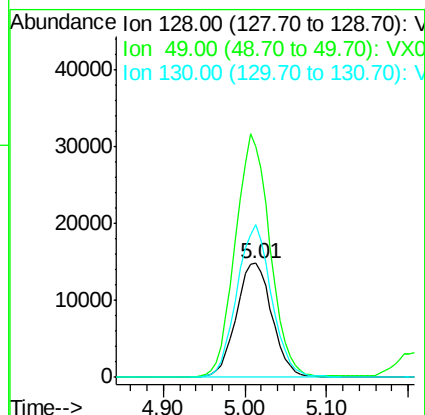
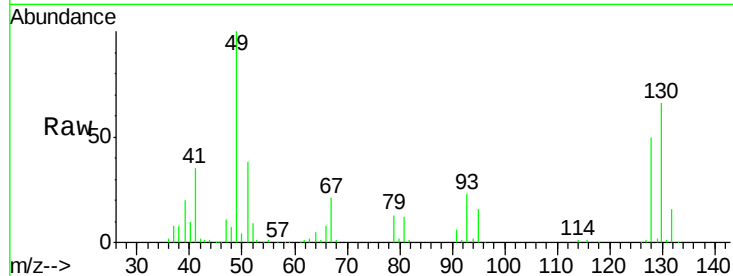
Ion	Ratio	Lower	Upper
128	100		
49	205.8	0.0	350.8
130	129.2	0.0	325.8

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#2

Dichlorodifluoromethane

Concen: 20.860 ug/l

RT: 1.20 min Scan# 7

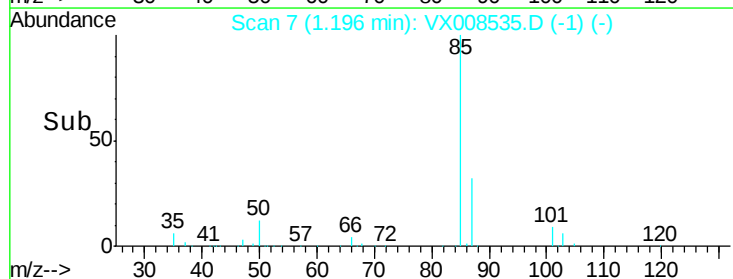
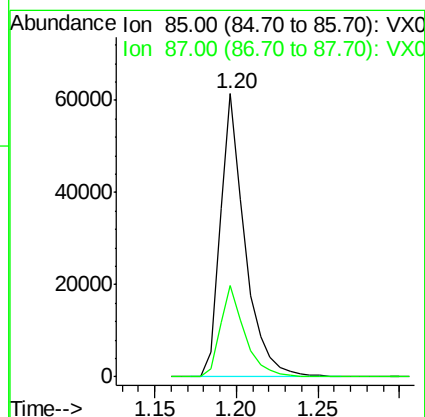
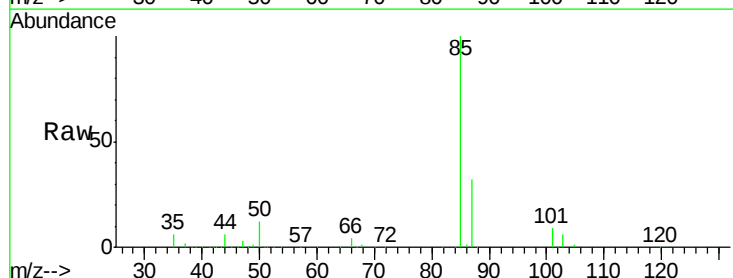
Delta R.T. -0.00 min

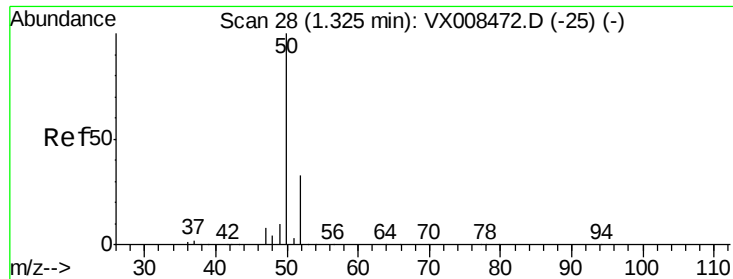
Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Tgt Ion: 85 Resp: 64779

Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.6	49.8





#3

Chloromethane

Concen: 19.696 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 80136

Ion Ratio Lower Upper

50 100

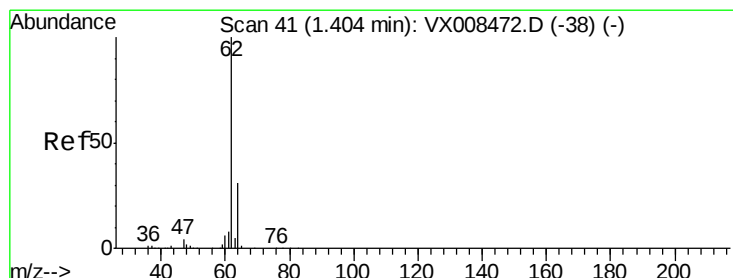
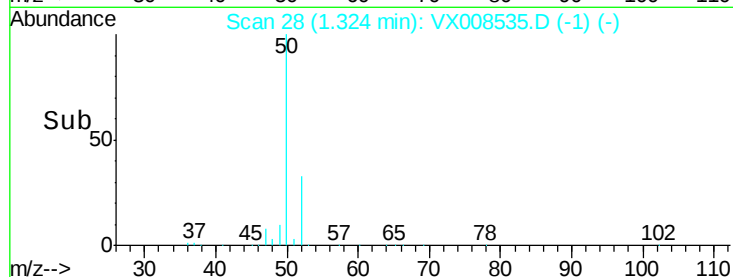
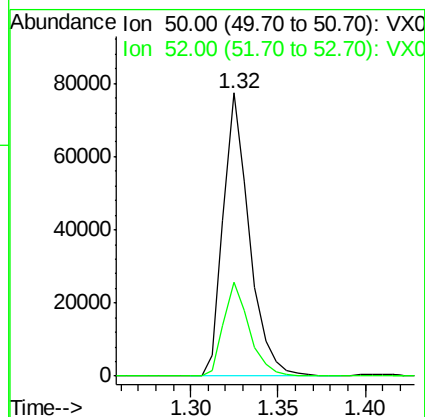
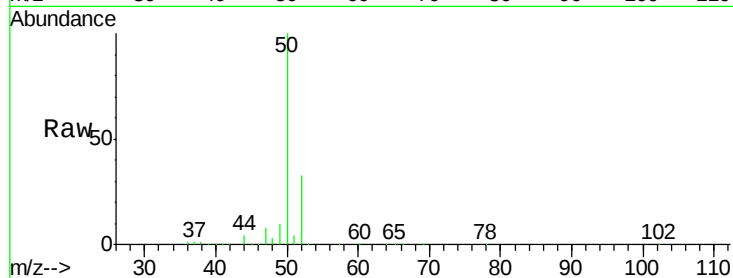
52 33.2 27.5 41.3

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#4

Vinyl Chloride

Concen: 19.865 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008535.D

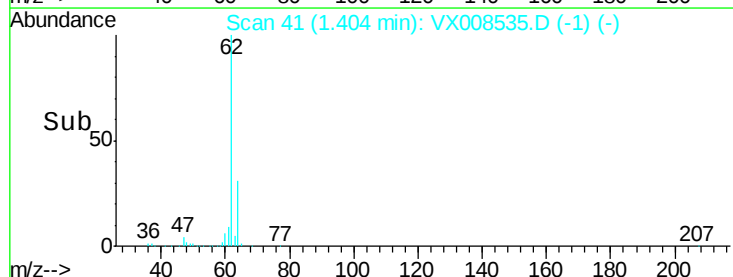
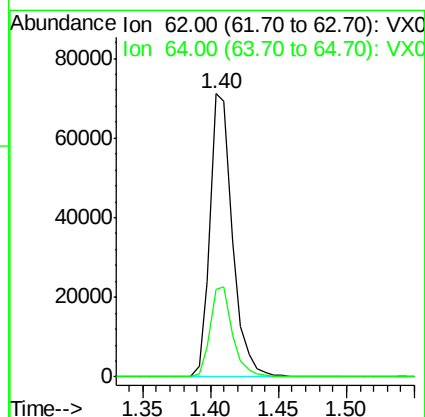
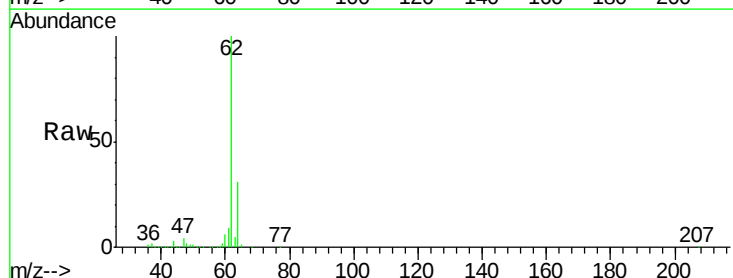
Acq: 29 Mar 2019 09:30

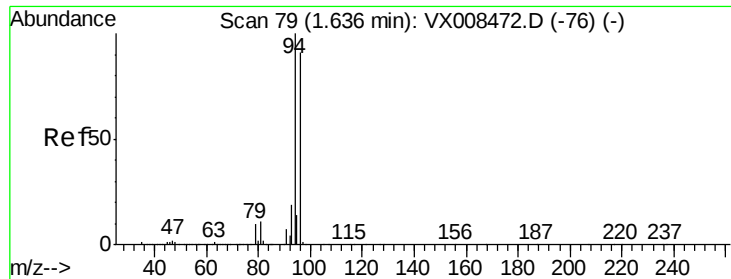
Tgt Ion: 62 Resp: 81469

Ion Ratio Lower Upper

62 100

64 31.0 25.9 38.9





#5

Bromomethane

Concen: 15.681 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 33322

Ion Ratio Lower Upper

94 100

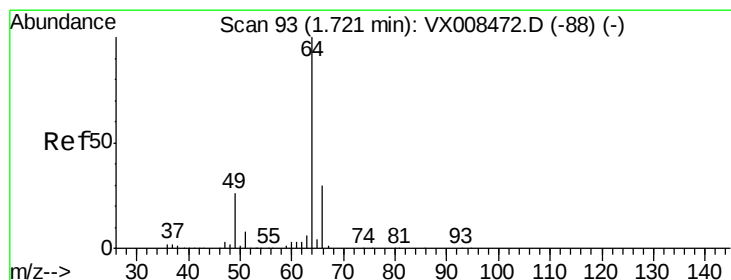
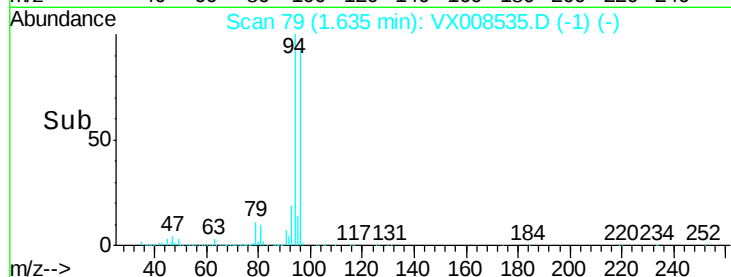
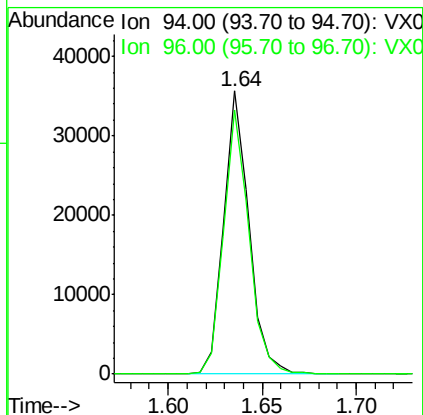
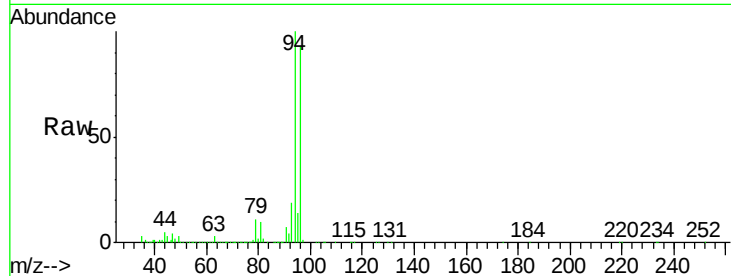
96 93.7 75.6 113.4

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#6

Chloroethane

Concen: 17.948 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX008535.D

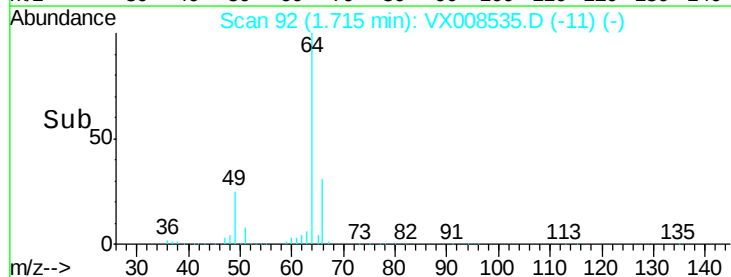
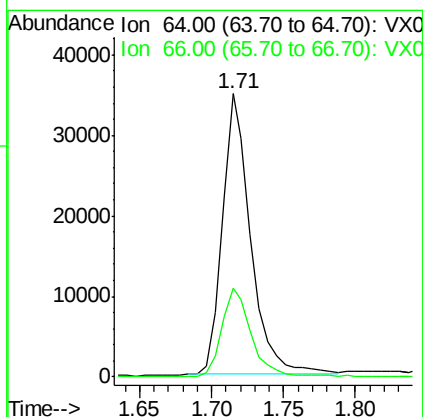
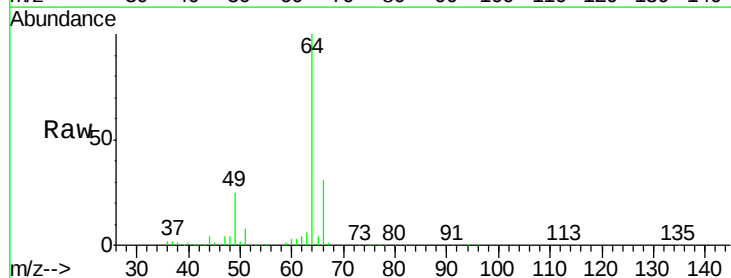
Acq: 29 Mar 2019 09:30

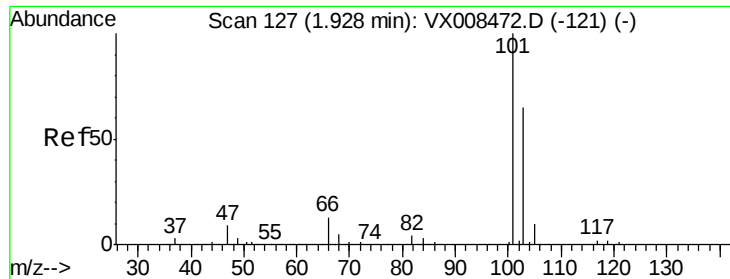
Tgt Ion: 64 Resp: 48176

Ion Ratio Lower Upper

64 100

66 31.5 23.9 35.9





#7

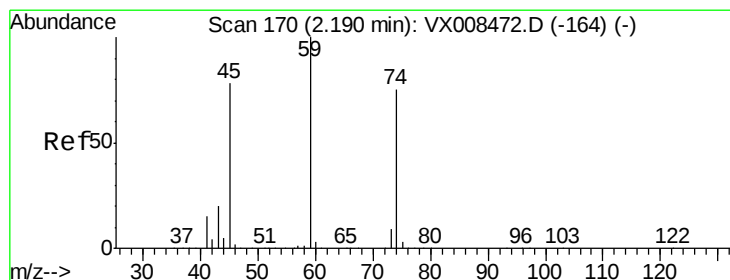
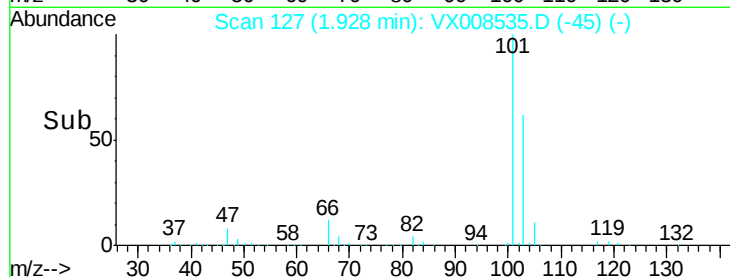
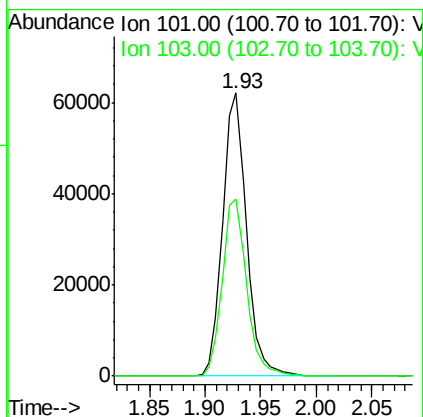
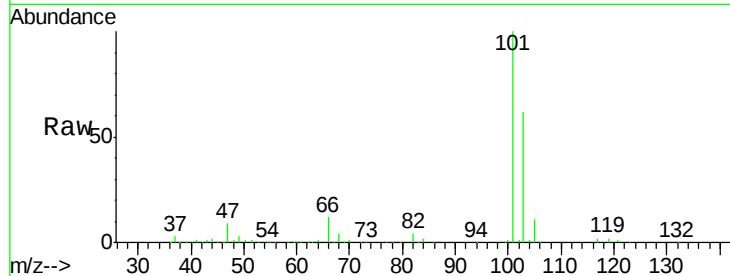
Trichlorofluoromethane
Concen: 20.274 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Instrument :
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ClientSampleId :
VSTDCCC020

Tot Ion:101 Resp: 92286
Ion Ratio Lower Upper
101 100
103 62.4 50.4 75.6

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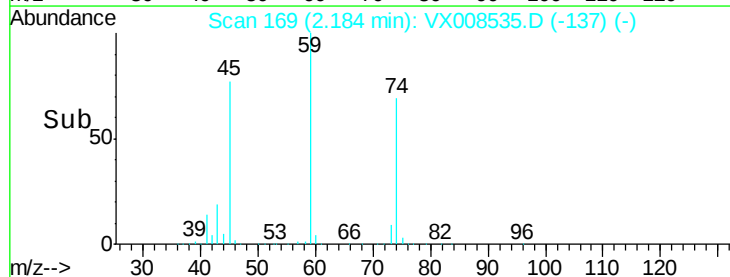
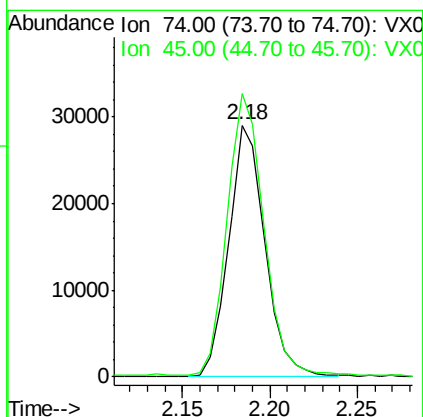
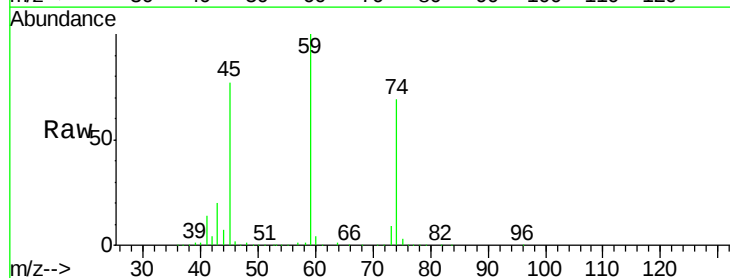
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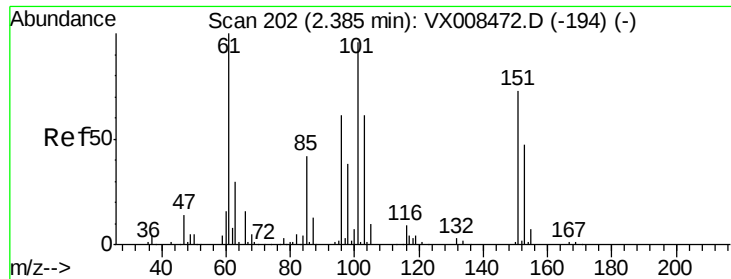


#8

Diethyl Ether
Concen: 19.345 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Tgt Ion: 74 Resp: 41528
Ion Ratio Lower Upper
74 100
45 115.1 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.329 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

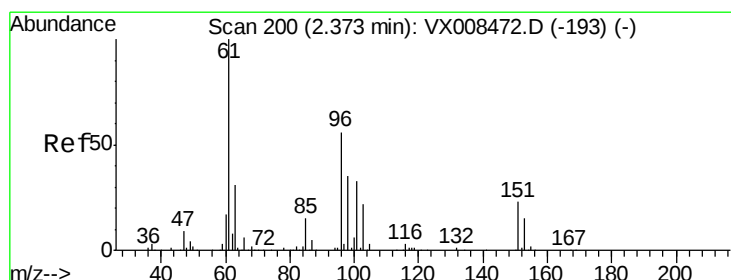
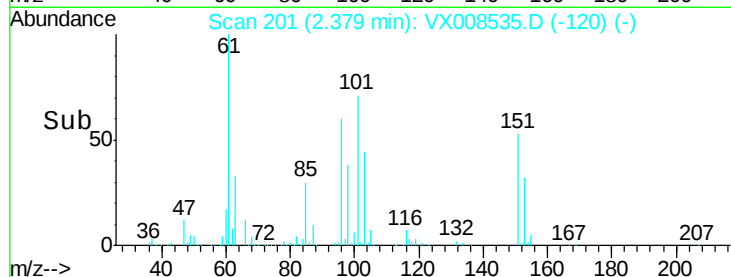
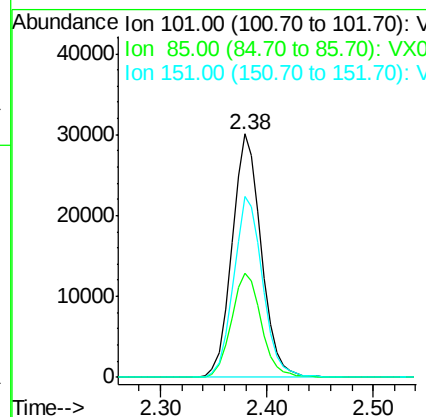
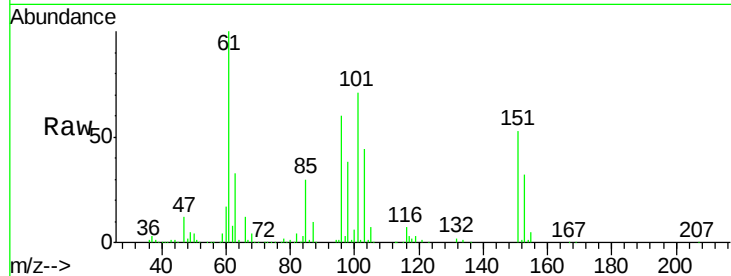
Tot Ion:	101	Resp:	57629
Ion Ratio	Lower	Upper	
101	100		
85	43.8	0.0	86.8
151	74.6	0.0	169.2

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 20.021 ug/l

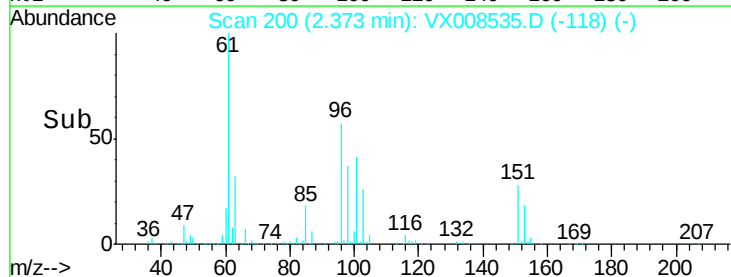
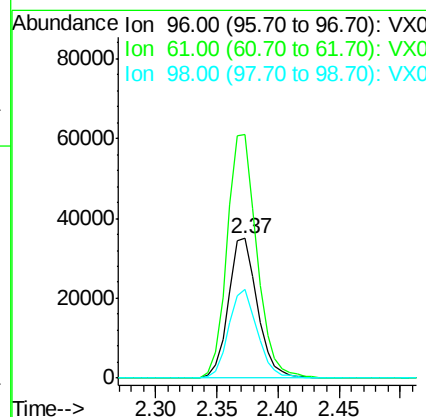
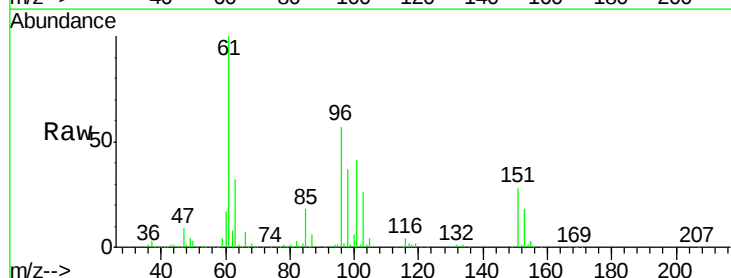
RT: 2.37 min Scan# 200

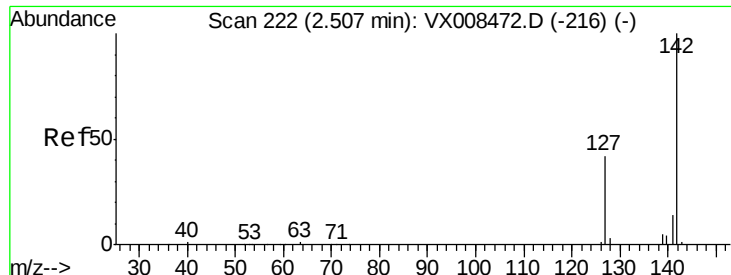
Delta R.T. -0.00 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Tgt Ion:	96	Resp:	57578
Ion Ratio	Lower	Upper	
96	100		
61	174.0	120.2	180.2
98	63.8	49.0	73.4





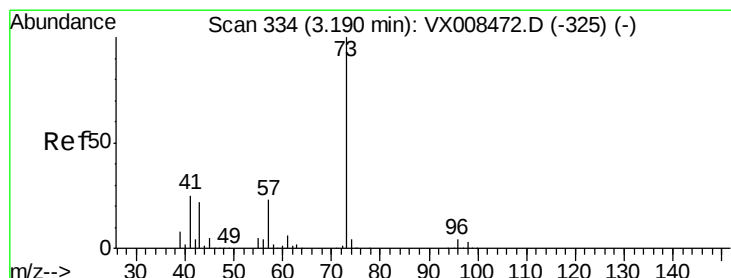
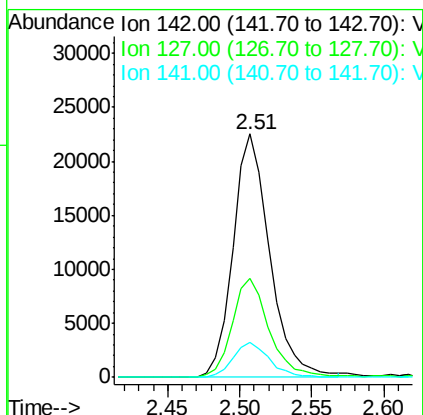
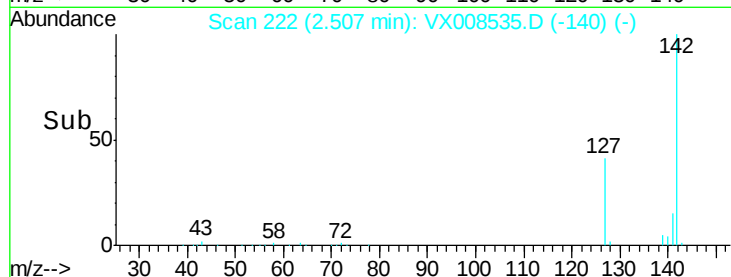
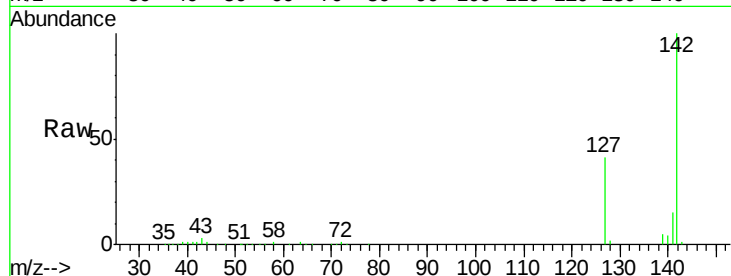
#11
Methvl Iodide
Concen: 13.421 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.6	22.1	66.5
141	14.5	7.4	22.3

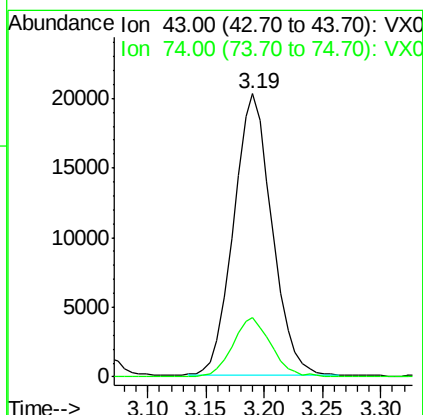
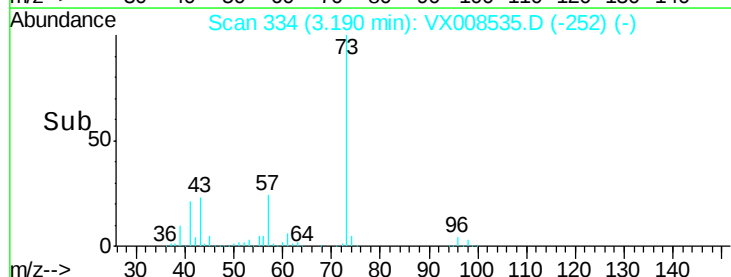
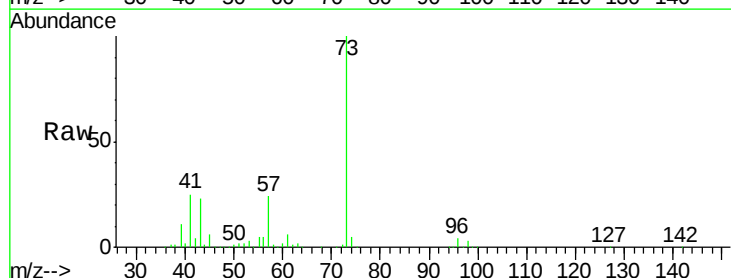
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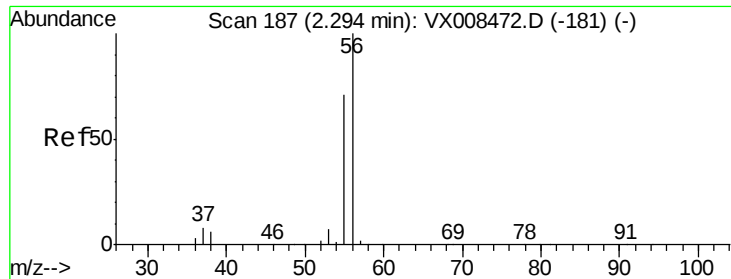
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#12
Methyl Acetate
Concen: 19.951 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	19.4	29.0





