

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072919\
 Data File : VX011134.D
 Acq On : 29 Jul 2019 10:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/30/2019 11:08:53 AM

Quant Time: Jul 30 05:27:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	197385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281064	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146261	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107112	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
35) Dibromofluoromethane	5.49	113	97089	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
50) Toluene-d8	8.71	98	364673	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
62) 4-Bromofluorobenzene	11.13	95	141587	57.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	100735	47.884	ug/l	99
3) Chloromethane	1.32	50	85185	46.930	ug/l	99
4) Vinyl Chloride	1.41	62	92801	50.124	ug/l	98
5) Bromomethane	1.64	94	49298	47.251	ug/l	100
6) Chloroethane	1.71	64	57936	49.241	ug/l	99
7) Trichlorofluoromethane	1.92	101	169388	54.048	ug/l	98
8) Diethyl Ether	2.19	74	55137	51.061	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	96789	54.089	ug/l	98
10) Methyl Iodide	2.51	142	116362	49.552	ug/l	99
11) Tert butyl alcohol	3.05	59	107494	219.805	ug/l	99
12) 1,1-Dichloroethene	2.37	96	89700	51.019	ug/l	98
13) Acrolein	2.29	56	57499	203.500	ug/l	99
14) Allyl chloride	2.73	41	130372	51.050	ug/l	98
15) Acrylonitrile	3.14	53	247130	250.081	ug/l	99
16) Acetone	2.45	43	255694	269.604	ug/l	99
17) Carbon Disulfide	2.56	76	202618	44.927	ug/l	100
18) Methyl Acetate	2.77	43	116920	54.141	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	299436	52.905	ug/l	100
20) Methylene Chloride	2.85	84	99117	49.315	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	92697	49.690	ug/l	98
22) Diisopropyl ether	3.85	45	282623	52.472	ug/l	91
23) Vinyl Acetate	3.81	43	1209246	264.975	ug/l	100
24) 1,1-Dichloroethane	3.69	63	161844	51.740	ug/l	99
25) 2-Butanone	4.67	43	356360	261.755	ug/l	100
26) 2,2-Dichloropropane	4.58	77	143436	55.847	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	110211	51.047	ug/l	99
28) Bromochloromethane	5.01	49	74577	50.594	ug/l	98
29) Tetrahydrofuran	5.12	42	212890	246.863	ug/l	99
30) Chloroform	5.21	83	179330	53.040	ug/l	98
31) Cyclohexane	5.57	56	141974	49.795	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	158787	54.284	ug/l	100
36) 1,1-Dichloropropene	5.79	75	126144	54.639	ug/l	99
37) Ethyl Acetate	4.83	43	124079	52.486	ug/l	99
38) Carbon Tetrachloride	5.77	117	140240	58.294	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161751	54.027	ug/l	98
40) Benzene	6.14	78	380815	53.848	ug/l	96
41) Methacrylonitrile	5.04	41	70535	52.559	ug/l	98
42) 1,2-Dichloroethane	6.19	62	136488	55.508	ug/l	99
43) Isopropyl Acetate	6.44	43	211682	54.457	ug/l	98
44) Trichloroethene	7.21	130	112645	53.811	ug/l	94
45) 1,2-Dichloropropane	7.51	63	96919	53.845	ug/l	99
46) Dibromomethane	7.66	93	70837	55.075	ug/l	100
47) Bromodichloromethane	7.90	83	134811	58.882	ug/l	100
48) Methyl methacrylate	7.77	41	103015	54.400	ug/l	97
49) 1,4-Dioxane	7.73	88	51900	979.809	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	698065	277.030	ug/l	100
52) Toluene	8.78	92	252282	54.303	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	150361	61.077	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	160996	58.772	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	106093	55.462	ug/l	97
56) Ethyl methacrylate	9.18	69	160558	57.381	ug/l	98
57) 1,3-Dichloropropane	9.37	76	165348	54.489	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.30	63	380013	284.504	ug/l	100
59) 2-Hexanone	9.49	43	547112	279.937	ug/l	100
60) Dibromochloromethane	9.58	129	120971	54.699	ug/l	100
61) 1,2-Dibromoethane	9.67	107	114443	56.374	ug/l	100
64) Tetrachloroethene	9.34	164	114005	55.169	ug/l	96
65) Chlorobenzene	10.13	112	291867	54.097	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	109696	57.851	ug/l	99
67) Ethyl Benzene	10.25	91	505376	55.032	ug/l	100
68) m/p-Xylenes	10.35	106	390244	110.781	ug/l	99
69) o-Xylene	10.69	106	189200	55.033	ug/l	98
70) Styrene	10.71	104	329133	57.430	ug/l	99
71) Bromoform	10.85	173	93184	53.770	ug/l	100
73) Isopropylbenzene	11.02	105	525628	53.186	ug/l	100
74) N-amyl acetate	10.90	43	195877	51.872	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	167024	51.643	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	142315m	53.920	ug/l	
77) Bromobenzene	11.25	156	142016	52.096	ug/l	100
78) n-propylbenzene	11.36	91	596488	54.625	ug/l	100
79) 2-Chlorotoluene	11.42	91	351377	53.566	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	449276	54.404	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52482	50.348	ug/l	99
82) 4-Chlorotoluene	11.51	91	411067	53.841	ug/l	100
83) tert-Butylbenzene	11.77	119	446585	55.056	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	456502	54.846	ug/l	100
85) sec-Butylbenzene	11.94	105	532883	56.066	ug/l	100
86) p-Isopropyltoluene	12.06	119	501005	57.017	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	258282	54.596	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	258423	53.262	ug/l	98
89) n-Butylbenzene	12.38	91	440175	58.554	ug/l	100
90) Hexachloroethane	12.59	117	80515	58.094	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	250906	53.514	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37167	54.977	ug/l	96

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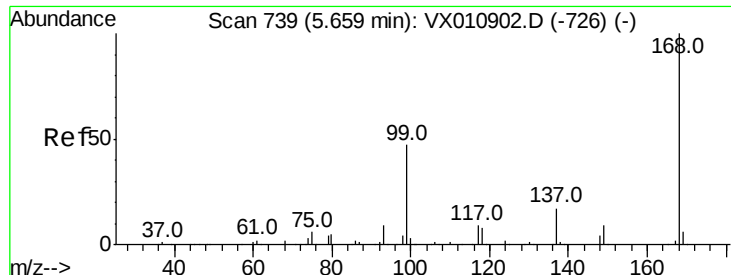
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	181356	57.075	ug/l	98
94) Hexachlorobutadiene	13.78	225	91856	58.336	ug/l	99
95) Naphthalene	13.83	128	542010	57.765	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	182726	57.796	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 197385

Ion Ratio Lower Upper

168 100

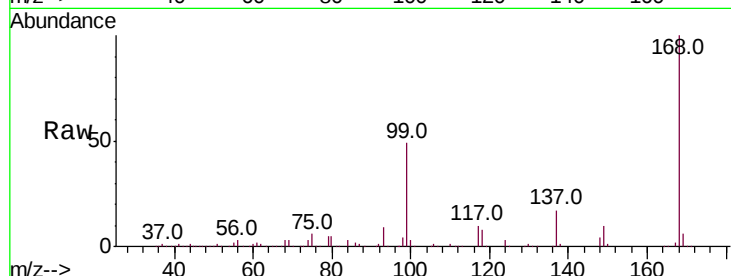
99 48.7 37.6 56.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

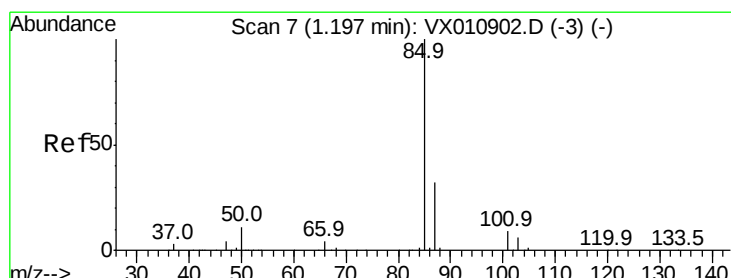
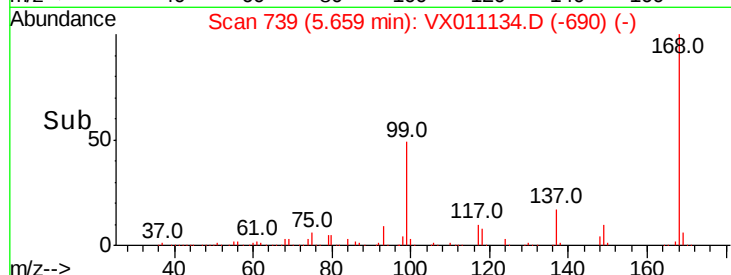
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.884 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011134.D

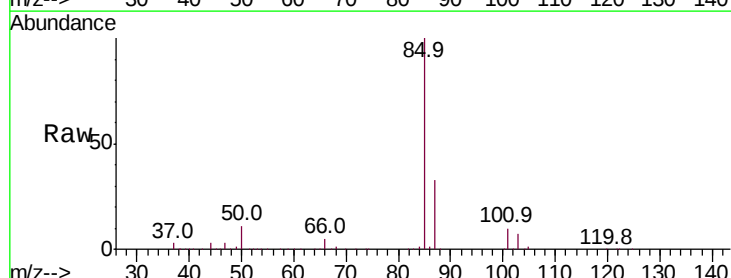
Acq: 29 Jul 2019 10:19

Tgt Ion: 85 Resp: 100735

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

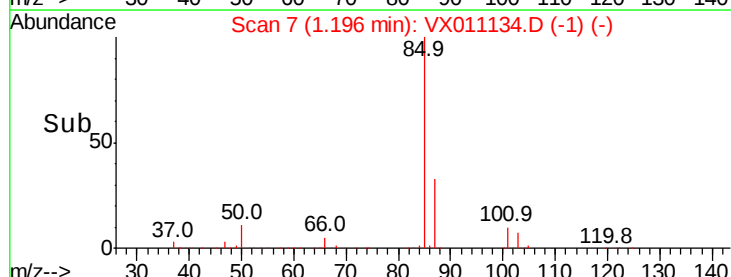
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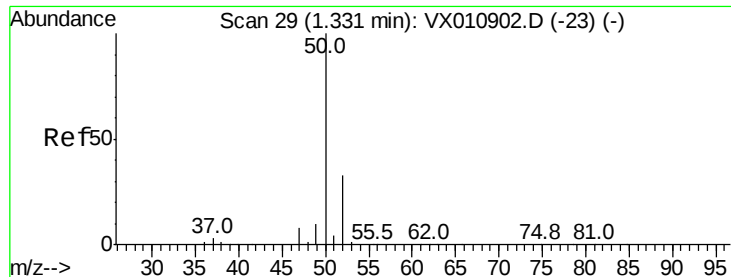
20000

0

1.20 1.30

Time-->





#3

Chloromethane

Concen: 46.930 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 85185

Ion Ratio Lower Upper

50 100

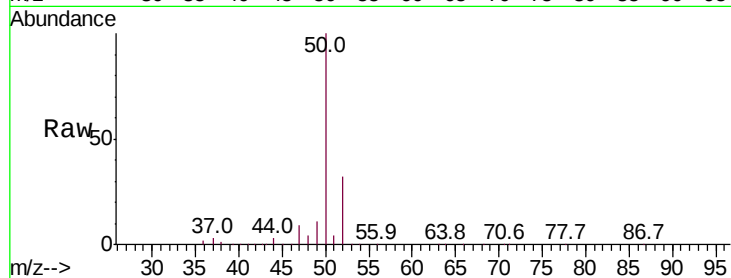
52 32.2 26.4 39.6

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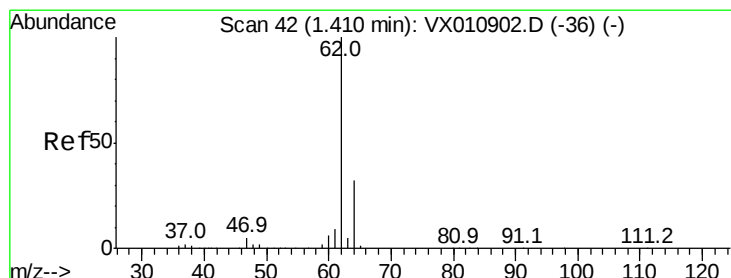
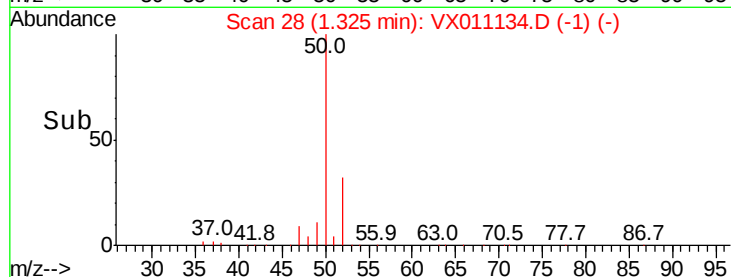
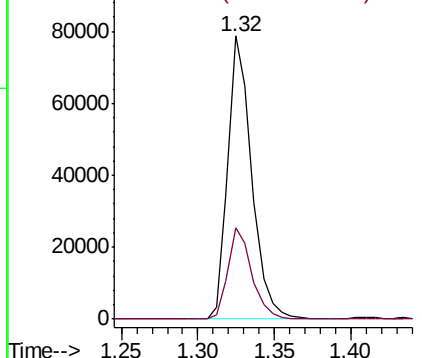
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.124 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011134.D

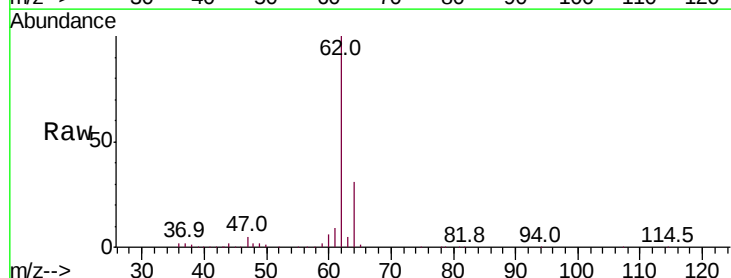
Acq: 29 Jul 2019 10:19

Tgt Ion: 62 Resp: 92801

Ion Ratio Lower Upper

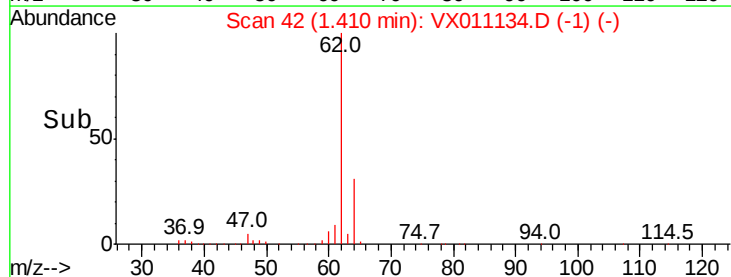
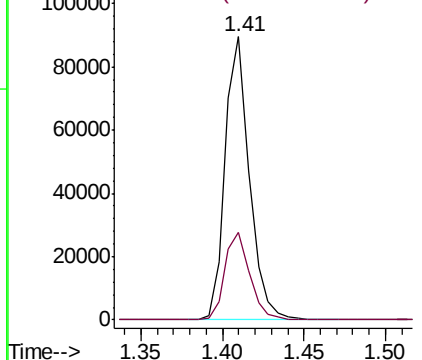
62 100

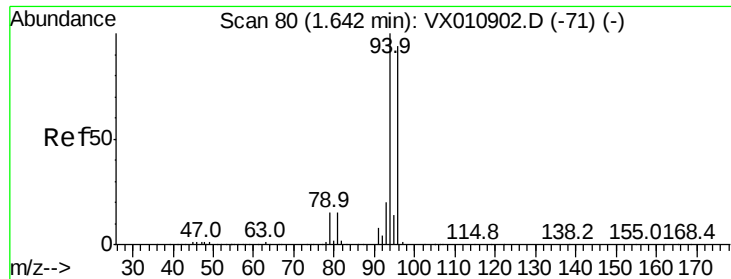
64 30.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.251 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 49298

Ion Ratio Lower Upper

94 100

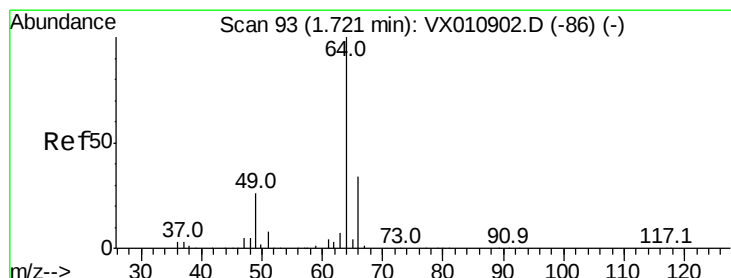
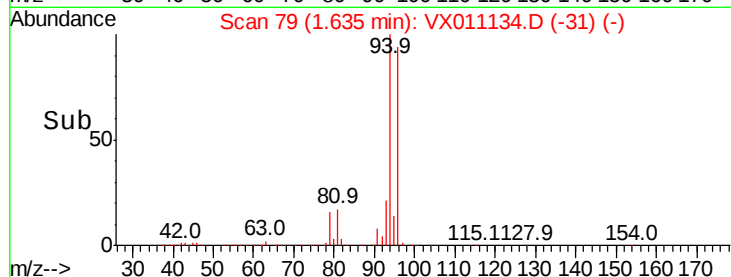
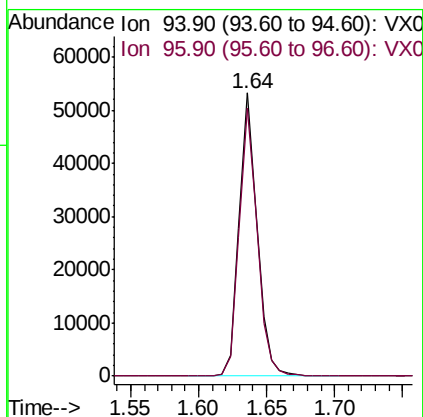
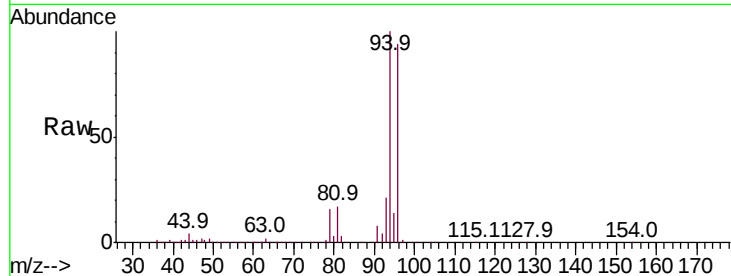
96 94.6 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 49.241 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011134.D

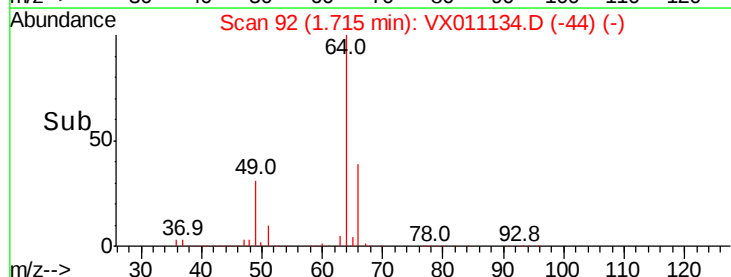
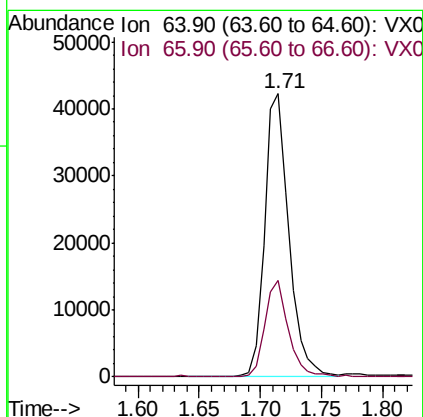
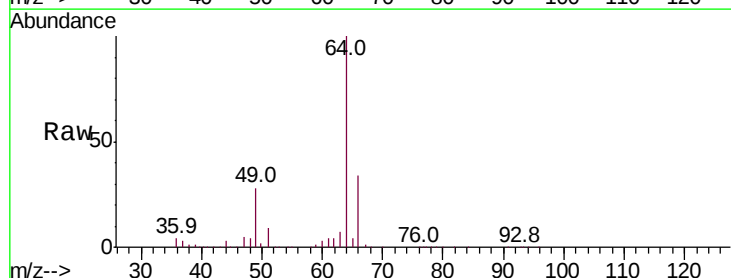
Acq: 29 Jul 2019 10:19

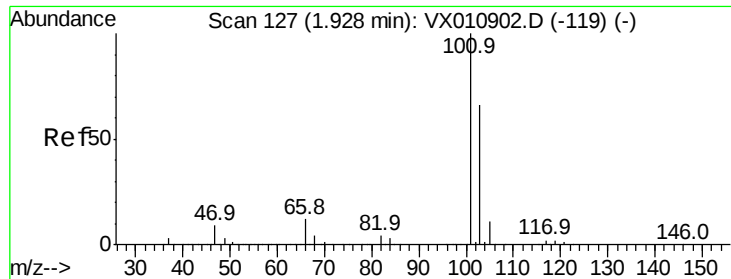
Tgt Ion: 64 Resp: 57936

Ion Ratio Lower Upper

64 100

66 34.2 27.0 40.6





#7

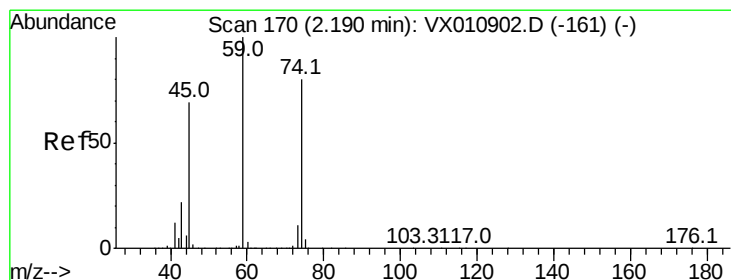
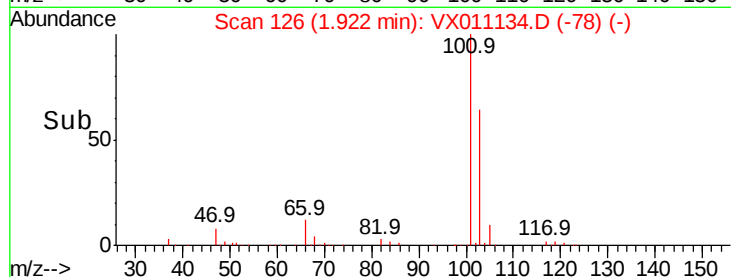
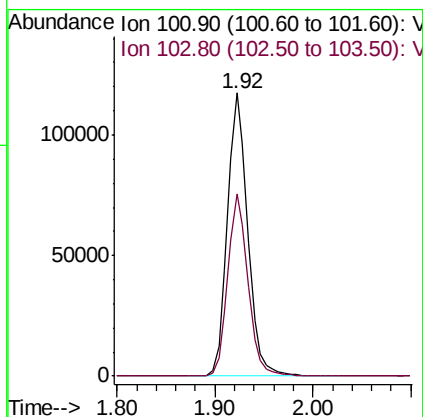
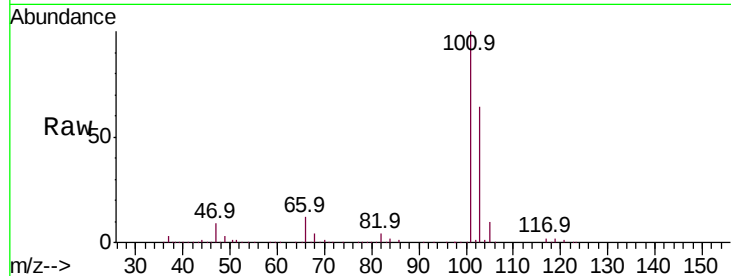
Trichlorofluoromethane
Concen: 54.048 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 169388
Ion Ratio Lower Upper
101 100
103 64.4 52.6 78.8

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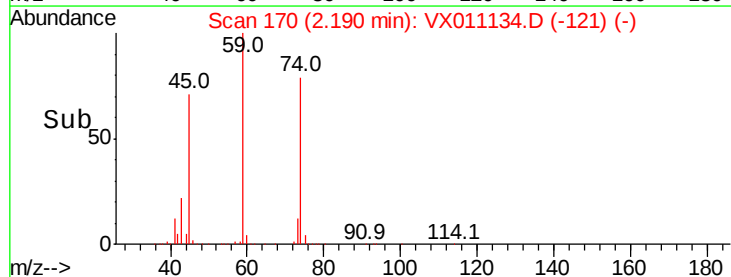
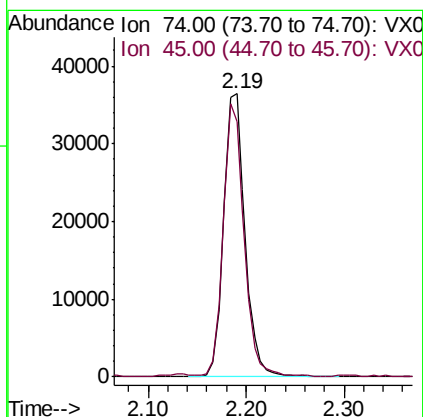
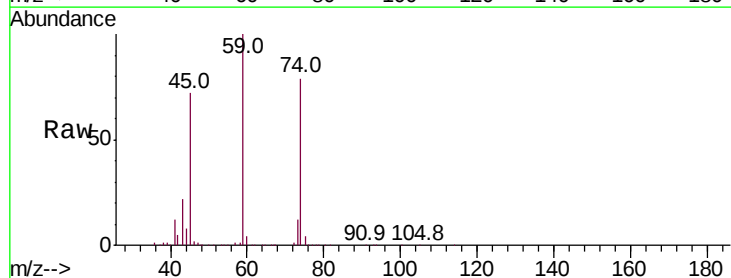
MMDadoda
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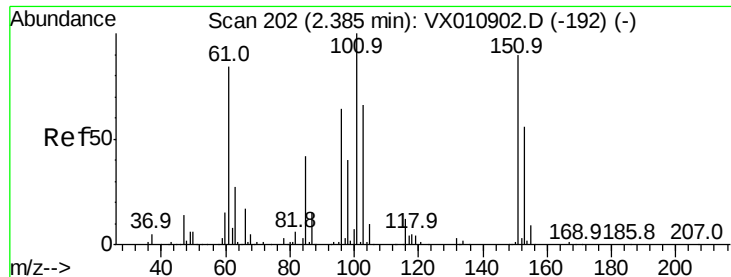


#8

Diethyl Ether
Concen: 51.061 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion: 74 Resp: 55137
Ion Ratio Lower Upper
74 100
45 92.5 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.089 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

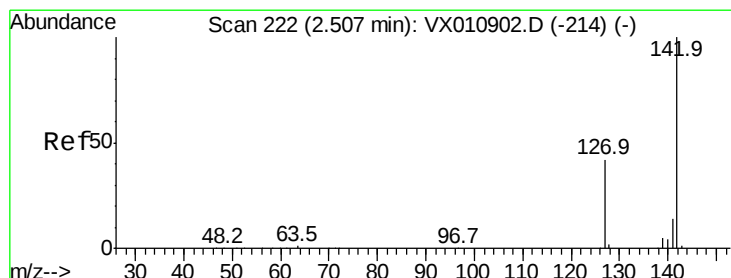
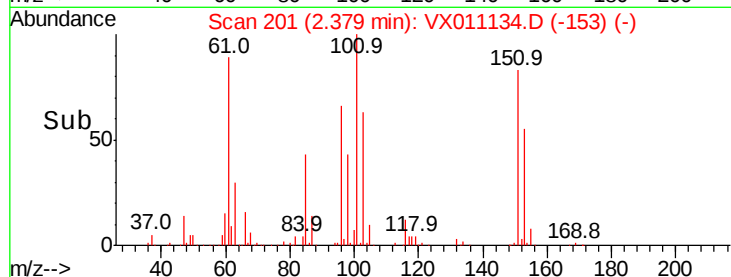
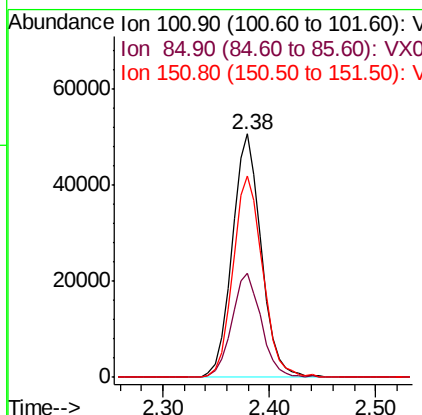
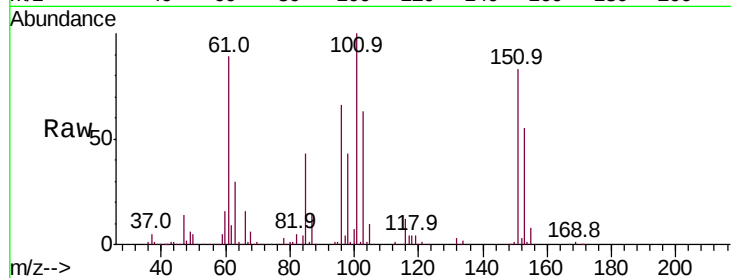
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	96789
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.6	52.0
151	84.9	69.6	104.4

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#10

Methyl Iodide

Concen: 49.552 ug/l

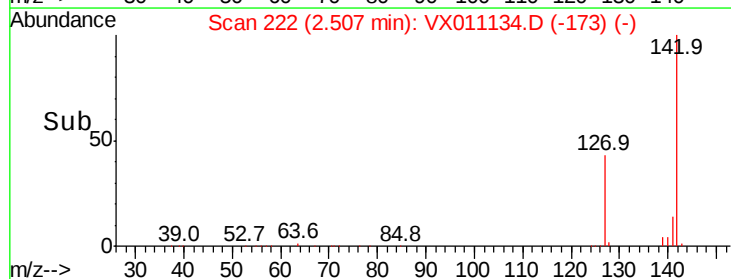
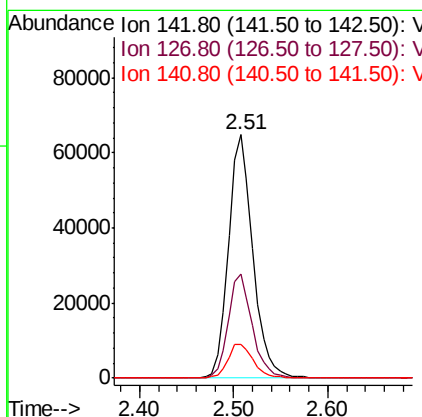
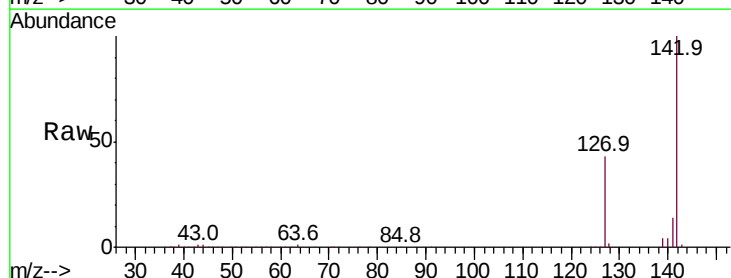
RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Tgt Ion:	142	Resp:	116362
Ion Ratio	Lower	Upper	
142	100		
127	42.3	34.2	51.4
141	14.4	11.7	17.5





