

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072619\
 Data File : VX011106.D
 Acq On : 26 Jul 2019 21:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 11:53:29 AM

Quant Time: Jul 27 04:07:55 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	192795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	292866	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	147566	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108730	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
35) Dibromofluoromethane	5.50	113	97853	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
50) Toluene-d8	8.71	98	358346	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.13	95	139882	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	92547	45.072	ug/l 99
3) Chloromethane	1.32	50	83327	47.000	ug/l 99
4) Vinyl Chloride	1.41	62	88898	49.159	ug/l 100
5) Bromomethane	1.64	94	45659	44.805	ug/l 98
6) Chloroethane	1.71	64	56594	49.246	ug/l 98
7) Trichlorofluoromethane	1.92	101	156437	51.104	ug/l 99
8) Diethyl Ether	2.19	74	52818	50.078	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	84720	48.471	ug/l 98
10) Methyl Iodide	2.51	142	104980	45.770	ug/l 100
11) Tert butyl alcohol	3.06	59	118916	248.950	ug/l 100
12) 1,1-Dichloroethene	2.37	96	83713	48.747	ug/l 98
13) Acrolein	2.29	56	62575	226.737	ug/l 100
14) Allyl chloride	2.73	41	122463	49.095	ug/l 99
15) Acrylonitrile	3.14	53	250830	259.868	ug/l 99
16) Acetone	2.45	43	209970	226.663	ug/l 98
17) Carbon Disulfide	2.57	76	184836	41.960	ug/l 98
18) Methyl Acetate	2.78	43	117452	55.682	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	287160	51.944	ug/l 99
20) Methylene Chloride	2.85	84	97558	49.695	ug/l 99
21) trans-1,2-Dichloroethene	3.17	96	89162	48.933	ug/l 95
22) Diisopropyl ether	3.85	45	272812	51.857	ug/l 97
23) Vinyl Acetate	3.81	43	1162580	260.814	ug/l 99
24) 1,1-Dichloroethane	3.70	63	155004	50.733	ug/l 99
25) 2-Butanone	4.67	43	346416	260.509	ug/l 100
26) 2,2-Dichloropropane	4.58	77	103515	41.264	ug/l 98
27) cis-1,2-Dichloroethene	4.59	96	106481	50.494	ug/l 96
28) Bromochloromethane	5.01	49	68574	47.629	ug/l 98
29) Tetrahydrofuran	5.13	42	221413	262.859	ug/l 99
30) Chloroform	5.21	83	169235	51.246	ug/l 100
31) Cyclohexane	5.58	56	131641	47.271	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	147799	51.730	ug/l 99
36) 1,1-Dichloropropene	5.80	75	117285	48.754	ug/l 98
37) Ethyl Acetate	4.84	43	128417	52.132	ug/l 99
38) Carbon Tetrachloride	5.79	117	128012	51.067	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	141109	45.233	ug/l	100
40) Benzene	6.14	78	366602	49.750	ug/l	99
41) Methacrylonitrile	5.04	41	73583	52.621	ug/l	95
42) 1,2-Dichloroethane	6.19	62	130906	51.092	ug/l	99
43) Isopropyl Acetate	6.45	43	210650	52.007	ug/l	98
44) Trichloroethene	7.21	130	106115	48.649	ug/l	95
45) 1,2-Dichloropropane	7.51	63	94396	50.330	ug/l	100
46) Dibromomethane	7.66	93	68553	51.152	ug/l	100
47) Bromodichloromethane	7.90	83	127208	53.322	ug/l	99
48) Methyl methacrylate	7.77	41	101938	51.662	ug/l	99
49) 1,4-Dioxane	7.74	88	55069	997.741	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	710116	270.456	ug/l	100
52) Toluene	8.78	92	239783	49.533	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	132560	51.677	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	144898	50.764	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	103530	51.941	ug/l	98
56) Ethyl methacrylate	9.18	69	156390	53.639	ug/l	98
57) 1,3-Dichloropropane	9.37	76	162941	51.531	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	360134	258.756	ug/l	99
59) 2-Hexanone	9.49	43	549384	269.772	ug/l	99
60) Dibromochloromethane	9.58	129	111070	48.499	ug/l	100
61) 1,2-Dibromoethane	9.67	107	110580	52.276	ug/l	99
64) Tetrachloroethene	9.34	164	96581	44.882	ug/l	98
65) Chlorobenzene	10.13	112	276396	49.196	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	104358	52.852	ug/l	99
67) Ethyl Benzene	10.25	91	475831	49.758	ug/l	99
68) m/p-Xylenes	10.36	106	362102	98.713	ug/l	99
69) o-Xylene	10.69	106	179247	50.069	ug/l	100
70) Styrene	10.71	104	310846	52.086	ug/l	100
71) Bromoform	10.85	173	85318	47.585	ug/l #	98
73) Isopropylbenzene	11.02	105	488339	48.976	ug/l	99
74) N-amyl acetate	10.90	43	197232	51.769	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	164854	50.521	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	138981m	52.191	ug/l	
77) Bromobenzene	11.25	156	131612	47.853	ug/l	97
78) n-propylbenzene	11.36	91	547769	49.720	ug/l	98
79) 2-Chlorotoluene	11.42	91	324206	48.987	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	412343	49.490	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45620	43.929	ug/l	98
82) 4-Chlorotoluene	11.51	91	381057	49.469	ug/l	99
83) tert-Butylbenzene	11.77	119	414240	50.617	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	417512	49.718	ug/l	100
85) sec-Butylbenzene	11.94	105	483558	50.426	ug/l	100
86) p-Isopropyltoluene	12.06	119	445897	50.296	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	234539	49.139	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	234190	47.841	ug/l	98
89) n-Butylbenzene	12.38	91	379132	49.987	ug/l	100
90) Hexachloroethane	12.60	117	72629	51.941	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	235315	49.745	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35921	52.664	ug/l	98

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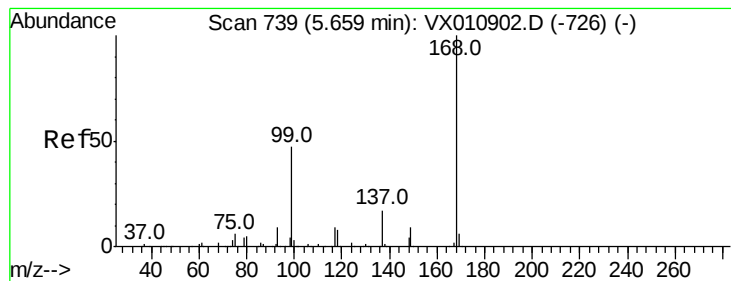
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	160665	50.116	ug/l	99
94) Hexachlorobutadiene	13.78	225	77442	48.747	ug/l	98
95) Naphthalene	13.83	128	507276	53.585	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	163373	51.218	ug/l	98

(#) = 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: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 192795

Ion Ratio Lower Upper

168 100

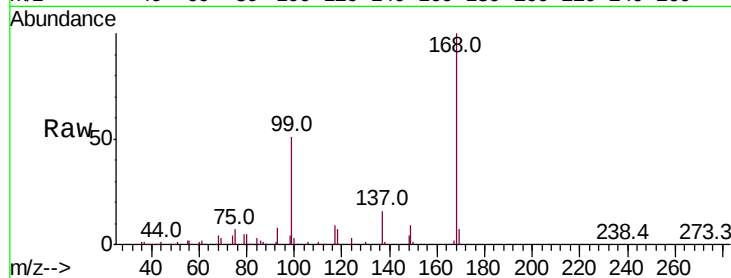
99 50.5 37.6 56.4

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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

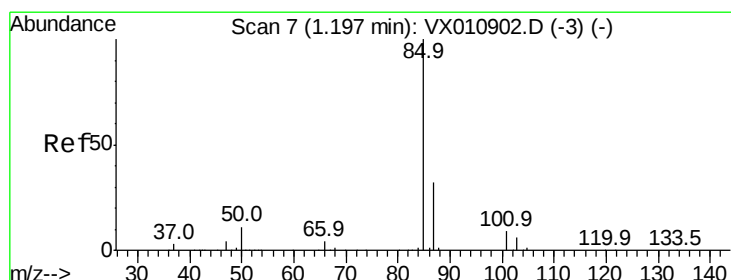
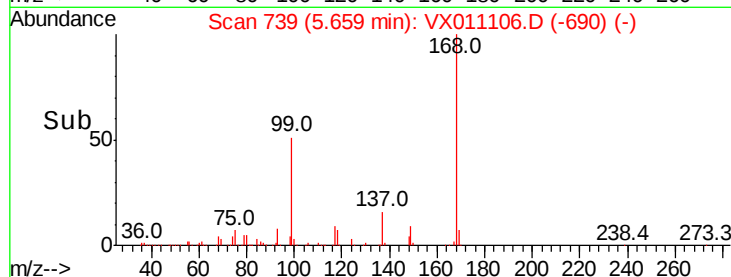
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.072 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011106.D

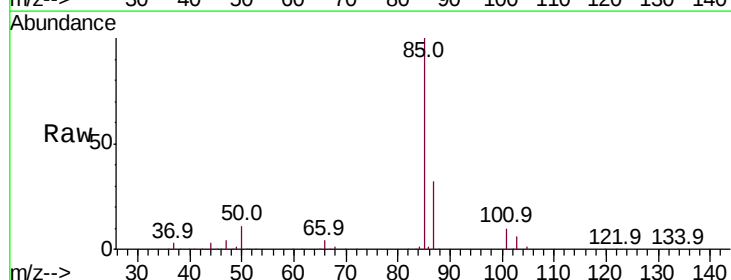
Acq: 26 Jul 2019 21:16

Tgt Ion: 85 Resp: 92547

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

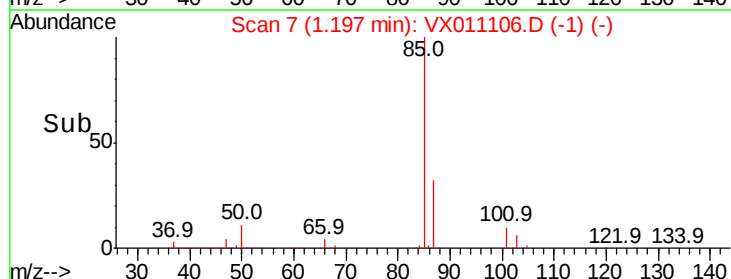
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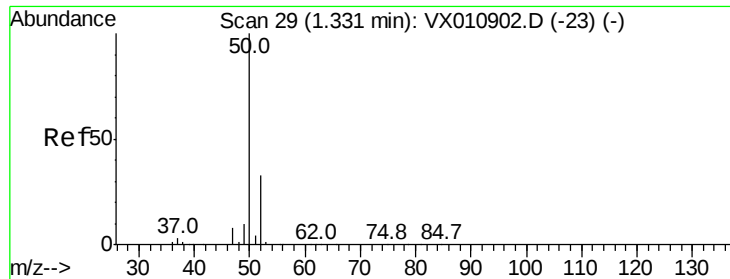
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.000 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 83327

Ion Ratio Lower Upper

50 100

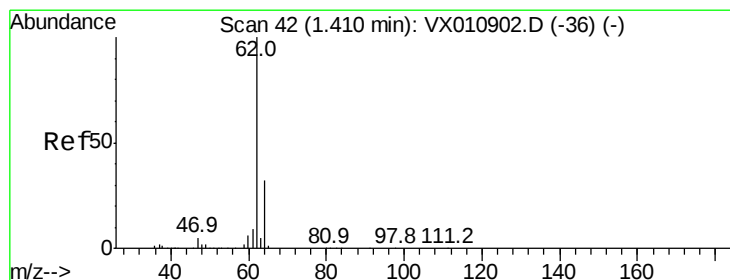
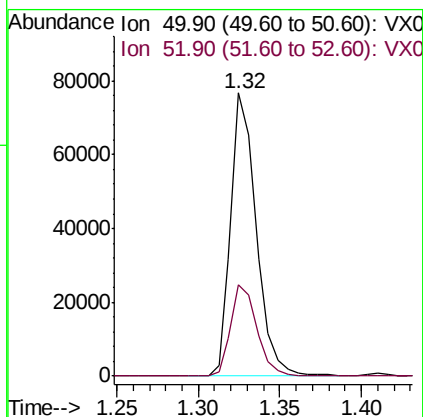
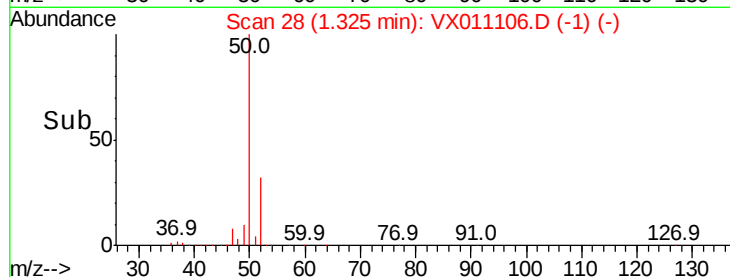
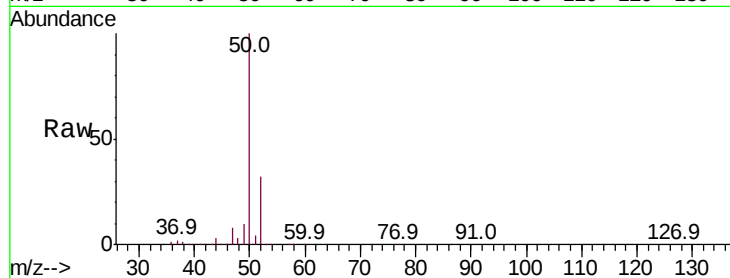
52 32.4 26.4 39.6

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#4

Vinyl Chloride

Concen: 49.159 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX011106.D

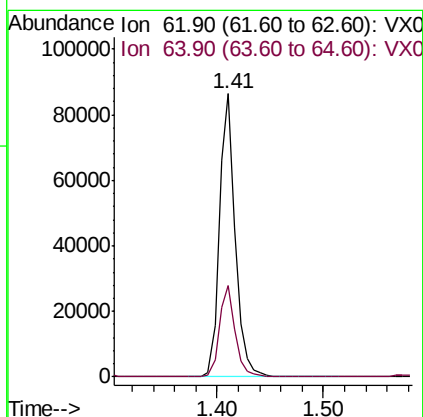
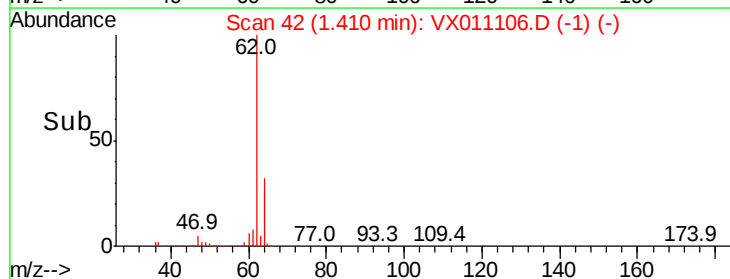
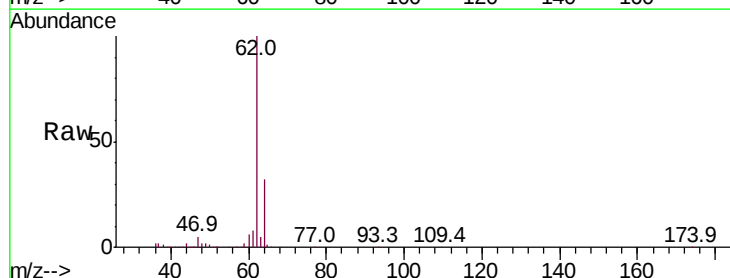
Acq: 26 Jul 2019 21:16

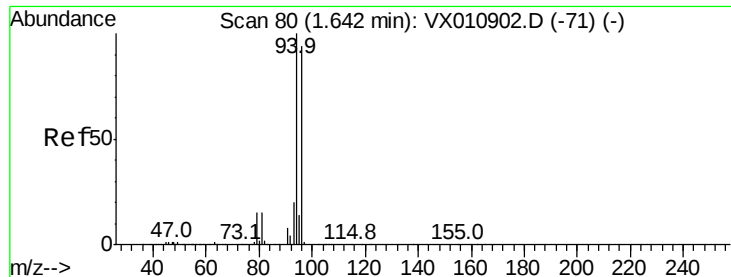
Tgt Ion: 62 Resp: 88898

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 44.805 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 45659

Ion Ratio Lower Upper

94 100

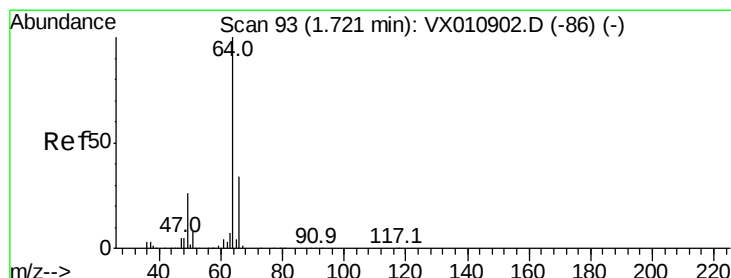
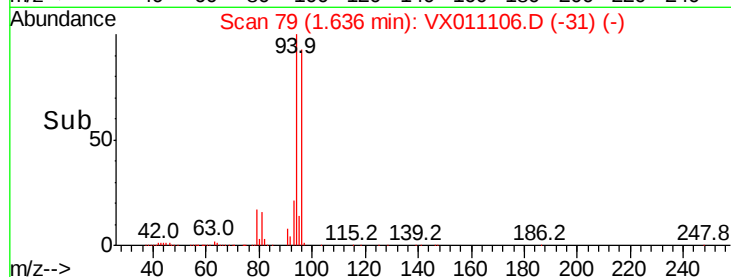
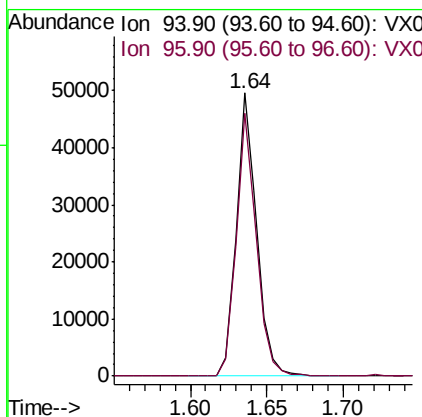
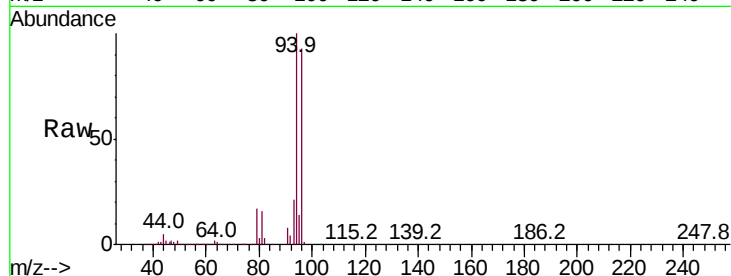
96 92.5 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 49.246 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011106.D

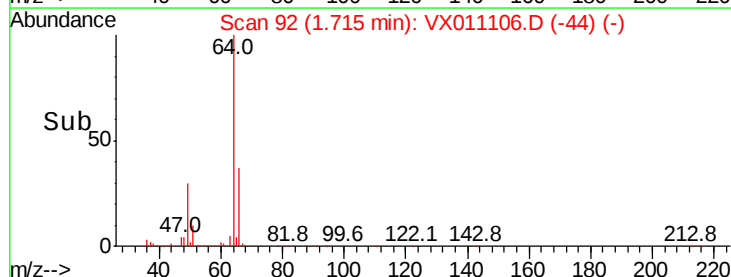
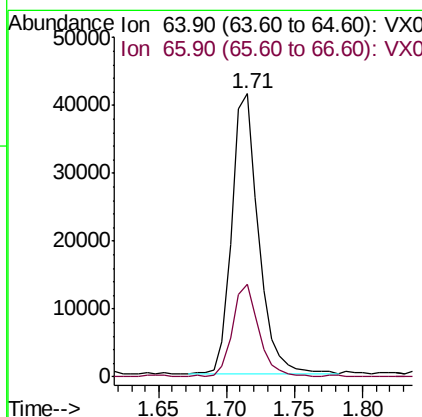
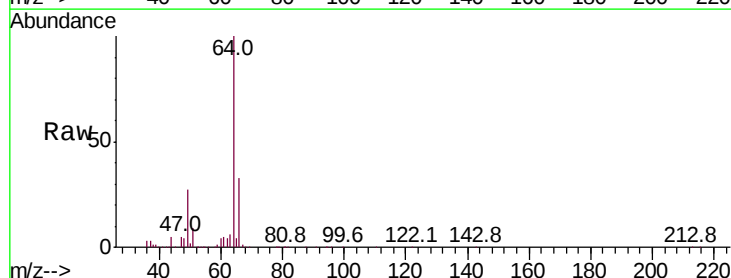
Acq: 26 Jul 2019 21:16

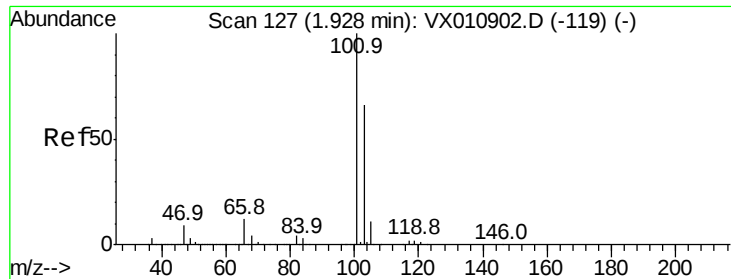
Tgt Ion: 64 Resp: 56594

Ion Ratio Lower Upper

64 100

66 32.7 27.0 40.6





#7

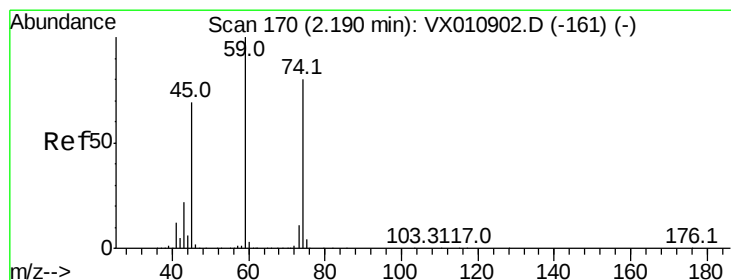
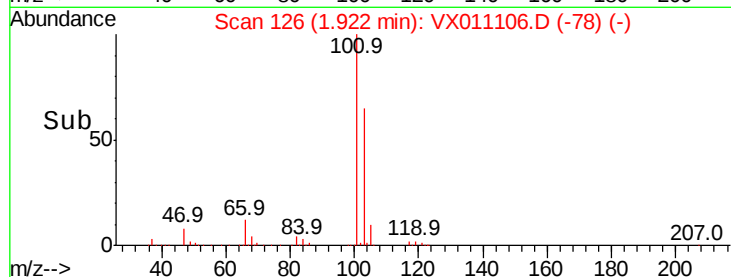
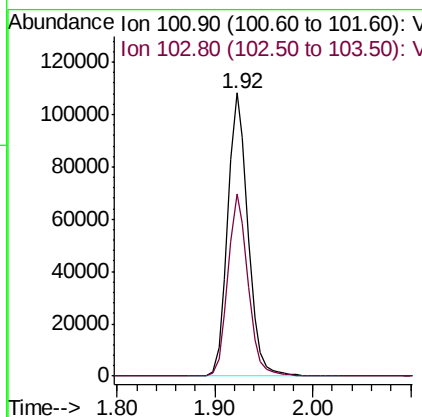
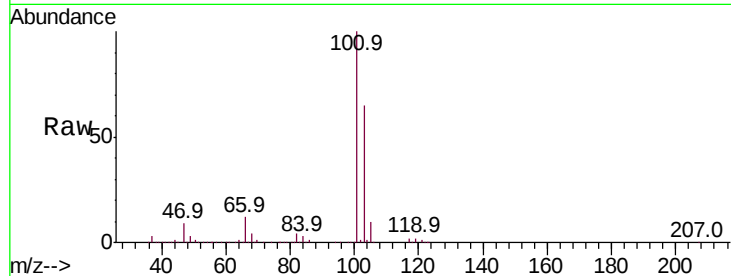
Trichlorofluoromethane
 Concen: 51.104 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

Instrument :
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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.6	78.8

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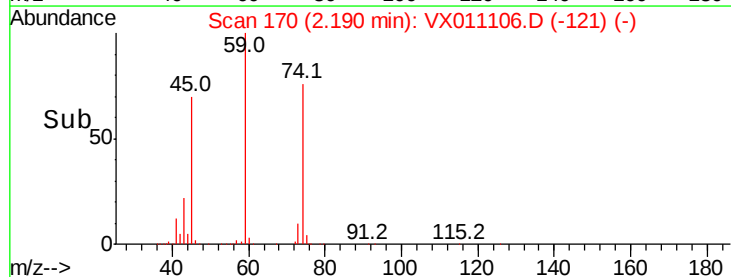
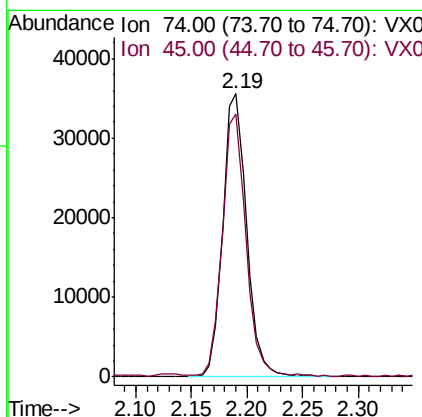
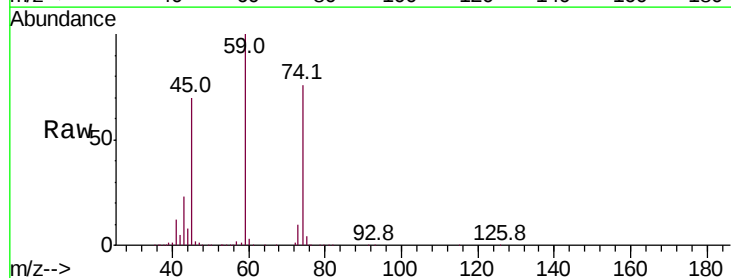
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 7/29/2019 11:53:29 AM

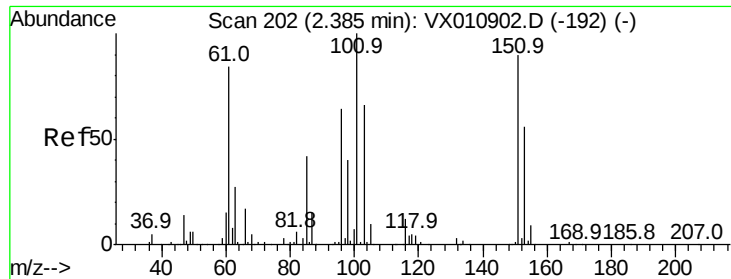


#8

Diethyl Ether
 Concen: 50.078 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.8	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.471 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

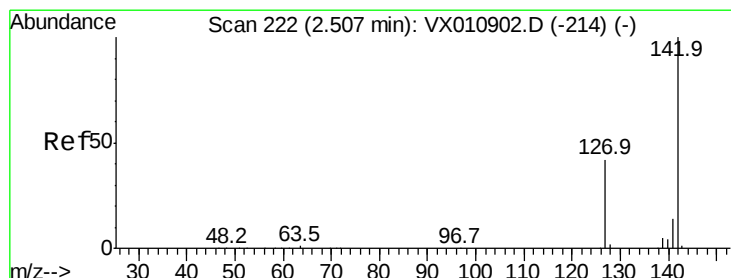
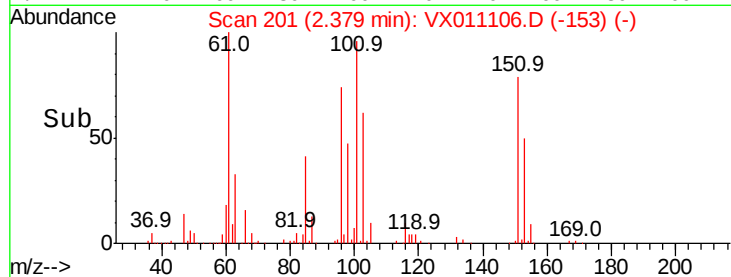
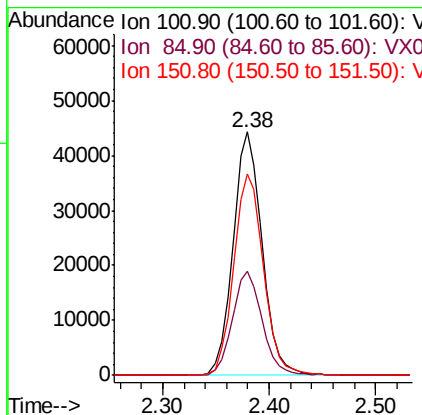
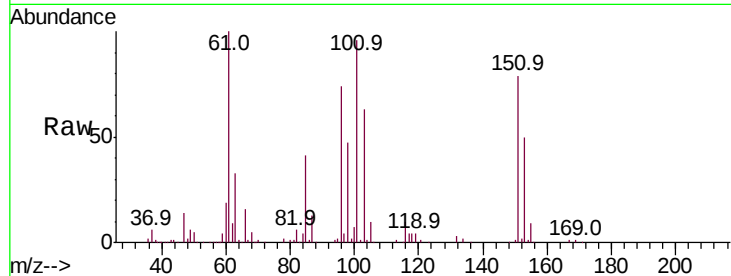
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	84720
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.6	52.0
151	85.0	69.6	104.4

Manual Integrations
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#10

Methyl Iodide

Concen: 45.770 ug/l

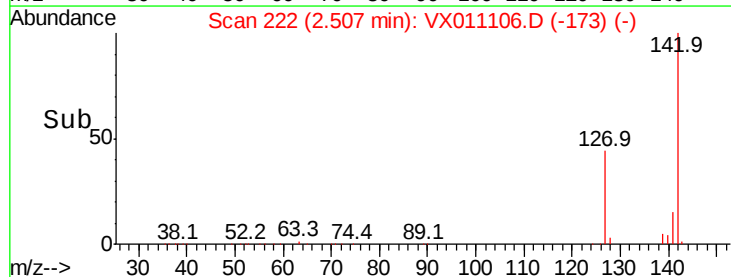
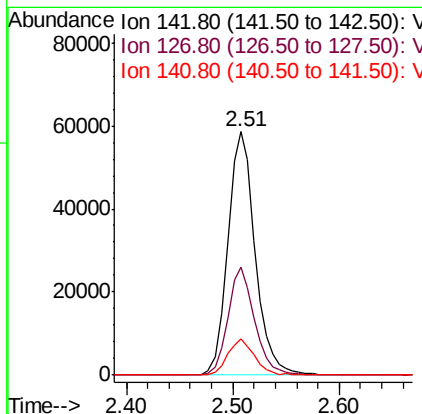
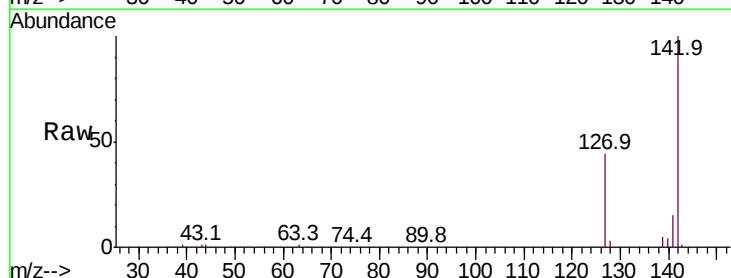
RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Tgt Ion:	142	Resp:	104980
Ion Ratio	Lower	Upper	
142	100		
127	43.2	34.2	51.4
141	14.6	11.7	17.5