#13

Acrolein

Concen: 74.453 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 49786

Ion Ratio Lower Upper

56 100

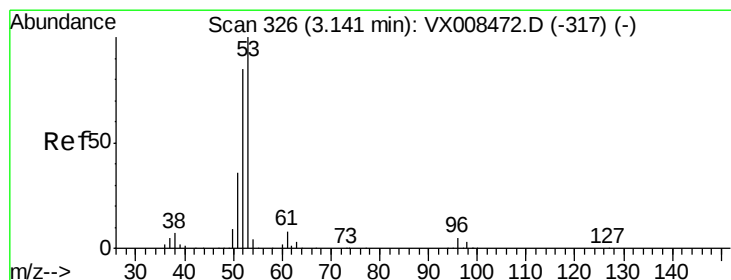
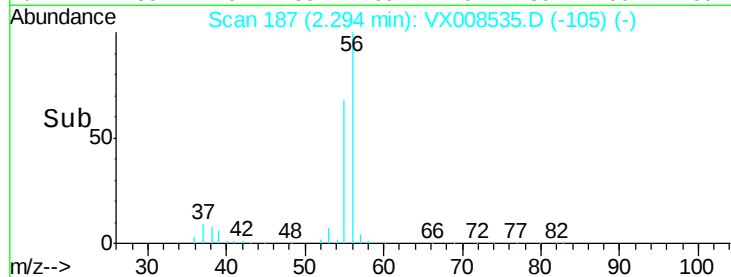
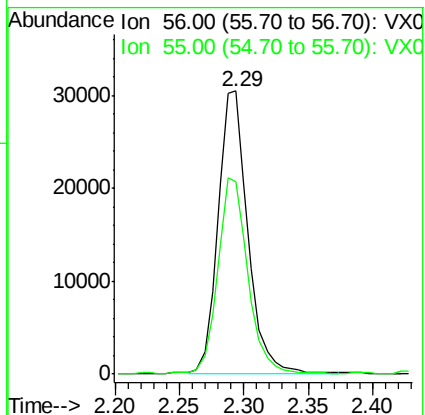
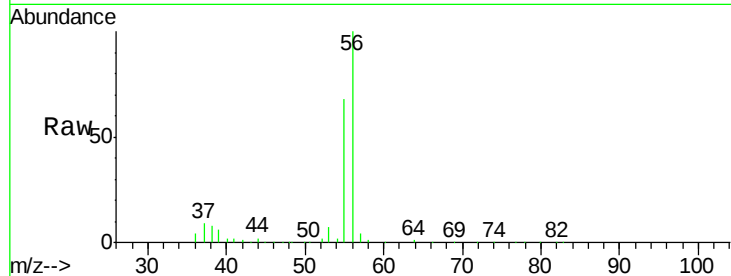
55 69.8 58.6 87.8

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#14

Acrylonitrile

Concen: 99.528 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

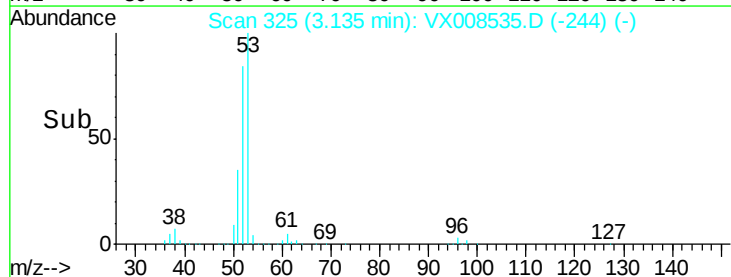
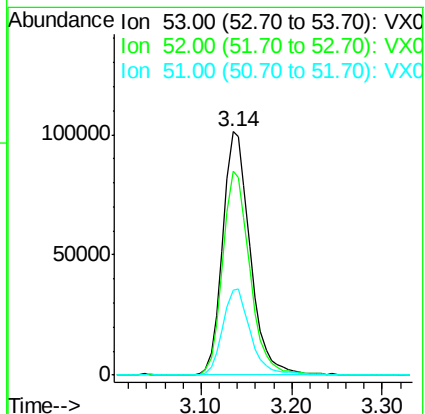
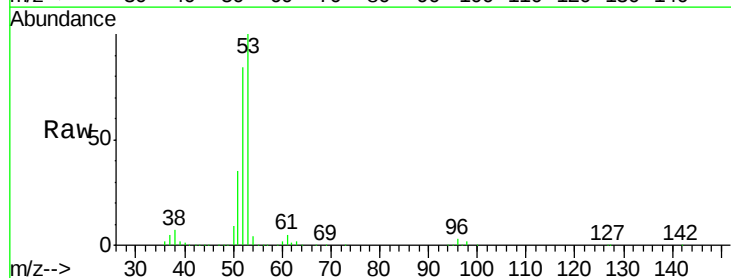
Tgt Ion: 53 Resp: 214483

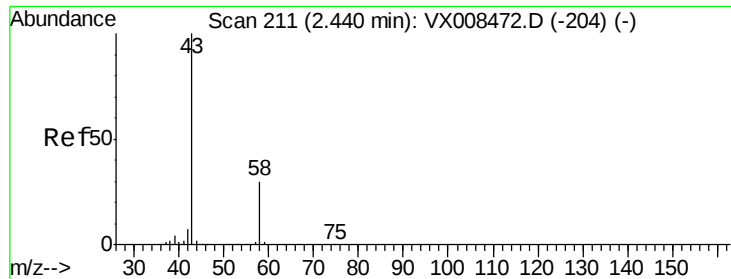
Ion Ratio Lower Upper

53 100

52 82.4 41.3 124.1

51 35.8 17.5 52.6





#15

Acetone

Concen: 107.504 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 71441

Ion Ratio Lower Upper

58 100

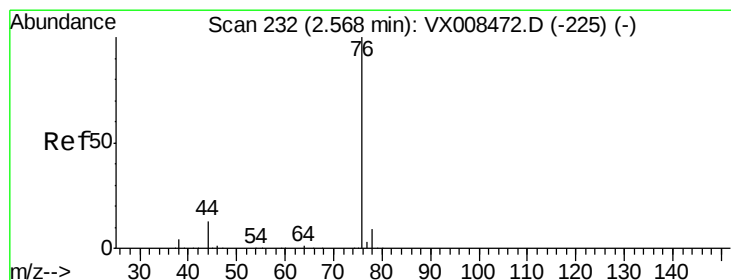
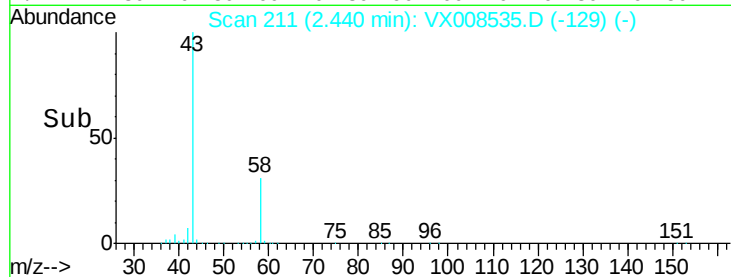
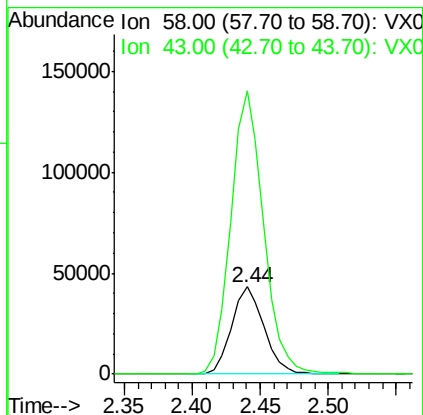
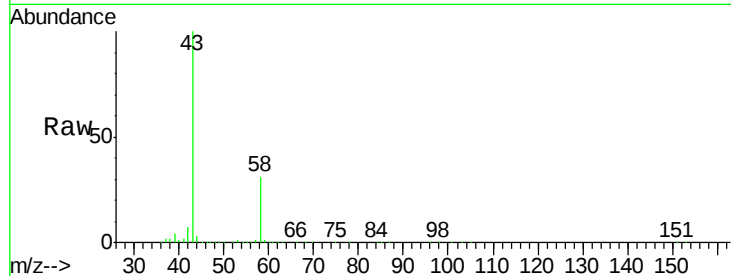
43 324.7 249.8 374.6

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#16

Carbon Disulfide

Concen: 19.786 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008535.D

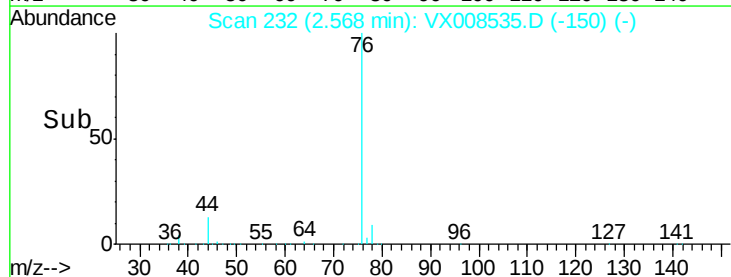
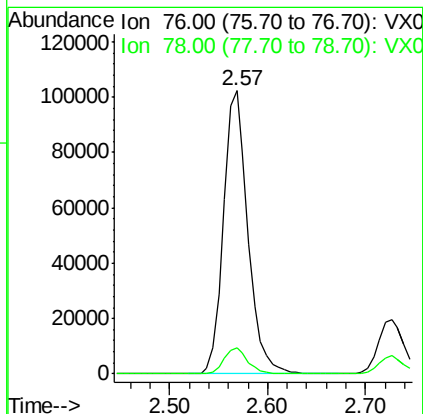
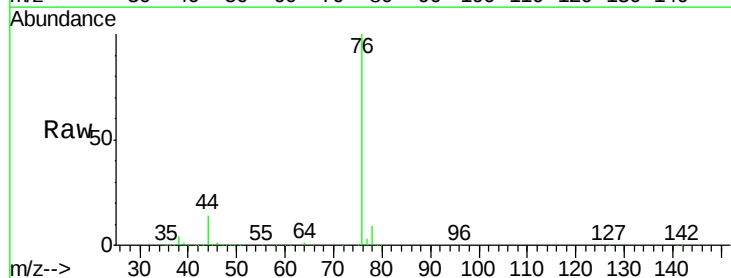
Acq: 29 Mar 2019 09:30

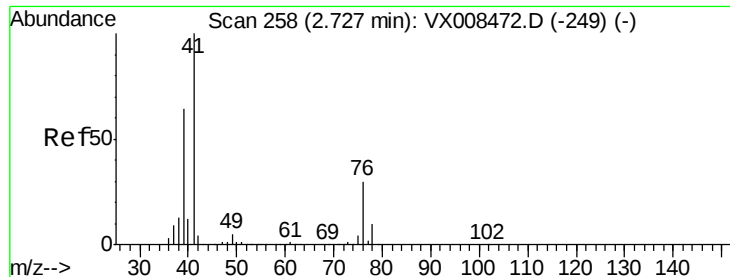
Tgt Ion: 76 Resp: 177014

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





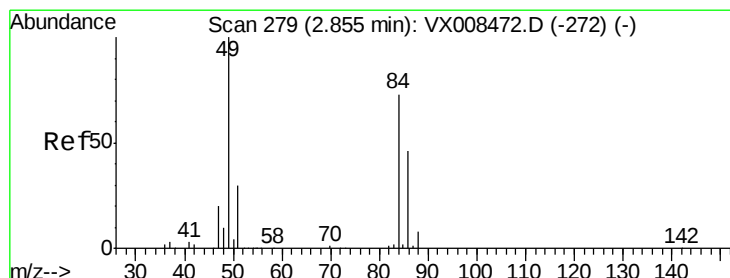
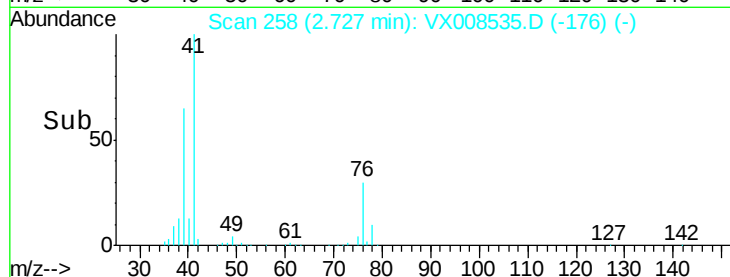
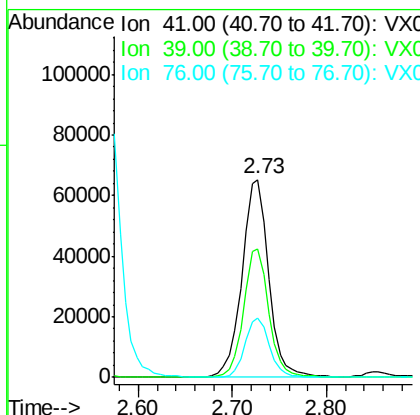
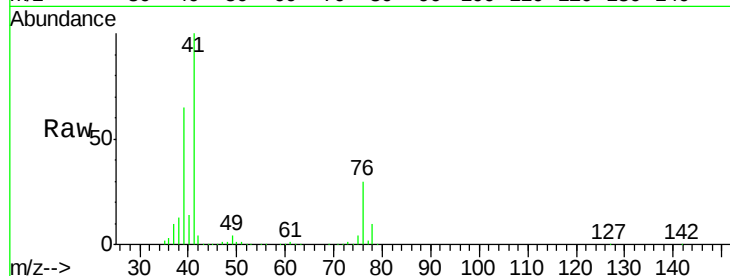
#17
Allvl chloride
Concen: 20.037 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.8	35.8	107.4
76	30.1	18.3	54.9

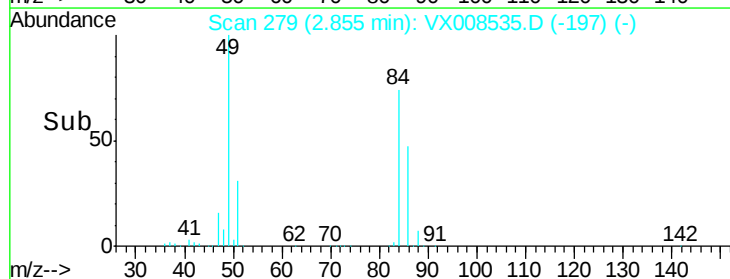
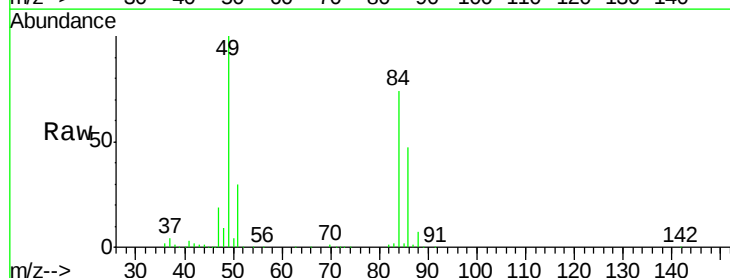
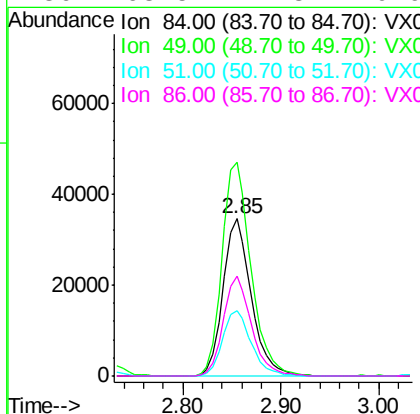
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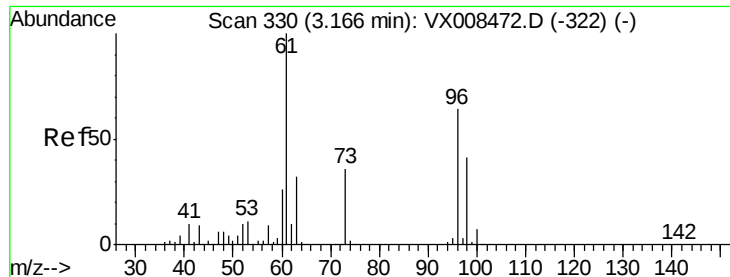
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#18
Methylene Chloride
Concen: 20.100 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.6	96.1	144.1
51	41.4	29.1	43.7
86	63.5	47.3	70.9





#19

trans-1,2-Dichloroethene

Concen: 19.998 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

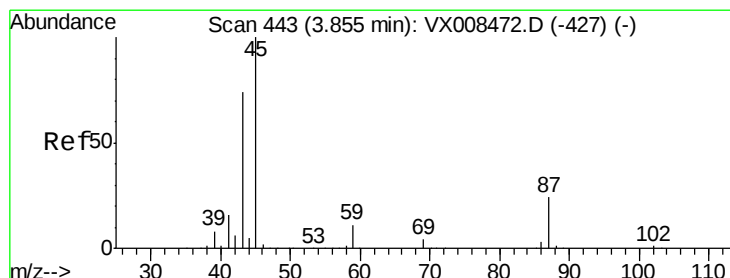
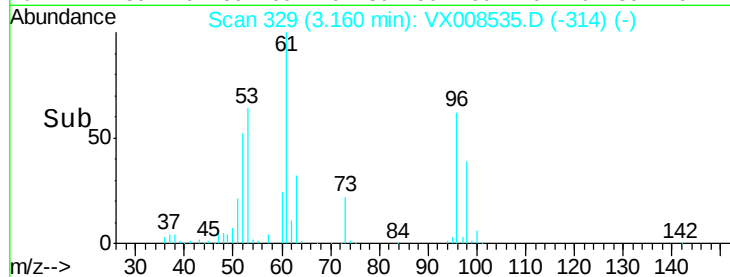
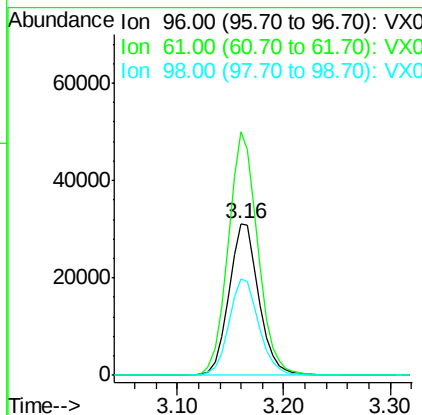
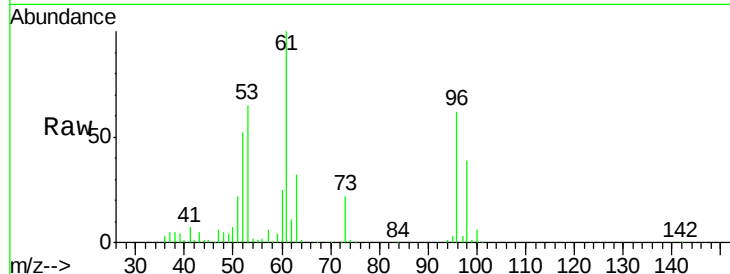
Tot Ion:	96	Resp:	61444
Ion	Ratio	Lower	Upper
96	100		
61	160.7	109.9	164.9
98	63.4	50.4	75.6

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#20

Diisopropyl ether

Concen: 20.129 ug/l

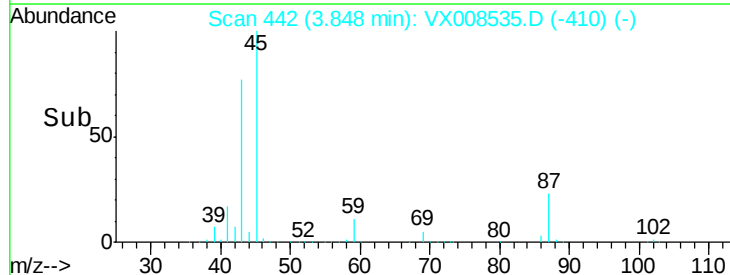
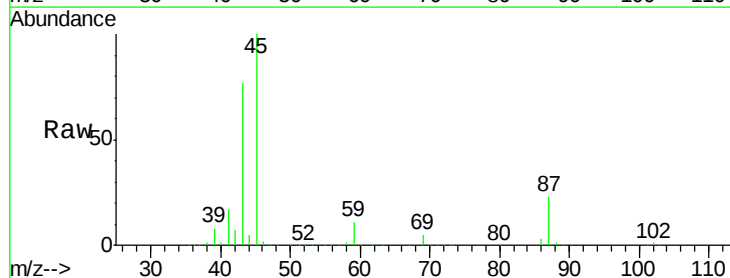
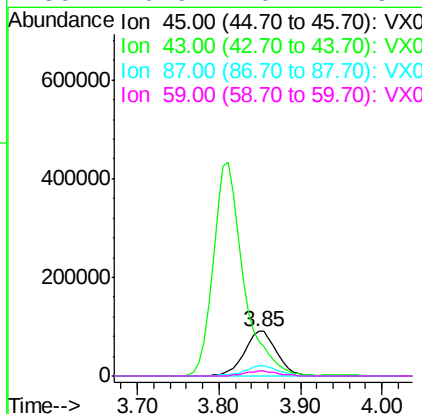
RT: 3.85 min Scan# 442

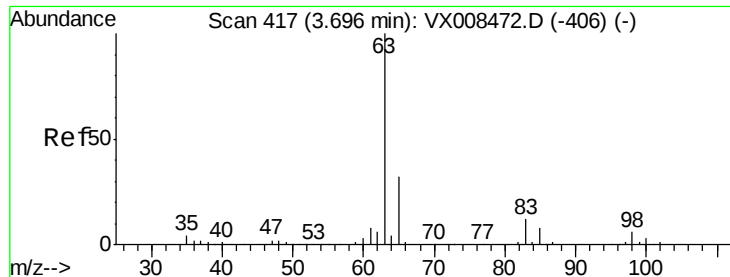
Delta R.T. -0.01 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Tgt Ion:	45	Resp:	253228
Ion	Ratio	Lower	Upper
45	100		
43	75.6	50.6	76.0
87	23.2	24.5	36.7#
59	10.9	10.2	15.2





#21

1,1-Dichloroethane

Concen: 20.112 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

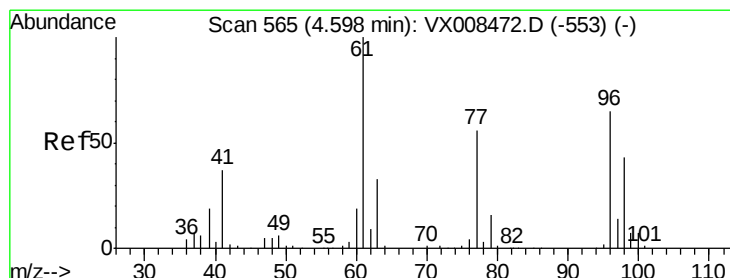
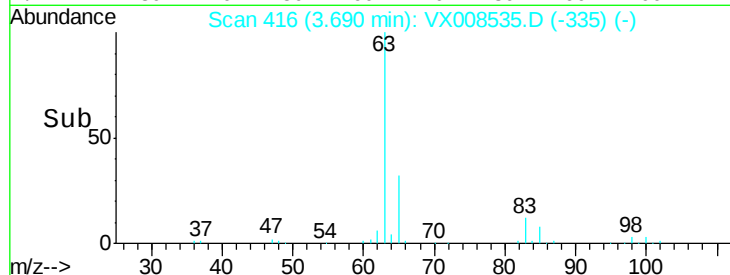
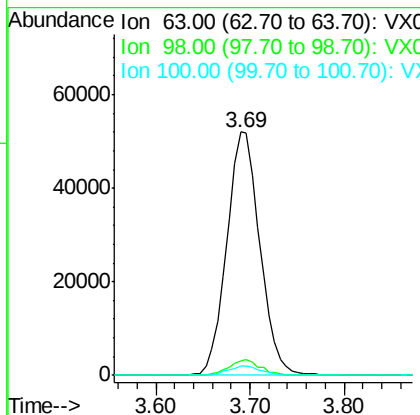
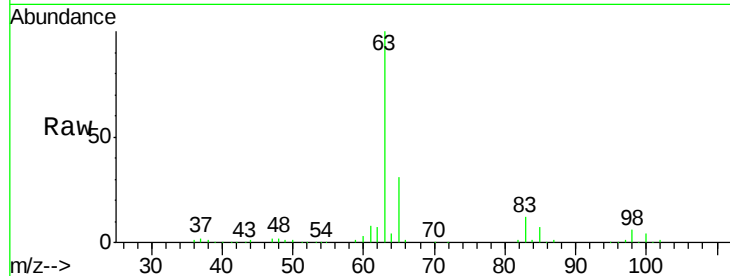
Tot Ion:	63	Resp:	127002
Ion Ratio	Lower	Upper	
63	100		
98	5.8	3.8	11.4
100	3.7	2.4	7.1

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#22

cis-1,2-Dichloroethene

Concen: 19.986 ug/l

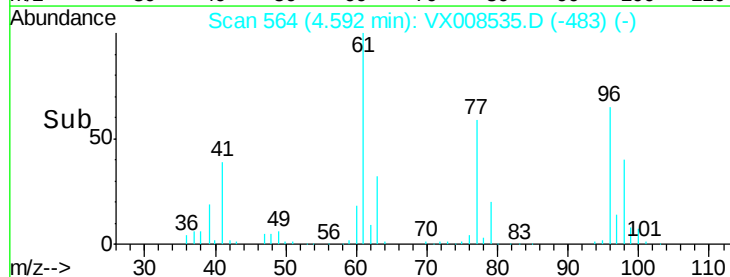
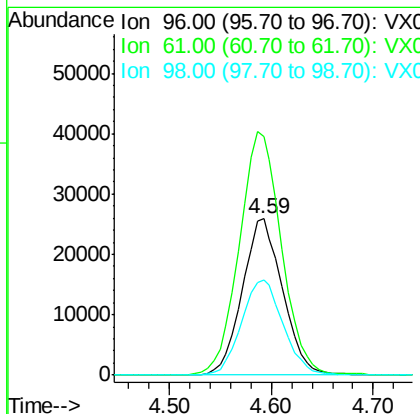
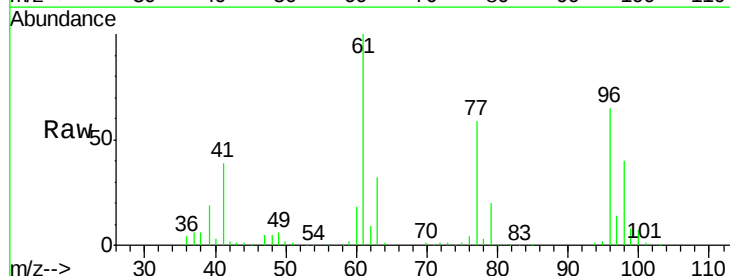
RT: 4.59 min Scan# 564

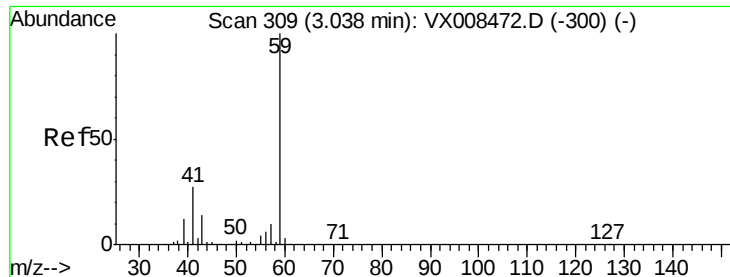
Delta R.T. -0.01 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Tgt Ion:	96	Resp:	70962
Ion Ratio	Lower	Upper	
96	100		
61	163.2	103.5	155.3#
98	63.0	52.1	78.1





#23

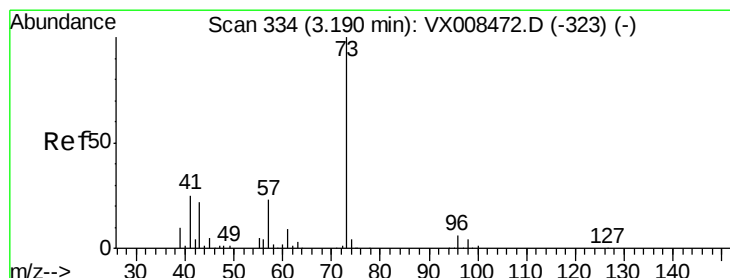
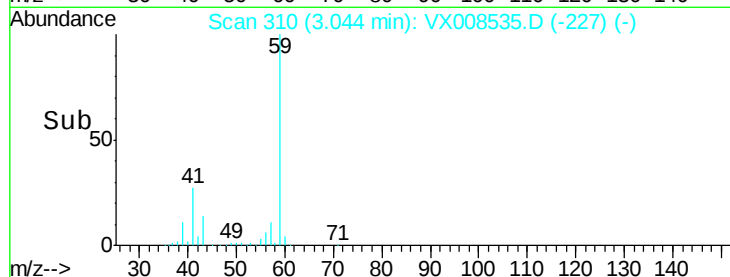
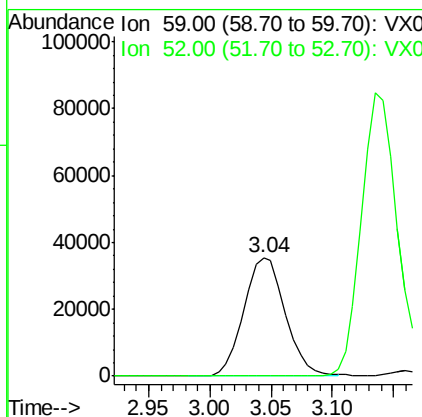
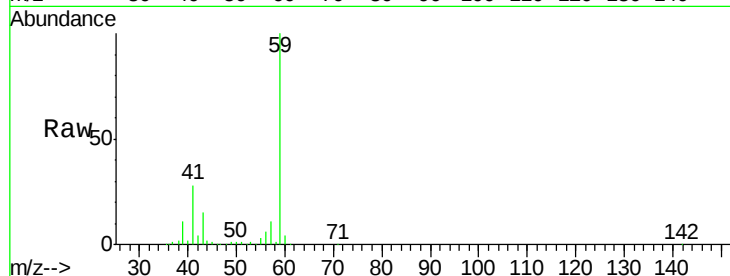
tert-Butyl Alcohol
 Concen: 96.107 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	59	52	Ratio	Lower	Upper
59	100				
52	0.2		0.2	0.2	0.2