#11

Tert butyl alcohol

Concen: 219.805 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

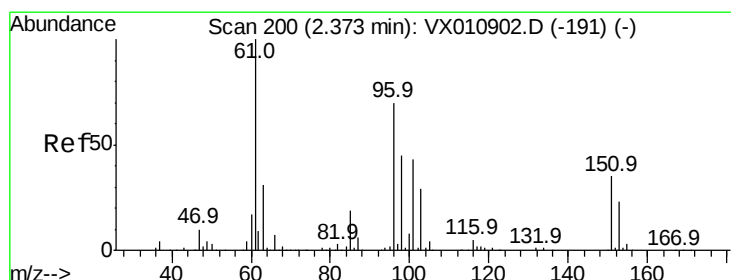
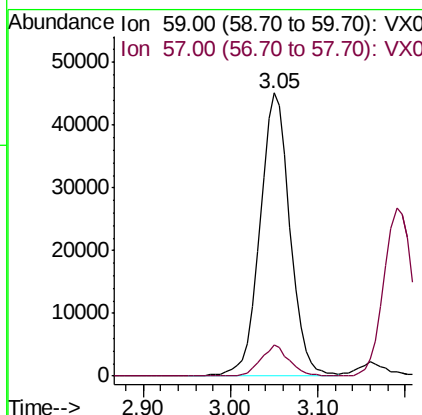
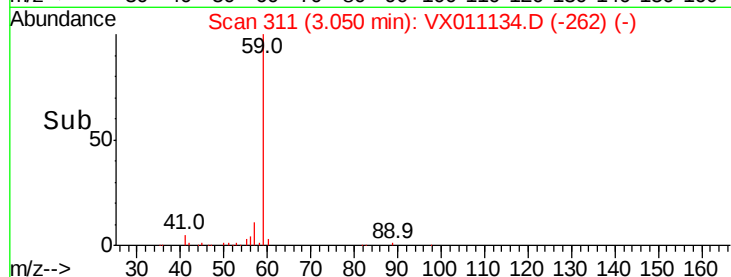
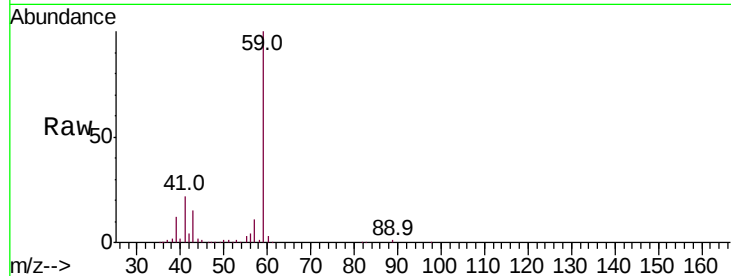
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 107494

Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.9	11.9

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#12

1,1-Dichloroethene

Concen: 51.019 ug/l

RT: 2.37 min Scan# 199

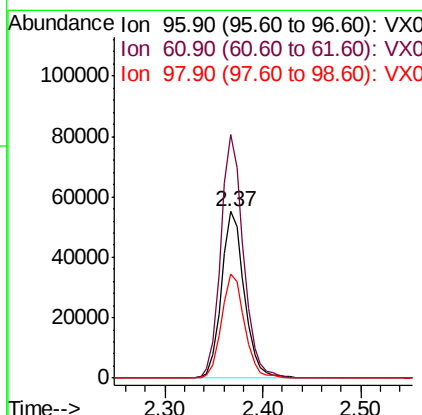
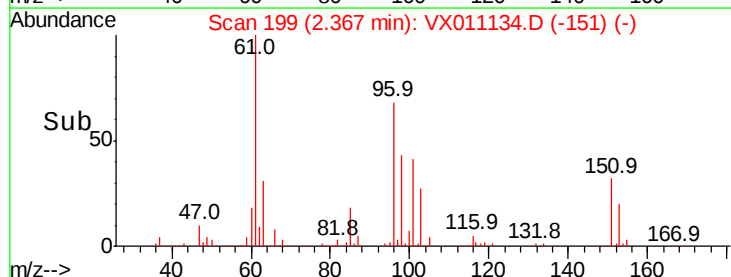
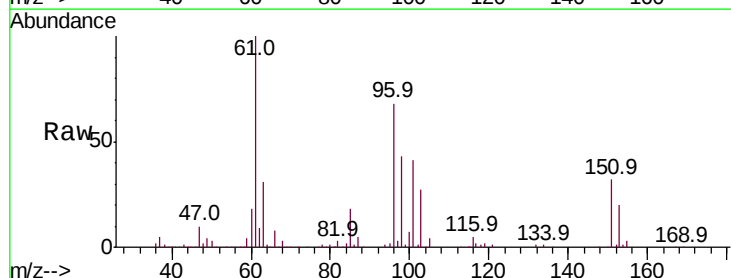
Delta R.T. -0.01 min

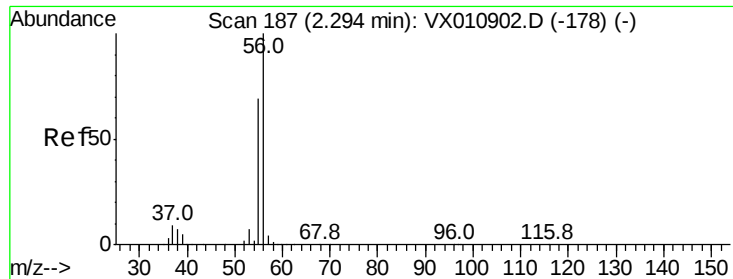
Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Tgt Ion: 96 Resp: 89700

Ion	Ratio	Lower	Upper
96	100		
61	146.2	115.0	172.4
98	62.6	52.2	78.2





#13

Acrolein

Concen: 203.500 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 57499

Ion Ratio Lower Upper

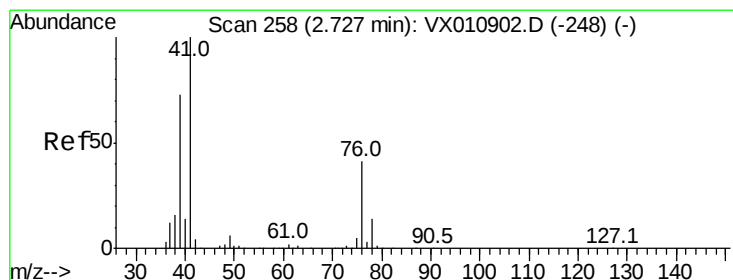
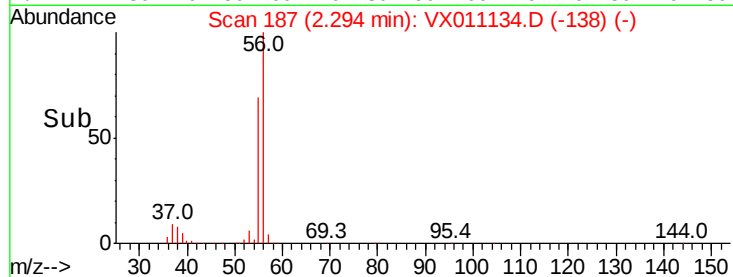
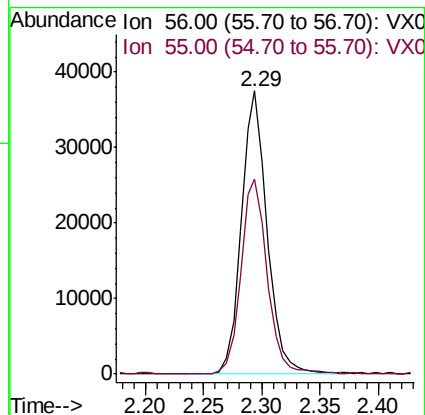
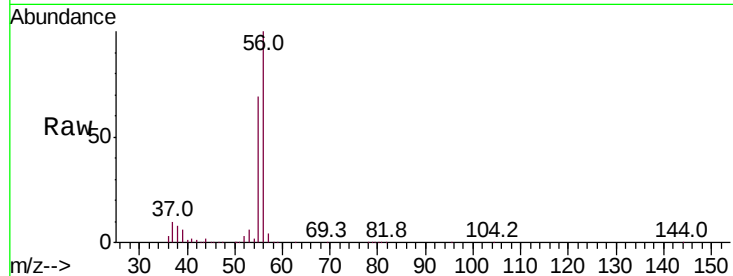
56 100

55 69.5 55.9 83.9

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#14

Allyl chloride

Concen: 51.050 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

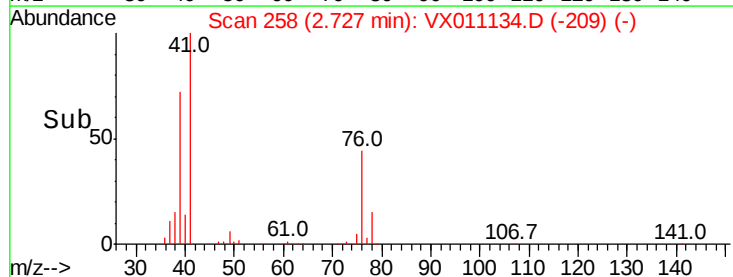
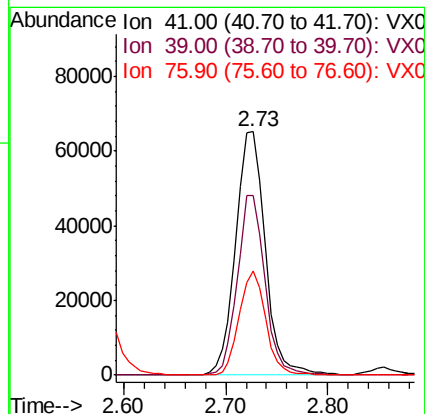
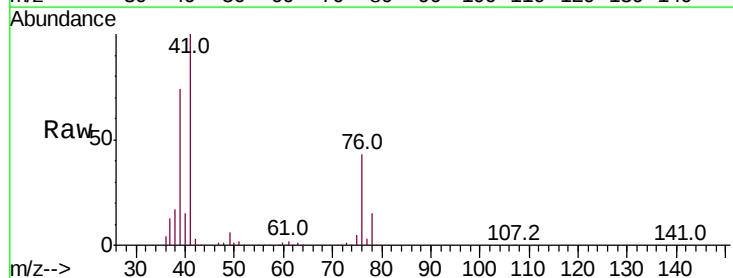
Tgt Ion: 41 Resp: 130372

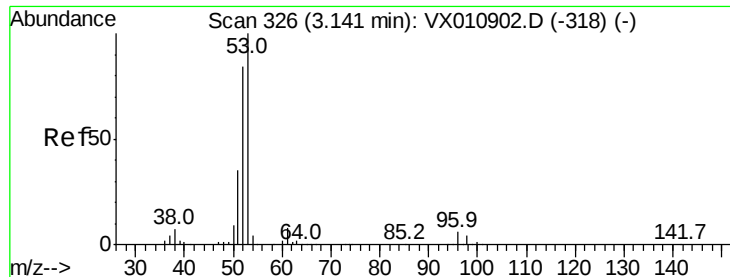
Ion Ratio Lower Upper

41 100

39 68.6 53.6 80.4

76 38.5 29.7 44.5





#15

Acrylonitrile

Concen: 250.081 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

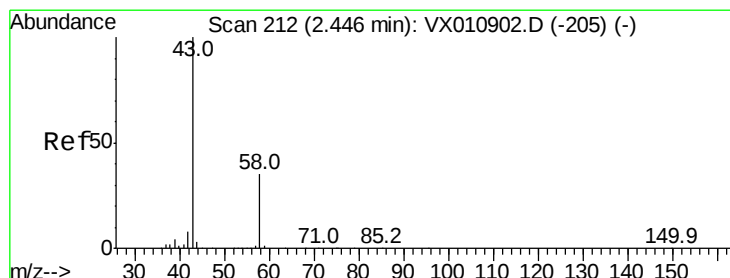
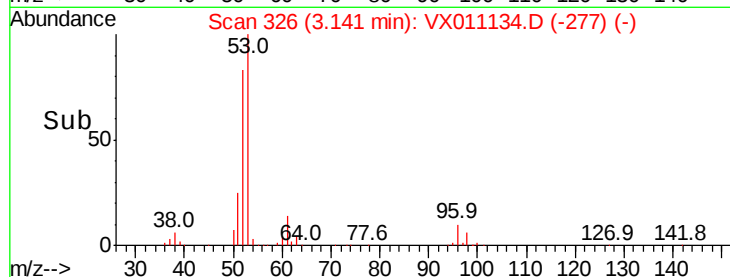
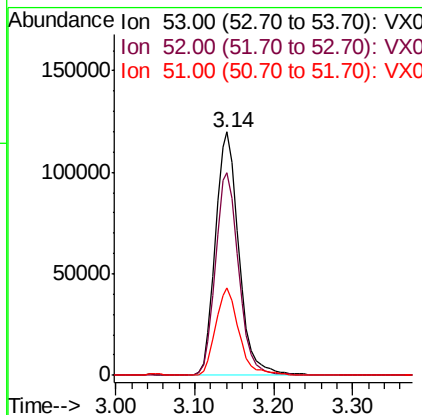
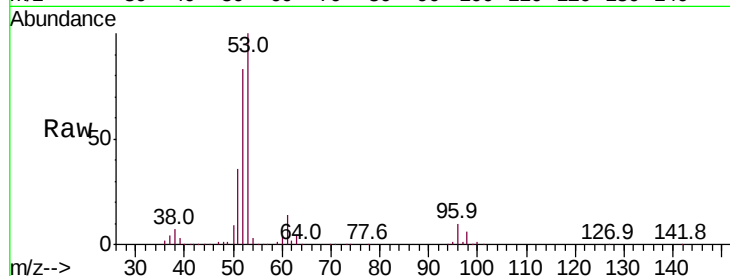
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	247130
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.5	99.7
51	36.2	28.2	42.4

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#16

Acetone

Concen: 269.604 ug/l

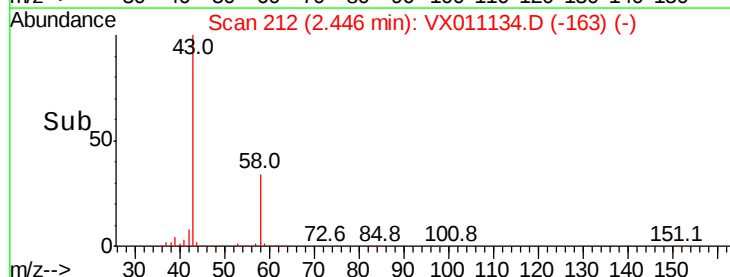
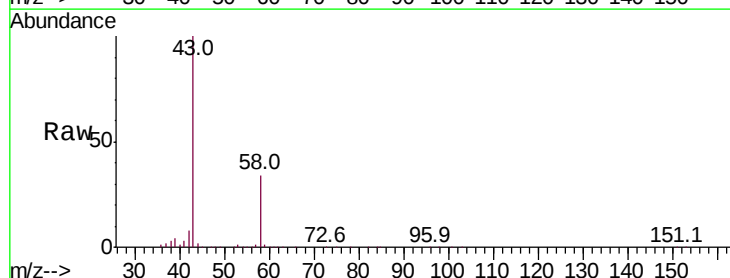
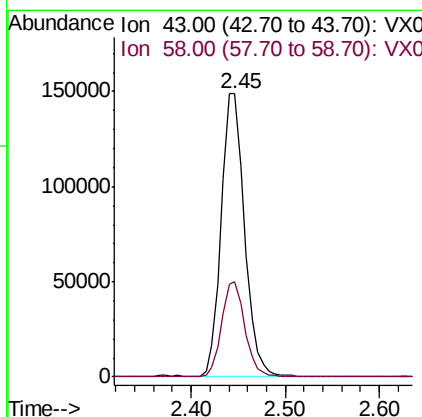
RT: 2.45 min Scan# 212

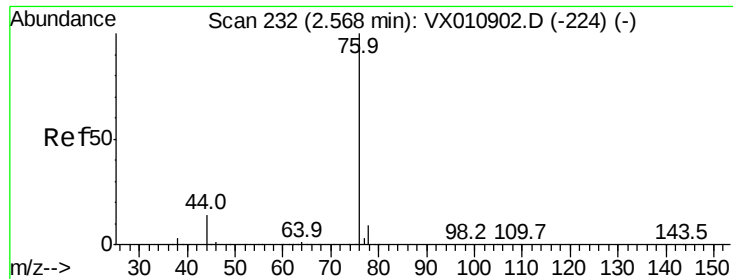
Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Tgt Ion:	43	Resp:	255694
Ion Ratio	Lower	Upper	
43	100		
58	33.8	27.7	41.5





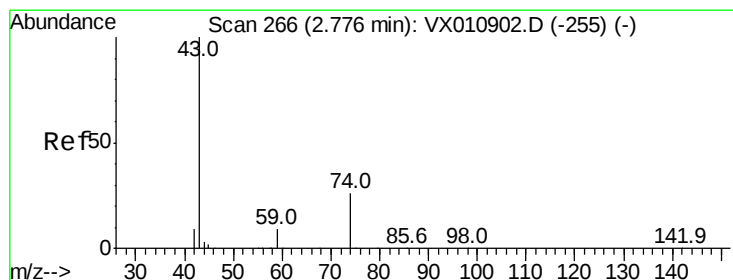
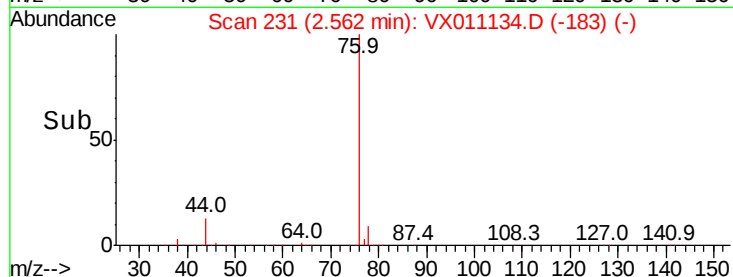
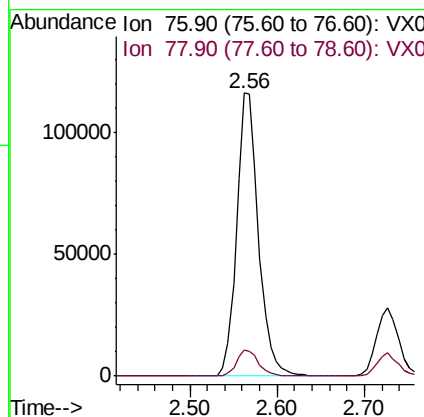
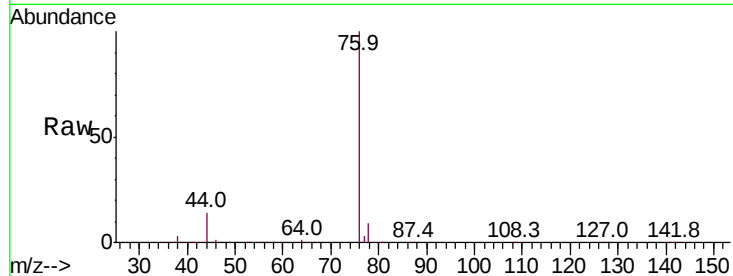
#17
Carbon Disulfide
Concen: 44.927 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

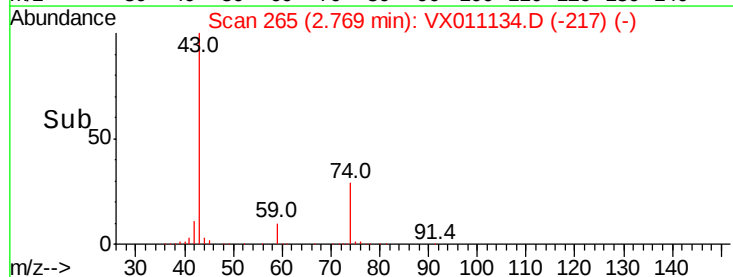
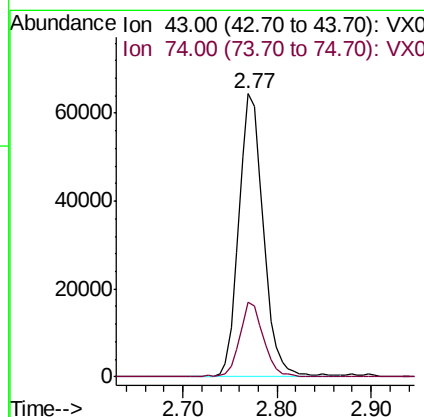
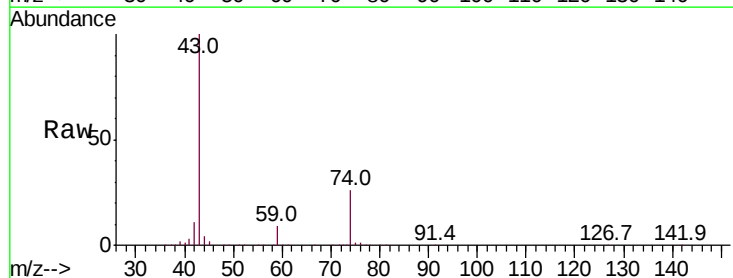
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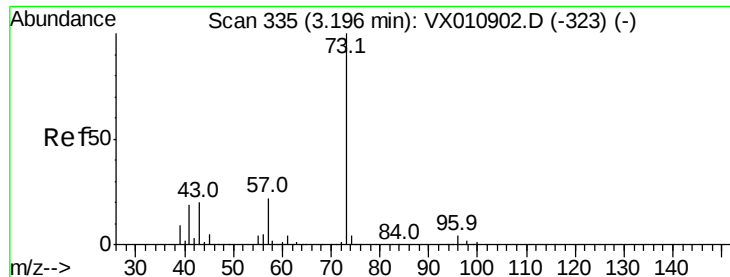
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#18
Methyl Acetate
Concen: 54.141 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	21.5	32.3





#19

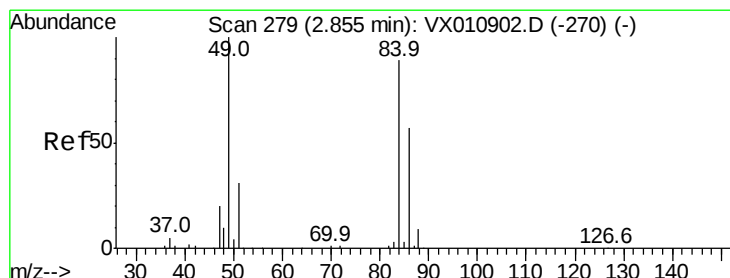
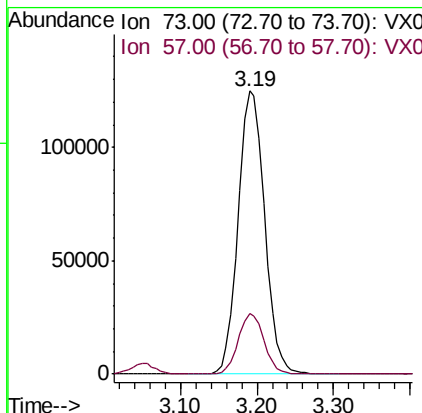
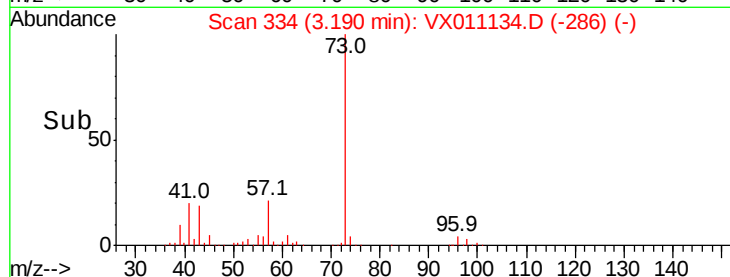
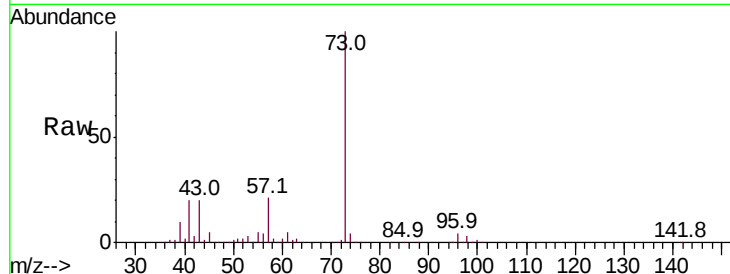
Methyl tert-butyl Ether
 Concen: 52.905 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.3	25.9

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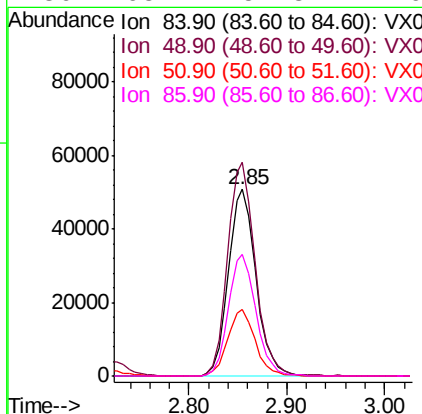
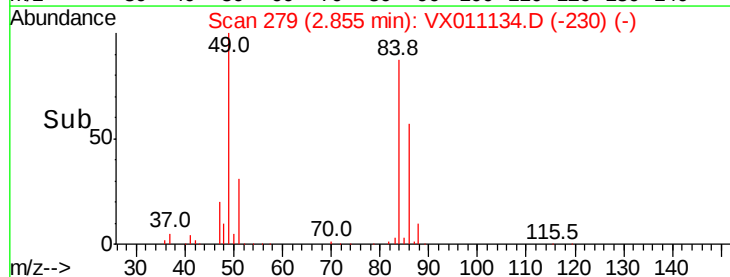
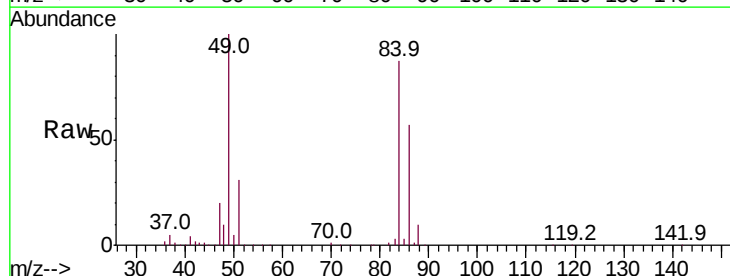
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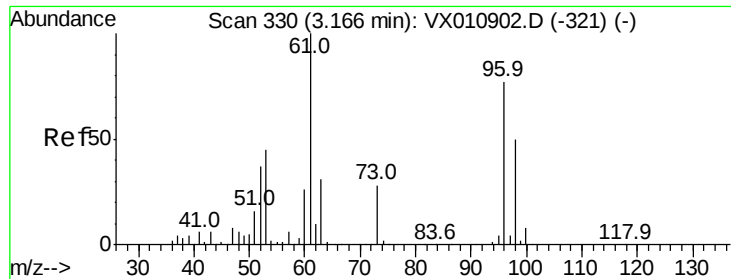


#20

Methylene Chloride
 Concen: 49.315 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.5	89.9	134.9
51	35.4	27.8	41.6
86	65.1	51.8	77.6





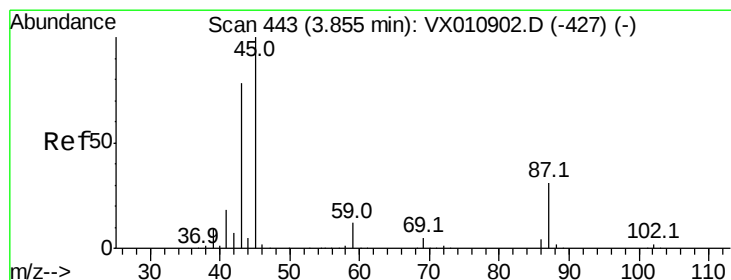
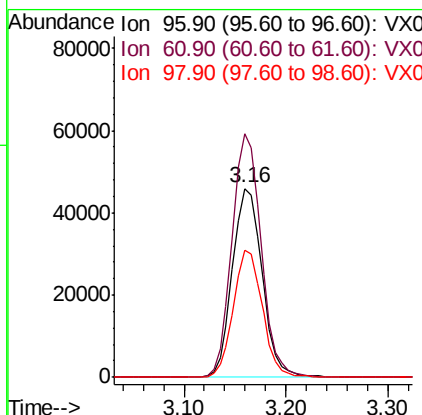
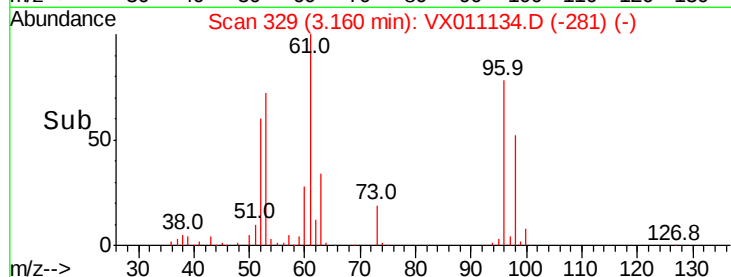
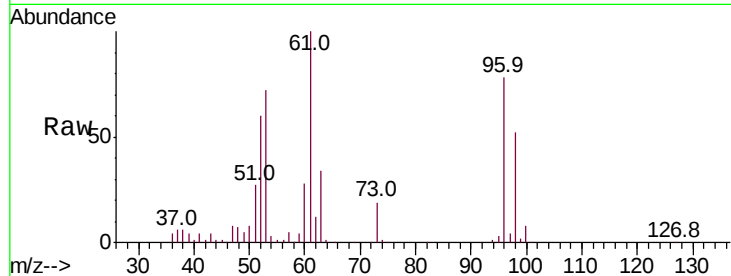
#21
trans-1,2-Dichloroethene
Concen: 49.690 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.9	104.2	156.2
98	67.2	52.2	78.4

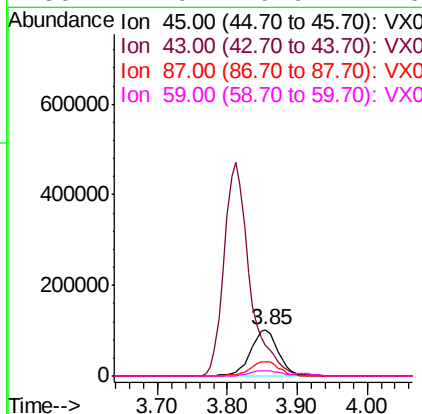
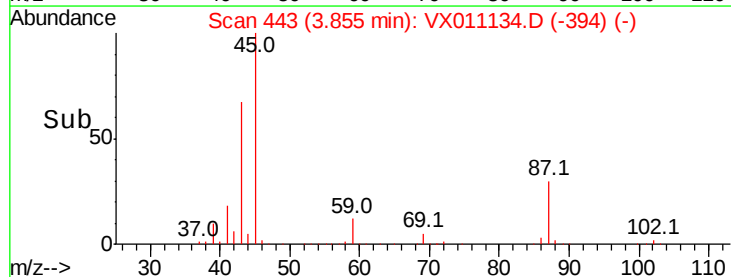
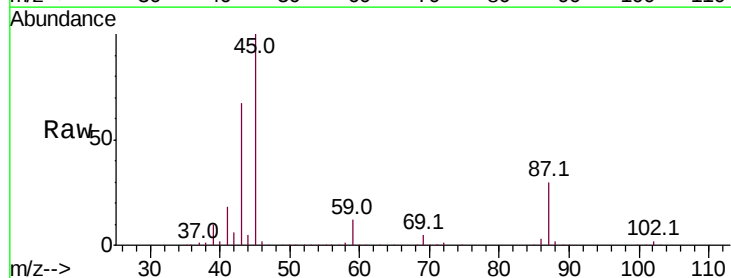
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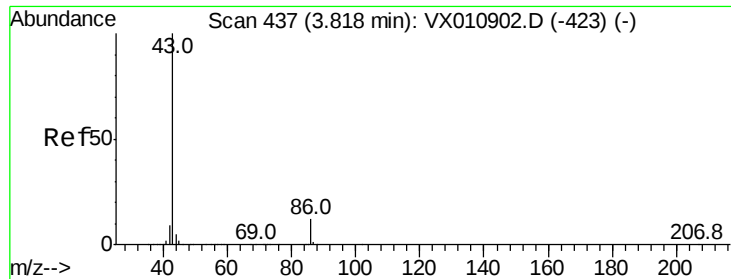
MMDadoda
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#22
Diisopropyl ether
Concen: 52.472 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.0	62.3	93.5
87	30.4	25.0	37.4
59	12.0	9.9	14.9