#11

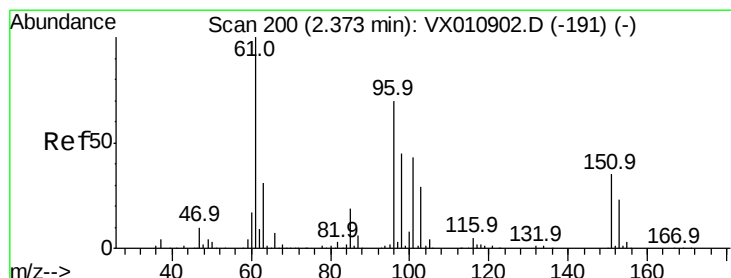
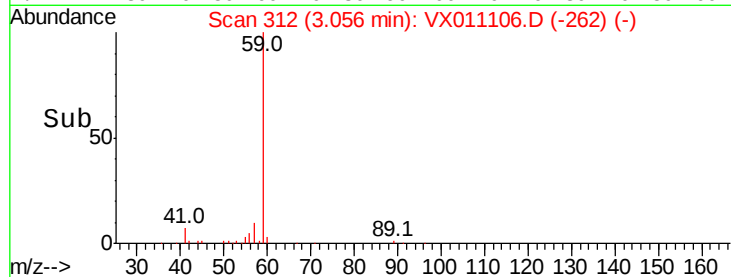
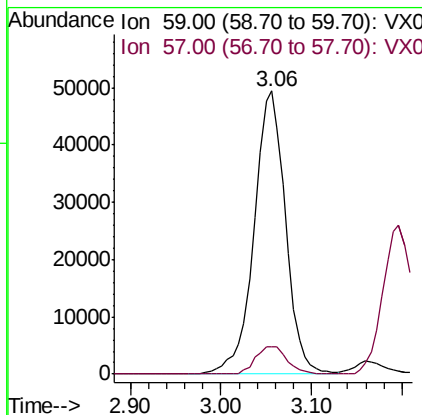
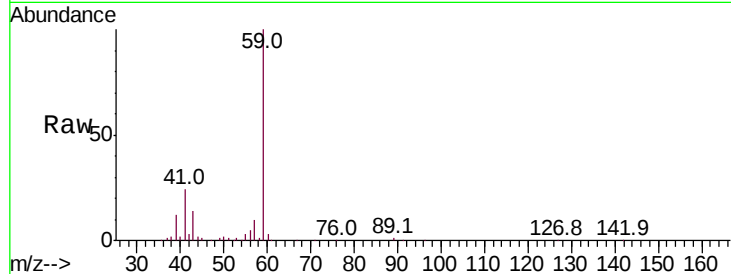
Tert butyl alcohol
Concen: 248.950 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	7.9	11.9

Manual Integrations
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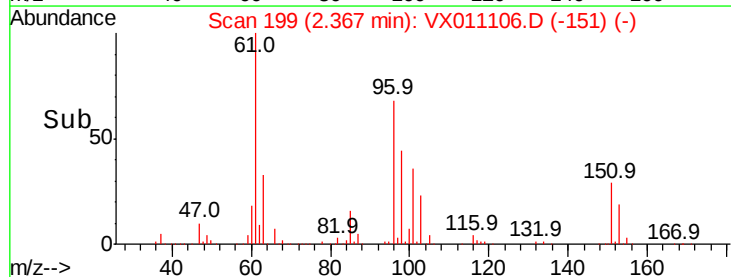
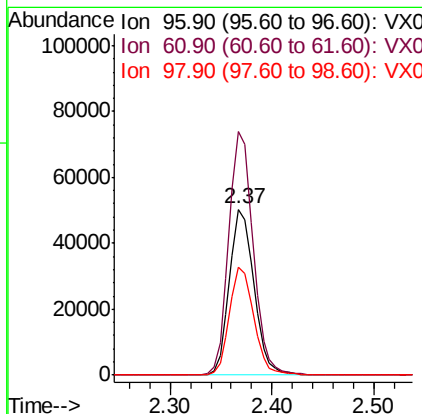
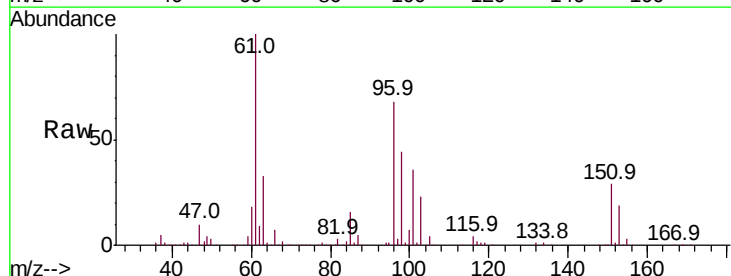
MMDadoda
7/29/2019 11:53:29 AM

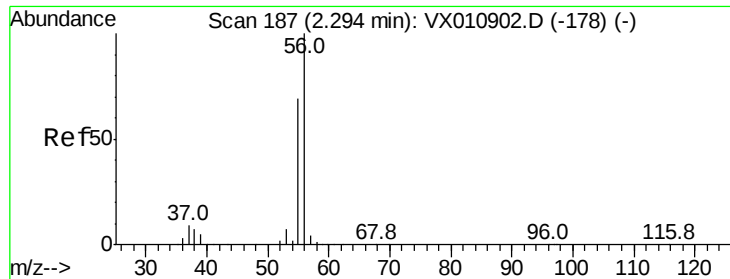


#12

1,1-Dichloroethene
Concen: 48.747 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.6	115.0	172.4
98	65.2	52.2	78.2





#13

Acrolein

Concen: 226.737 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 62575

Ion Ratio Lower Upper

56 100

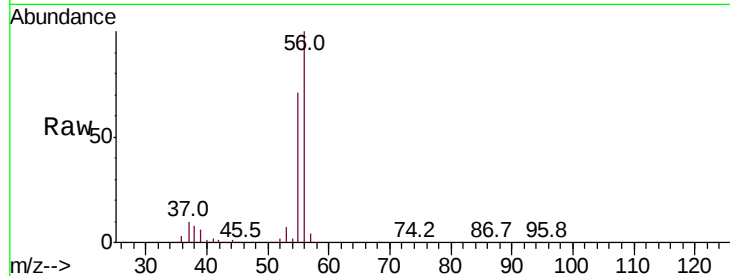
55 69.7 55.9 83.9

Manual Integrations

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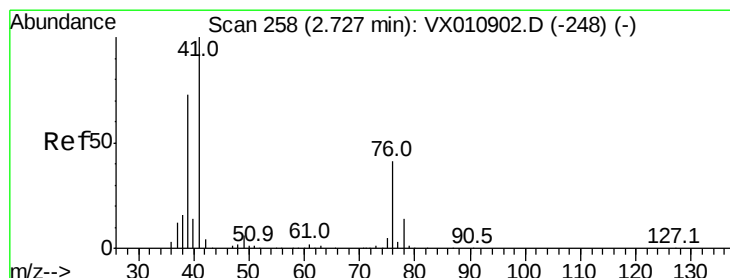
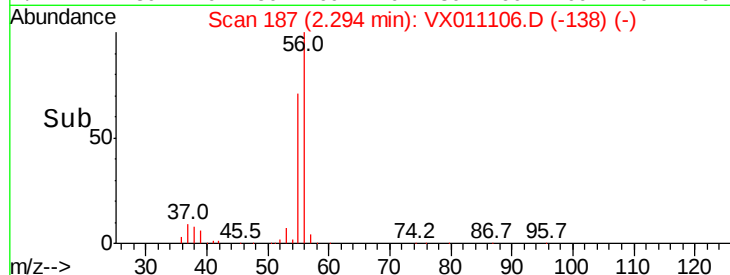
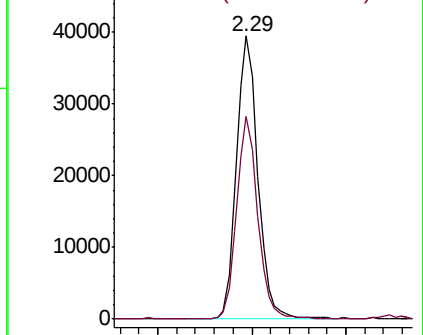
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.095 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

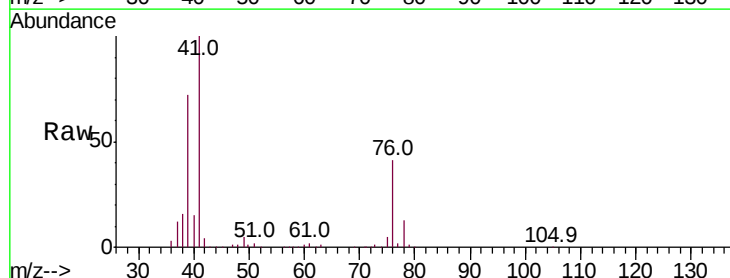
Tgt Ion: 41 Resp: 122463

Ion Ratio Lower Upper

41 100

39 67.3 53.6 80.4

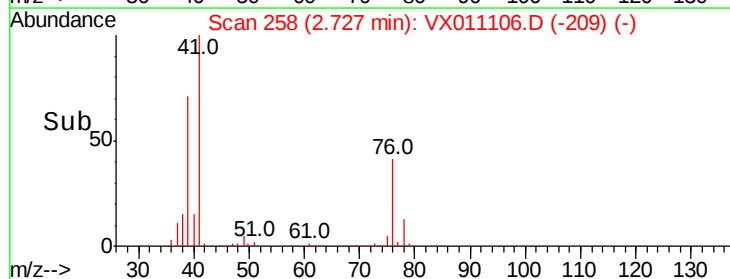
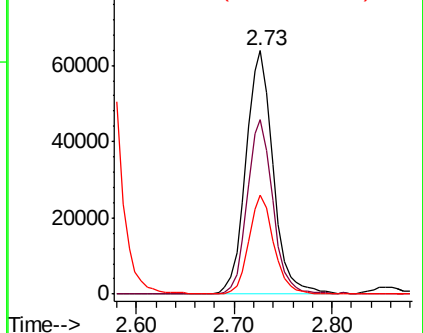
76 37.6 29.7 44.5

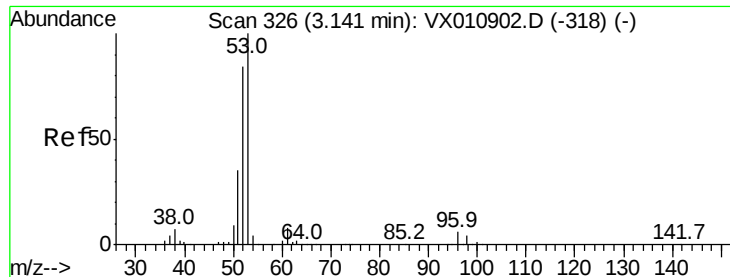


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 259.868 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

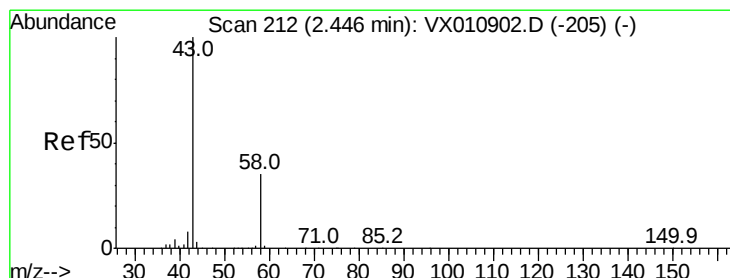
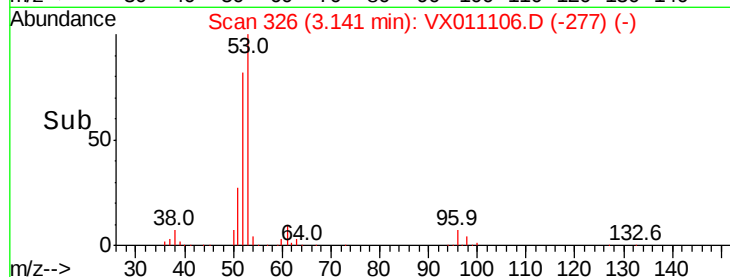
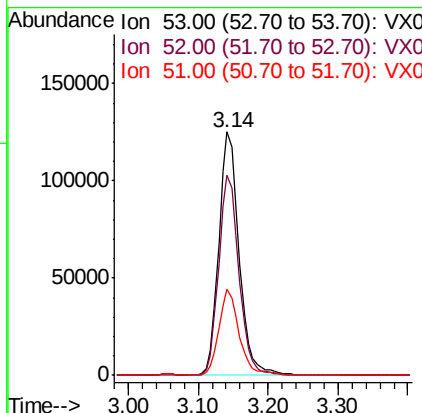
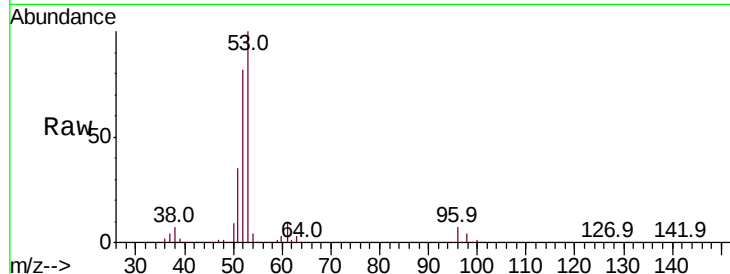
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	250830
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.5	99.7
51	35.7	28.2	42.4

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#16

Acetone

Concen: 226.663 ug/l

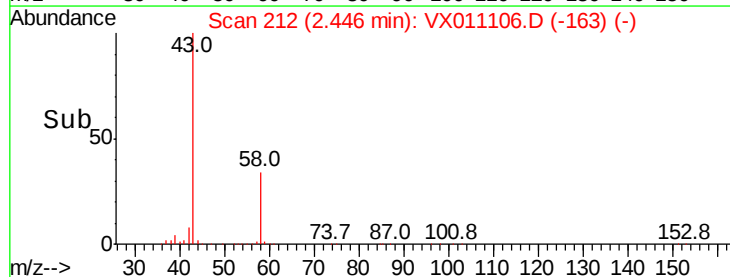
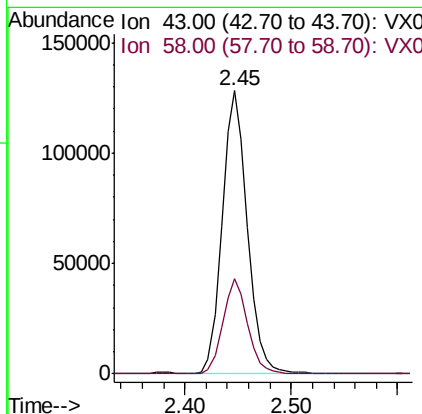
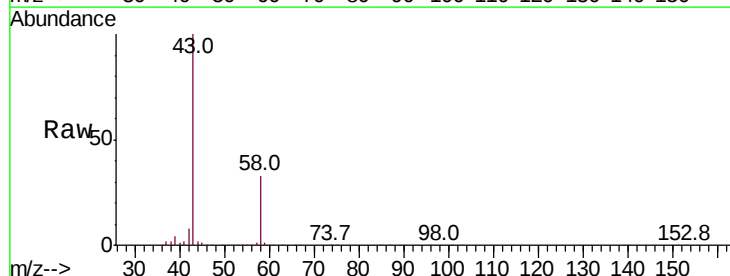
RT: 2.45 min Scan# 212

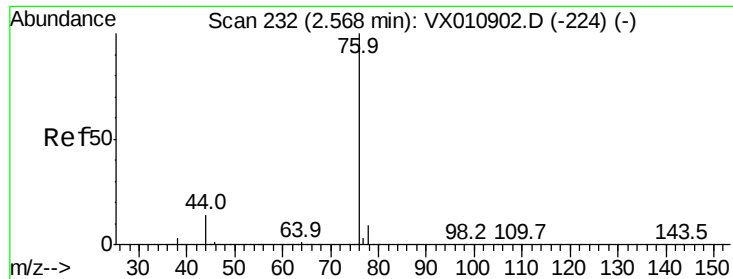
Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Tgt Ion:	43	Resp:	209970
Ion Ratio	Lower	Upper	
43	100		
58	33.5	27.7	41.5





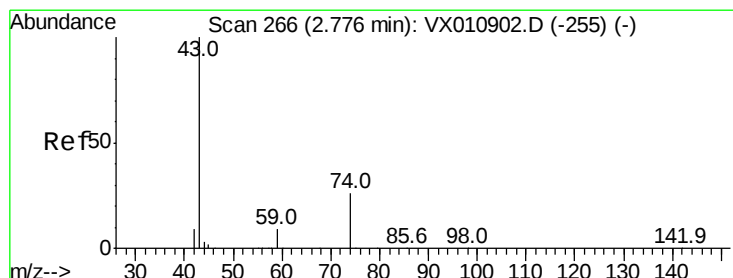
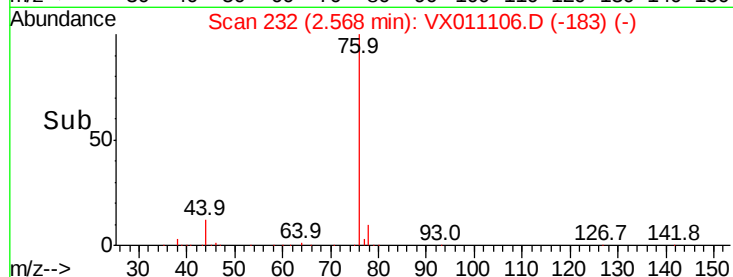
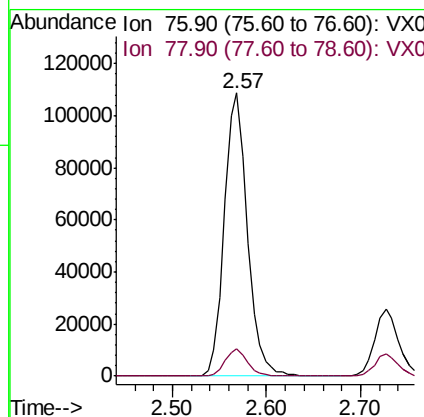
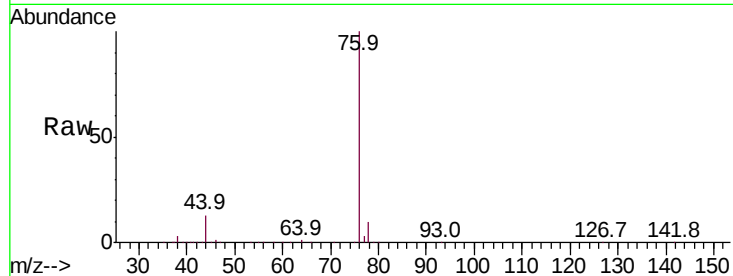
#17
Carbon Disulfide
Concen: 41.960 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.4	11.0

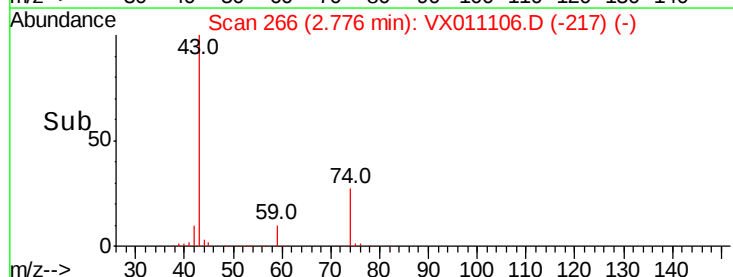
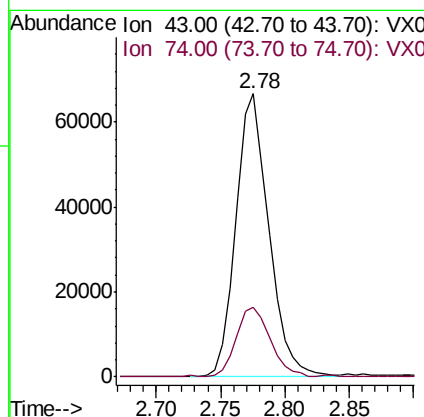
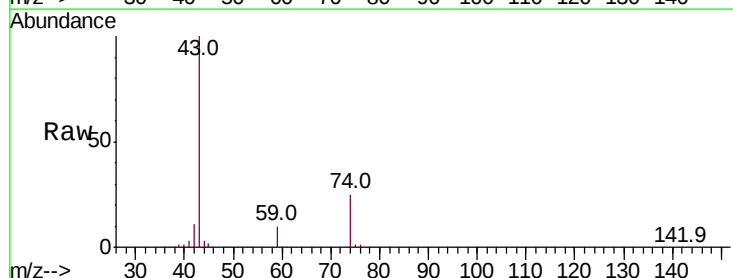
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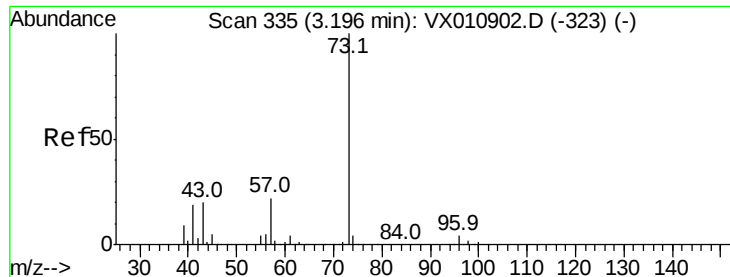
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#18
Methyl Acetate
Concen: 55.682 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.2	21.5	32.3





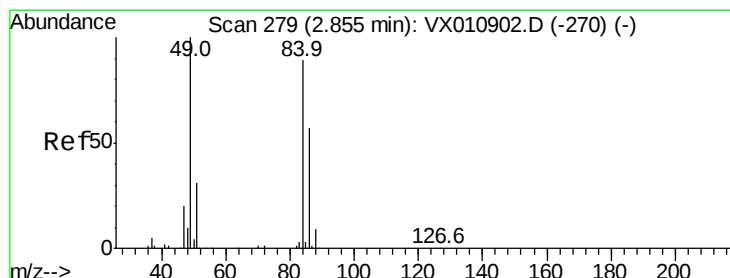
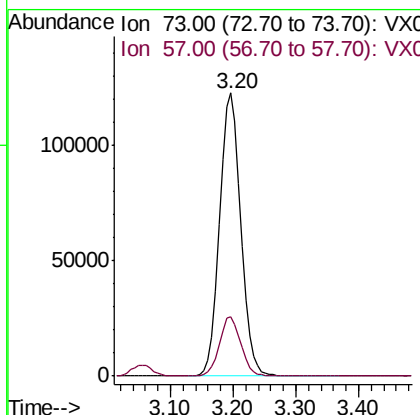
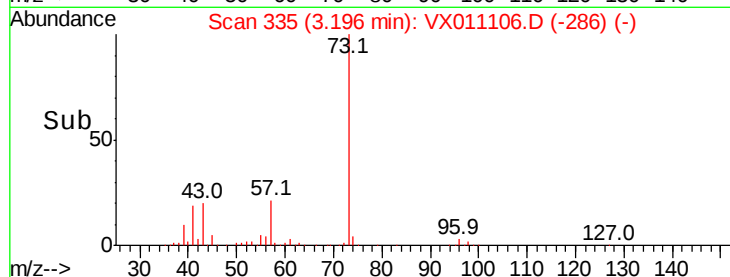
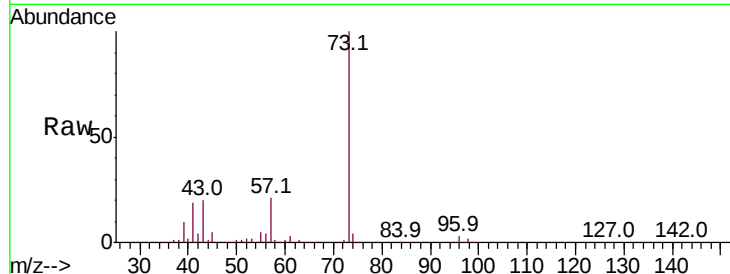
#19
Methvl tert-butvl Ether
Concen: 51.944 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.3	25.9

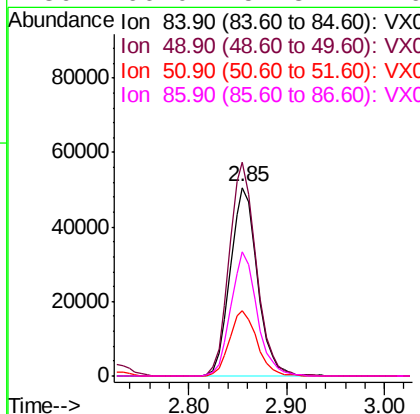
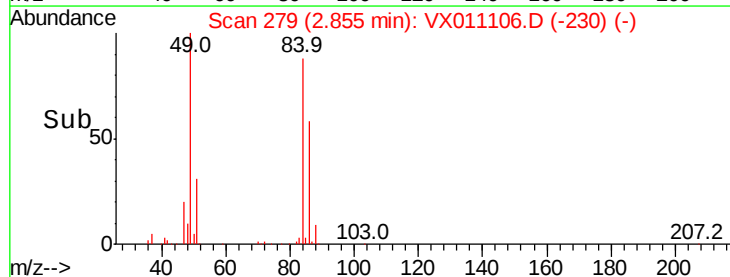
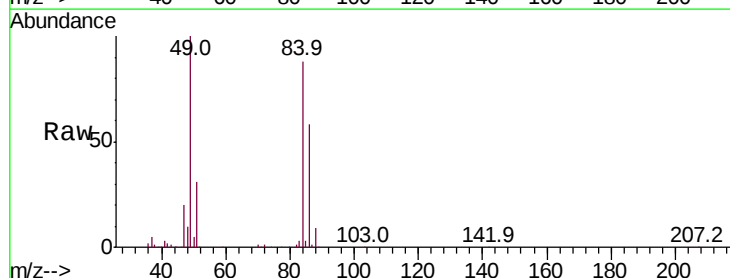
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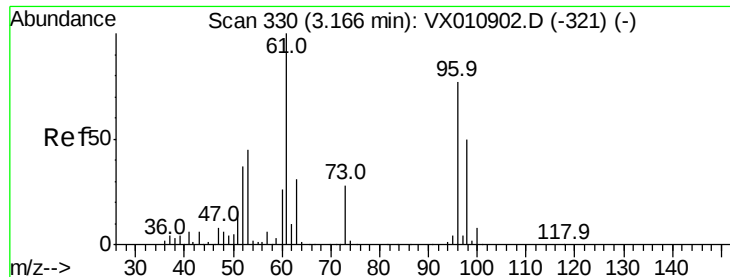
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#20
Methylene Chloride
Concen: 49.695 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.4	89.9	134.9
51	34.9	27.8	41.6
86	66.0	51.8	77.6





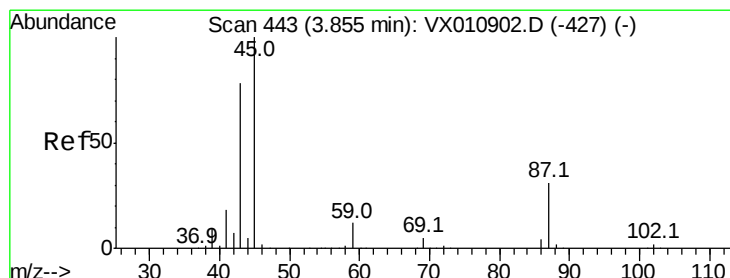
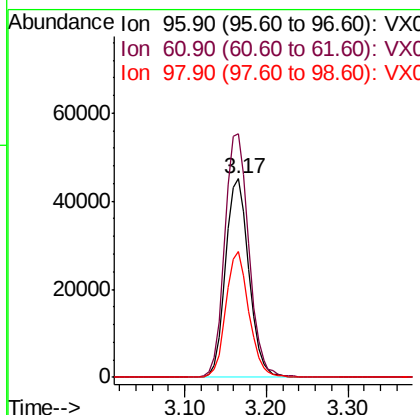
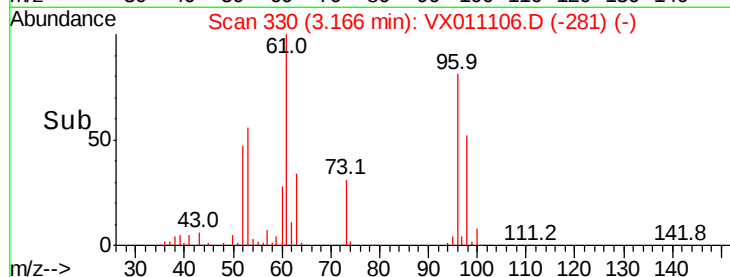
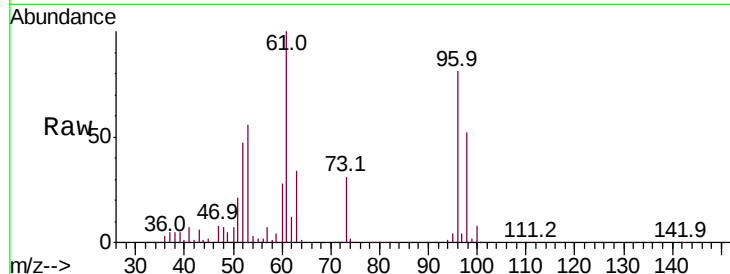
#21
trans-1,2-Dichloroethene
Concen: 48.933 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.8	104.2	156.2
98	63.3	52.2	78.4

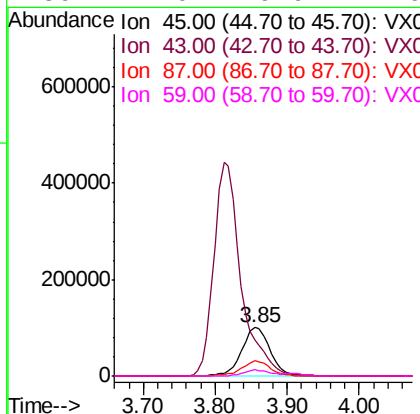
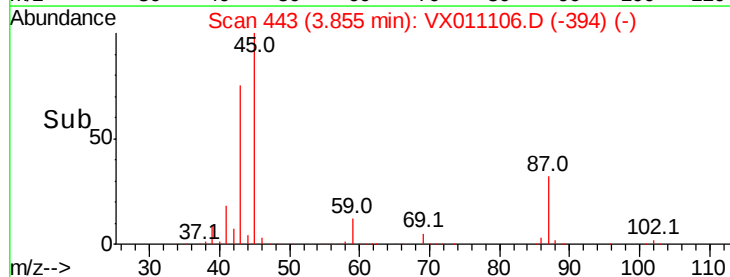
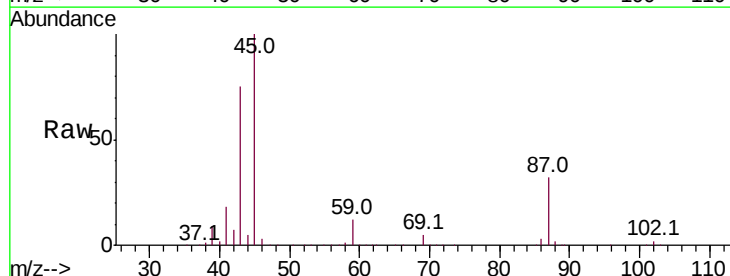
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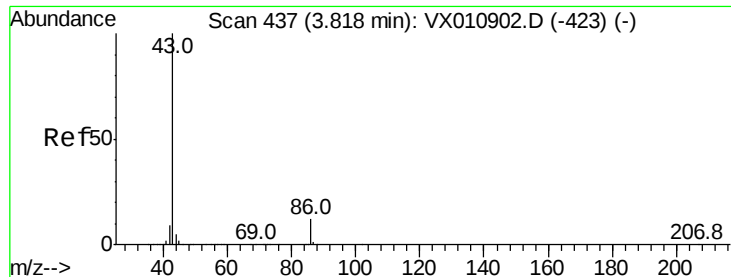
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#22
Diisopropyl ether
Concen: 51.857 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
45	100		
43	75.0	62.3	93.5
87	32.1	25.0	37.4
59	12.0	9.9	14.9





