

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072720\
 Data File : VX017607.D
 Acq On : 27 Jul 2020 09:23
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 10:31:51 AM

Quant Time: Jul 27 11:40:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:26:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	111533	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	624122	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	560305	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	268146	33.29	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	110.97%
60) 4-Bromofluorobenzene	11.12	95	257857	26.62	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.73%
63) Toluene-d8	8.70	98	697709	28.47	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	94.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	28526	4.968 ug/l	91
3) Chloromethane	1.31	50	30936	5.211 ug/l	96
4) Vinyl Chloride	1.39	62	30706	5.024 ug/l	100
5) Bromomethane	1.63	94	24442	6.147 ug/l	94
6) Chloroethane	1.71	64	18871	4.907 ug/l	100
7) Trichlorofluoromethane	1.92	101	56649	5.503 ug/l	93
8) Diethyl Ether	2.17	74	18855	5.462 ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	30609	5.716 ug/l	97
10) 1,1-Dichloroethene	2.36	96	29652	5.658 ug/l	91
11) Methyl Iodide	2.49	142	21402	3.391 ug/l	98
12) Methyl Acetate	2.75	43	39151	5.269 ug/l	94
13) Acrolein	2.27	56	30678	31.762 ug/l	99
14) Acrylonitrile	3.11	53	72868	22.135 ug/l	96
15) Acetone	2.42	58	22239	26.135 ug/l	96
16) Carbon Disulfide	2.55	76	63726	4.526 ug/l	96
17) Allyl chloride	2.71	41	51218	5.221 ug/l	94
18) Methylene Chloride	2.83	84	32972	5.138 ug/l	91
19) trans-1,2-Dichloroethene	3.14	96	27353	4.571 ug/l	91
20) Diisopropyl ether	3.82	45	103876	5.325 ug/l	89
21) 1,1-Dichloroethane	3.67	63	54205	5.011 ug/l	97
22) cis-1,2-Dichloroethene	4.56	96	34582m	5.008 ug/l	
23) tert-Butyl Alcohol	3.01	59	36500	25.929 ug/l	# 100
24) Methyl tert-Butyl Ether	3.17	73	95216	4.713 ug/l	97
25) Chloroform	5.17	83	58421	4.989 ug/l	98
26) Cyclohexane	5.54	56	39085	4.516 ug/l	# 100
29) 1,1-Dichloropropene	5.76	75	42830	4.833 ug/l	96
30) 2-Butanone	4.63	43	110308	22.657 ug/l	98
31) 2,2-Dichloropropane	4.55	77	54540m	4.855 ug/l	
32) 1,1,1-Trichloroethane	5.46	97	55145	4.752 ug/l	99
33) Carbon Tetrachloride	5.76	117	52720	4.895 ug/l	88
34) Benzene	6.11	78	113474	4.389 ug/l	96
35) Methacrylonitrile	5.00	41	23349	4.257 ug/l	87
36) 1,2-Dichloroethane	6.17	62	49724	4.797 ug/l	98
37) Trichloroethene	7.18	130	34489	4.325 ug/l	98
38) Methylcyclohexane	7.43	83	42571	4.475 ug/l	98
39) 1,2-Dichloropropane	7.49	63	30568	4.437 ug/l	96
40) Dibromomethane	7.63	93	23165	4.662 ug/l	97

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 Data File : VX017607.D
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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 10:31:51 AM

Quant Time: Jul 27 11:40:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:26:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	46030	4.400	ug/l	95
42) Vinyl Acetate	3.78	43	425200	23.593	ug/l	99
43) Ethyl Acetate	4.79	43	46908	5.006	ug/l	96
44) Isopropyl Acetate	6.42	43	71075	4.514	ug/l	99
45) 1,4-Dioxane	7.71	88	12824	83.021	ug/l	89
46) Methyl methacrylate	7.75	41	35718	4.665	ug/l	98
47) n-amyl Acetate	10.88	43	52604	3.781	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	46277	3.981	ug/l	97
49) cis-1,3-Dichloropropene	8.41	75	55075	4.523	ug/l	95
50) 1,1,2-Trichloroethane	9.20	97	28992	3.973	ug/l #	87
51) Ethyl methacrylate	9.16	69	39685	3.681	ug/l	95
52) 1,3-Dichloropropane	9.35	76	49744	4.214	ug/l	99
53) Dibromochloromethane	9.57	129	38832	4.391	ug/l	100
54) 1,2-Dibromoethane	9.65	107	36395	4.683	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	107784	21.276	ug/l	98
56) Bromoform	10.84	173	28093	4.027	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	206402	21.660	ug/l	99
59) 2-Hexanone	9.47	43	148210	21.283	ug/l	98
61) Tetrachloroethene	9.32	164	40236	5.405	ug/l	92
62) Toluene	8.76	91	121567	4.343	ug/l	98
64) Chlorobenzene	10.12	112	84646	4.669	ug/l	90
65) 1,1,1,2-Tetrachloroethane	10.20	131	34483	4.592	ug/l	98
66) Ethyl Benzene	10.24	91	139155	4.522	ug/l	98
67) m/p-Xylenes	10.34	106	97366	8.246	ug/l	97
68) o-Xylene	10.68	106	48728	4.289	ug/l	100
69) Styrene	10.70	104	80776	4.023	ug/l	96
70) Isopropylbenzene	11.00	105	136783	4.287	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	38987	4.018	ug/l	97
72) 1,2,3-Trichloropropane	11.28	75	41304m	4.317	ug/l	
73) Bromobenzene	11.24	156	38413	4.333	ug/l	98
74) n-propylbenzene	11.34	91	153706	4.222	ug/l	100
75) 2-Chlorotoluene	11.40	91	97878	4.442	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	117958	4.408	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	14962	3.972	ug/l	96
78) 4-Chlorotoluene	11.49	91	116872	4.485	ug/l	100
79) tert-butylbenzene	11.76	119	122728	4.720	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	128550	4.775	ug/l	98
81) sec-Butylbenzene	11.93	105	137157	4.566	ug/l	99
82) p-Isopropyltoluene	12.05	119	123866	4.333	ug/l	98
83) 1,3-Dichlorobenzene	12.01	146	70993	4.530	ug/l	97
84) 1,4-Dichlorobenzene	12.08	146	69980	4.405	ug/l	99
85) n-Butylbenzene	12.37	91	130615	5.251	ug/l	98
86) Hexachloroethane	12.58	117	28590	5.108	ug/l	90
87) 1,2-Dichlorobenzene	12.38	146	75107	4.932	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	11211	4.672	ug/l	94
89) 1,2,4-Trichlorobenzene	13.63	180	47920	4.428	ug/l	98
90) Hexachlorobutadiene	13.76	225	23611	5.346	ug/l	91
91) Naphthalene	13.82	128	126144	3.827	ug/l	98
92) 1,2,3-Trichlorobenzene	14.00	180	45108	4.239	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
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Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

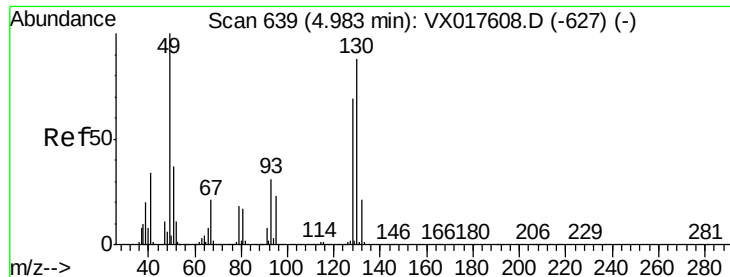
Manual Integrations
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7/28/2020 10:31:51 AM

Quant Time: Jul 27 11:40:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 27 11:26:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

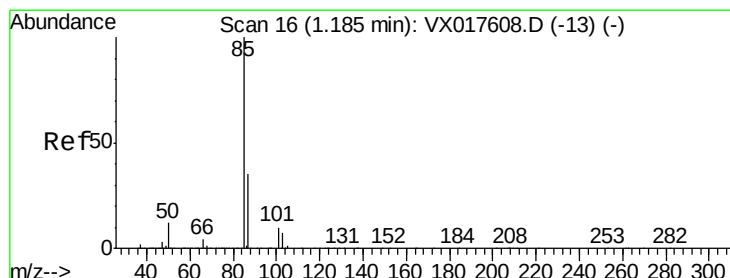
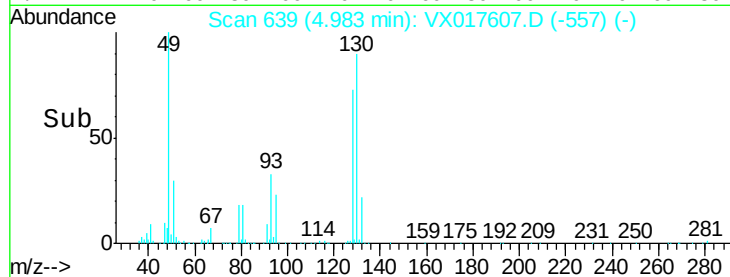
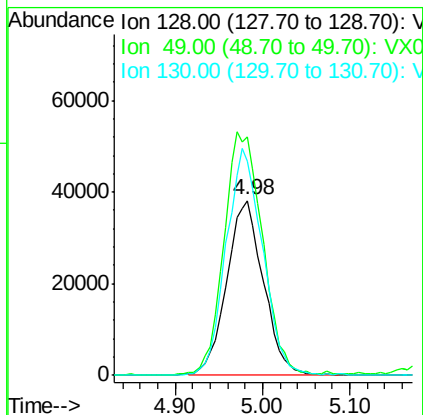
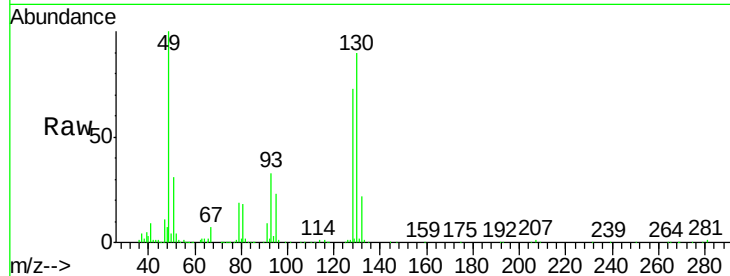
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	111533
Ion	Ratio	Lower	Upper
128	100		
49	146.2	0.0	376.0
130	128.3	0.0	323.0

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 4.968 ug/l

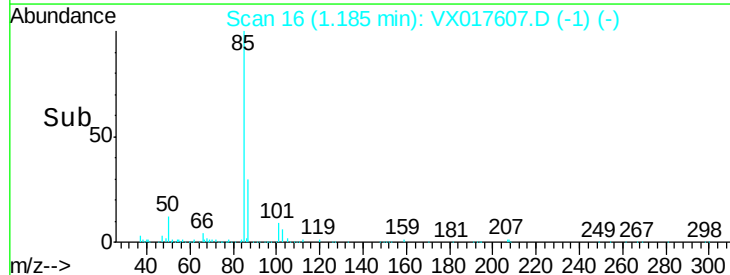
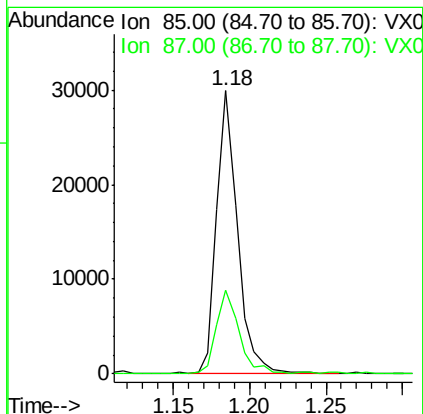
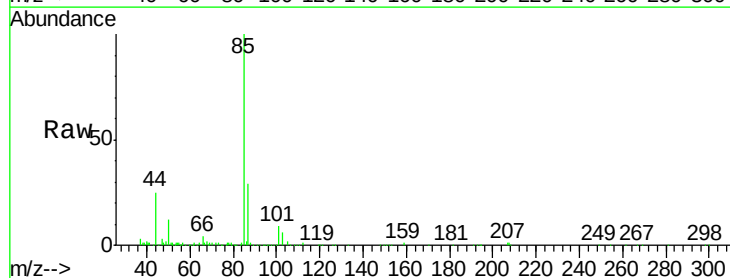
RT: 1.18 min Scan# 16

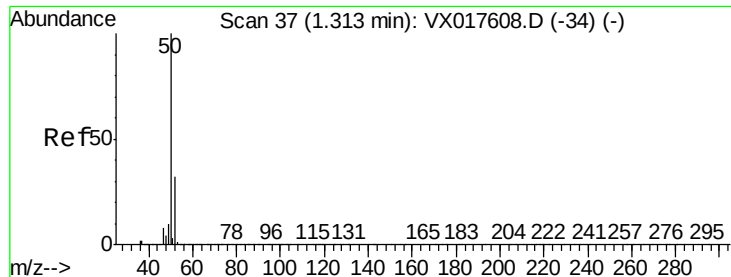
Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Tgt Ion:	85	Resp:	28526
Ion	Ratio	Lower	Upper
85	100		
87	29.5	17.3	51.9





#3

Chloromethane

Concen: 5.211 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 30936

Ion Ratio Lower Upper

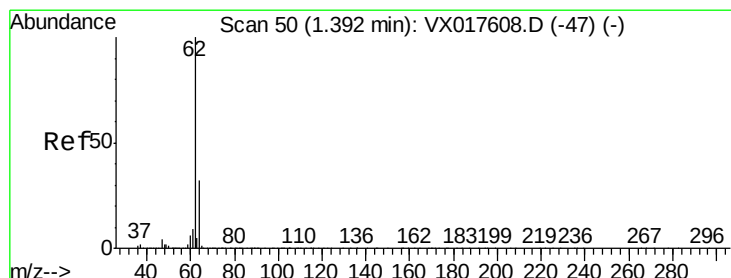
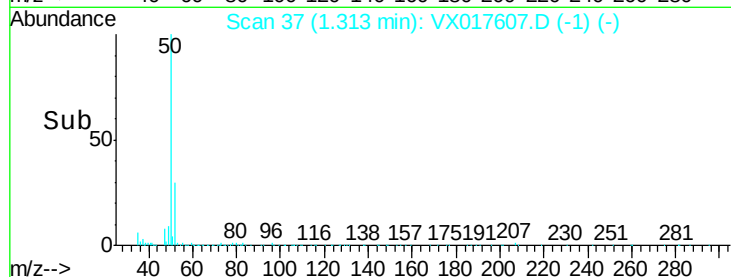
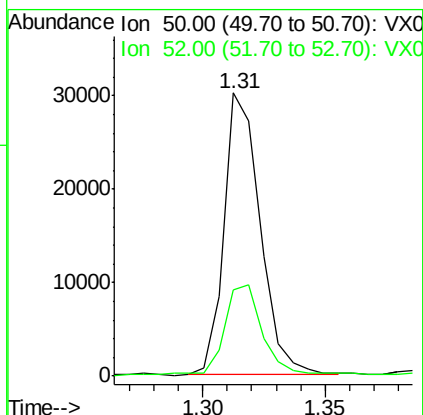
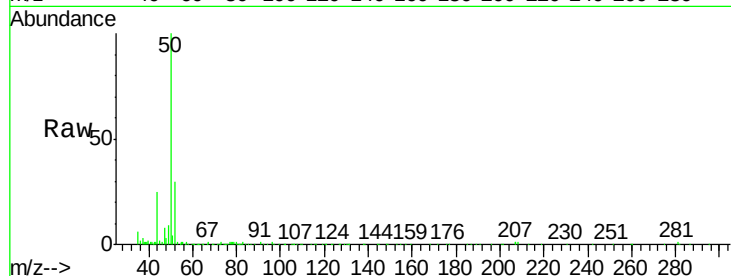
50 100