#23

Vinyl Acetate

Concen: 264.975 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1209246

Ion Ratio Lower Upper

43 100

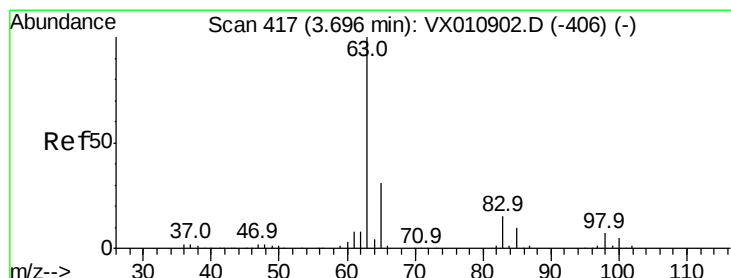
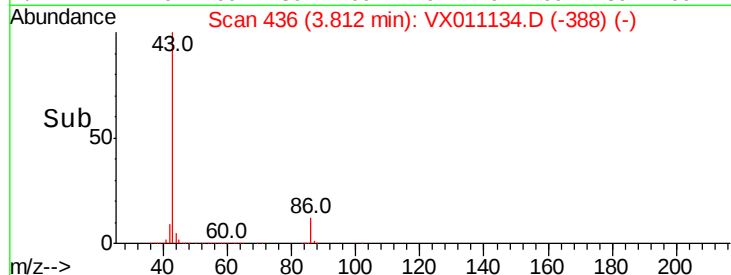
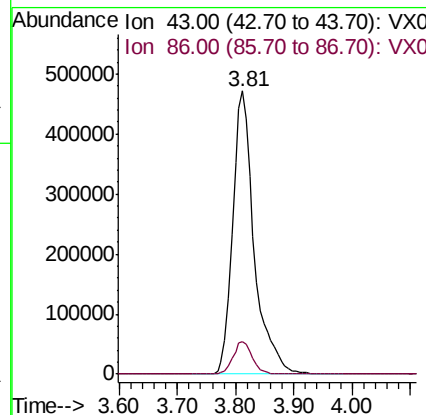
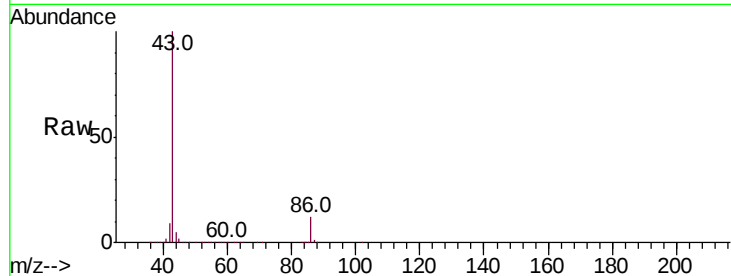
86 11.6 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 51.740 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

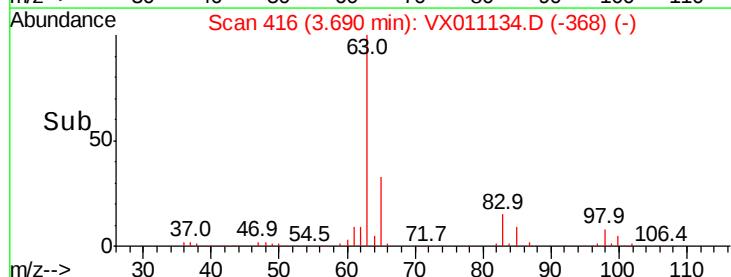
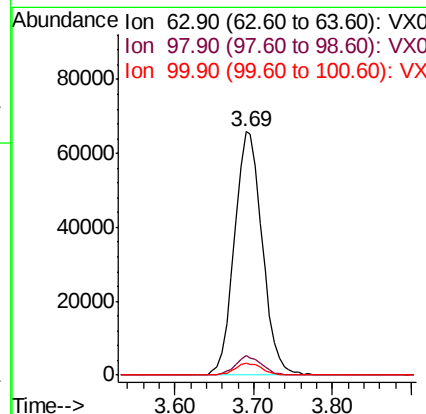
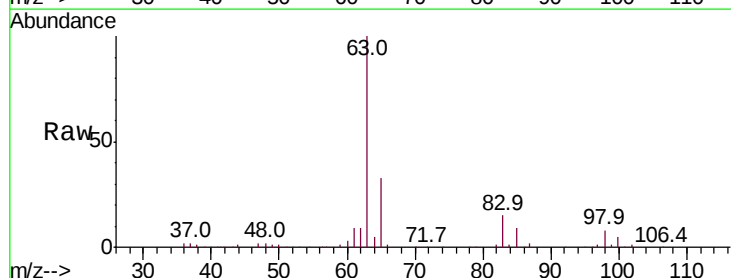
Tgt Ion: 63 Resp: 161844

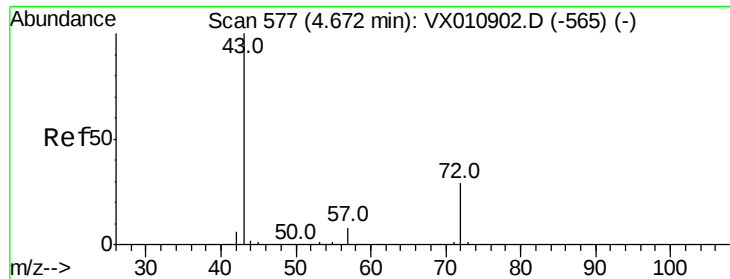
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.9

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 261.755 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 356360

Ion Ratio Lower Upper

43 100

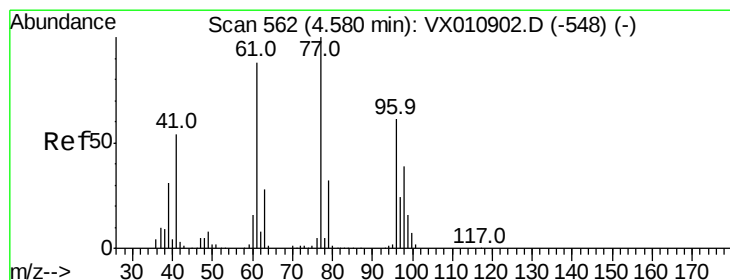
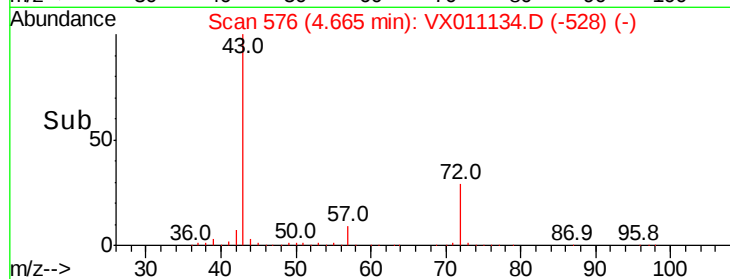
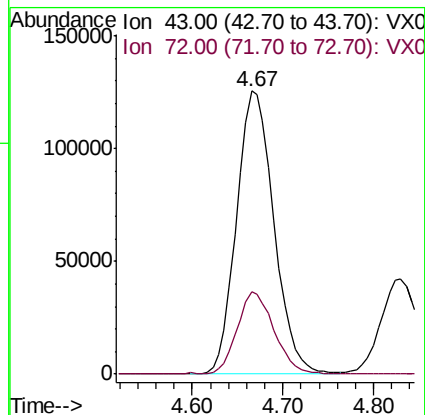
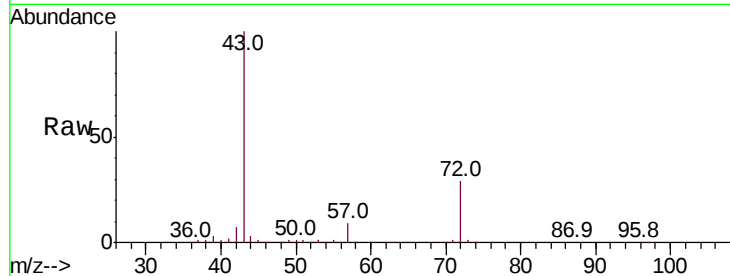
72 28.8 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 55.847 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011134.D

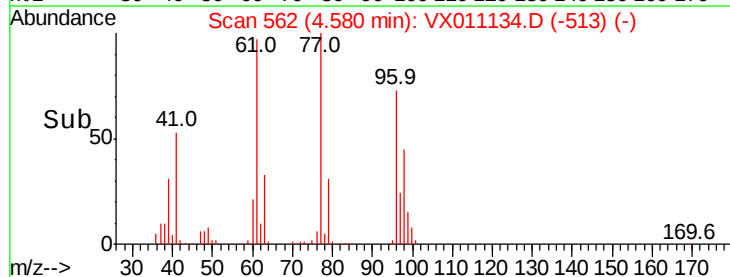
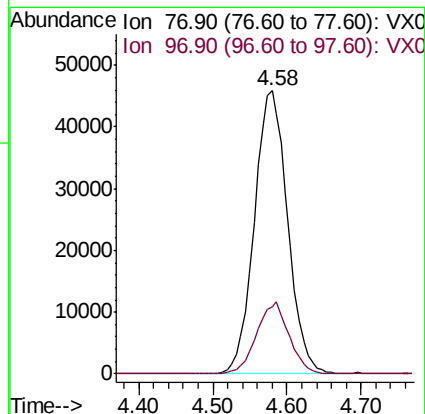
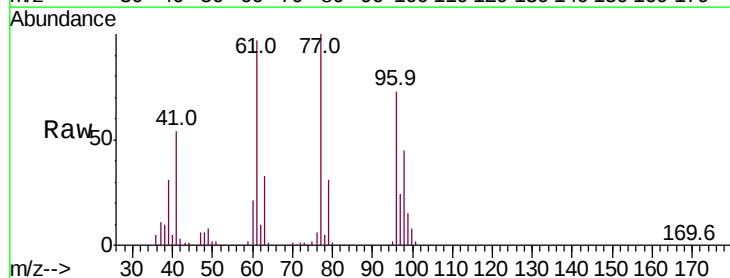
Acq: 29 Jul 2019 10:19

Tgt Ion: 77 Resp: 143436

Ion Ratio Lower Upper

77 100

97 24.8 12.6 37.6





#27

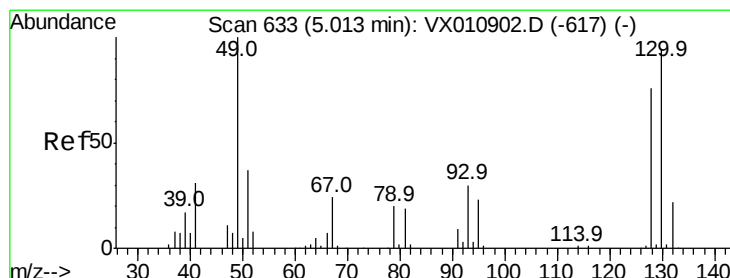
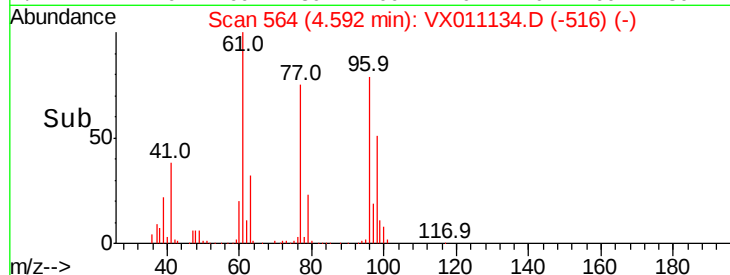
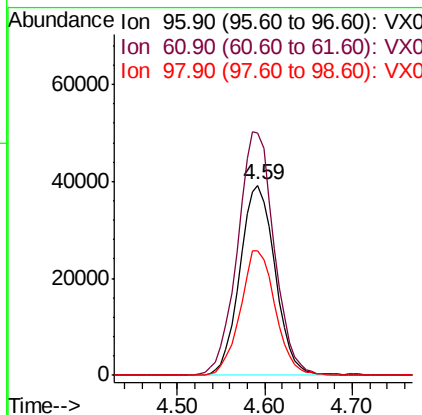
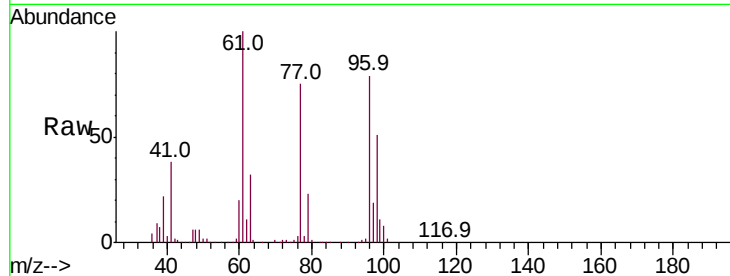
cis-1,2-Dichloroethene
Concen: 51.047 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	110211		
61	133.4	0.0	269.0	
98	65.0	0.0	131.4	

Manual Integrations
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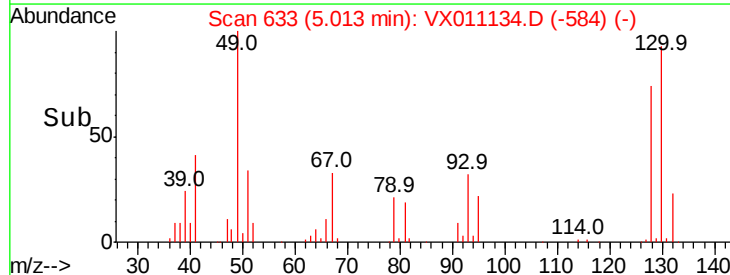
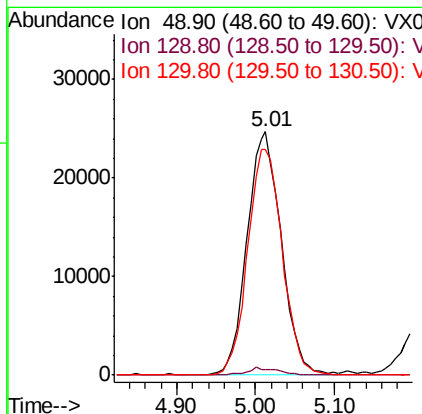
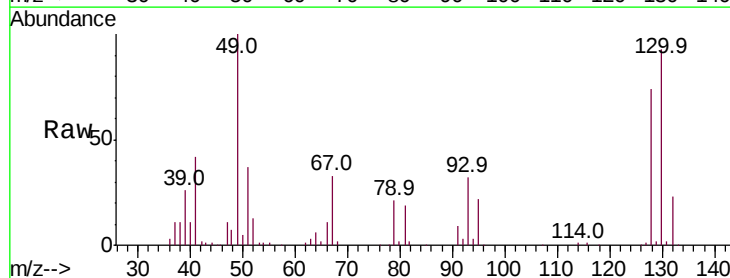
MMDadoda
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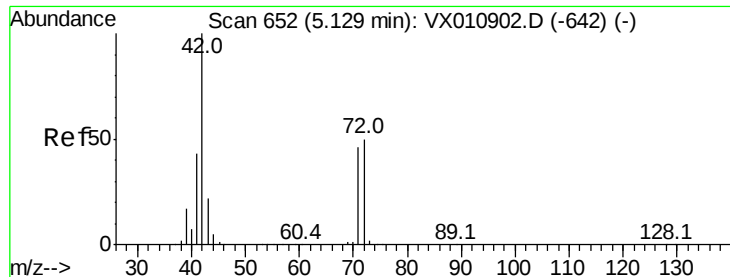


#28

Bromochloromethane
Concen: 50.594 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	74577		
129	2.6	0.0	5.2	
130	93.8	76.9	115.3	





#29

Tetrahydrofuran

Concen: 246.863 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

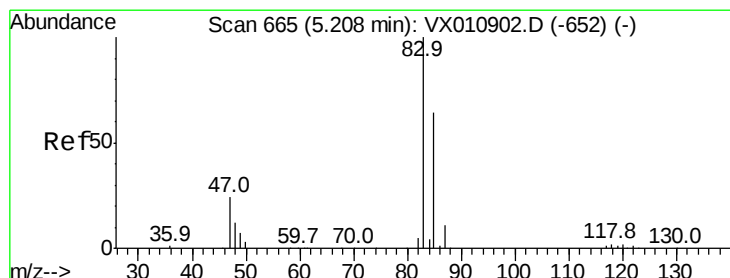
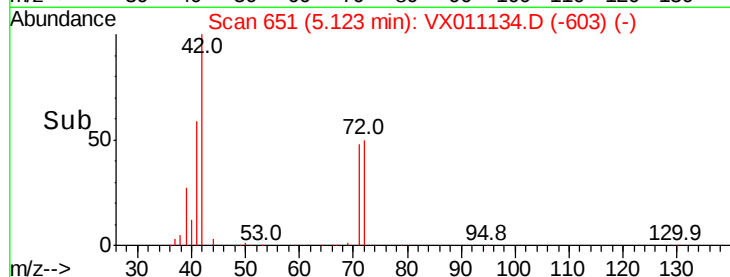
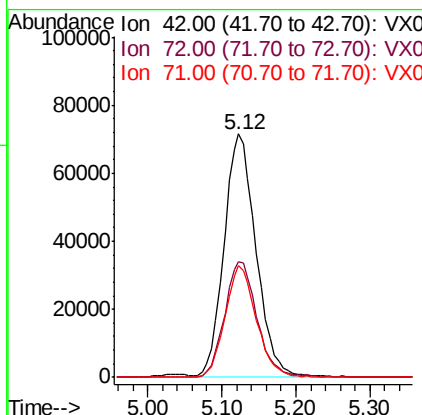
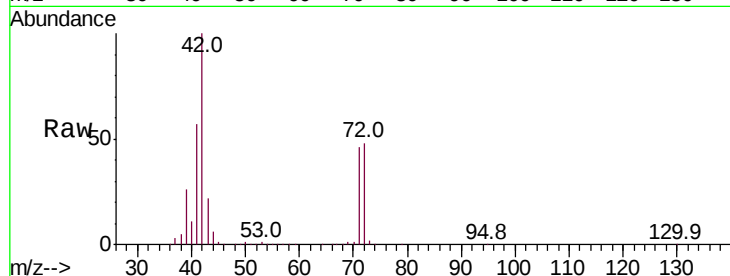
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	212890
Ion Ratio	Lower	Upper	
42	100		
72	48.8	39.8	59.8
71	45.3	37.0	55.4

Manual Integrations
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#30

Chloroform

Concen: 53.040 ug/l

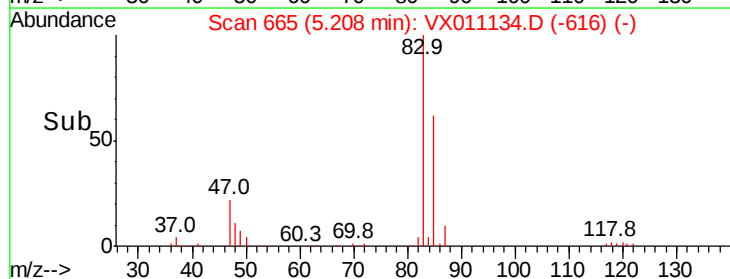
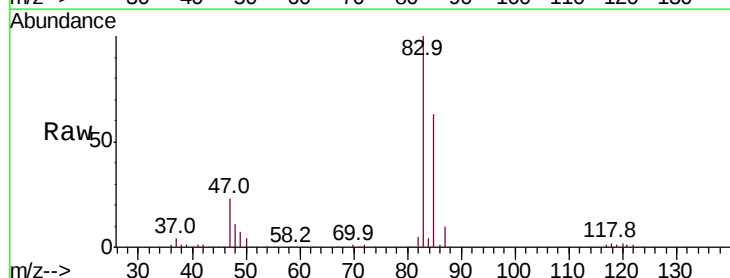
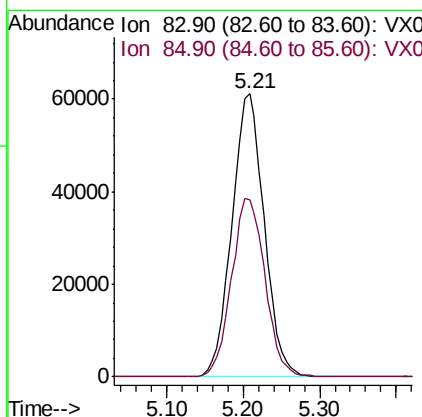
RT: 5.21 min Scan# 665

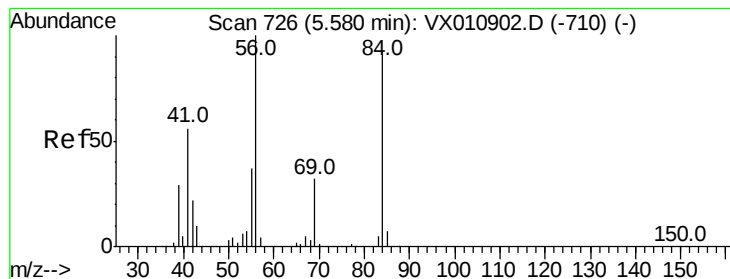
Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Tgt Ion:	83	Resp:	179330
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.4	77.0





#31

Cyclohexane

Concen: 49.795 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 141974

Ion Ratio Lower Upper

56 100

69 32.6 25.8 38.8

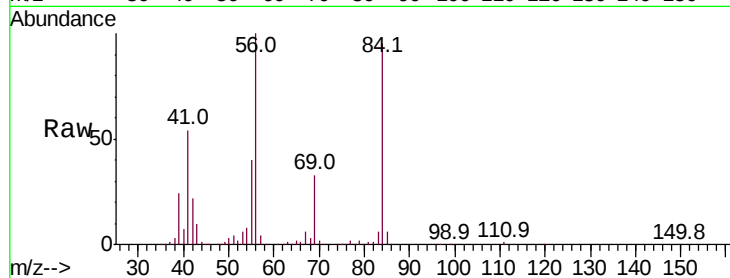
84 92.0 73.8 110.6

Manual Integrations

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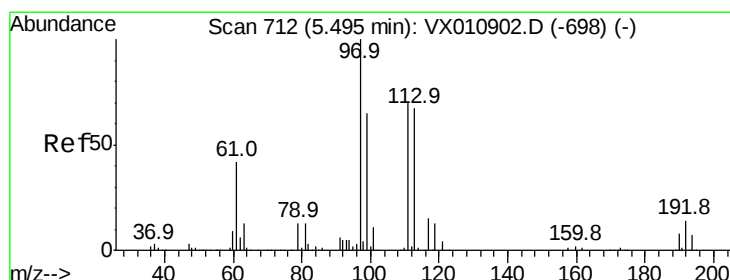
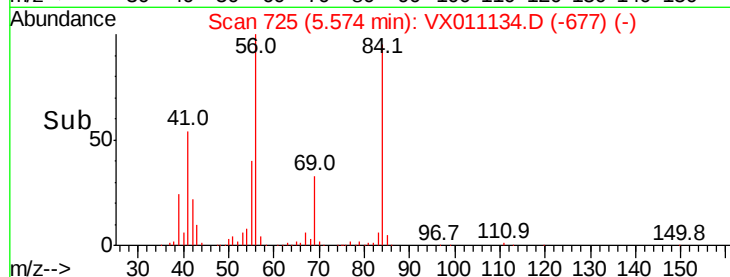
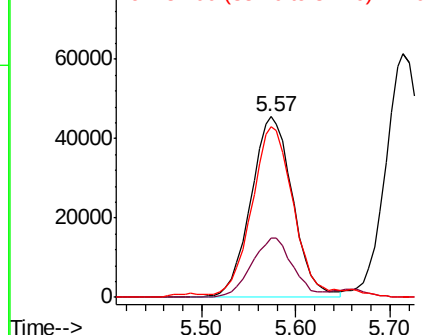


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 54.284 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

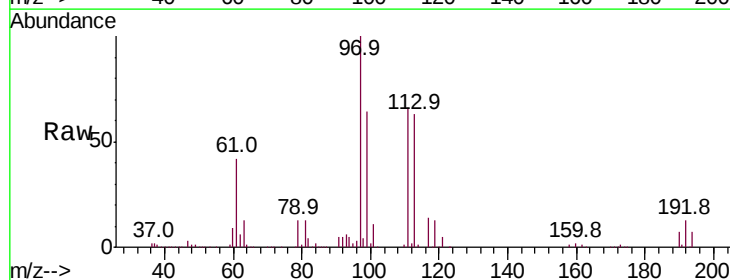
Tgt Ion: 97 Resp: 158787

Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

61 41.6 33.0 49.6

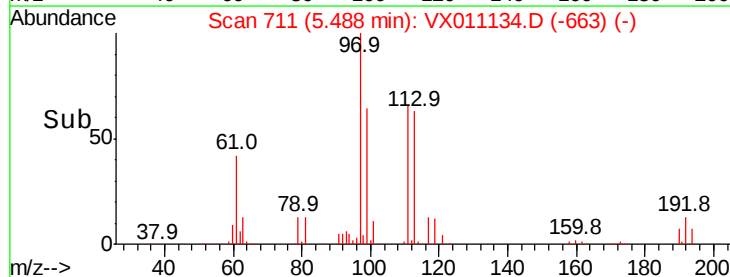
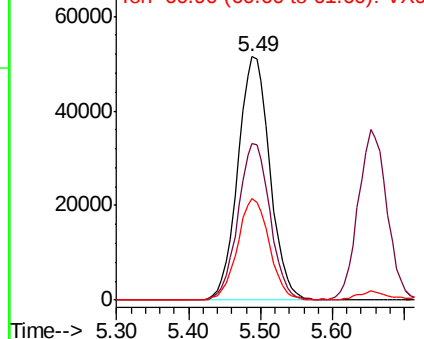


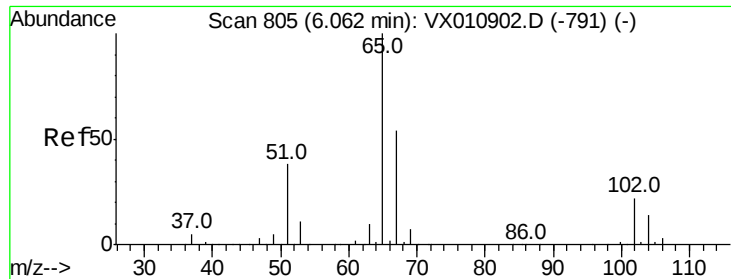
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





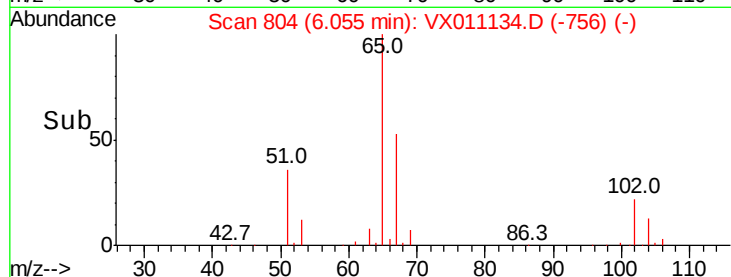
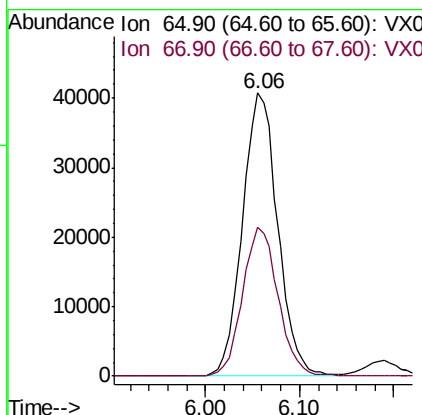
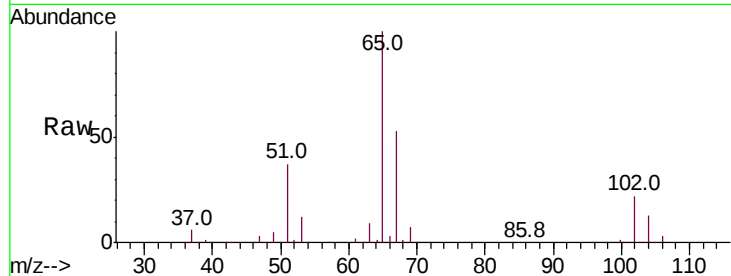
#33
 1,2-Dichloroethane-d4
 Concen: 51.009 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.8

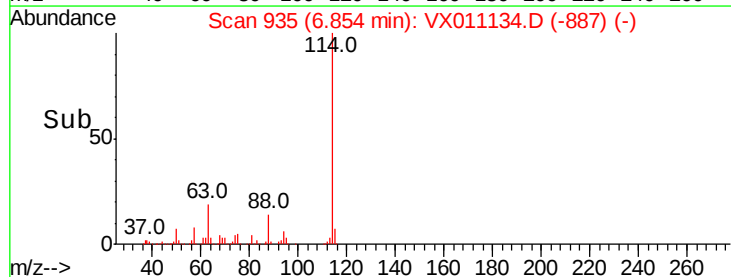
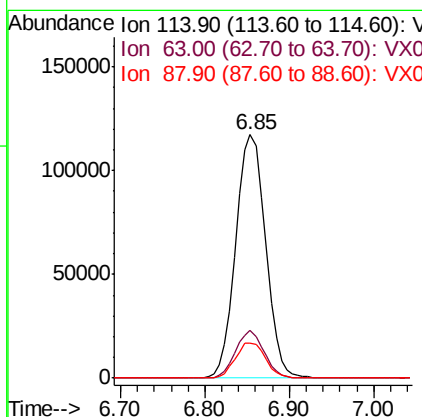
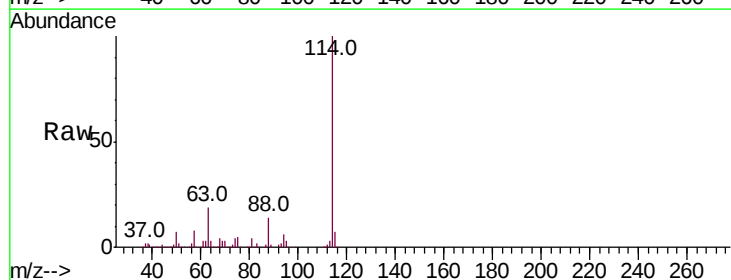
Manual Integrations
 APPROVED

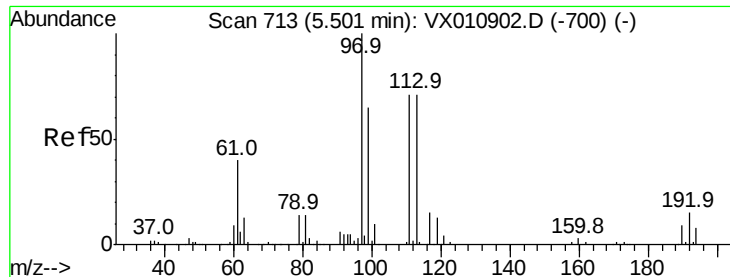
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 7/30/2019 11:08:53 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	35.6
88	14.2	0.0	29.8





#35

Dibromofluoromethane

Concen: 54.423 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:113 Resp: 97089

Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

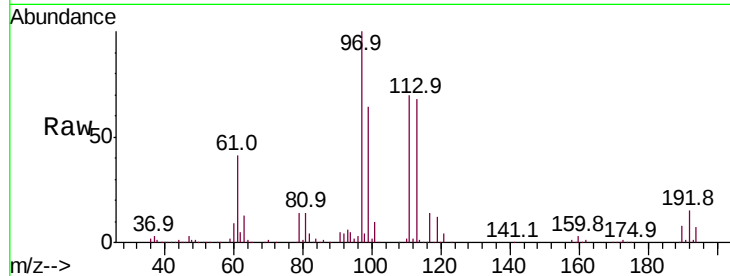
192 22.1 17.4 26.2

Manual Integrations

APPROVED

MMDadoda

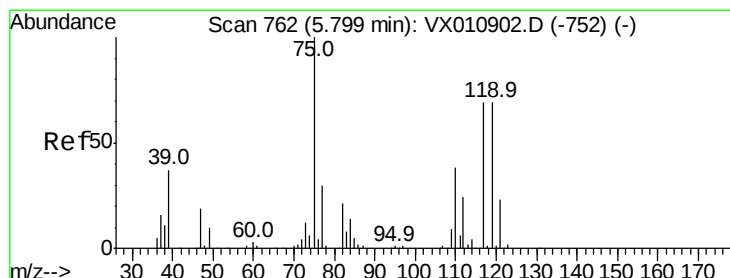
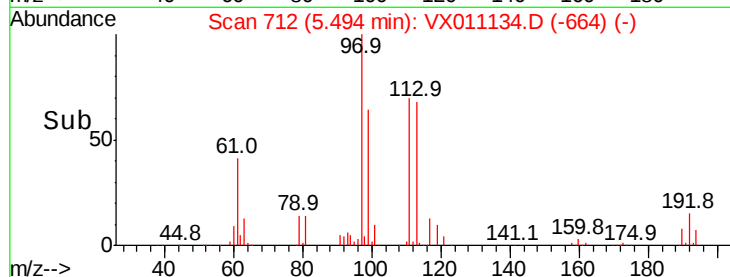
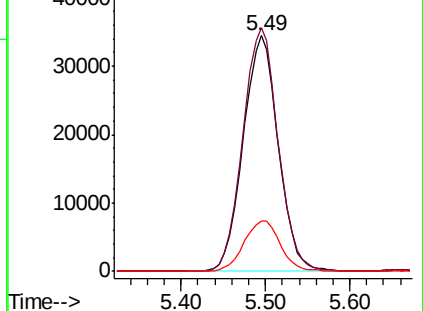
7/30/2019 11:08:53 AM



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 54.639 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

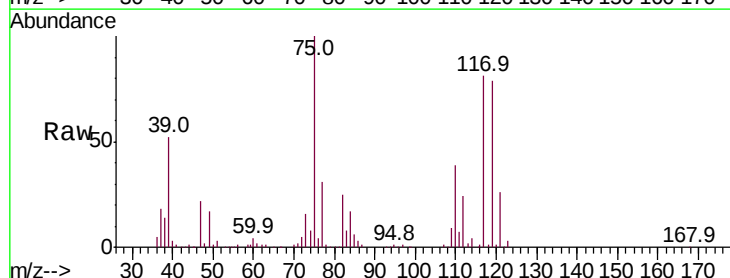
Tgt Ion: 75 Resp: 126144

Ion Ratio Lower Upper

75 100

110 39.4 19.9 59.7

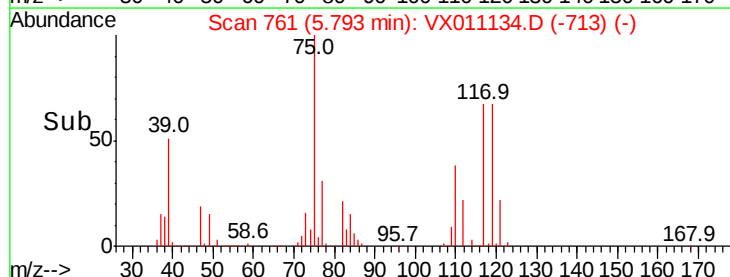
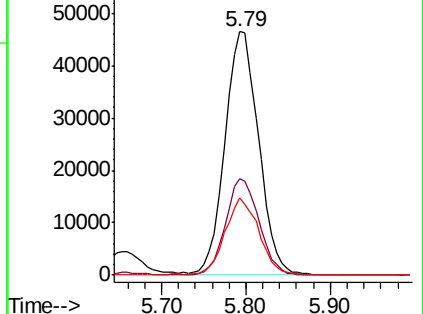
77 31.6 25.0 37.4

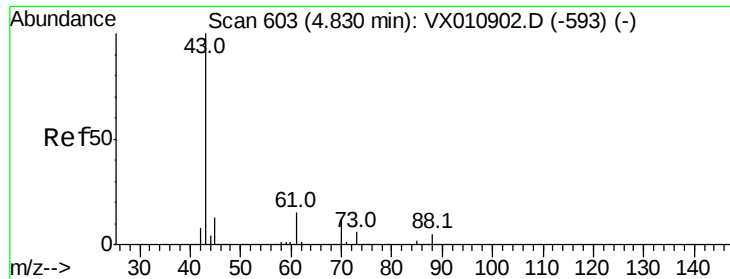


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





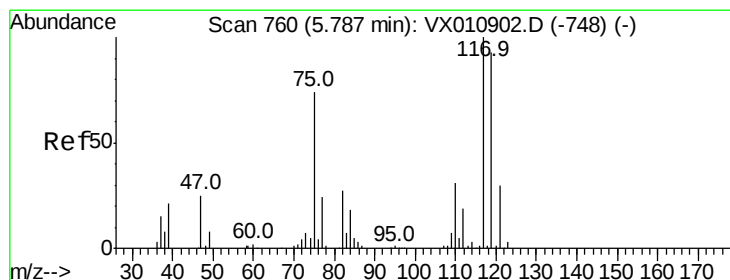
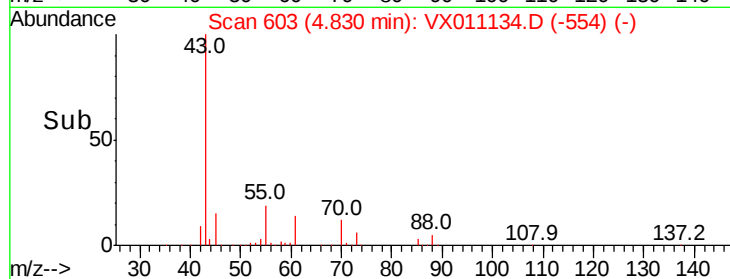
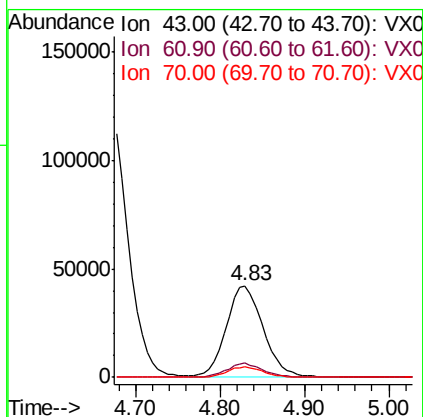
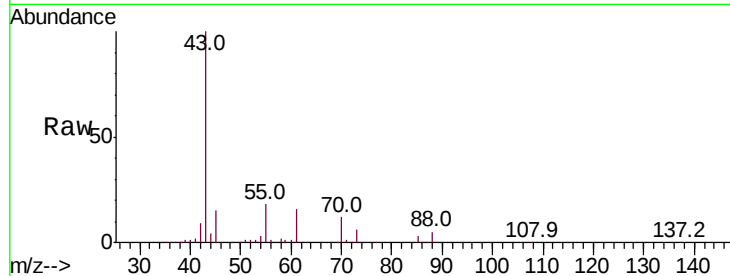
#37
Ethyl Acetate
Concen: 52.486 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.6	17.4
70	11.5	9.1	13.7

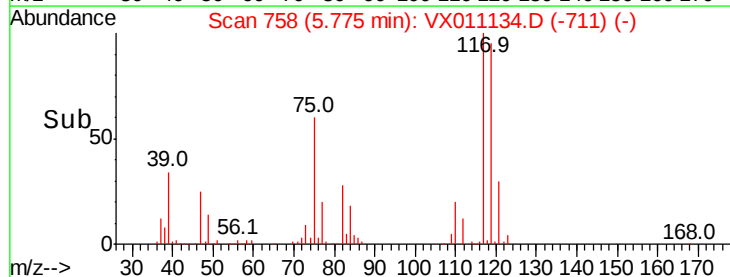
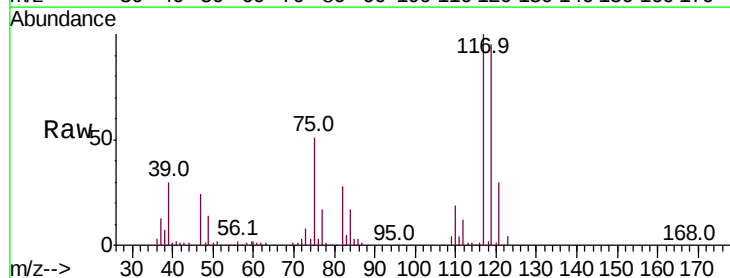
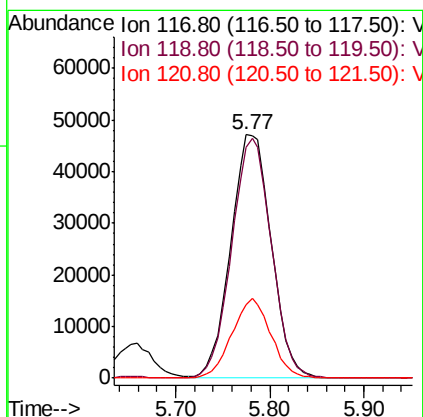
Manual Integrations
APPROVED

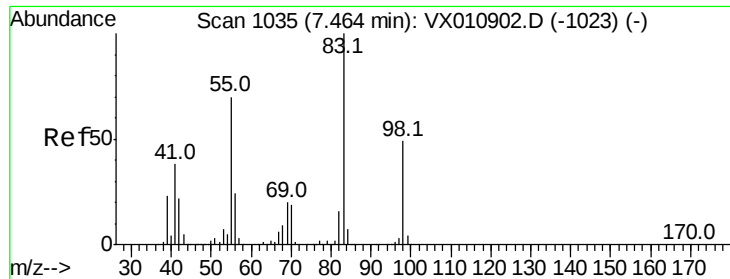
MMDadoda
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#38
Carbon Tetrachloride
Concen: 58.294 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	74.2	111.2
121	30.3	24.2	36.2





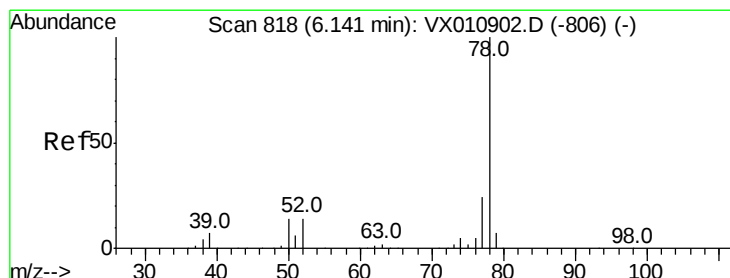
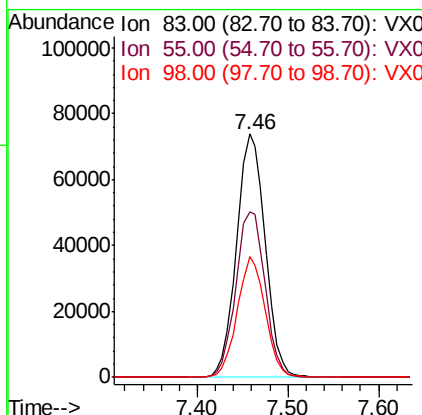
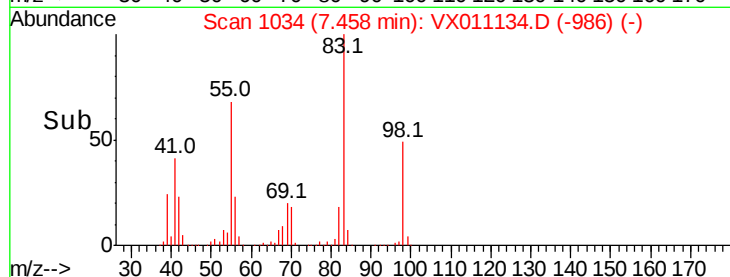
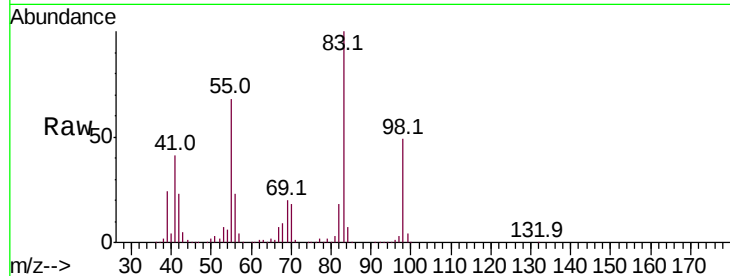
#39
Methvlcvclohexane
Concen: 54.027 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	67.9	56.2	84.4	
98	49.4	39.0	58.4	

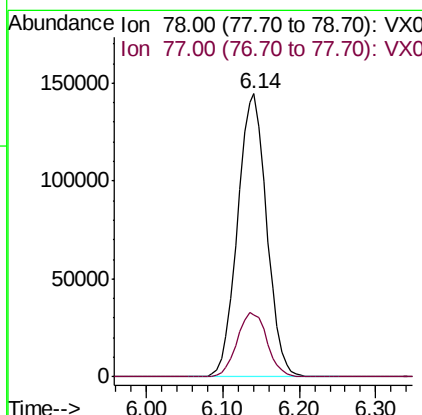
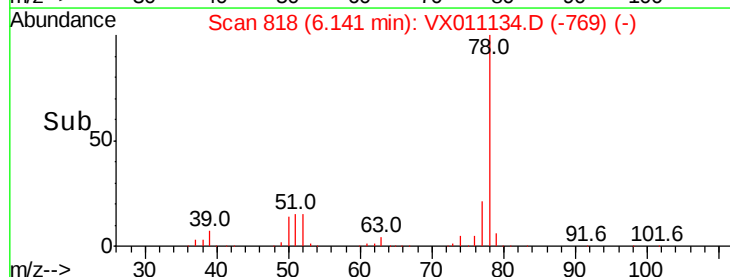
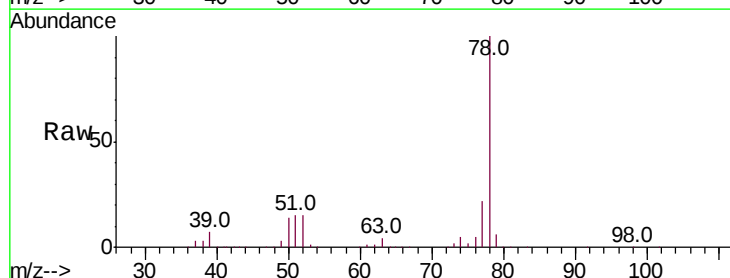
Manual Integrations
APPROVED

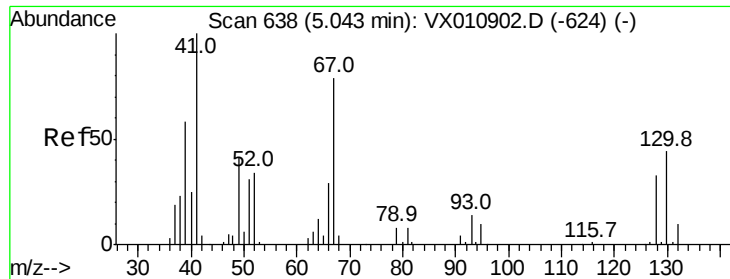
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#40
Benzene
Concen: 53.848 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.0	19.0	28.6	





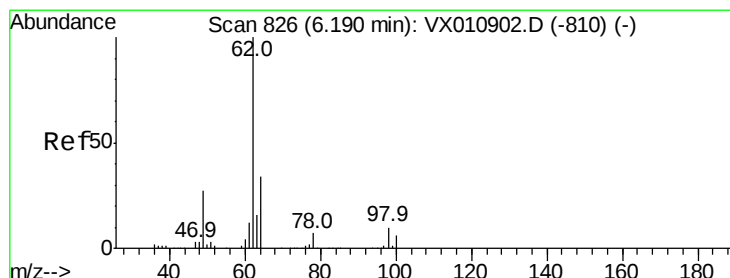
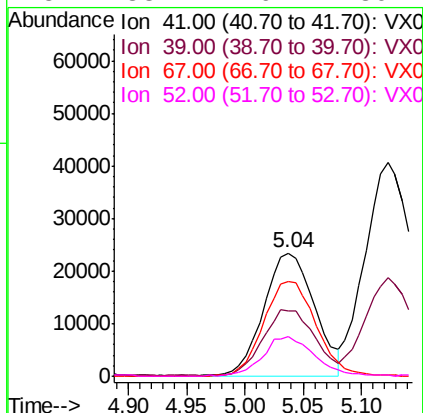
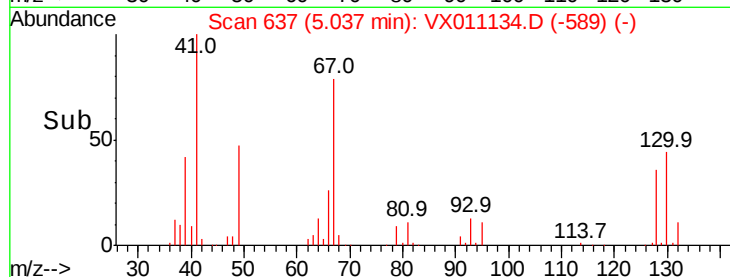
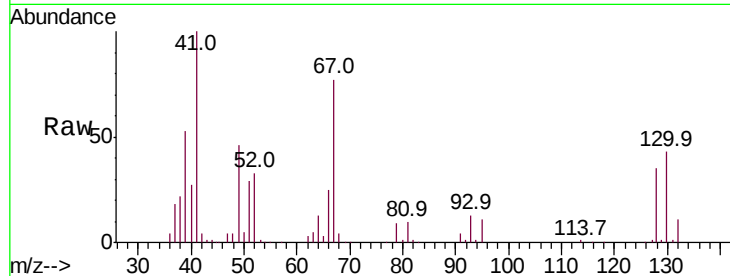
#41
Methacrylonitrile
Concen: 52.559 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.1	45.4	68.2
67	80.1	65.9	98.9
52	33.2	26.2	39.2

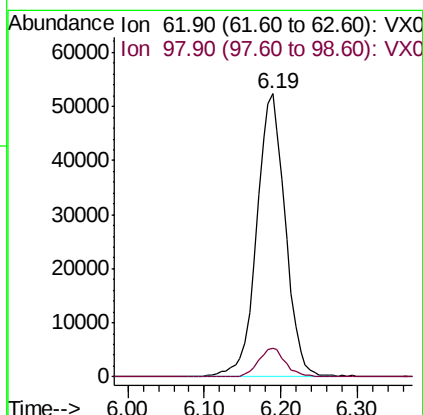
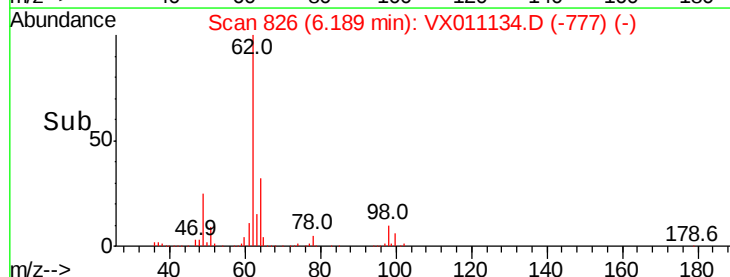
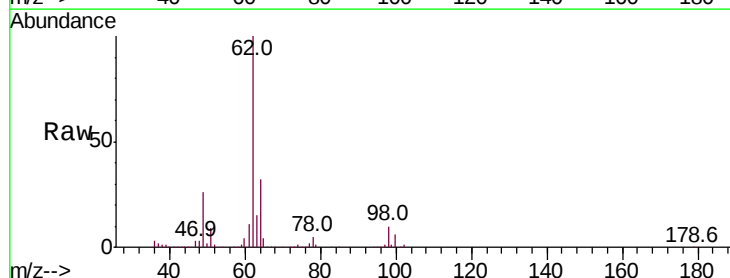
Manual Integrations
APPROVED

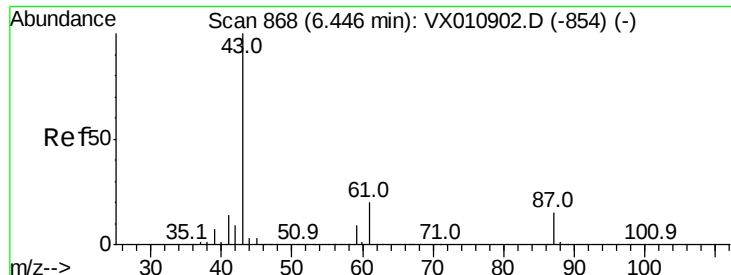
MMDadoda
7/30/2019 11:08:53 AM



#42
1,2-Dichloroethane
Concen: 55.508 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.0





#43

Isopropyl Acetate

Concen: 54.457 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

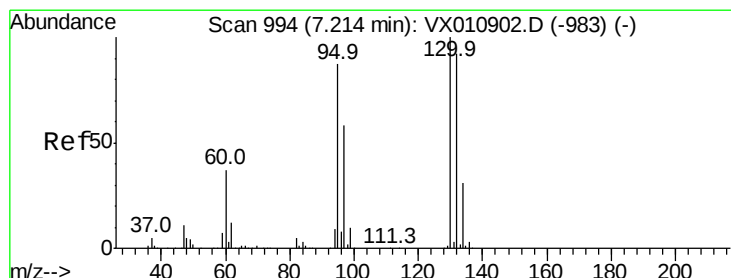
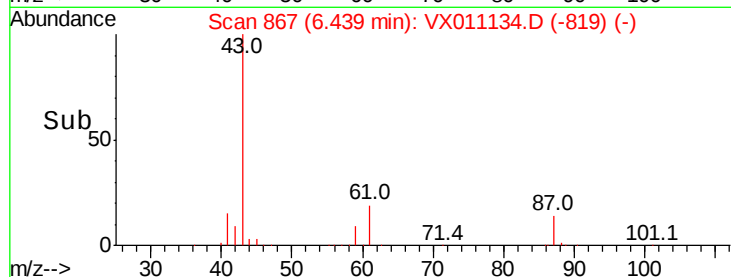
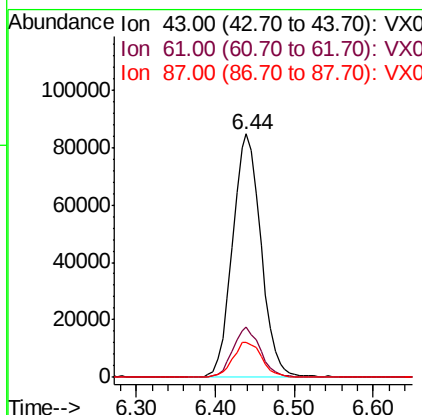
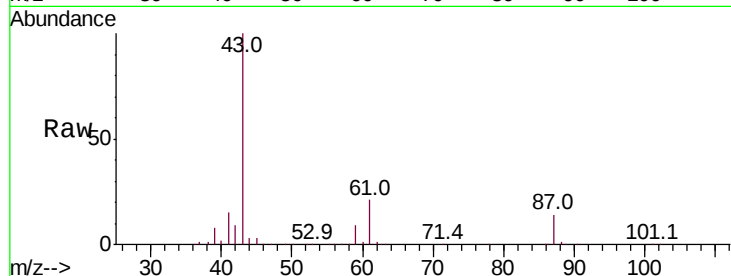
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	211682
Ion	Ratio	Lower	Upper
43	100		
61	20.1	17.1	25.7
87	14.7	12.0	18.0

Manual Integrations
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#44

Trichloroethene

Concen: 53.811 ug/l

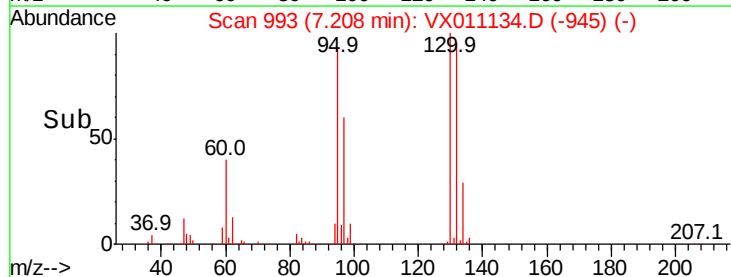
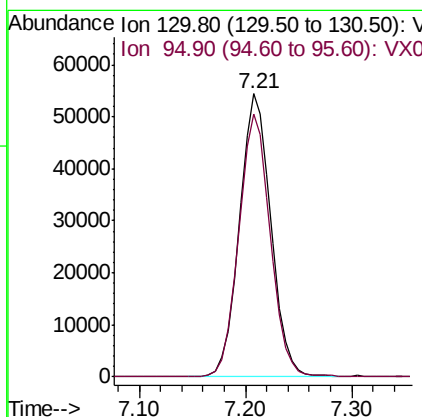
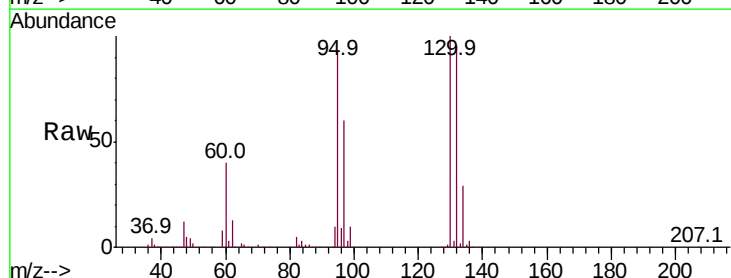
RT: 7.21 min Scan# 993

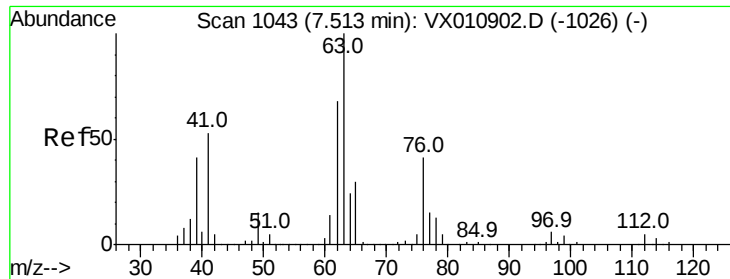
Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Tgt Ion:	130	Resp:	112645
Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	174.8





#45

1,2-Dichloropropane

Concen: 53.845 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 96919

Ion Ratio Lower Upper

63 100

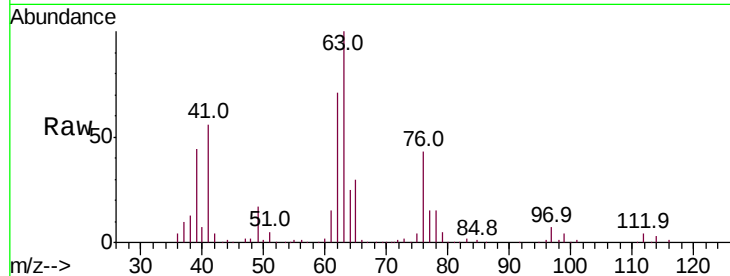
65 29.9 24.4 36.6

Manual Integrations

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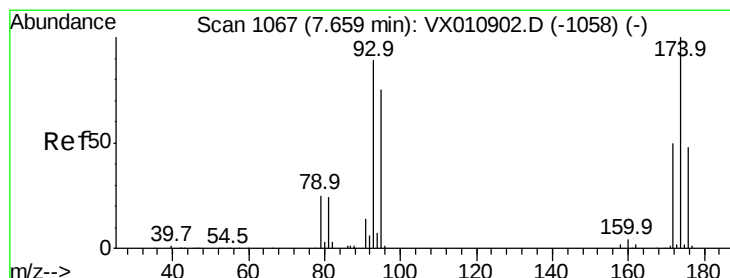
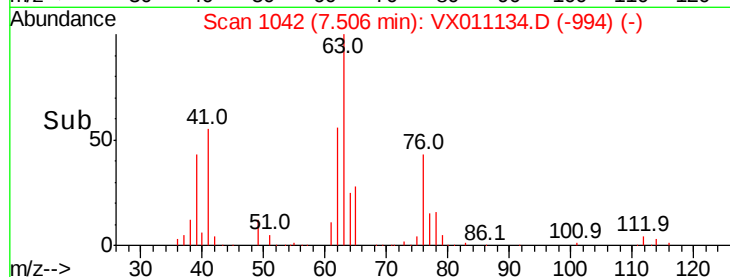
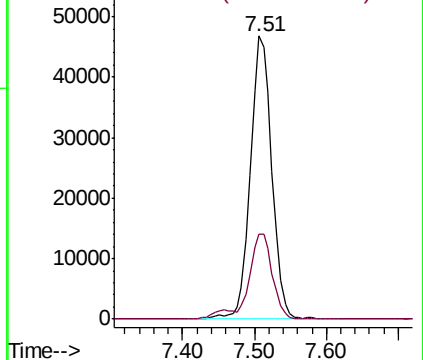
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 55.075 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

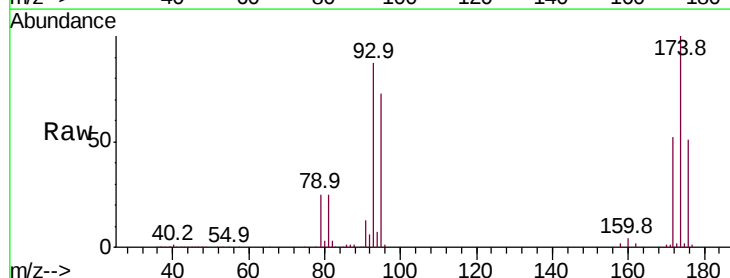
Tgt Ion: 93 Resp: 70837

Ion Ratio Lower Upper

93 100

95 83.9 67.2 100.8

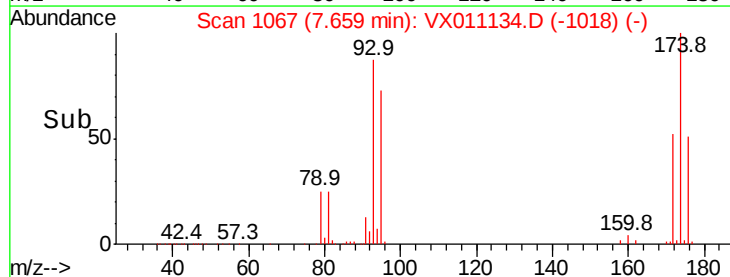
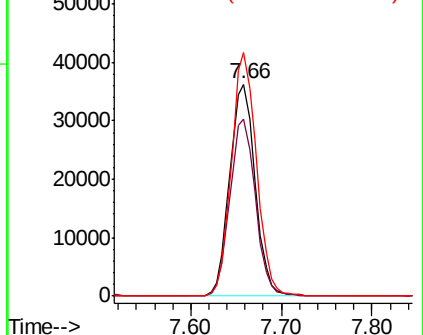
174 113.5 90.6 135.8

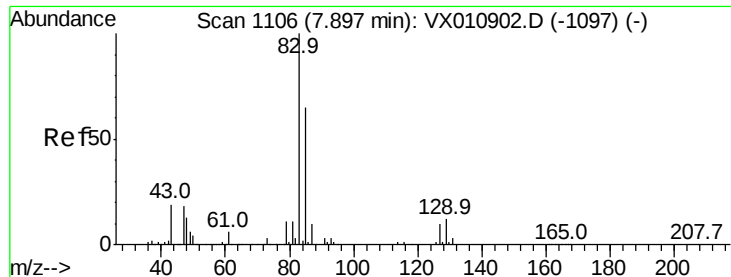


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 58.882 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