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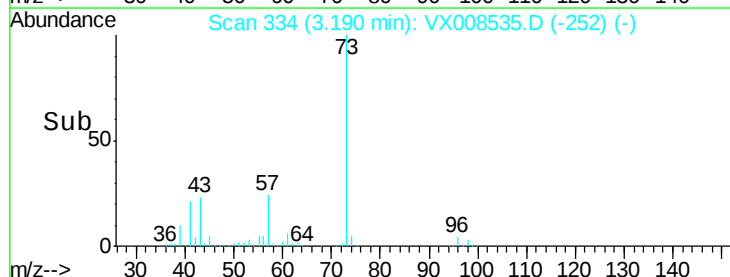
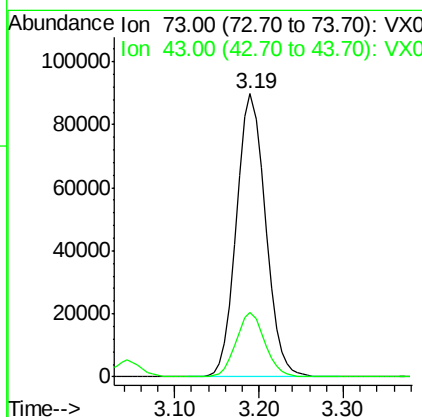
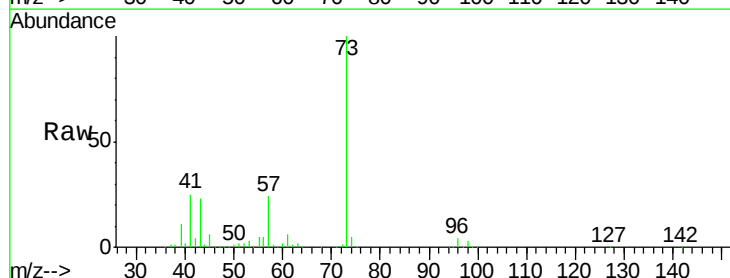
MMDado
 da
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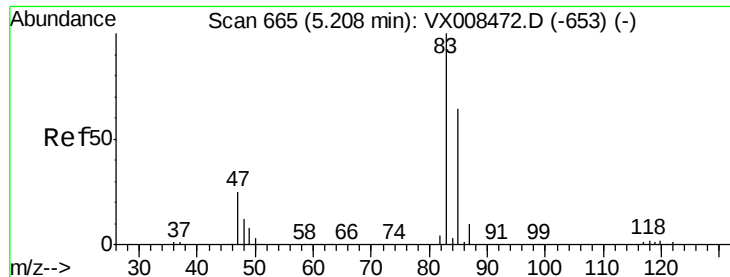


#24

Methyl tert-Butyl Ether
 Concen: 19.832 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.00 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Tgt Ion	73	43	Ratio	Lower	Upper
73	100				
43	22.2		17.1	25.7	





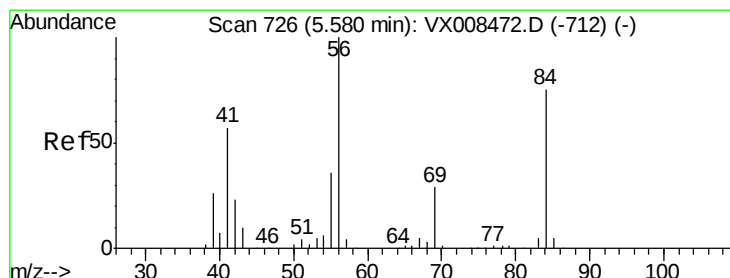
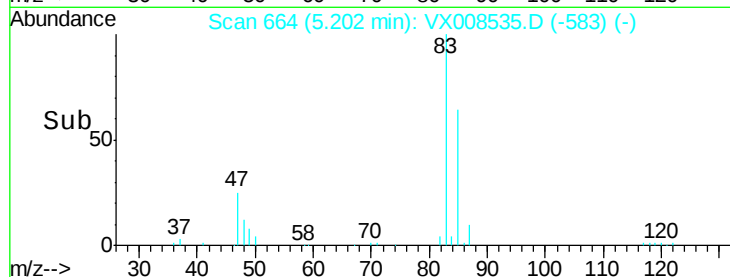
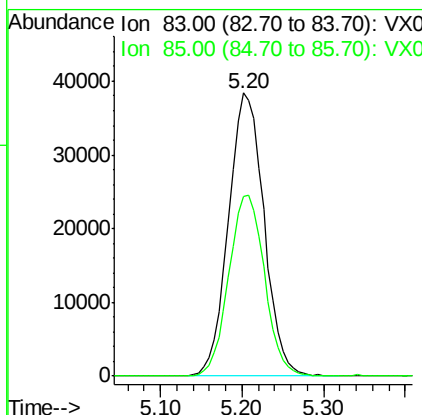
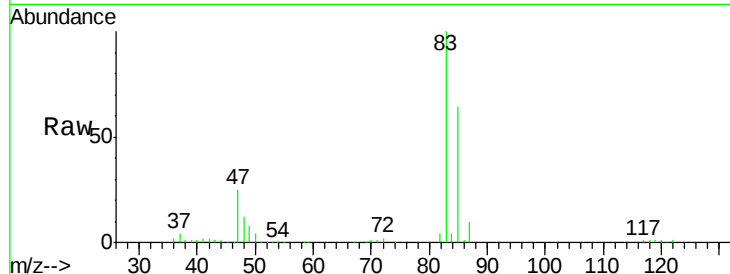
#25
Chloroform
Concen: 20.236 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	83	Resp	115748
Ion Ratio	100	Lower	Upper
83	100		
85	63.6	53.8	80.6

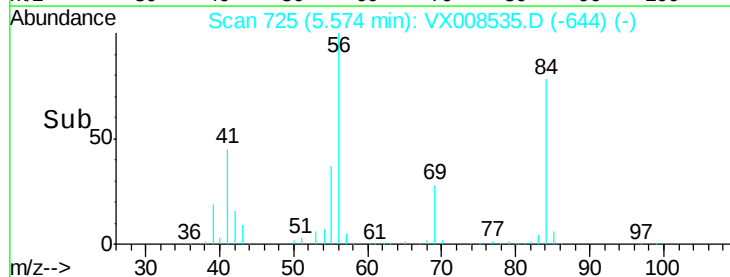
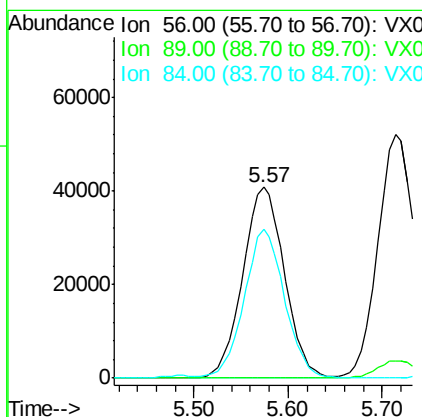
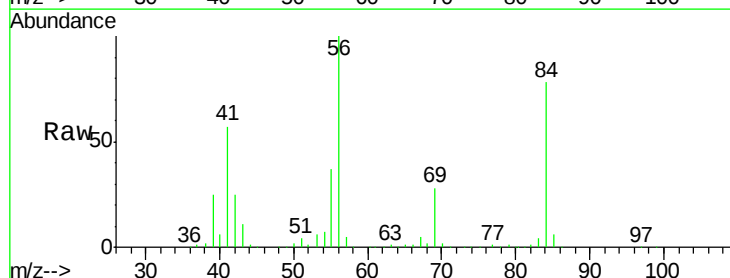
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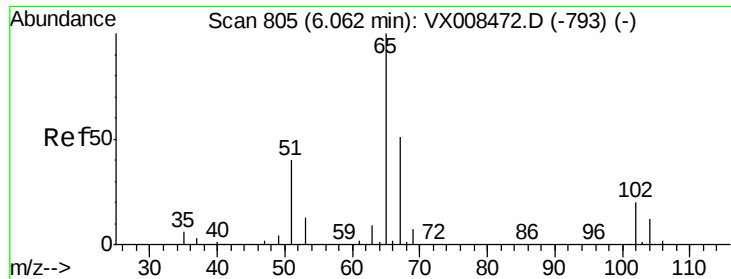
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#26
Cyclohexane
Concen: 20.518 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Tgt Ion	56	Resp	125871
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	75.5	73.9	110.9





#27

1,2-Dichloroethane-d4

Concen: 29.918 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 65 Resp: 113661

Ion Ratio Lower Upper

65 100

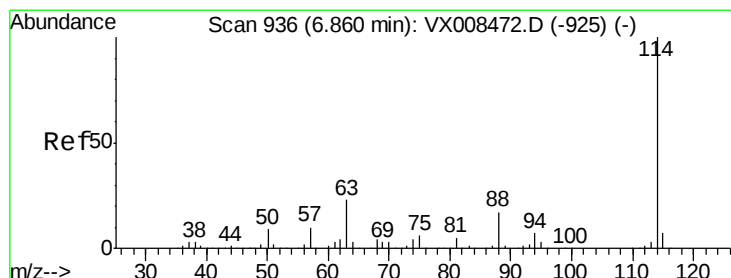
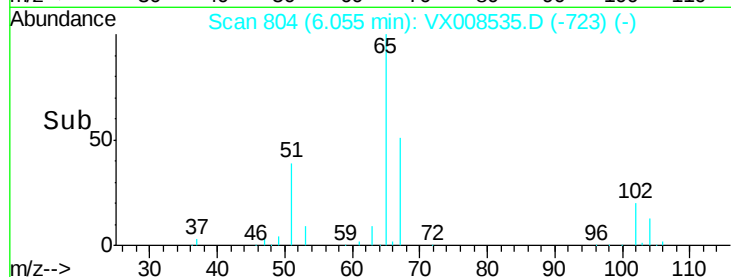
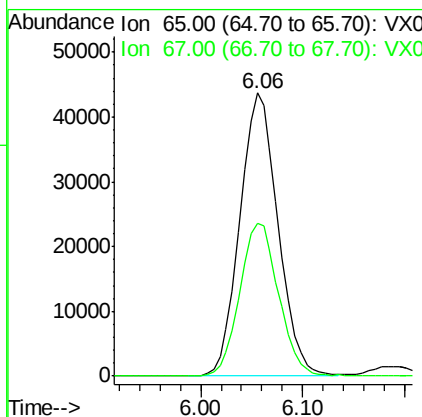
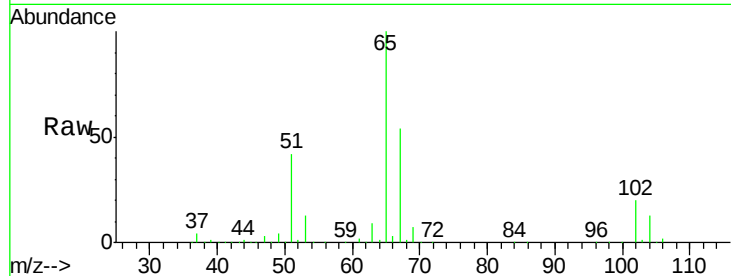
67 54.7 42.9 64.3

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

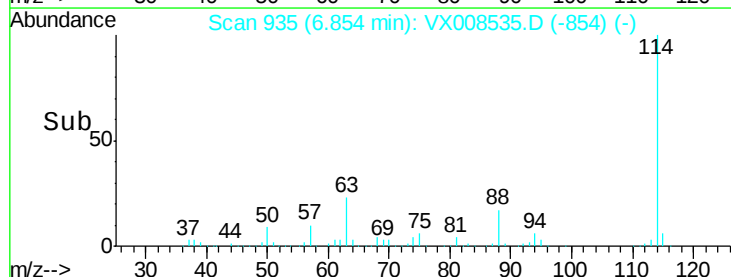
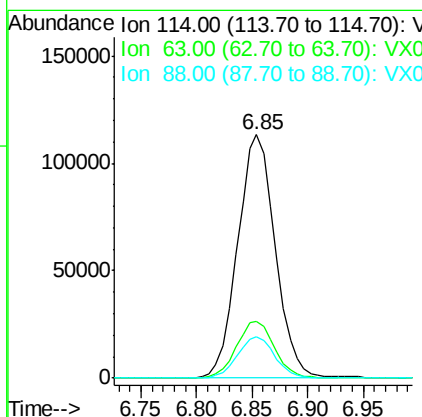
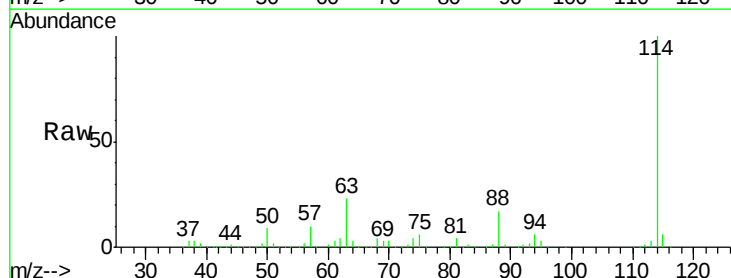
Tgt Ion: 114 Resp: 265553

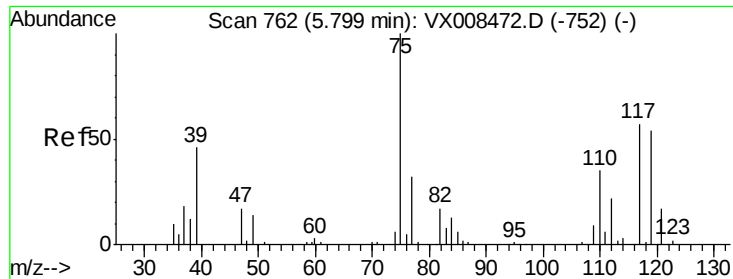
Ion Ratio Lower Upper

114 100

63 23.6 14.2 21.4#

88 17.0 11.9 17.9





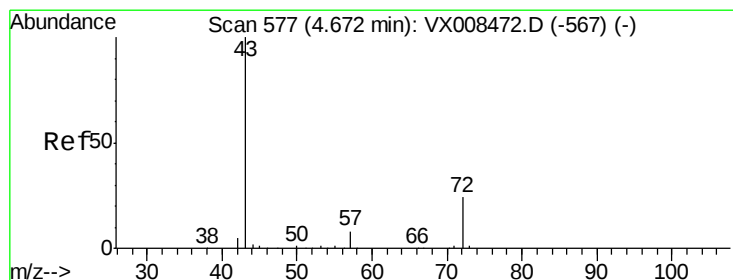
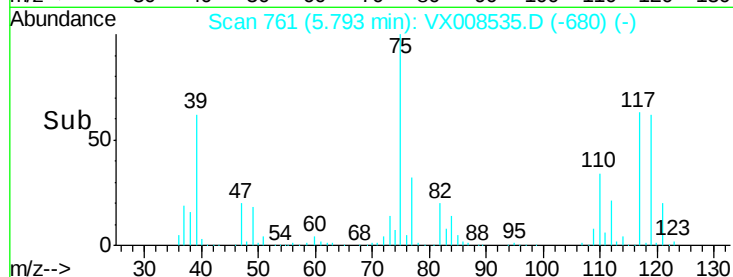
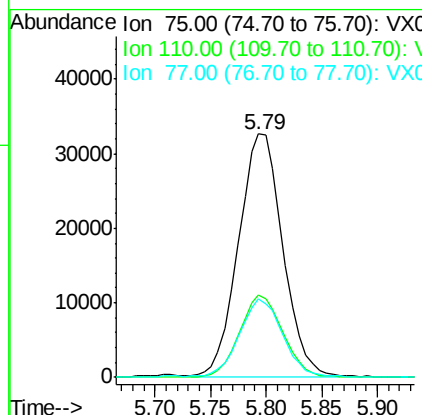
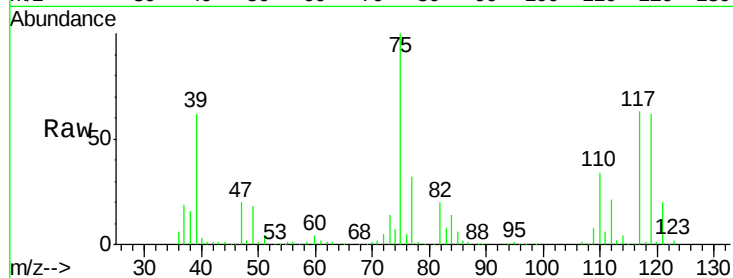
#29
 1,1-Dichloropropene
 Concen: 20.315 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.0	0.0	80.8
77	31.3	0.0	62.4

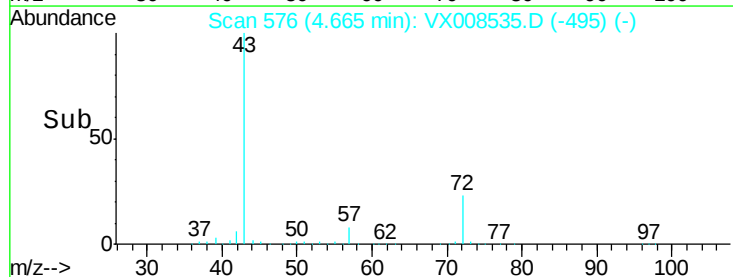
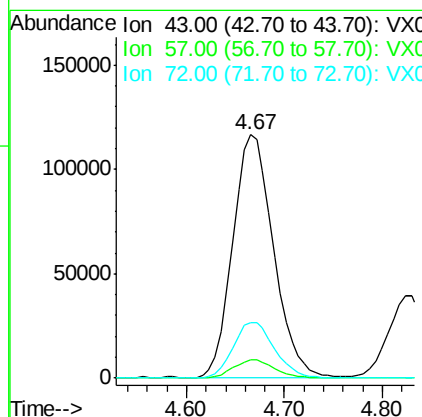
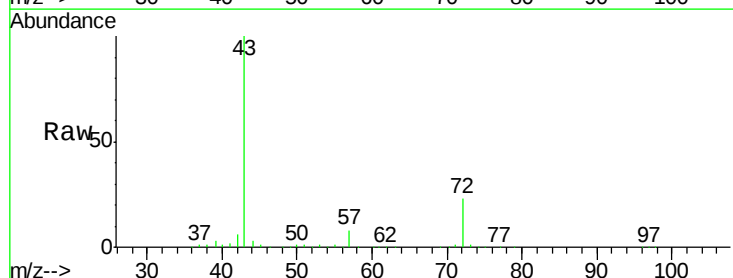
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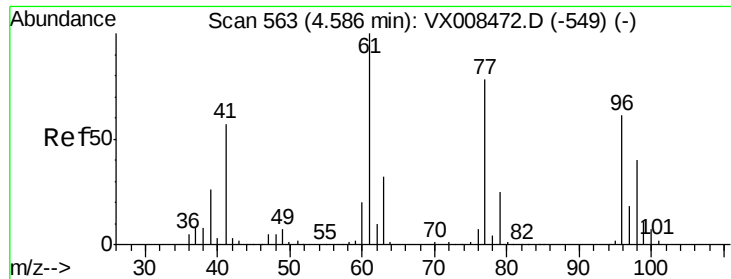
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#30
 2-Butanone
 Concen: 102.309 ug/l
 RT: 4.67 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	7.0	10.6
72	23.4	21.5	32.3





#31

2,2-Dichloropropane

Concen: 20.019 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 89326

Ion Ratio Lower Upper

77 100

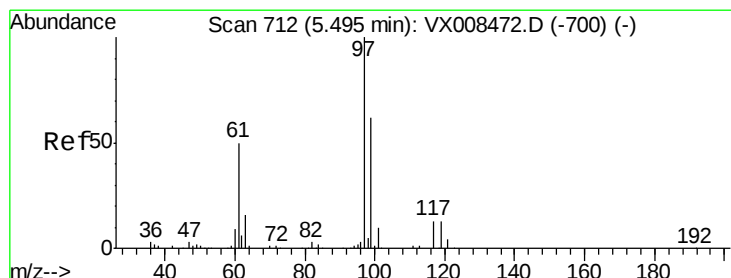
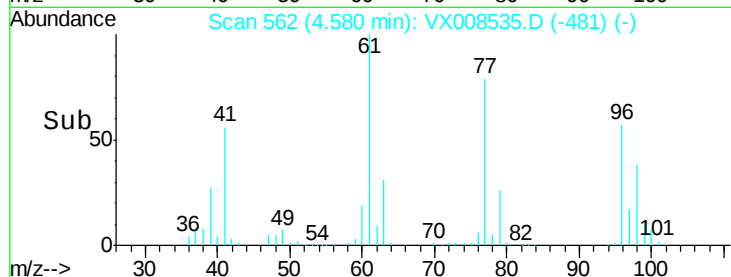
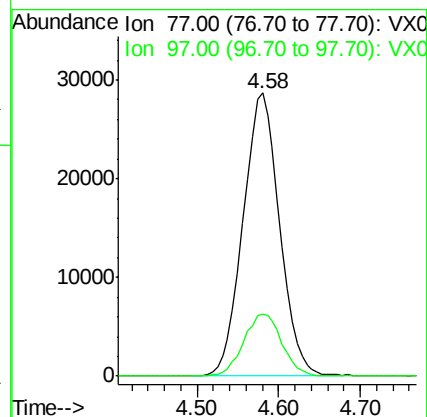
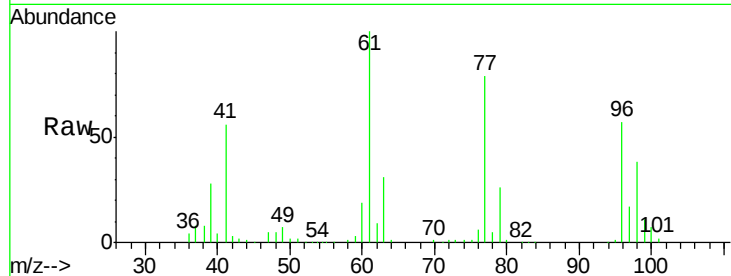
97 22.9 20.6 31.0

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#32

1,1,1-Trichloroethane

Concen: 20.068 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

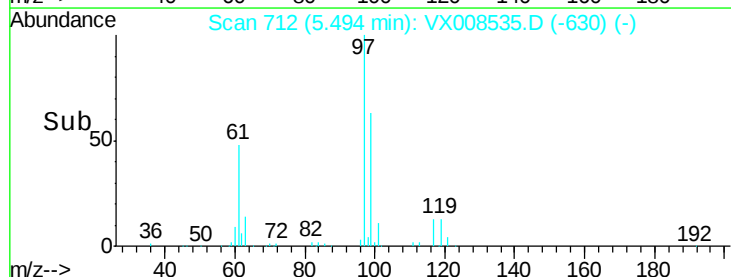
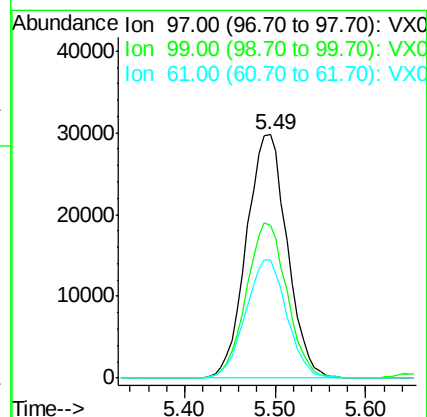
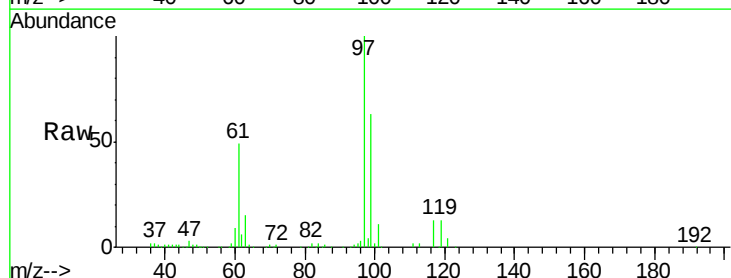
Tgt Ion: 97 Resp: 93103

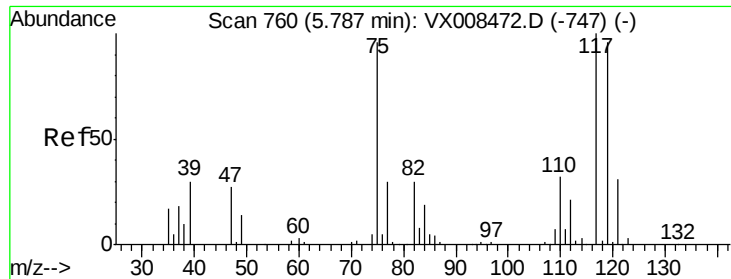
Ion Ratio Lower Upper

97 100

99 63.3 51.7 77.5

61 49.1 32.8 49.2





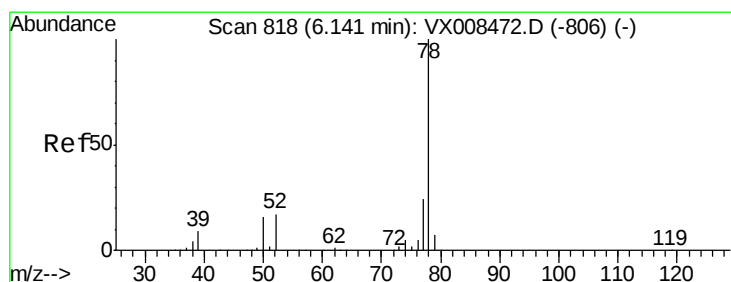
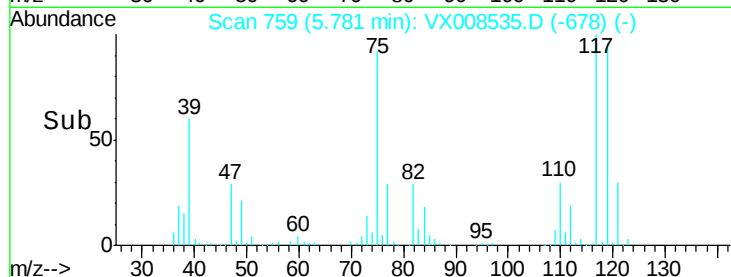
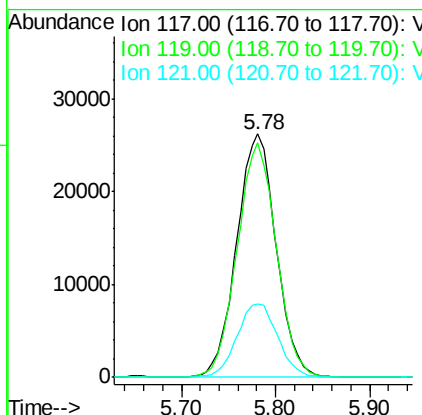
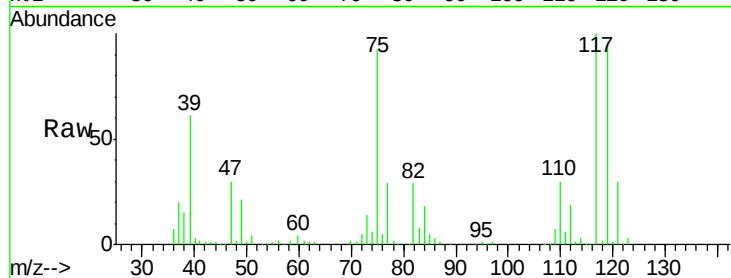
#33
Carbon Tetrachloride
Concen: 19.776 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.1	117.1
121	30.3	27.0	40.6

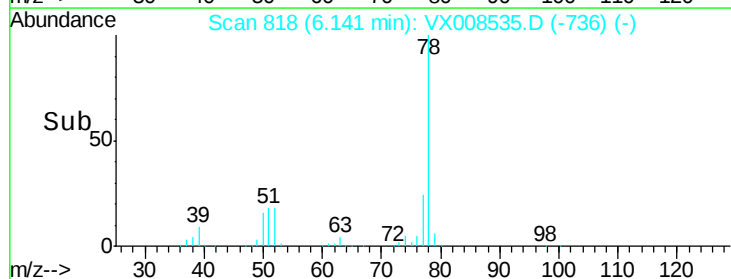
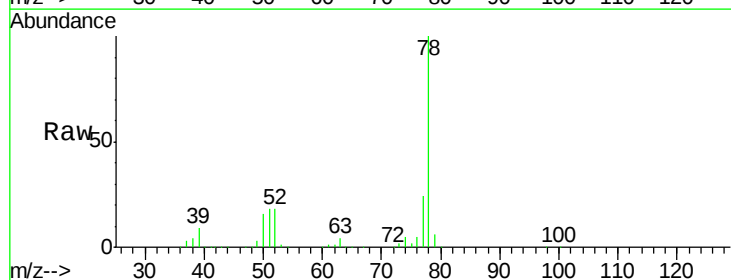
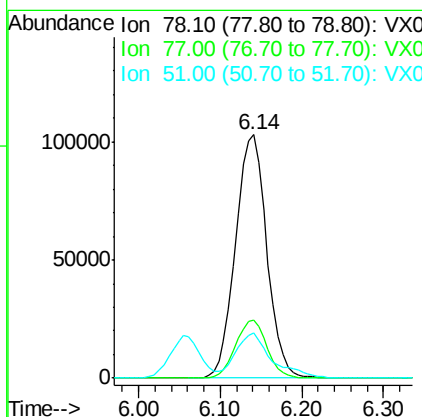
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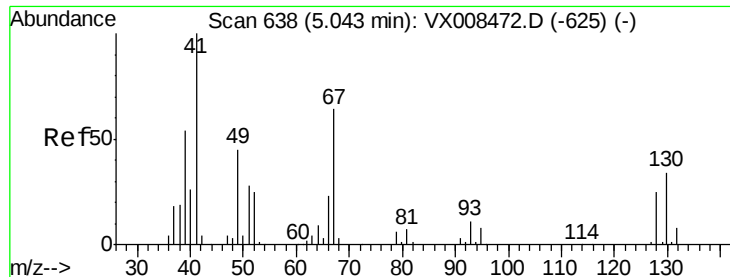
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#34
Benzene
Concen: 20.024 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7
51	18.3	10.8	16.2





#35

Methacrylonitrile

Concen: 19.616 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 41 Resp: 65535