#23

Vinyl Acetate

Concen: 260.814 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1162580

Ion Ratio Lower Upper

43 100

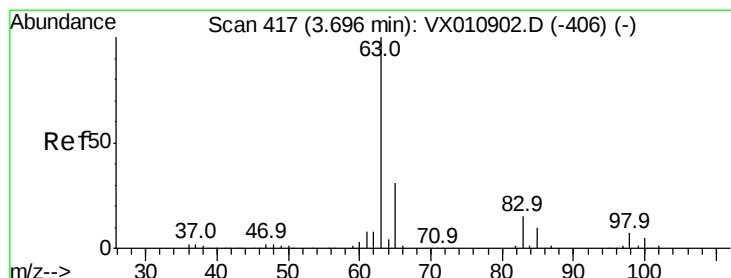
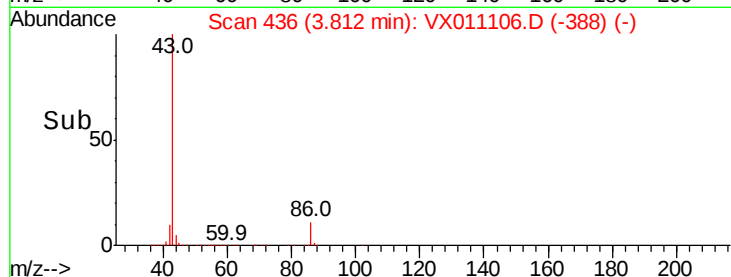
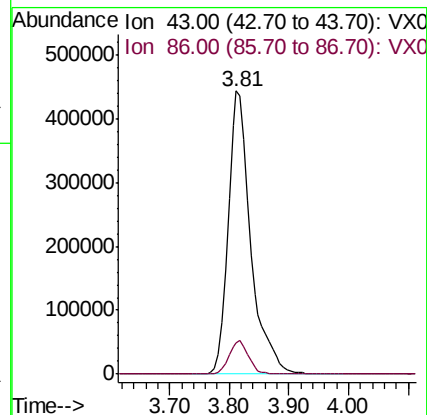
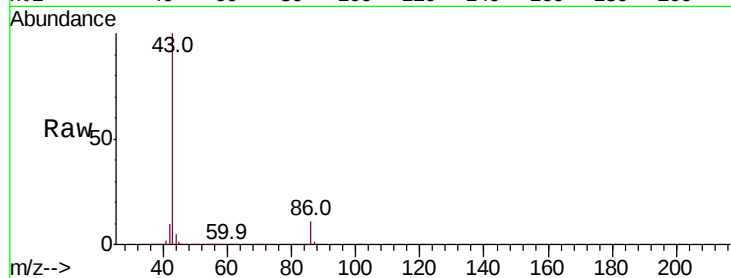
86 11.2 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 50.733 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

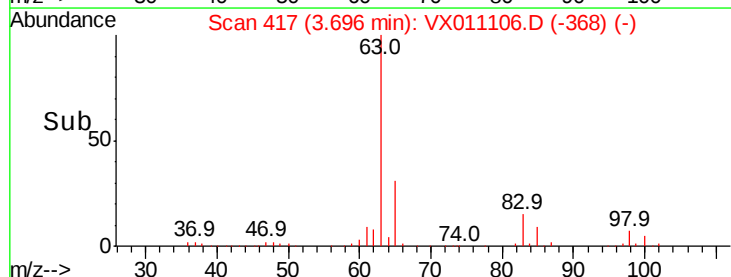
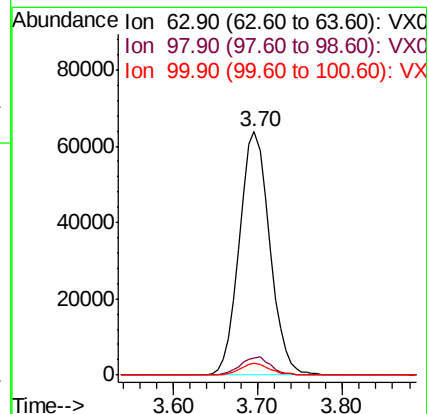
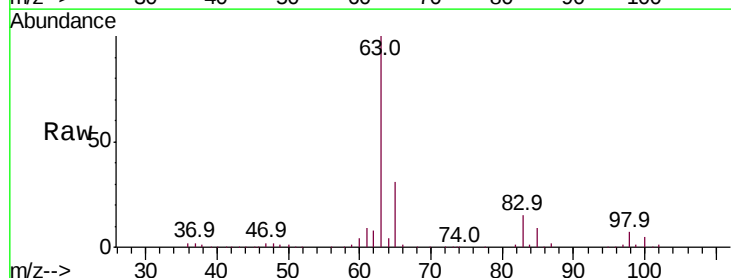
Tgt Ion: 63 Resp: 155004

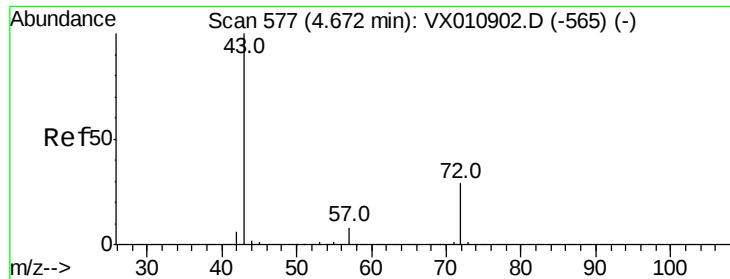
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 5.2 2.4 7.2





#25

2-Butanone

Concen: 260.509 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 346416

Ion Ratio Lower Upper

43 100

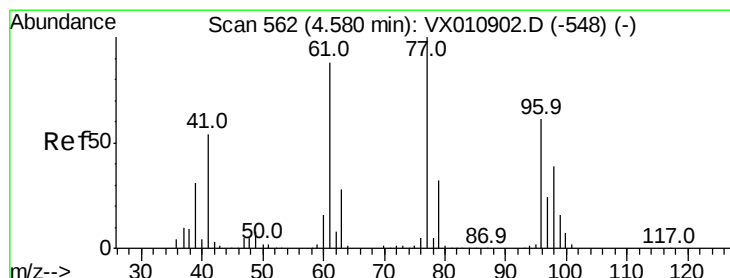
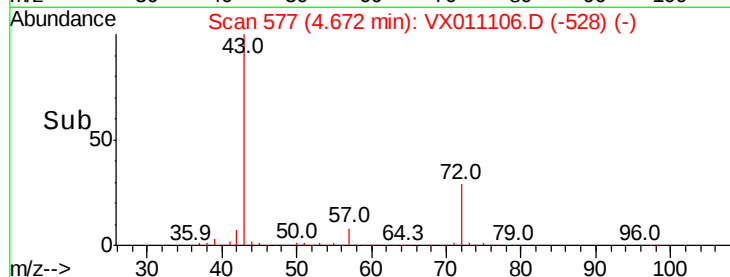
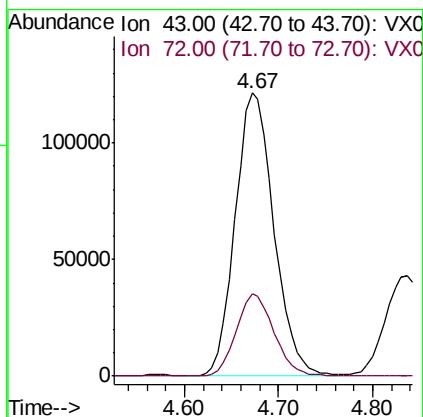
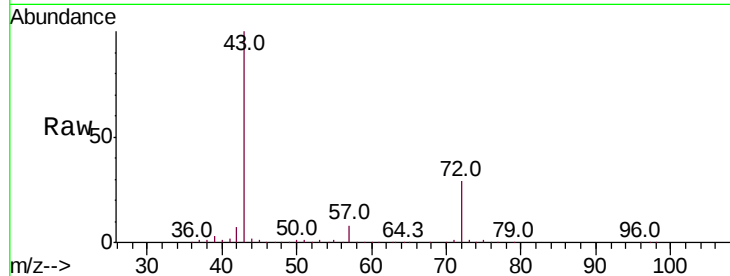
72 29.0 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 41.264 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX011106.D

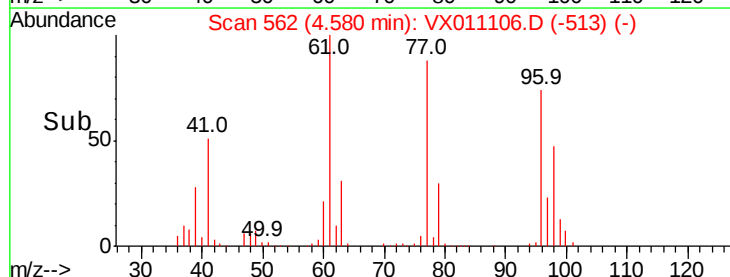
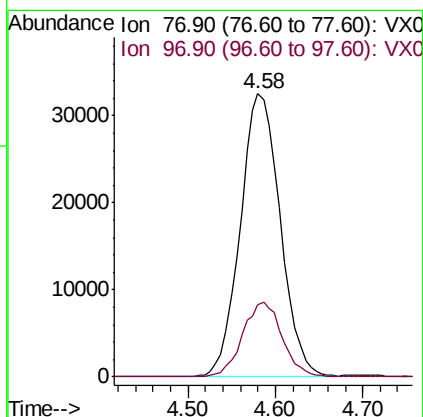
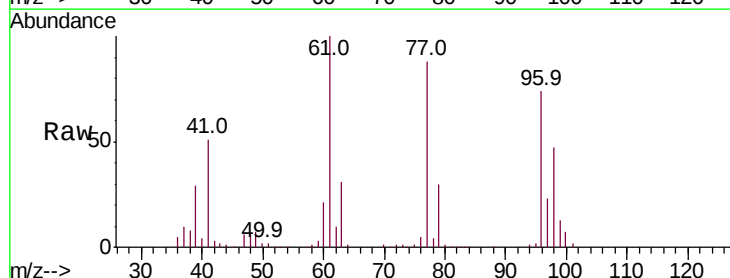
Acq: 26 Jul 2019 21:16

Tgt Ion: 77 Resp: 103515

Ion Ratio Lower Upper

77 100

97 25.9 12.6 37.6





#27

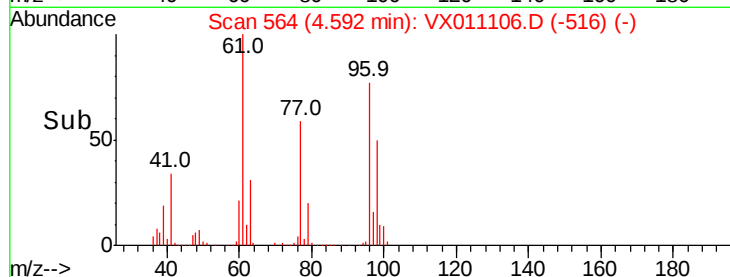
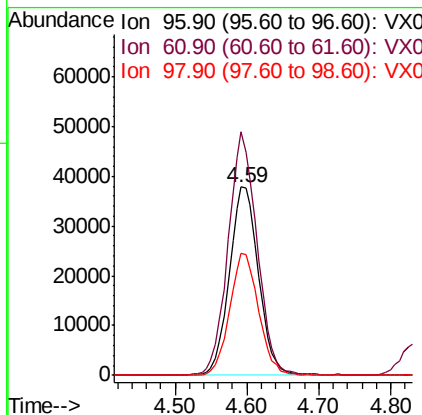
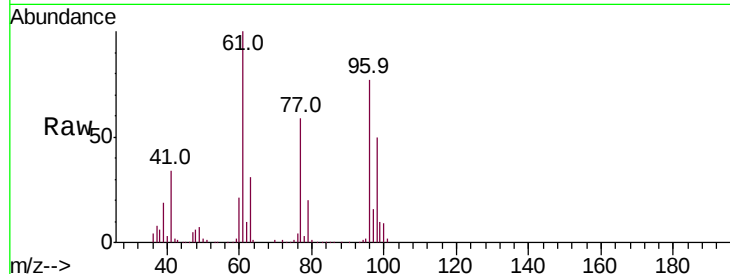
cis-1,2-Dichloroethene
Concen: 50.494 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	128.5	0.0	269.0	
98	64.3	0.0	131.4	

Manual Integrations
APPROVED

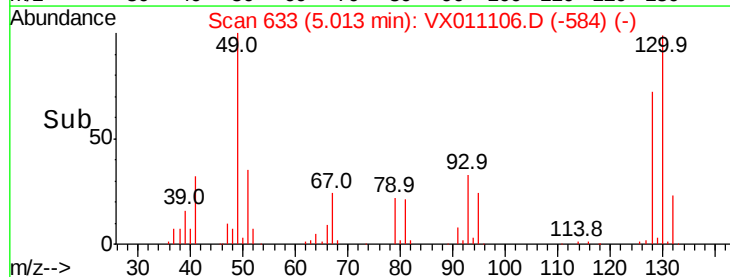
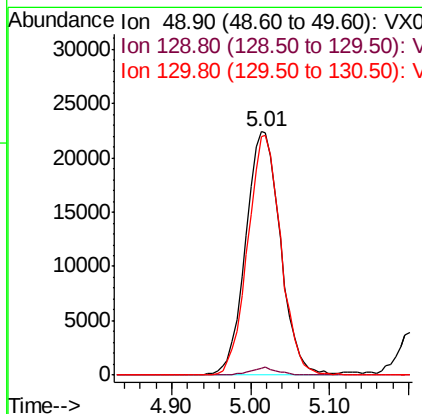
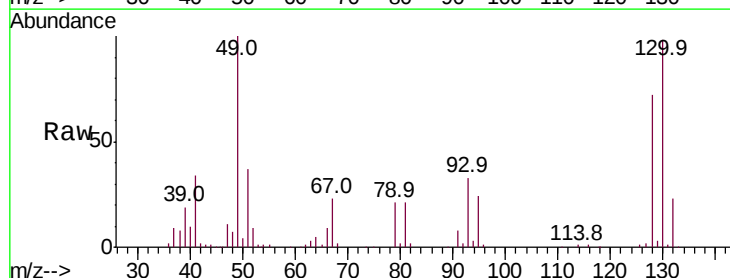
MMDadoda
7/29/2019 11:53:29 AM

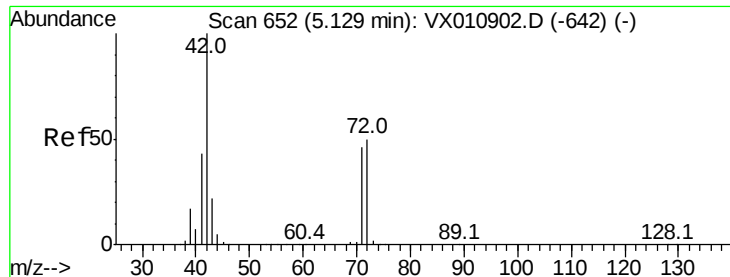


#28

Bromochloromethane
Concen: 47.629 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.7	0.0	5.2	
130	93.9	76.9	115.3	





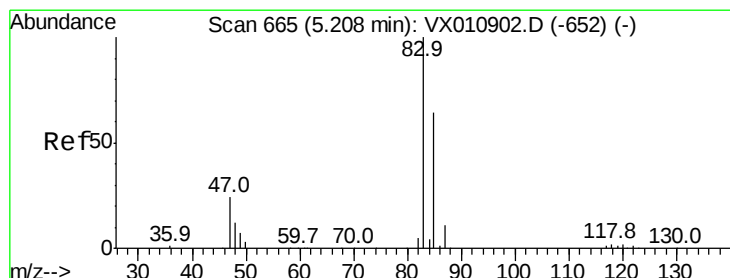
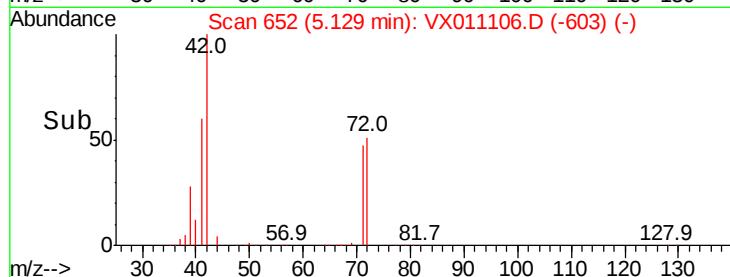
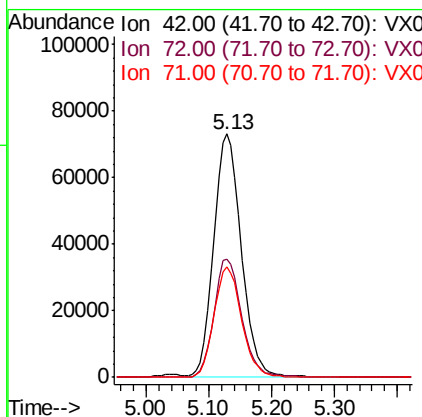
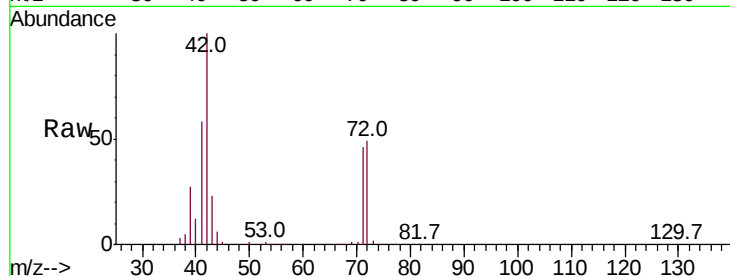
#29
Tetrahydrofuran
Concen: 262.859 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.2	39.8	59.8
71	45.6	37.0	55.4

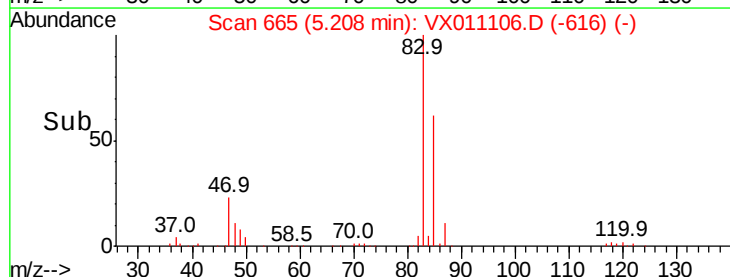
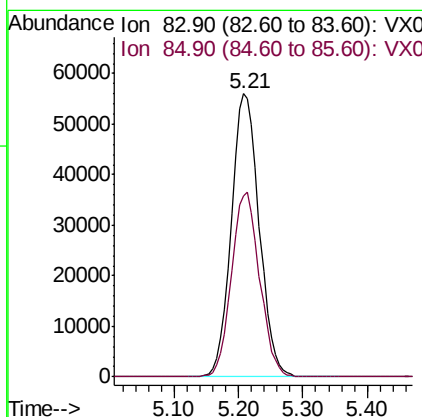
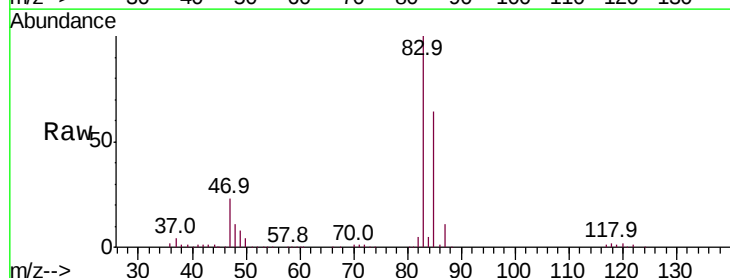
Manual Integrations
APPROVED

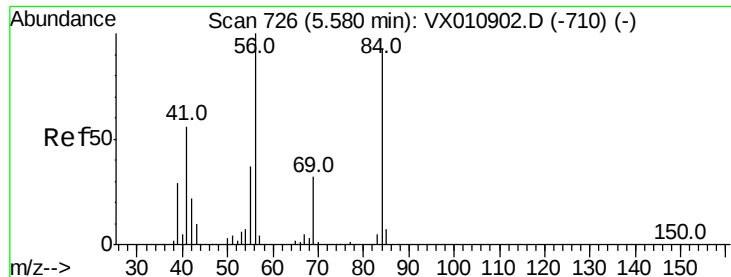
MMDadoda
7/29/2019 11:53:29 AM



#30
Chloroform
Concen: 51.246 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.4	77.0





#31

Cyclohexane

Concen: 47.271 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 131641

Ion Ratio Lower Upper

56 100

69 31.9 25.8 38.8

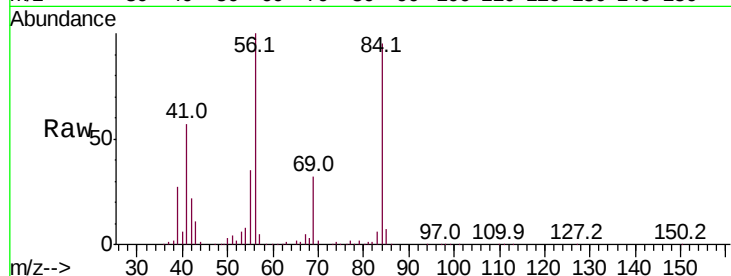
84 93.2 73.8 110.6

Manual Integrations

APPROVED

MMDadoda

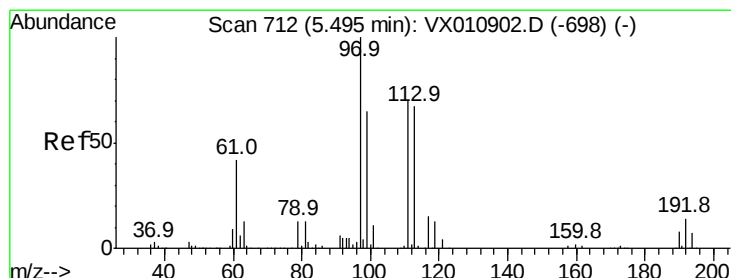
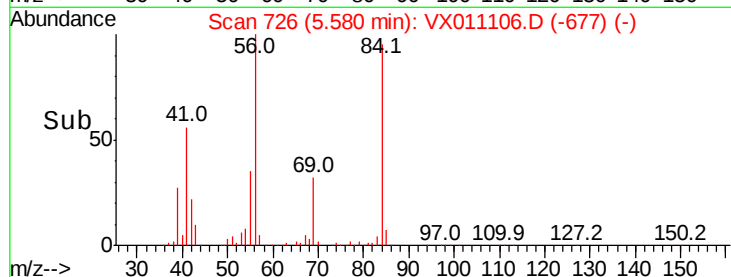
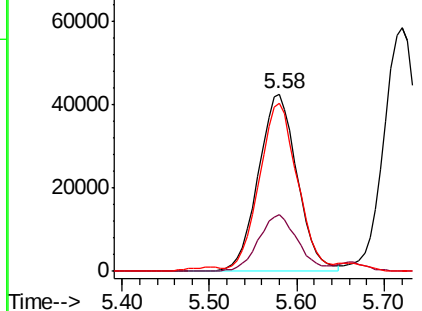
7/29/2019 11:53:29 AM



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: 51.730 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

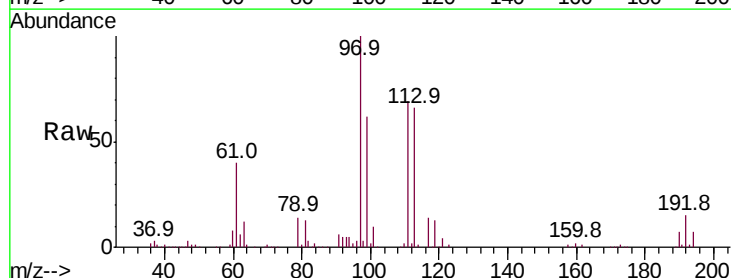
Tgt Ion: 97 Resp: 147799

Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

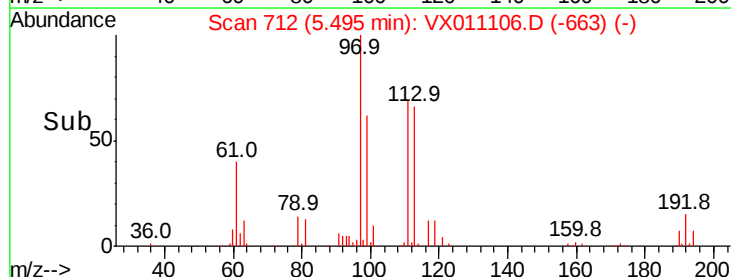
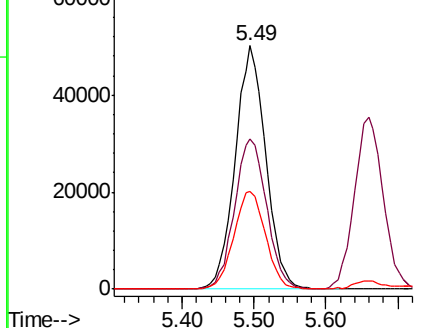
61 41.9 33.0 49.6

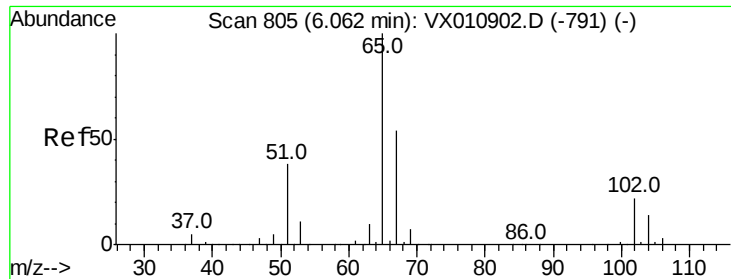


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





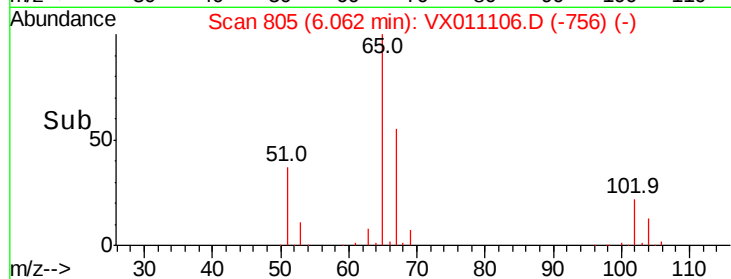
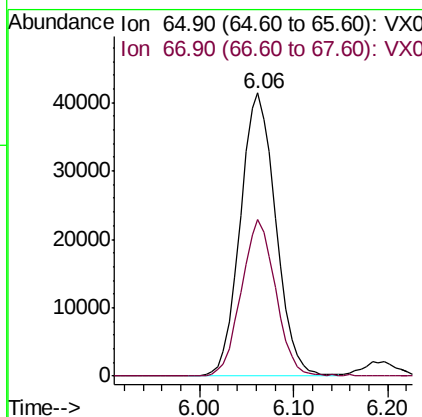
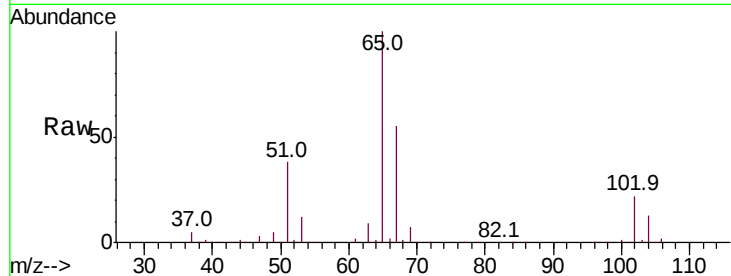
#33
 1,2-Dichloroethane-d4
 Concen: 53.012 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	108730		
67	53.6	0.0	107.8	

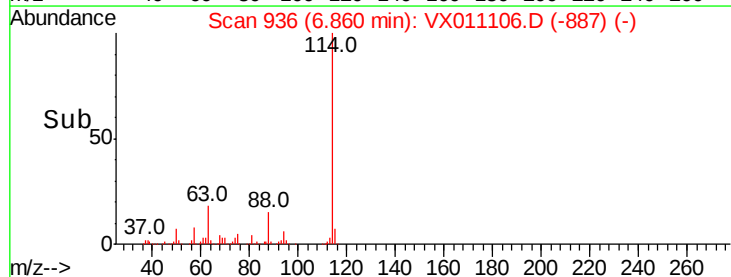
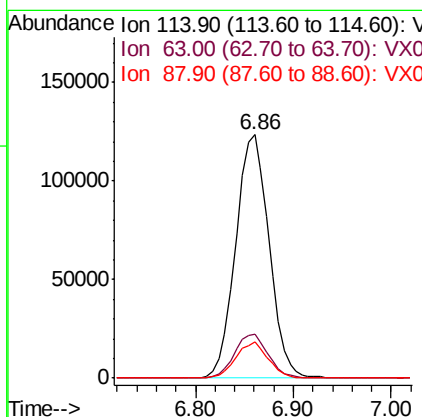
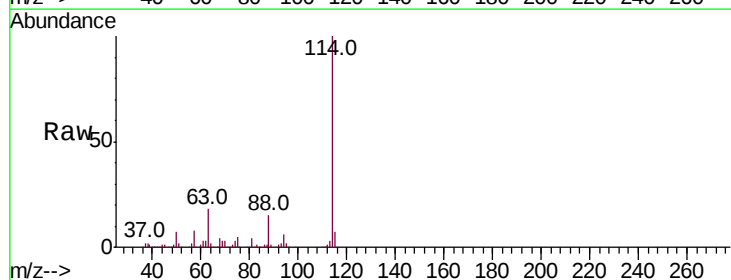
Manual Integrations
 APPROVED

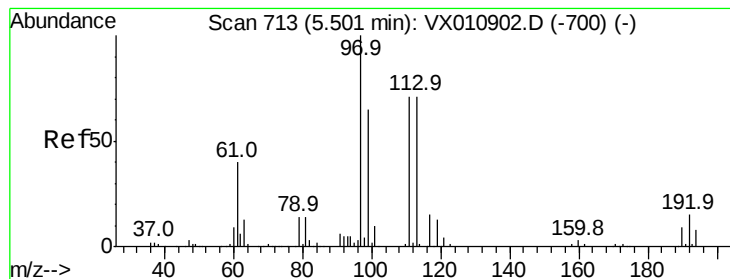
MMDadoda
 7/29/2019 11:53:29 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	292866		
63	18.0	0.0	35.6	
88	14.8	0.0	29.8	





#35

Dibromofluoromethane

Concen: 52.641 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:113 Resp: 97853

Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

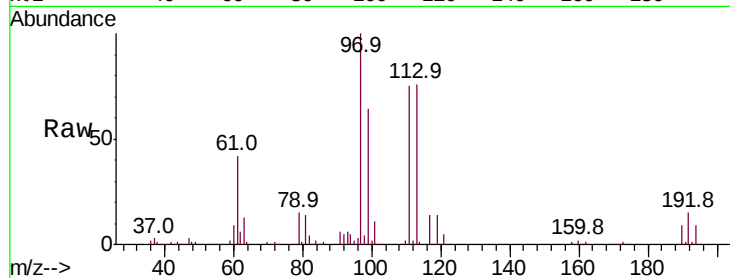
192 21.8 17.4 26.2

Manual Integrations

APPROVED

MMDadoda

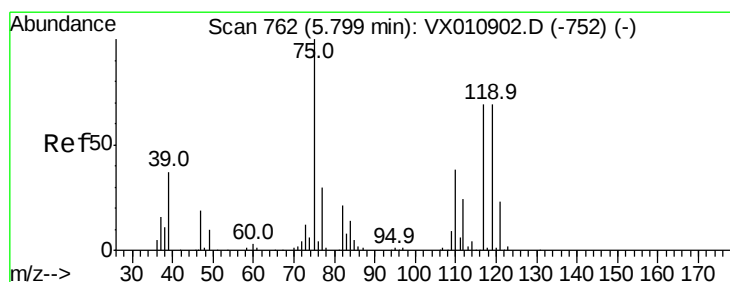
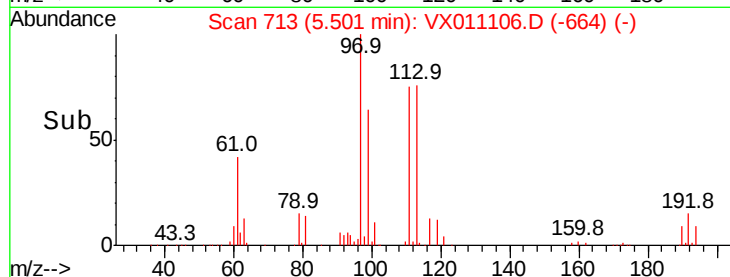
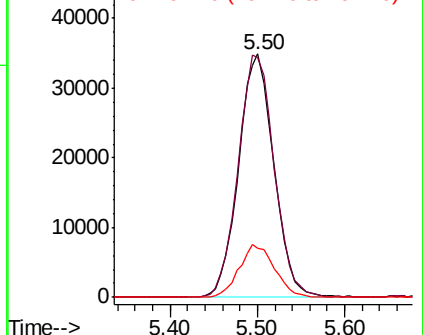
7/29/2019 11:53:29 AM