52 29.7 25.5 38.3

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#4

Vinyl Chloride

Concen: 5.024 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017607.D

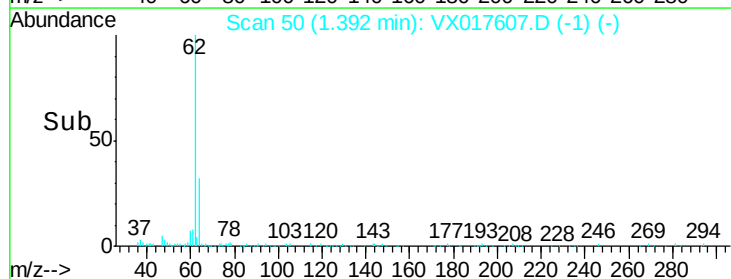
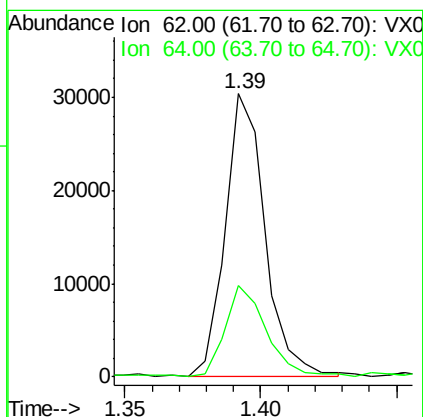
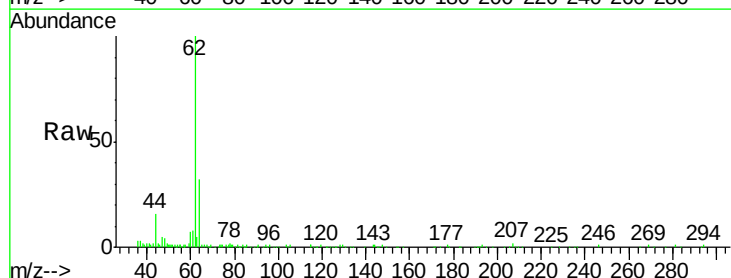
Acq: 27 Jul 2020 09:23

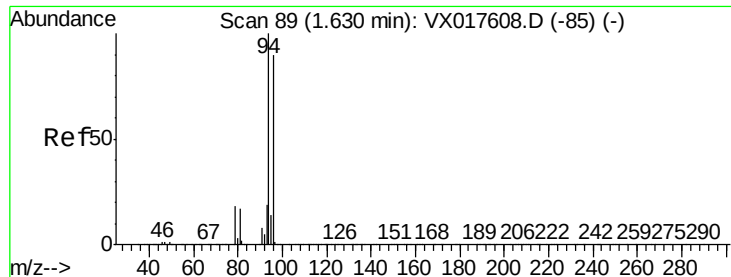
Tgt Ion: 62 Resp: 30706

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8





#5

Bromomethane

Concen: 6.147 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 24442

Ion Ratio Lower Upper

94 100

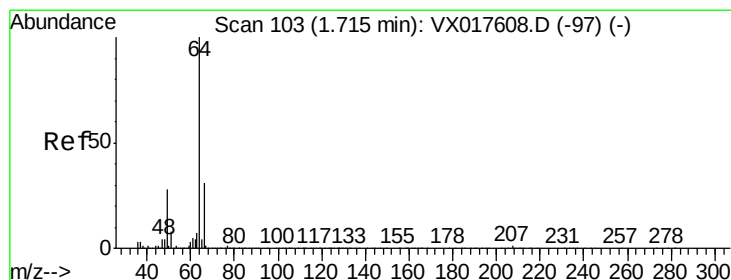
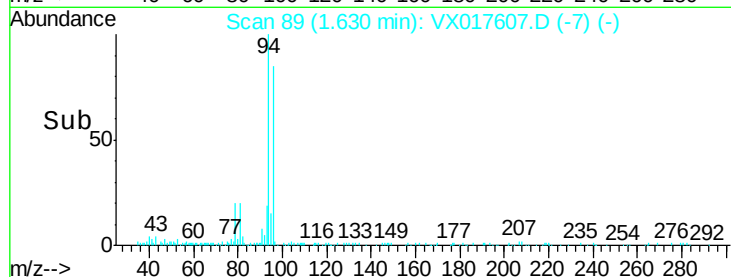
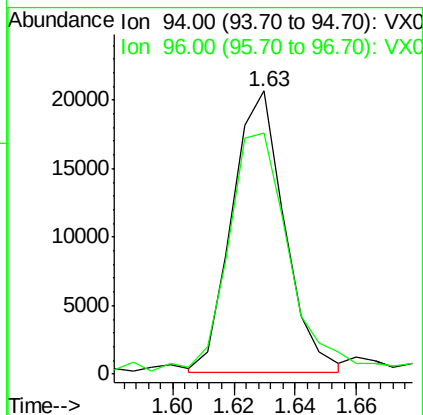
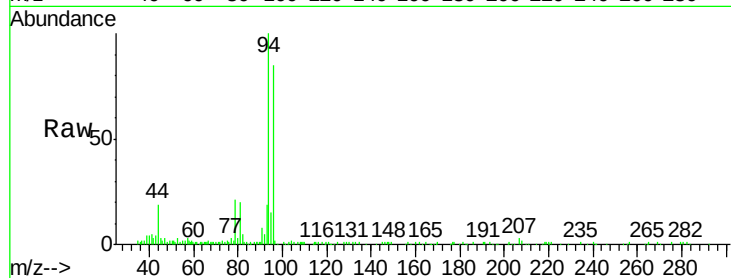
96 84.8 72.5 108.7

Manual Integrations

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7/28/2020 10:31:51 AM



#6

Chloroethane

Concen: 4.907 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX017607.D

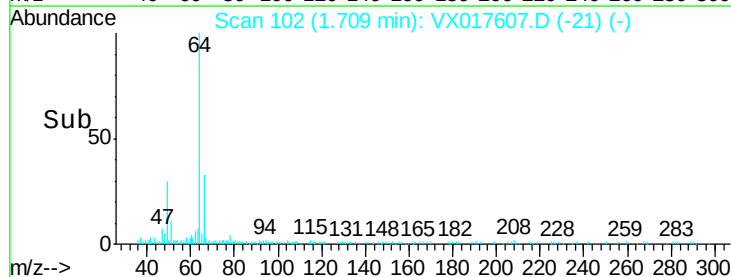
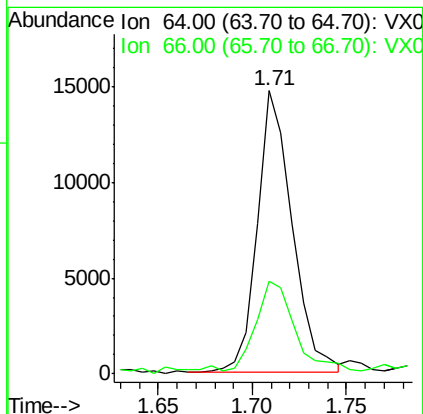
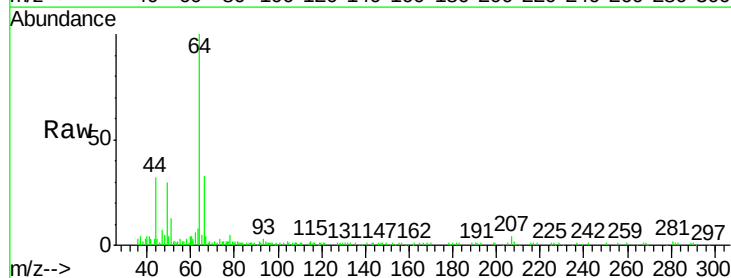
Acq: 27 Jul 2020 09:23

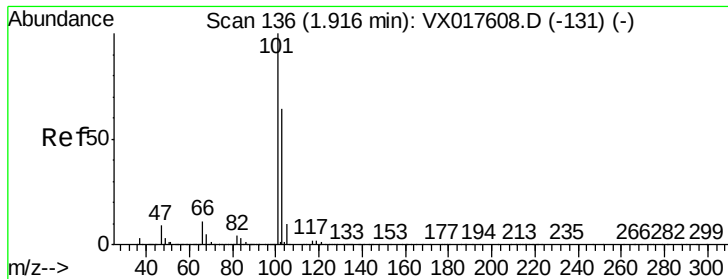
Tgt Ion: 64 Resp: 18871

Ion Ratio Lower Upper

64 100

66 31.4 25.1 37.7





#7

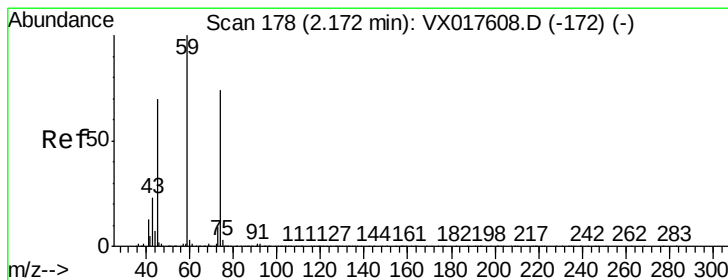
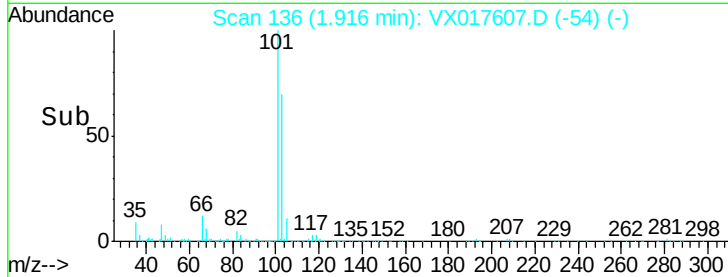
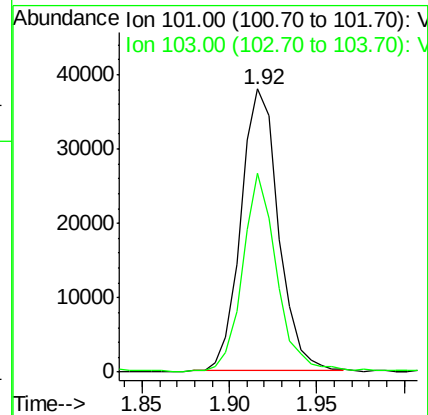
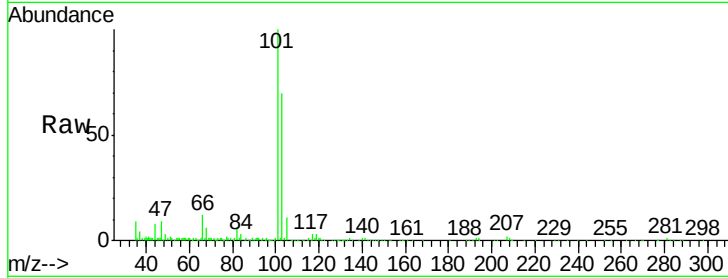
Trichlorofluoromethane
Concen: 5.503 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	69.7	51.3	76.9

Manual Integrations
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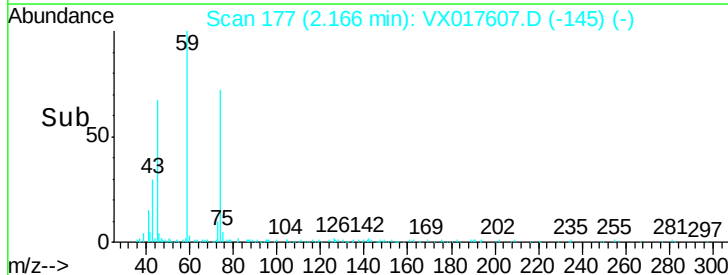
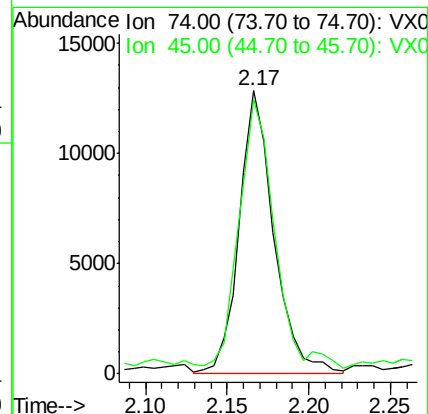
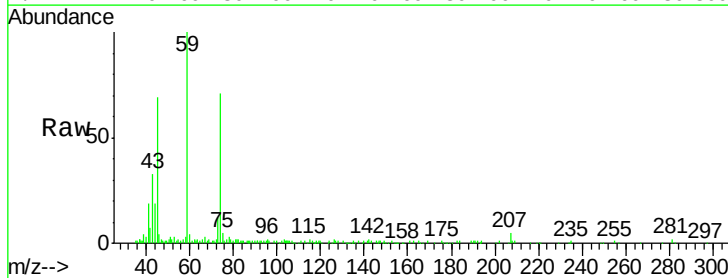
MMDadoda
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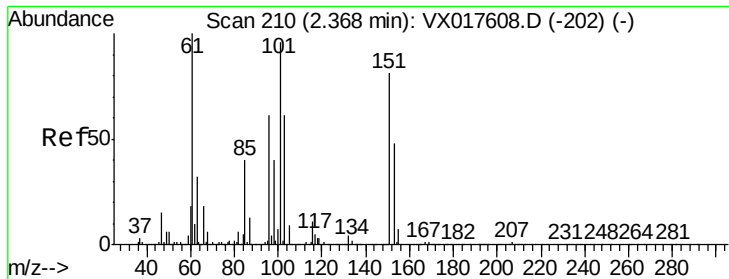