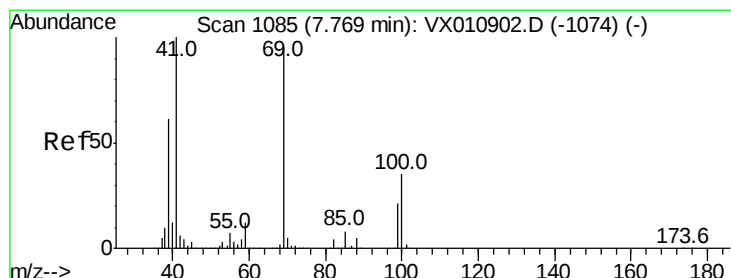
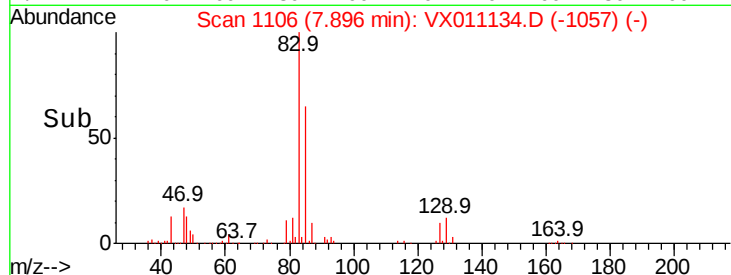
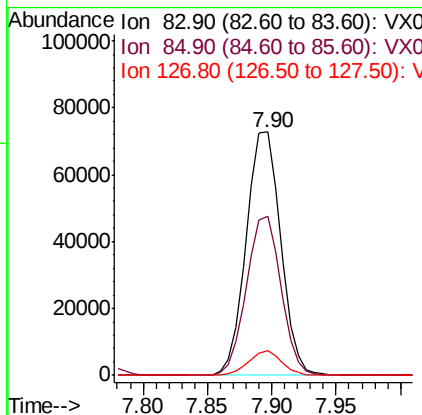
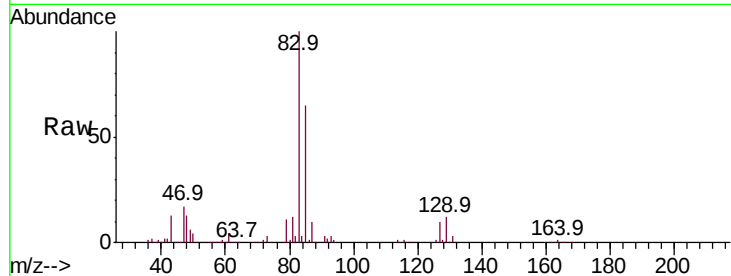
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	134811
Ion Ratio	Lower	Upper	
83	100		
85	65.5	52.5	78.7
127	9.9	7.8	11.8

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#48

Methyl methacrylate

Concen: 54.400 ug/l

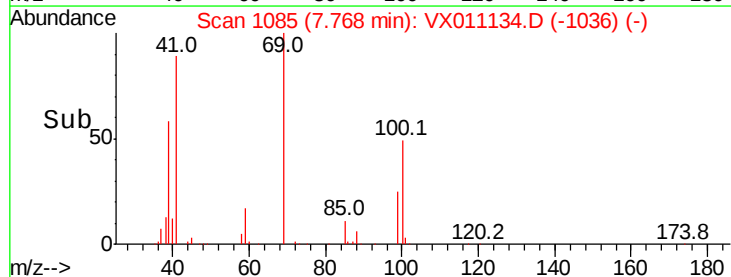
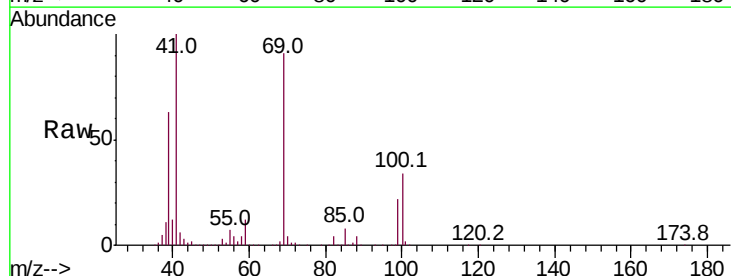
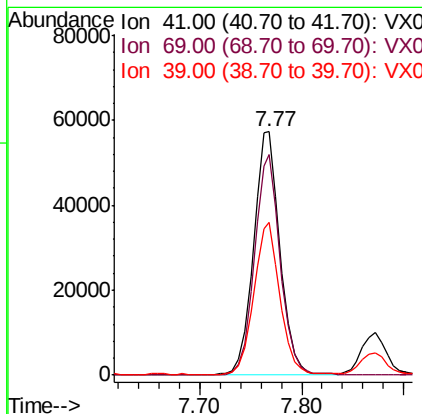
RT: 7.77 min Scan# 1085

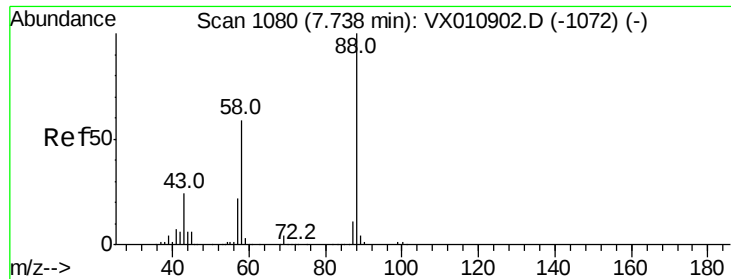
Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Tgt Ion:	41	Resp:	103015
Ion Ratio	Lower	Upper	
41	100		
69	89.3	74.4	111.6
39	61.7	48.9	73.3





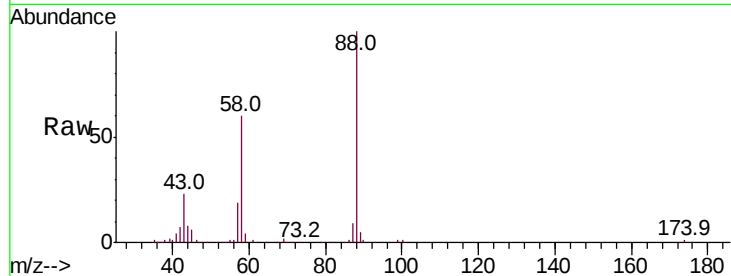
#49
1,4-Dioxane
Concen: 979.809 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

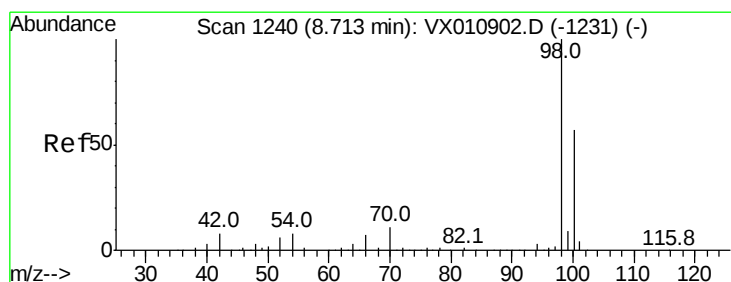
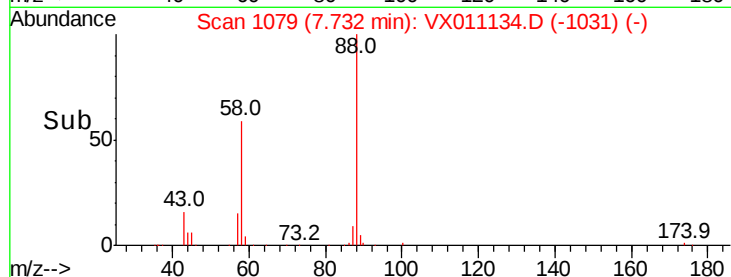
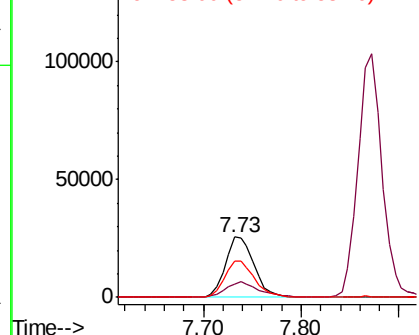
Tot Ion	Ratio	Lower	Upper
88	100		
43	29.0	22.9	34.3
58	63.1	49.8	74.8

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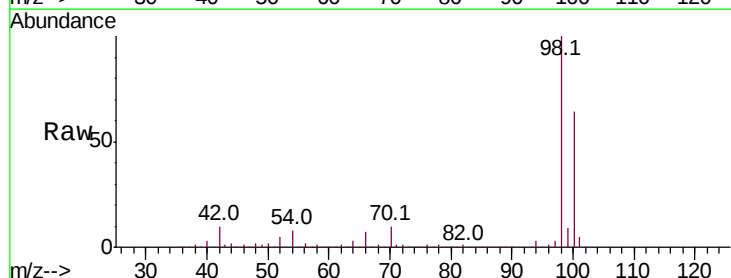


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

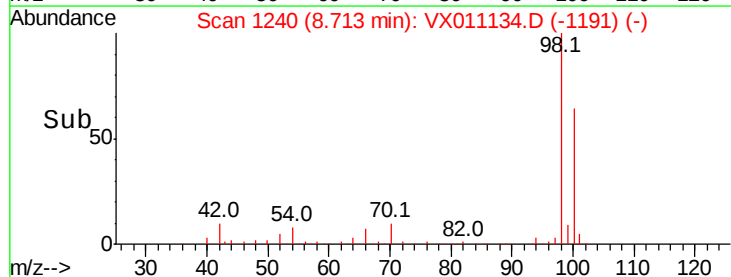
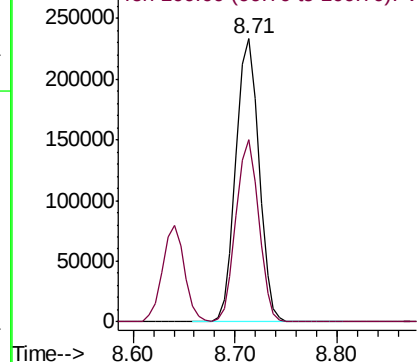


#50
Toluene-d8
Concen: 54.502 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.6	75.8



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





#51

4-Methyl-2-Pentanone

Concen: 277.030 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 698065

Ion Ratio Lower Upper

43 100

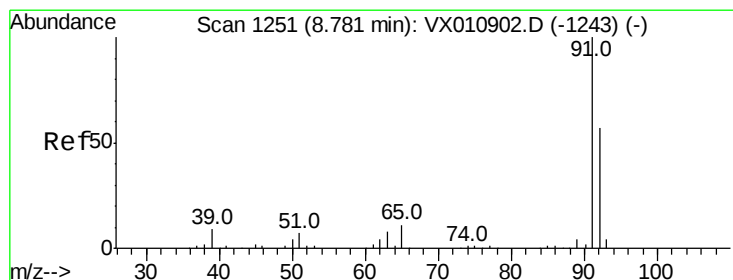
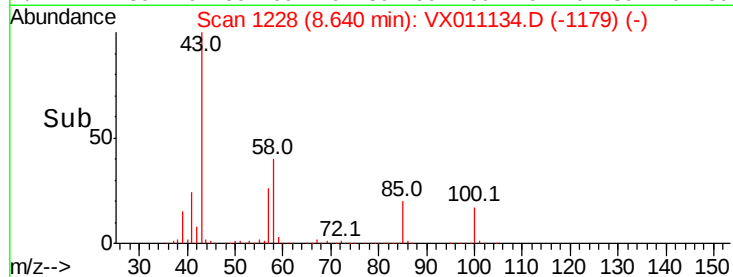
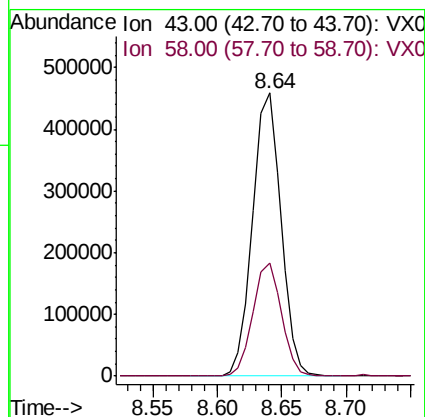
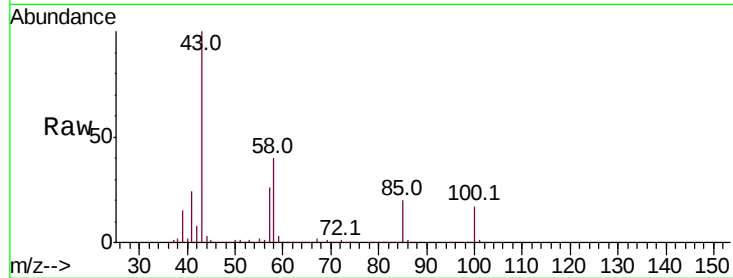
58 40.0 32.2 48.4

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#52

Toluene

Concen: 54.303 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011134.D

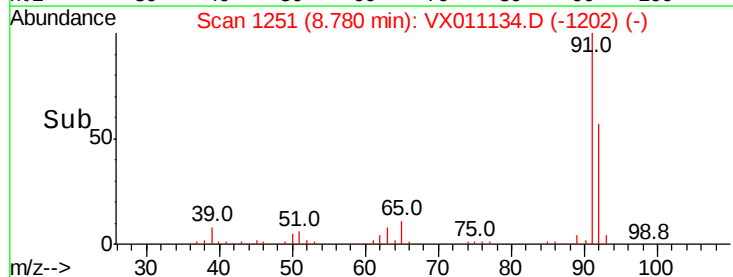
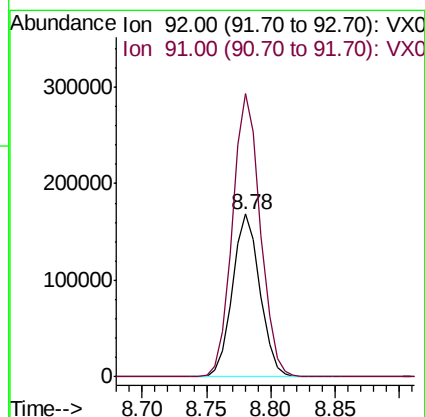
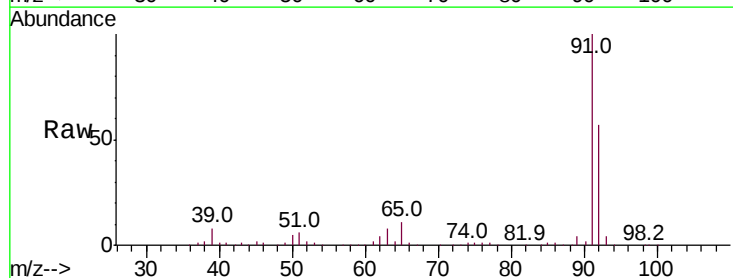
Acq: 29 Jul 2019 10:19

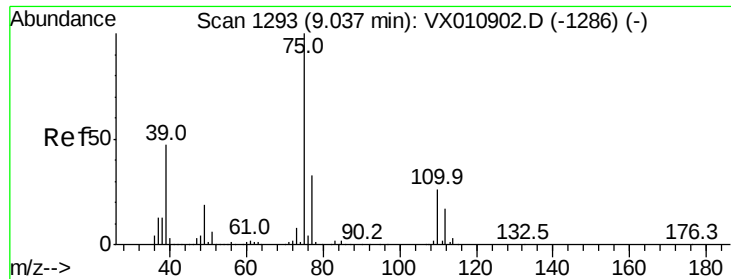
Tgt Ion: 92 Resp: 252282

Ion Ratio Lower Upper

92 100

91 176.0 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 61.077 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 150361

Ion Ratio Lower Upper

75 100

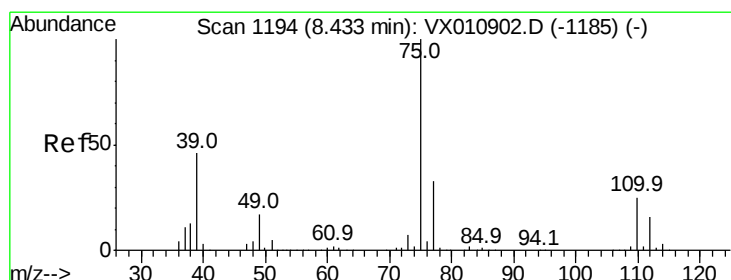
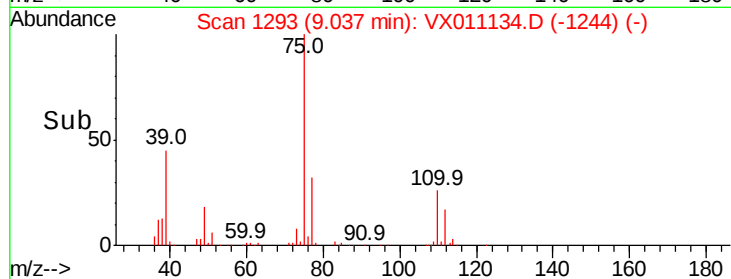
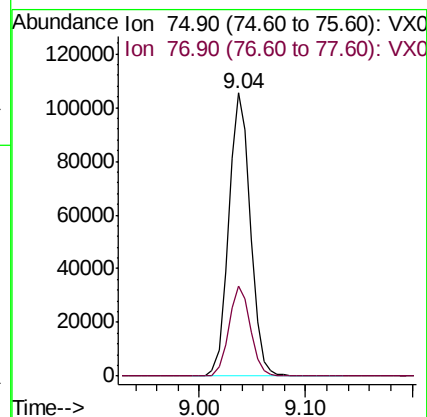
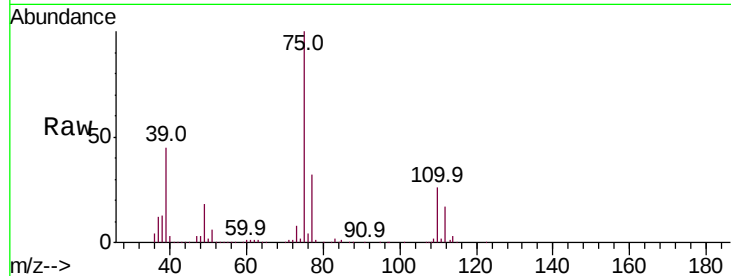
77 31.7 26.2 39.2

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#54

cis-1,3-Dichloropropene

Concen: 58.772 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

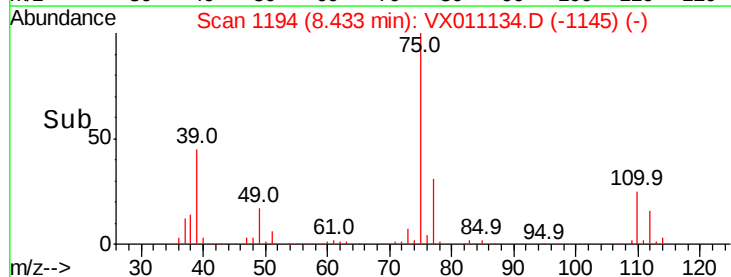
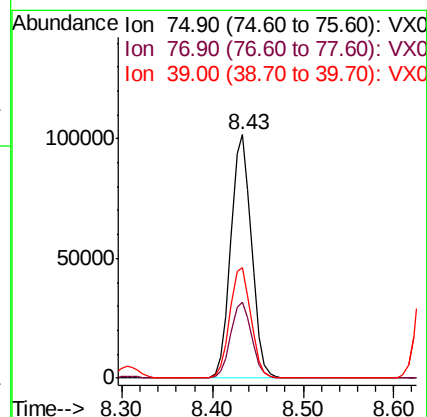
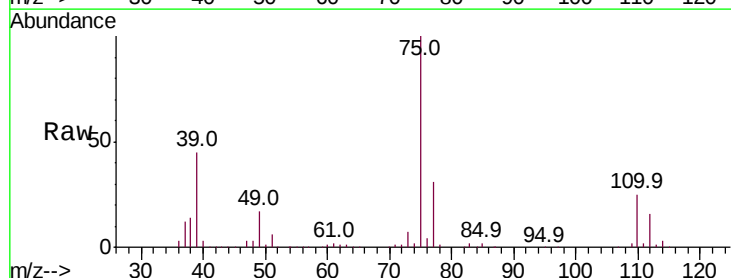
Tgt Ion: 75 Resp: 160996

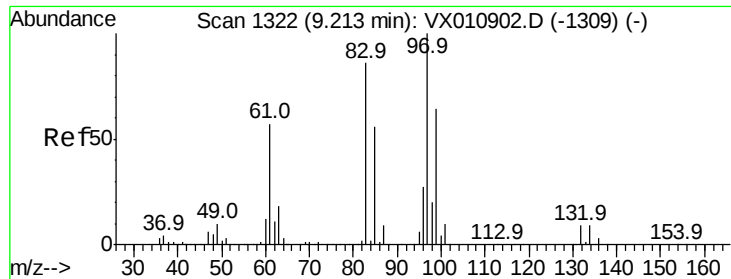
Ion Ratio Lower Upper

75 100

77 31.0 26.1 39.1

39 45.3 36.6 54.8





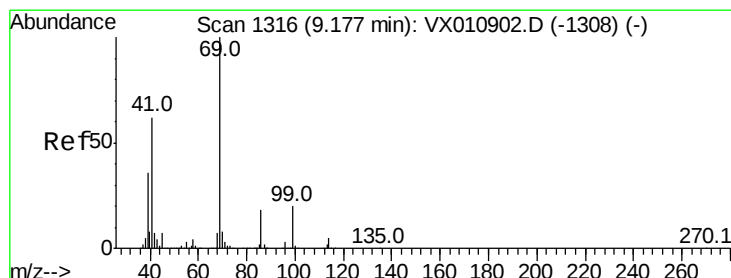
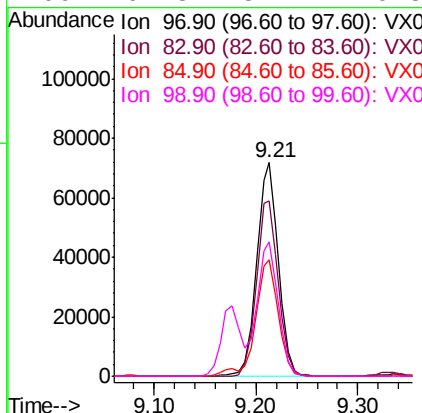
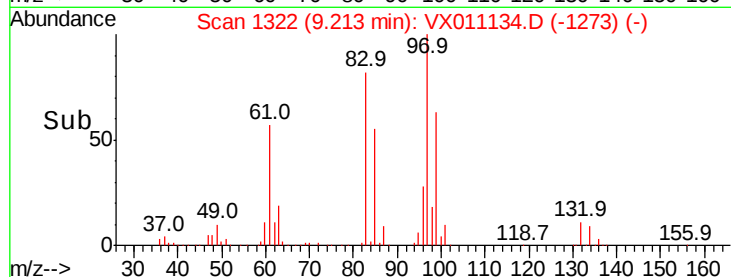
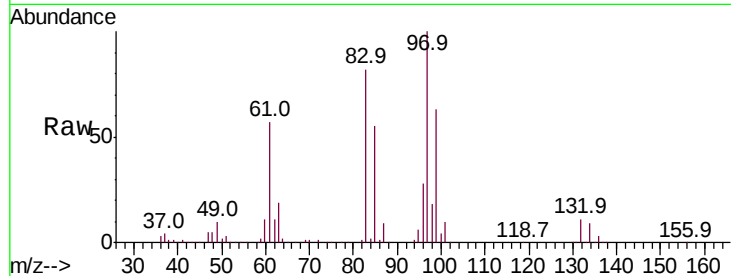
#55
 1,1,2-Trichloroethane
 Concen: 55.462 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	106093		
83	82.3	69.2	103.8	
85	54.7	44.6	66.8	
99	62.8	51.2	76.8	

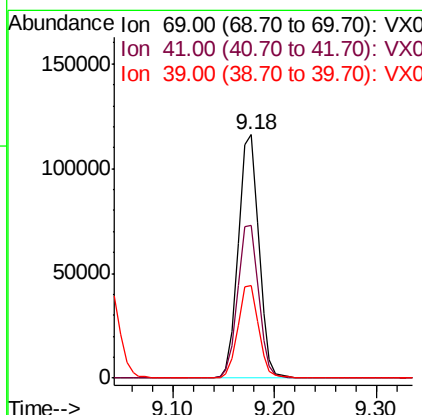
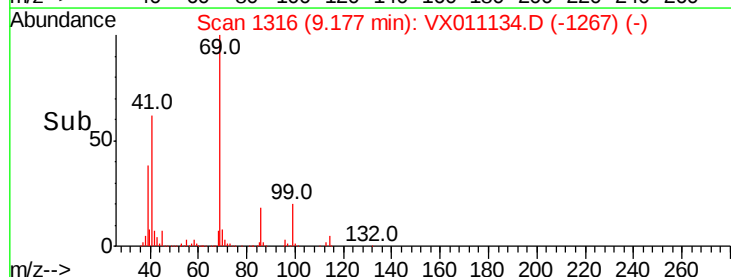
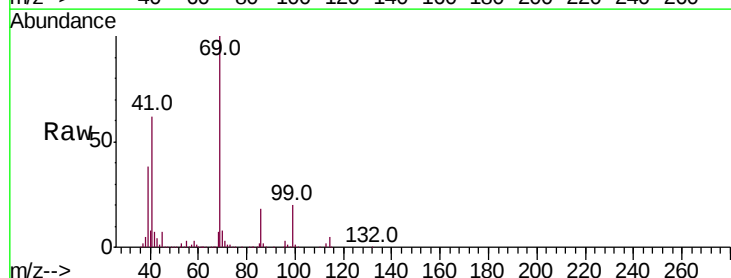
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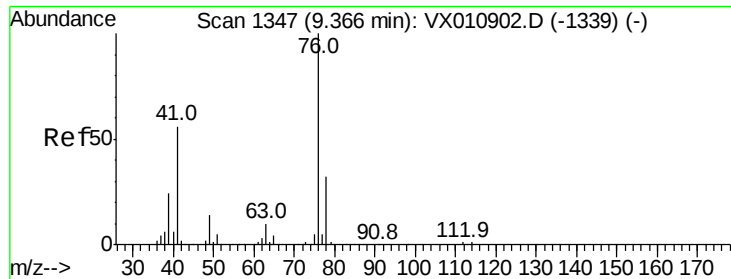
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#56
 Ethyl methacrylate
 Concen: 57.381 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	160558		
41	63.8	49.7	74.5	
39	38.5	29.6	44.4	





#57

1,3-Dichloropropane

Concen: 54.489 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 165348

Ion Ratio Lower Upper

76 100

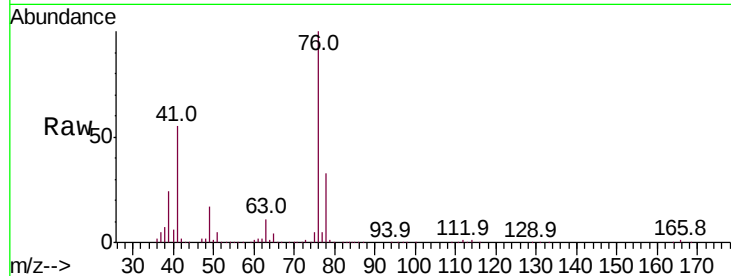
78 33.5 25.6 38.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

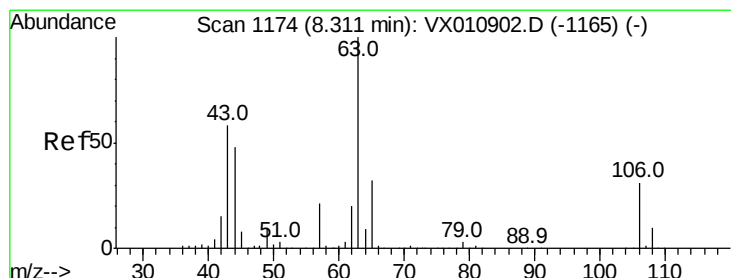
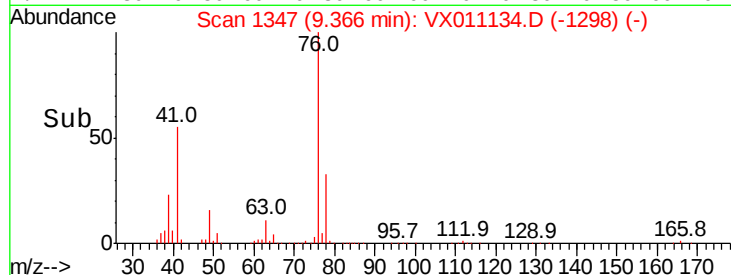
9.37

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 284.504 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011134.D

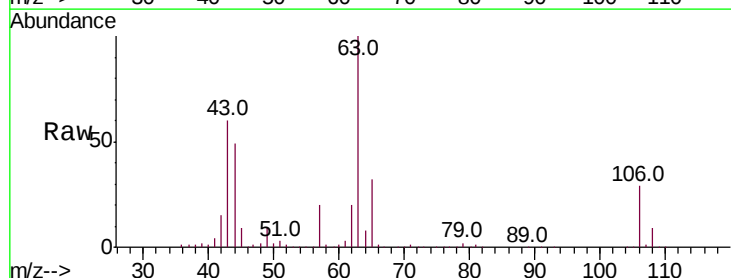
Acq: 29 Jul 2019 10:19

Tgt Ion: 63 Resp: 380013

Ion Ratio Lower Upper

63 100

106 30.1 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

250000

200000

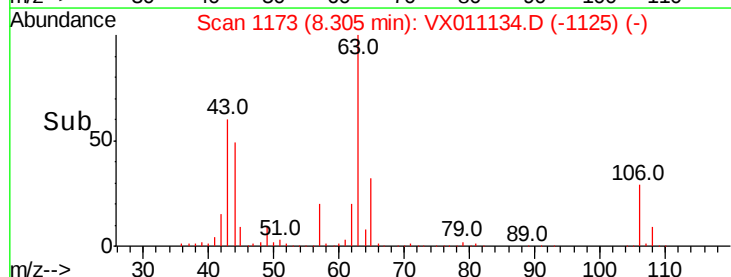
150000

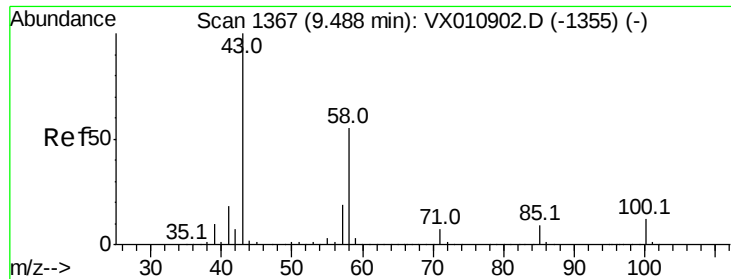
100000

50000

0

Time-->





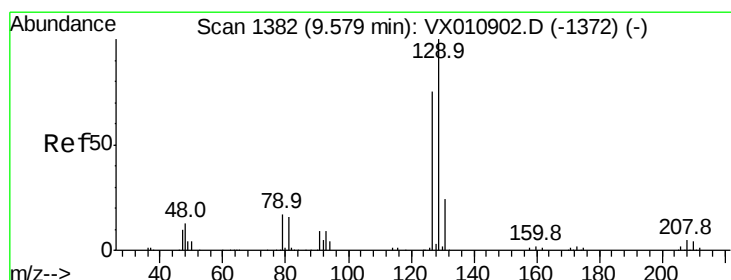
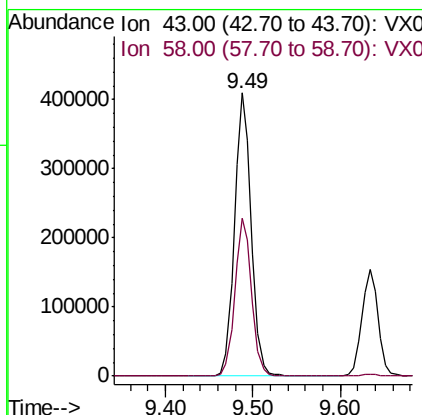
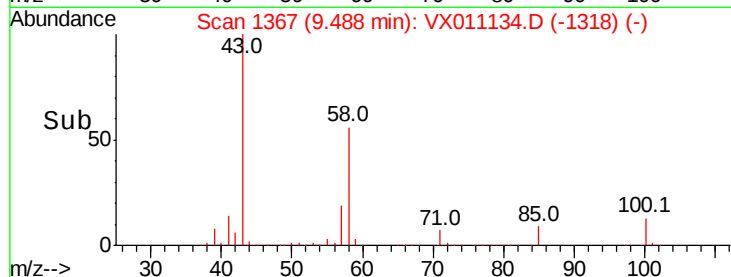
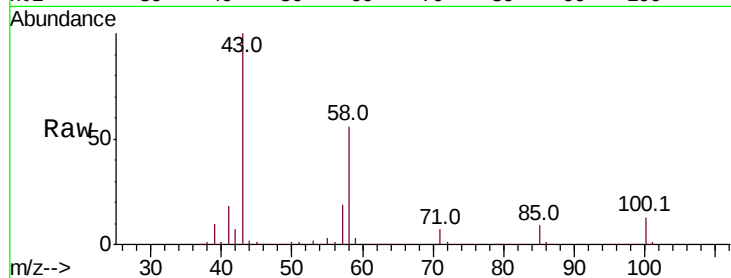
#59
2-Hexanone
Concen: 279.937 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 547112
Ion Ratio Lower Upper
43 100
58 55.7 28.0 83.9