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: 48.754 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

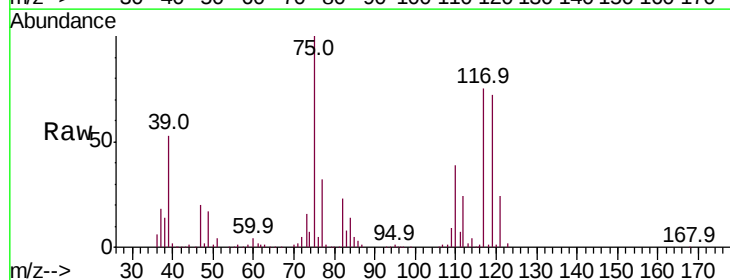
Tgt Ion: 75 Resp: 117285

Ion Ratio Lower Upper

75 100

110 38.7 19.9 59.7

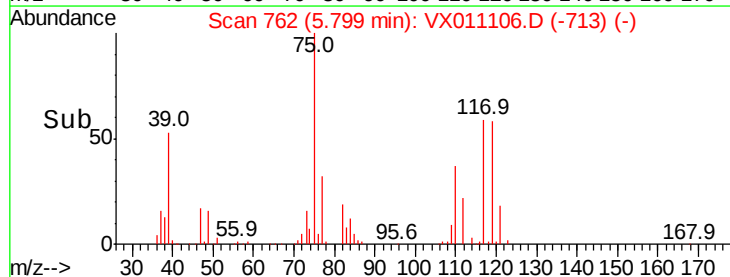
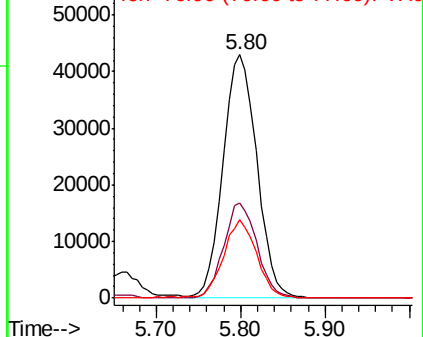
77 32.4 25.0 37.4

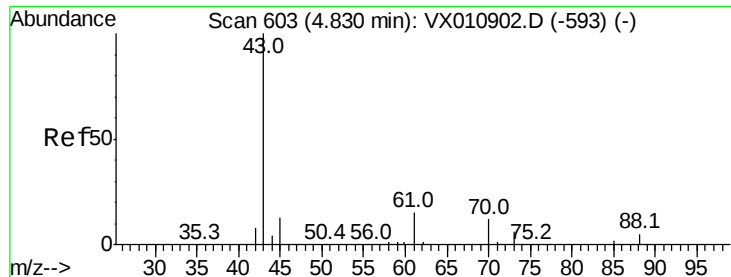


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





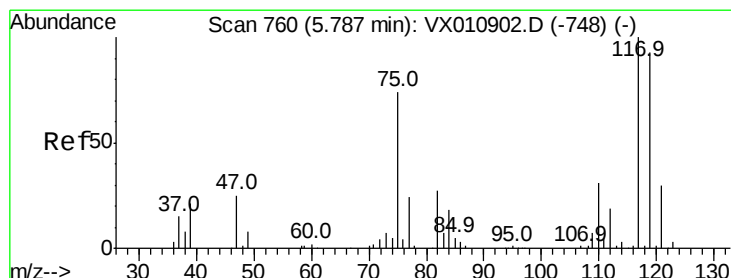
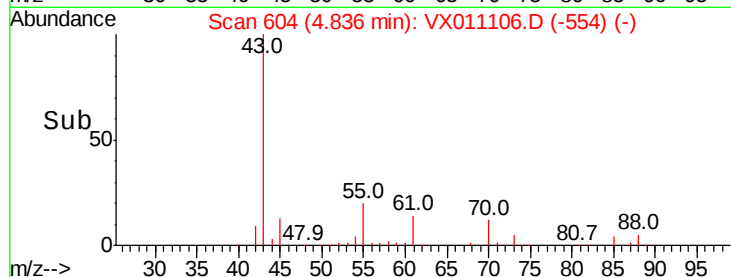
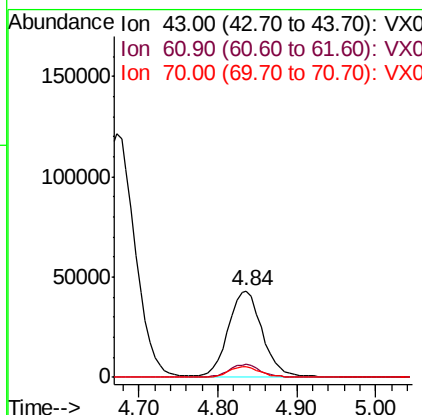
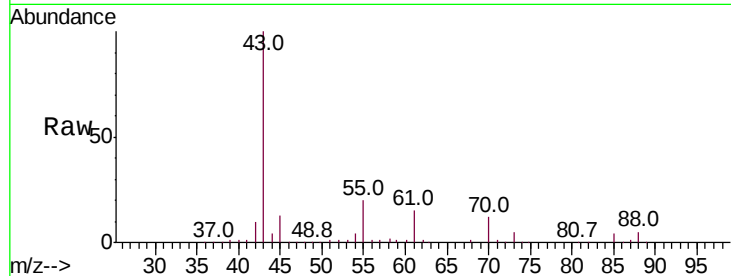
#37
Ethyl Acetate
Concen: 52.132 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.6	17.4
70	11.6	9.1	13.7

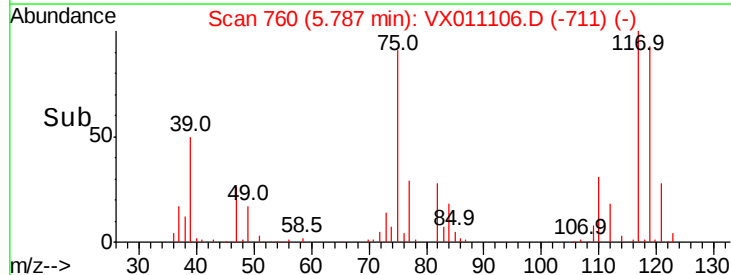
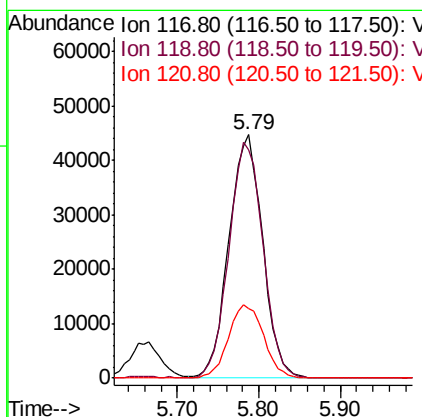
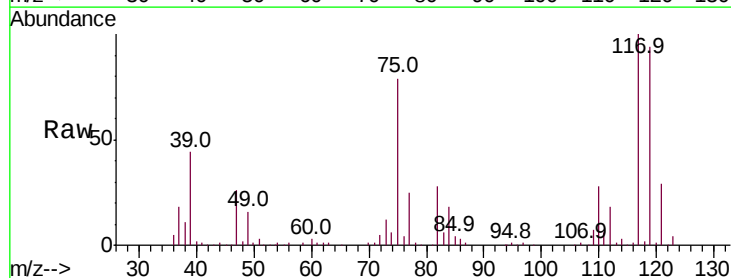
Manual Integrations
APPROVED

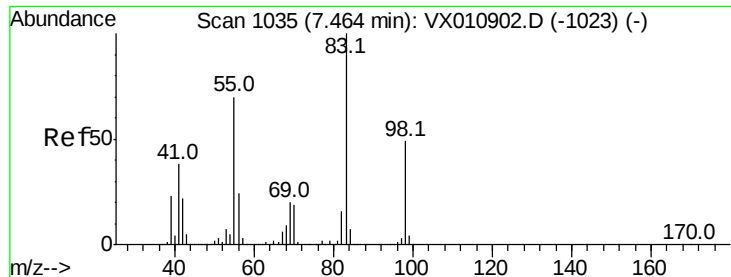
MMDadoda
7/29/2019 11:53:29 AM



#38
Carbon Tetrachloride
Concen: 51.067 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	74.2	111.2
121	28.8	24.2	36.2





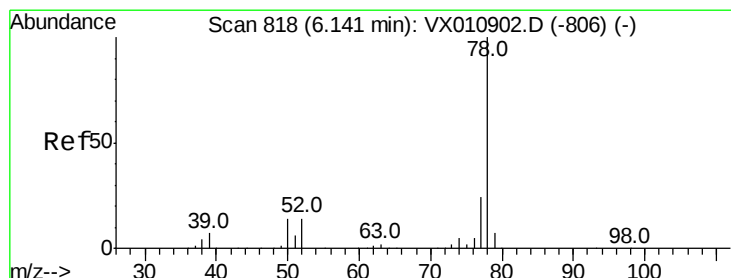
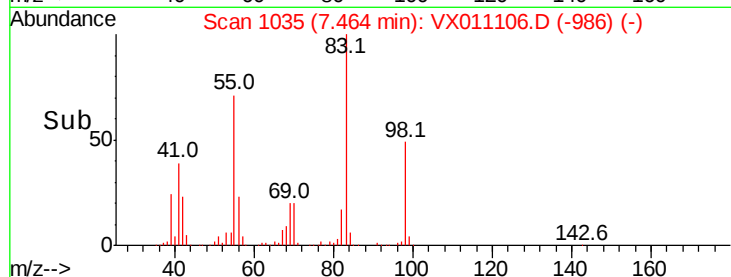
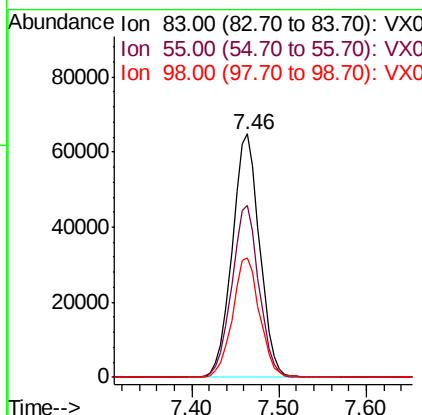
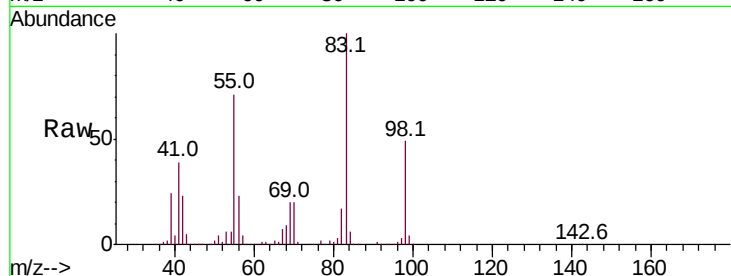
#39
Methvlcvclohexane
Concen: 45.233 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.8	56.2	84.4
98	48.9	39.0	58.4

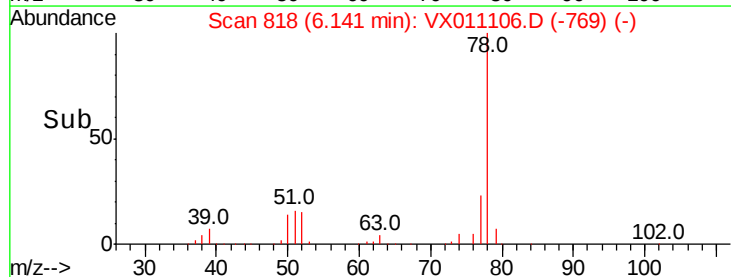
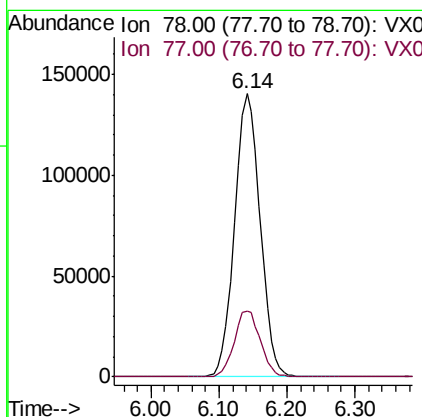
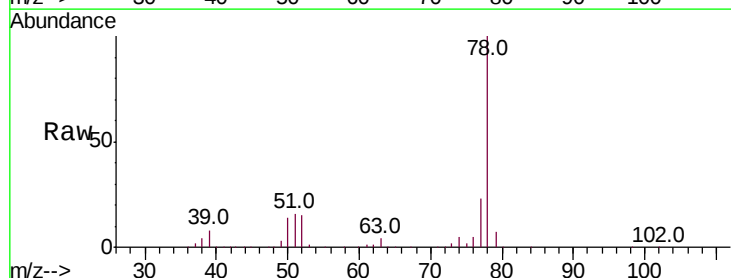
Manual Integrations
APPROVED

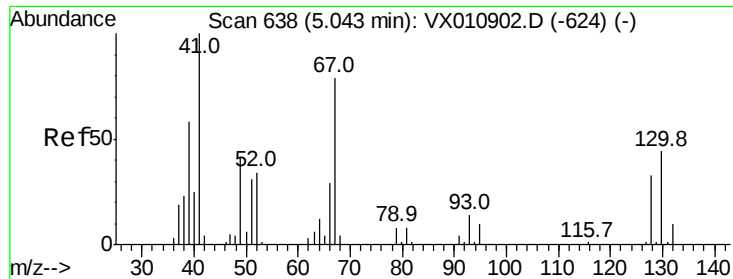
MMDadoda
7/29/2019 11:53:29 AM



#40
Benzene
Concen: 49.750 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6





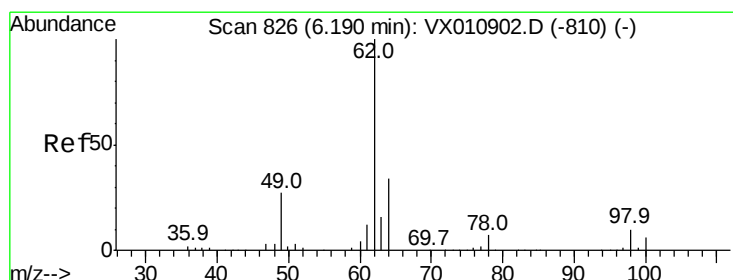
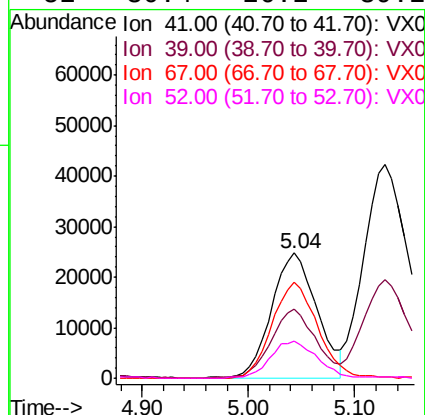
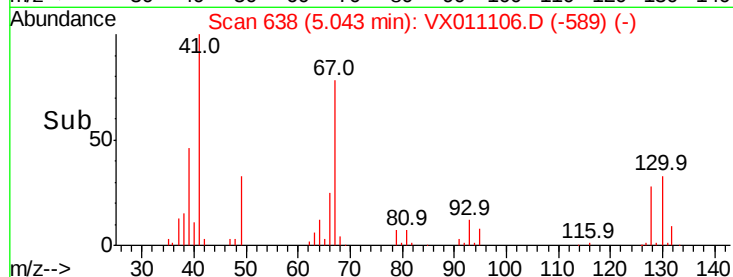
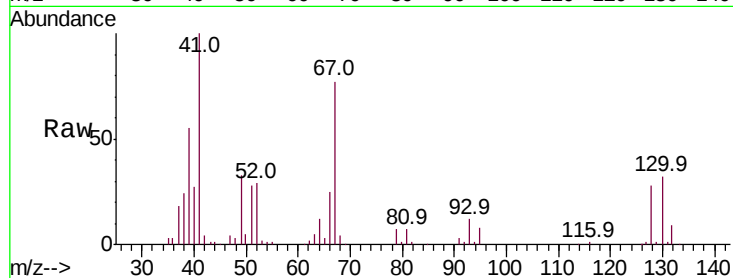
#41
Methacrylonitrile
Concen: 52.621 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.4	45.4	68.2	
67	76.5	65.9	98.9	
52	30.4	26.2	39.2	

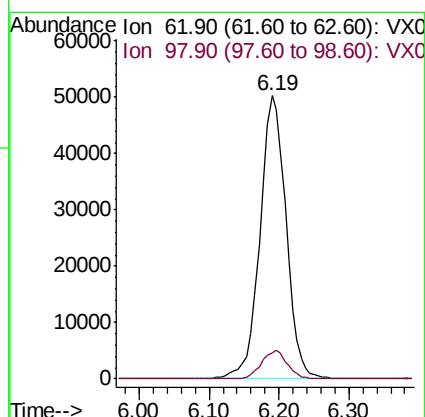
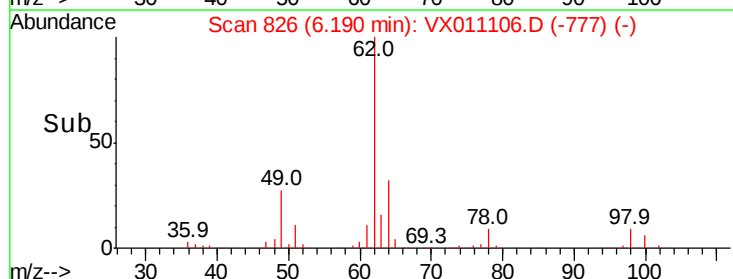
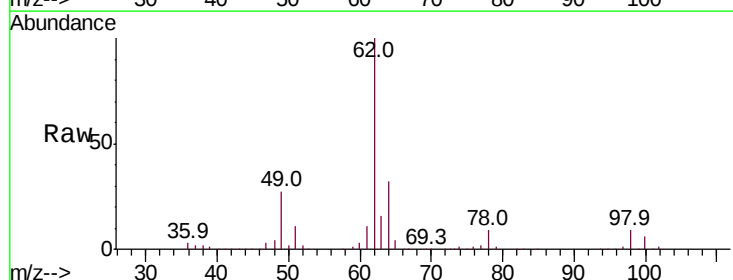
Manual Integrations
APPROVED

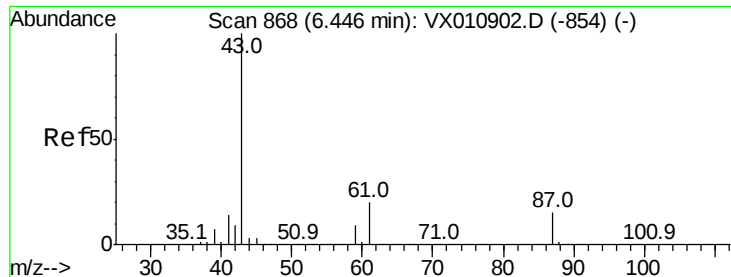
MMDadoda
7/29/2019 11:53:29 AM



#42
1,2-Dichloroethane
Concen: 51.092 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	20.0	





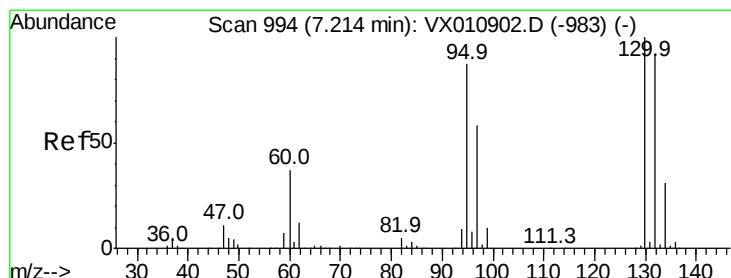
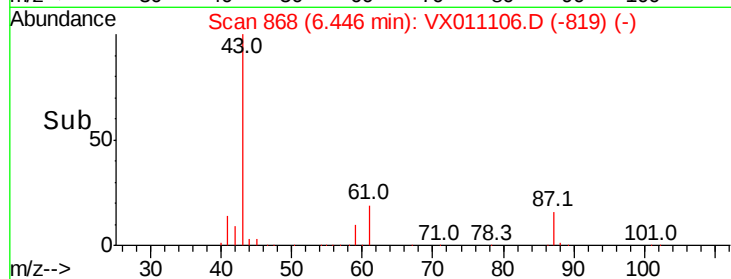
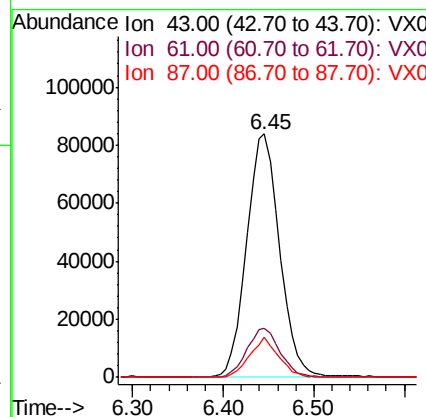
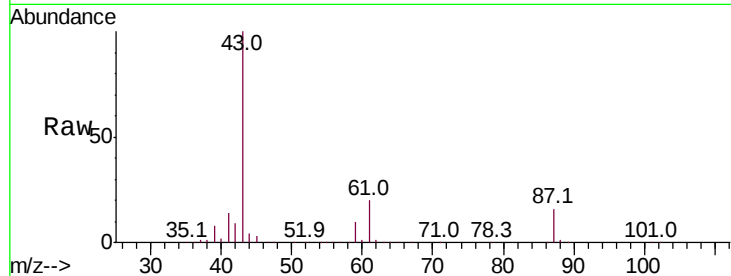
#43
Isopropyl Acetate
Concen: 52.007 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	210650
Ion	Ratio	Lower	Upper
43	100		
61	20.3	17.1	25.7
87	14.6	12.0	18.0

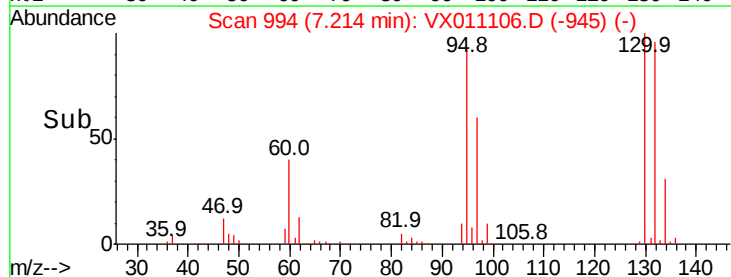
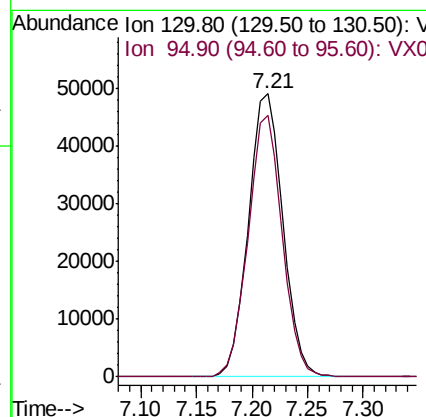
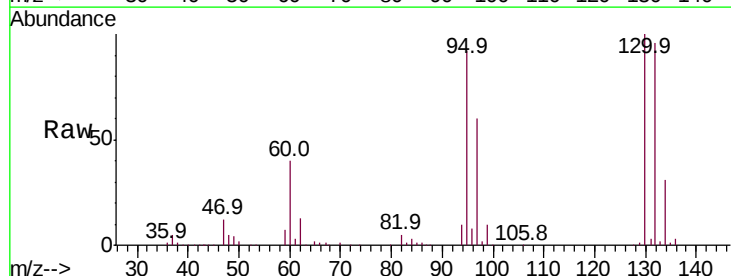
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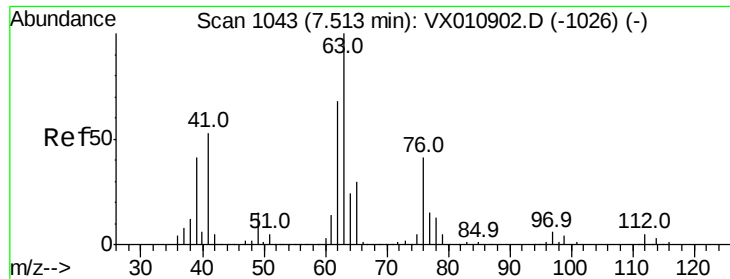
MMDadoda
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#44
Trichloroethene
Concen: 48.649 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion:	130	Resp:	106115
Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	174.8





#45

1,2-Dichloropropane

Concen: 50.330 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 94396

Ion Ratio Lower Upper

63 100

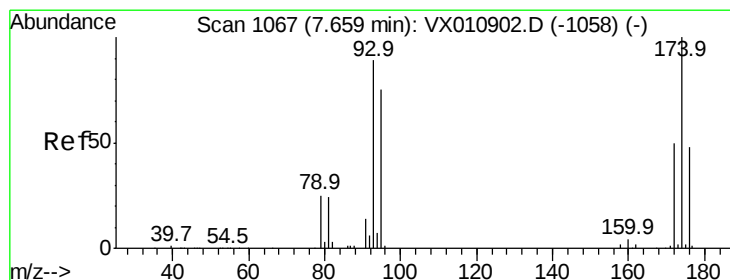
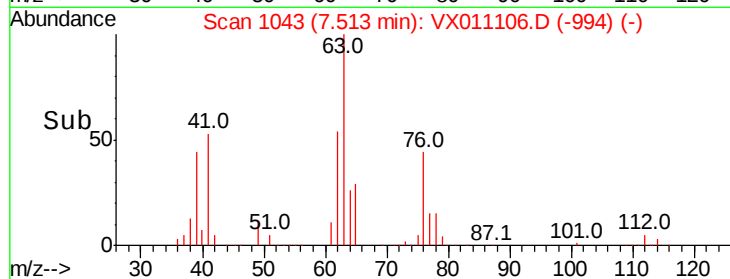
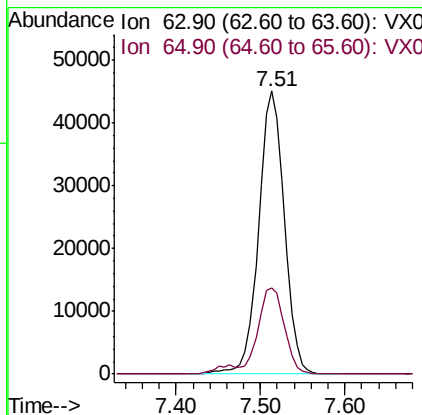
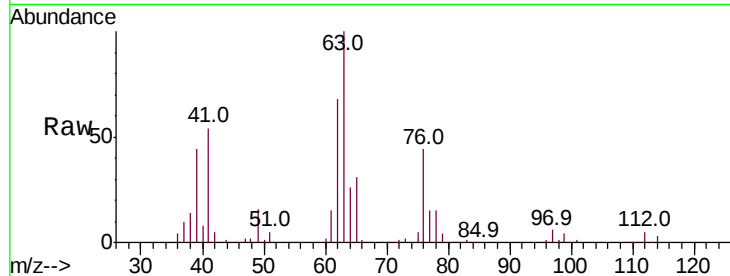
65 30.6 24.4 36.6

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#46

Dibromomethane

Concen: 51.152 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

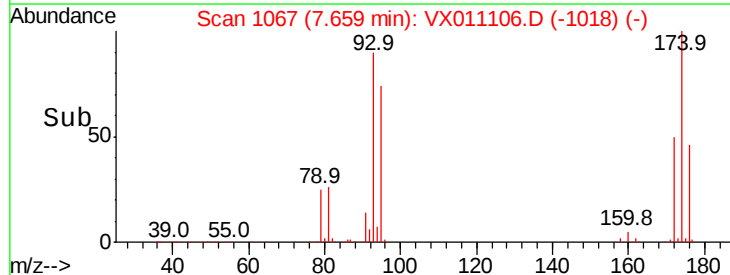
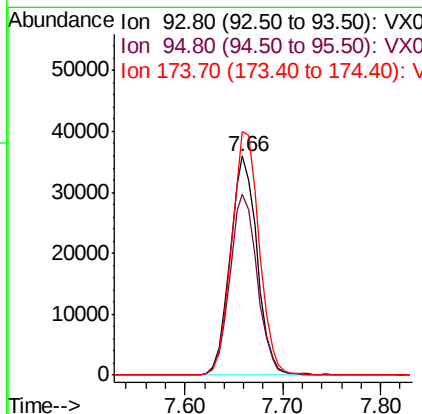
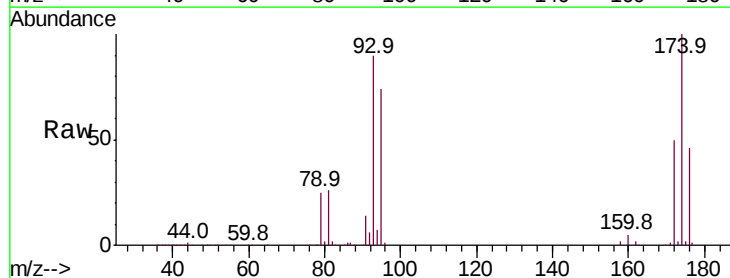
Tgt Ion: 93 Resp: 68553