#8

Diethyl Ether
Concen: 5.462 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.0	21.1	190.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.716 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

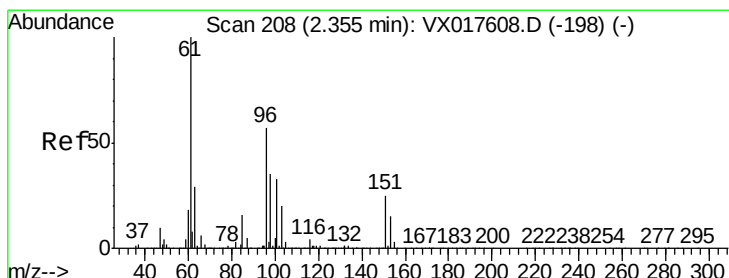
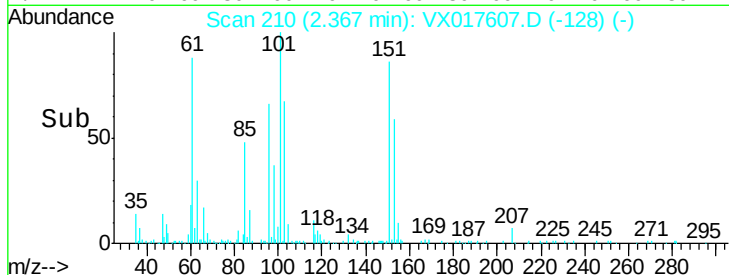
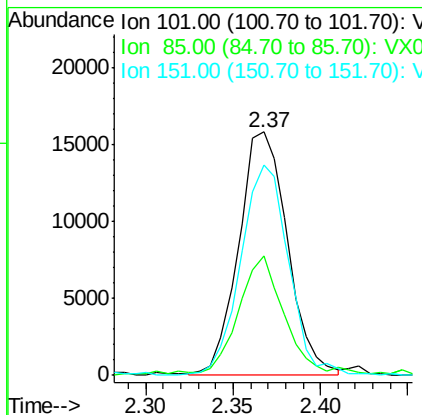
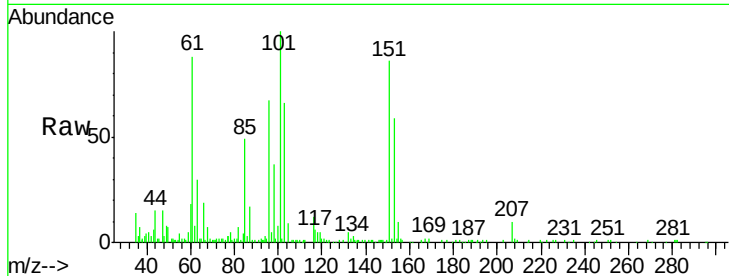
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	30609
Ion Ratio	Lower	Upper	
101	100		
85	44.1	0.0	90.6
151	85.3	0.0	163.2

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 5.658 ug/l

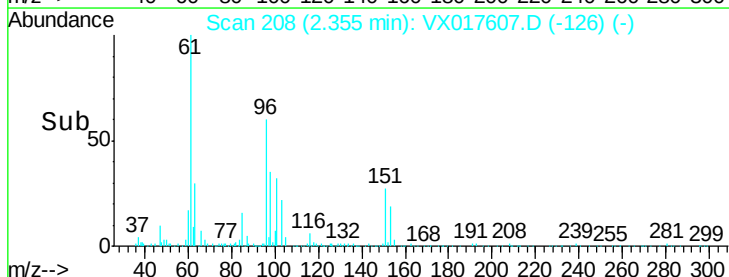
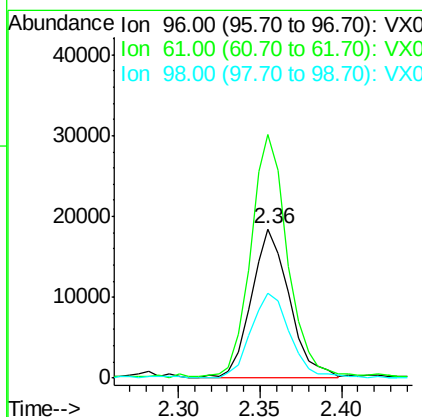
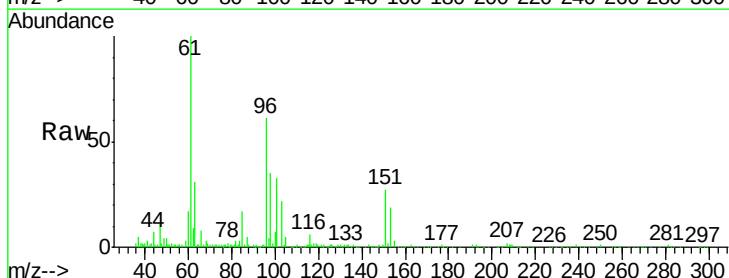
RT: 2.36 min Scan# 208

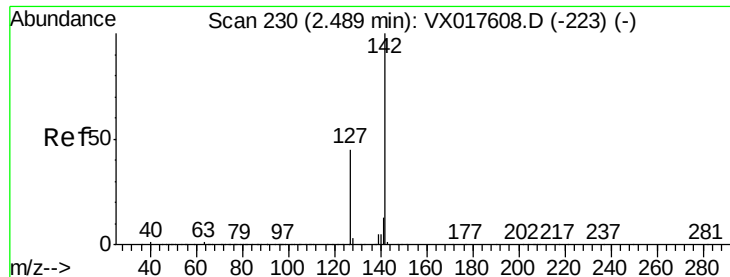
Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Tgt Ion:	96	Resp:	29652
Ion Ratio	Lower	Upper	
96	100		
61	163.3	141.2	211.8
98	56.9	49.4	74.2





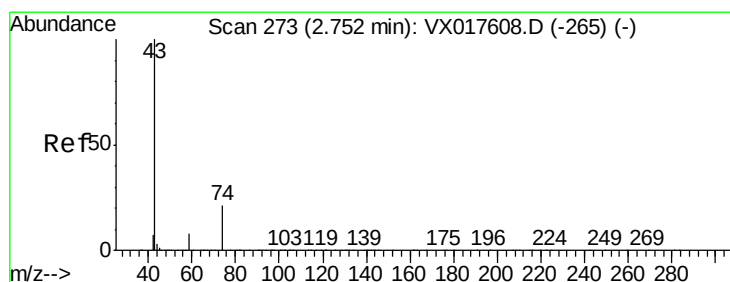
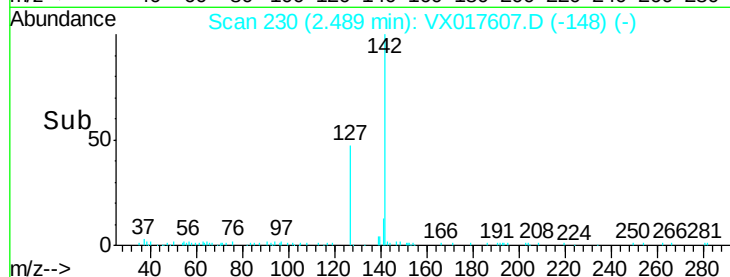
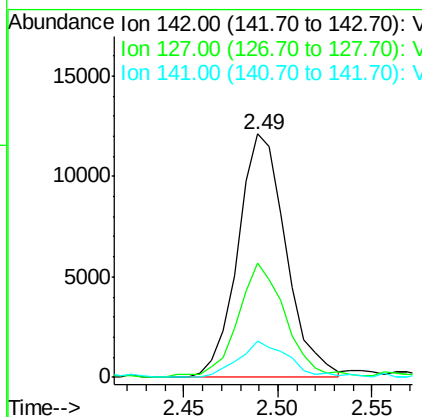
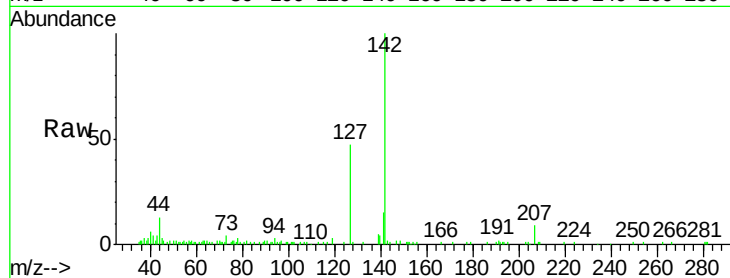
#11
Methvl Iodide
Concen: 3.391 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
142	100		
127	45.5	22.4	67.0
141	15.0	6.6	19.7

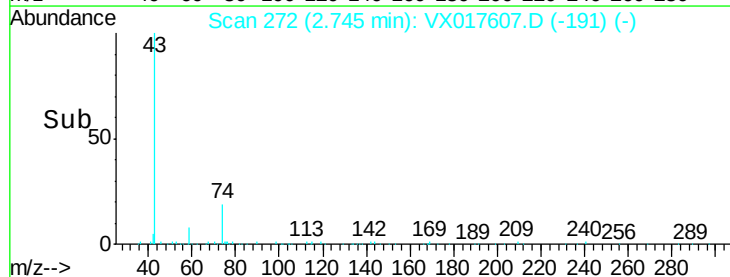
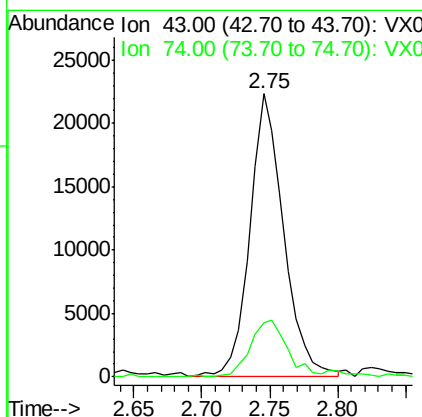
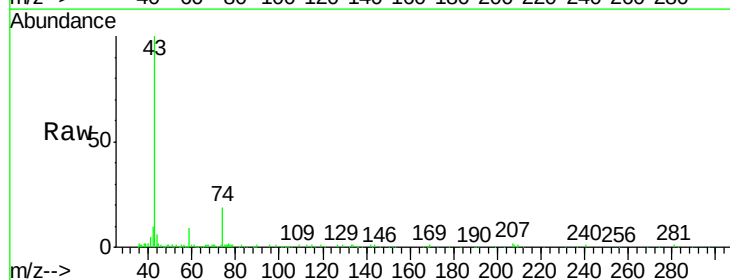
Manual Integrations
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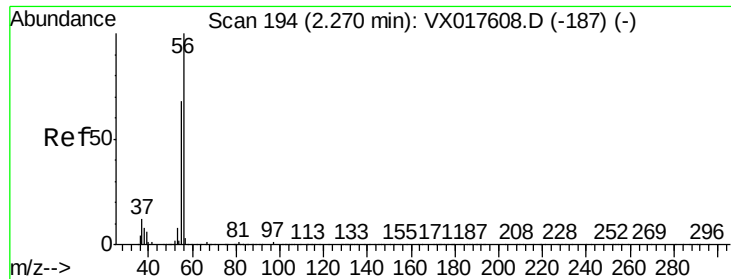
MMDadoda
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#12
Methyl Acetate
Concen: 5.269 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	18.6	17.1	25.7





#13

Acrolein

Concen: 31.762 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 30678

Ion Ratio Lower Upper

56 100

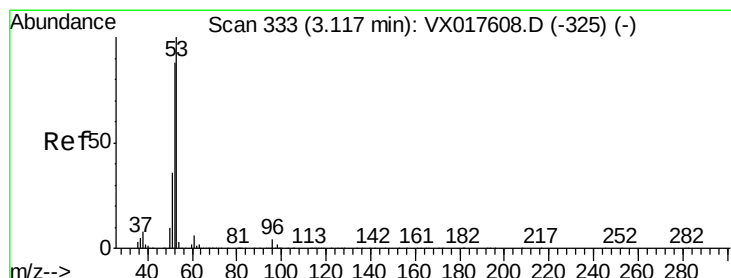
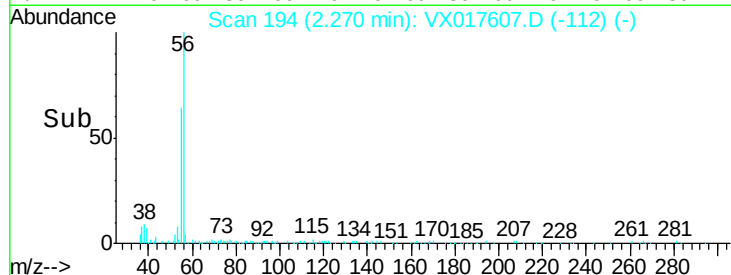
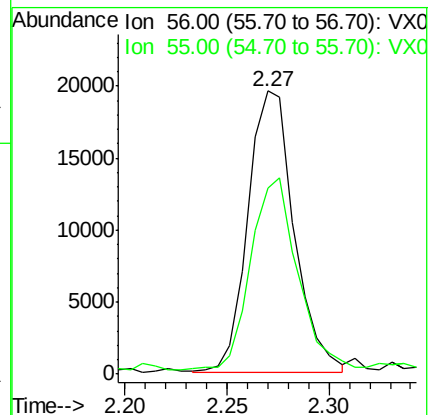
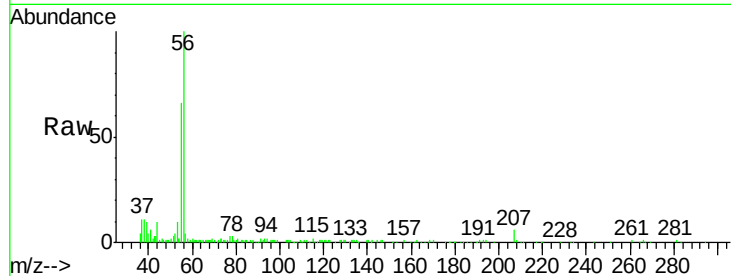
55 72.4 57.2 85.8