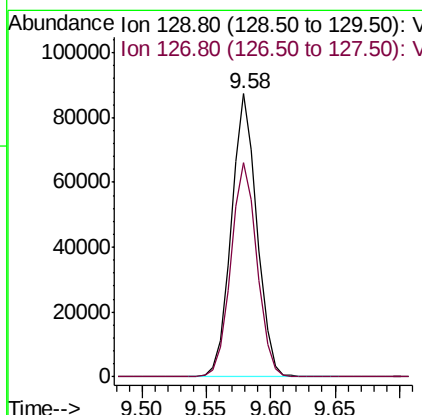
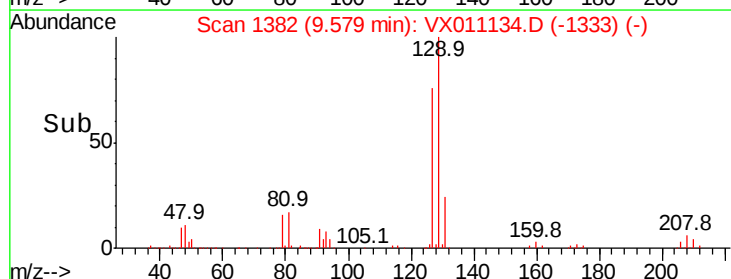
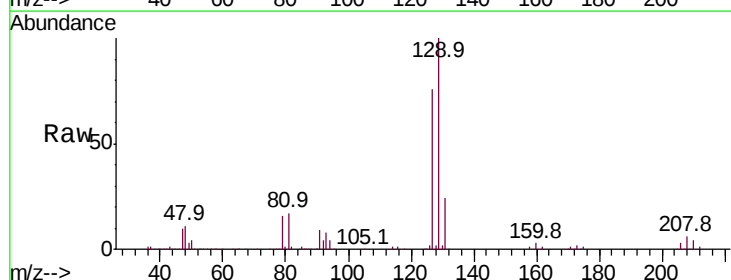
Manual Integrations
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#60
Dibromochloromethane
Concen: 54.699 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion: 129 Resp: 120971
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 56.374 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 114443

Ion Ratio Lower Upper

107 100

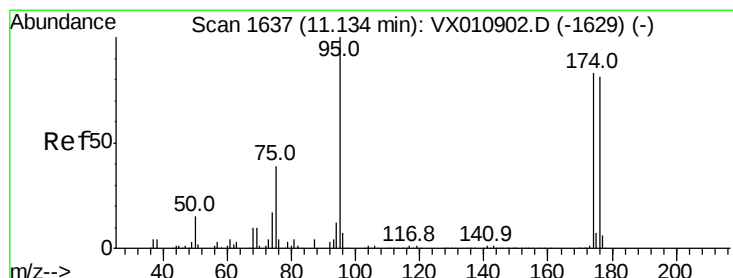
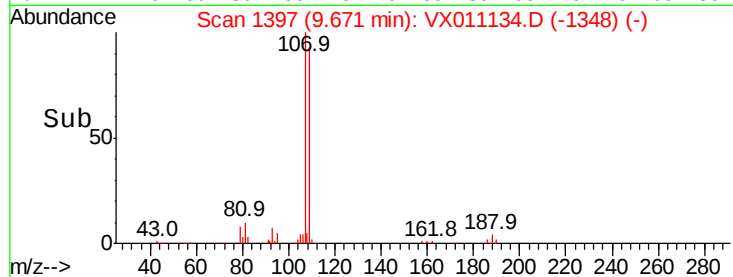
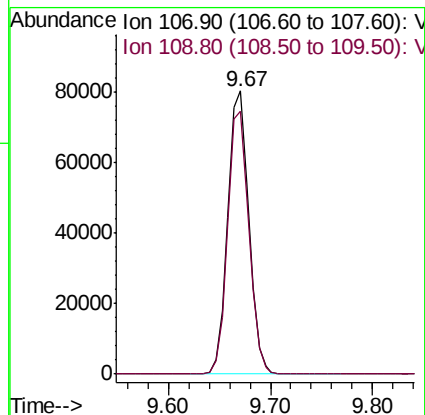
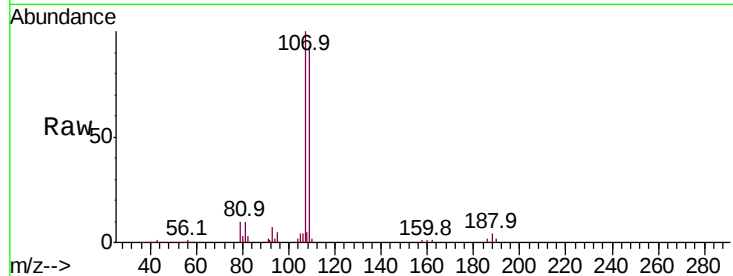
109 93.8 75.4 113.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 57.569 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

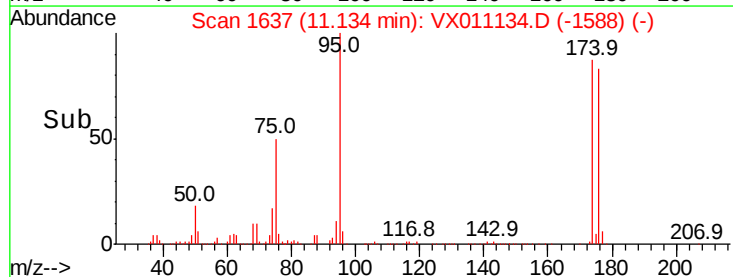
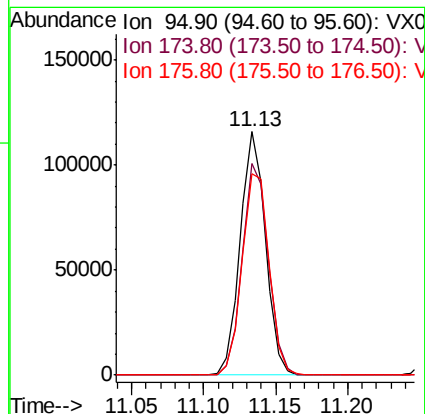
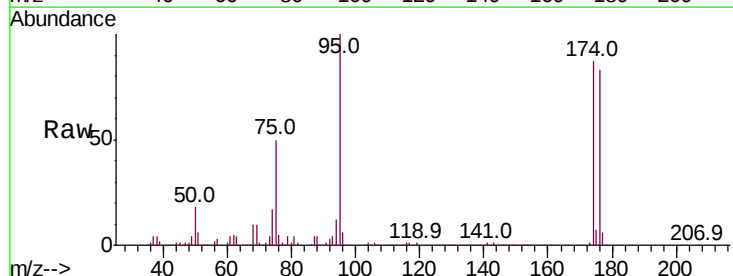
Tgt Ion: 95 Resp: 141587

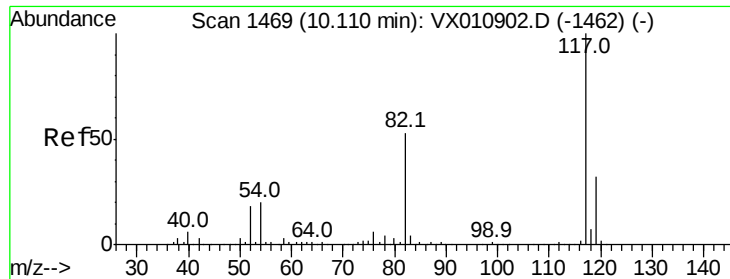
Ion Ratio Lower Upper

95 100

174 89.6 0.0 180.6

176 88.1 0.0 173.8





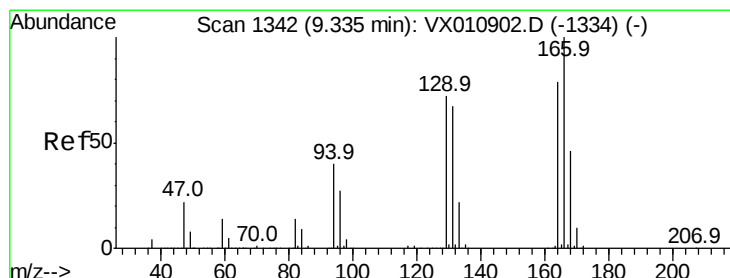
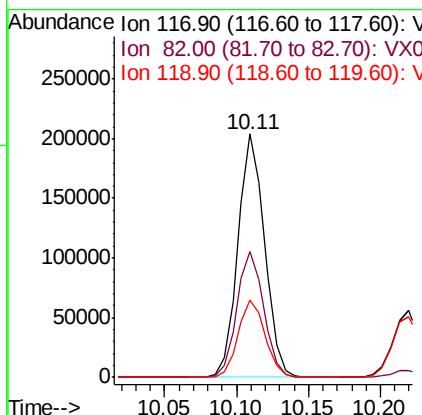
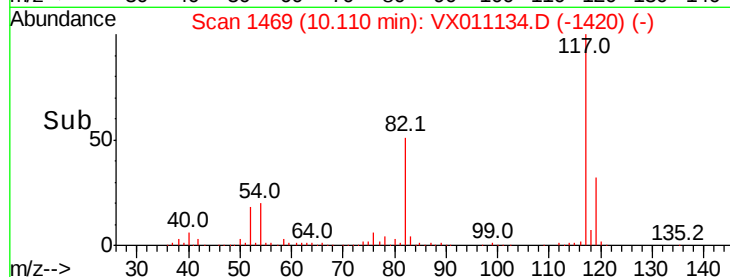
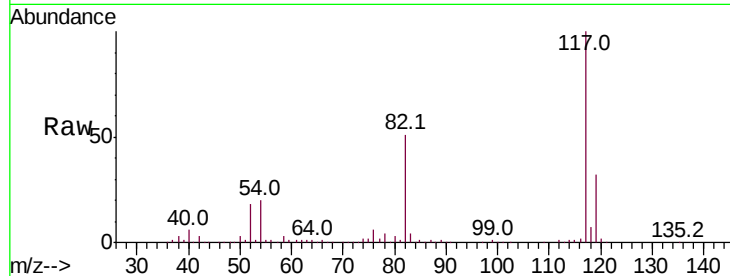
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	262680		
82	51.4	42.6	63.8	
119	31.5	25.9	38.9	

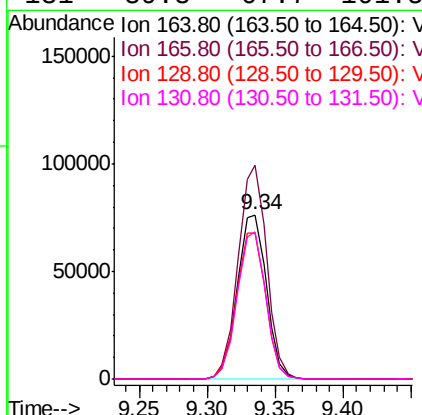
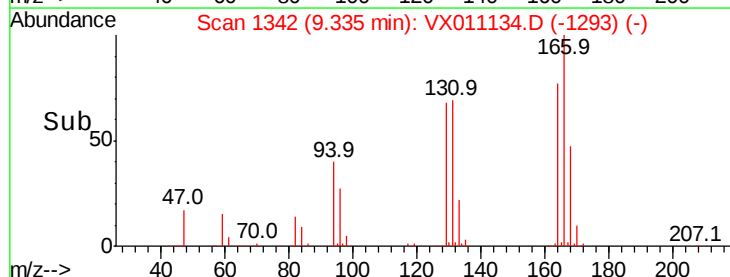
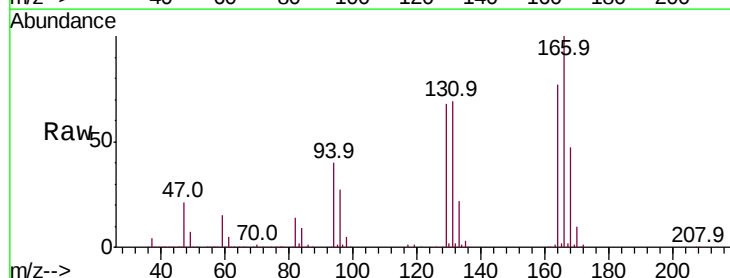
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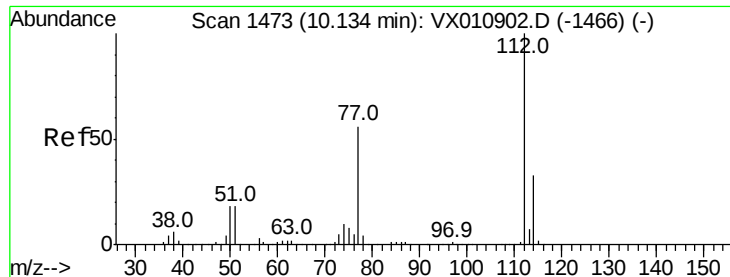
MMDadoda
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#64
Tetrachloroethene
Concen: 55.169 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	114005		
166	129.9	100.8	151.2	
129	88.6	72.6	109.0	
131	89.8	67.7	101.5	





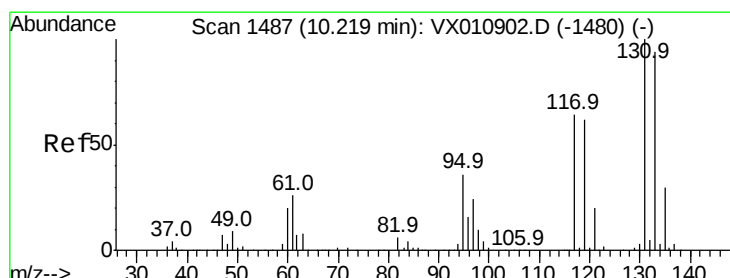
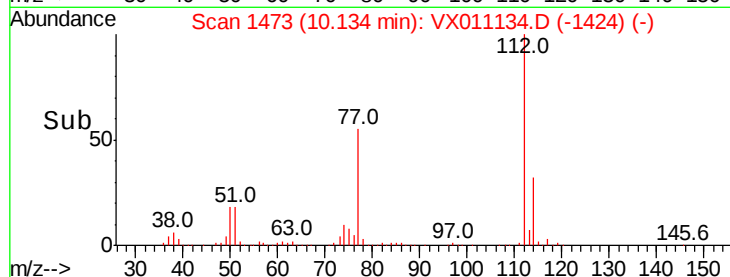
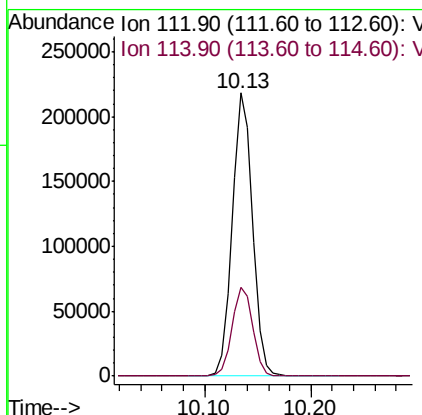
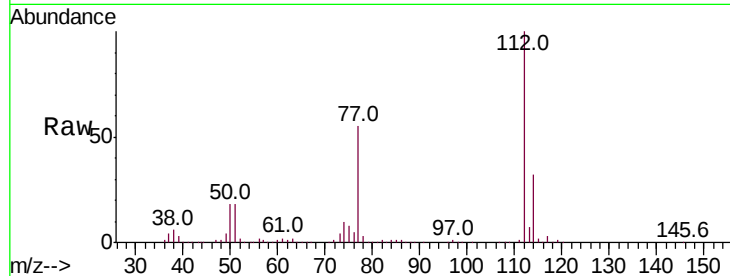
#65
Chlorobenzene
Concen: 54.097 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 291867
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4

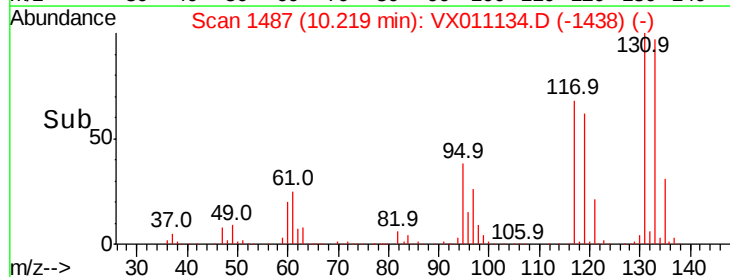
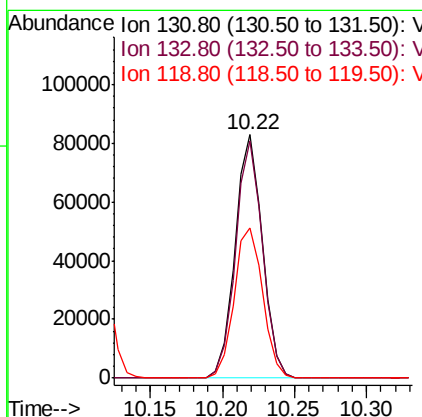
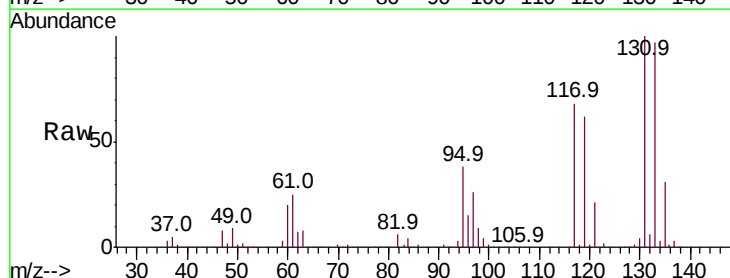
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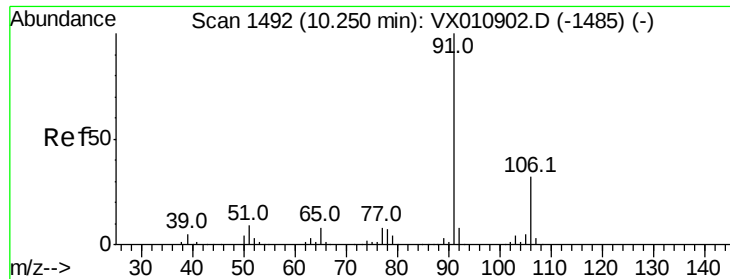
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.851 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion:131 Resp: 109696
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 64.4 31.9 95.7





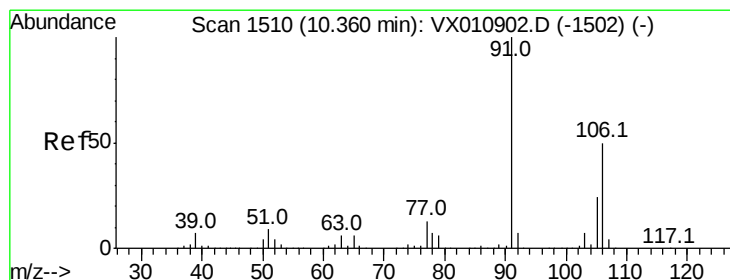
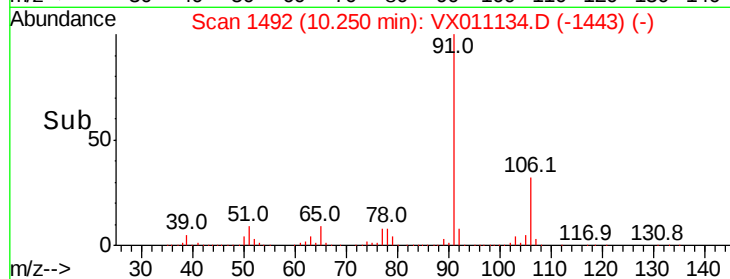
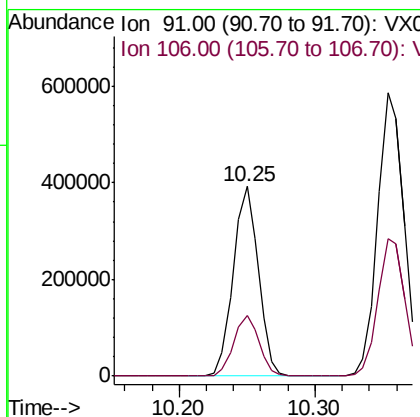
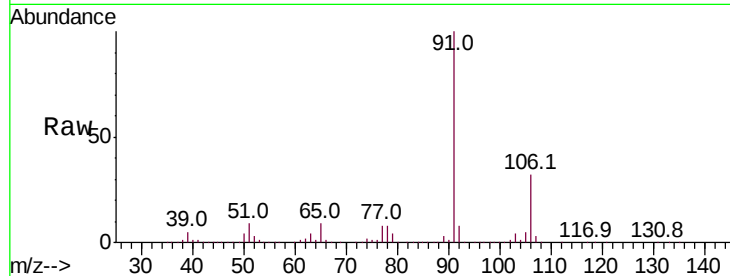
#67
Ethyl Benzene
Concen: 55.032 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 505376
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2

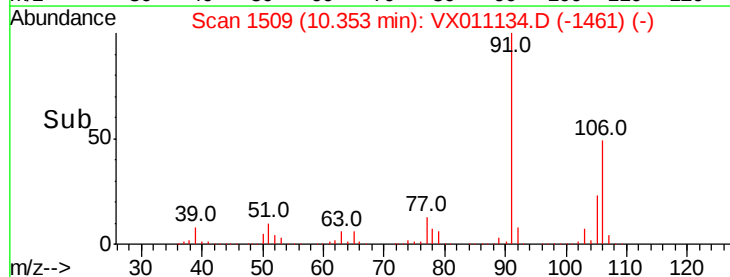
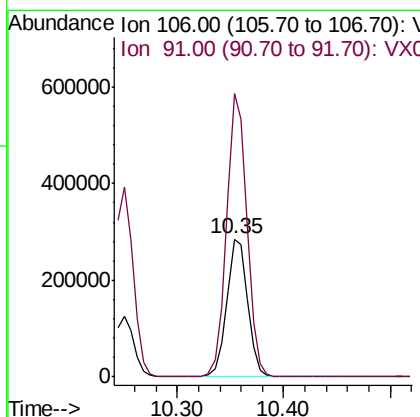
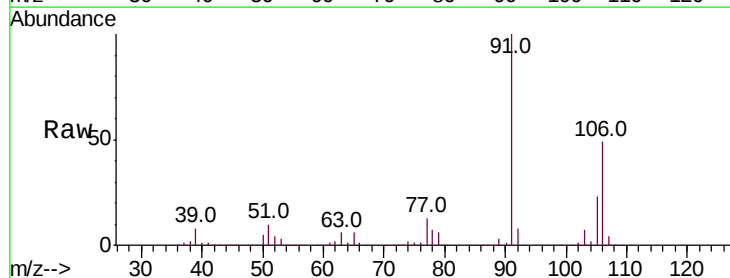
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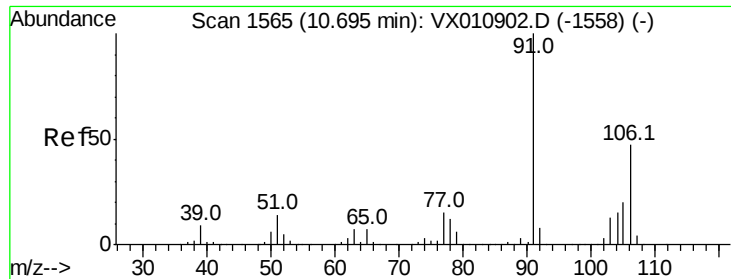
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#68
m/p-Xylenes
Concen: 110.781 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion: 106 Resp: 390244
Ion Ratio Lower Upper
106 100
91 201.2 160.1 240.1





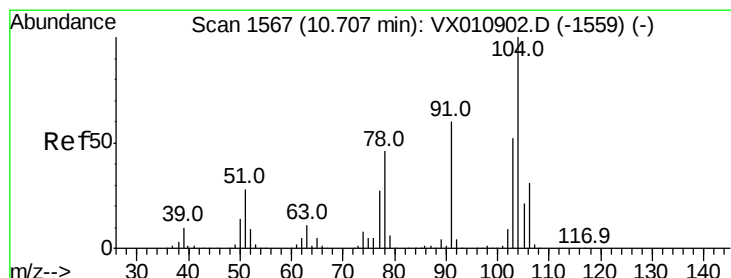
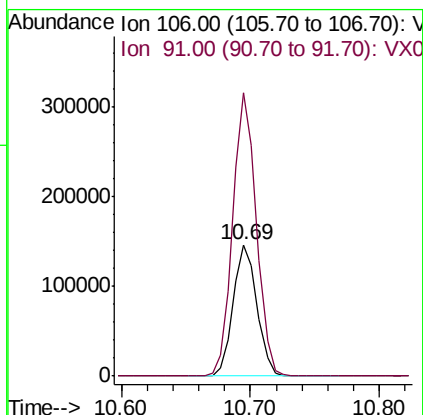
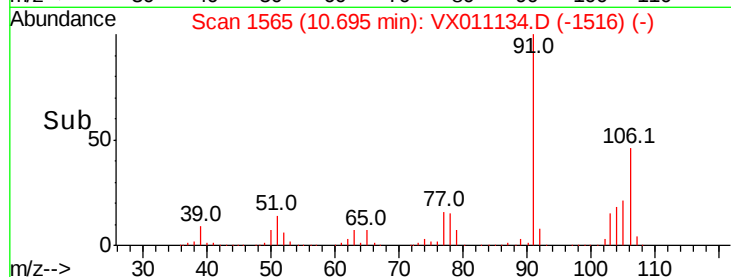
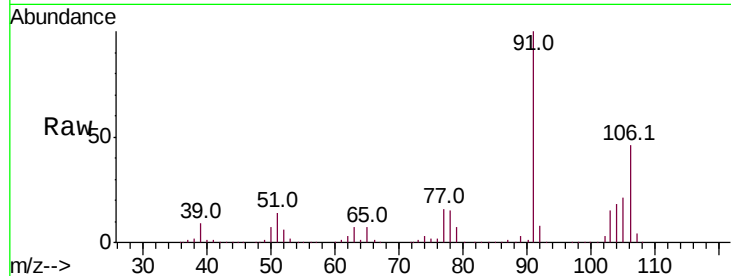
#69
o-Xylene
Concen: 55.033 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 189200
Ion Ratio Lower Upper
106 100
91 213.1 105.1 315.3

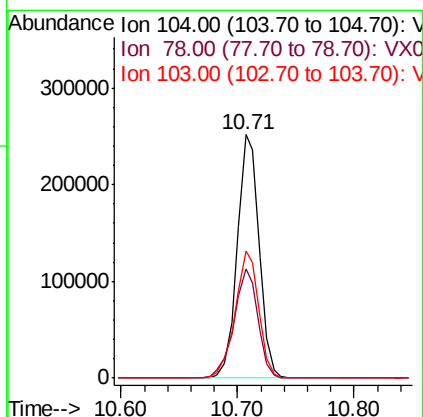
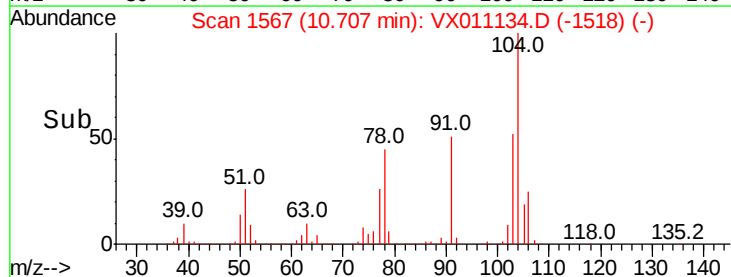
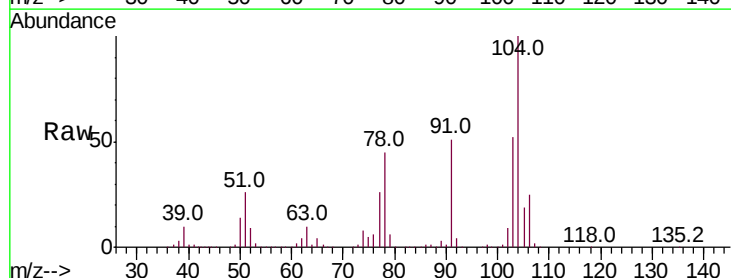
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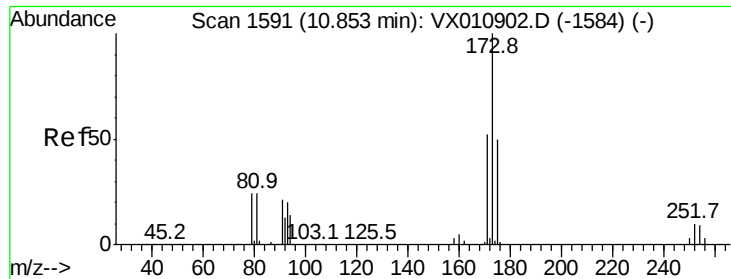
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#70
Styrene
Concen: 57.430 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion:104 Resp: 329133
Ion Ratio Lower Upper
104 100
78 49.2 38.8 58.2
103 56.1 44.2 66.4





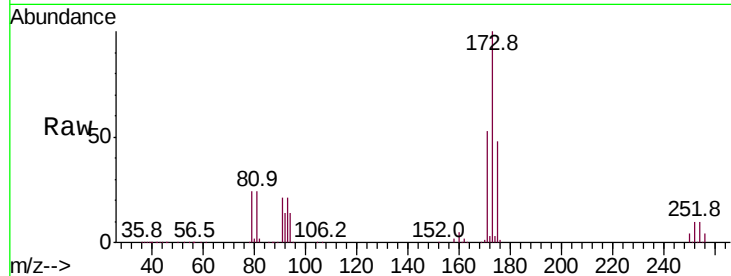
#71
Bromoform
Concen: 53.770 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

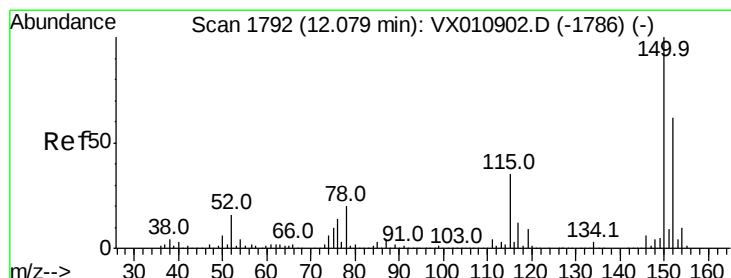
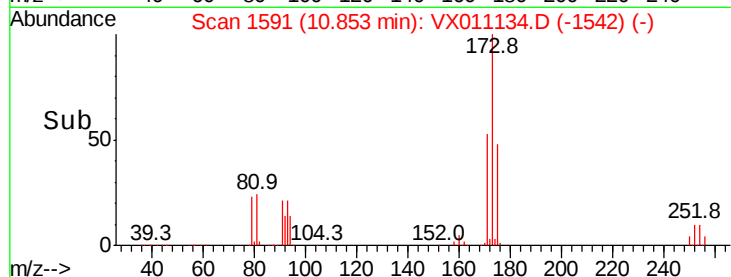
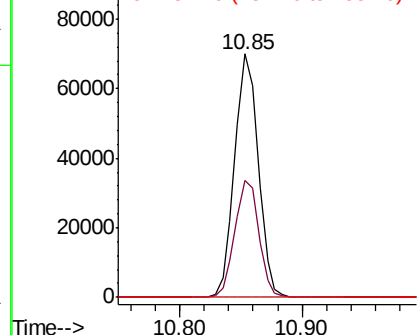
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.6	73.6
254	0.1	0.1	0.1