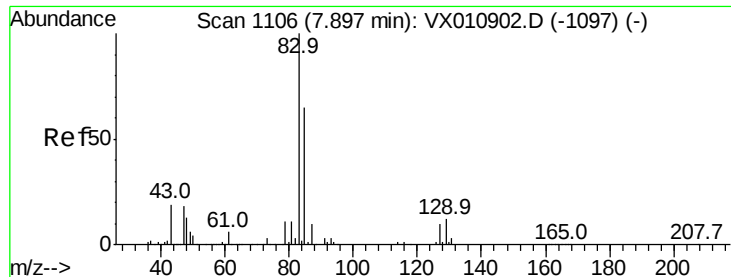
Ion Ratio Lower Upper

93 100

95 83.9 67.2 100.8

174 113.8 90.6 135.8





#47

Bromodichloromethane

Concen: 53.322 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

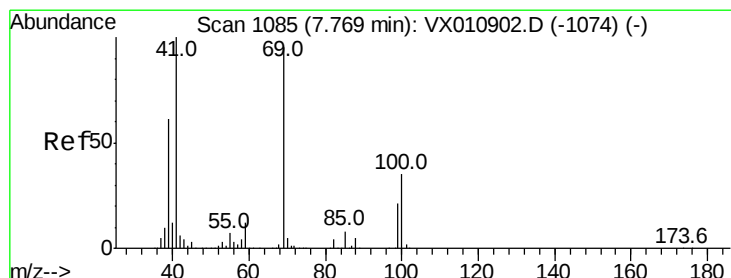
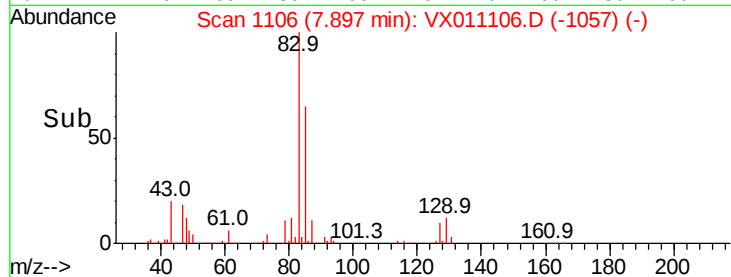
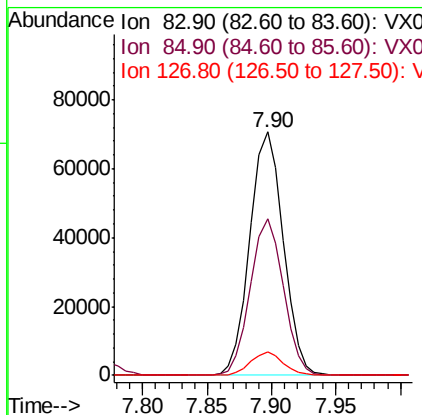
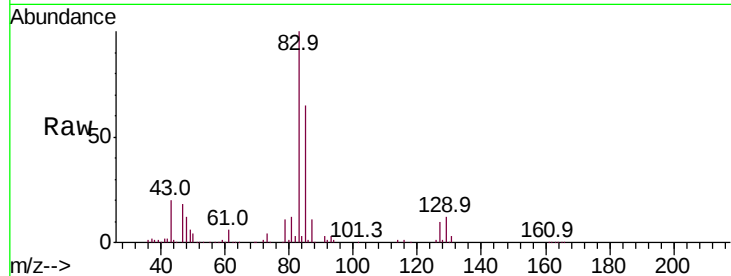
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	127208
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.5	78.7
127	9.6	7.8	11.8

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#48

Methyl methacrylate

Concen: 51.662 ug/l

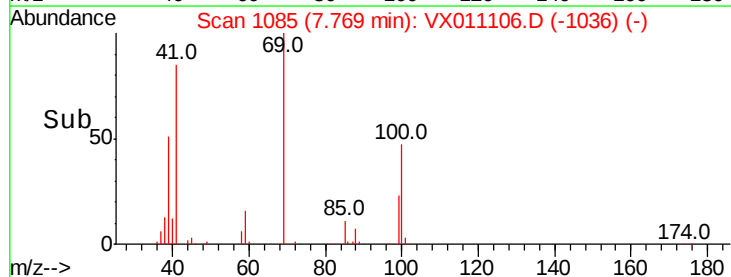
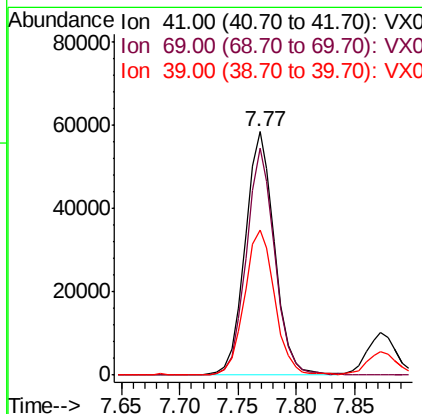
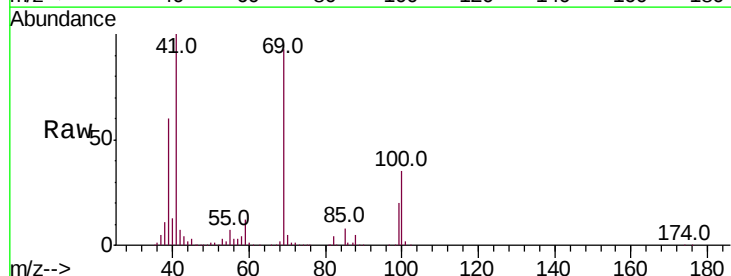
RT: 7.77 min Scan# 1085

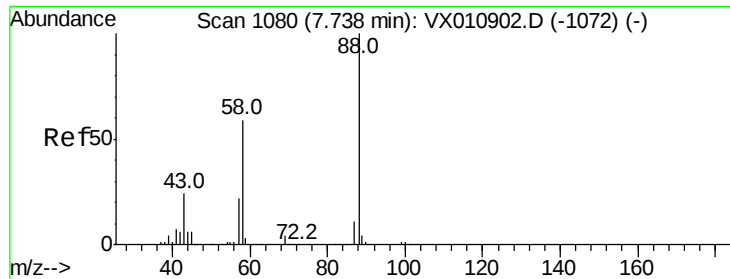
Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Tgt Ion:	41	Resp:	101938
Ion	Ratio	Lower	Upper
41	100		
69	91.2	74.4	111.6
39	61.6	48.9	73.3





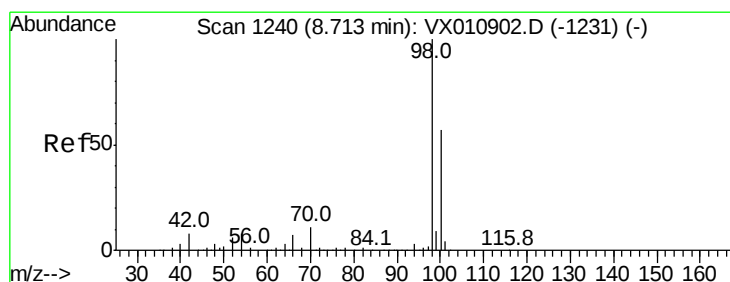
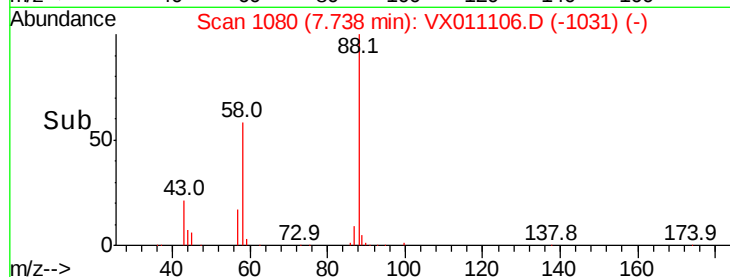
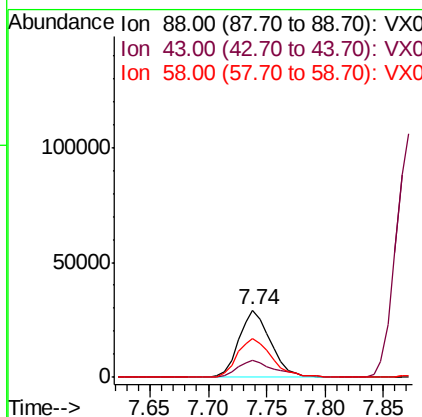
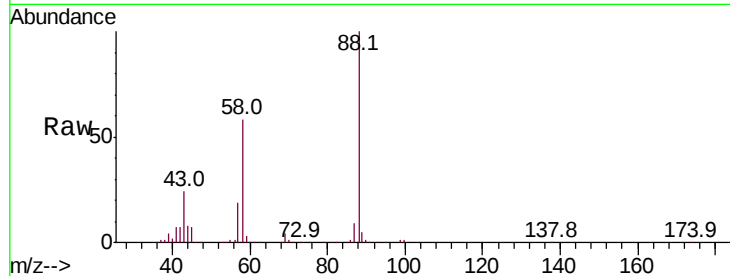
#49
1,4-Dioxane
Concen: 997.741 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.6	22.9	34.3
58	63.9	49.8	74.8

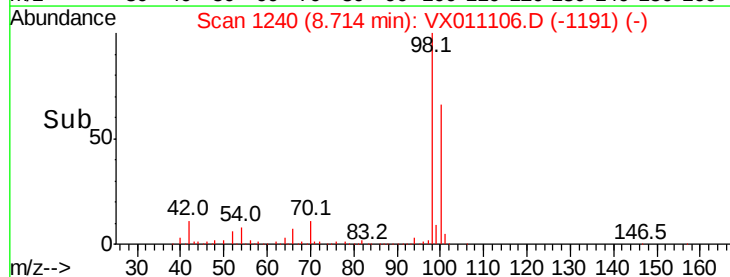
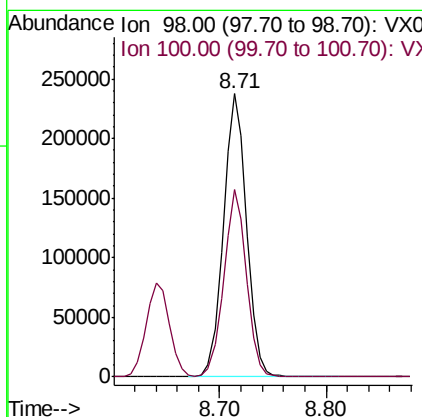
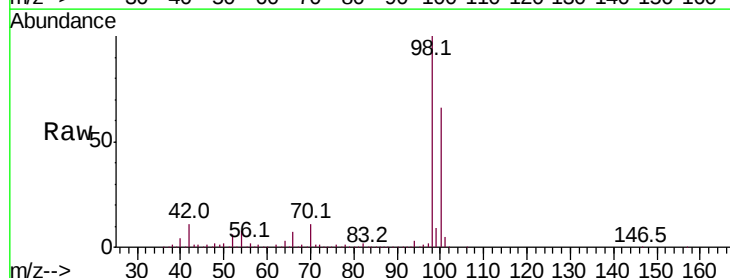
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#50
Toluene-d8
Concen: 51.398 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 270.456 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 710116

Ion Ratio Lower Upper

43 100

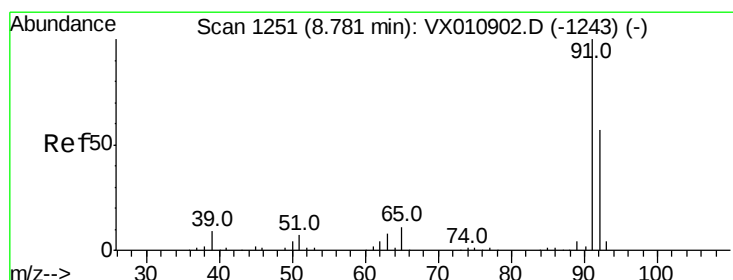
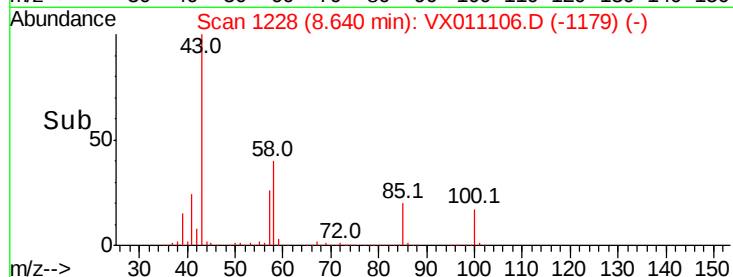
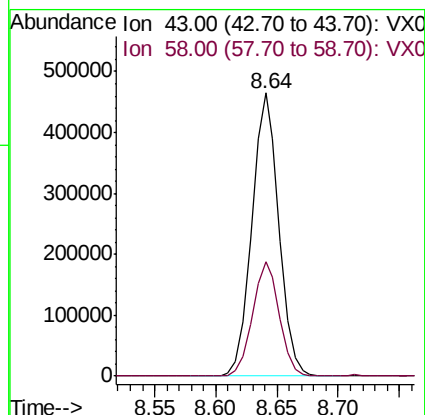
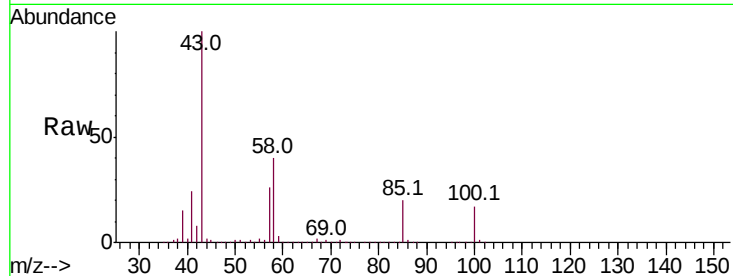
58 40.3 32.2 48.4

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#52

Toluene

Concen: 49.533 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011106.D

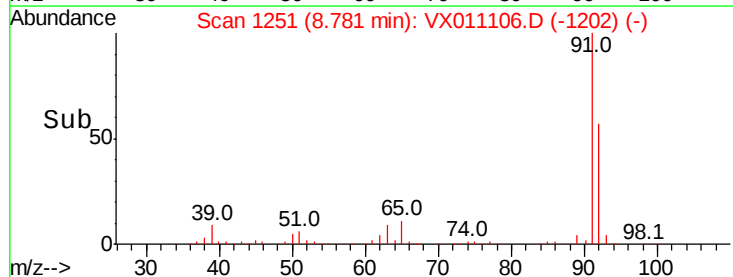
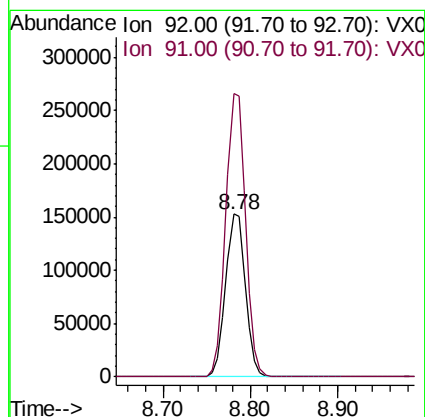
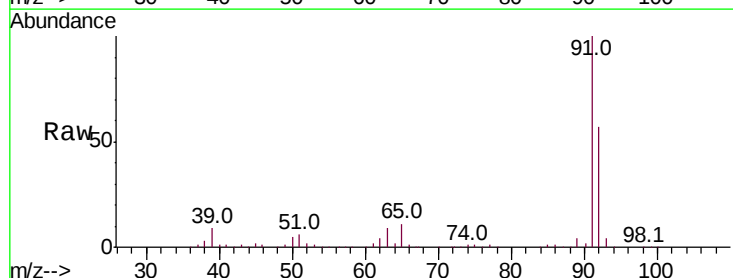
Acq: 26 Jul 2019 21:16

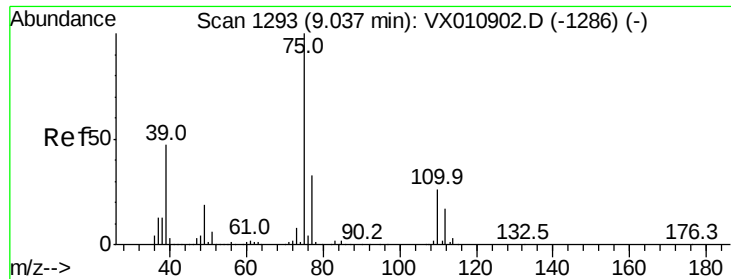
Tgt Ion: 92 Resp: 239783

Ion Ratio Lower Upper

92 100

91 174.4 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 51.677 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 132560

Ion Ratio Lower Upper

75 100

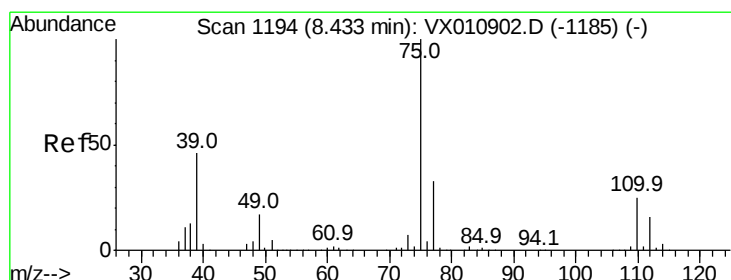
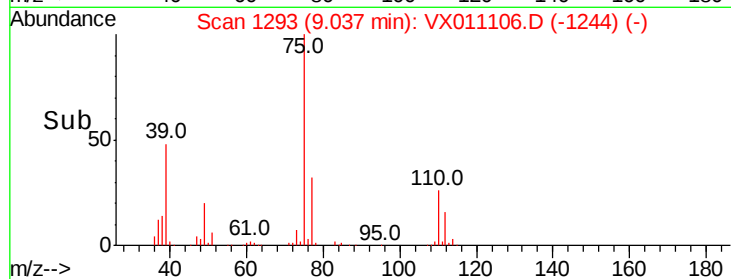
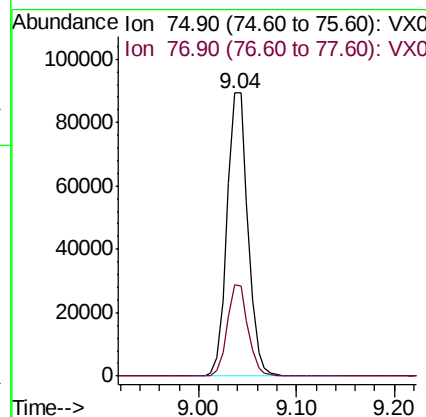
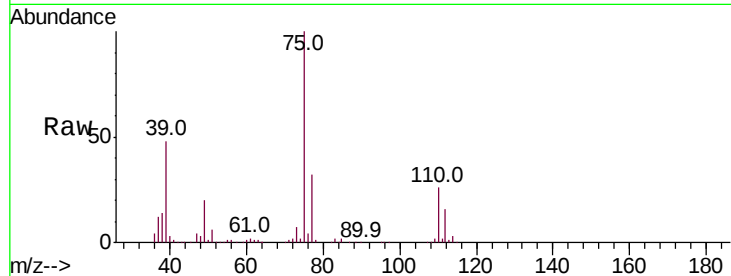
77 32.4 26.2 39.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 50.764 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

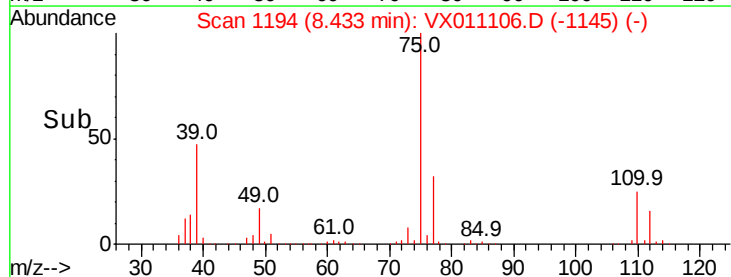
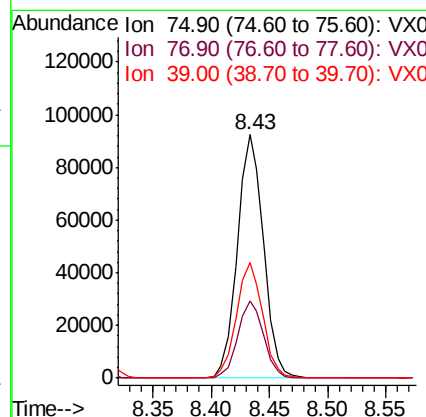
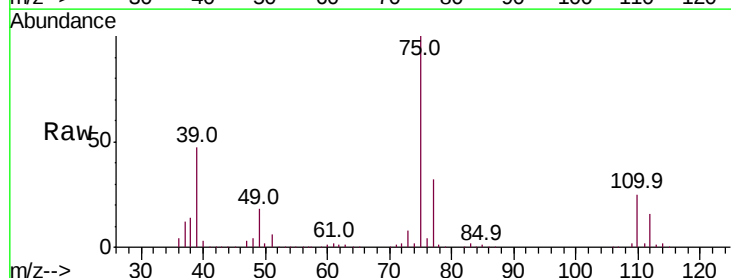
Tgt Ion: 75 Resp: 144898

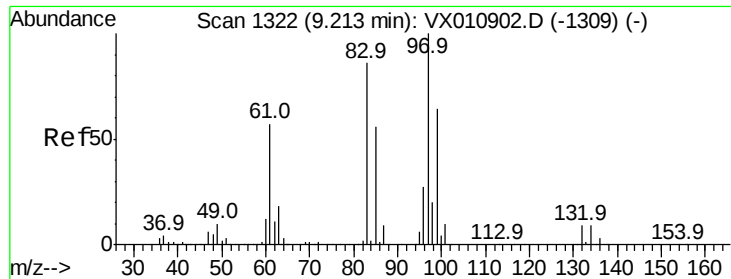
Ion Ratio Lower Upper

75 100

77 31.8 26.1 39.1

39 47.3 36.6 54.8





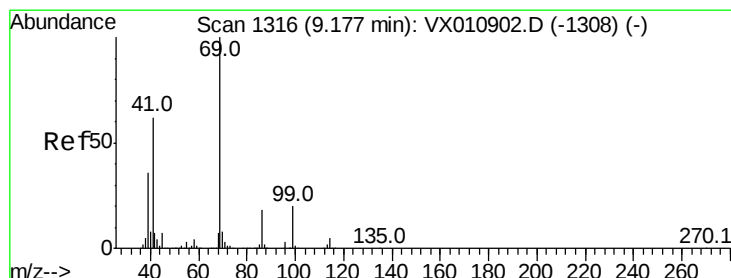
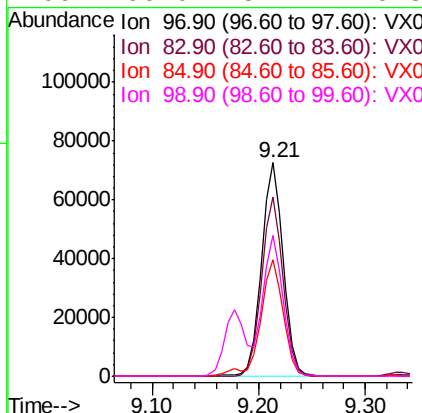
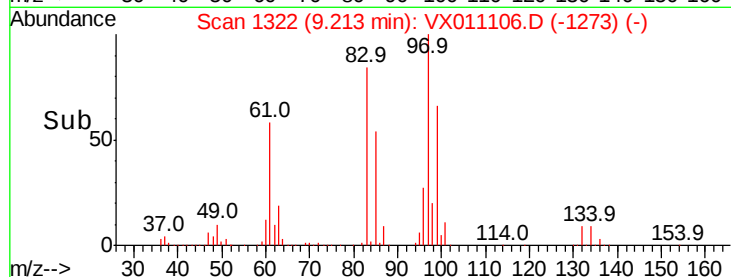
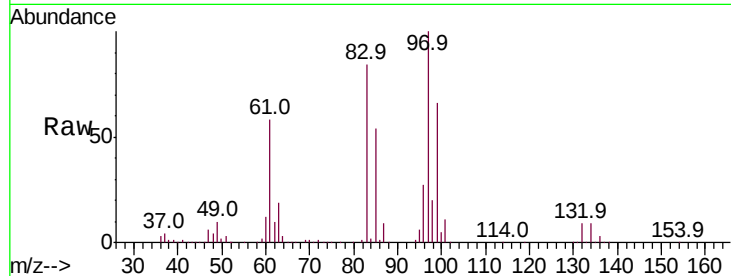
#55
1,1,2-Trichloroethane
Concen: 51.941 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.0	69.2	103.8
85	54.3	44.6	66.8
99	66.0	51.2	76.8

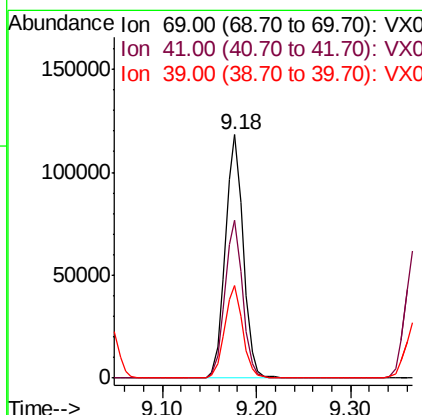
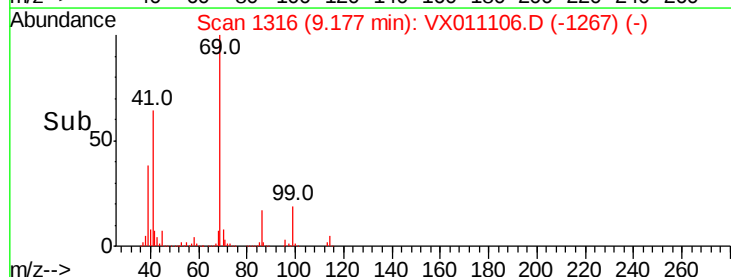
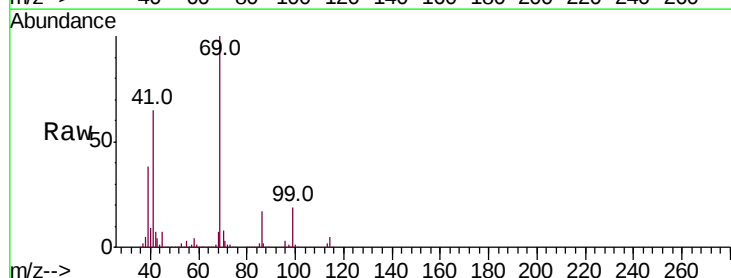
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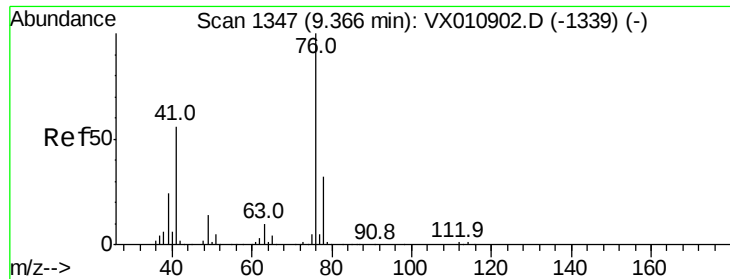
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#56
Ethyl methacrylate
Concen: 53.639 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.6	49.7	74.5
39	37.7	29.6	44.4





#57

1,3-Dichloropropane

Concen: 51.531 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 162941

Ion Ratio Lower Upper

76 100

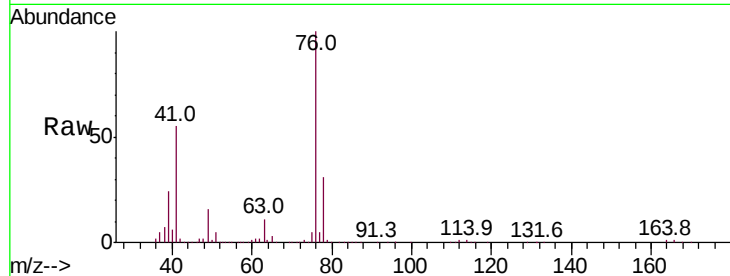
78 32.3 25.6 38.4

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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

120000

100000

80000

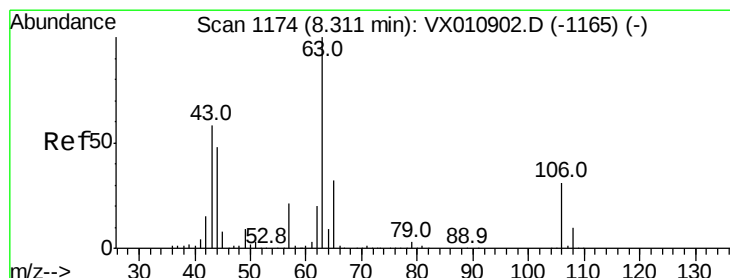
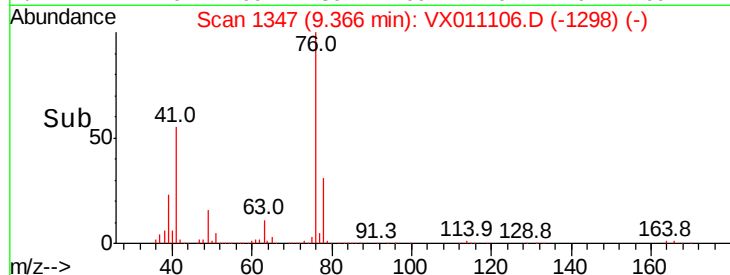
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 258.756 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX011106.D

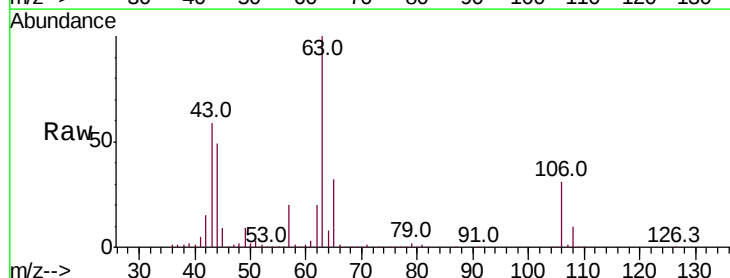
Acq: 26 Jul 2019 21:16

Tgt Ion: 63 Resp: 360134

Ion Ratio Lower Upper

63 100

106 30.6 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

250000

200000

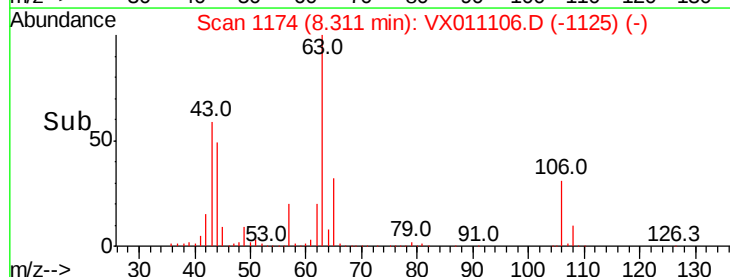
150000

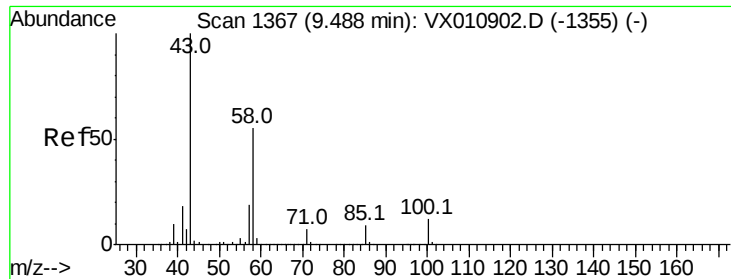
100000

50000

0

Time-->





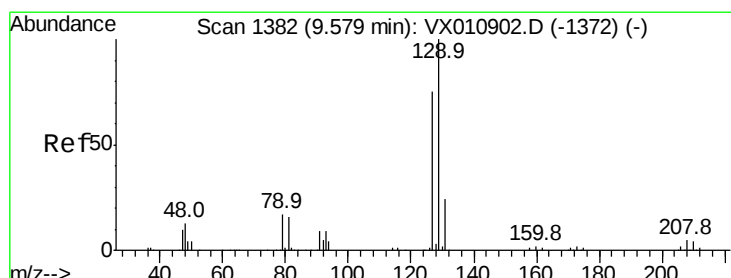
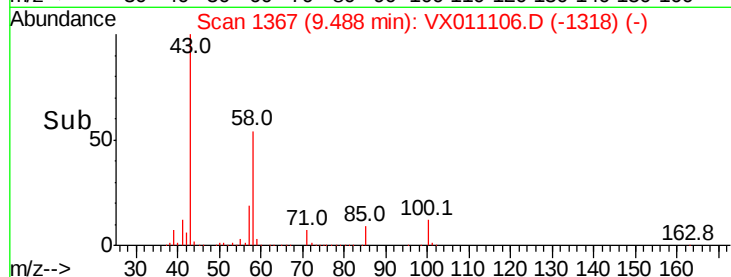
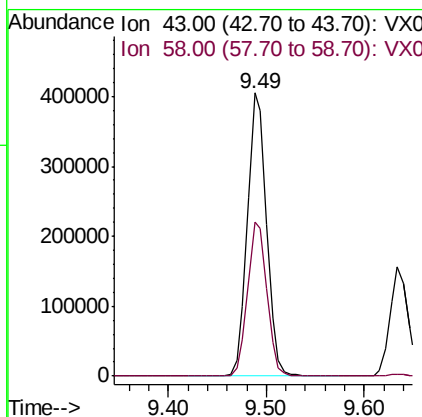
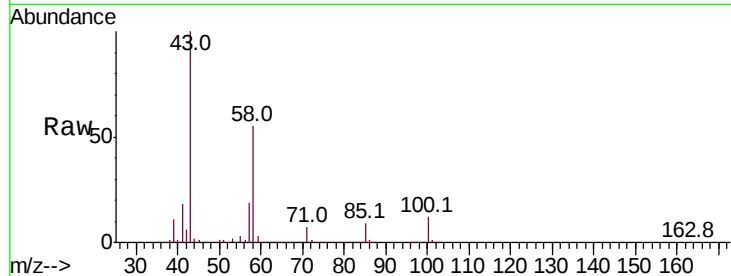
#59
2-Hexanone
Concen: 269.772 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 549384
Ion Ratio Lower Upper
43 100
58 55.2 28.0 83.9