Ion Ratio Lower Upper

41 100

39 55.6 27.4 82.0

67 66.1 37.9 113.6

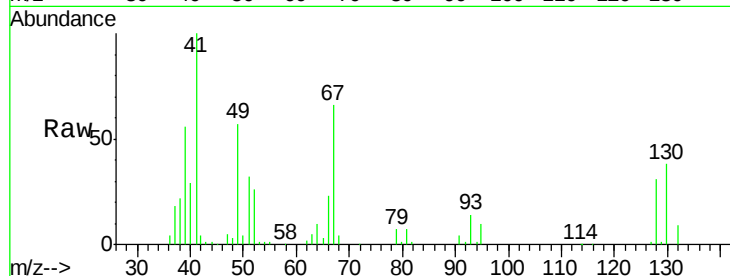
52 25.7 13.3 39.9

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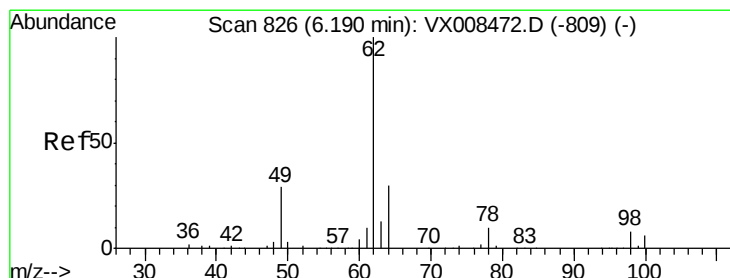
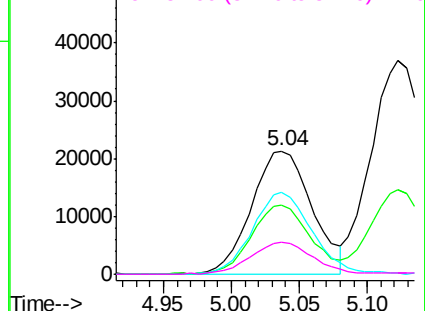
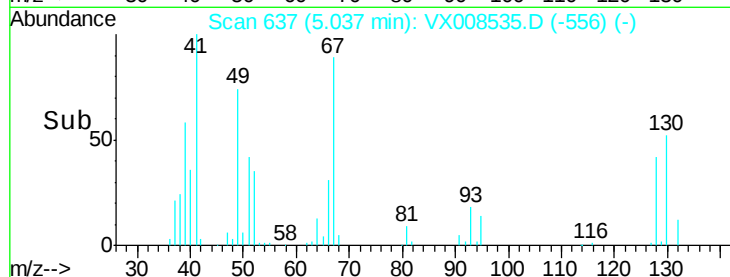


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36

1,2-Dichloroethane

Concen: 20.111 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX008535.D

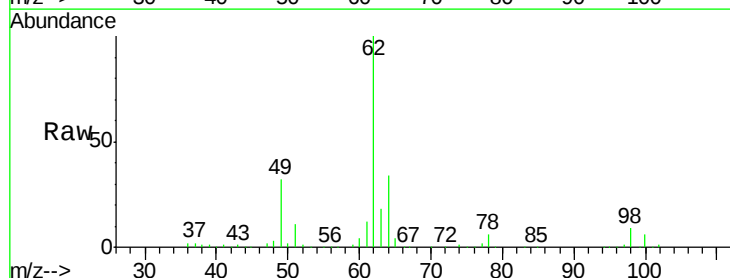
Acq: 29 Mar 2019 09:30

Tgt Ion: 62 Resp: 97919

Ion Ratio Lower Upper

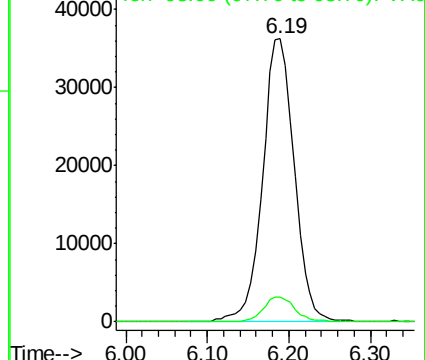
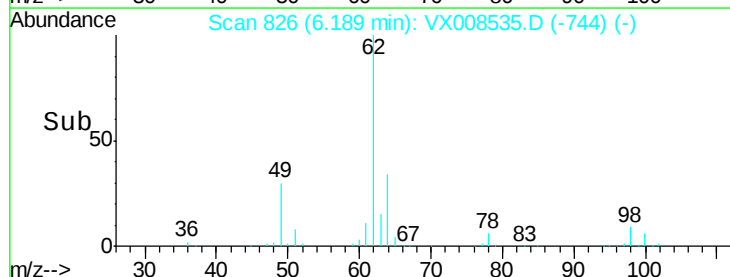
62 100

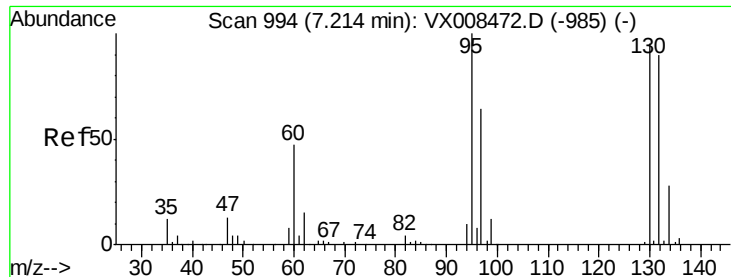
98 8.8 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





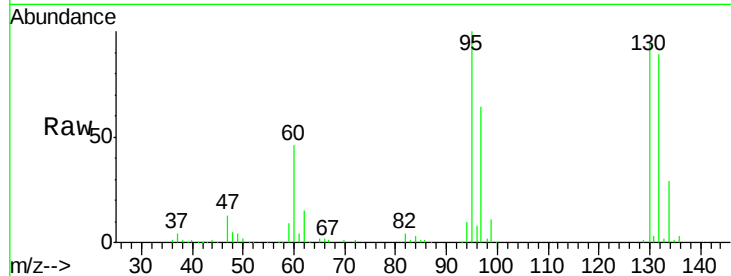
#37
 Trichloroethene
 Concen: 20.126 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

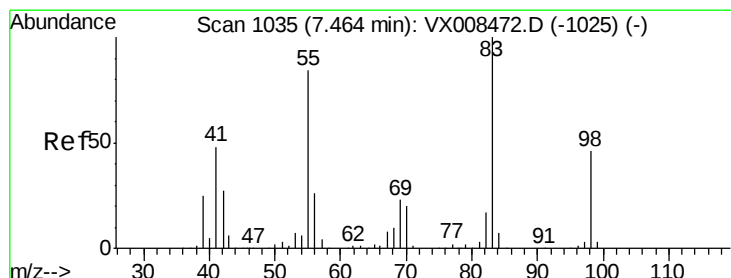
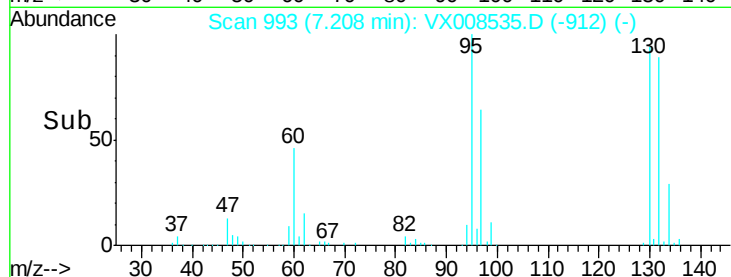
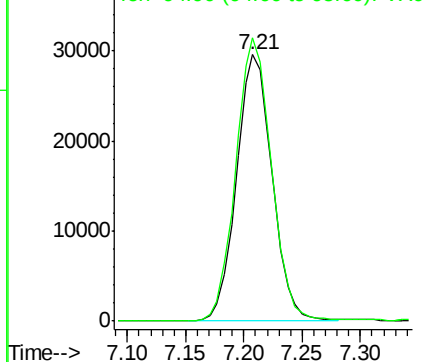
Tot Ion:130 Resp: 63206
 Ion Ratio Lower Upper
 130 100
 95 106.2 71.3 106.9

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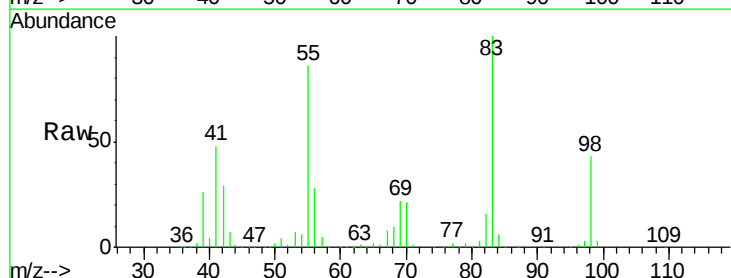


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

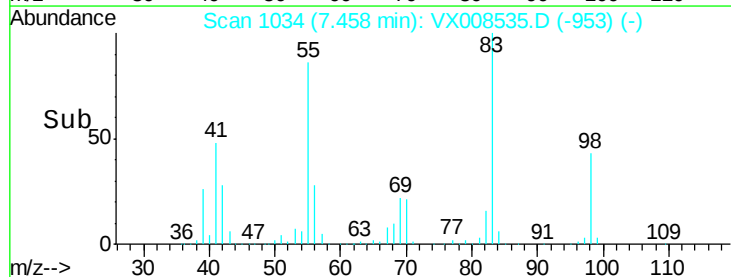
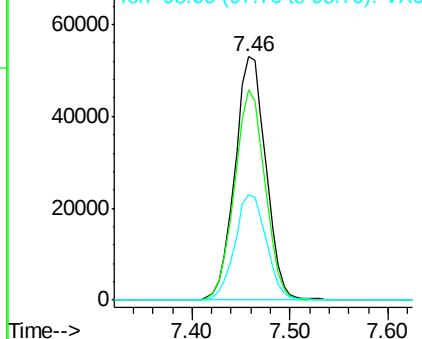


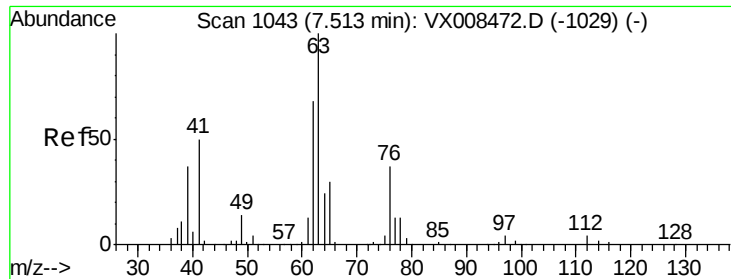
#38
 Methylcyclohexane
 Concen: 20.812 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Tgt Ion: 83 Resp: 117162
 Ion Ratio Lower Upper
 83 100
 55 84.7 36.0 108.0
 98 44.1 23.8 71.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





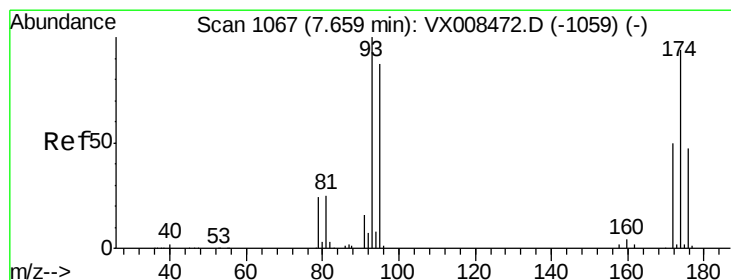
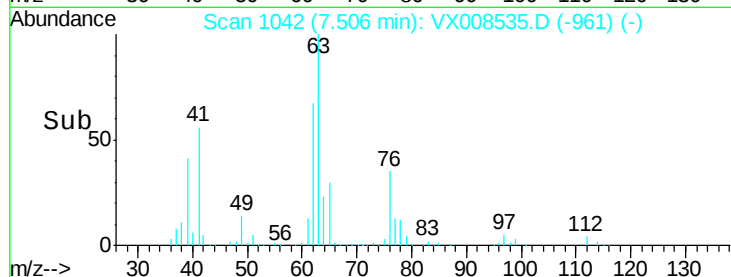
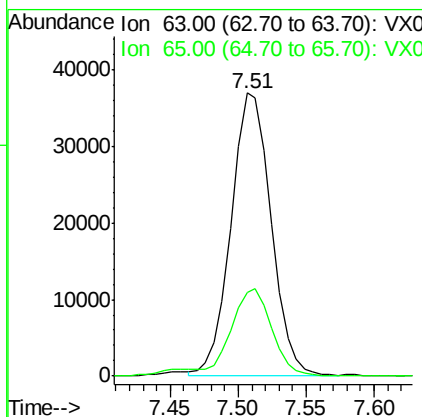
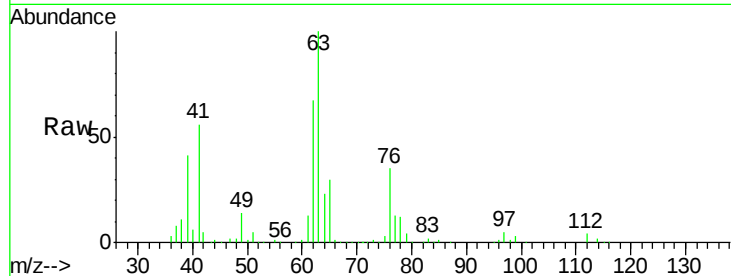
#39
 1,2-Dichloropropane
 Concen: 19.567 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 63 Resp: 75792
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.6 37.0

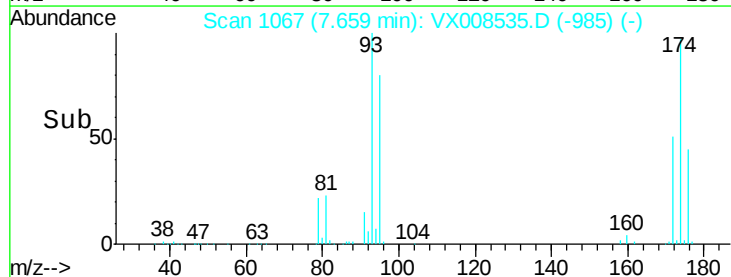
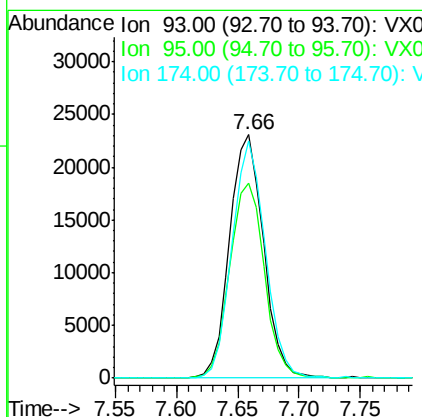
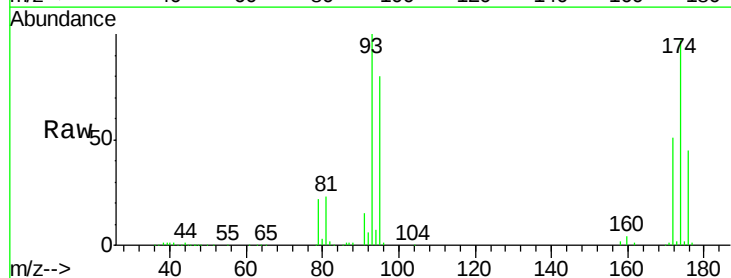
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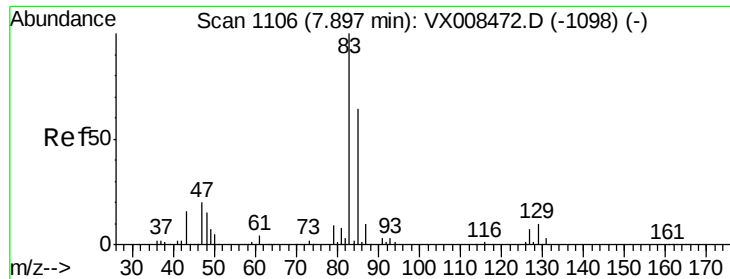
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#40
 Dibromomethane
 Concen: 19.751 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Tgt Ion: 93 Resp: 44318
 Ion Ratio Lower Upper
 93 100
 95 82.1 0.0 158.8
 174 95.3 0.0 224.2





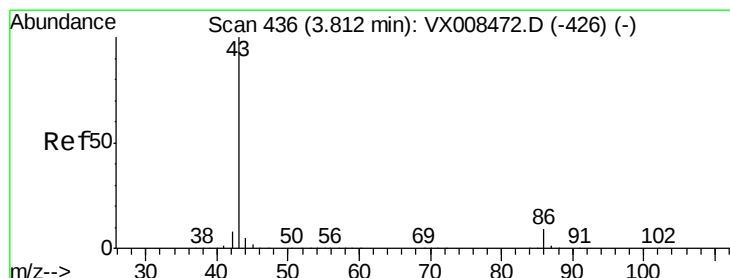
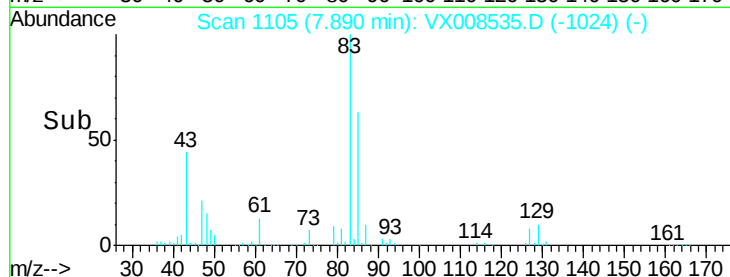
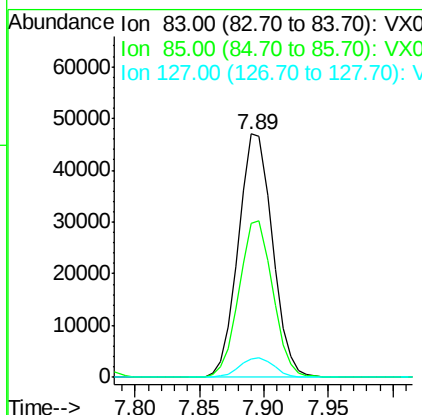
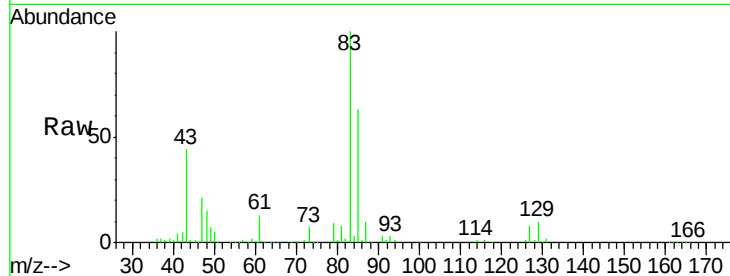
#41
Bromodichloromethane
Concen: 19.694 ug/l
RT: 7.89 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	83	Resp	86886
Ion Ratio	100	Lower	Upper
83	100		
85	63.2	51.1	76.7
127	7.6	7.2	10.8

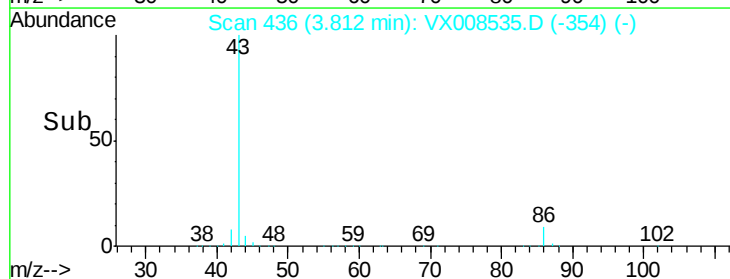
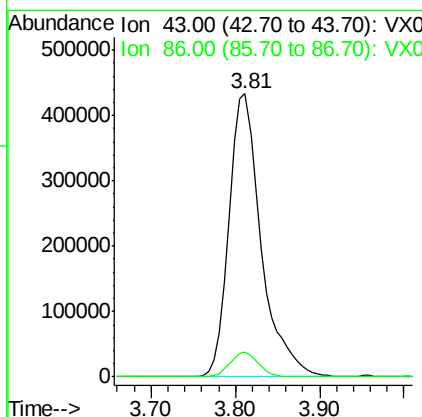
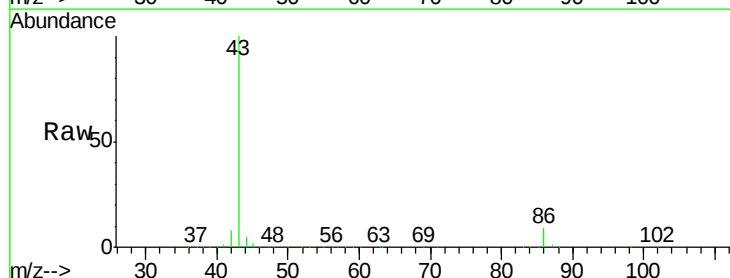
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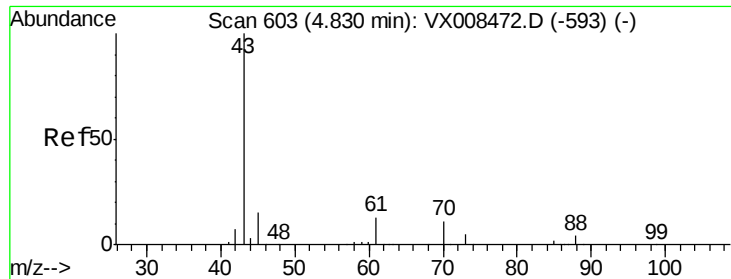
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#42
Vinyl Acetate
Concen: 100.570 ug/l
RT: 3.81 min Scan# 436
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Tgt Ion	43	Resp	1119998
Ion Ratio	100	Lower	Upper
43	100		
86	7.8	8.2	12.2#





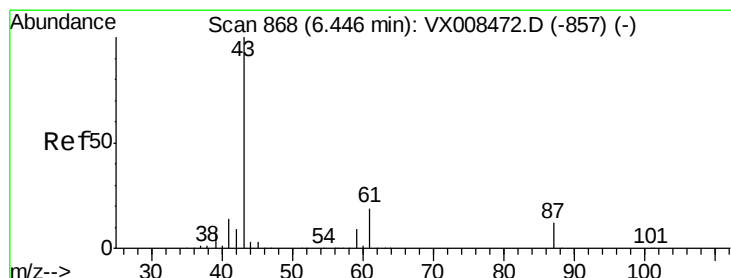
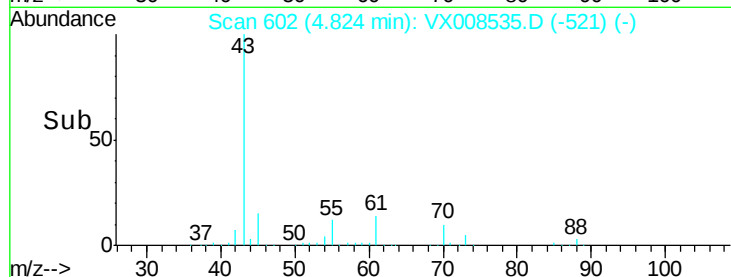
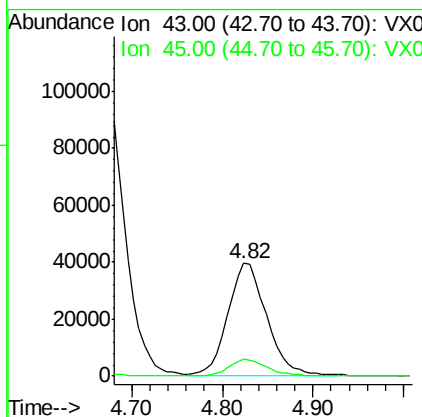
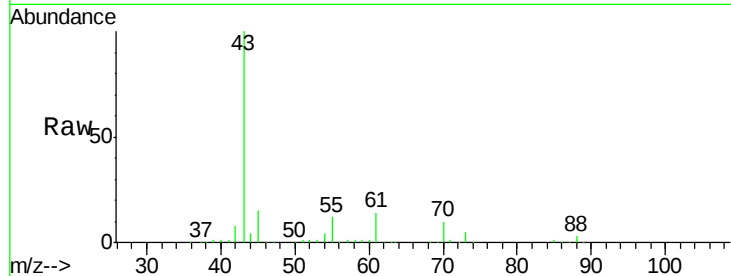
#43
Ethyl Acetate
Concen: 19.712 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion: 43 Resp: 116555
Ion Ratio Lower Upper
43 100
45 14.6 6.9 10.3#

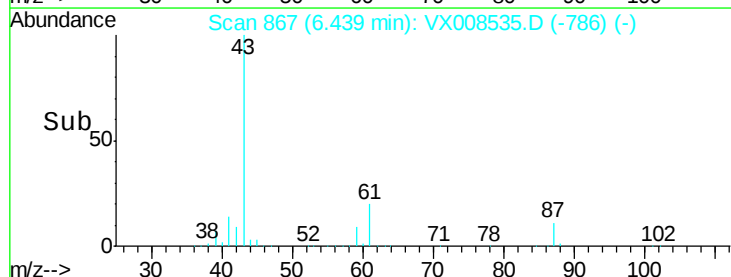
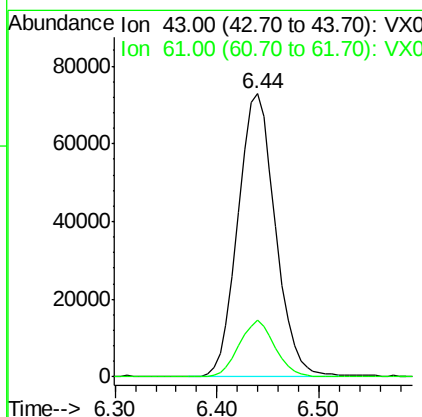
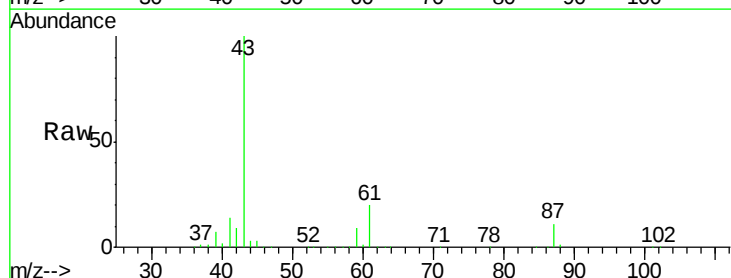
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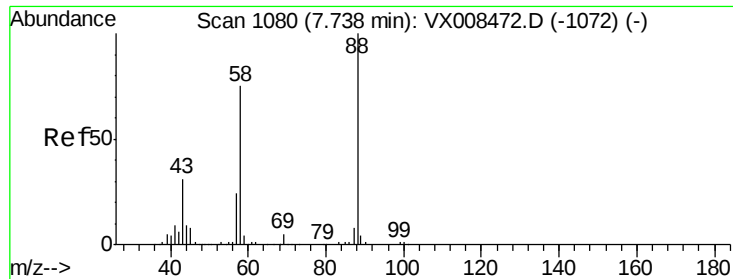
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#44
Isopropyl Acetate
Concen: 19.371 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Tgt Ion: 43 Resp: 185204
Ion Ratio Lower Upper
43 100
61 19.4 16.1 24.1





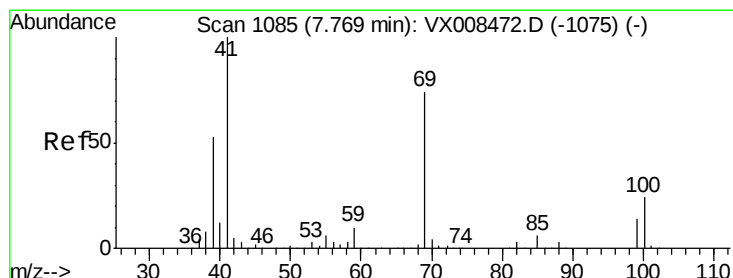
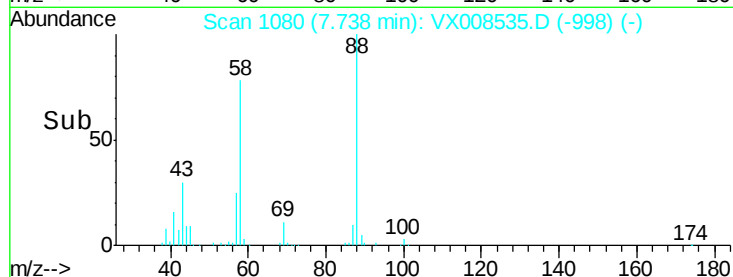
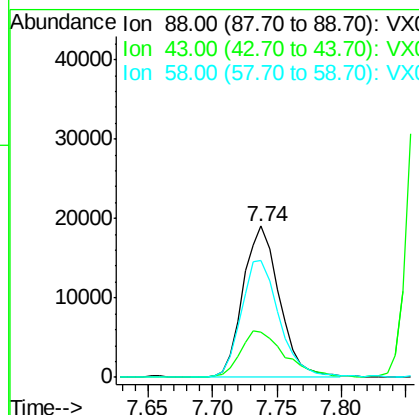
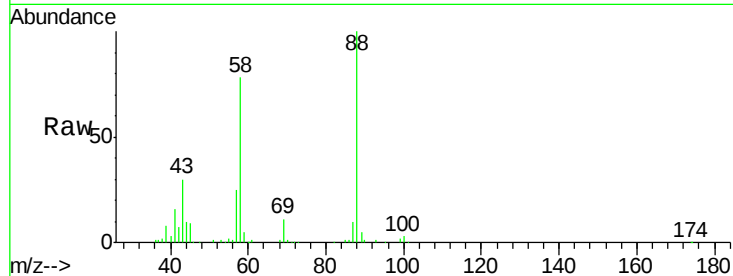
#45
 1,4-Dioxane
 Concen: 392.095 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.6	23.6	35.4#
58	80.3	51.6	77.4#

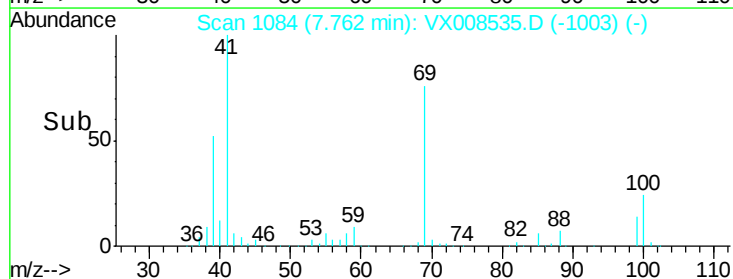
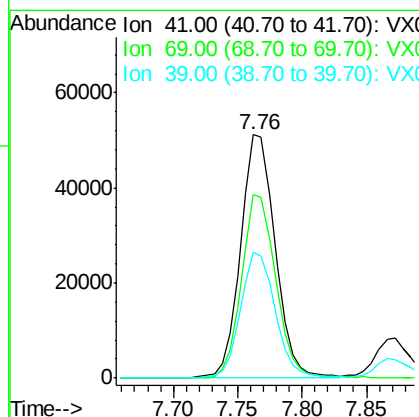
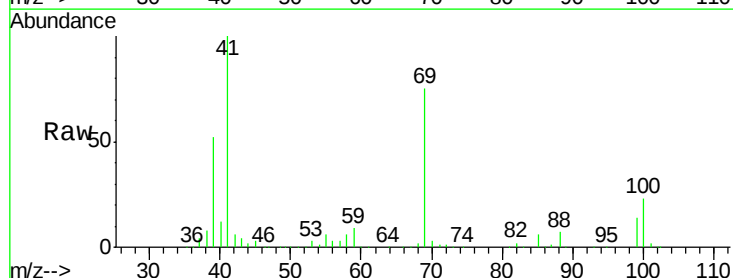
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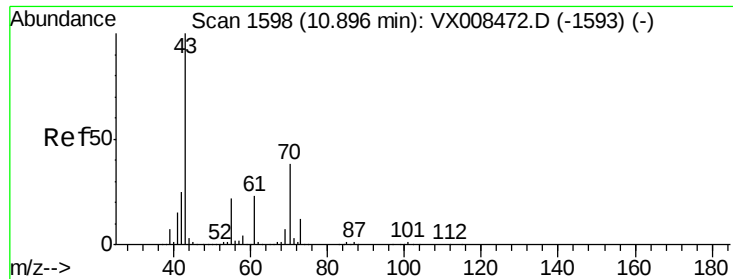
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#46
 Methyl methacrylate
 Concen: 19.504 ug/l
 RT: 7.76 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Tgt Ion	Ratio	Lower	Upper
41	100		
69	75.5	44.2	132.6
39	51.5	29.9	89.8