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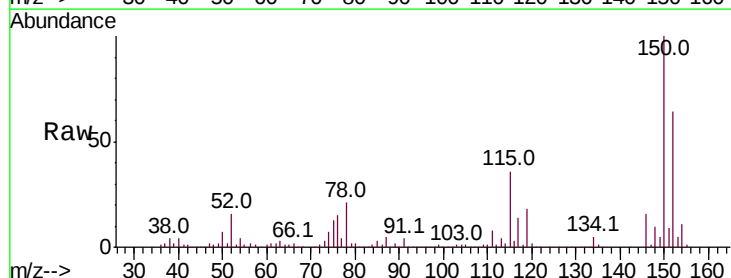


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

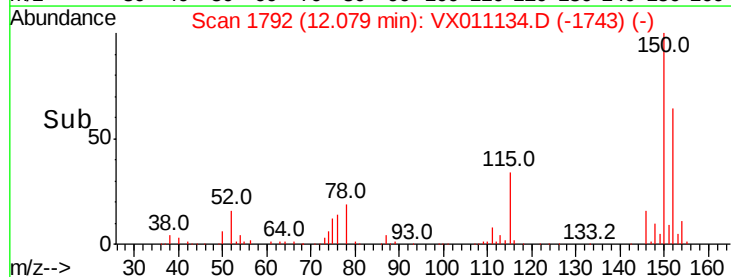
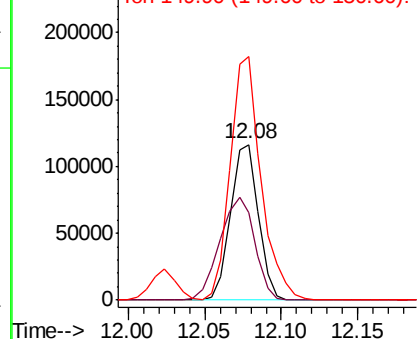


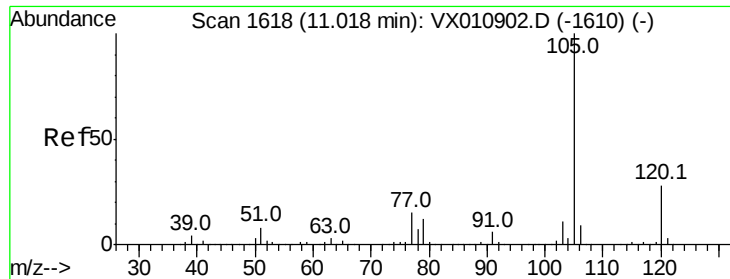
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.2	39.7	119.1
150	173.2	0.0	345.6



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





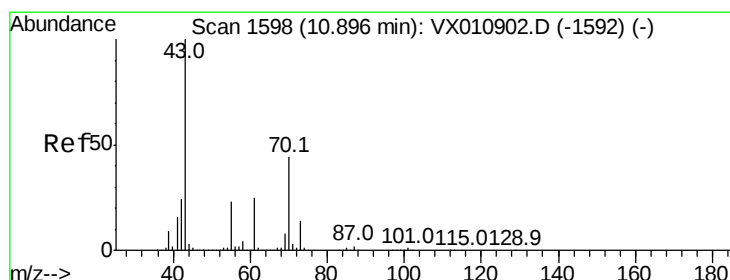
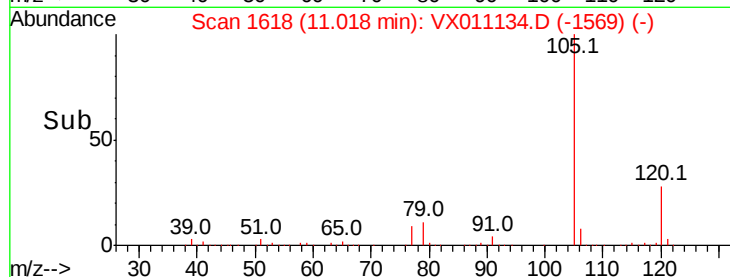
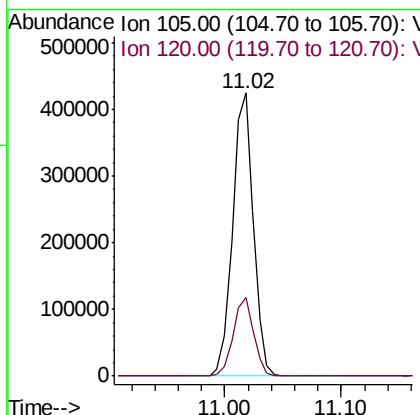
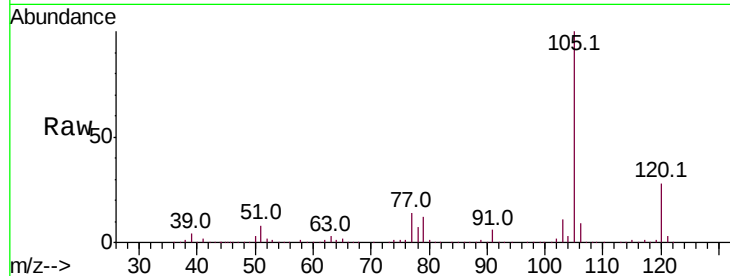
#73
Isopropylbenzene
Concen: 53.186 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 525628
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.1

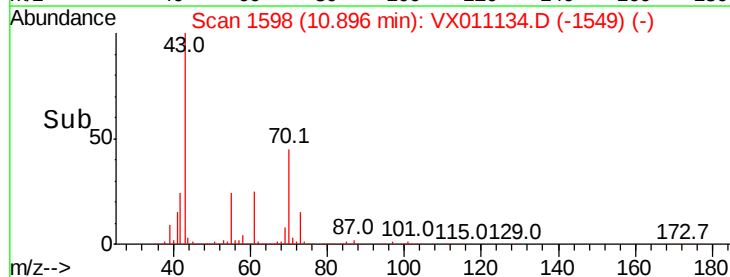
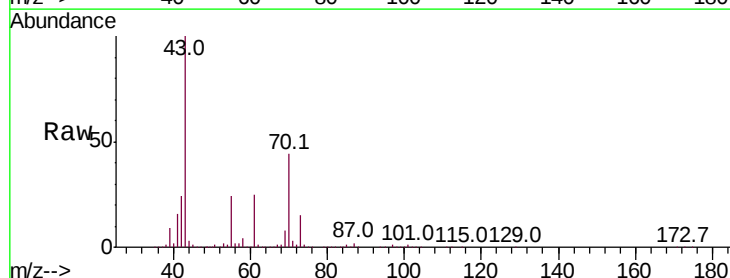
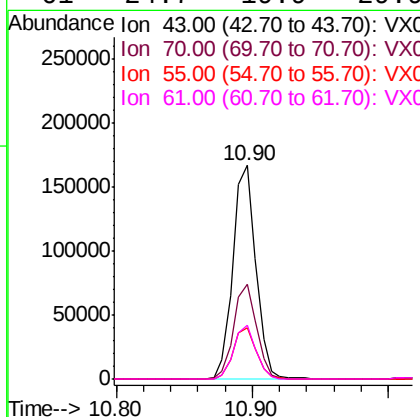
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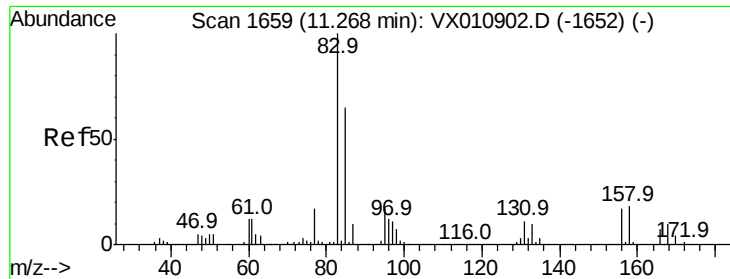
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#74
N-ethyl acetate
Concen: 51.872 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion: 43 Resp: 195877
Ion Ratio Lower Upper
43 100
70 44.3 34.7 52.1
55 24.4 19.1 28.7
61 24.7 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 51.643 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

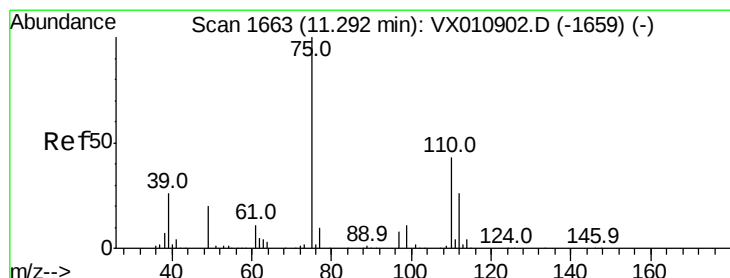
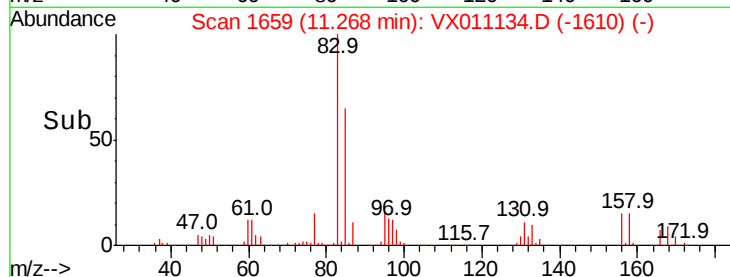
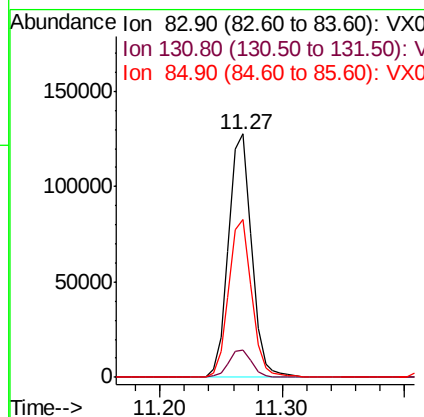
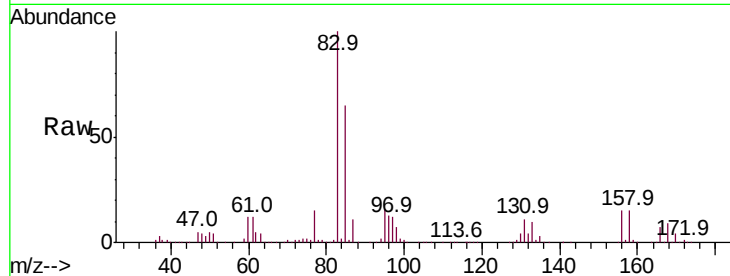
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	167024
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.4
85	64.8	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.920 ug/l m

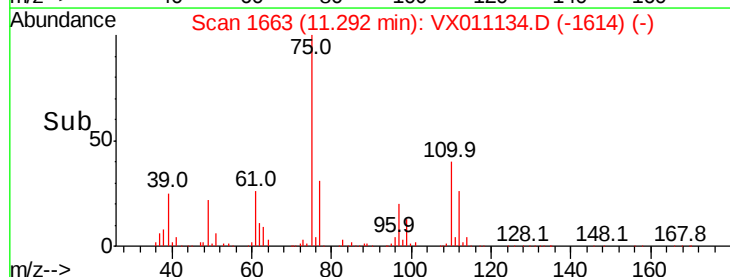
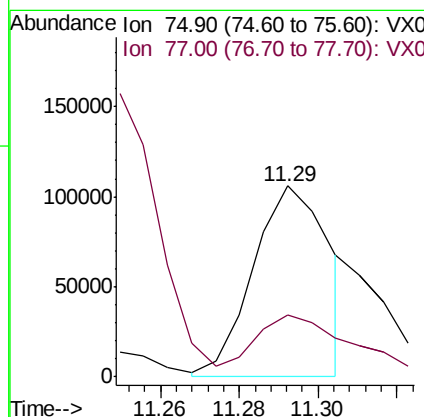
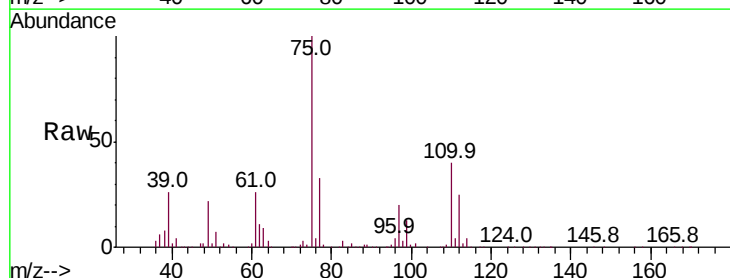
RT: 11.29 min Scan# 1663

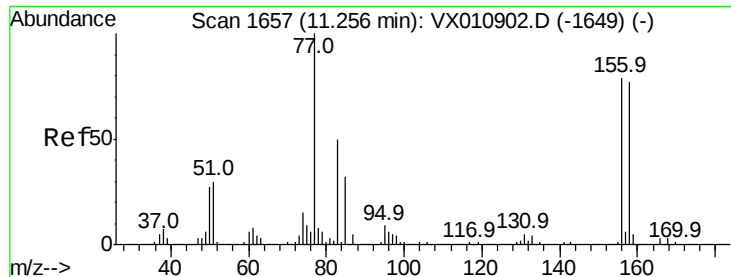
Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Tgt Ion:	75	Resp:	142315
Ion Ratio	Lower	Upper	
75	100		
77	42.1	21.3	64.0





#77

Bromobenzene

Concen: 52.096 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

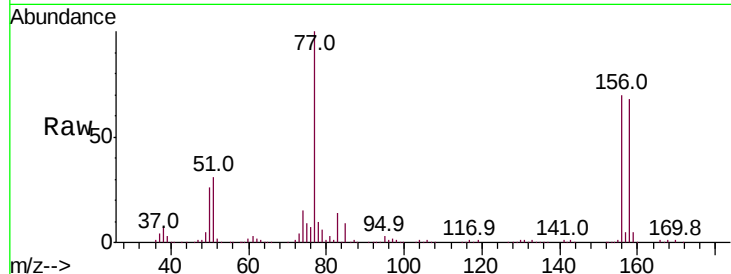
ClientSampleId :

VSTDCCC050

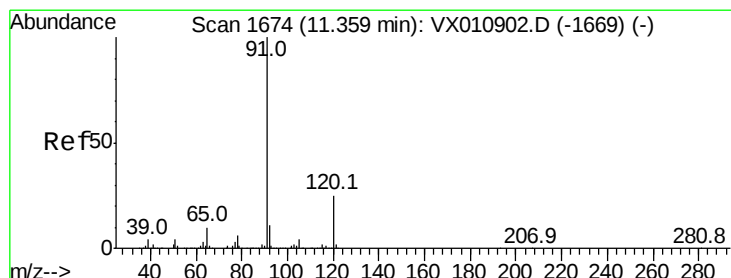
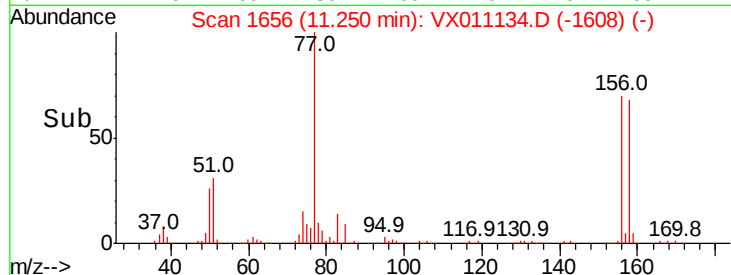
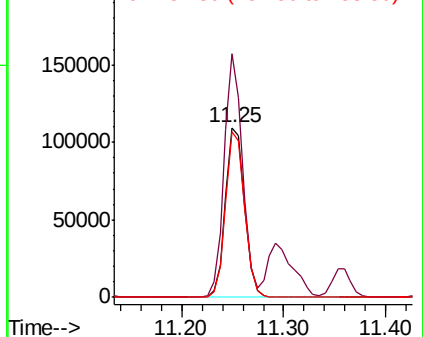
Tot Ion:	156	Resp:	142016
Ion	Ratio	Lower	Upper
156	100		
77	137.5	68.7	206.1
158	96.7	47.9	143.7

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.625 ug/l

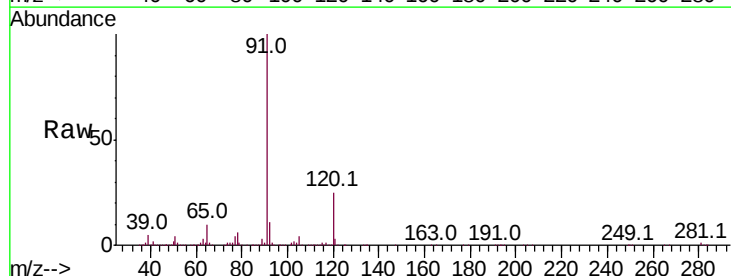
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

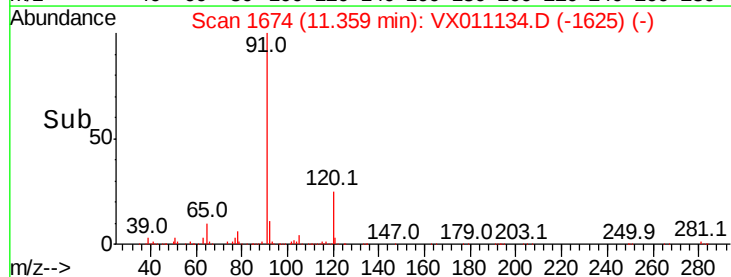
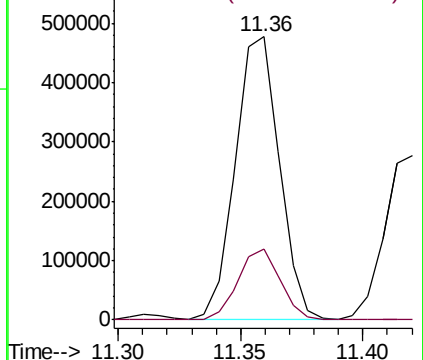
Lab File: VX011134.D

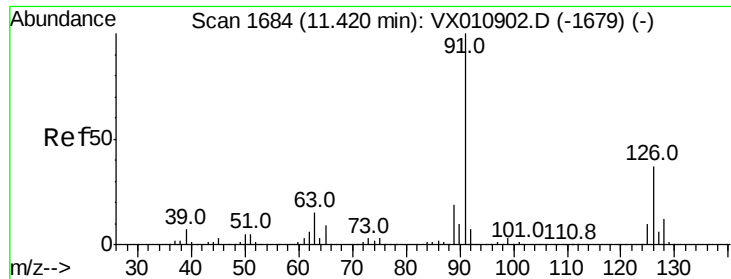
Acq: 29 Jul 2019 10:19

Tgt Ion:	91	Resp:	596488
Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.3	36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.566 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050

Tot Ion: 91 Resp: 351377

Ion Ratio Lower Upper

91 100

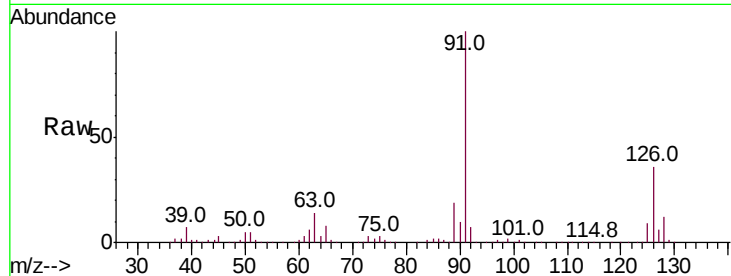
126 36.0 18.0 54.0

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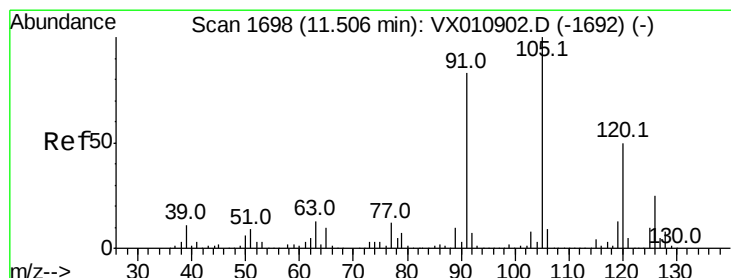
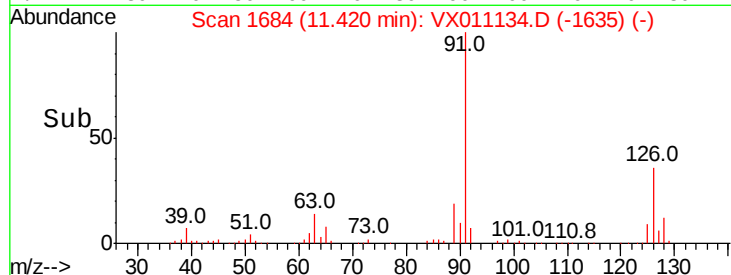
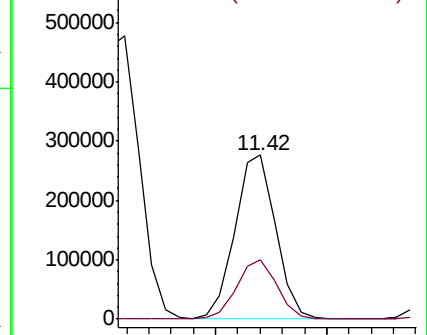
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.404 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011134.D

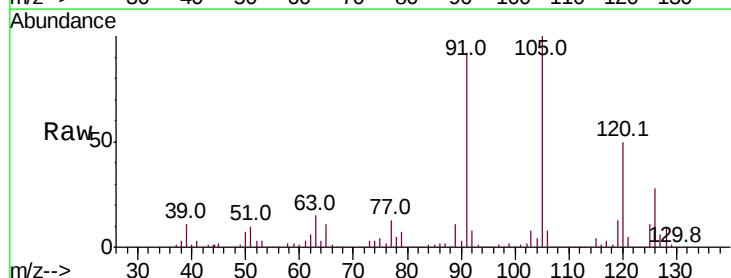
Acq: 29 Jul 2019 10:19

Tgt Ion: 105 Resp: 449276

Ion Ratio Lower Upper

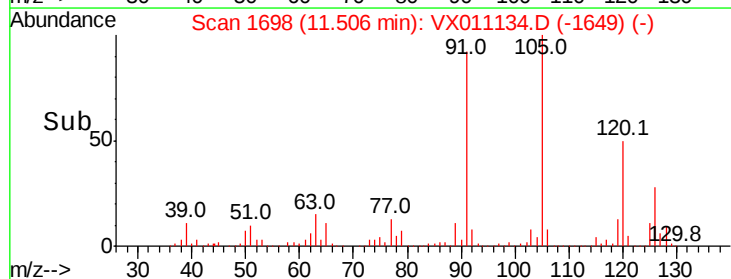
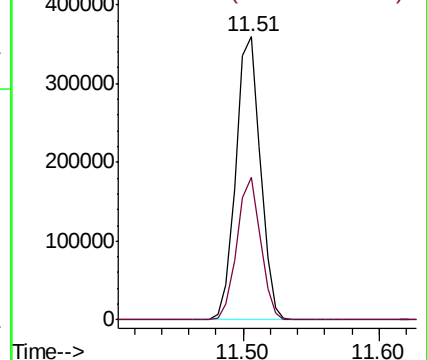
105 100

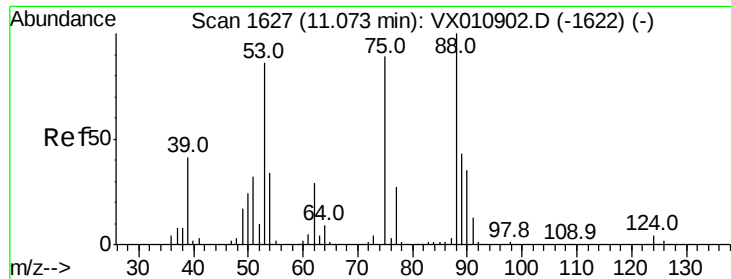
120 48.8 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





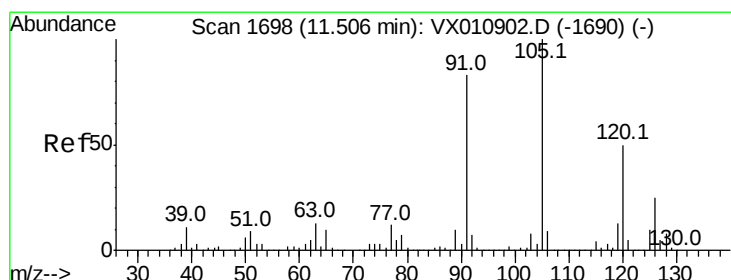
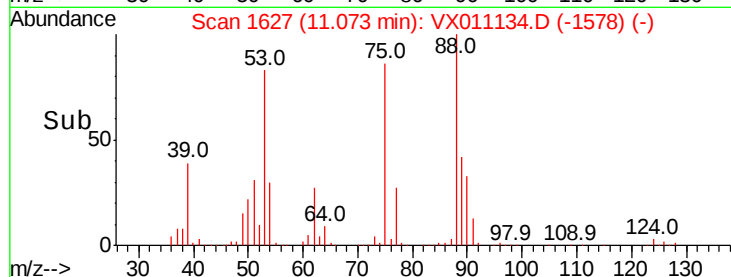
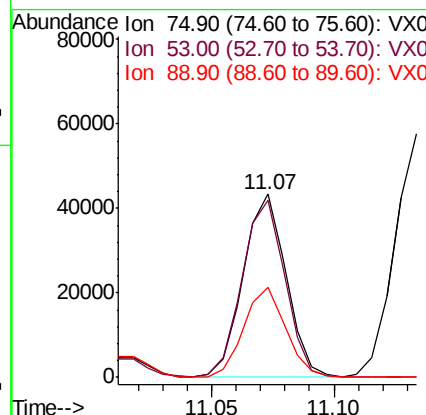
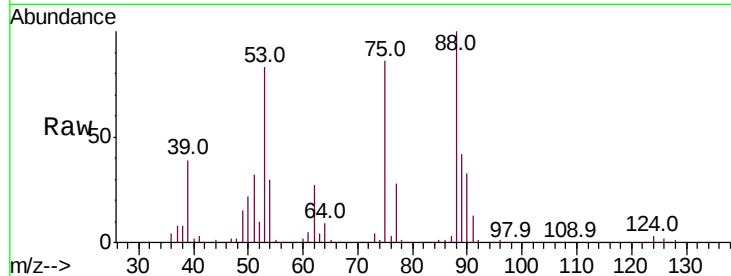
#81
trans-1,4-Dichloro-2-butene
Concen: 50.348 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.3	76.7	115.1
89	48.9	38.5	57.7

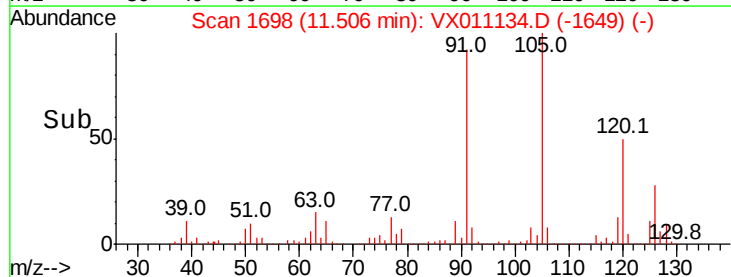
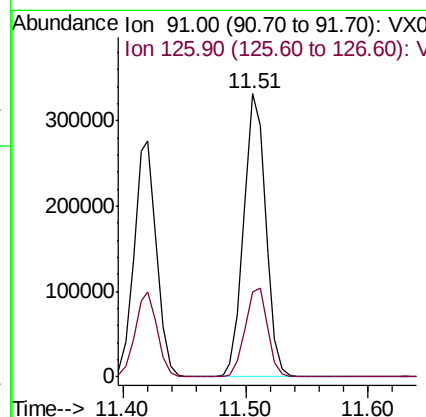
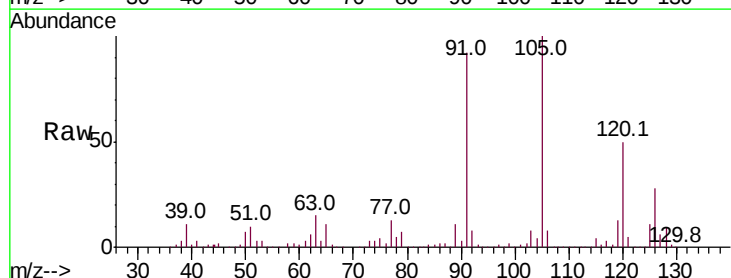
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#82
4-Chlorotoluene
Concen: 53.841 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	15.9	47.7





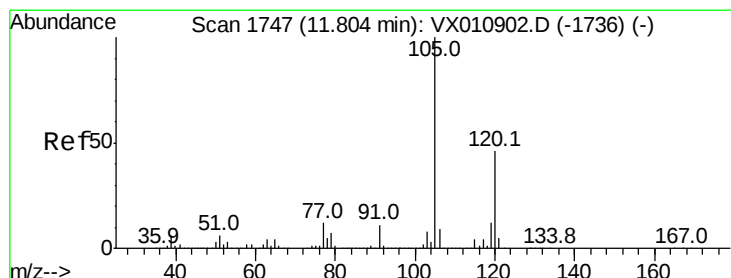
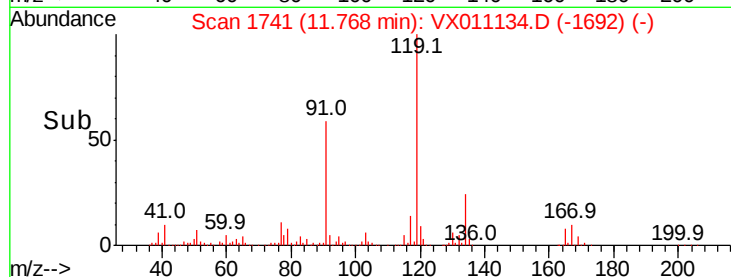
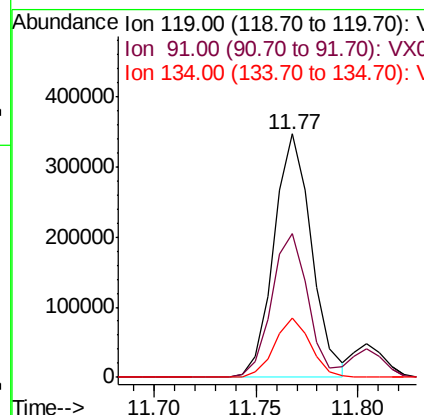
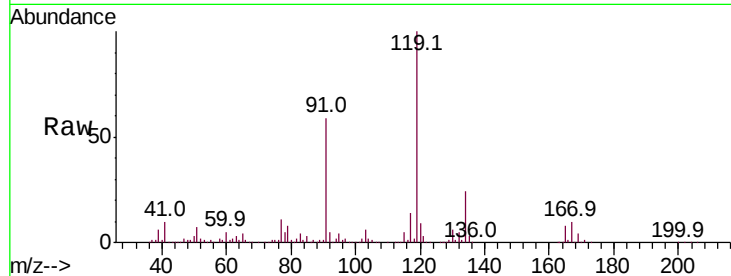
#83
tert-Butylbenzene
Concen: 55.056 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.6	28.6	85.8
134	23.2	11.6	34.8