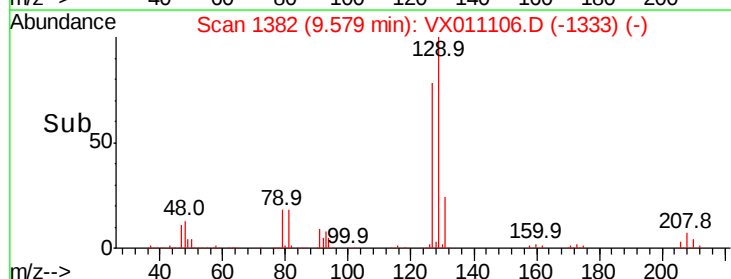
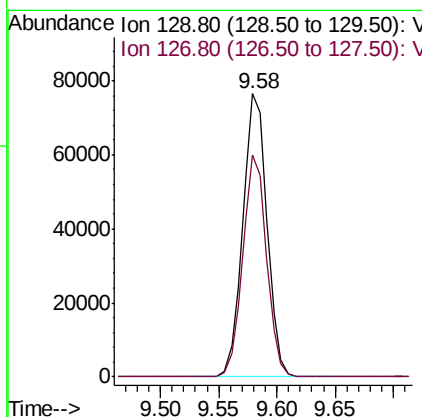
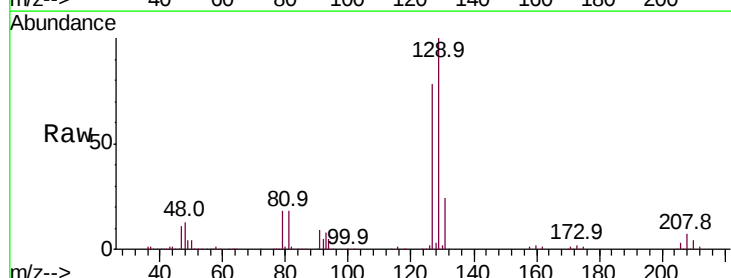
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#60
Dibromochloromethane
Concen: 48.499 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion: 129 Resp: 111070
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 52.276 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 110580

Ion Ratio Lower Upper

107 100

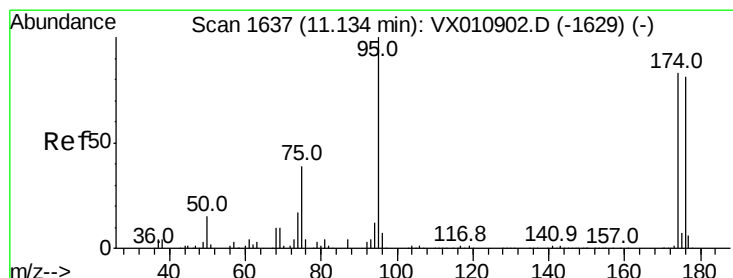
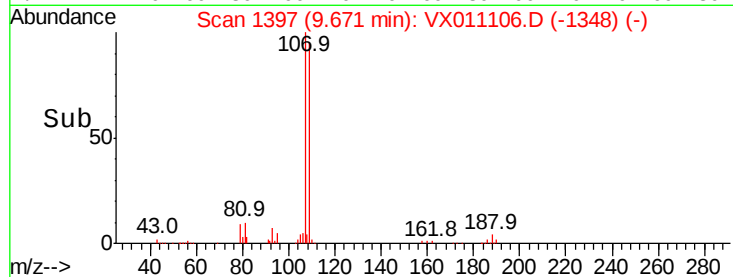
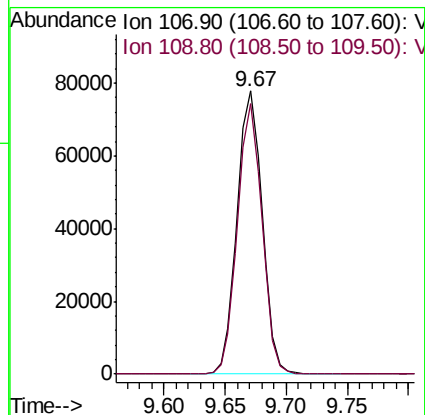
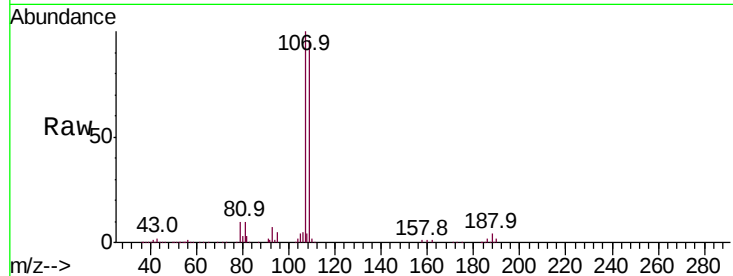
109 93.4 75.4 113.0

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#62

4-Bromofluorobenzene

Concen: 54.584 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

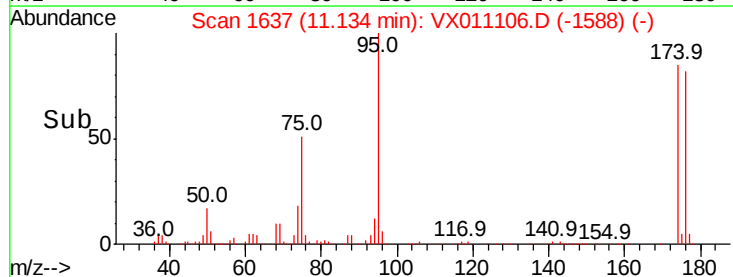
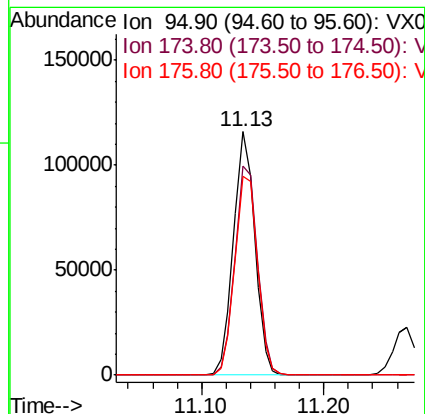
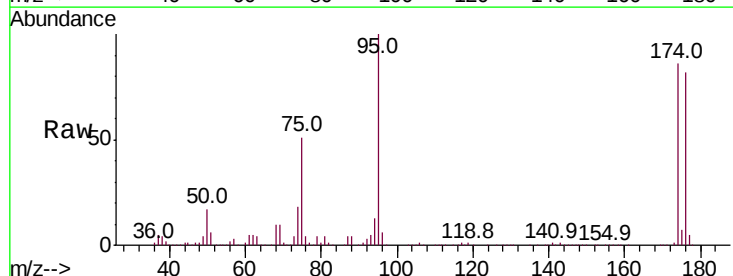
Tgt Ion: 95 Resp: 139882

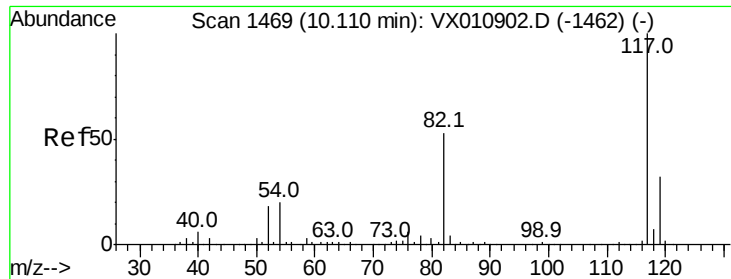
Ion Ratio Lower Upper

95 100

174 90.4 0.0 180.6

176 87.1 0.0 173.8





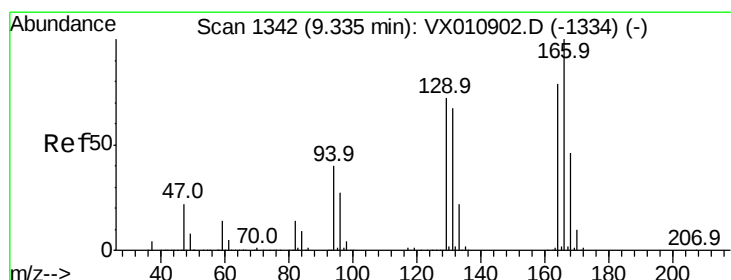
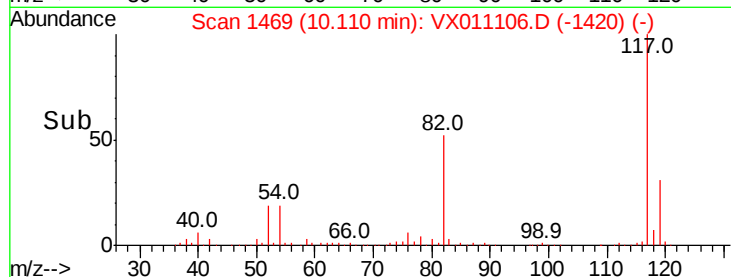
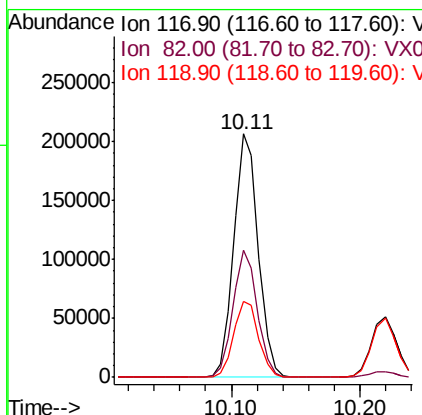
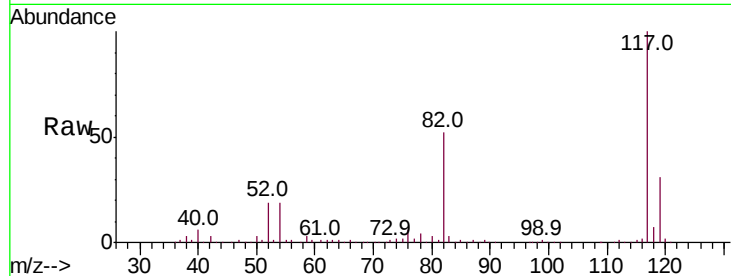
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.6	63.8
119	31.4	25.9	38.9

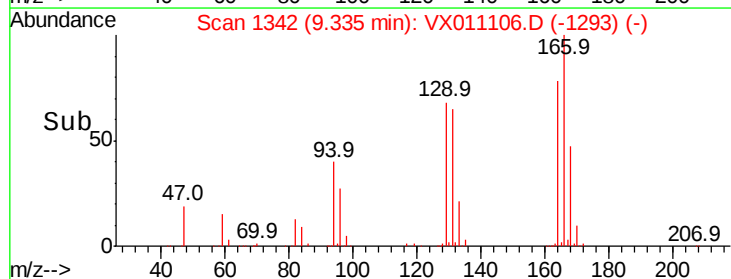
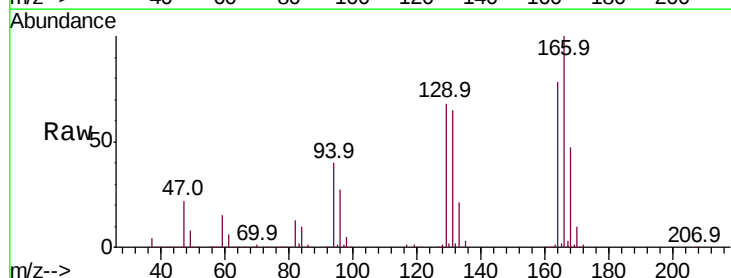
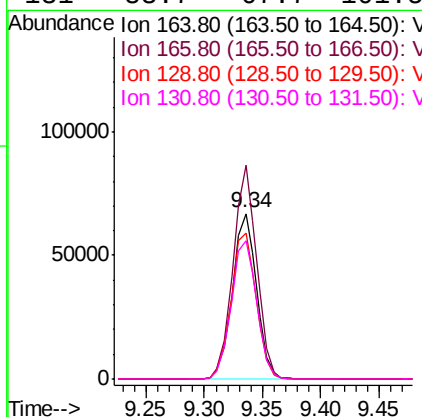
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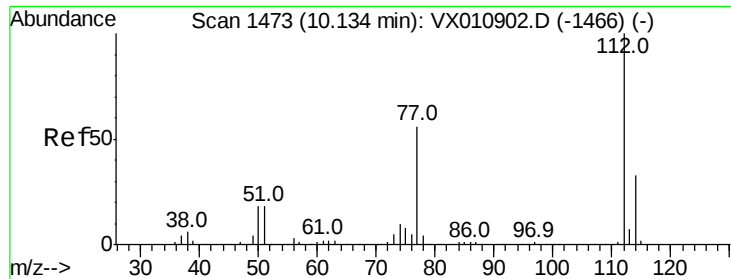
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#64
Tetrachloroethene
Concen: 44.882 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	100.8	151.2
129	87.8	72.6	109.0
131	83.7	67.7	101.5





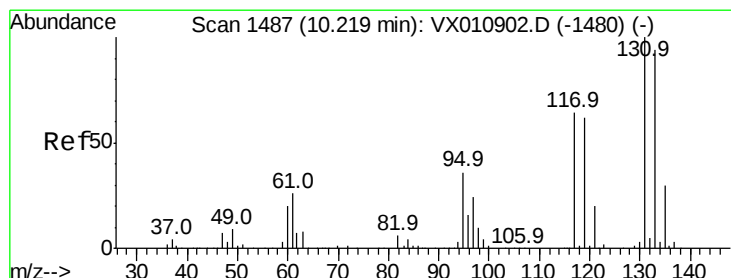
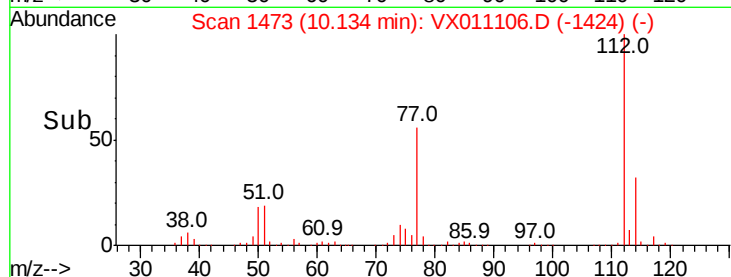
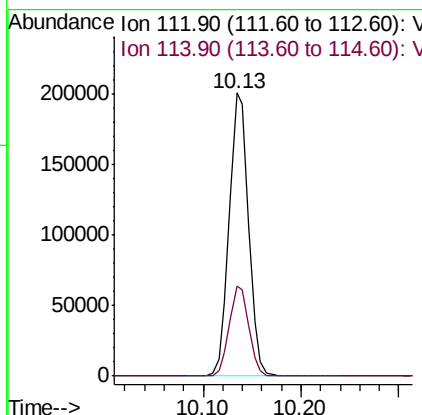
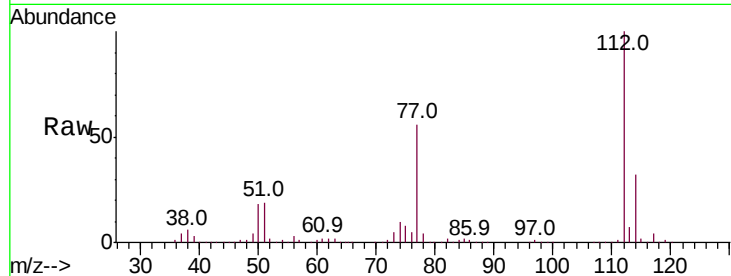
#65
Chlorobenzene
Concen: 49.196 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 276396
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.4

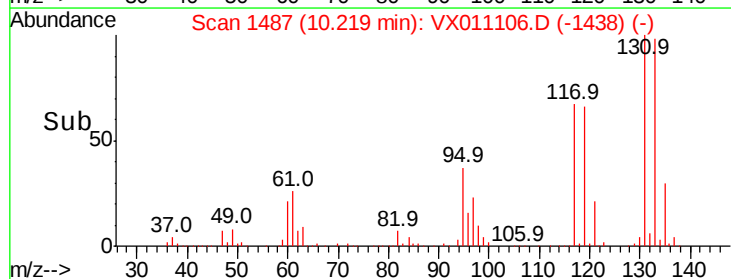
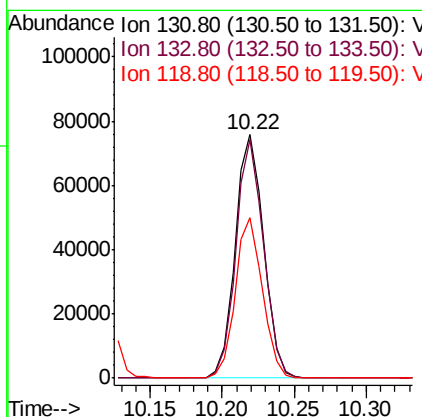
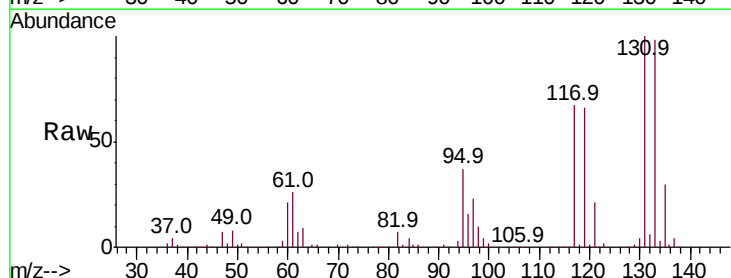
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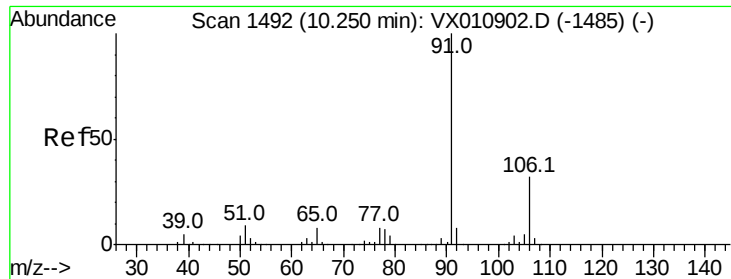
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.852 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion:131 Resp: 104358
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 63.2 31.9 95.7





#67

Ethyl Benzene

Concen: 49.758 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 475831

Ion Ratio Lower Upper

91 100

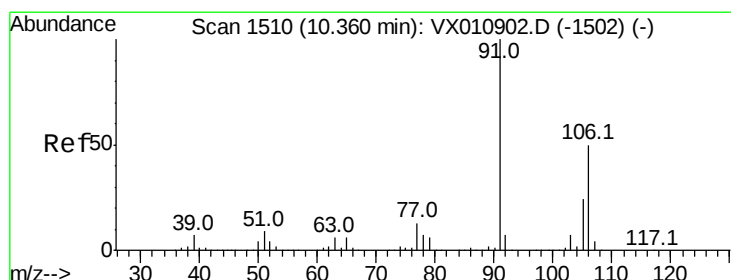
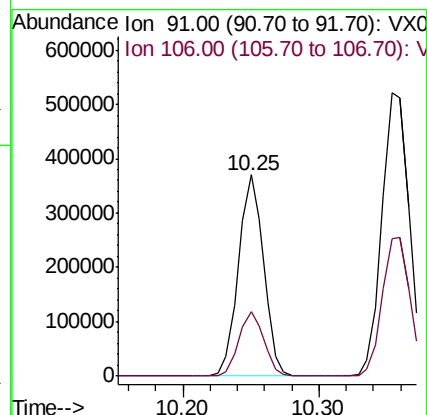
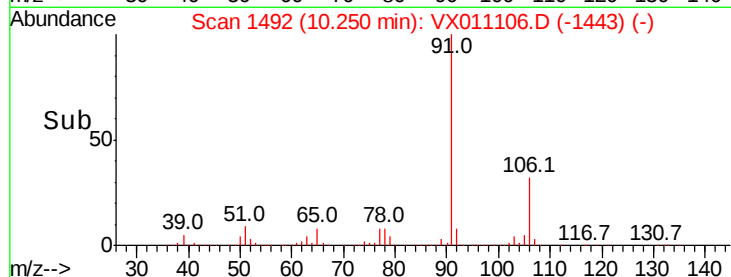
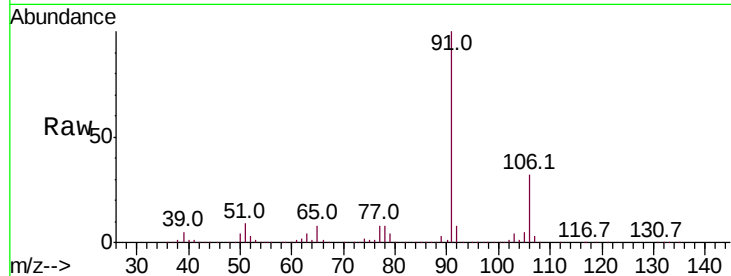
106 32.2 25.4 38.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 98.713 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX011106.D

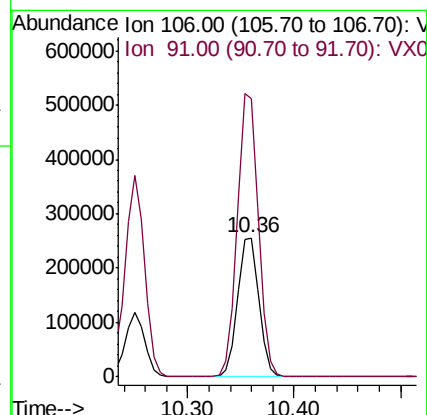
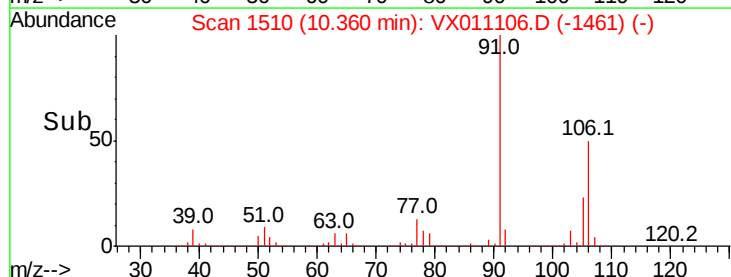
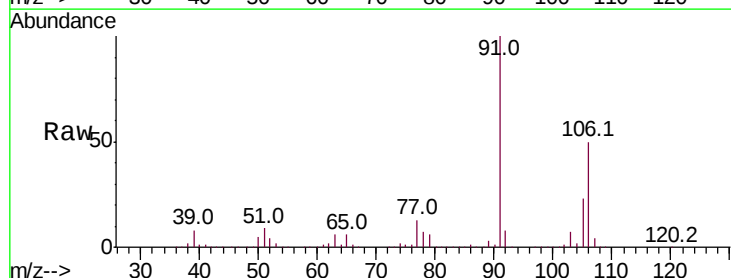
Acq: 26 Jul 2019 21:16

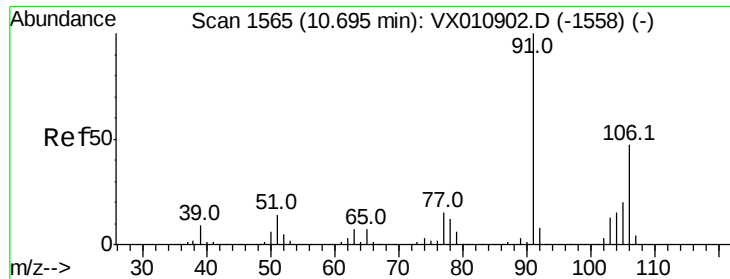
Tgt Ion: 106 Resp: 362102

Ion Ratio Lower Upper

106 100

91 201.0 160.1 240.1





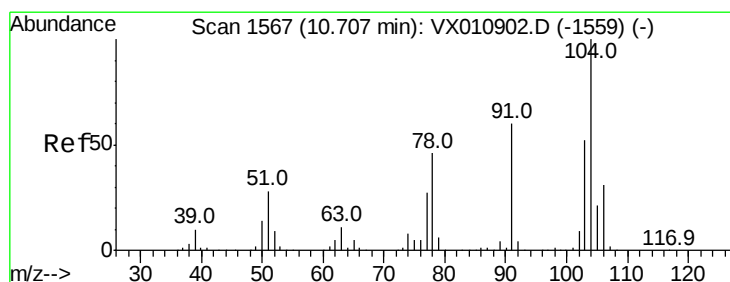
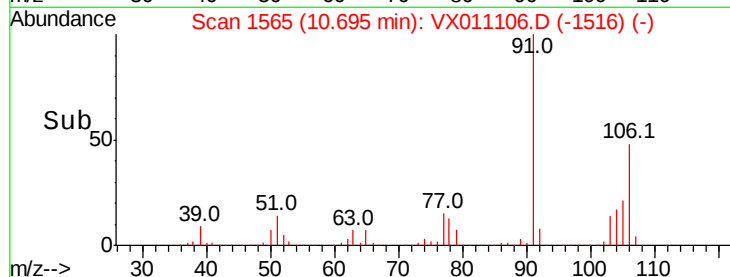
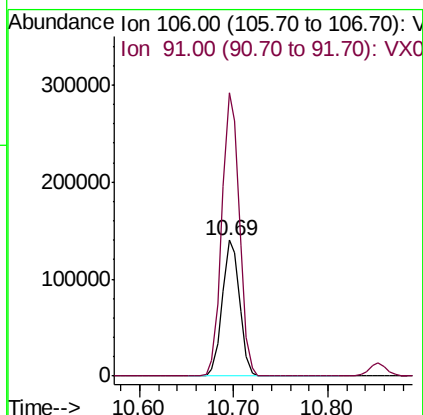
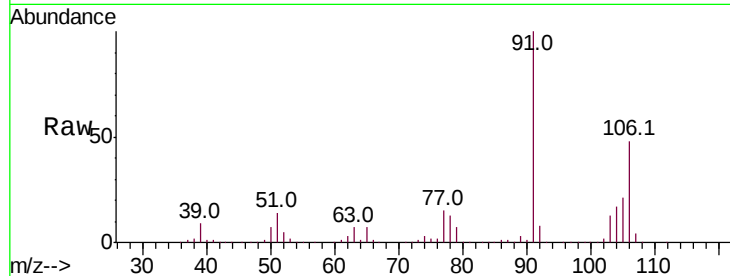
#69
o-Xylene
Concen: 50.069 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 179247
Ion Ratio Lower Upper
106 100
91 210.1 105.1 315.3

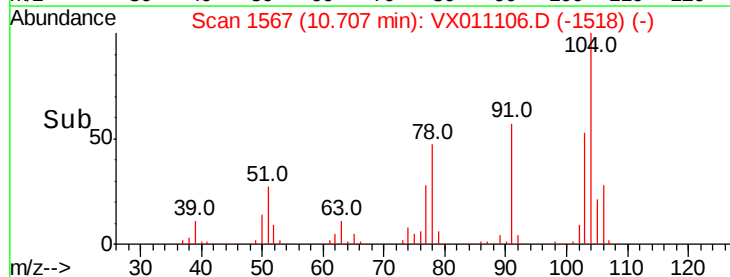
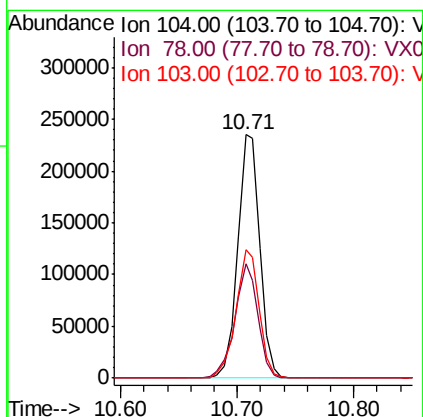
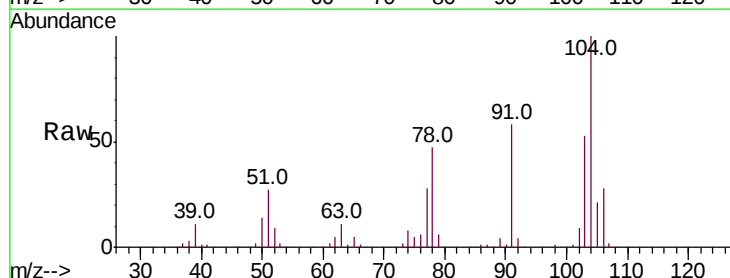
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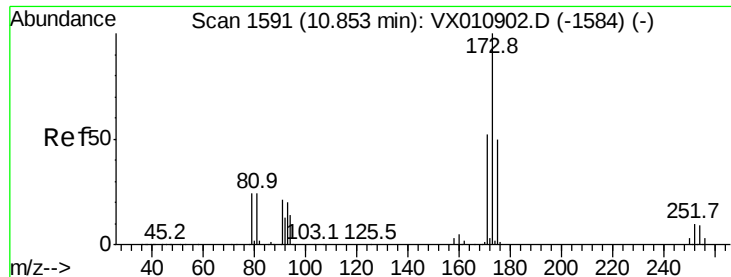
MMDadoda
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#70
Styrene
Concen: 52.086 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion:104 Resp: 310846
Ion Ratio Lower Upper
104 100
78 49.0 38.8 58.2
103 55.4 44.2 66.4





#71

Bromoform

Concen: 47.585 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 85318

Ion Ratio Lower Upper

173 100

175 47.9 24.6 73.6

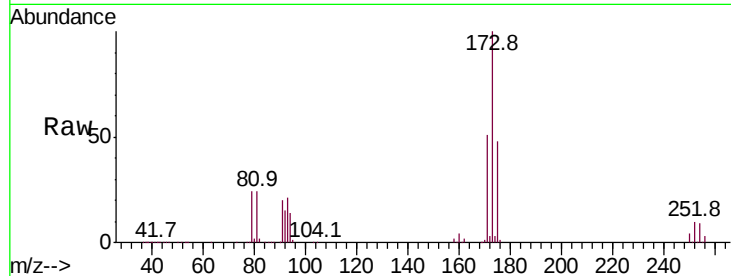
254 0.1 0.1 0.1#

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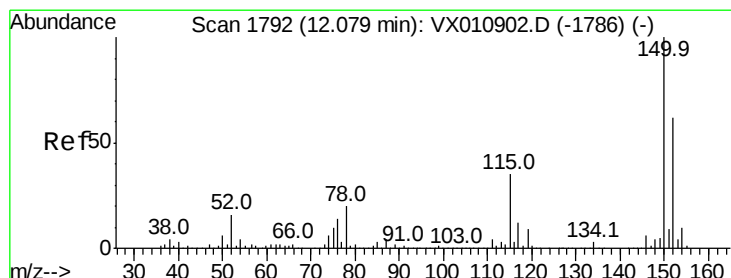
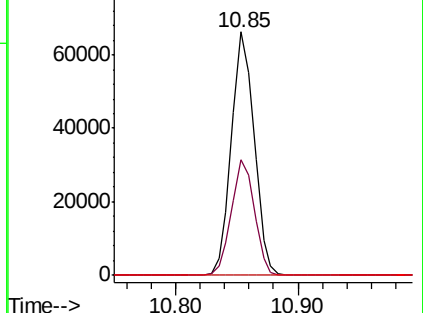
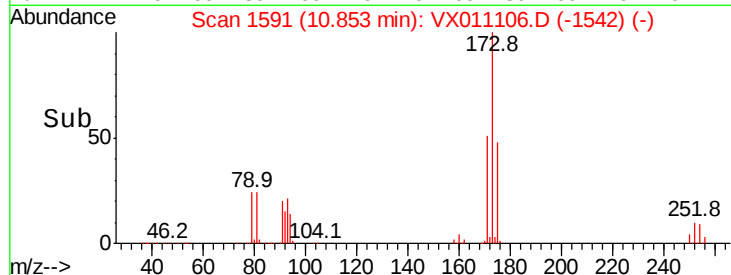
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