Manual Integrations

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#14

Acrylonitrile

Concen: 22.135 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

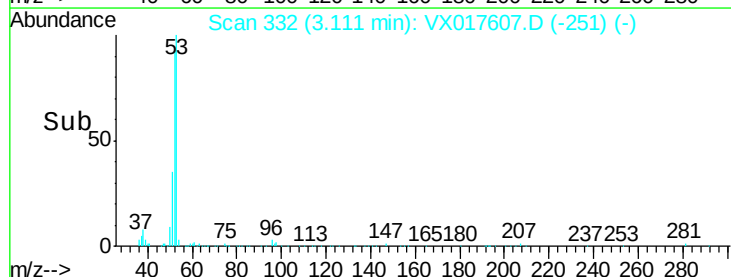
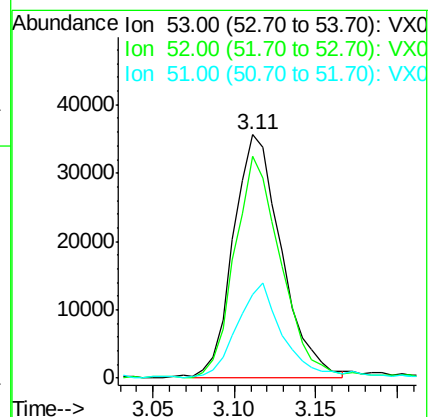
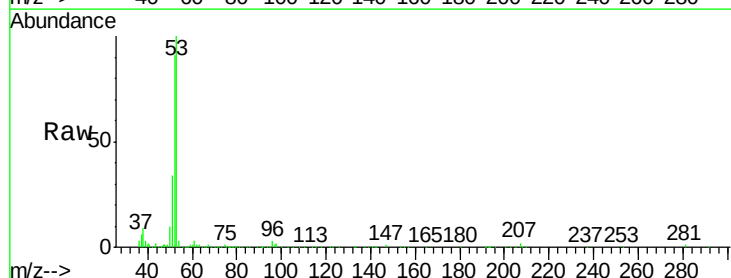
Tgt Ion: 53 Resp: 72868

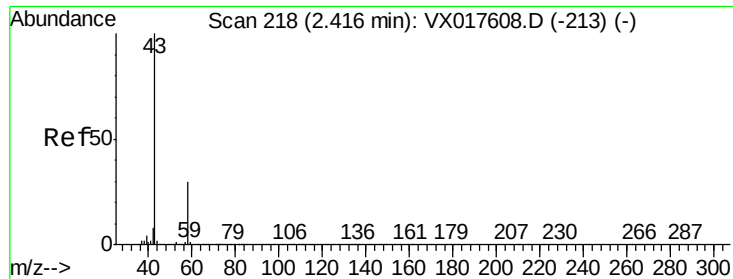
Ion Ratio Lower Upper

53 100

52 87.8 41.4 124.4

51 36.1 18.4 55.2





#15

Acetone

Concen: 26.135 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 58 Resp: 22239

Ion Ratio Lower Upper

58 100

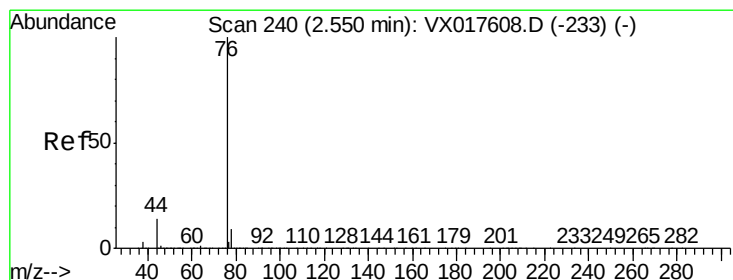
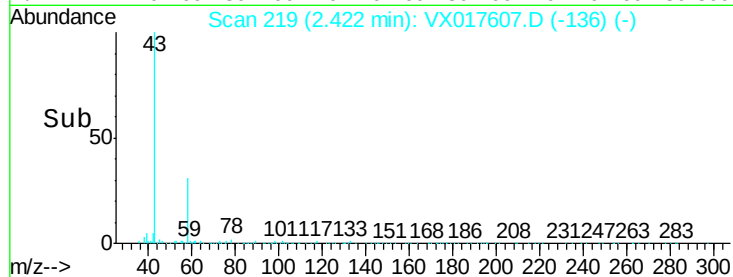
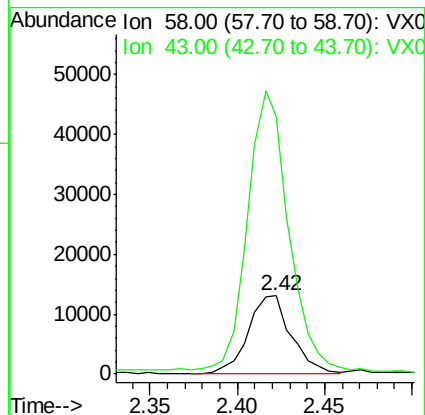
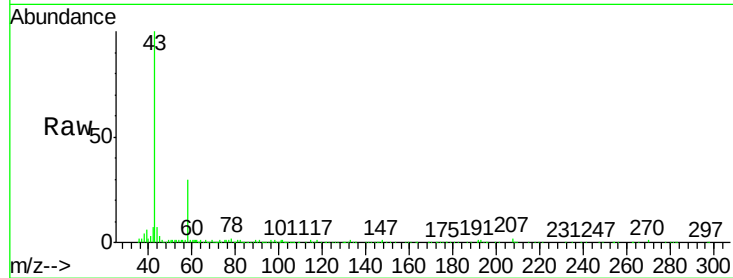
43 327.1 268.6 402.8

Manual Integrations

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#16

Carbon Disulfide

Concen: 4.526 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017607.D

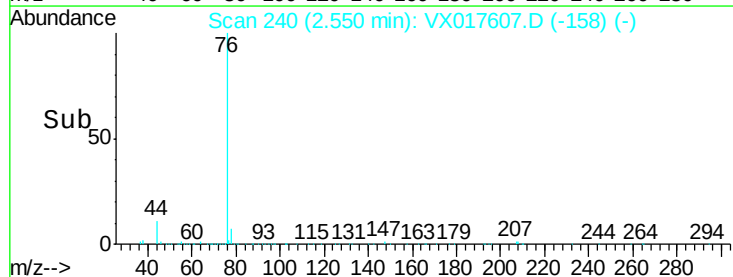
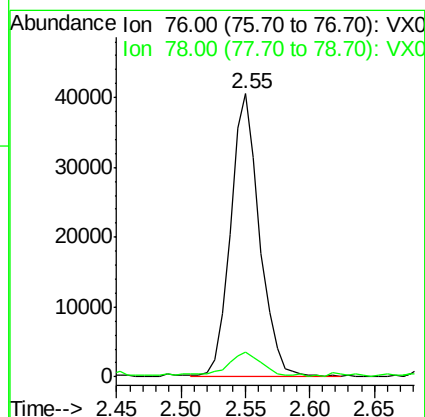
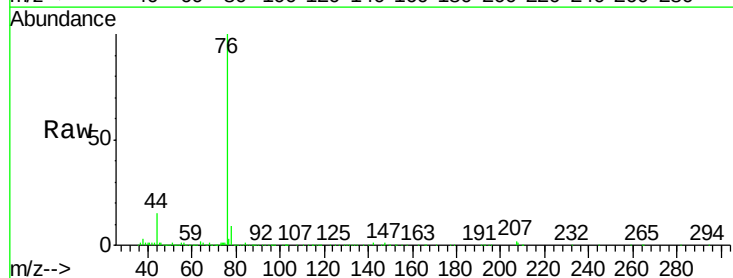
Acq: 27 Jul 2020 09:23

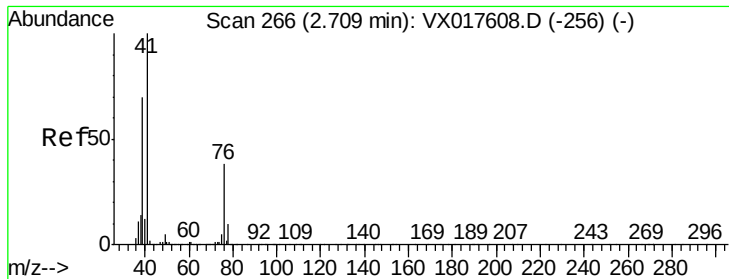
Tgt Ion: 76 Resp: 63726

Ion Ratio Lower Upper

76 100

78 8.1 7.5 11.3





#17

Allvl chloride

Concen: 5.221 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

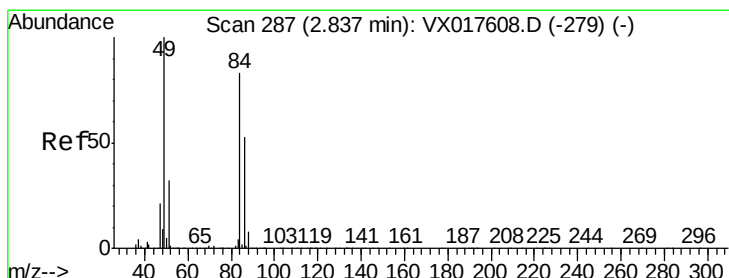
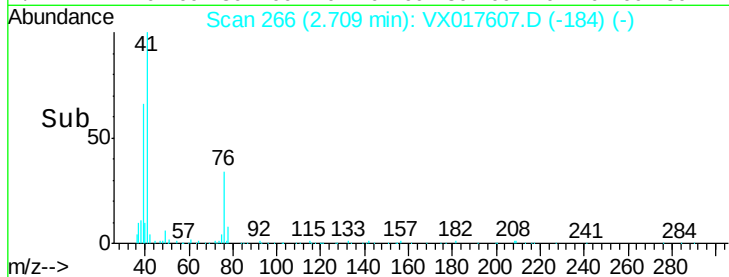
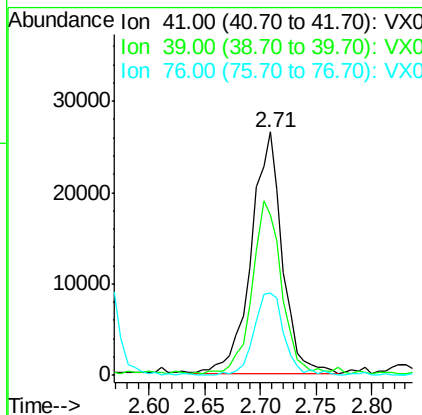
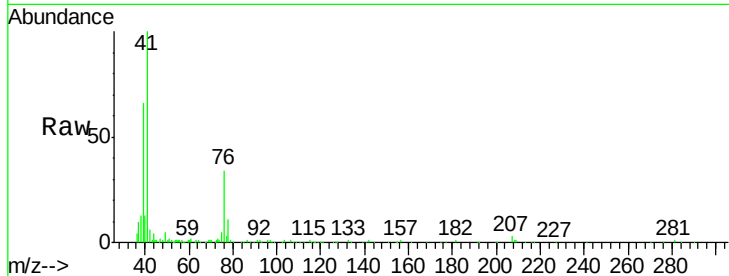
ClientSampleId :

VSTDIC005

Tot Ion:	41	Resp:	51218
Ion	Ratio	Lower	Upper
41	100		
39	65.5	34.8	104.5
76	33.7	19.1	57.3

Manual Integrations
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#18

Methylene Chloride

Concen: 5.138 ug/l

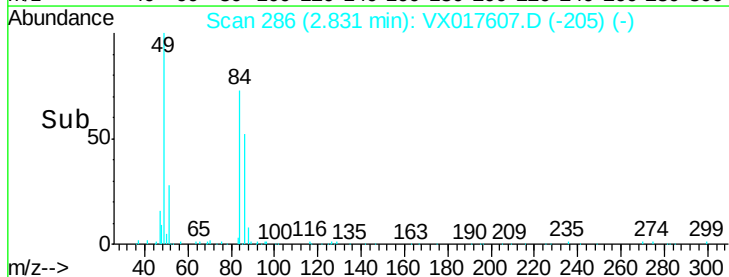
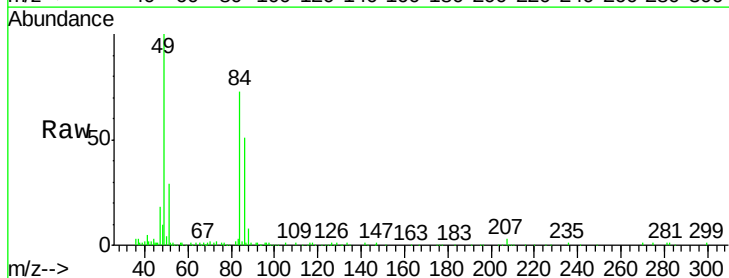
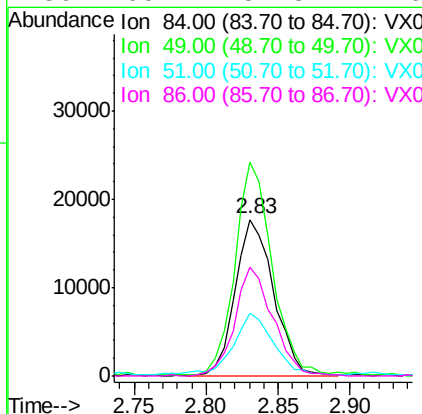
RT: 2.83 min Scan# 286

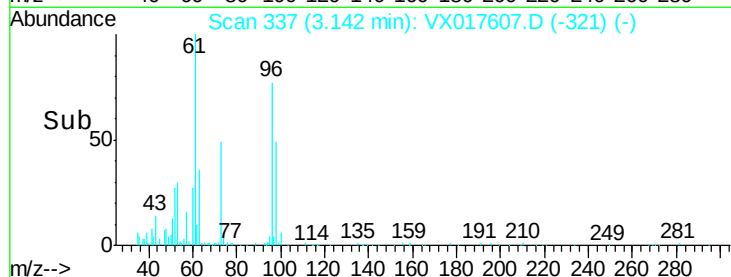
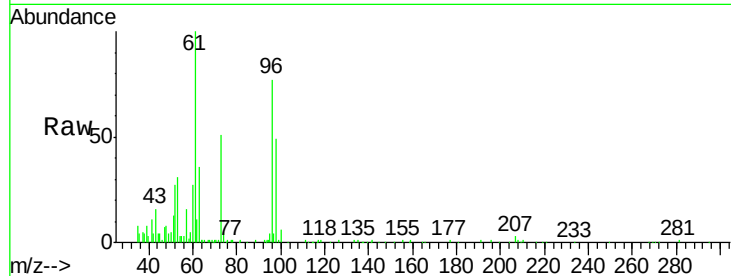
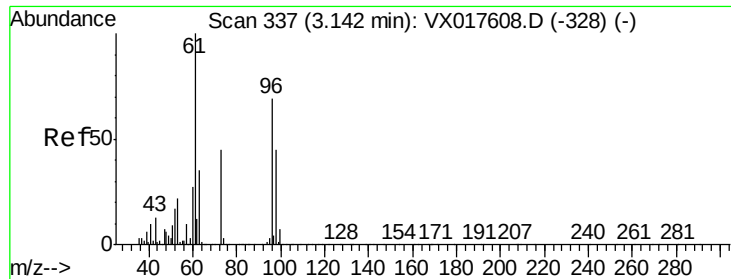
Delta R.T. -0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Tgt Ion:	84	Resp:	32972
Ion	Ratio	Lower	Upper
84	100		
49	135.6	96.7	145.1
51	38.7	31.0	46.4
86	69.7	51.8	77.6