#47

n-amvl Acetate

Concen: 19.730 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 171352

Ion Ratio Lower Upper

43 100

55 23.3 20.8 31.2

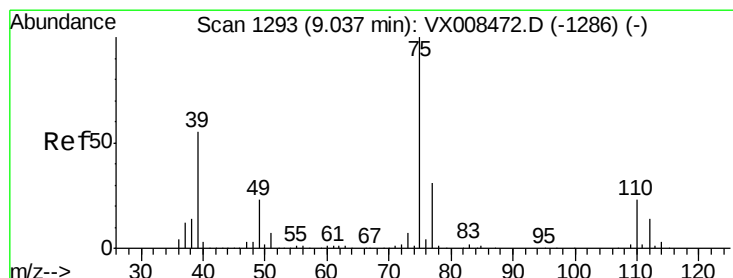
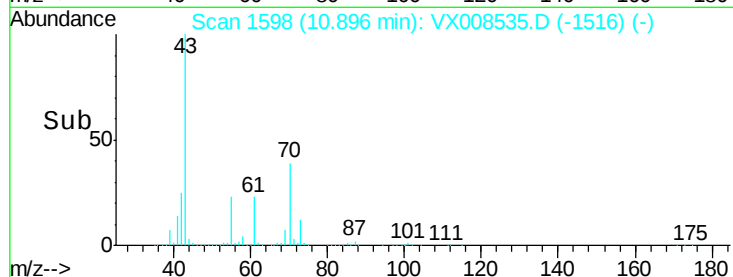
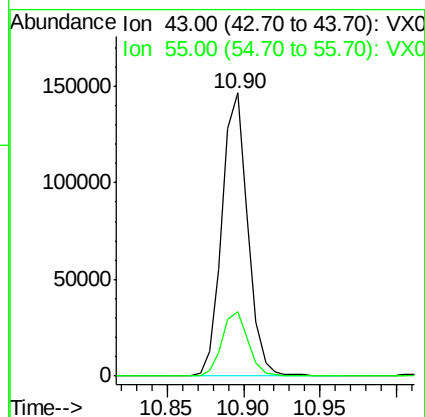
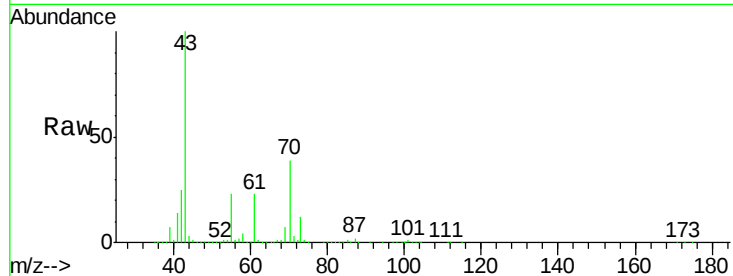
Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 19.368 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX008535.D

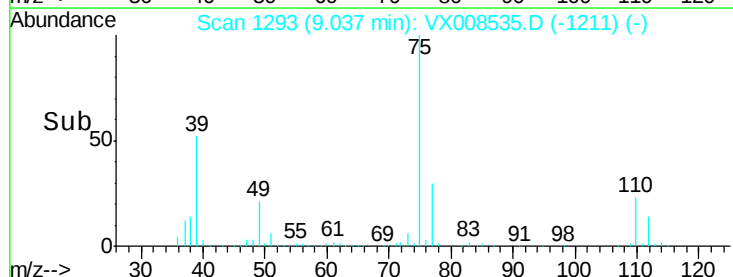
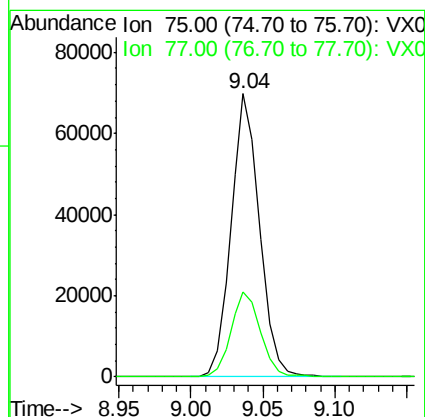
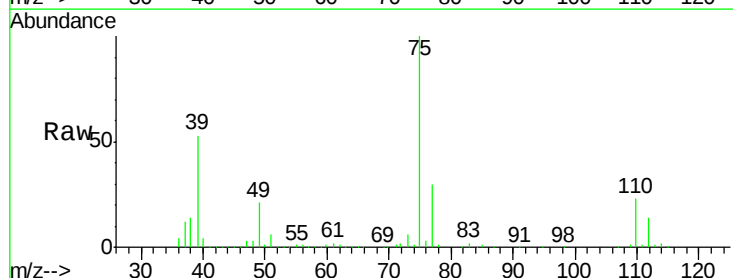
Acq: 29 Mar 2019 09:30

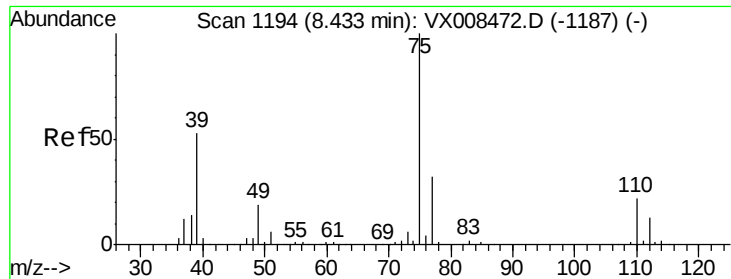
Tgt Ion: 75 Resp: 96514

Ion Ratio Lower Upper

75 100

77 30.1 24.5 36.7





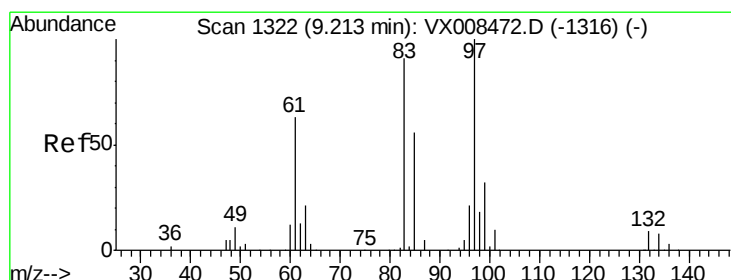
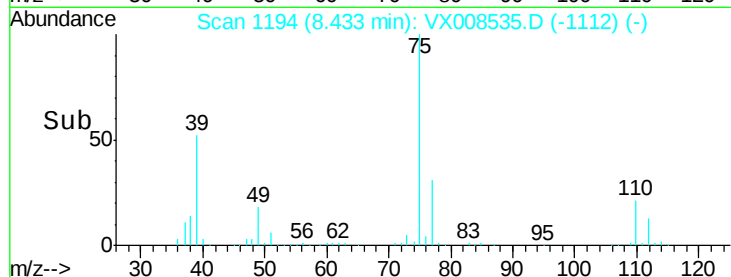
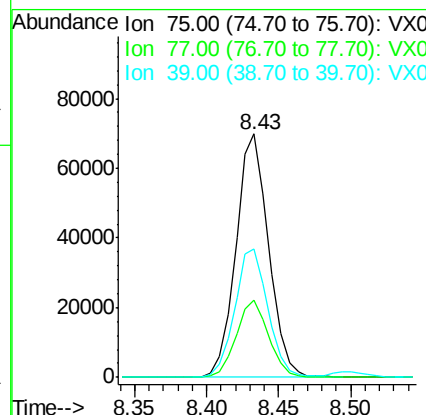
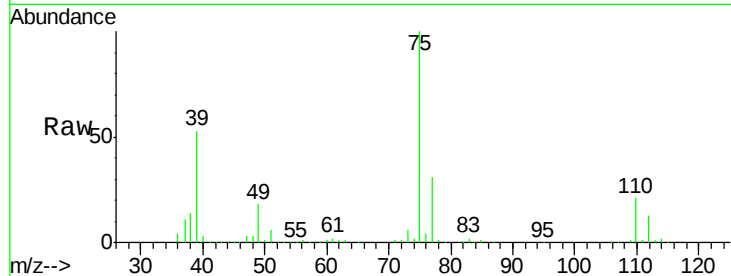
#49
 cis-1,3-Dichloropropene
 Concen: 19.711 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:	75	Resp:	109869
Ion Ratio	Lower	Upper	
75	100		
77	31.5	25.0	37.4
39	52.6	38.5	57.7

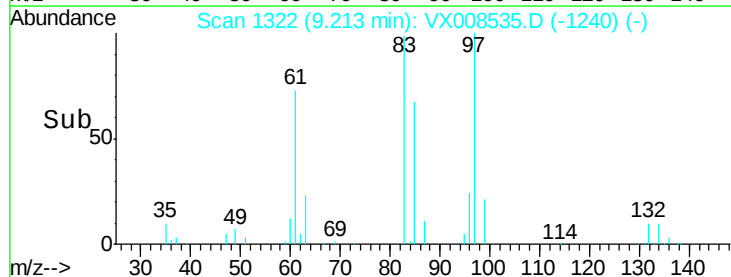
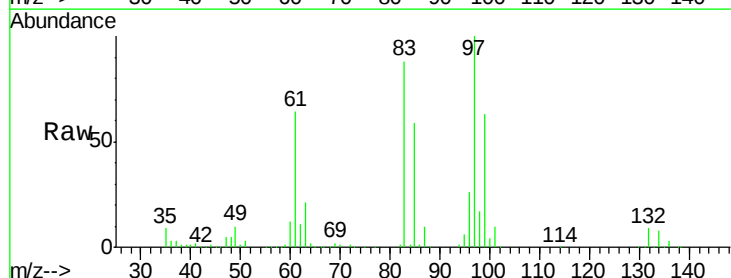
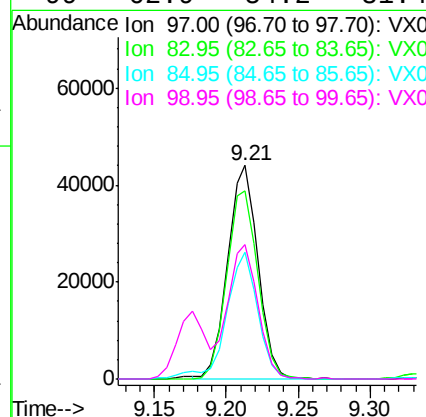
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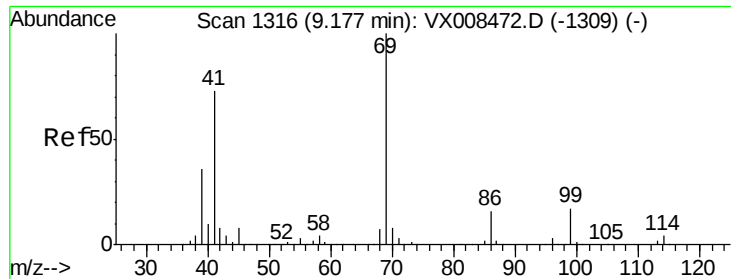
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#50
 1,1,2-Trichloroethane
 Concen: 19.474 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Tgt Ion:	97	Resp:	64882
Ion Ratio	Lower	Upper	
97	100		
83	88.2	72.0	108.0
85	59.4	45.0	67.6
99	62.9	54.2	81.4





#51

Ethyl methacrylate

Concen: 19.229 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

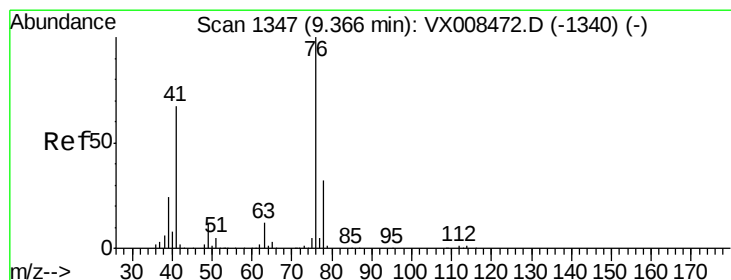
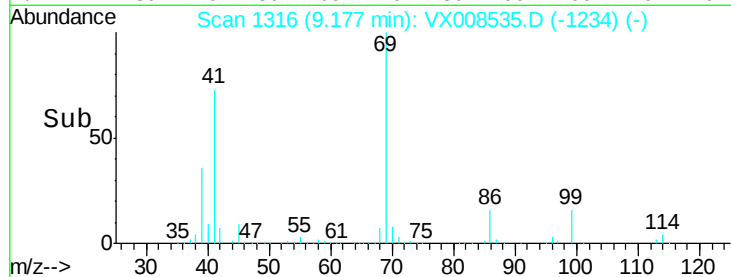
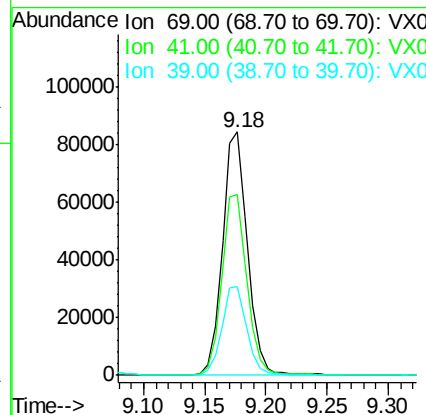
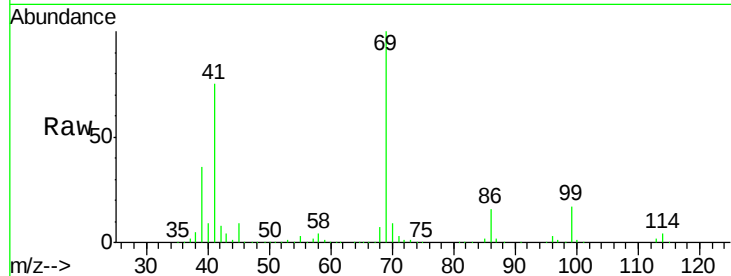
Tot Ion:	69	Resp:	119220
Ion	Ratio	Lower	Upper
69	100		
41	74.5	32.1	96.5
39	36.3	18.8	56.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.866 ug/l

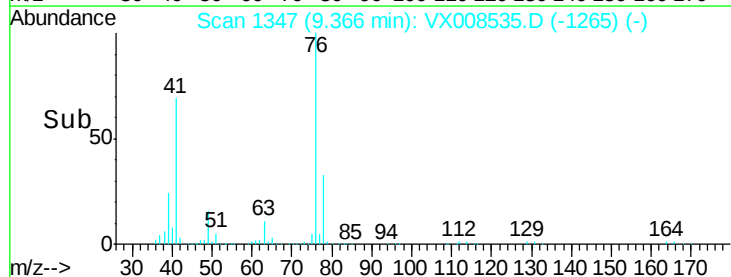
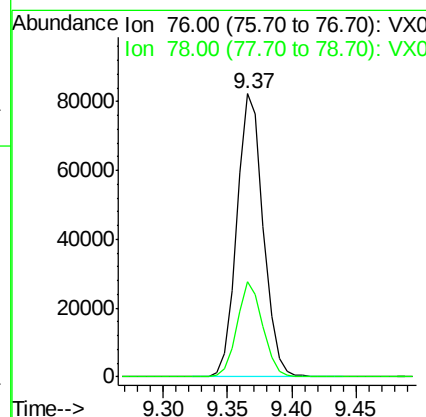
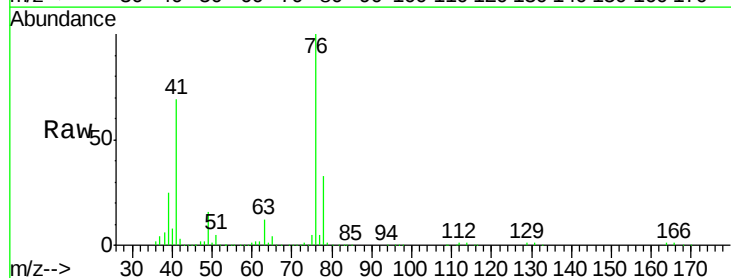
RT: 9.37 min Scan# 1347

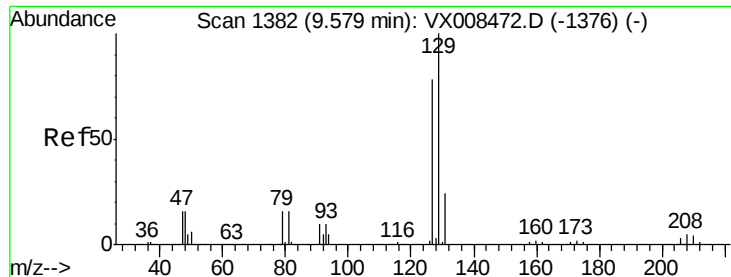
Delta R.T. -0.00 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Tgt Ion:	76	Resp:	117753
Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	65.2





#53

Dibromochloromethane

Concen: 19.130 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:129 Resp: 62719

Ion Ratio Lower Upper

129 100

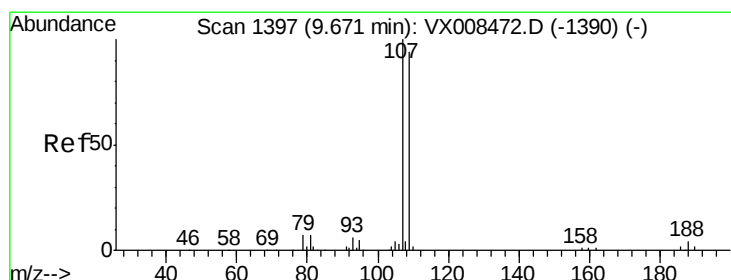
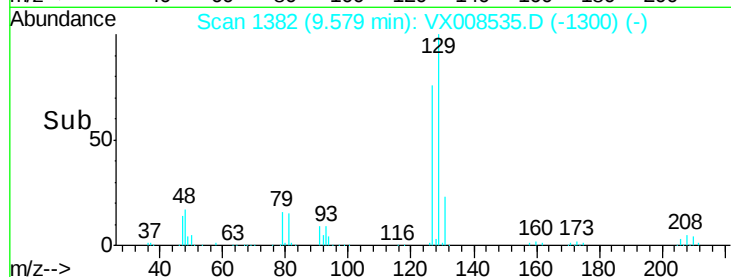
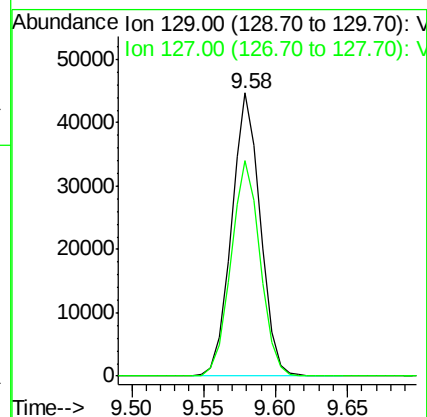
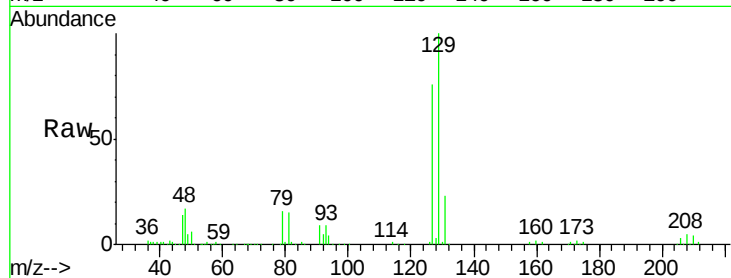
127 76.9 38.4 115.2

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#54

1,2-Dibromoethane

Concen: 19.912 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008535.D

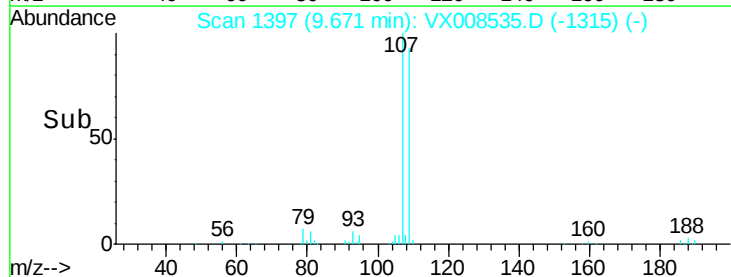
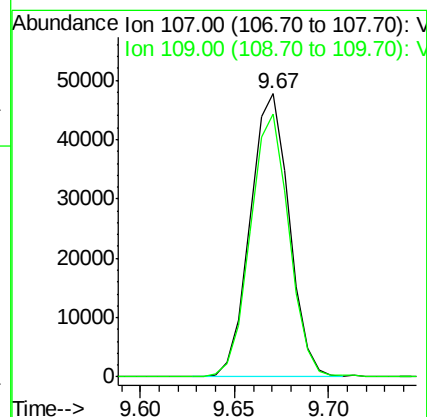
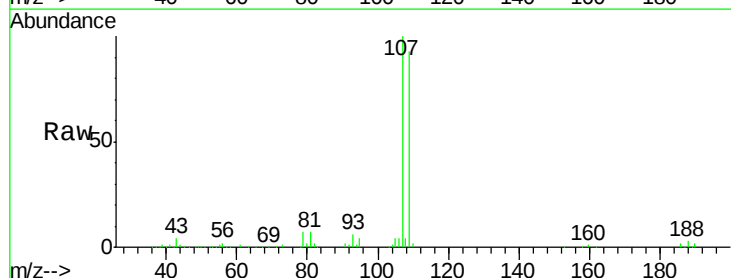
Acq: 29 Mar 2019 09:30

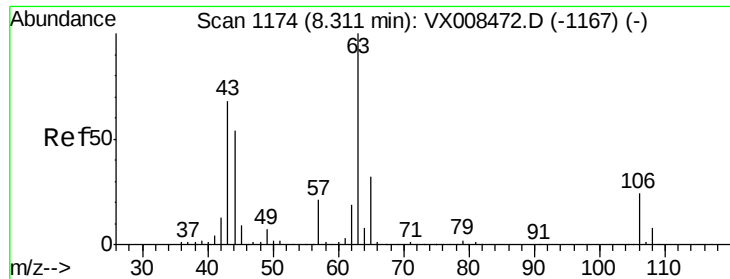
Tgt Ion:107 Resp: 68387

Ion Ratio Lower Upper

107 100

109 92.5 76.6 115.0





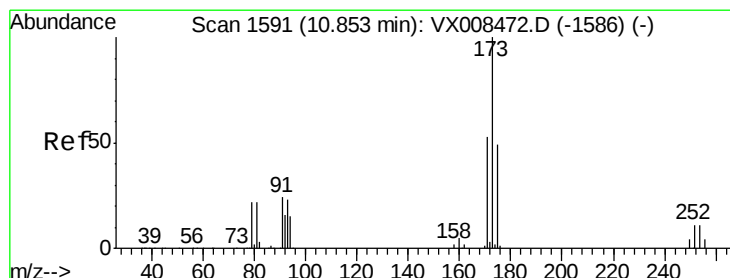
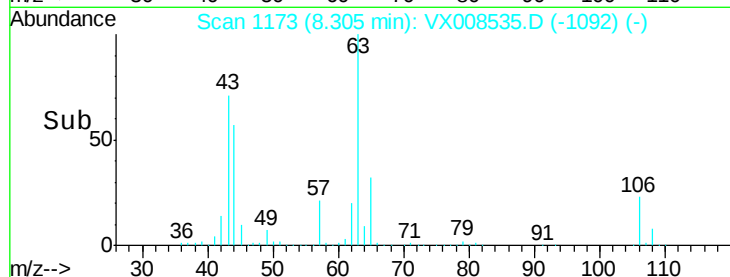
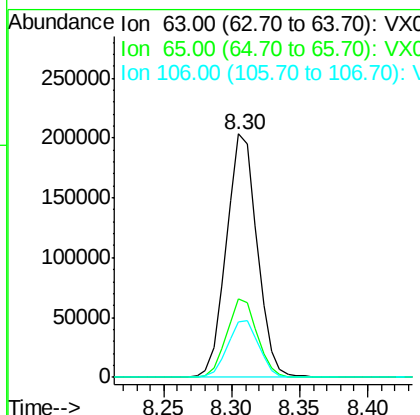
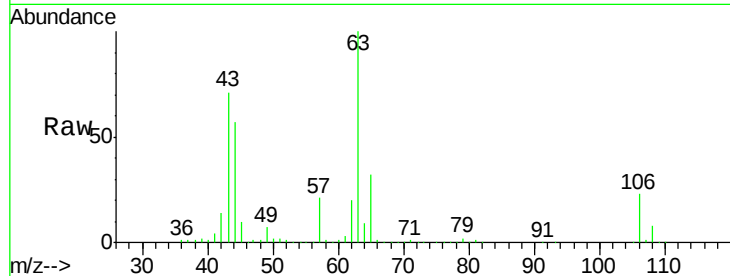
#55
2-Chloroethyl vinyl ether
Concen: 102.349 ug/l
RT: 8.30 min Scan# 1173
Delta R.T. -0.01 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.7	38.5
106	23.7	23.7	35.5

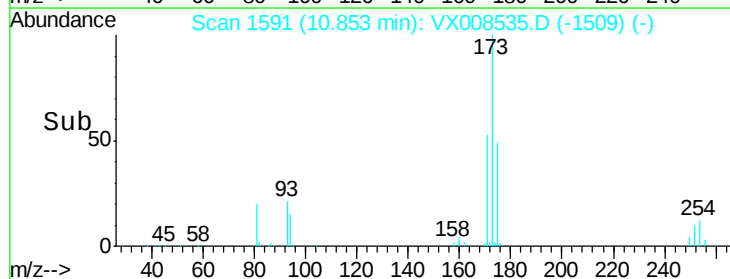
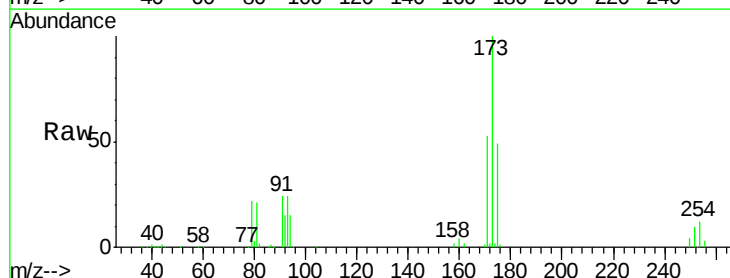
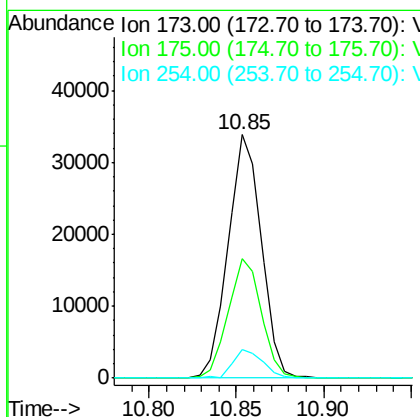
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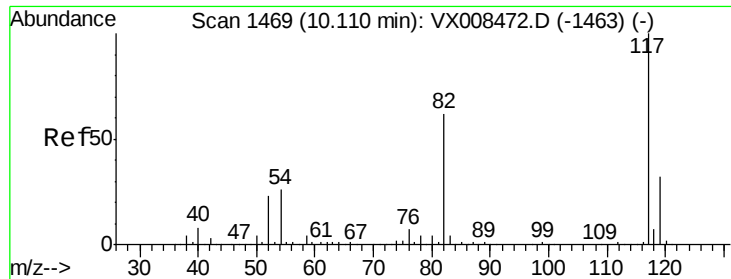
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#56
Bromoform
Concen: 18.757 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	38.5	57.7
254	10.4	7.4	11.2





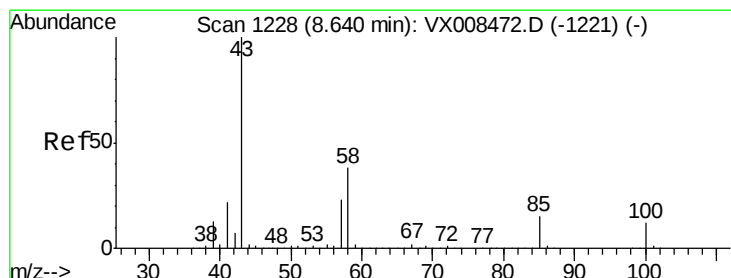
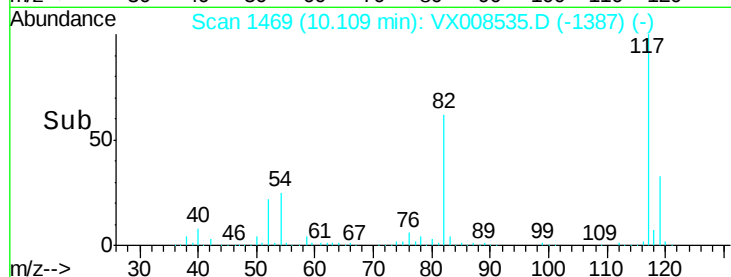
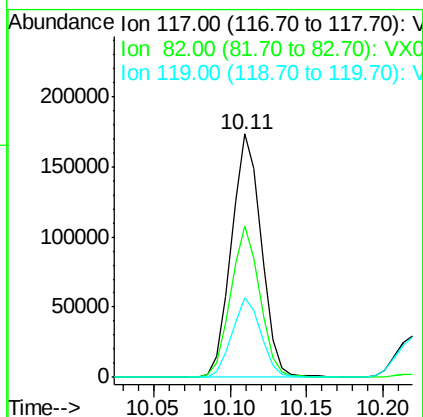
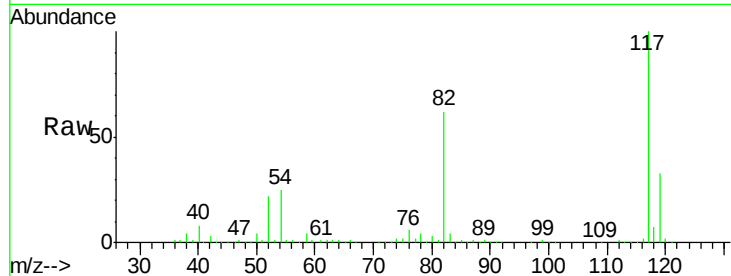
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.8	40.4	60.6
119	32.0	25.8	38.6