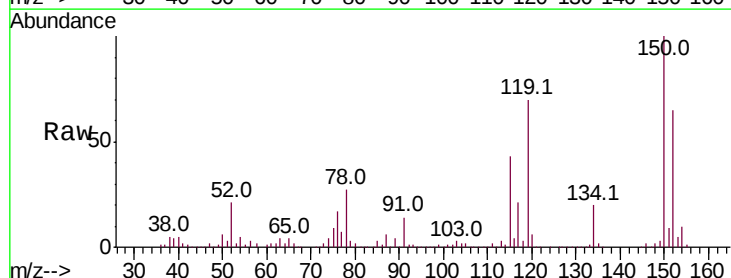
Tgt Ion:152 Resp: 147566

Ion Ratio Lower Upper

152 100

115 79.6 39.7 119.1

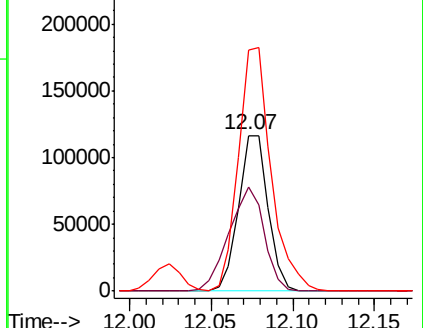
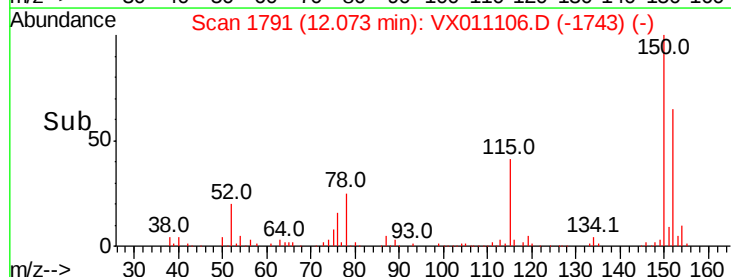
150 172.4 0.0 345.6

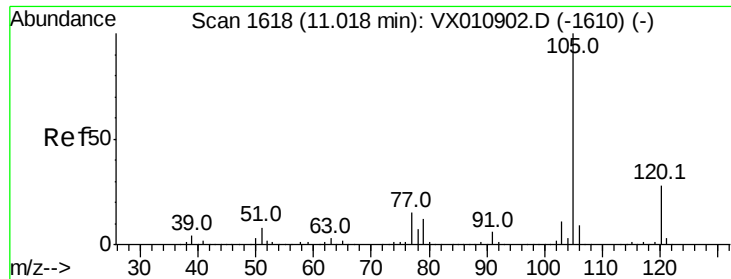


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.976 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 488339

Ion Ratio Lower Upper

105 100

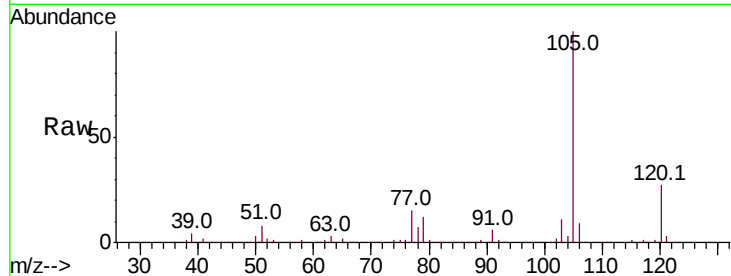
120 27.0 13.7 41.1

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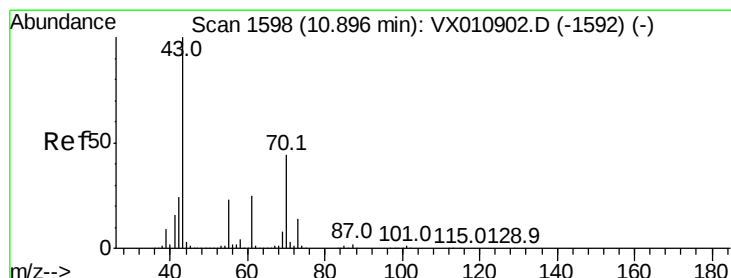
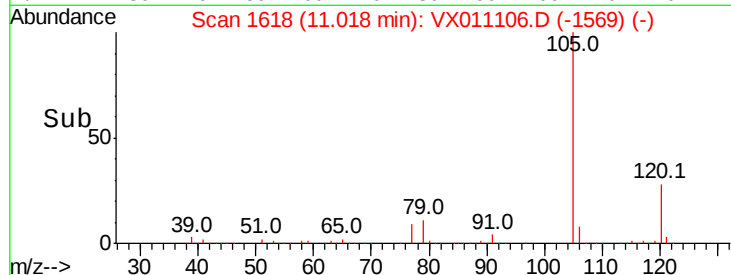
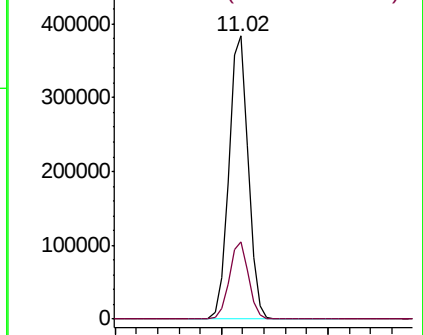
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.769 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Tgt Ion: 43 Resp: 197232

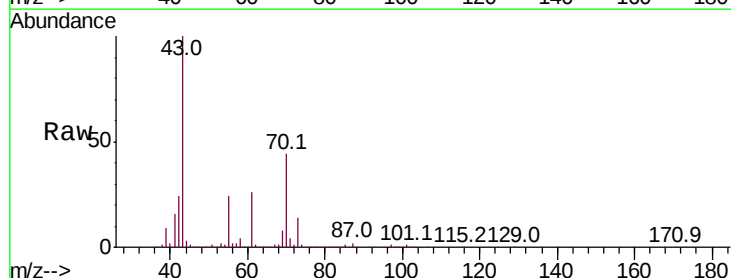
Ion Ratio Lower Upper

43 100

70 43.8 34.7 52.1

55 23.6 19.1 28.7

61 24.9 19.9 29.9

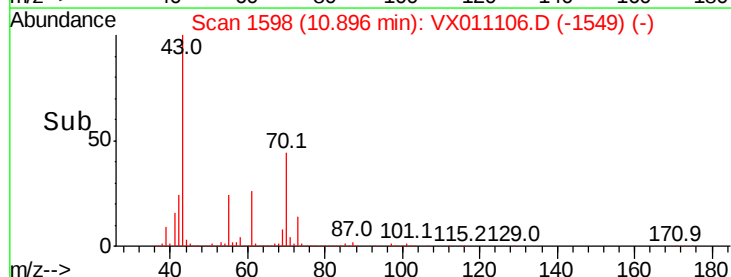
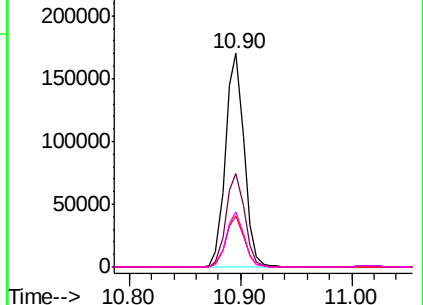


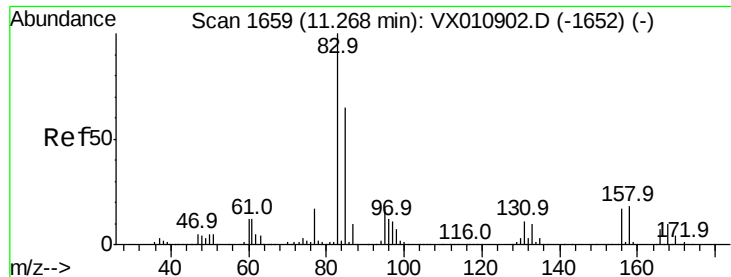
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.521 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 164854

Ion Ratio Lower Upper

83 100

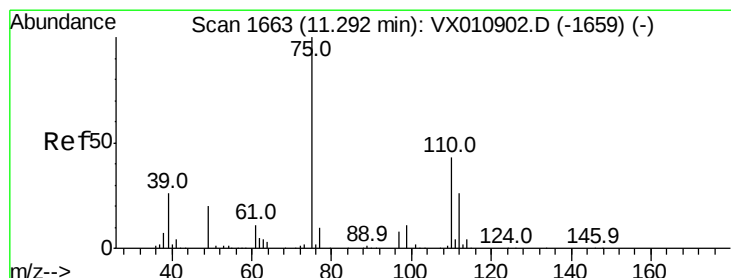
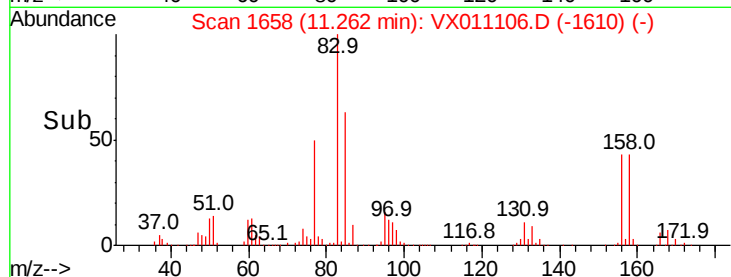
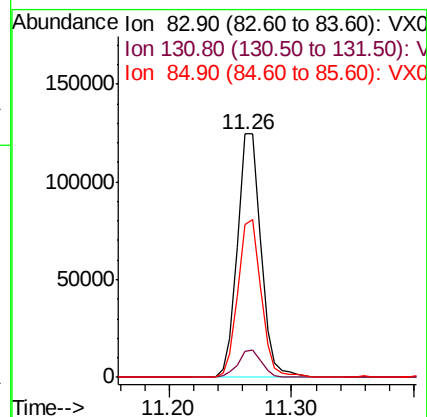
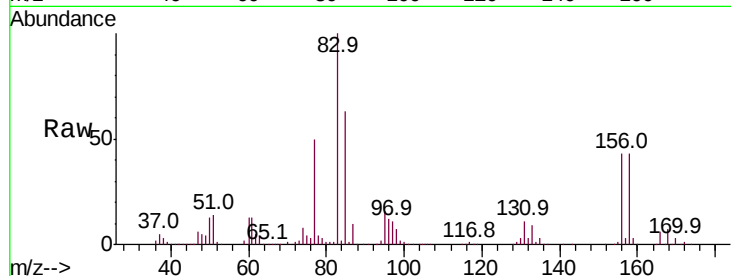
131 11.1 5.5 16.4

85 64.3 32.3 96.9

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#76

1,2,3-Trichloropropane

Concen: 52.191 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011106.D

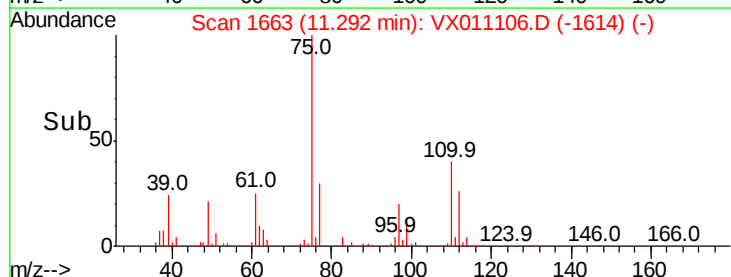
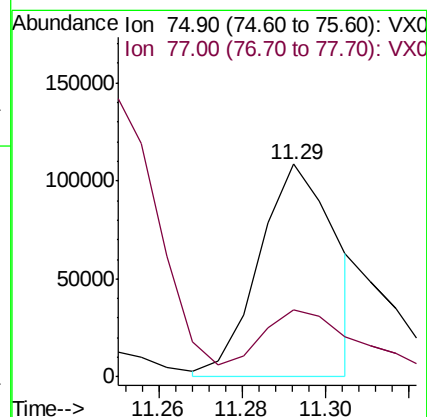
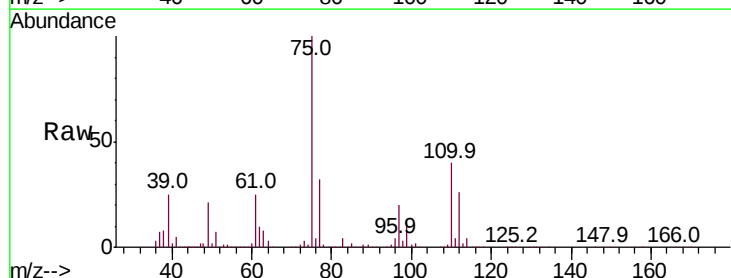
Acq: 26 Jul 2019 21:16

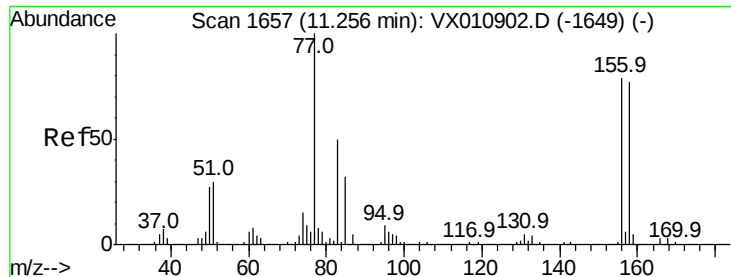
Tgt Ion: 75 Resp: 138981

Ion Ratio Lower Upper

75 100

77 41.4 21.3 64.0





#77

Bromobenzene

Concen: 47.853 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

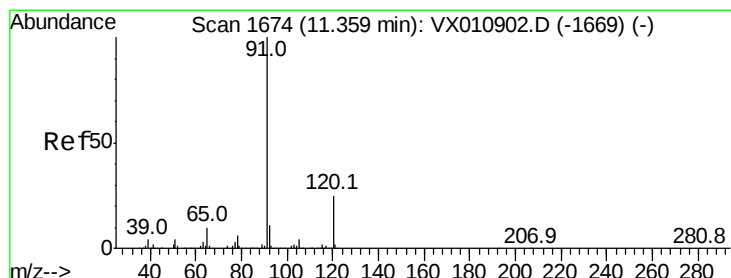
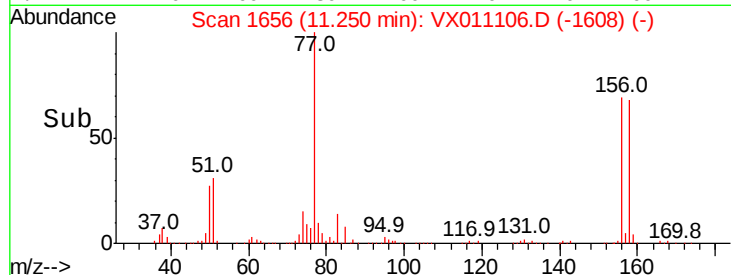
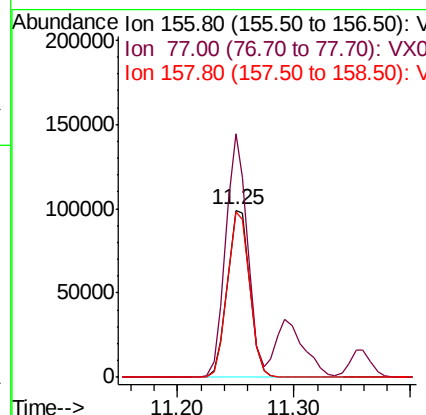
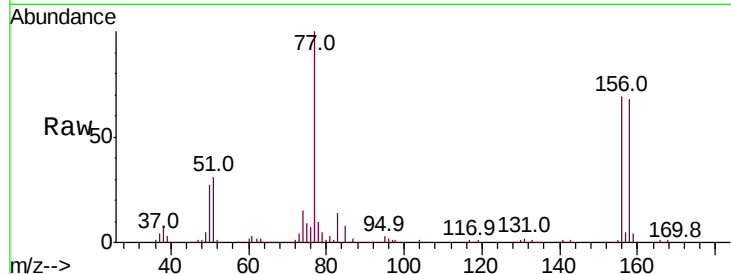
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	131612
Ion Ratio	Lower	Upper	
156	100		
77	140.8	68.7	206.1
158	98.2	47.9	143.7

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#78

n-propylbenzene

Concen: 49.720 ug/l

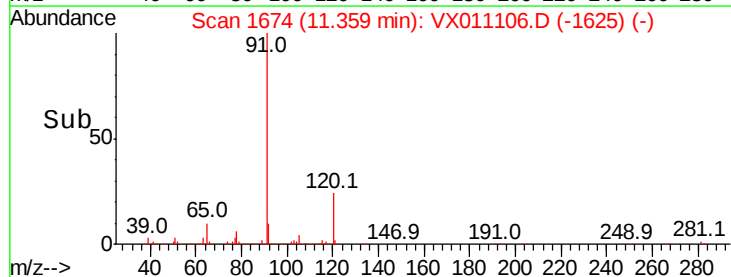
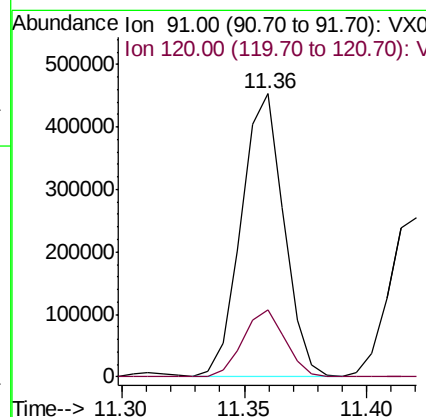
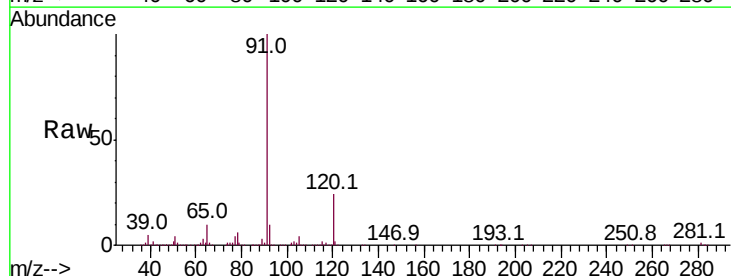
RT: 11.36 min Scan# 1674

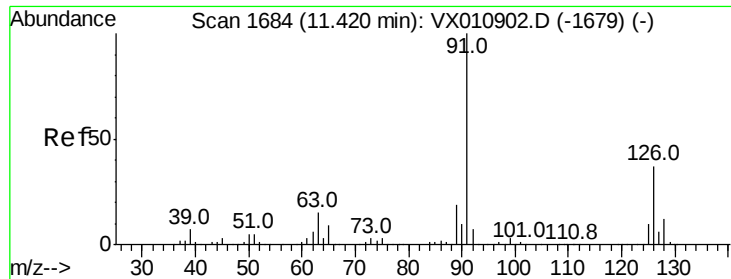
Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Tgt Ion:	91	Resp:	547769
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.3	36.8





#79

2-Chlorotoluene

Concen: 48.987 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 324206

Ion Ratio Lower Upper

91 100

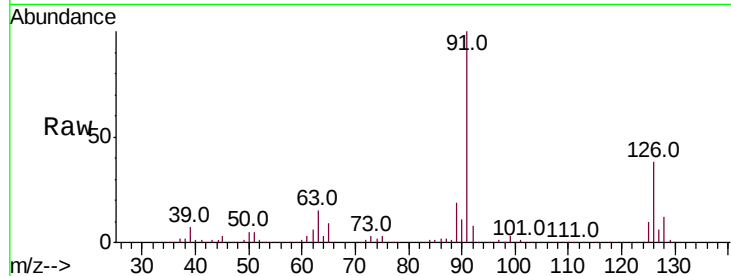
126 36.7 18.0 54.0

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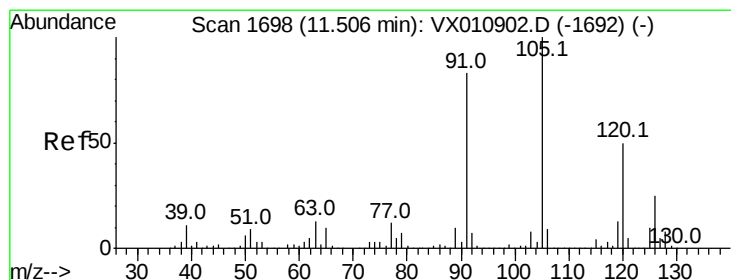
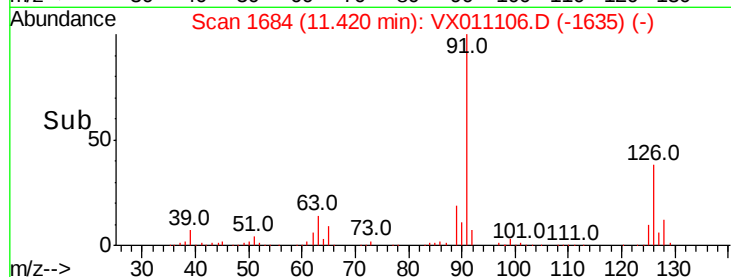
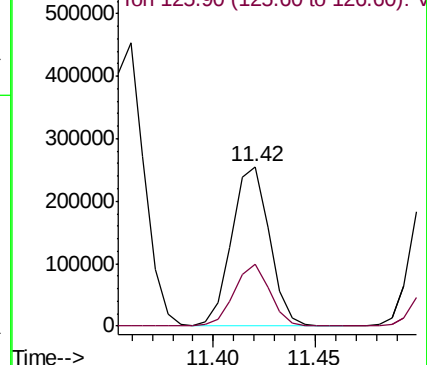
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Abundance Ion 91.00 (90.70 to 91.70): VX011106.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.490 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011106.D

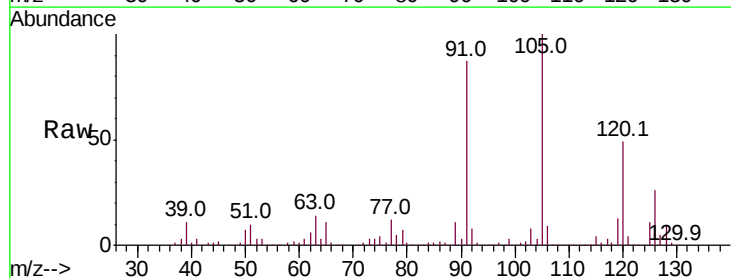
Acq: 26 Jul 2019 21:16

Tgt Ion: 105 Resp: 412343

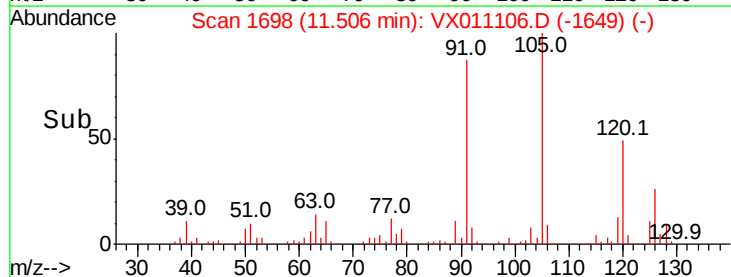
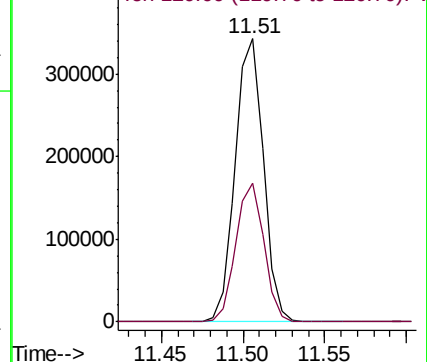
Ion Ratio Lower Upper

105 100

120 48.9 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX011106.D (-1649) (-)





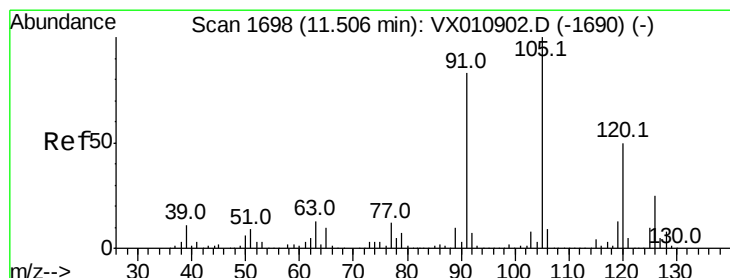
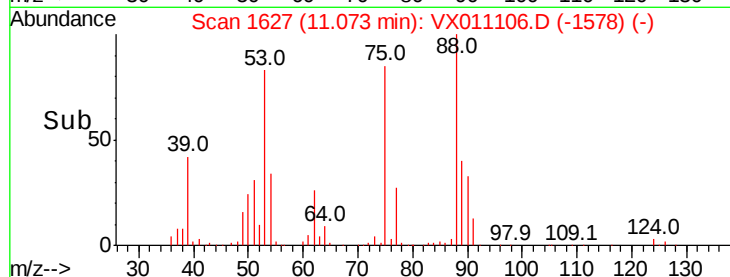
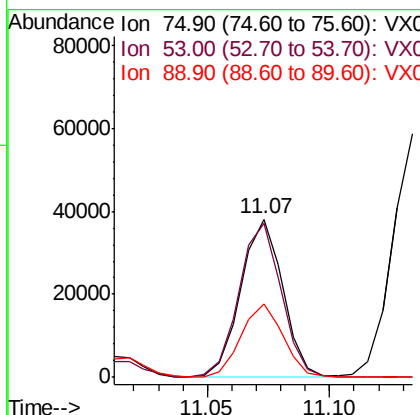
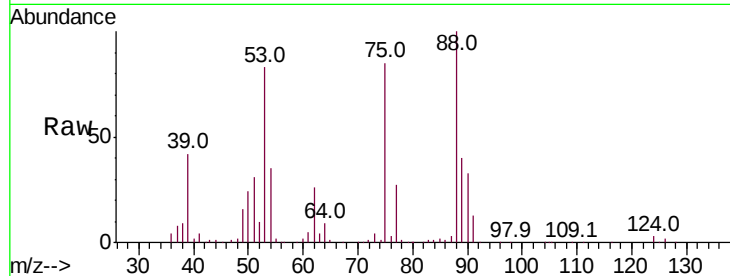
#81
trans-1,4-Dichloro-2-butene
Concen: 43.929 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.1	76.7	115.1
89	47.0	38.5	57.7

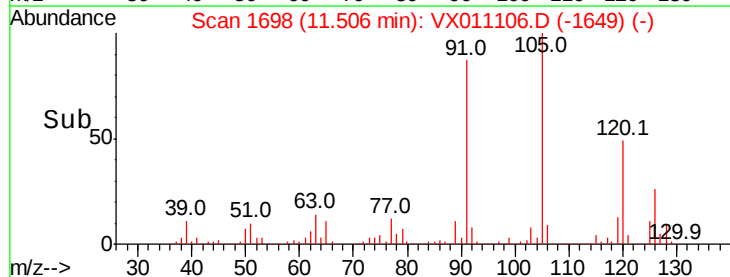
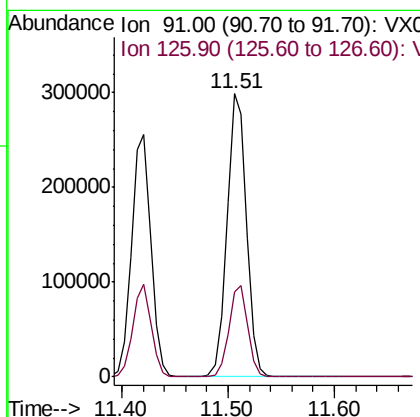
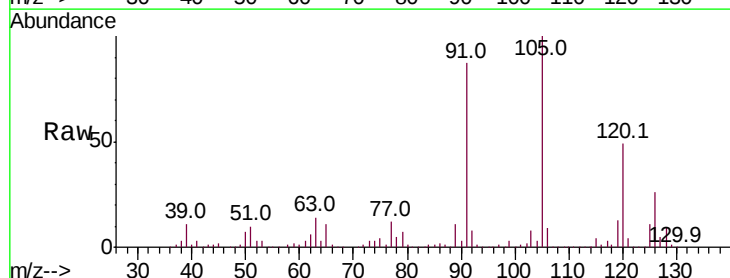
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#82
4-Chlorotoluene
Concen: 49.469 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.9	47.7





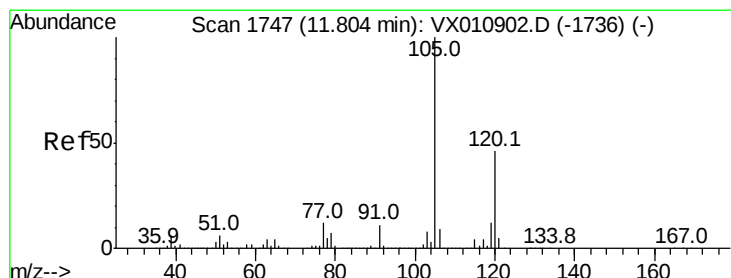
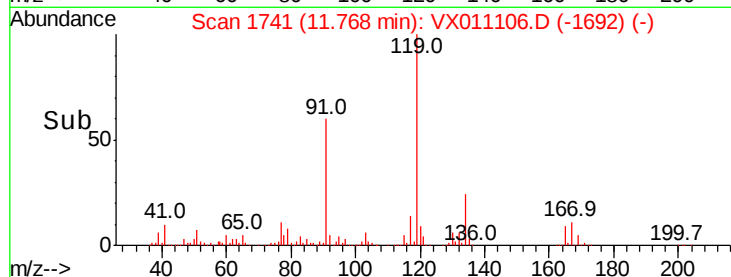
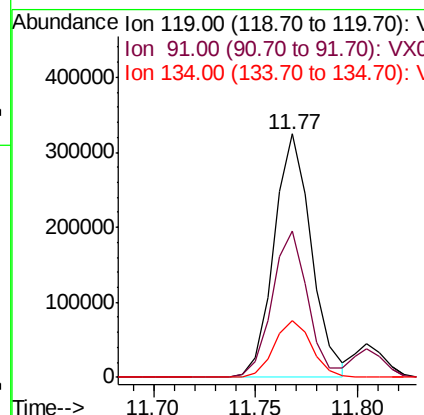
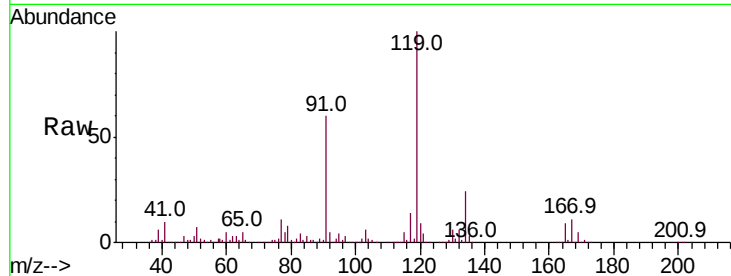
#83
tert-Butylbenzene
Concen: 50.617 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.8	28.6	85.8
134	23.4	11.6	34.8