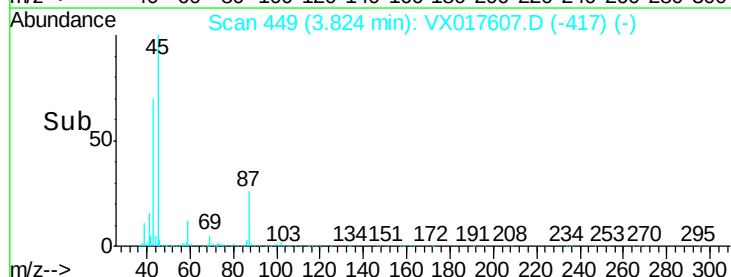
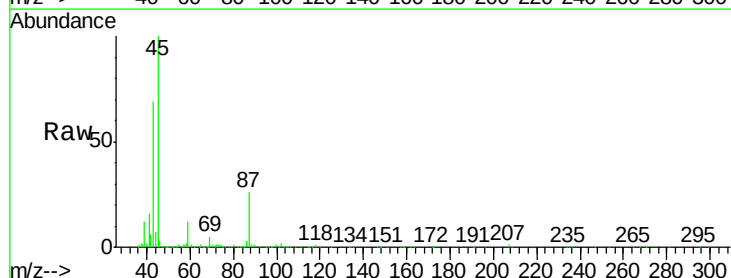
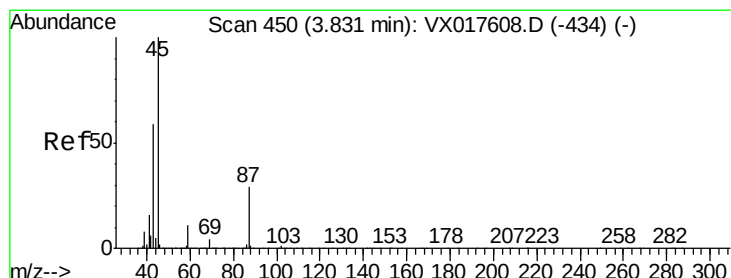
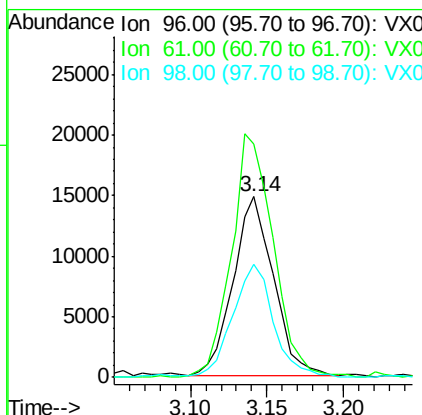
#19
trans-1,2-Dichloroethene
Concen: 4.571 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	129.2	115.0	172.6	
98	63.0	51.6	77.4	

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

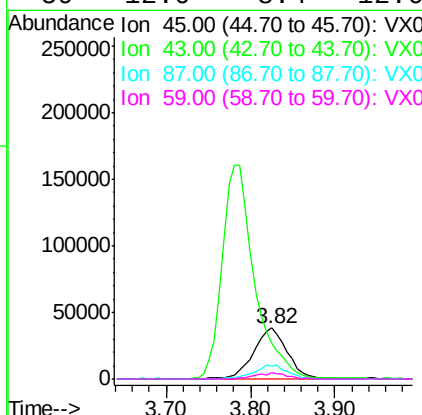
Manual Integrations
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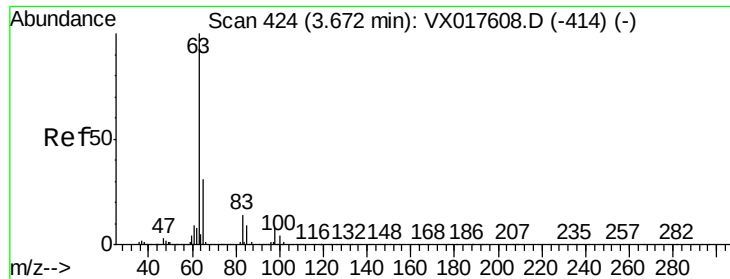
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#20
Diisopropyl ether
Concen: 5.325 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	69.7	47.4	71.0	
87	25.4	23.3	34.9	
59	12.0	8.4	12.6	





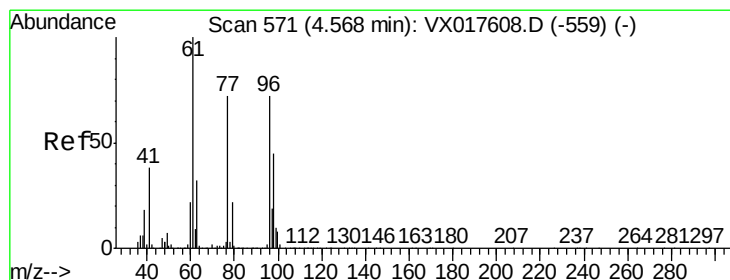
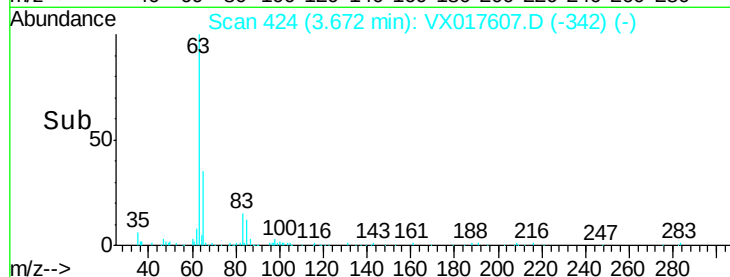
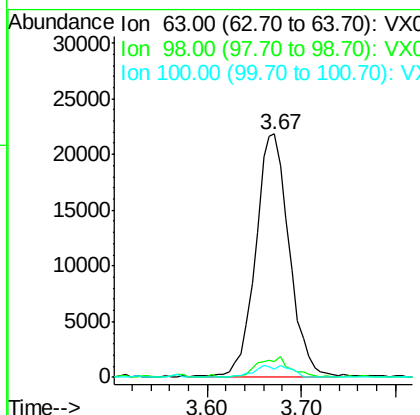
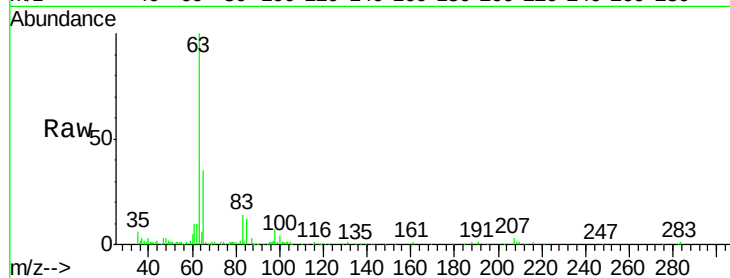
#21
1,1-Dichloroethane
Concen: 5.011 ug/l
RT: 3.67 min Scan# 424
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.9	11.7
100	3.5	1.9	5.7

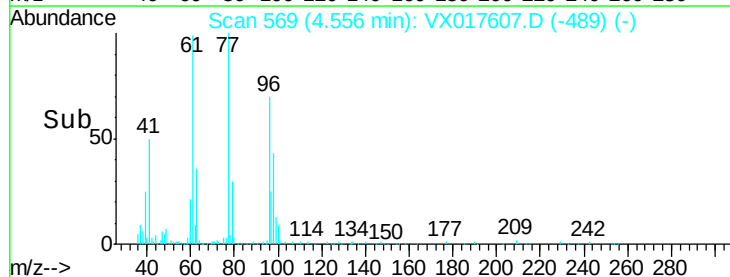
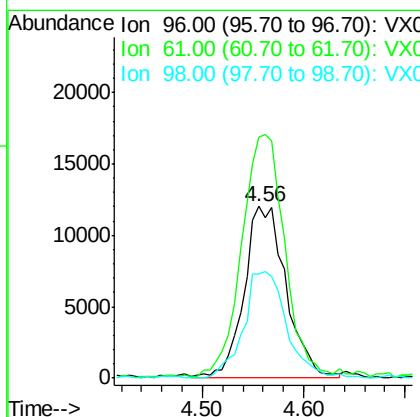
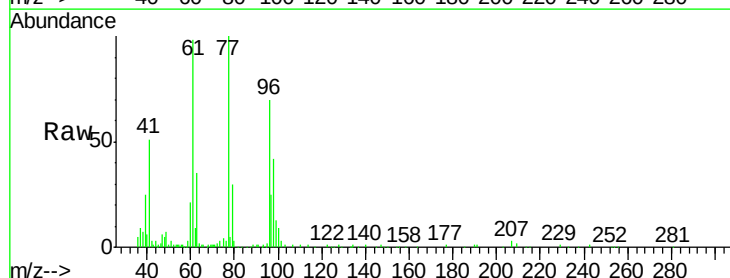
Manual Integrations
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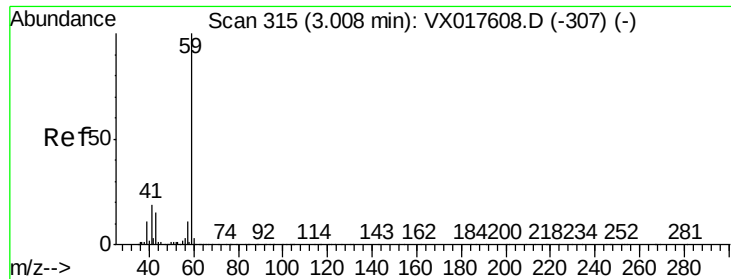
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#22
cis-1,2-Dichloroethene
Concen: 5.008 ug/l m
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.8	121.1	181.7
98	27.6	51.4	77.2#





#23

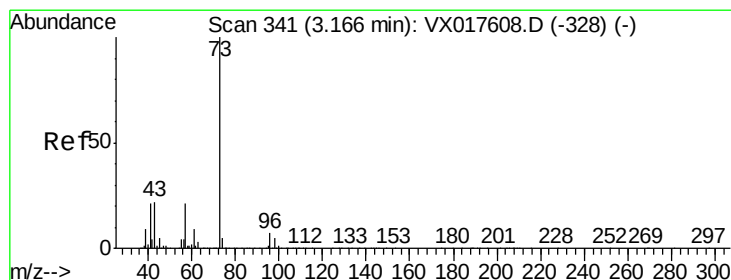
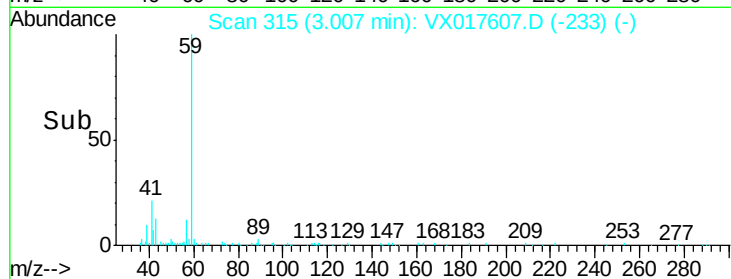
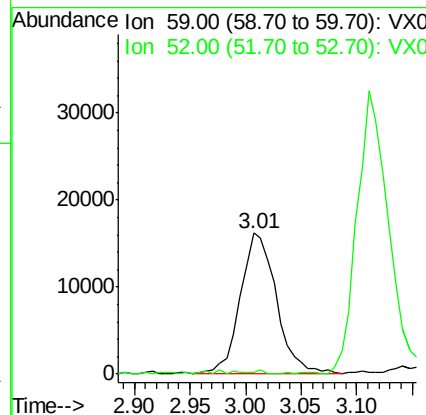
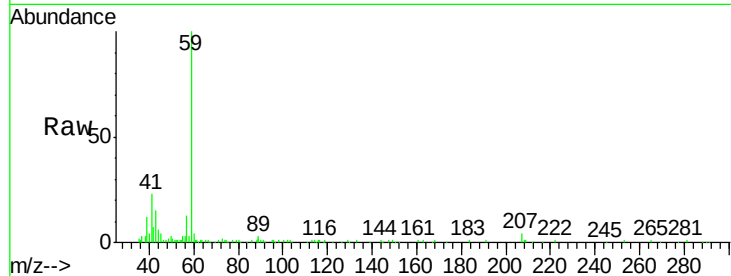
tert-Butyl Alcohol
 Concen: 25.929 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.6	0.2	0.4#

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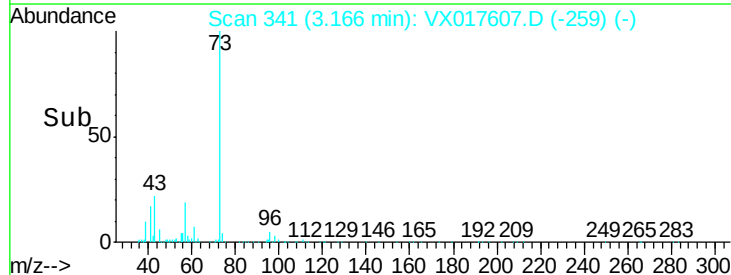
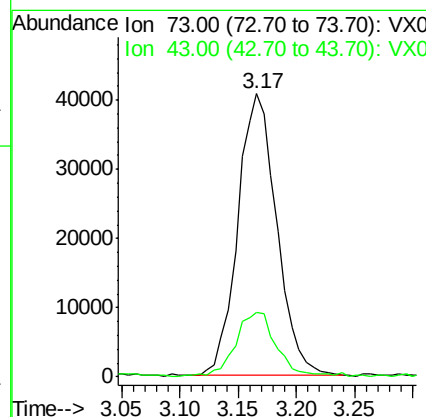
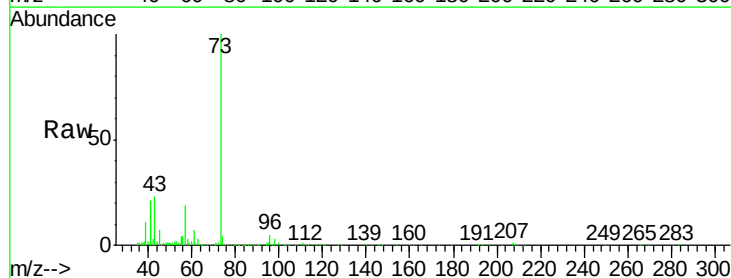
MMDadoda
 7/28/2020 10:31:51 AM