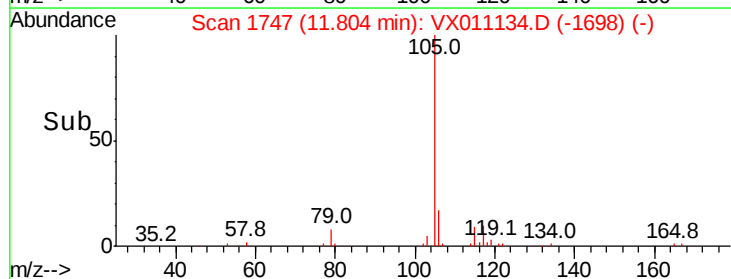
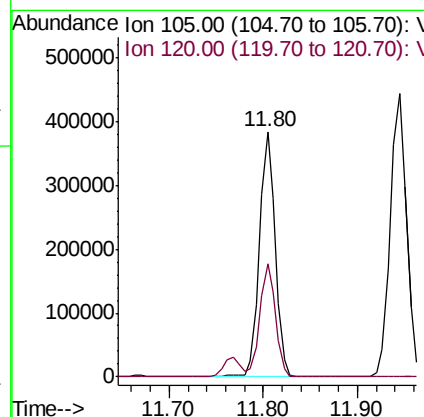
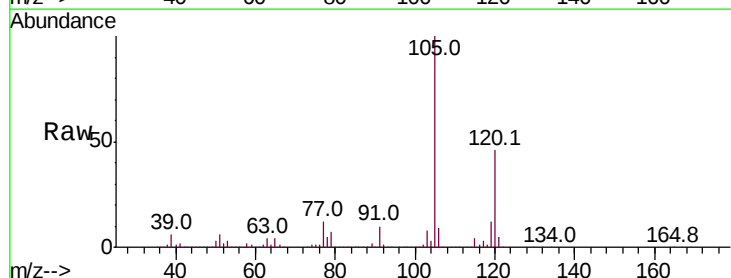
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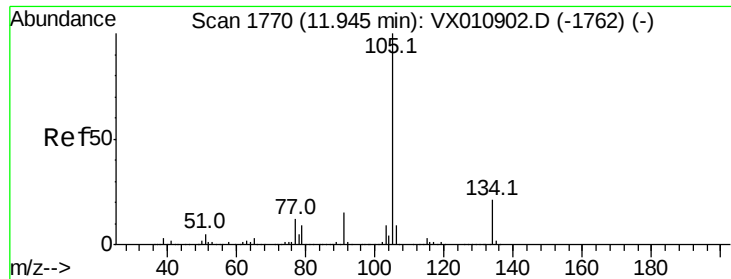
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#84
1,2,4-Trimethylbenzene
Concen: 54.846 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.9	68.5





#85

sec-Butylbenzene

Concen: 56.066 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 532883

Ion Ratio Lower Upper

105 100

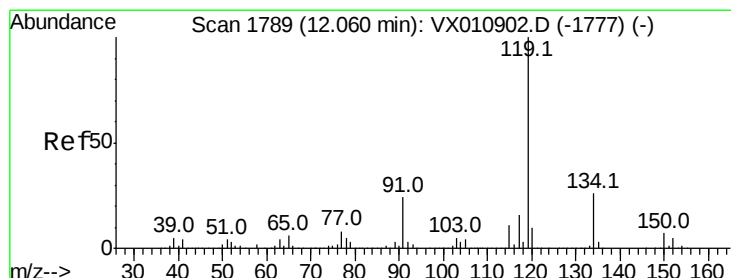
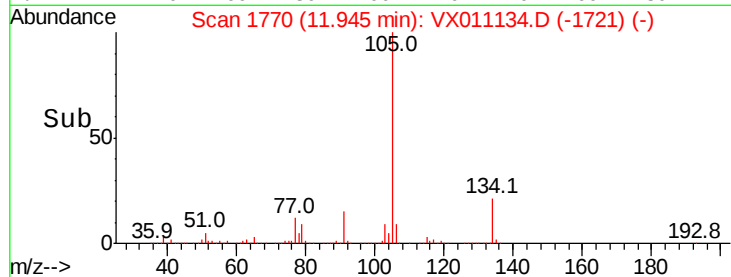
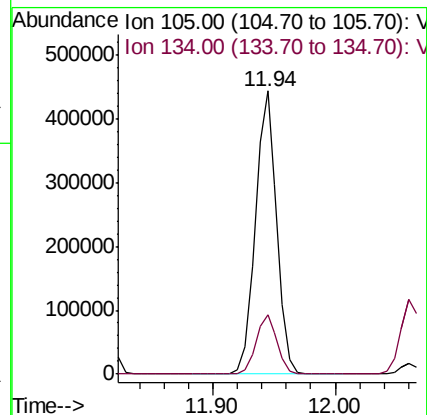
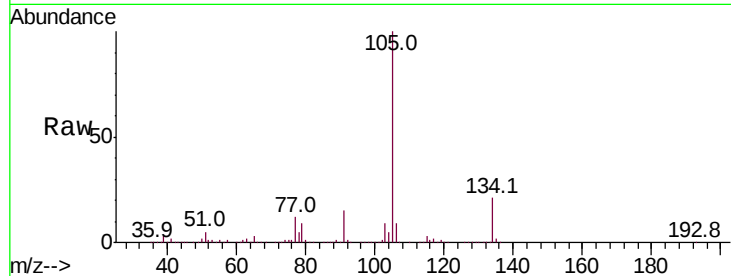
134 21.0 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 57.017 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

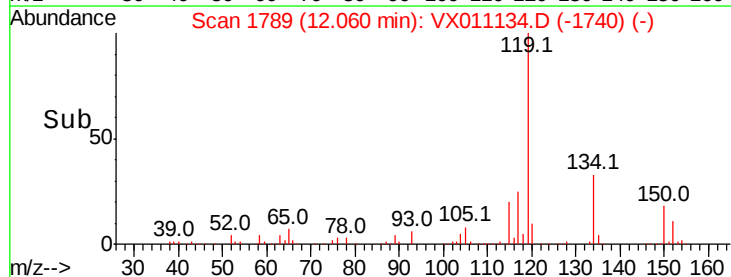
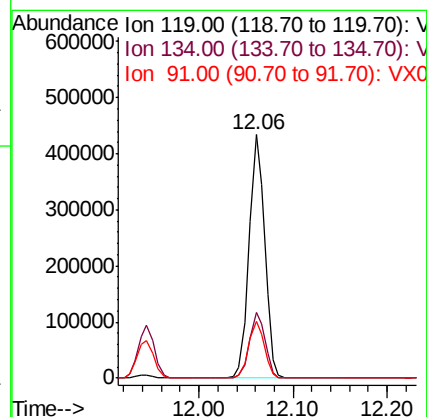
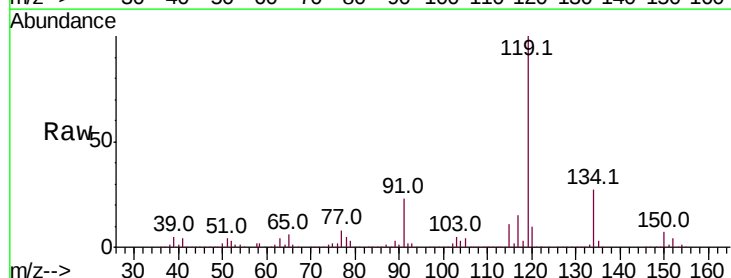
Tgt Ion:119 Resp: 501005

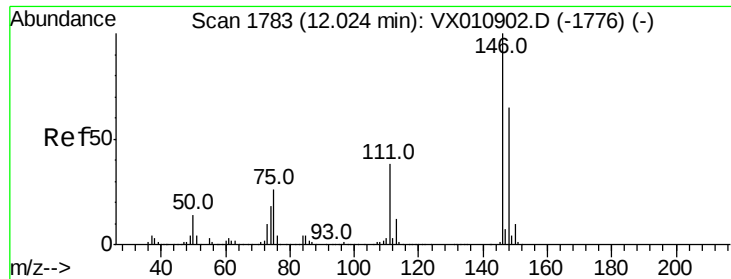
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.4 11.8 35.4





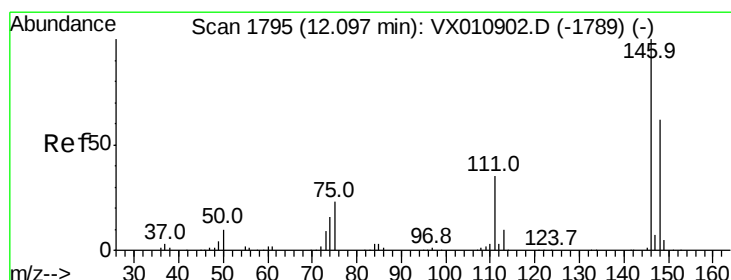
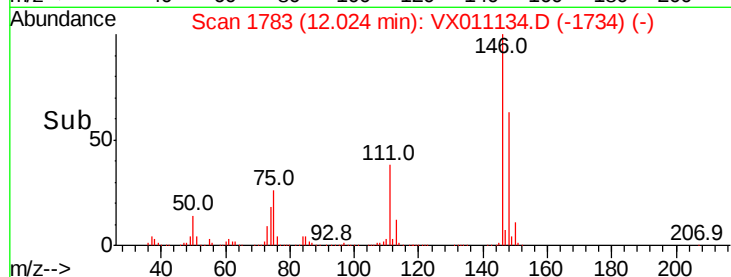
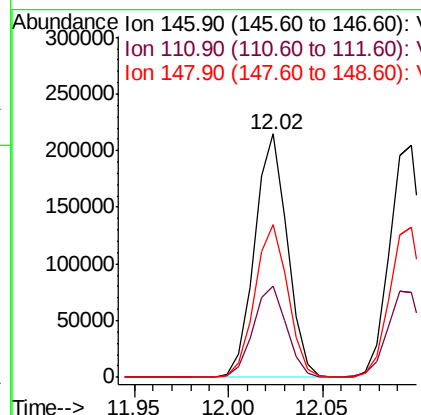
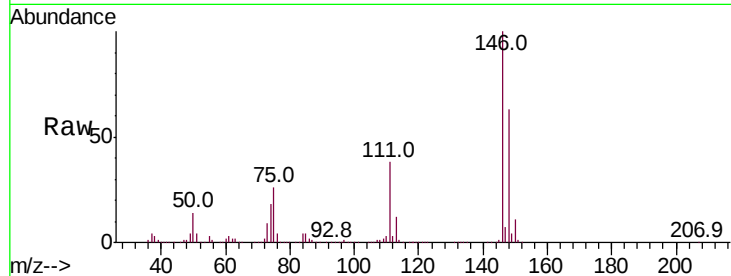
#87
 1,3-Dichlorobenzene
 Concen: 54.596 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	258282		
111	38.0	18.9	56.9	
148	63.3	32.2	96.6	

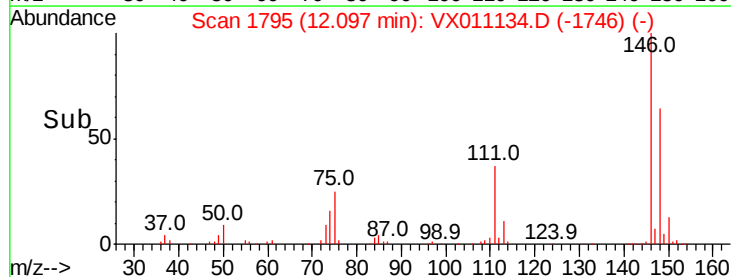
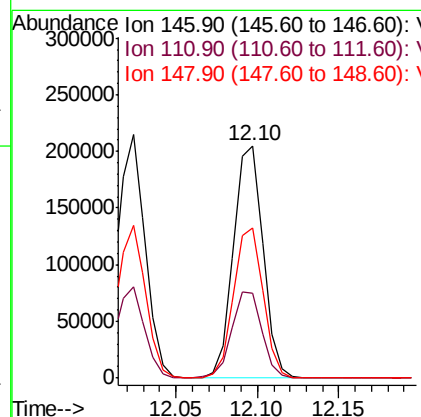
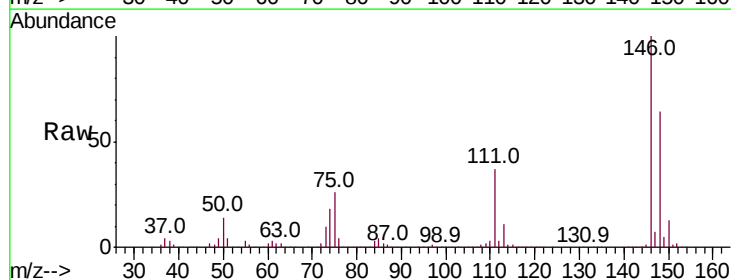
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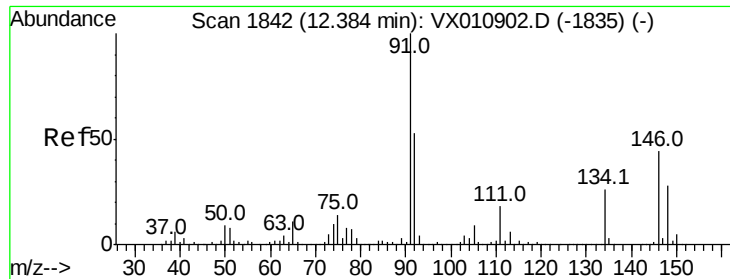
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#88
 1,4-Dichlorobenzene
 Concen: 53.262 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	258423		
111	37.9	18.6	55.8	
148	64.6	31.6	94.7	





#89

n-Butylbenzene

Concen: 58.554 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

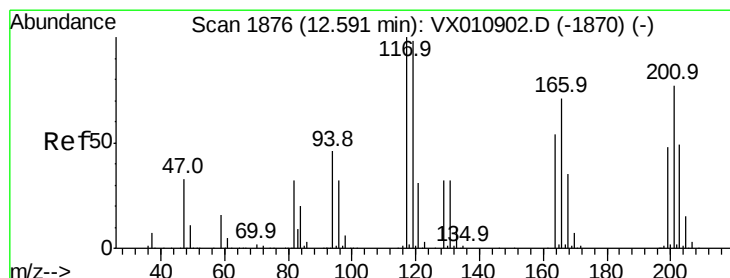
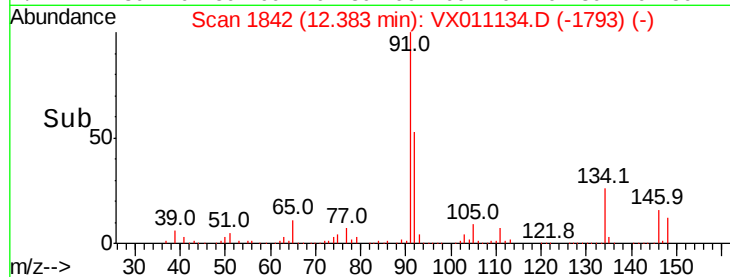
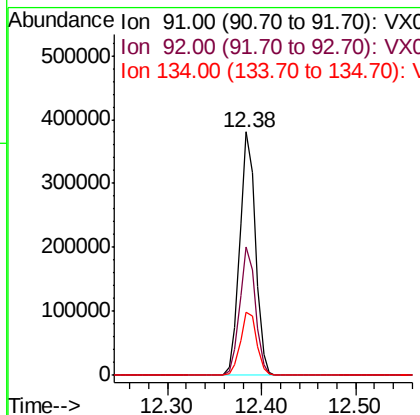
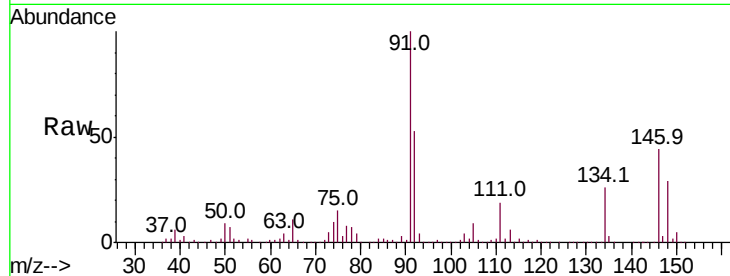
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	440175
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	27.2	13.8	41.3

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#90

Hexachloroethane

Concen: 58.094 ug/l

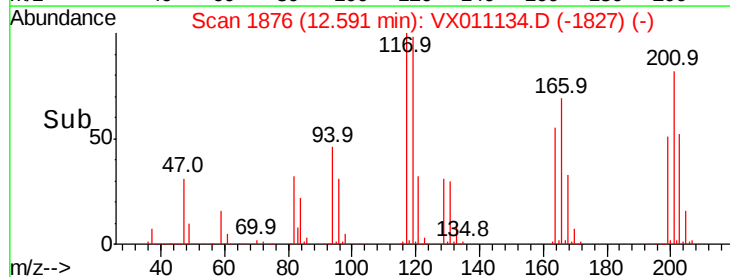
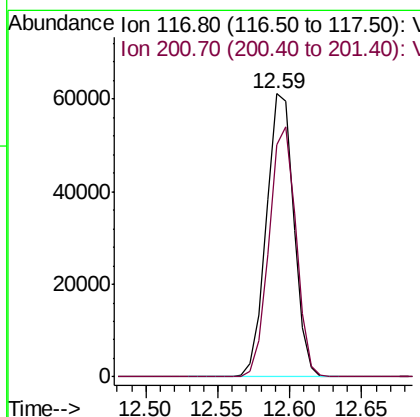
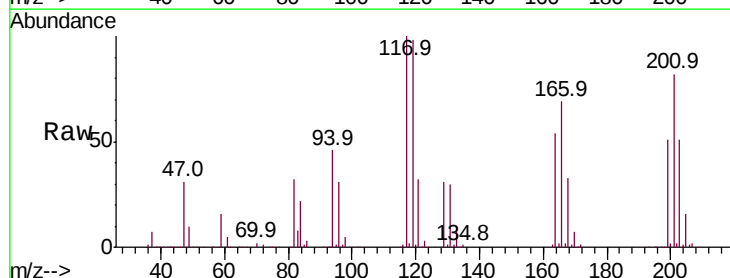
RT: 12.59 min Scan# 1876

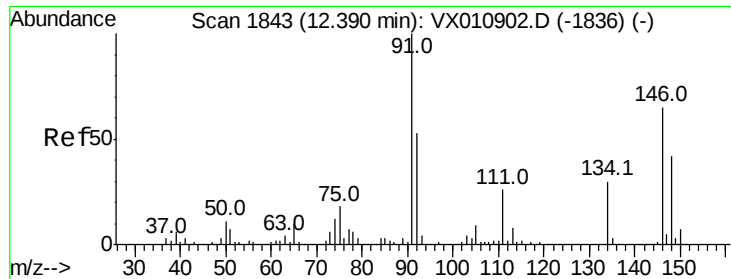
Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Tgt Ion:	117	Resp:	80515
Ion	Ratio	Lower	Upper
117	100		
201	86.9	43.3	129.8





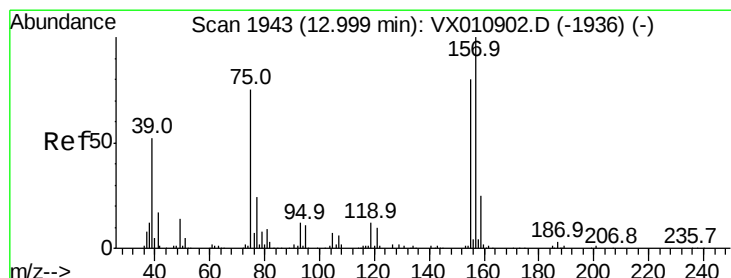
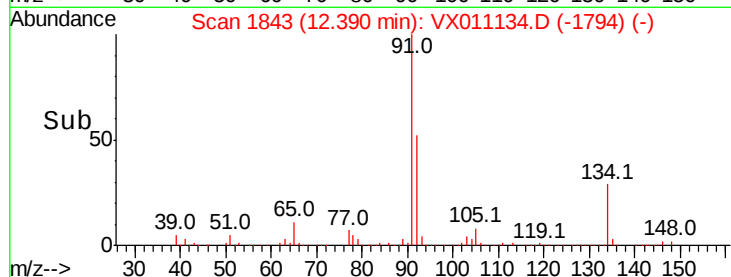
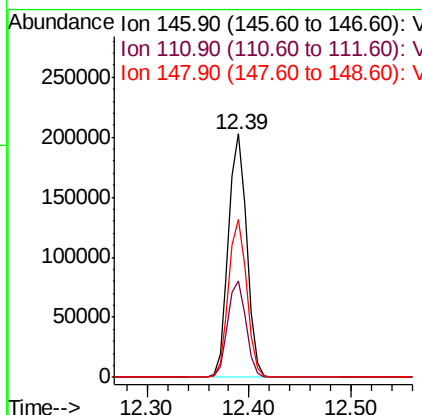
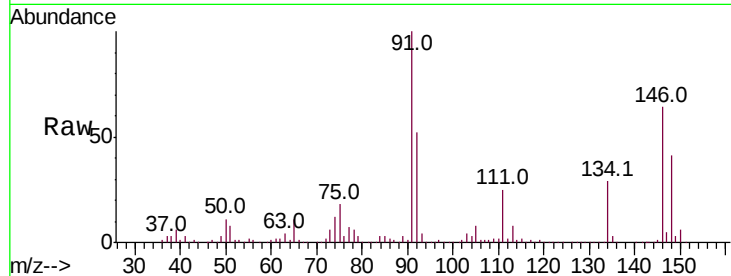
#91
 1,2-Dichlorobenzene
 Concen: 53.514 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.7
148	64.3	32.0	96.2

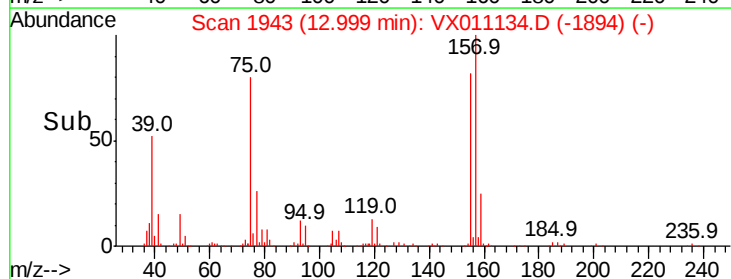
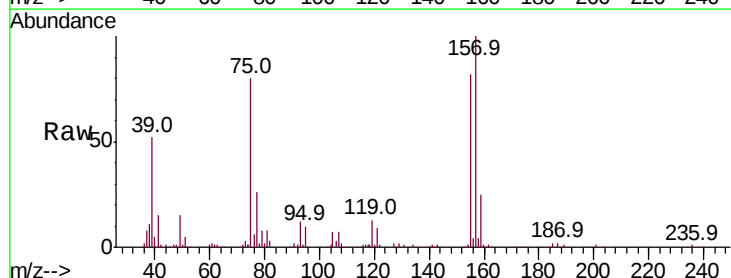
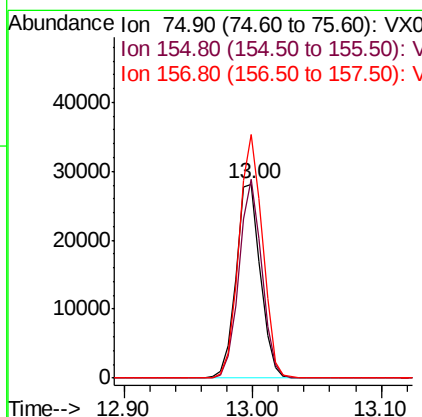
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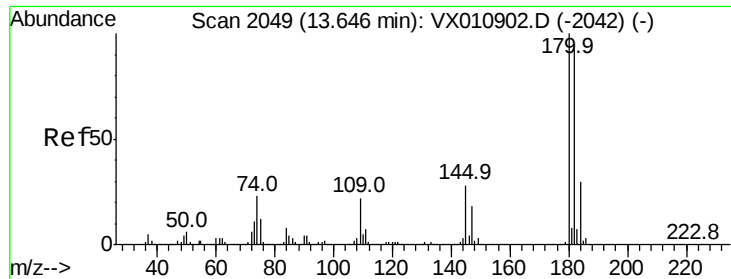
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.977 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	48.7	146.1
157	120.4	62.5	187.6





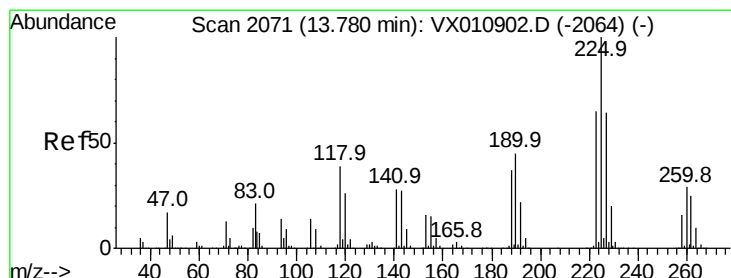
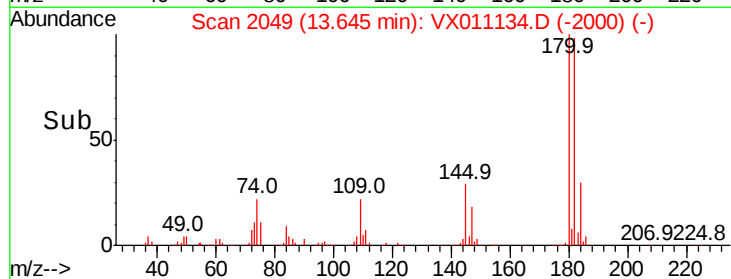
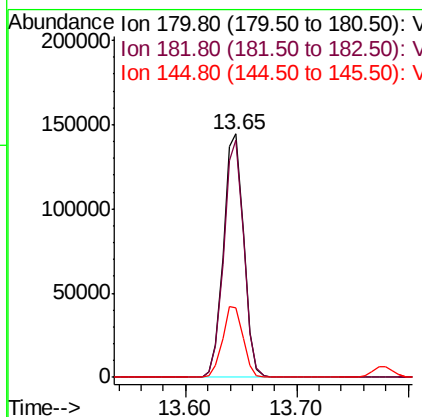
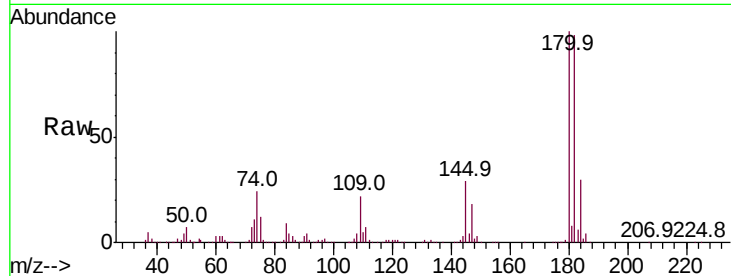
#93
 1,2,4-Trichlorobenzene
 Concen: 57.075 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.1	47.1	141.3	
145	29.6	14.8	44.4	

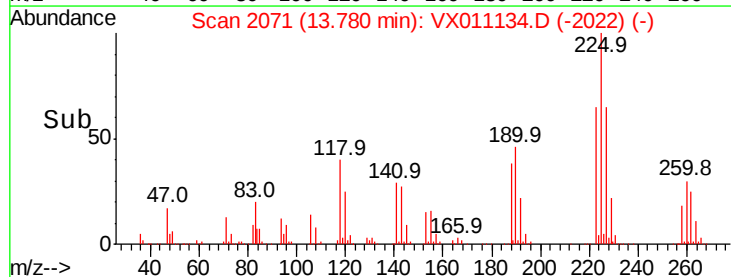
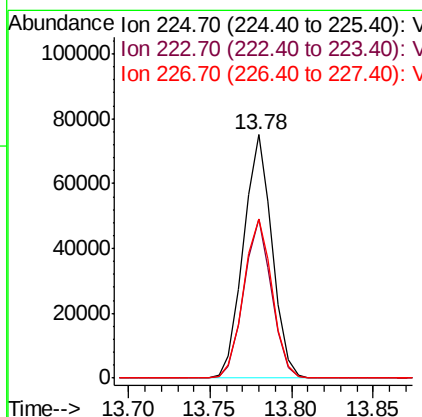
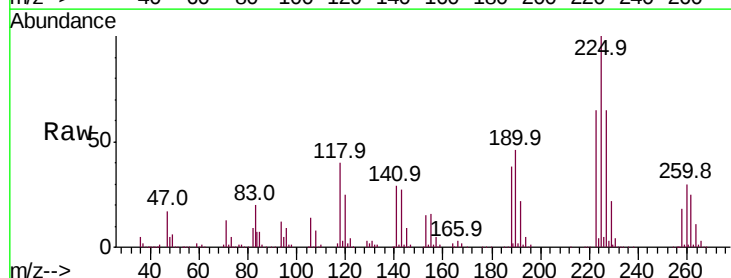
Manual Integrations
 APPROVED

MMDadoda
 7/30/2019 11:08:53 AM



#94
 Hexachlorobutadiene
 Concen: 58.336 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	31.9	95.9	
227	65.3	32.5	97.4	





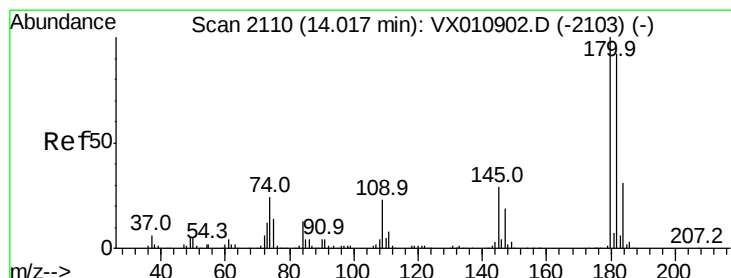
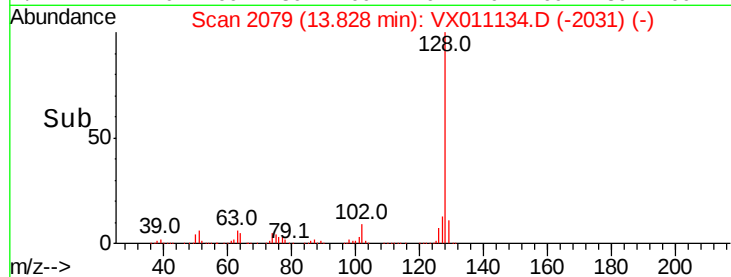
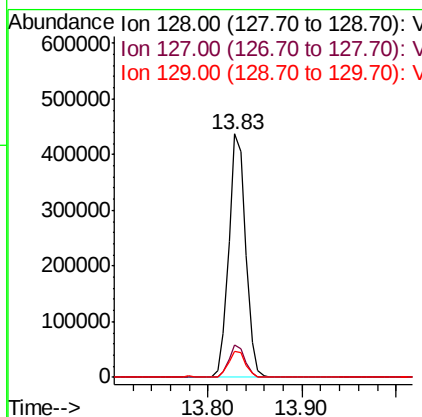
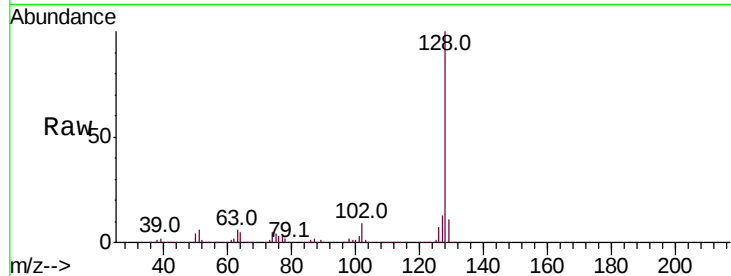
#95
Naphthalene
Concen: 57.765 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	542010		
127	12.9		10.4	15.6
129	11.0		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/30/2019 11:08:53 AM



#96
1,2,3-Trichlorobenzene
Concen: 57.796 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	182726		
182	93.6		47.4	142.3
145	31.0		15.1	45.3