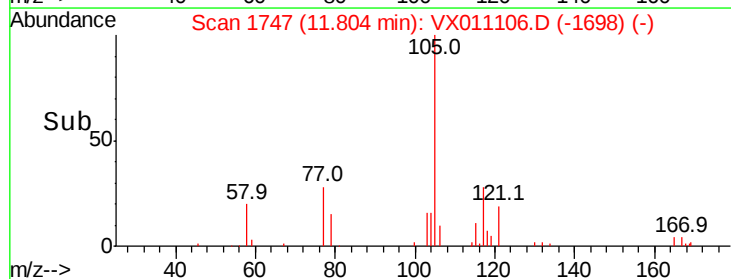
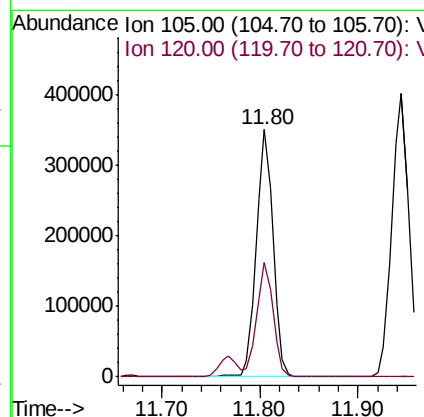
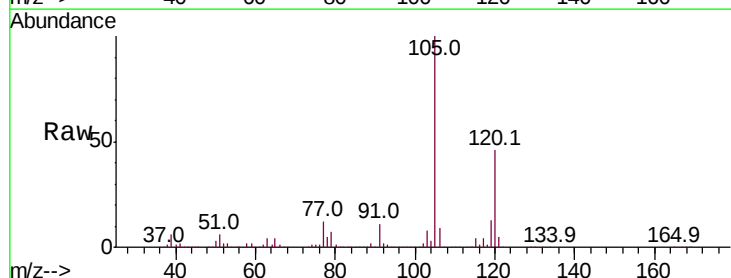
Manual Integrations
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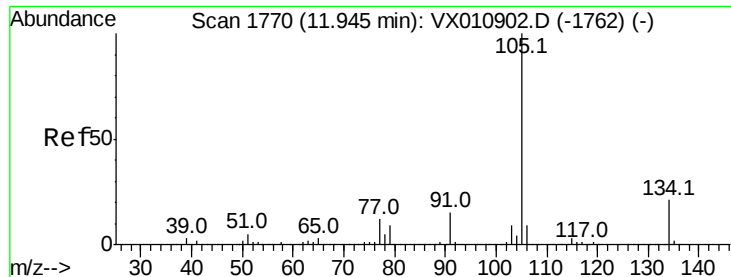
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#84
1,2,4-Trimethylbenzene
Concen: 49.718 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.9	68.5





#85

sec-Butylbenzene

Concen: 50.426 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 483558

Ion Ratio Lower Upper

105 100

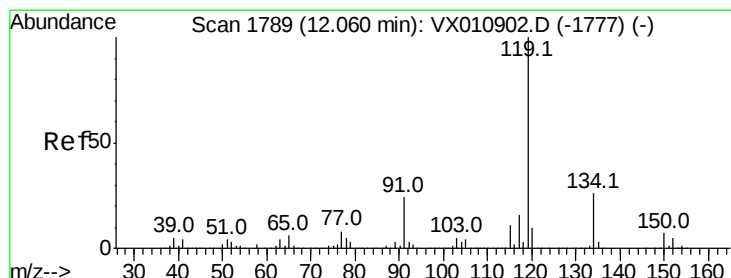
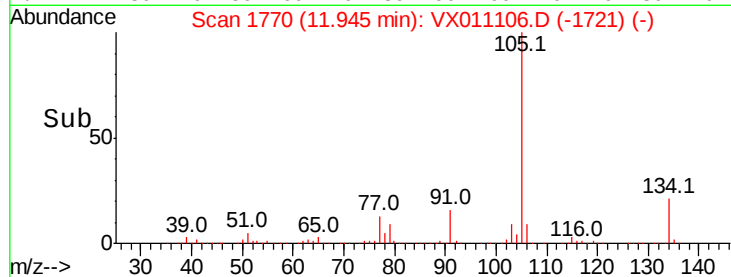
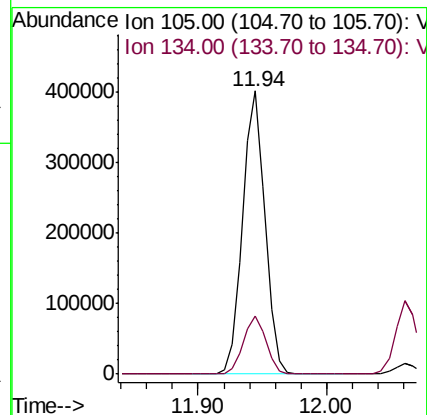
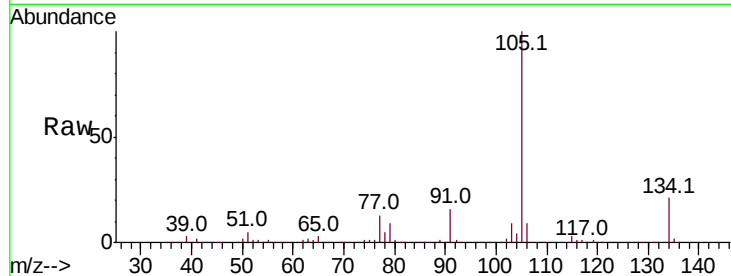
134 20.8 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 50.296 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

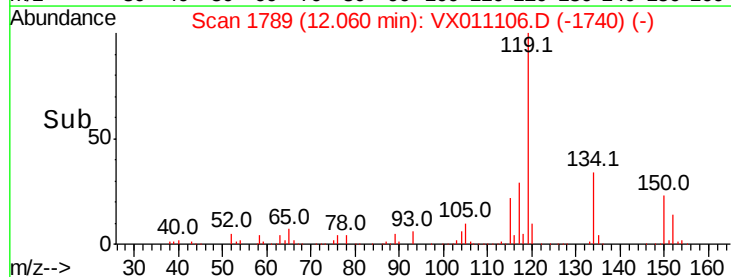
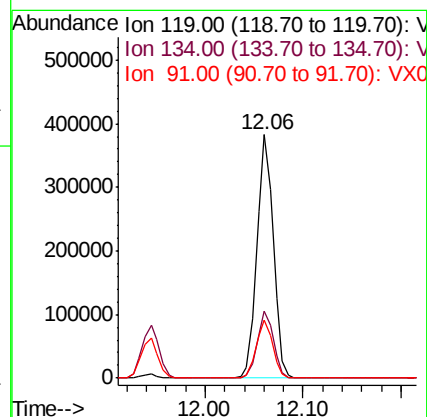
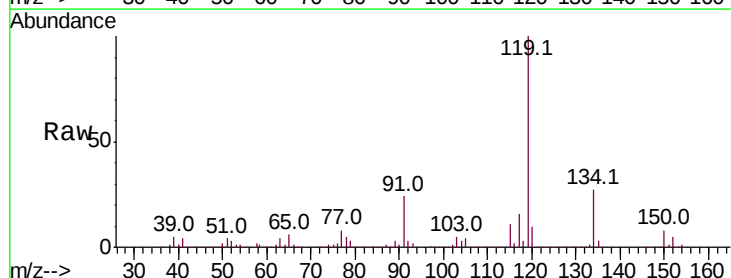
Tgt Ion:119 Resp: 445897

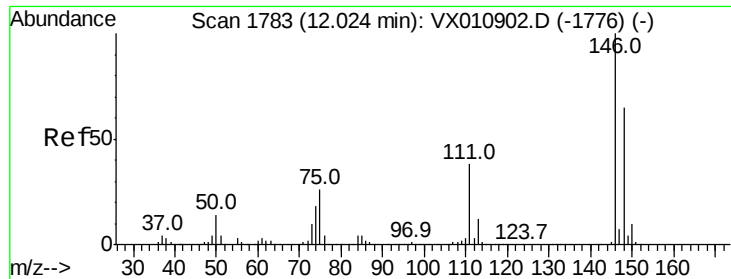
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 23.7 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 49.139 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

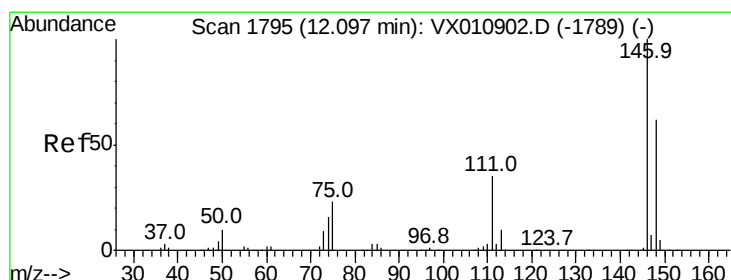
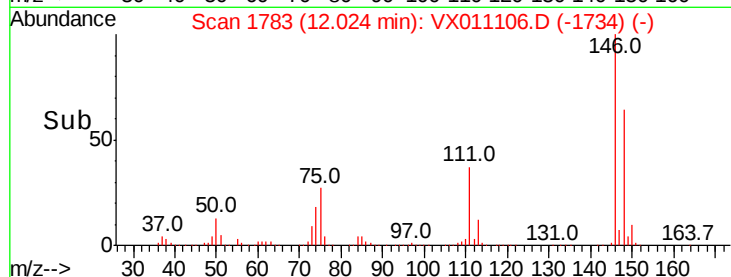
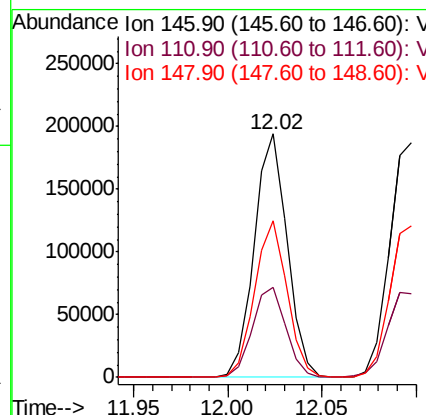
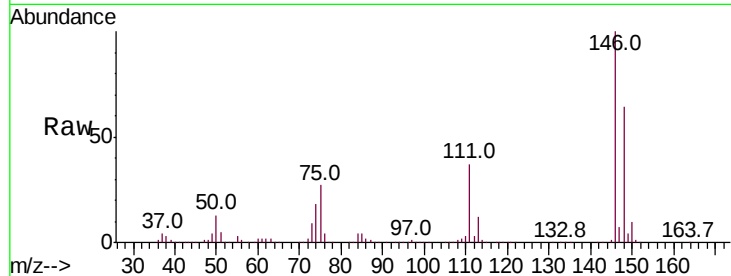
ClientSampleID :

VSTDCCC050EC

Tot Ion:	146	Resp:	234539
Ion Ratio	Lower	Upper	
146	100		
111	38.0	18.9	56.9
148	63.4	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 47.841 ug/l

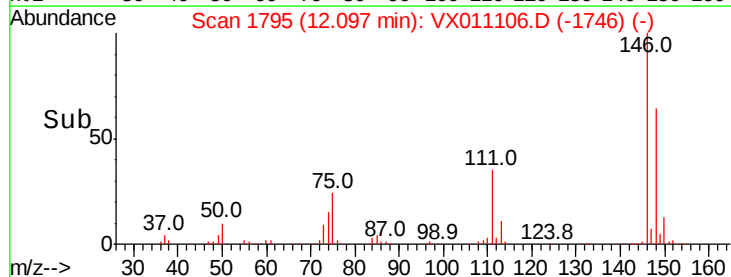
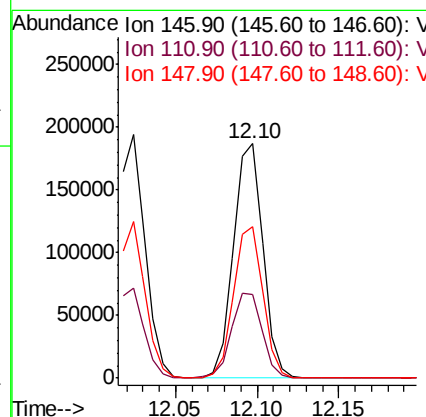
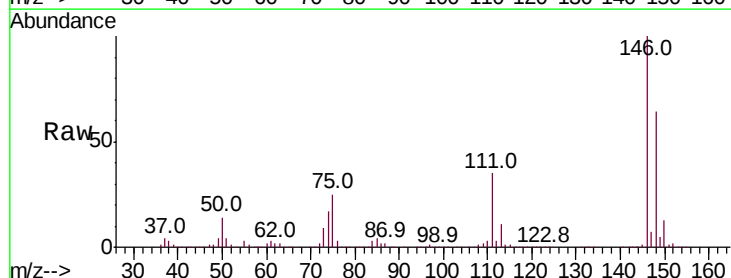
RT: 12.10 min Scan# 1795

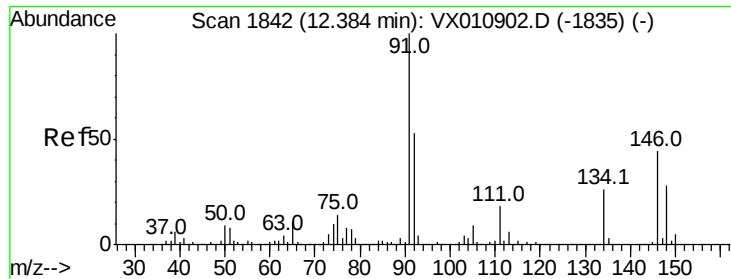
Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Tgt Ion:	146	Resp:	234190
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.6	55.8
148	64.6	31.6	94.7





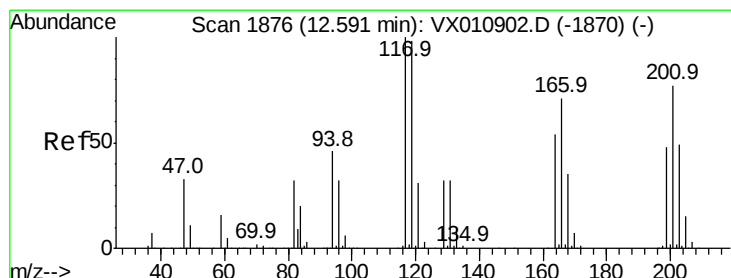
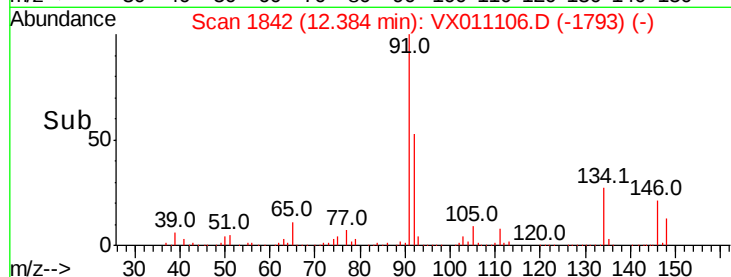
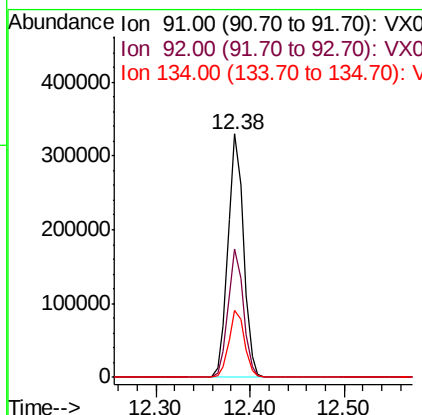
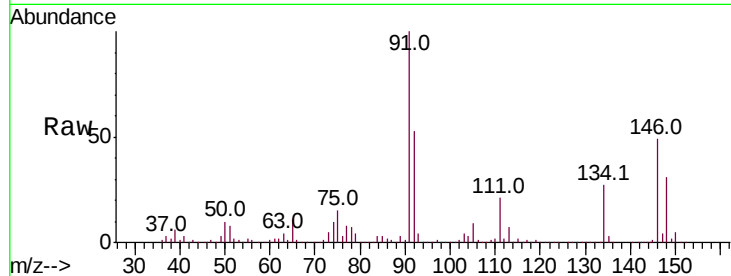
#89
n-Butylbenzene
Concen: 49.987 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.2	78.5
134	27.6	13.8	41.3

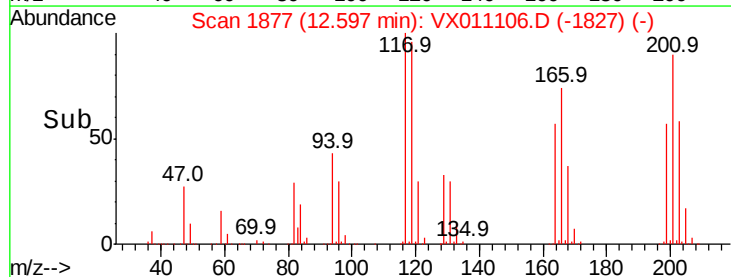
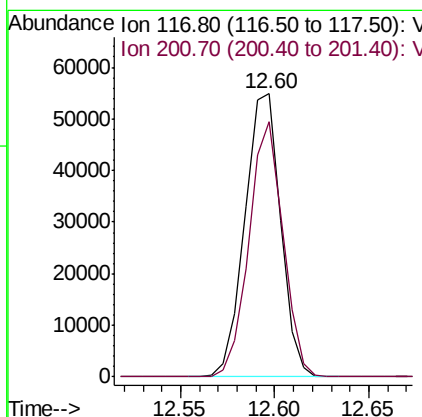
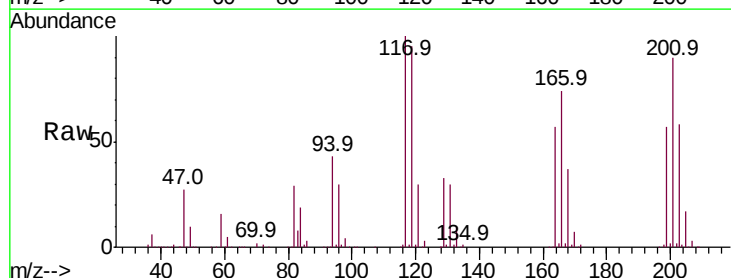
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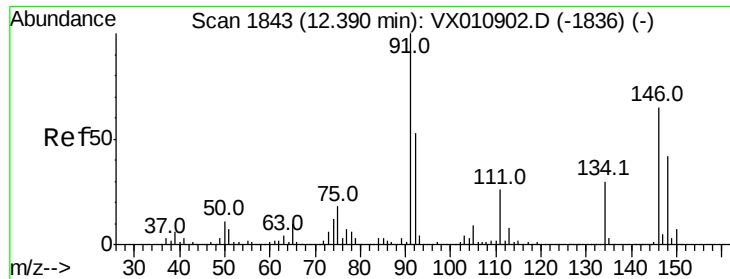
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#90
Hexachloroethane
Concen: 51.941 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.4	43.3	129.8





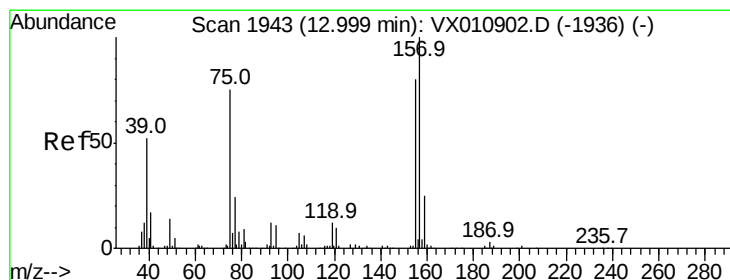
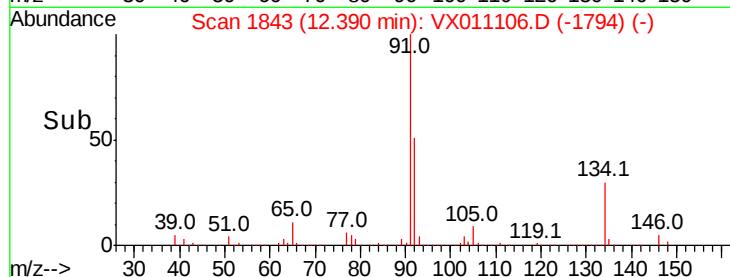
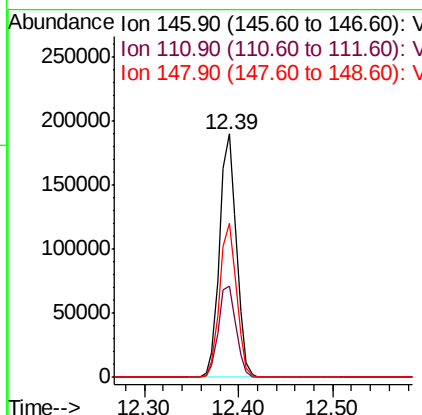
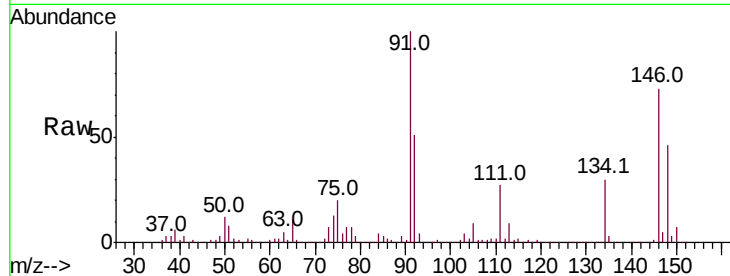
#91
 1,2-Dichlorobenzene
 Concen: 49.745 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.7
148	63.8	32.0	96.2

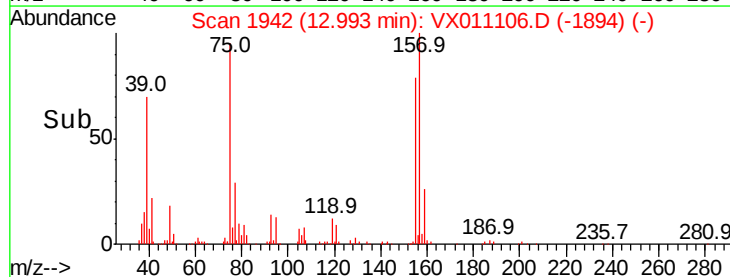
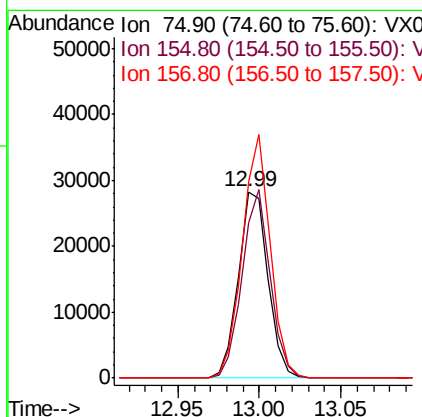
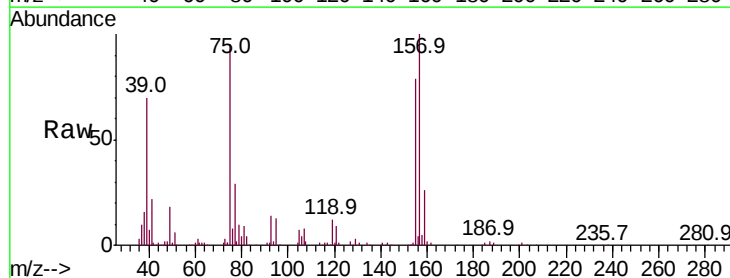
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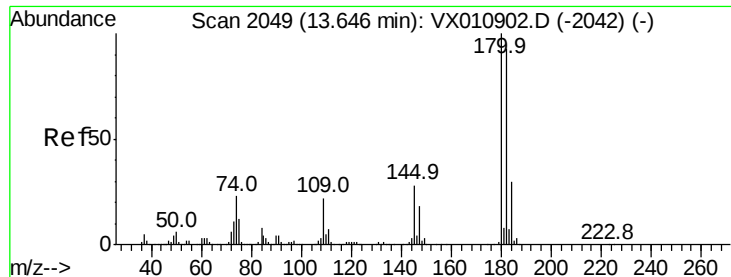
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.664 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.9	48.7	146.1
157	122.7	62.5	187.6





#93

1,2,4-Trichlorobenzene

Concen: 50.116 ug/l

RT: 13.64 min Scan# 2048

Delta R.T. -0.01 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

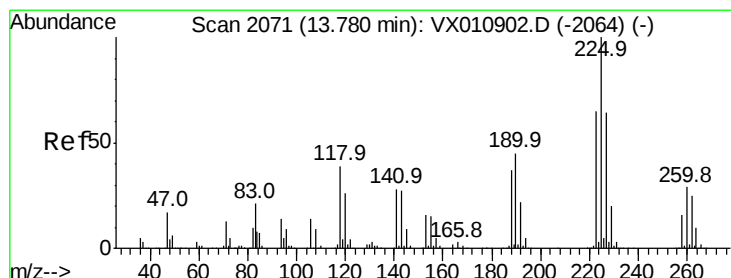
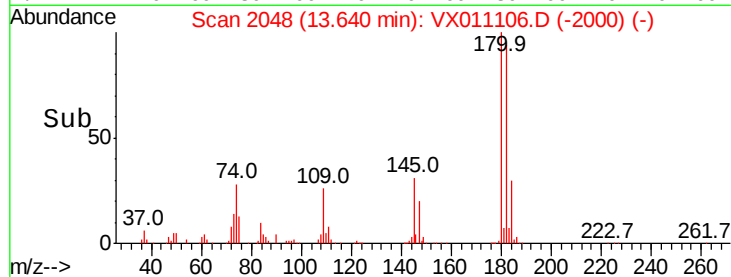
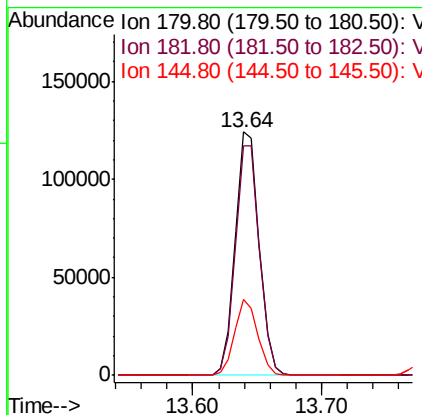
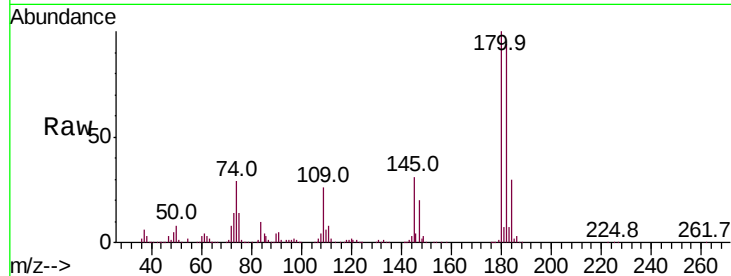
ClientSampleId :

VSTDCCC050EC

Tot Ion:	180	Resp:	160665
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.1	141.3
145	30.0	14.8	44.4

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 48.747 ug/l

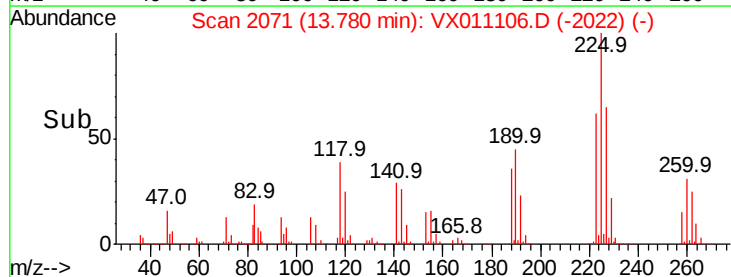
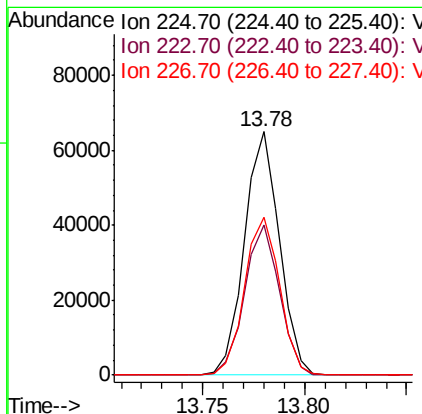
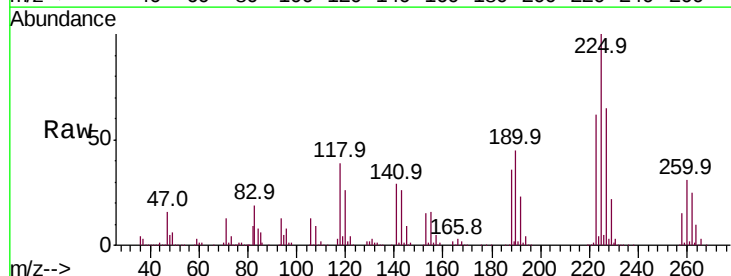
RT: 13.78 min Scan# 2071

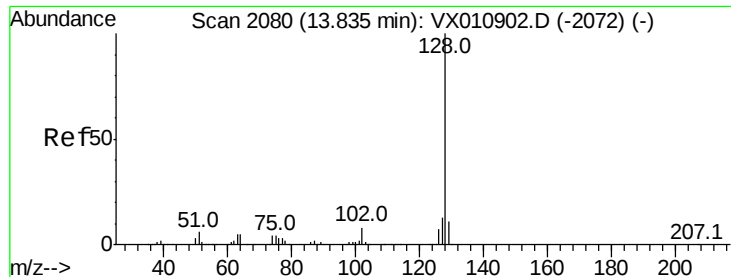
Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Tgt Ion:	225	Resp:	77442
Ion Ratio	Lower	Upper	
225	100		
223	61.6	31.9	95.9
227	65.2	32.5	97.4





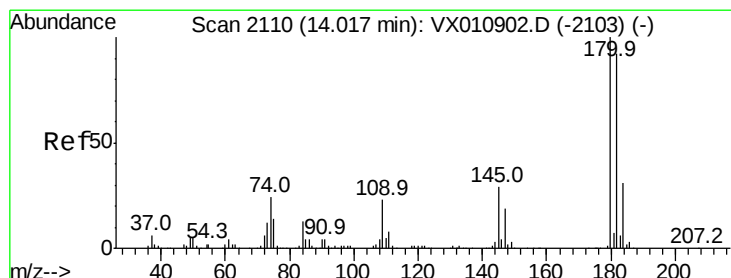
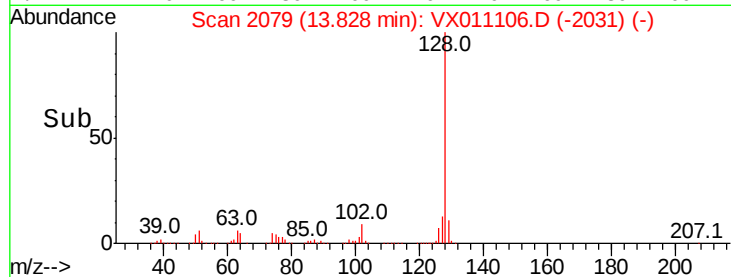
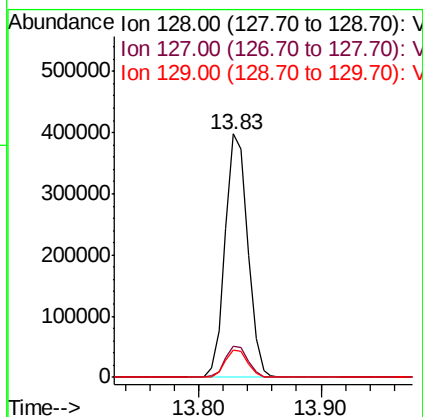
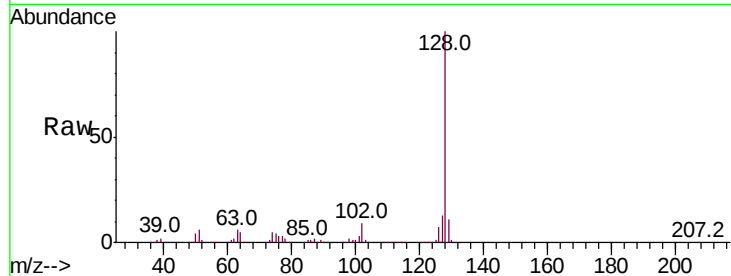
#95
Naphthalene
Concen: 53.585 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.2	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:29 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.218 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.4	142.3
145	31.5	15.1	45.3