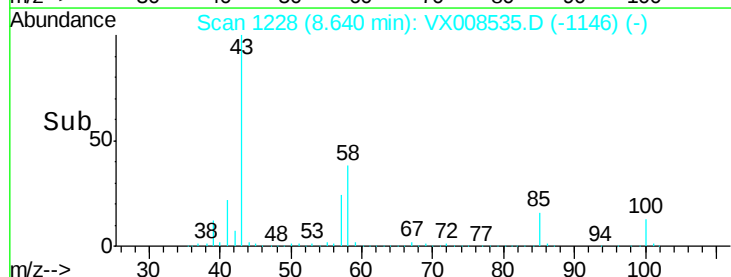
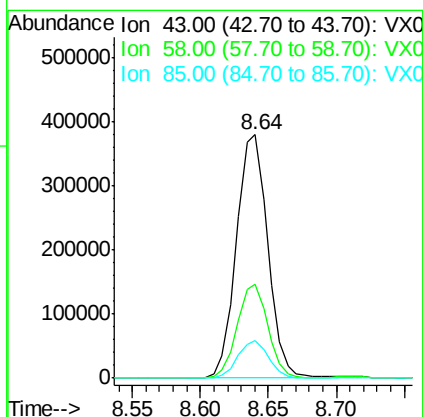
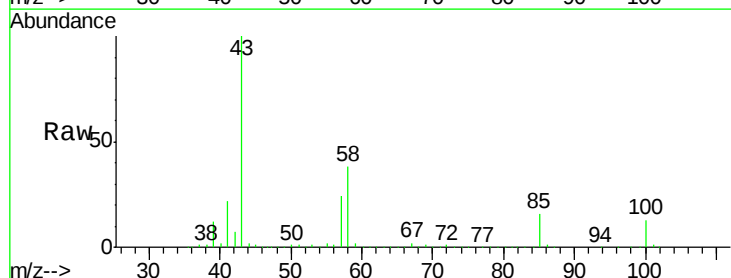
Manual Integrations
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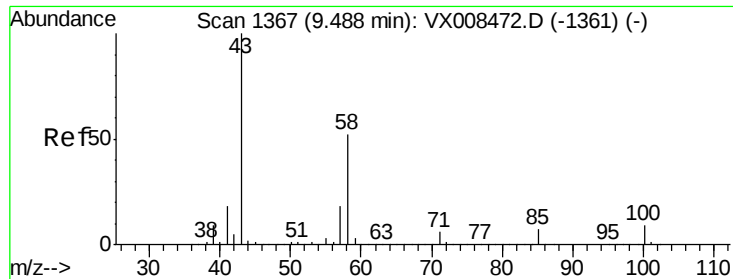
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#58
4-Methyl-2-Pentanone
Concen: 98.978 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.7	31.4	47.0
85	15.3	15.0	22.6





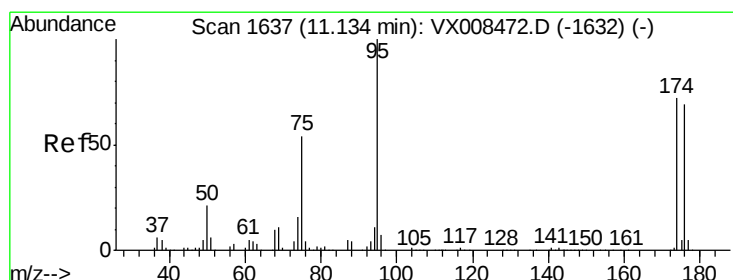
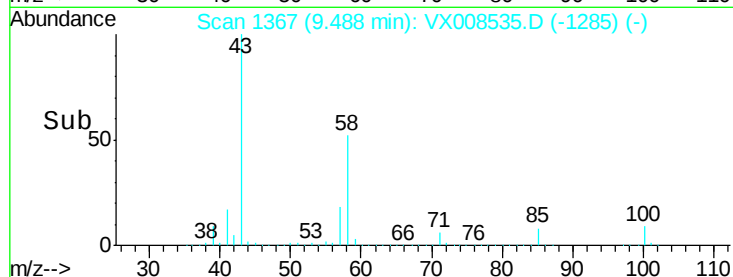
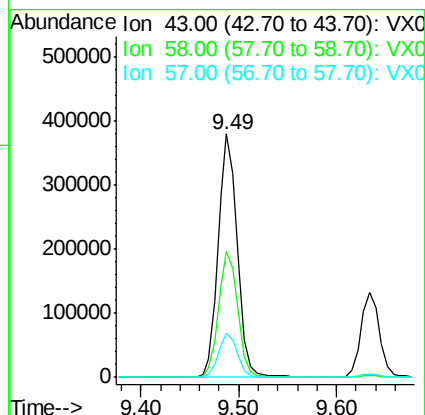
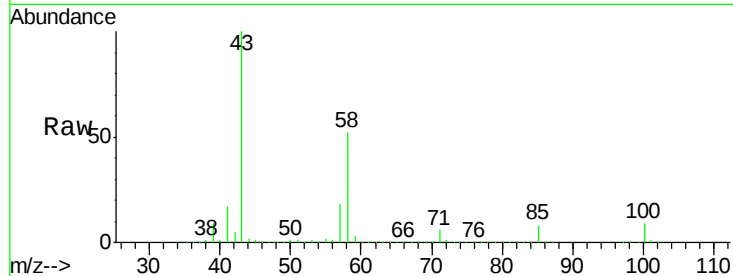
#59
2-Hexanone
Concen: 104.689 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.2	43.9	65.9
57	18.1	14.9	22.3

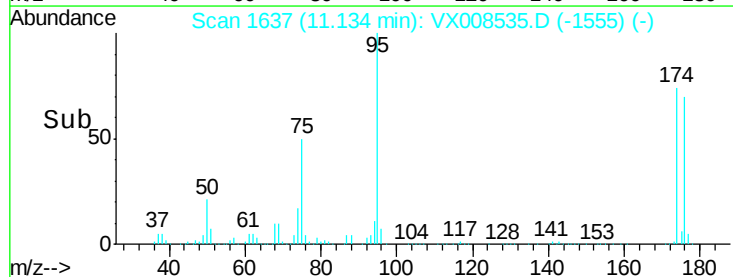
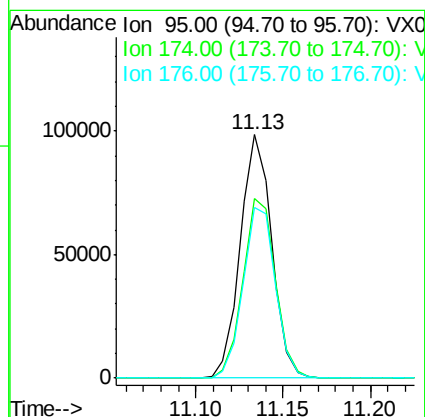
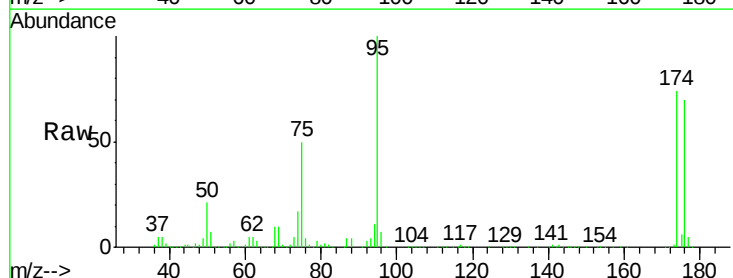
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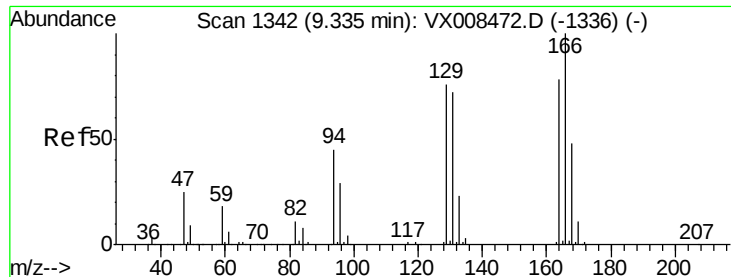
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#60
4-Bromofluorobenzene
Concen: 30.141 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.1	74.9	112.3
176	72.4	70.7	106.1





#61

Tetrachloroethene

Concen: 21.424 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 54988

Ion Ratio Lower Upper

164 100

166 126.1 103.9 155.9

129 92.4 74.7 112.1

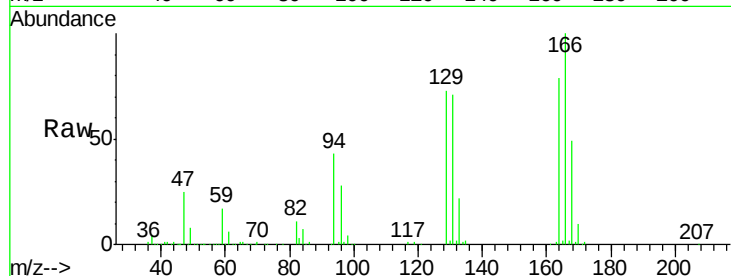
131 89.0 71.7 107.5

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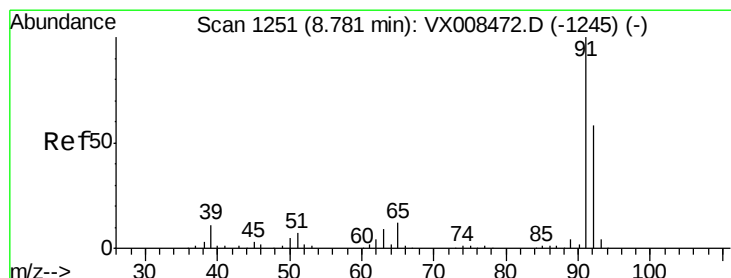
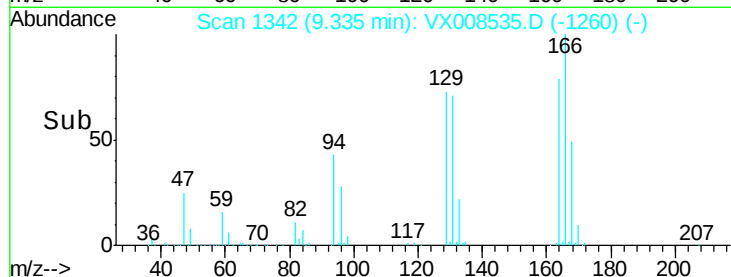
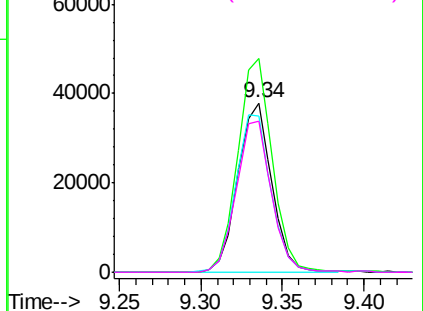


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.064 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008535.D

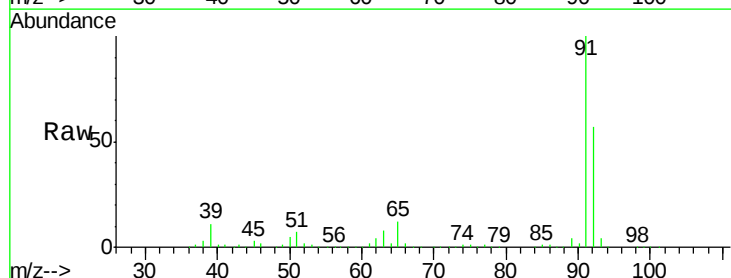
Acq: 29 Mar 2019 09:30

Tgt Ion: 91 Resp: 285046

Ion Ratio Lower Upper

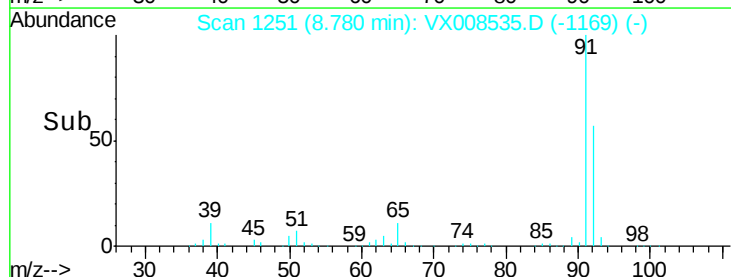
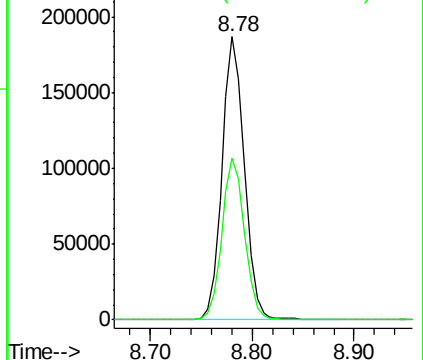
91 100

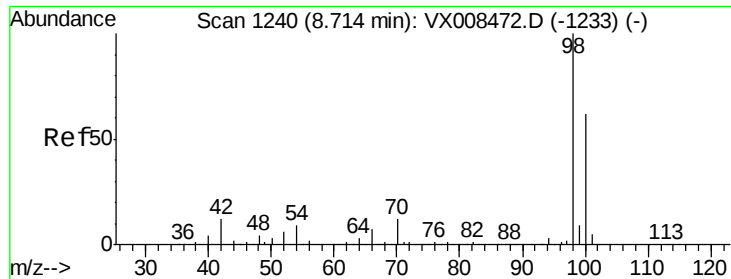
92 57.7 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





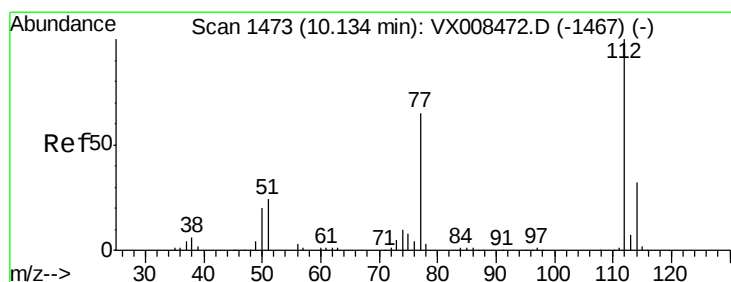
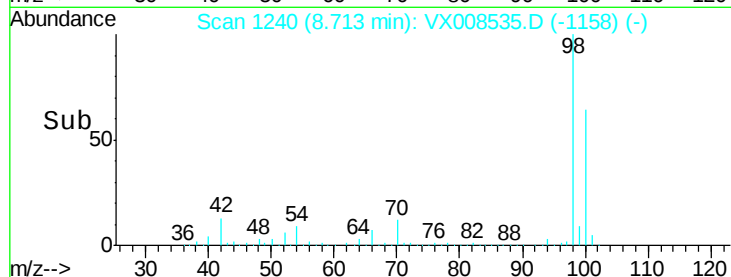
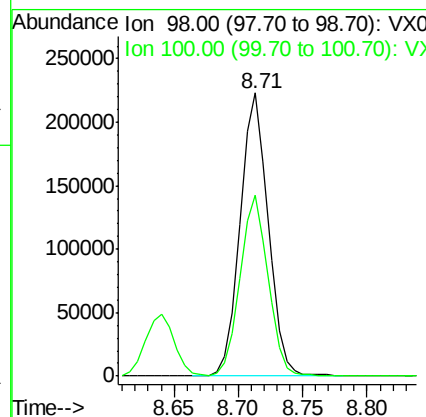
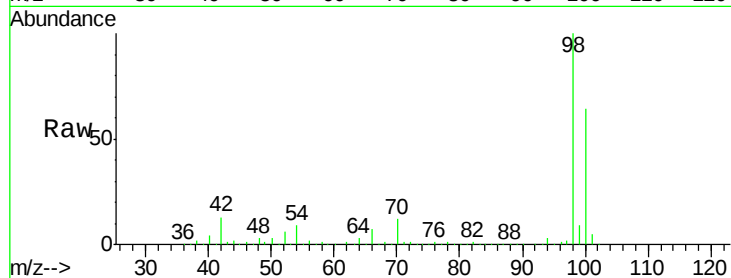
#63
Toluene-d8
Concen: 30.304 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 98 Resp: 337544
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

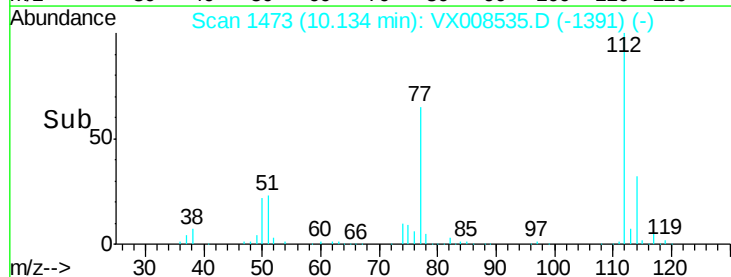
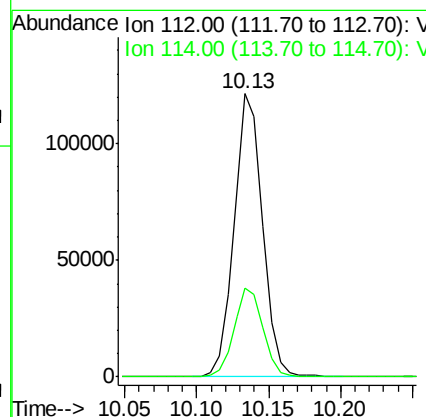
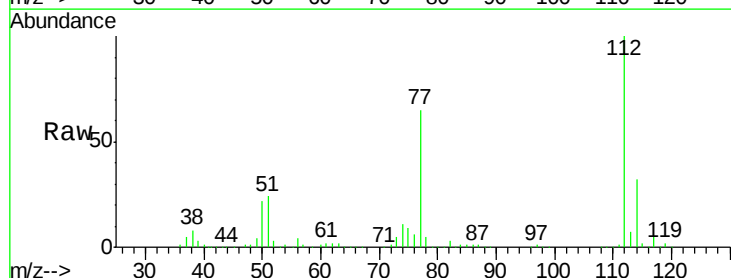
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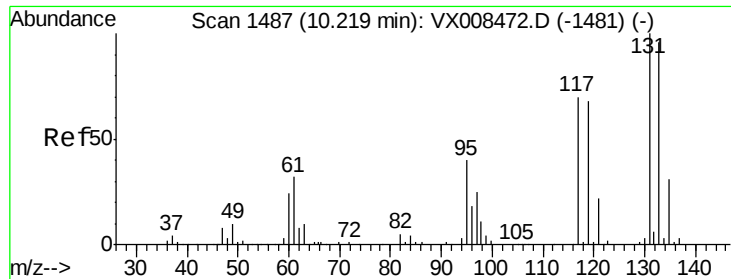
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#64
Chlorobenzene
Concen: 20.202 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Tgt Ion: 112 Resp: 168176
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.617 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion:131 Resp: 57578

Ion Ratio Lower Upper

131 100

133 96.8 0.0 191.6

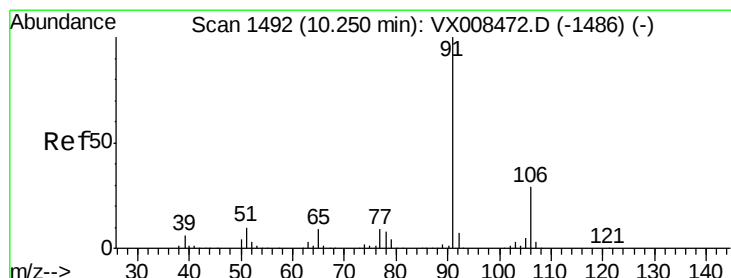
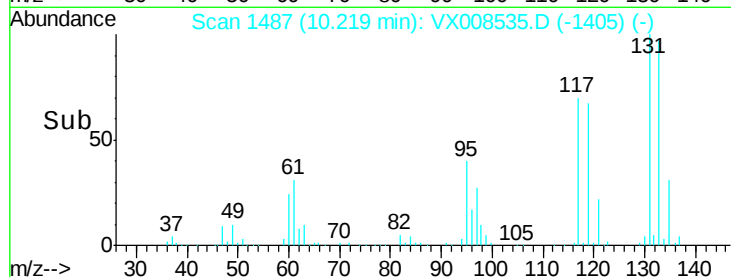
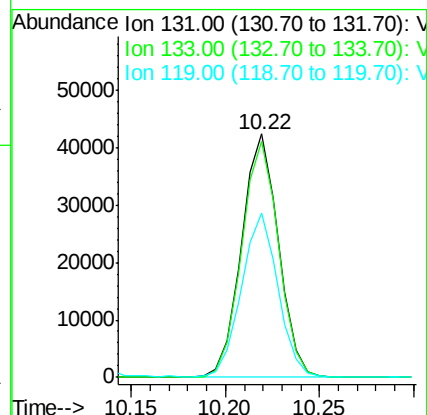
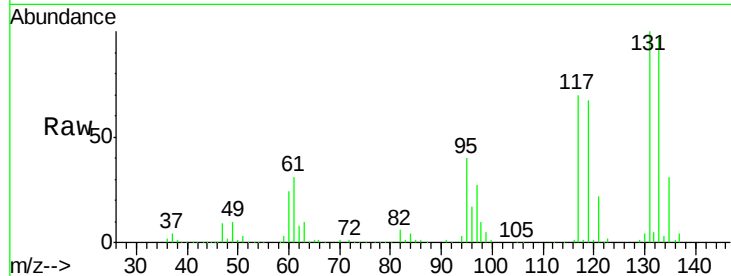
119 66.7 0.0 127.4

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#66

Ethyl Benzene

Concen: 20.320 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008535.D

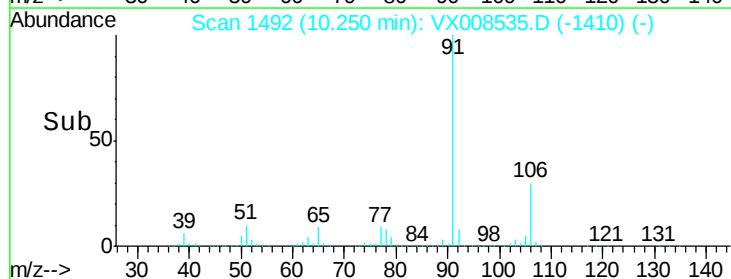
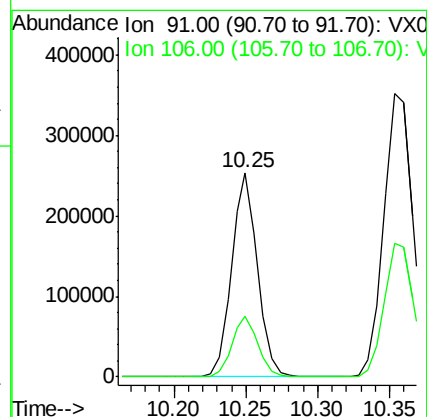
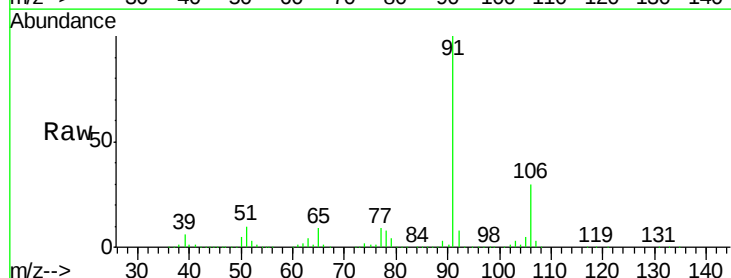
Acq: 29 Mar 2019 09:30

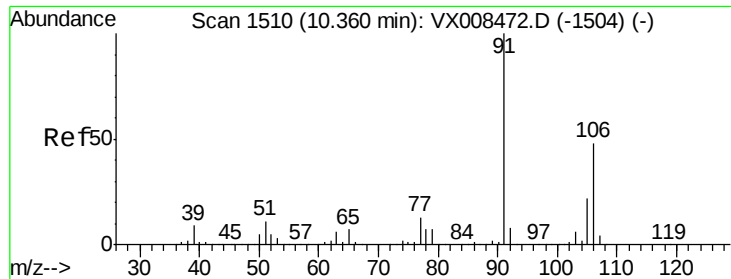
Tgt Ion: 91 Resp: 320438

Ion Ratio Lower Upper

91 100

106 29.5 26.0 39.0





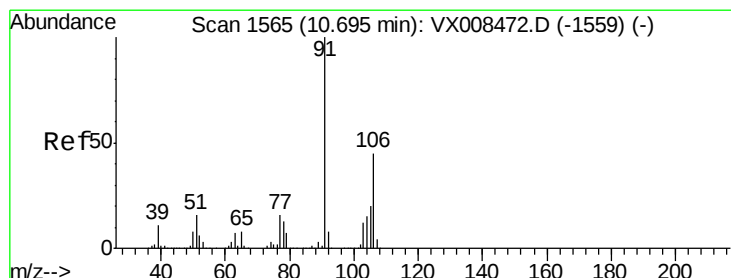
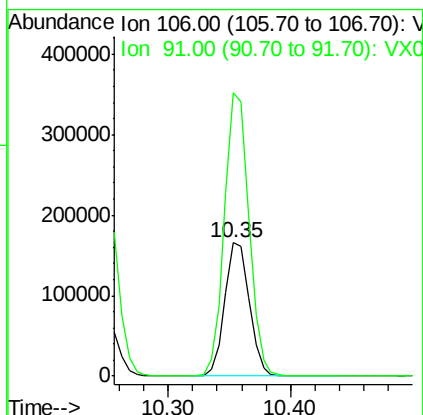
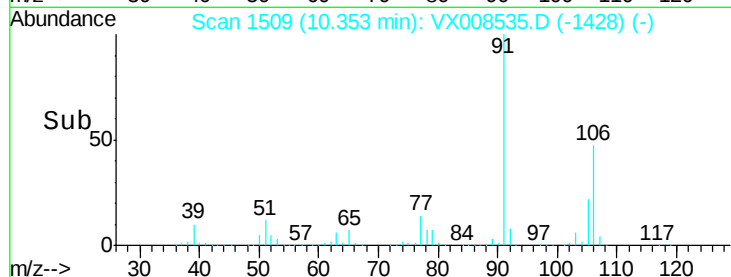
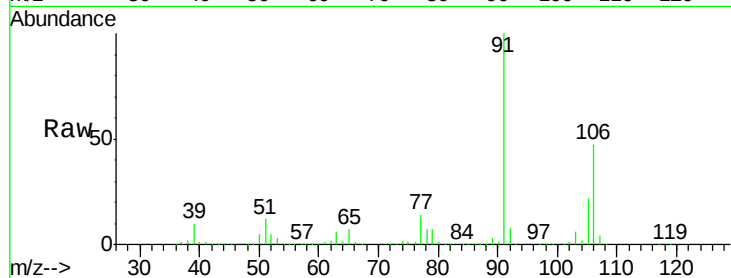
#67
m/p-Xvlenes
Concen: 40.297 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:106 Resp: 231780
Ion Ratio Lower Upper
106 100
91 210.9 157.0 235.4

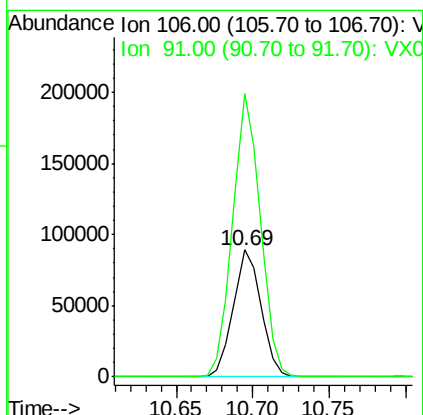
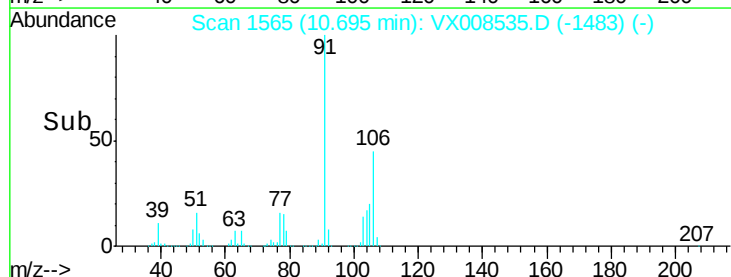
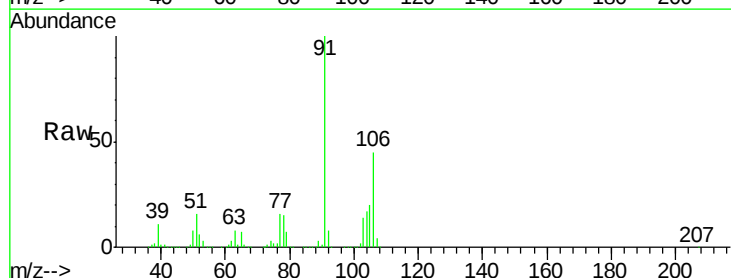
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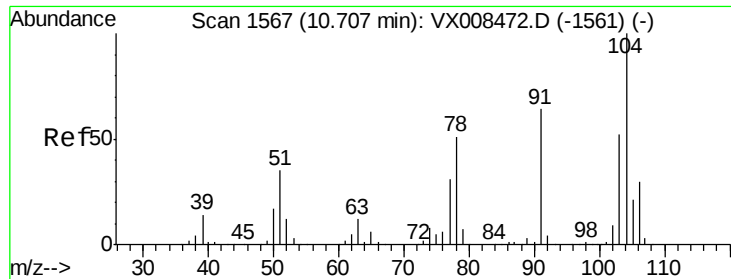
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#68
o-Xylene
Concen: 20.092 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Tgt Ion:106 Resp: 113087
Ion Ratio Lower Upper
106 100
91 222.2 104.4 313.2