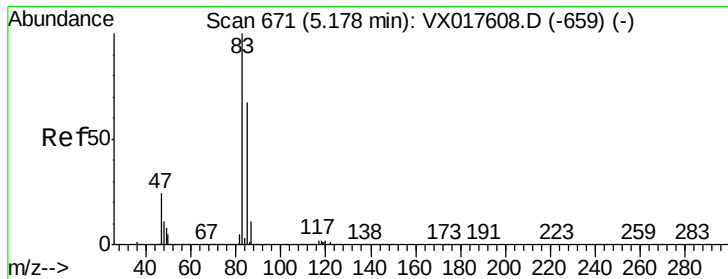


#24

Methyl tert-Butyl Ether
 Concen: 4.713 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Lower	Upper
73	100		
43	24.0	18.1	27.1





#25

Chloroform

Concen: 4.989 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 83 Resp: 58421

Ion Ratio Lower Upper

83 100

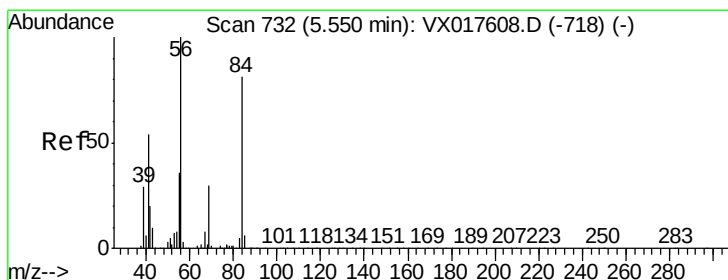
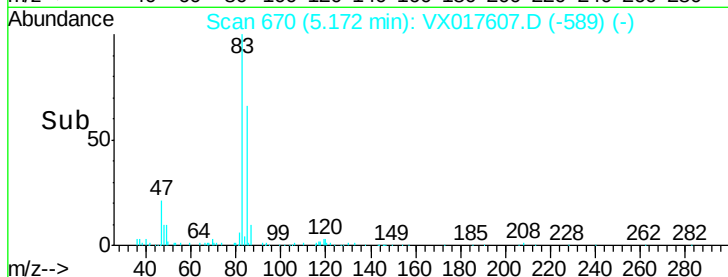
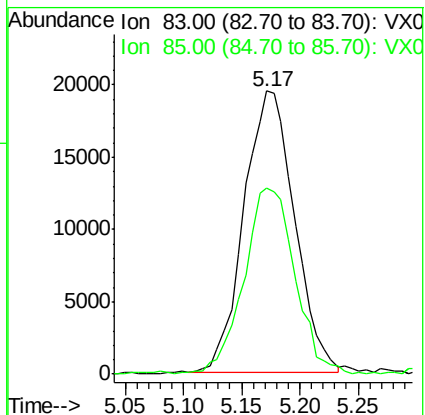
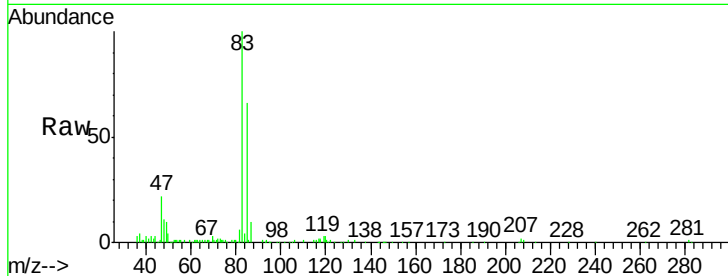
85 65.3 53.7 80.5

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#26

Cyclohexane

Concen: 4.516 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

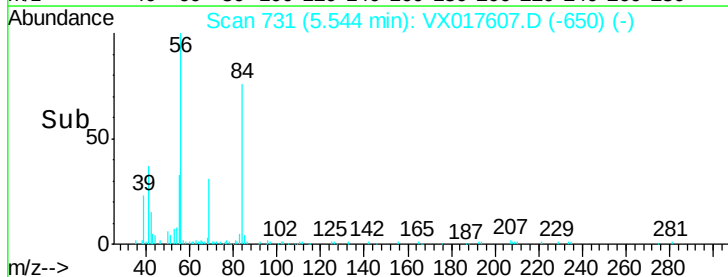
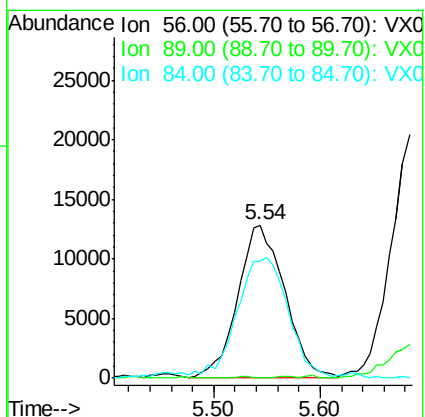
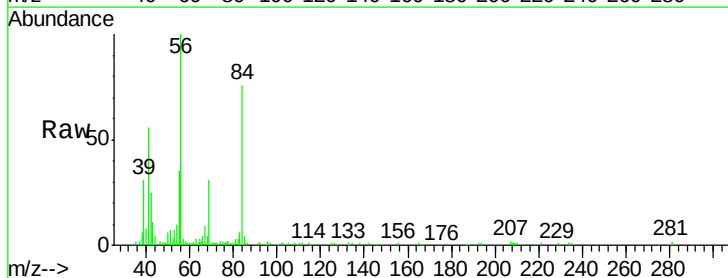
Tgt Ion: 56 Resp: 39085

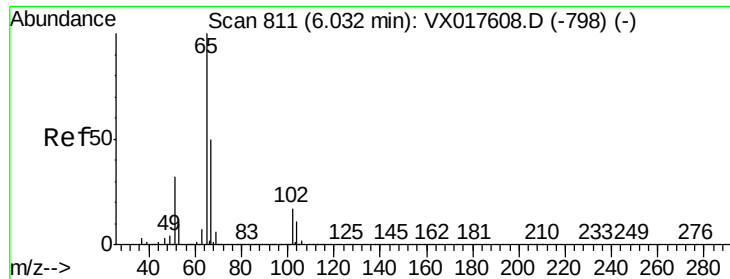
Ion Ratio Lower Upper

56 100

89 0.3 0.0 0.0#

84 86.8 69.3 103.9





#27

1,2-Dichloroethane-d4

Concen: 33.293 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 268146

Ion Ratio Lower Upper

65 100

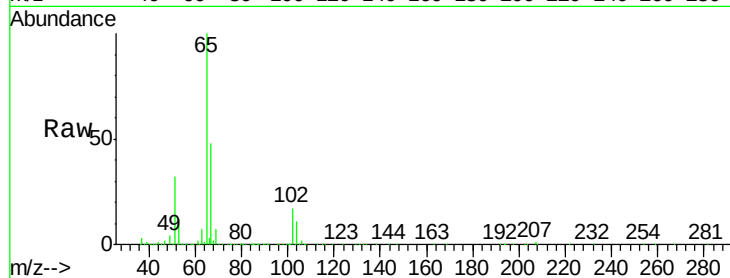
67 50.3 40.6 61.0

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7/28/2020 10:31:51 AM



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

120000

100000

80000

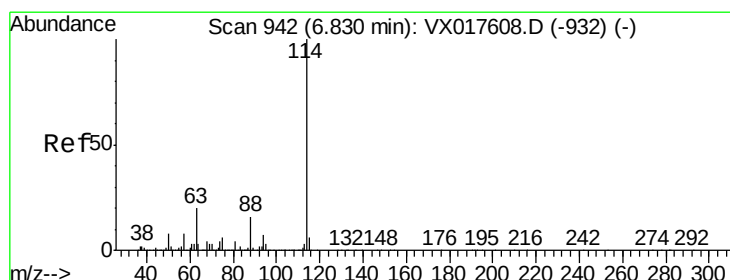
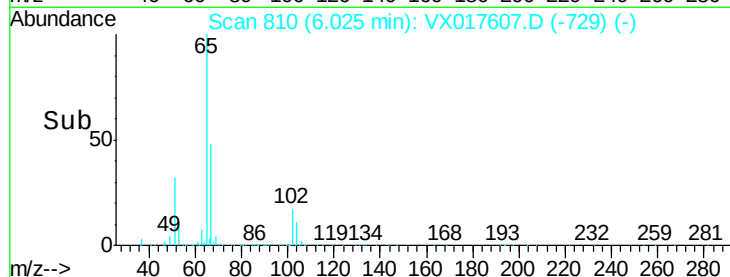
60000

40000

20000

0

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

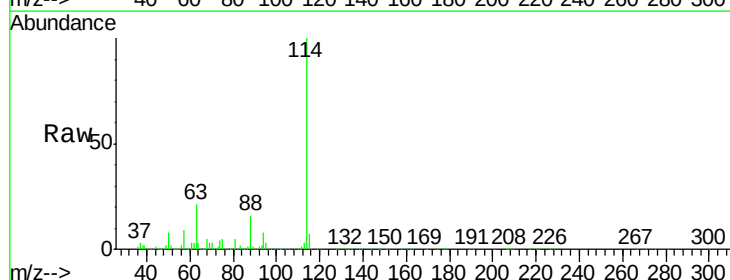
Tgt Ion: 114 Resp: 624122

Ion Ratio Lower Upper

114 100

63 20.6 16.3 24.5

88 16.0 12.6 18.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

6.83

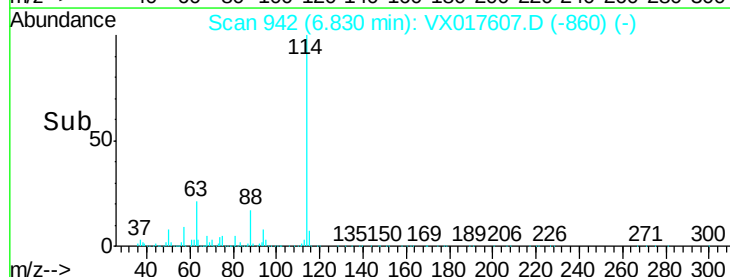
300000

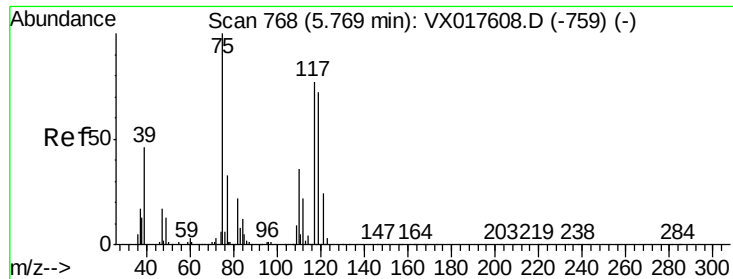
200000

100000

0

Time-->





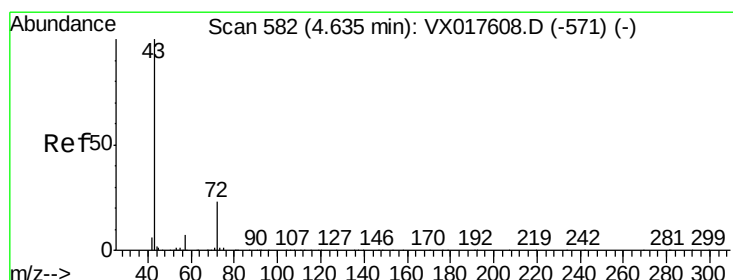
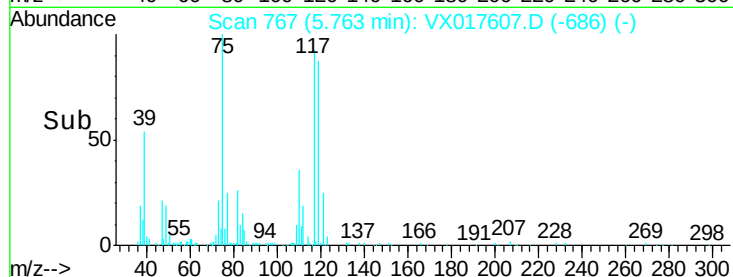
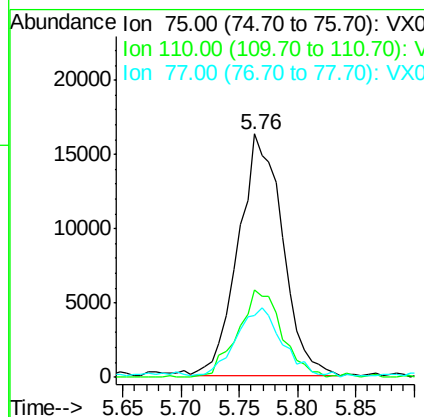
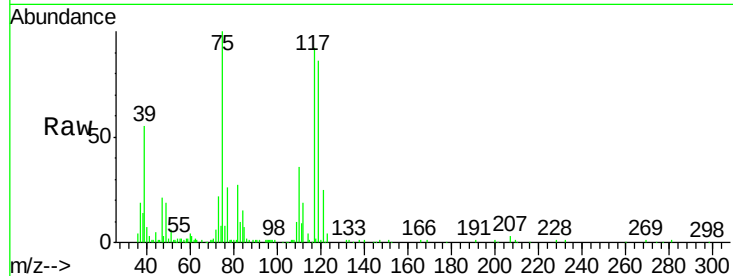
#29
 1,1-Dichloropropene
 Concen: 4.833 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.4	0.0	75.4
77	27.8	0.0	63.2