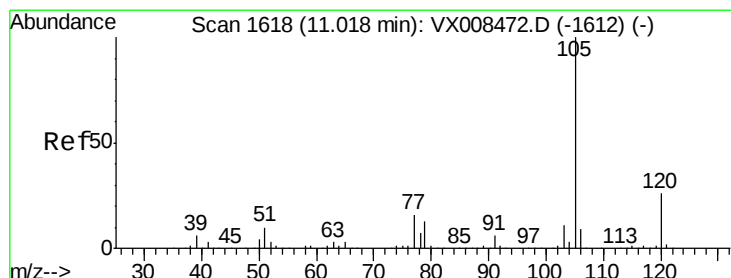
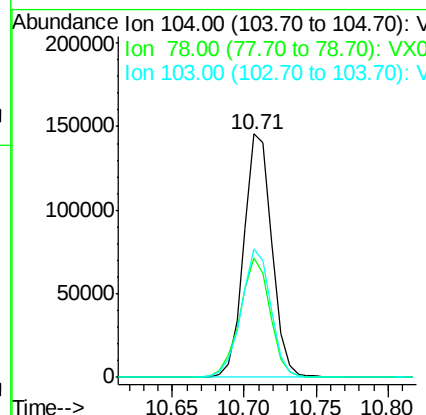
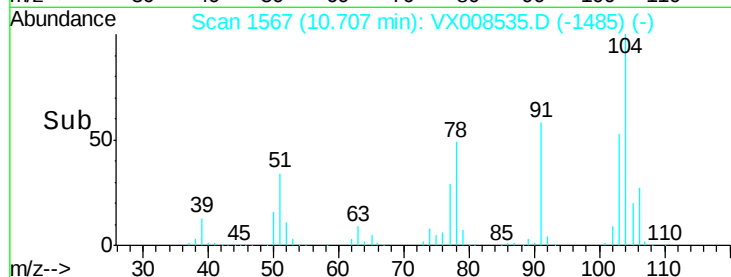
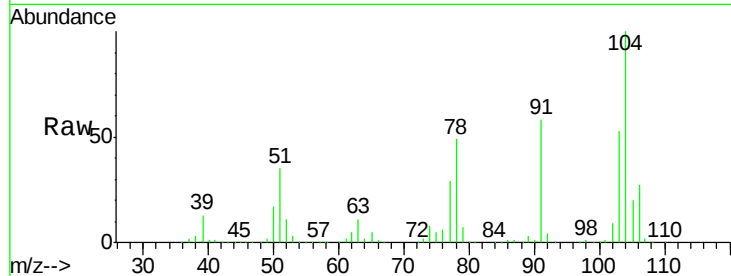
#69
Stvrene
Concen: 20.102 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.8	38.2	57.2
103	56.0	45.0	67.4

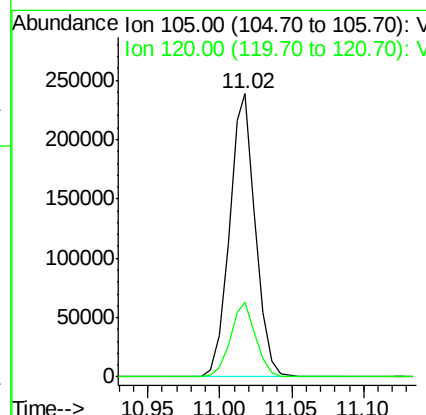
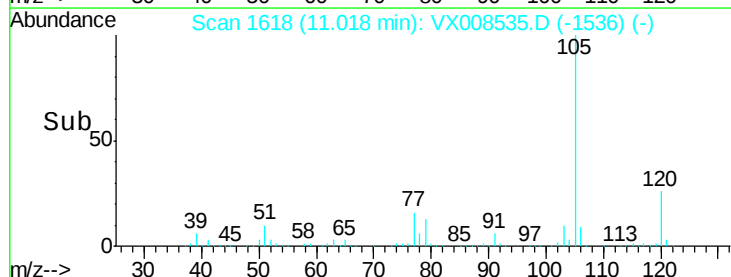
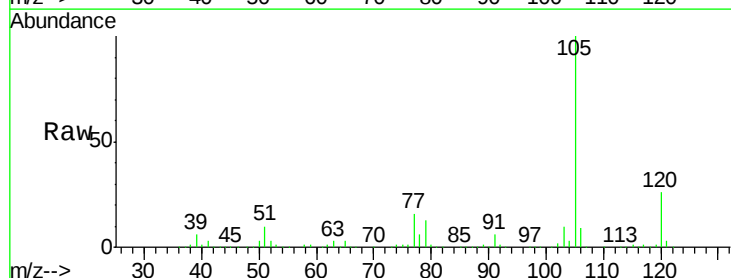
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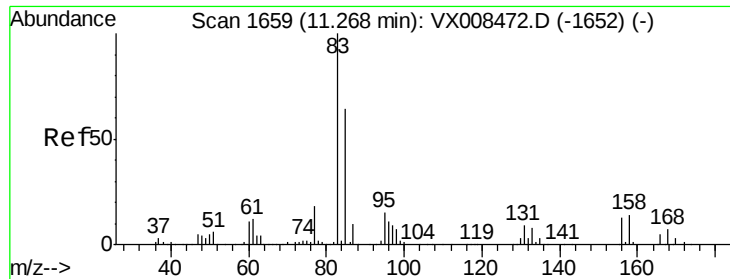
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#70
Isopropylbenzene
Concen: 20.229 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	19.8	36.8





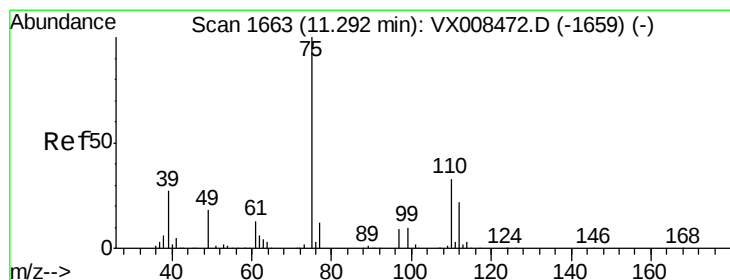
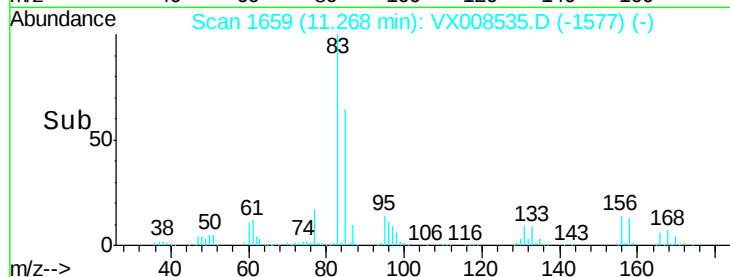
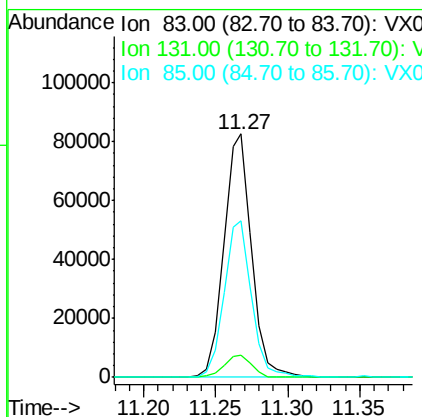
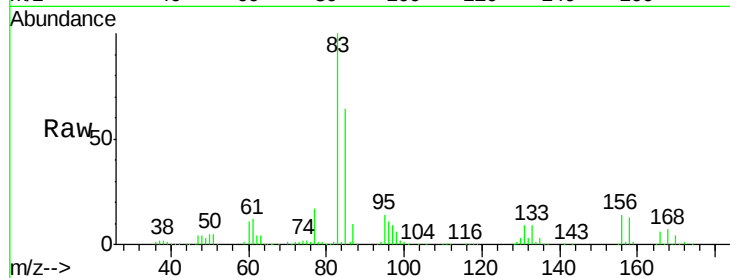
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.108 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	83	Resp	111531
Ion Ratio	100	Lower	Upper
83	100		
131	9.2	5.4	16.2
85	63.9	32.8	98.4

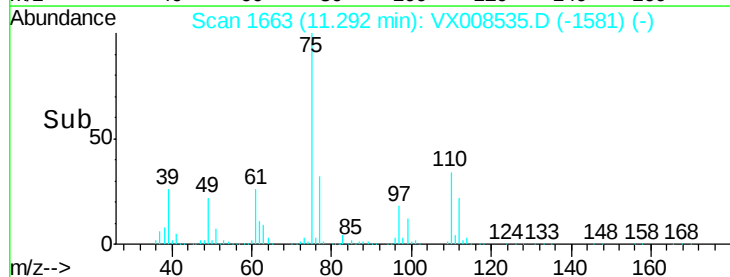
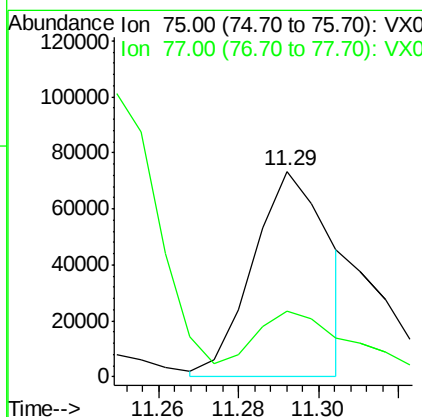
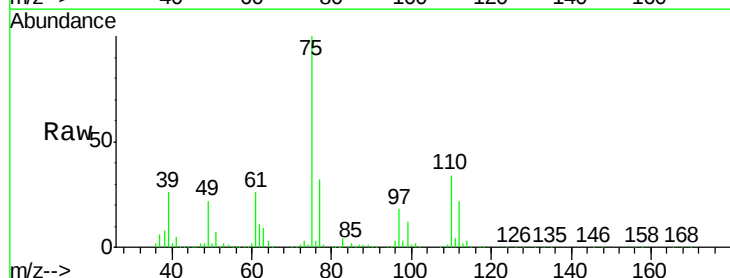
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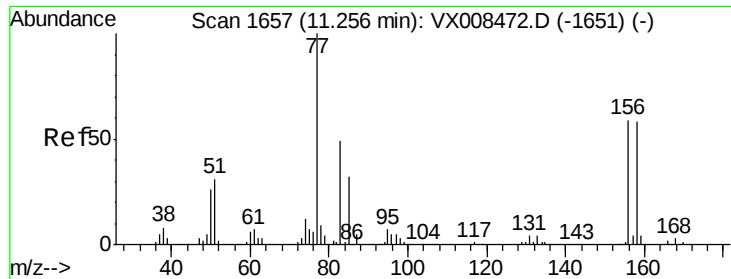
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#72
 1,2,3-Trichloropropane
 Concen: 20.612 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Tgt Ion	75	Resp	96637
Ion Ratio	100	Lower	Upper
75	100		
77	41.6	0.0	76.4





#73

Bromobenzene

Concen: 20.088 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

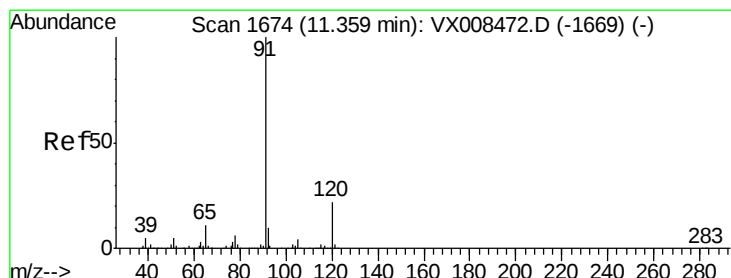
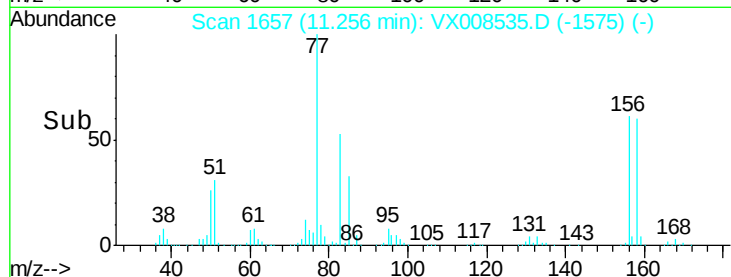
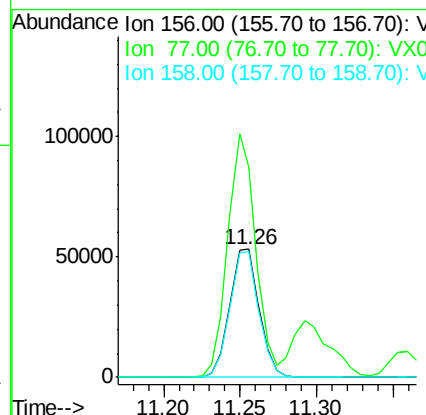
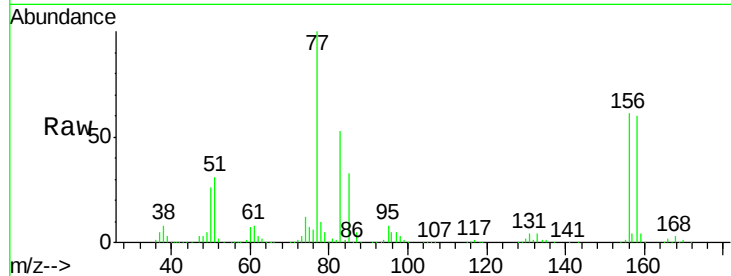
Tot Ion:	156	Resp:	70957
Ion	Ratio	Lower	Upper
156	100		
77	180.1	0.0	271.4
158	96.9	0.0	194.0

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#74

n-propylbenzene

Concen: 20.340 ug/l

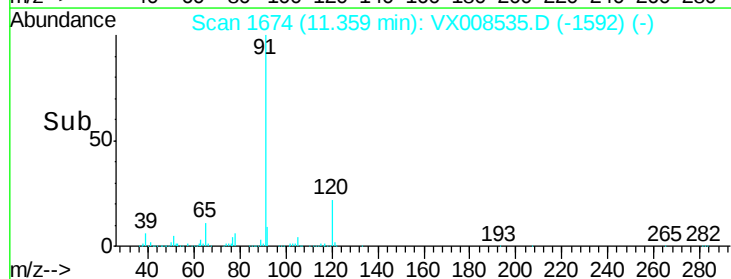
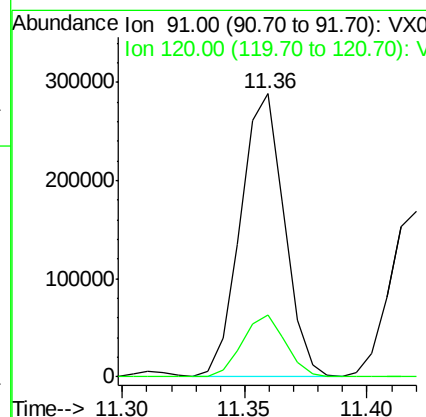
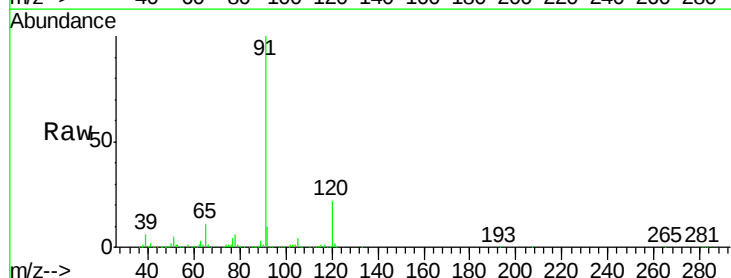
RT: 11.36 min Scan# 1674

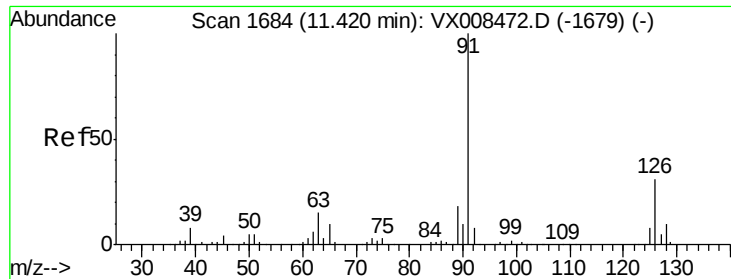
Delta R.T. -0.00 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Tgt Ion:	91	Resp:	359764
Ion	Ratio	Lower	Upper
91	100		
120	21.6	0.0	48.6





#75

2-Chlorotoluene

Concen: 20.273 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 213331

Ion Ratio Lower Upper

91 100

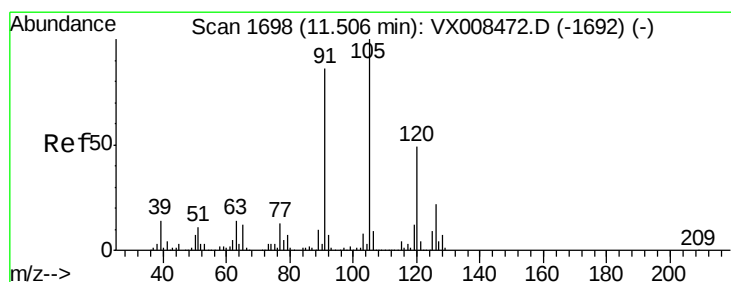
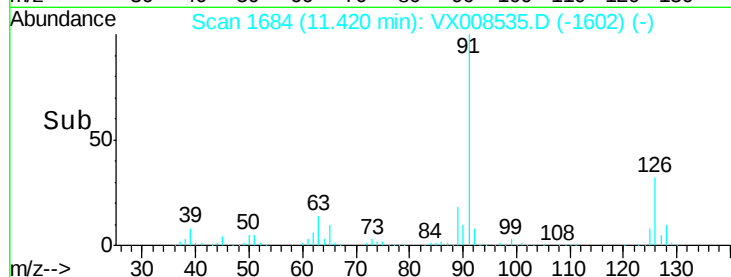
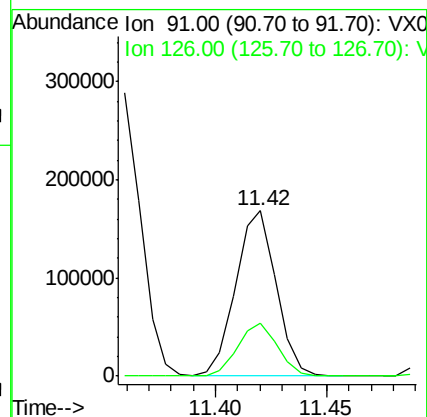
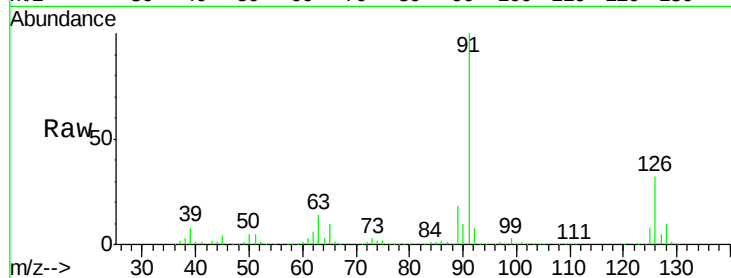
126 31.5 0.0 75.2

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#76

1,3,5-Trimethylbenzene

Concen: 20.061 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008535.D

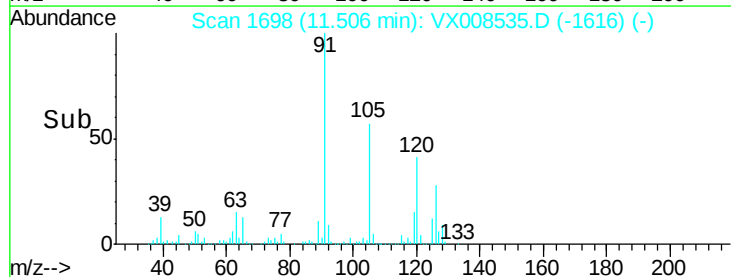
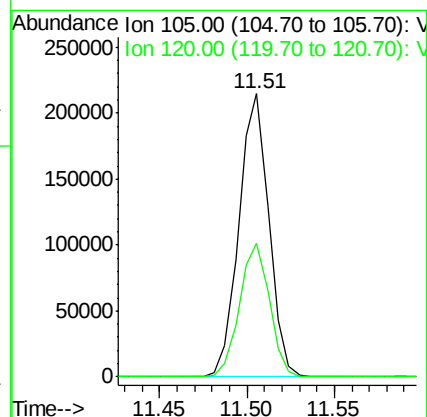
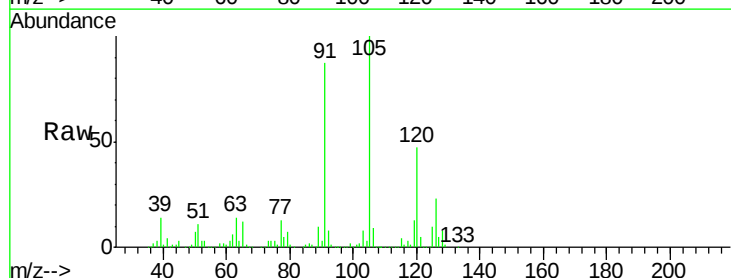
Acq: 29 Mar 2019 09:30

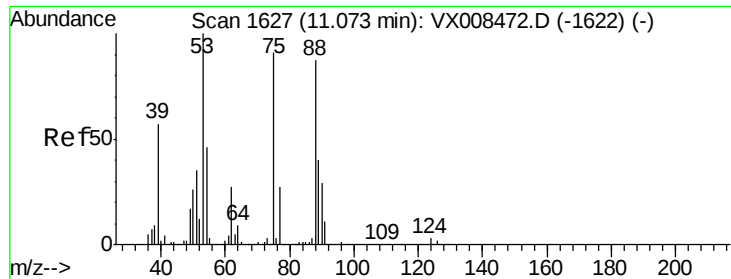
Tgt Ion: 105 Resp: 254641

Ion Ratio Lower Upper

105 100

120 47.1 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 19.245 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 75 Resp: 34609

Ion Ratio Lower Upper

75 100

53 105.8 55.5 166.7

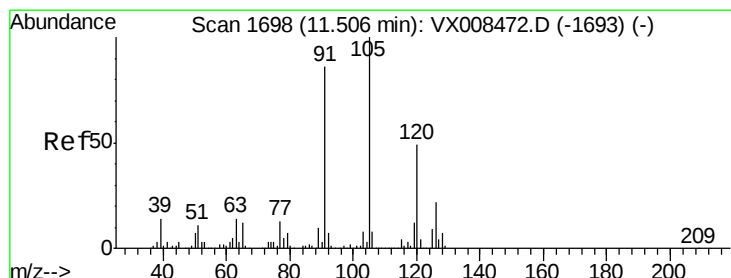
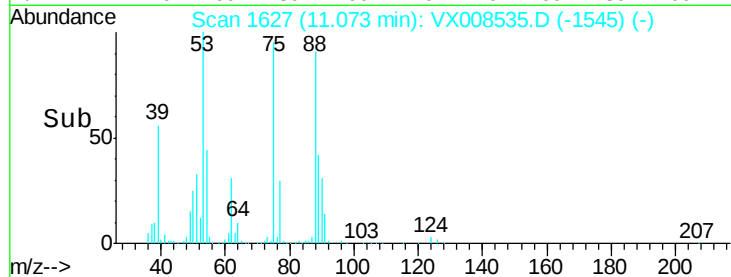
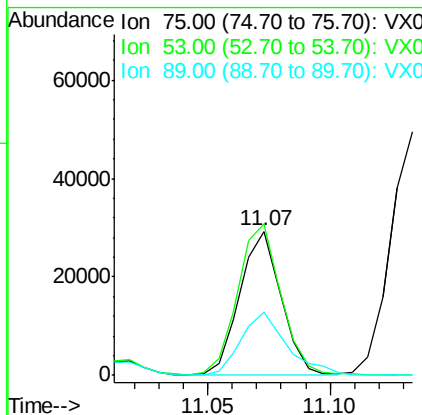
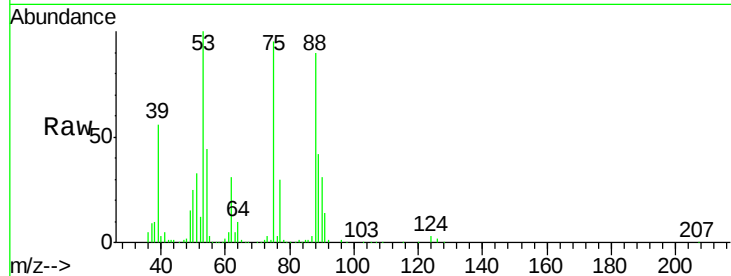
89 44.0 24.4 73.2

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#78

4-Chlorotoluene

Concen: 20.127 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008535.D

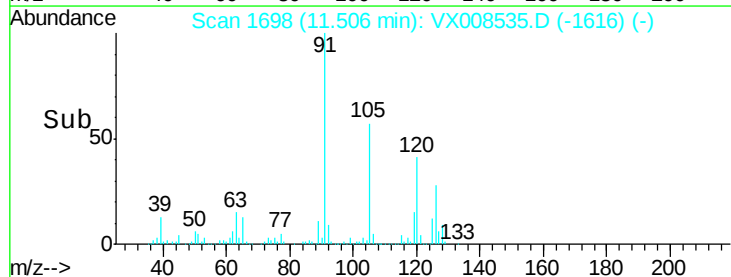
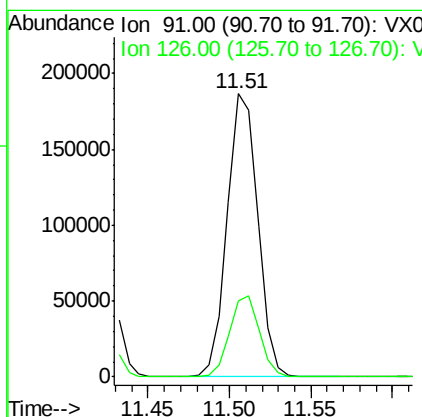
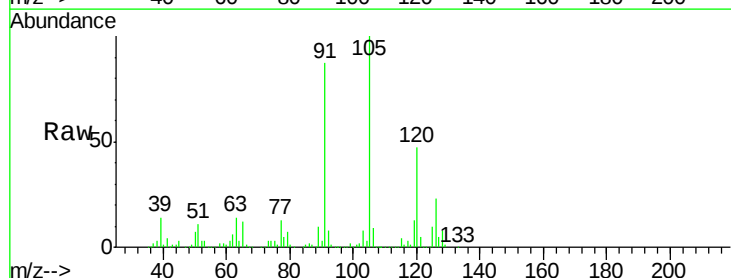
Acq: 29 Mar 2019 09:30

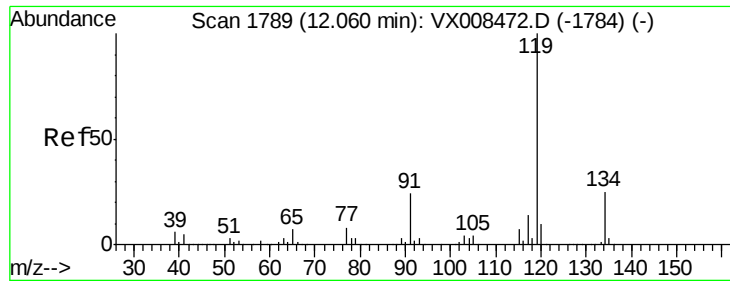
Tgt Ion: 91 Resp: 243760

Ion Ratio Lower Upper

91 100

126 27.9 0.0 66.2





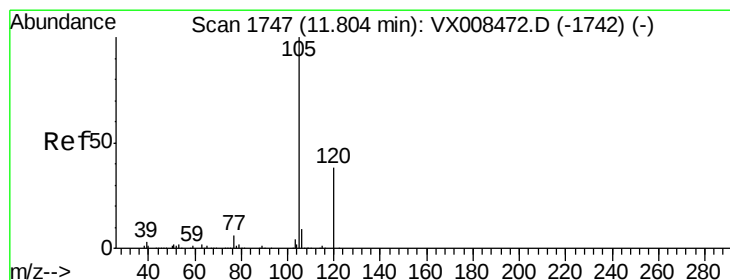
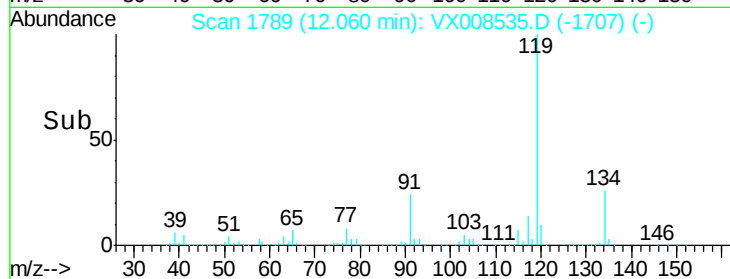
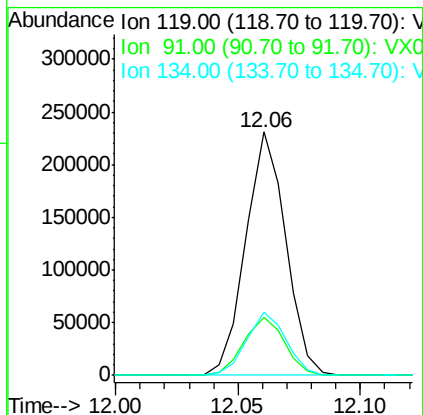
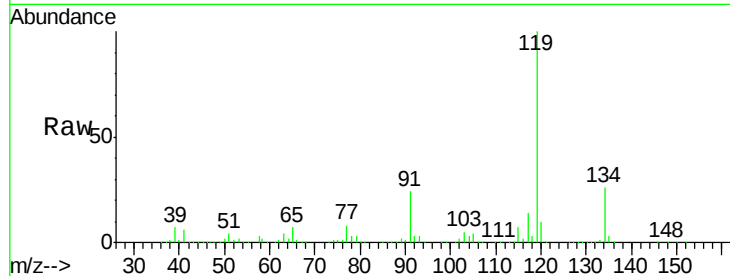
#79
tert-butylbenzene
Concen: 20.282 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
119	100		
91	24.4	0.0	45.0
134	25.7	0.0	55.4

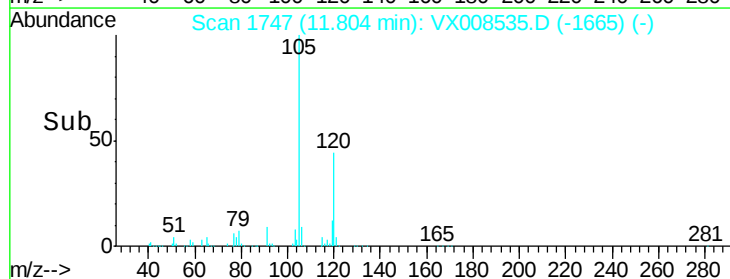
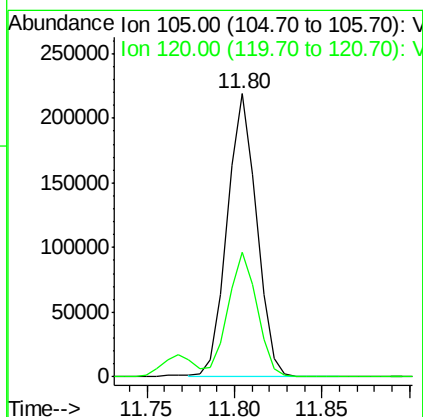
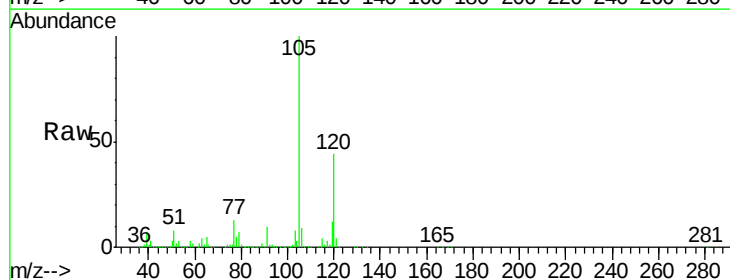
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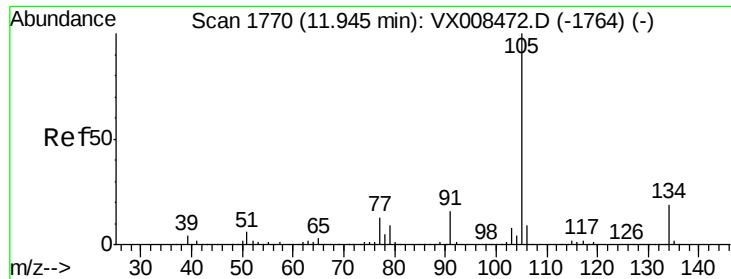
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#80
1,2,4-Trimethylbenzene
Concen: 20.196 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	0.0	94.0





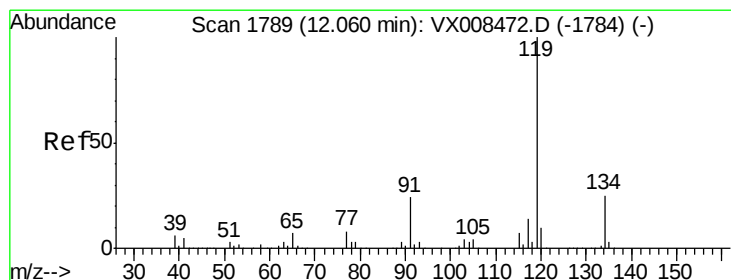
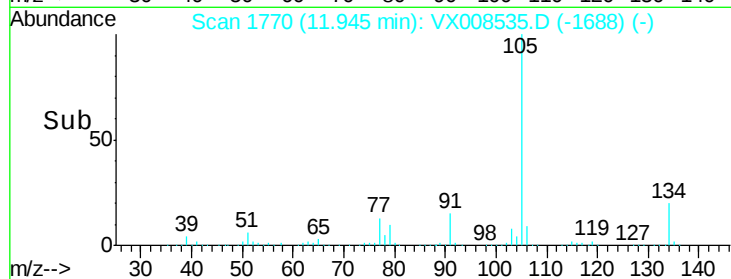
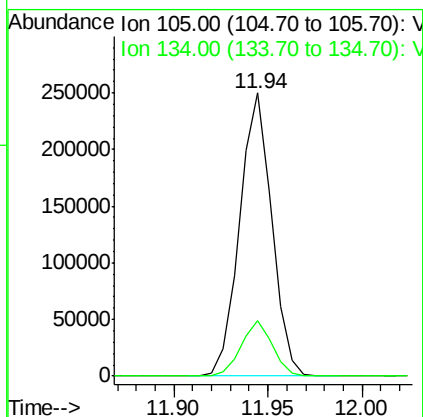
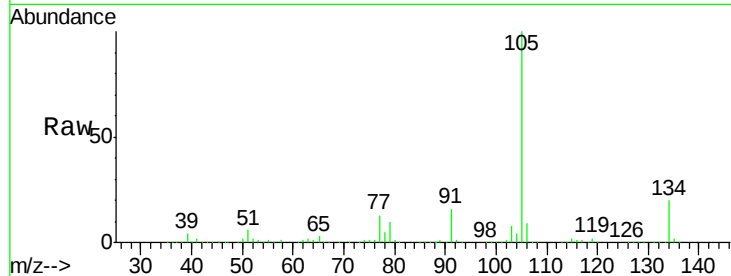
#81
 sec-Butylbenzene
 Concen: 20.358 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	295255		
134	19.2	0.0	41.8	

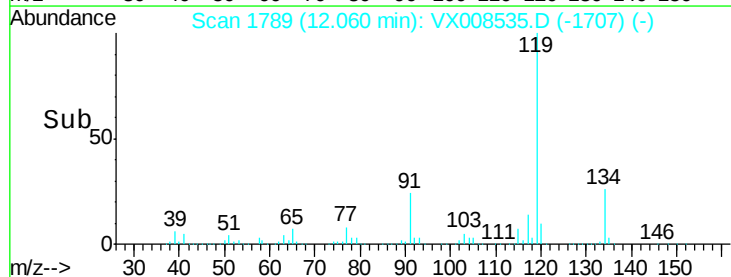
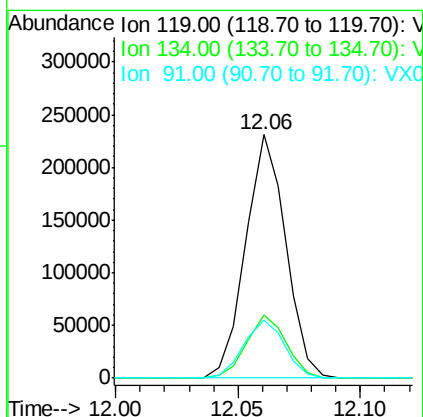
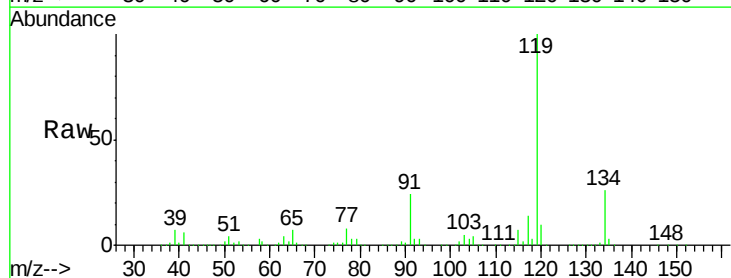
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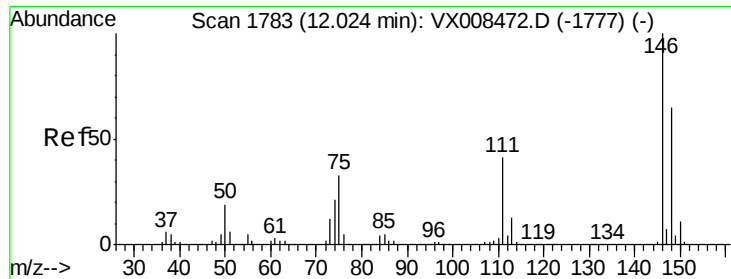
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#82
 p-Isopropyltoluene
 Concen: 20.282 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	263102		
134	25.7	0.0	55.4	
91	24.4	0.0	45.0	





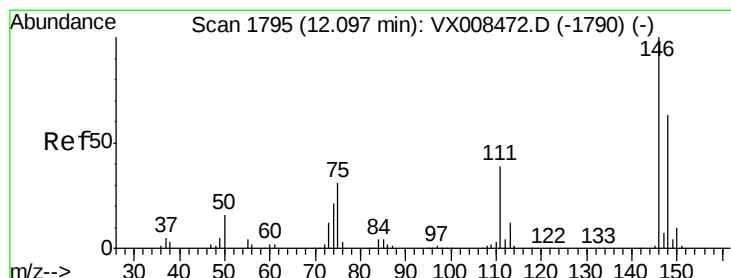
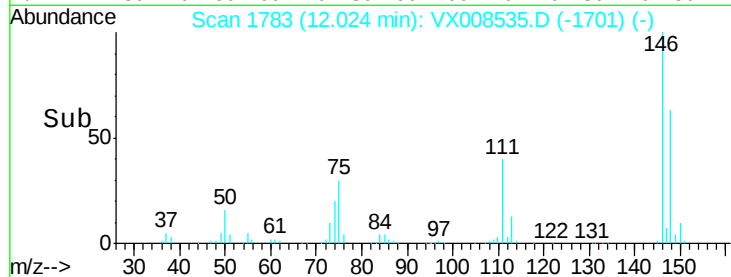
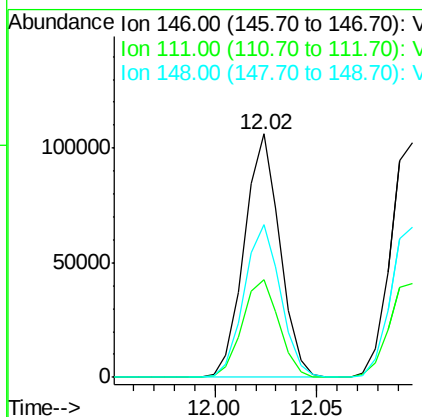
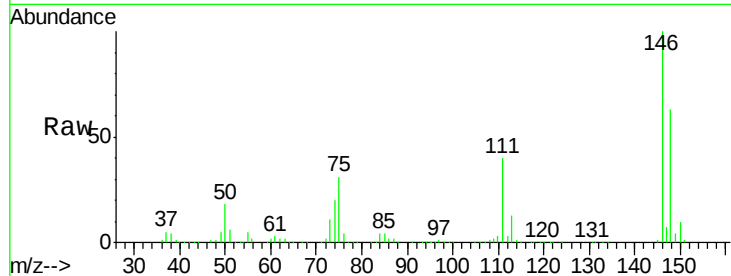
#83
 1,3-Dichlorobenzene
 Concen: 20.480 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	18.8	56.3
148	64.3	30.6	91.8

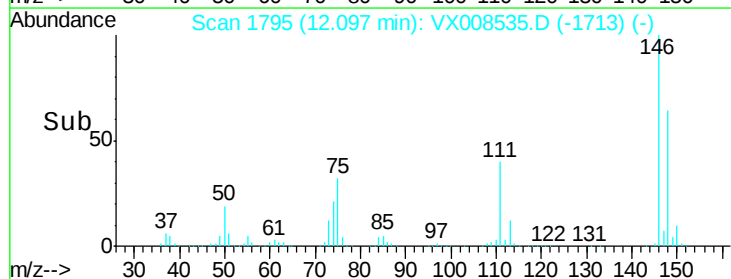
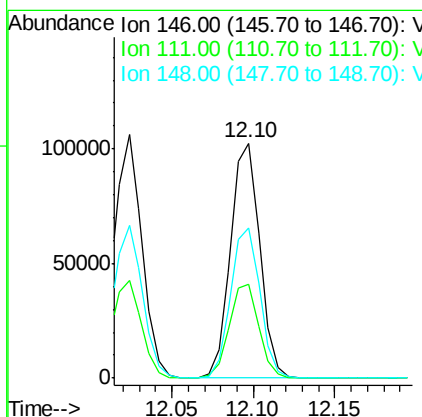
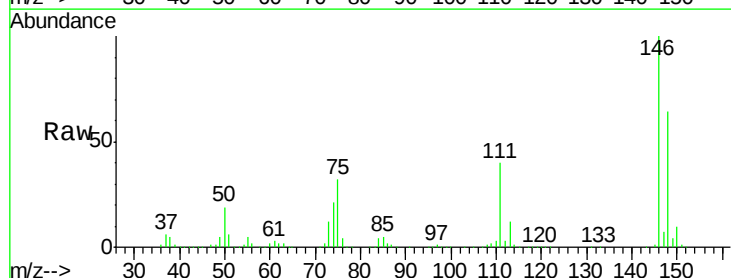
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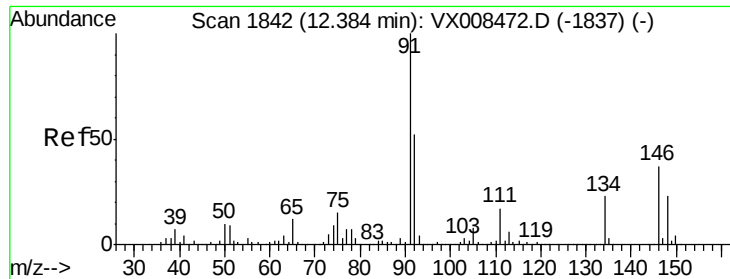
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#84
 1,4-Dichlorobenzene
 Concen: 20.383 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	17.6	52.8
148	64.1	31.4	94.2





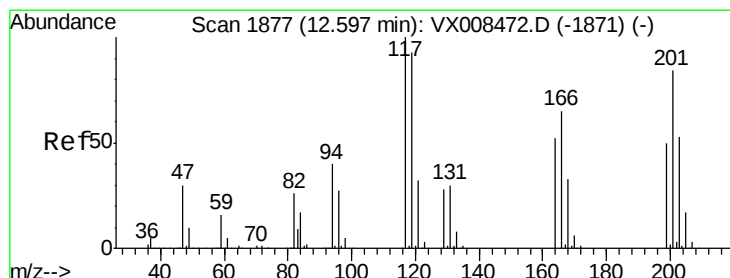
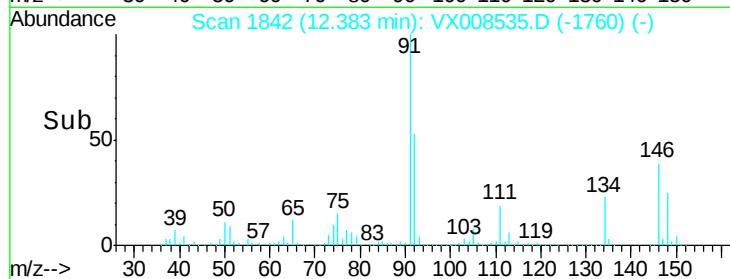
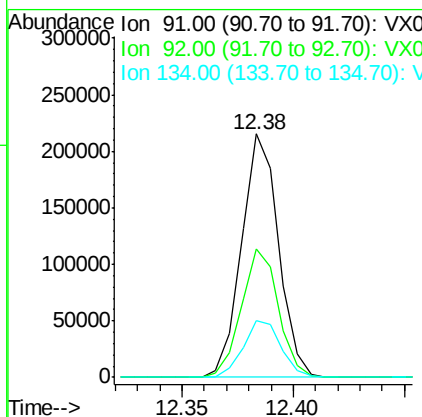
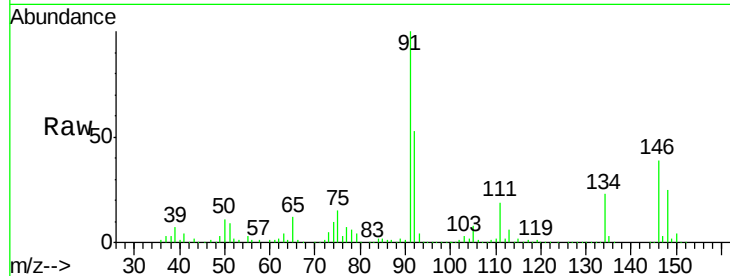
#85
n-Butylbenzene
Concen: 20.254 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		249634		
92	52.9	0.0	105.2		
134	23.6	0.0	56.4		

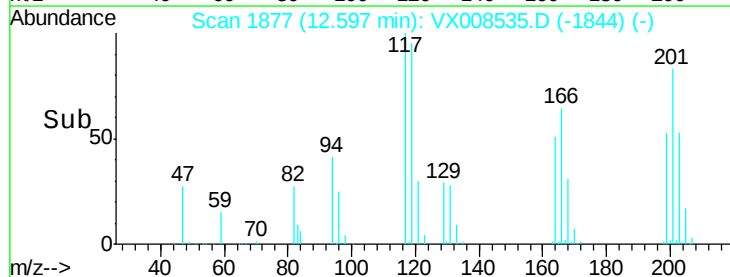
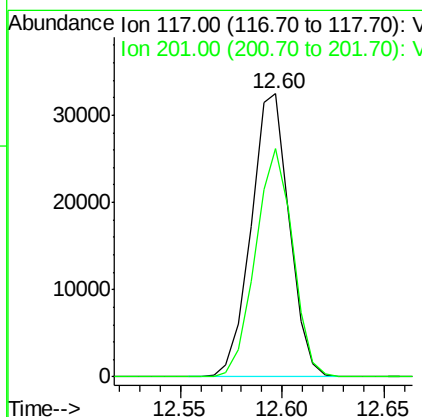
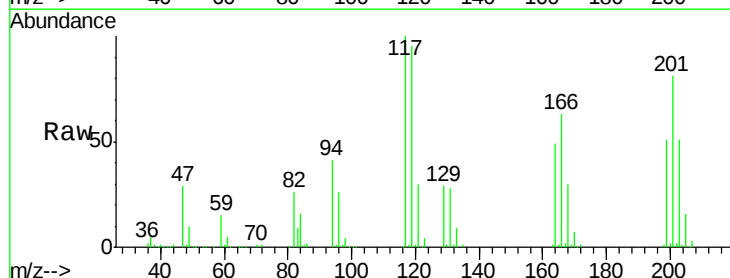
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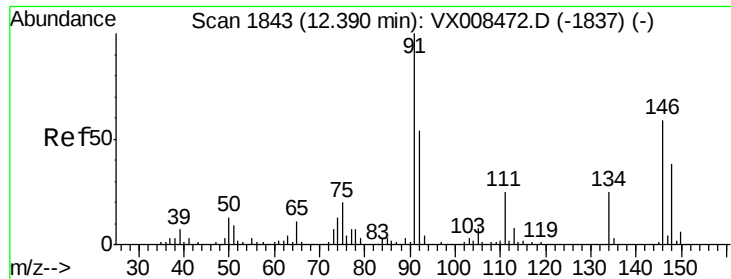
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#86
Hexachloroethane
Concen: 19.518 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008535.D
Acq: 29 Mar 2019 09:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		42303		
201	78.9	41.1	123.3		





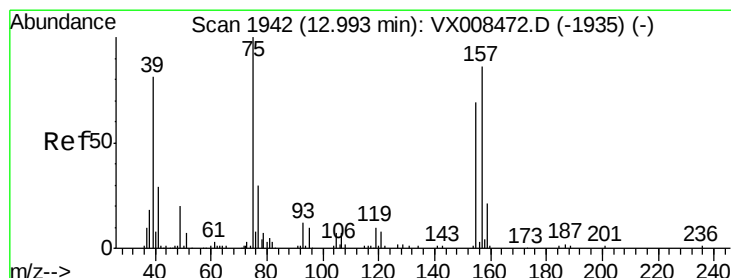
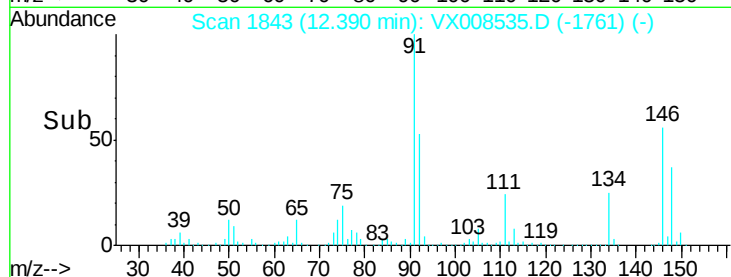
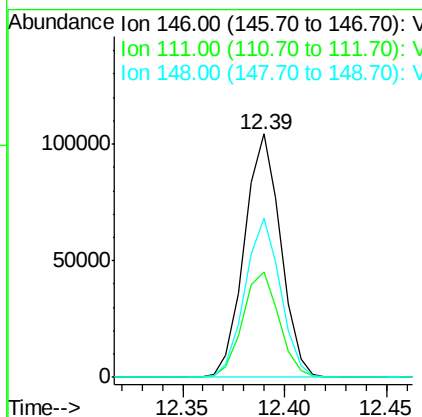
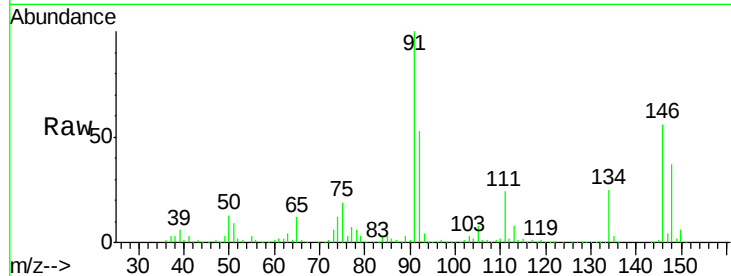
#87
 1,2-Dichlorobenzene
 Concen: 20.424 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	19.3	57.8
148	64.1	32.1	96.3

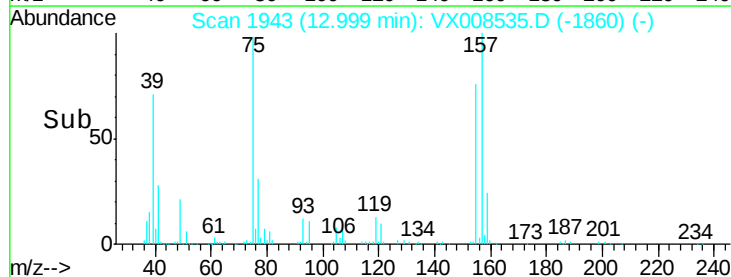
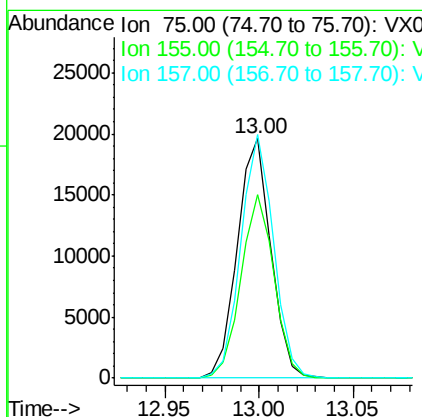
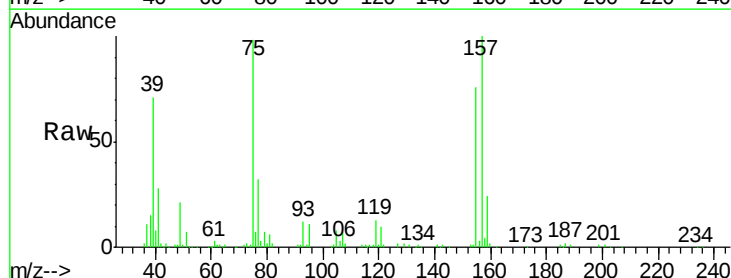
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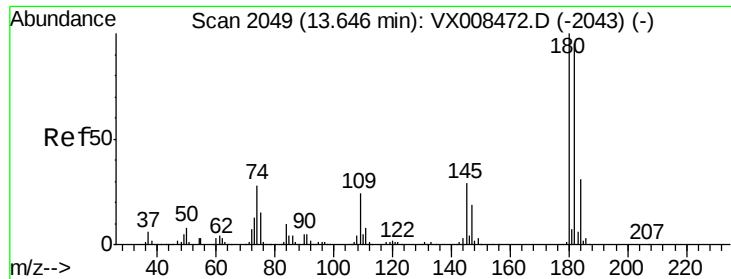
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.715 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.01 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.4	81.0	121.6#
157	98.7	103.2	154.8#





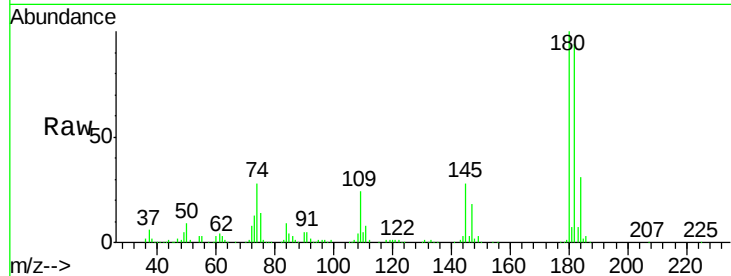
#89
 1,2,4-Trichlorobenzene
 Concen: 20.608 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

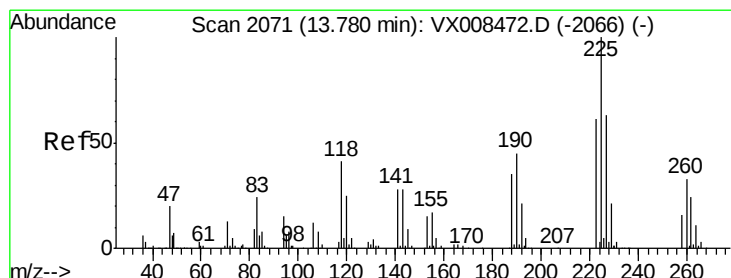
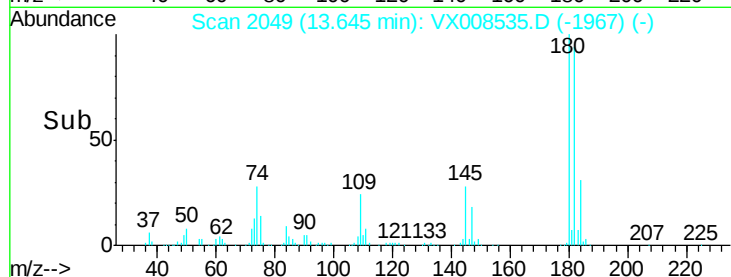
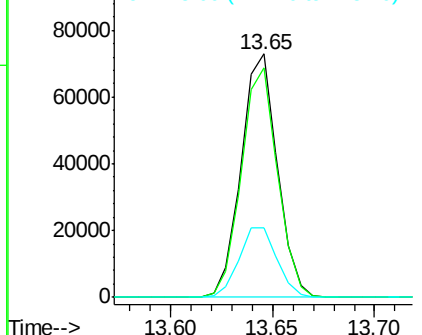
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.6	113.4
145	30.0	23.0	34.6

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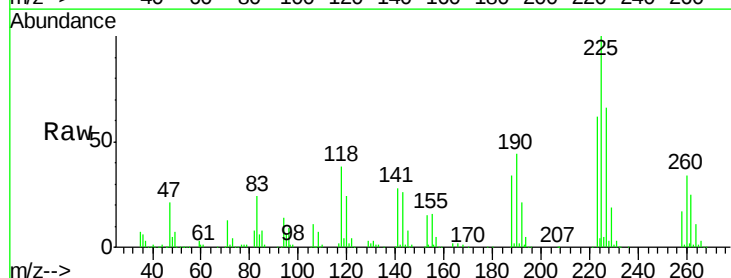


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

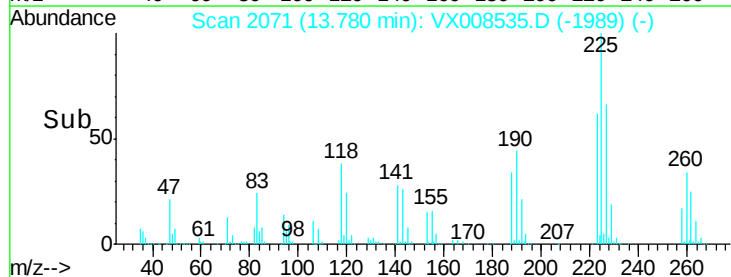
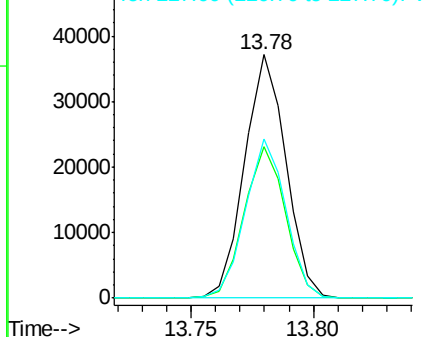


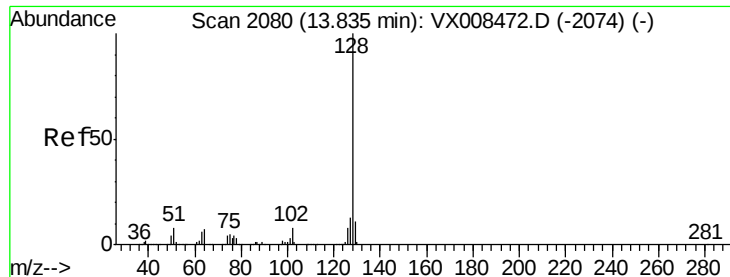
#90
 Hexachlorobutadiene
 Concen: 20.885 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008535.D
 Acq: 29 Mar 2019 09:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	0.0	123.8
227	64.1	0.0	124.4



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 19.867 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

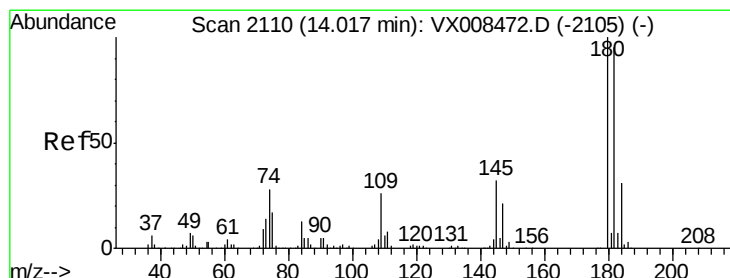
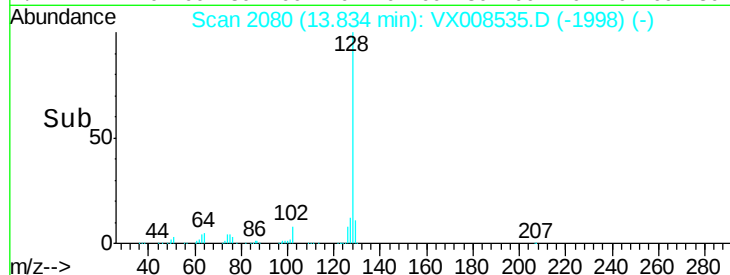
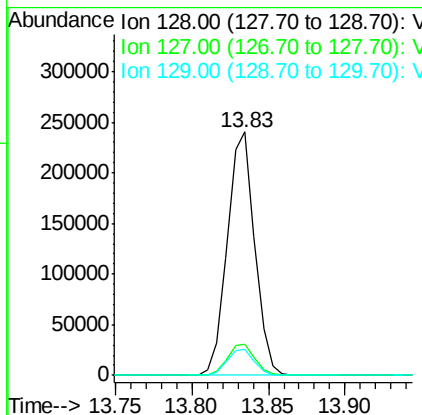
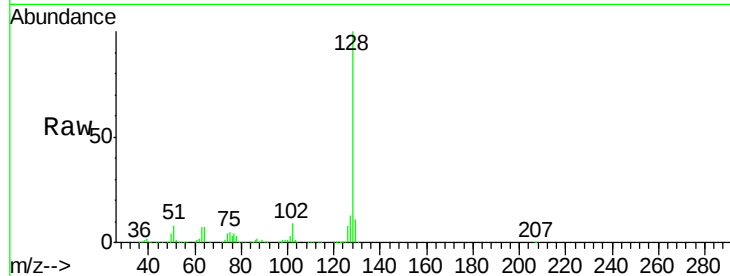
Tot Ion:	128	Resp:	296682
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.8	8.9	13.3

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#92

1,2,3-Trichlorobenzene

Concen: 20.134 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008535.D

Acq: 29 Mar 2019 09:30

Tgt Ion:	180	Resp:	88398
Ion Ratio	Lower	Upper	
180	100		
182	95.0	0.0	193.0
145	32.1	0.0	63.0