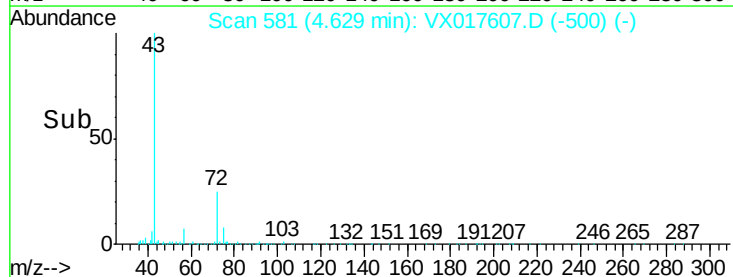
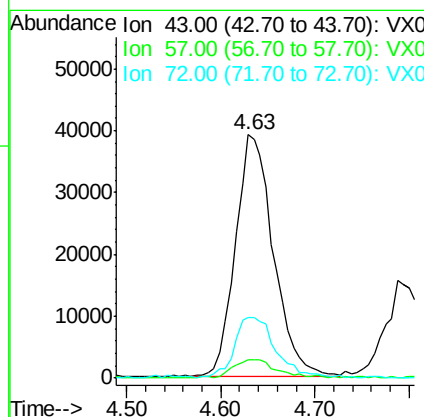
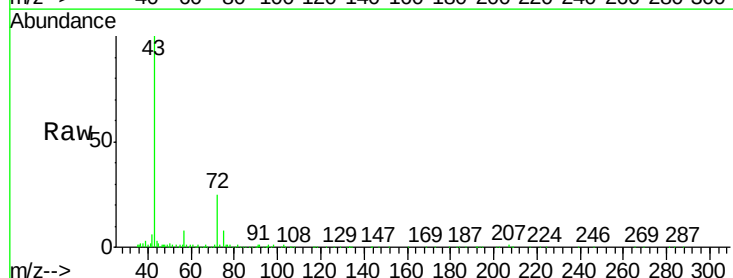
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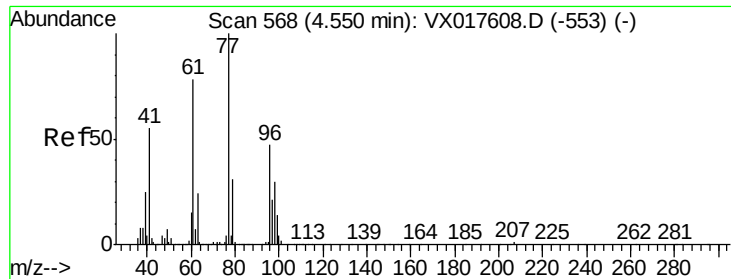
MMDadoda
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#30
 2-Butanone
 Concen: 22.657 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.5	9.7
72	26.1	19.8	29.6





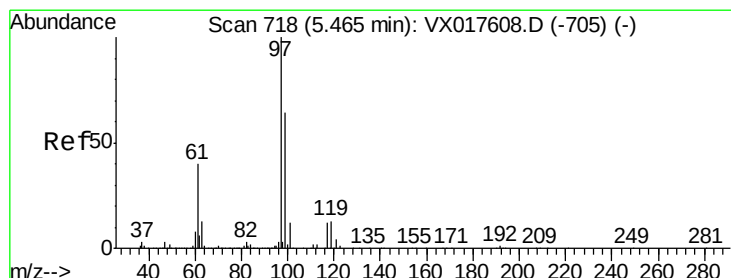
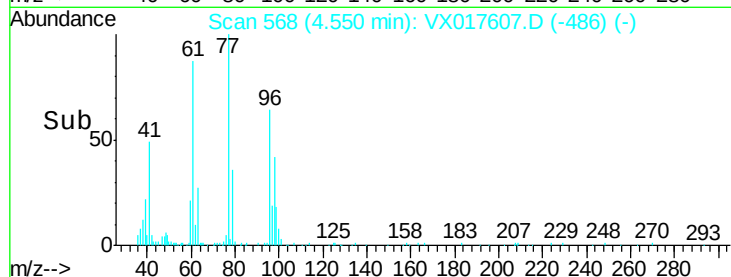
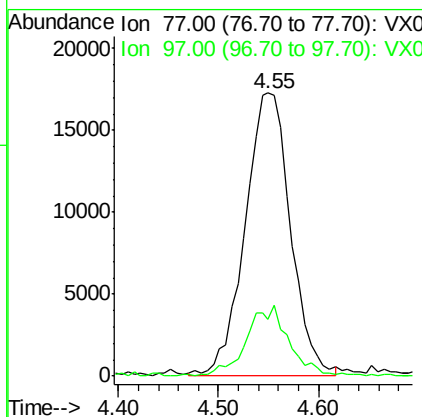
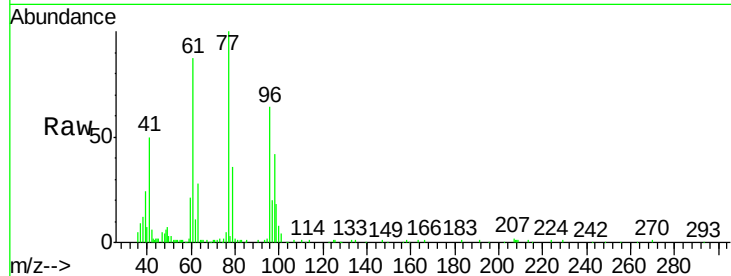
#31
 2,2-Dichloropropane
 Concen: 4.855 ug/l m
 RT: 4.55 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
77	100		
97	0.1	17.6	26.4#

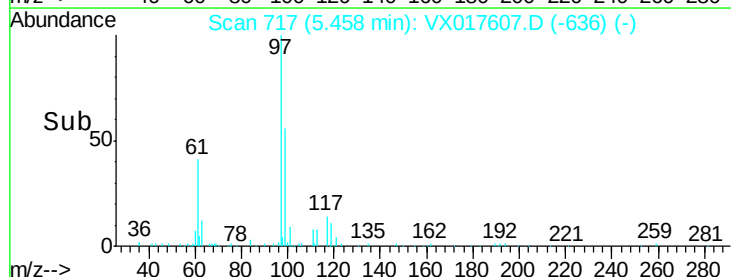
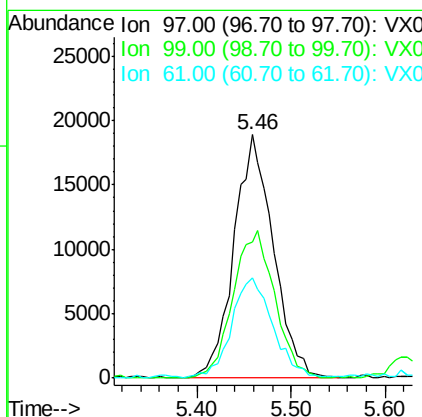
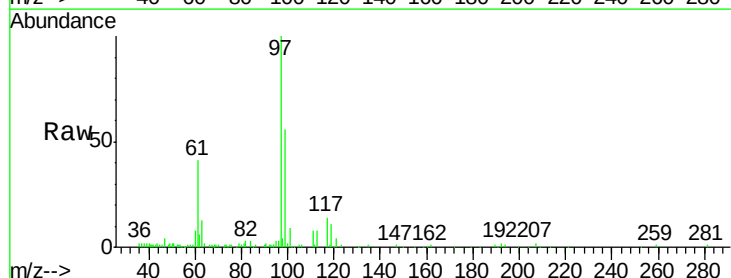
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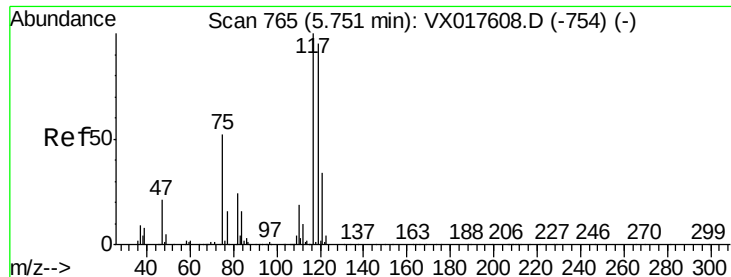
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#32
 1,1,1-Trichloroethane
 Concen: 4.752 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.6	75.8
61	42.0	32.6	48.8





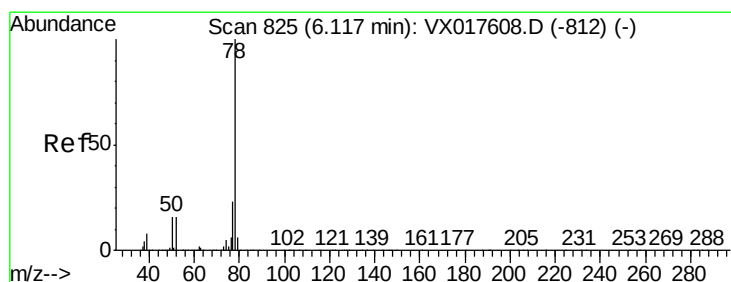
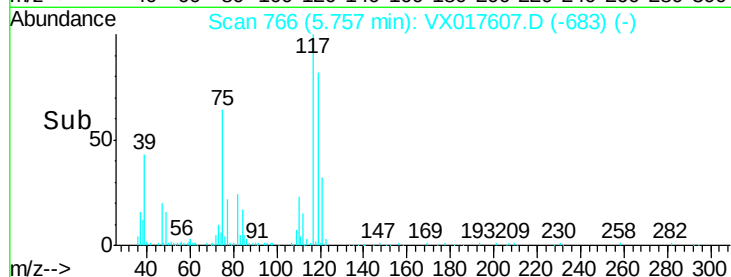
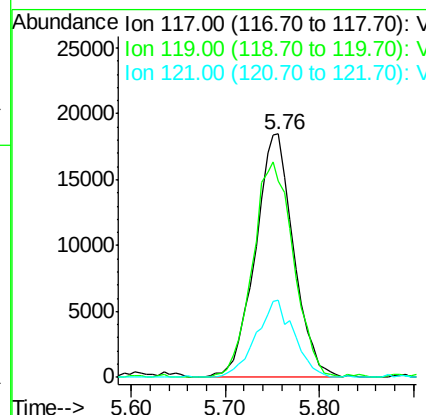
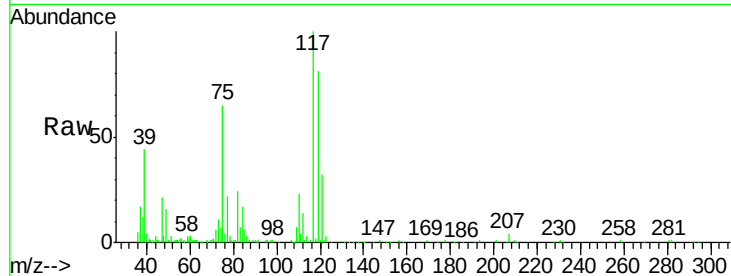
#33
Carbon Tetrachloride
Concen: 4.895 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
119	80.7	76.2	114.2
121	31.9	26.8	40.2

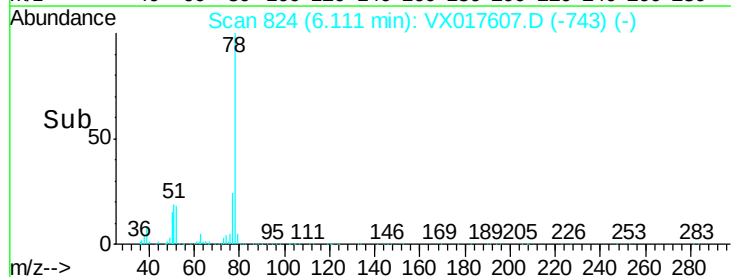
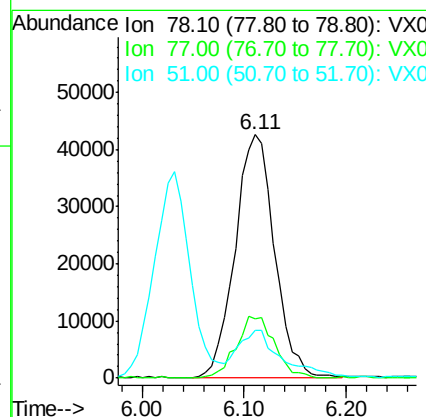
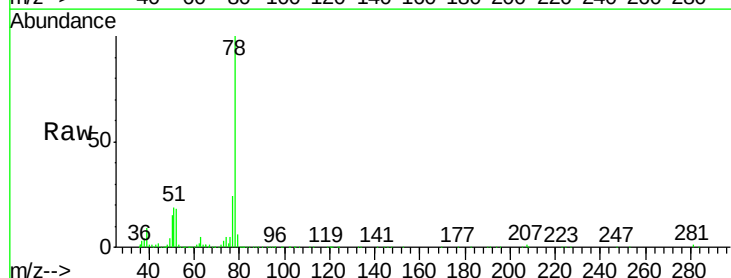
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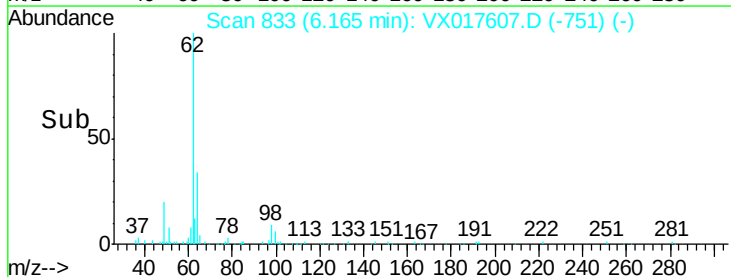
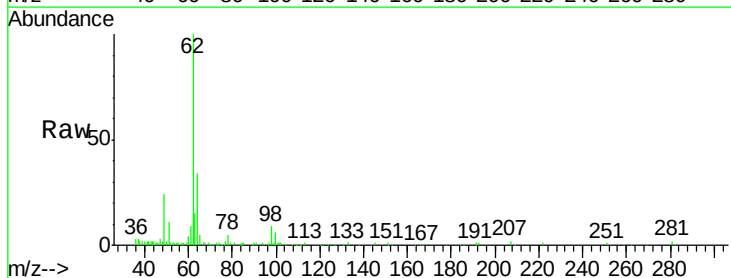
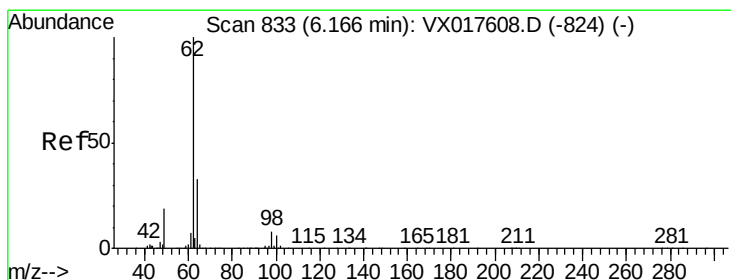
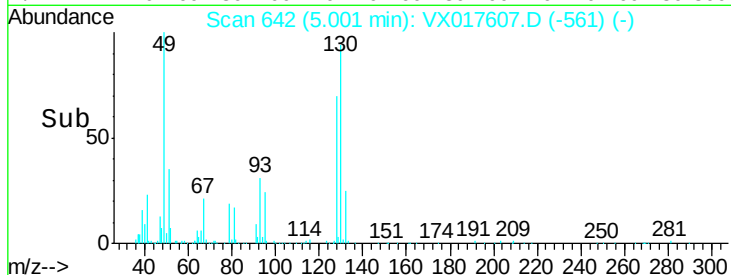
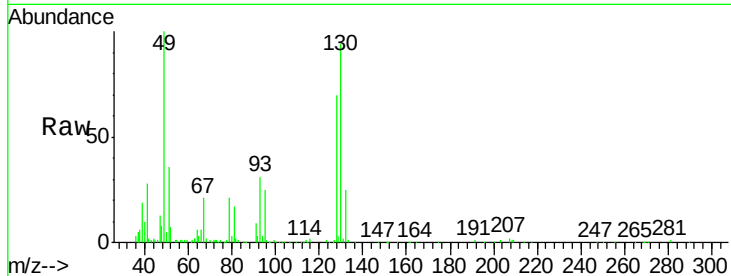
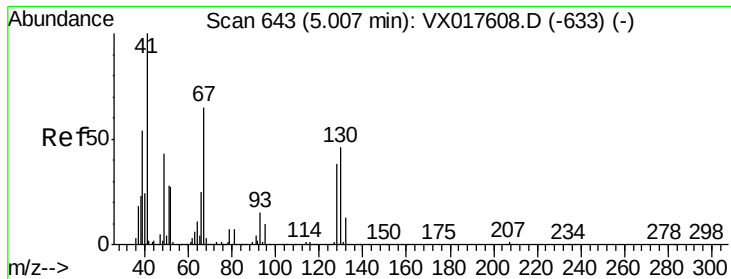
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7/28/2020 10:31:51 AM



#34
Benzene
Concen: 4.389 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

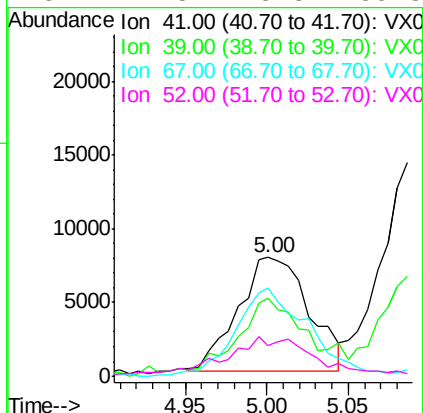
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.3	27.5
51	18.1	12.3	18.5





#35
Methacrylonitrile
Concen: 4.257 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		23349		
39	64.3	27.0	81.0		
67	75.6	32.4	97.0		
52	22.8	13.3	39.8		



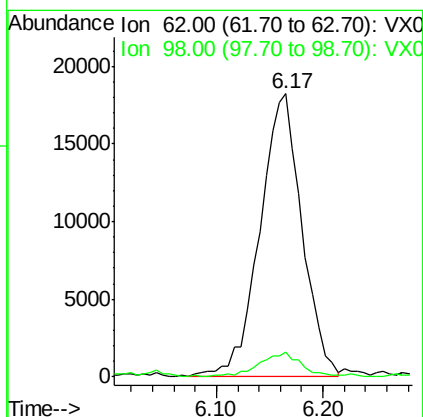
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

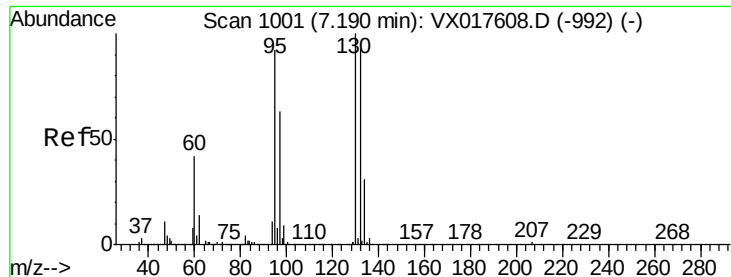
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#36
1,2-Dichloroethane
Concen: 4.797 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		49724		
98	8.9	6.6	10.0		





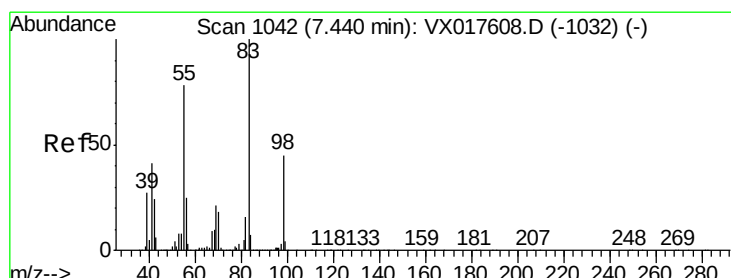
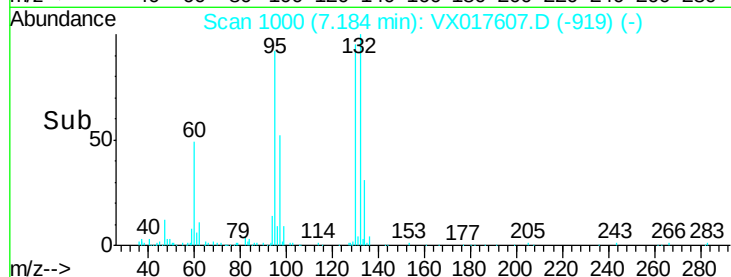
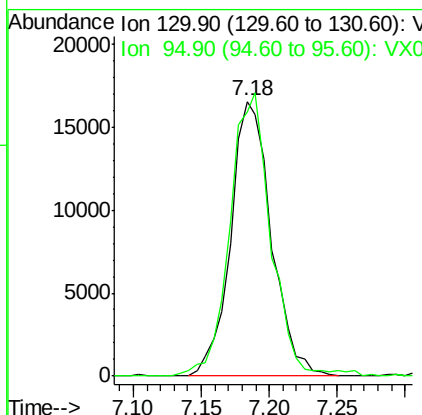
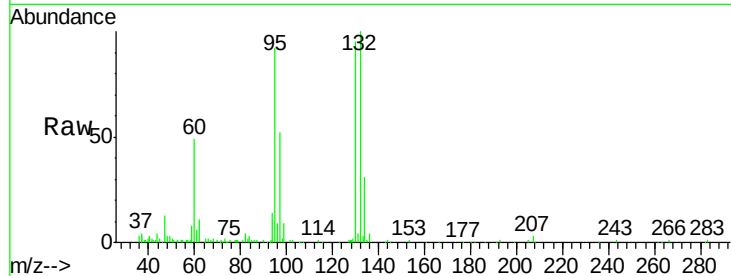
#37
 Trichloroethene
 Concen: 4.325 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:130 Resp: 34489
 Ion Ratio Lower Upper
 130 100
 95 94.2 73.9 110.9

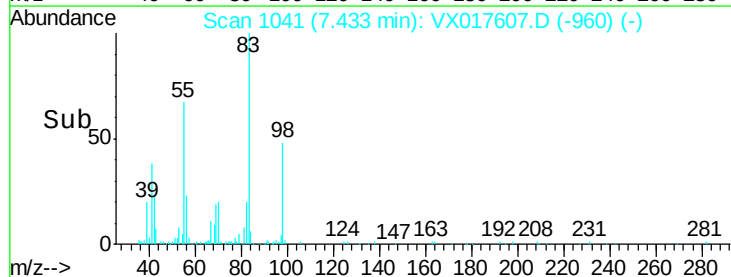
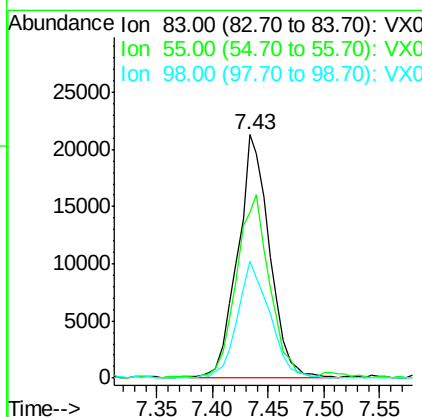
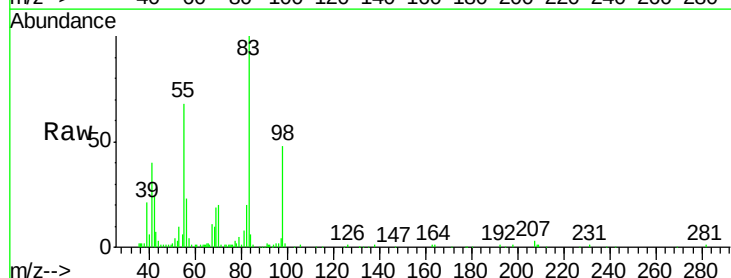
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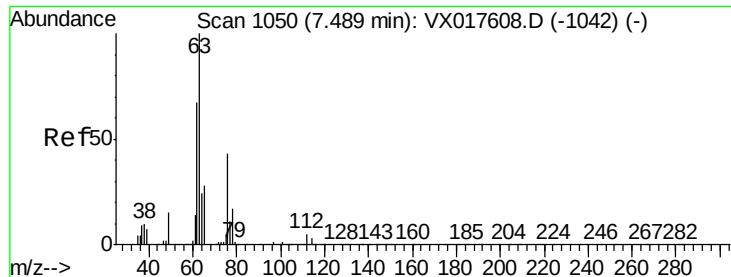
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#38
 Methylcyclohexane
 Concen: 4.475 ug/l
 RT: 7.43 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Tgt Ion: 83 Resp: 42571
 Ion Ratio Lower Upper
 83 100
 55 76.7 39.6 118.7
 98 48.7 23.9 71.7





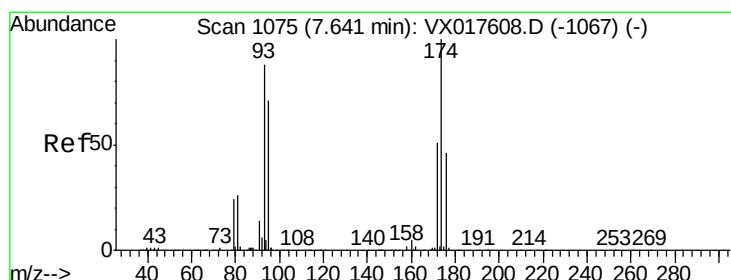
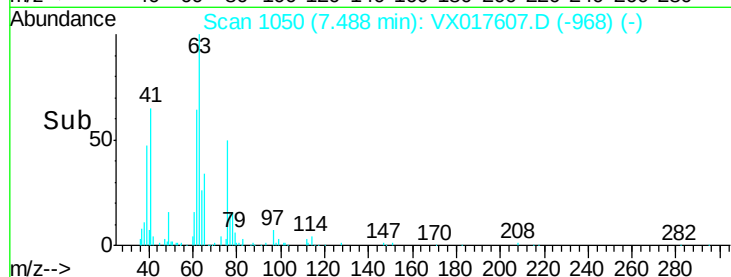
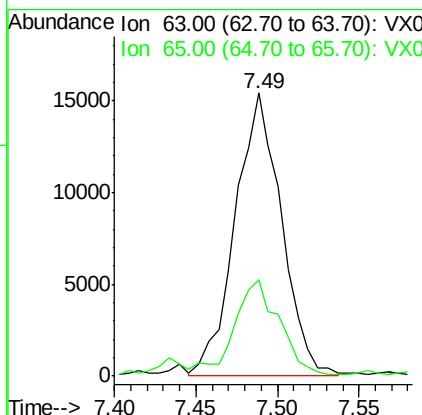
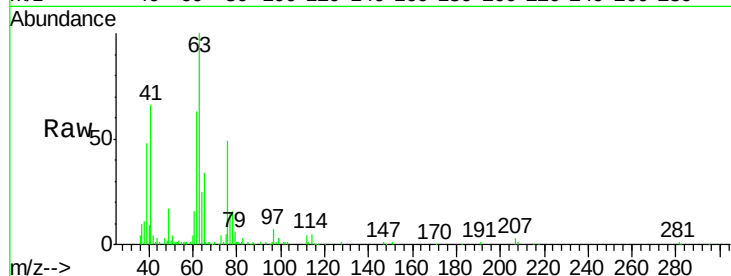
#39
 1,2-Dichloropropane
 Concen: 4.437 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.7	25.2	37.8

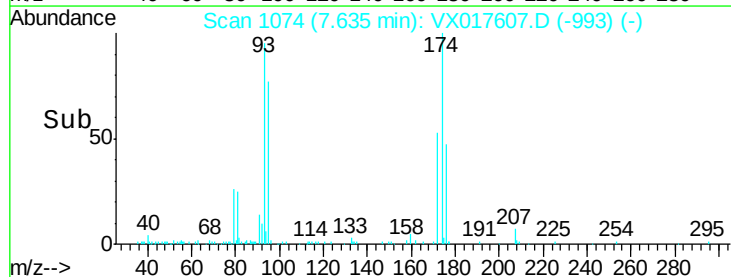
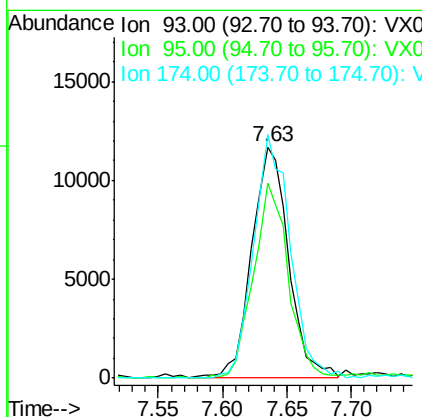
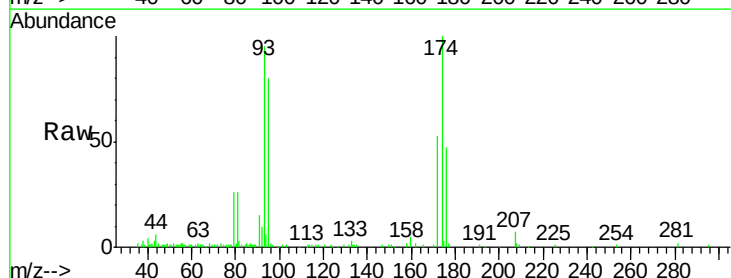
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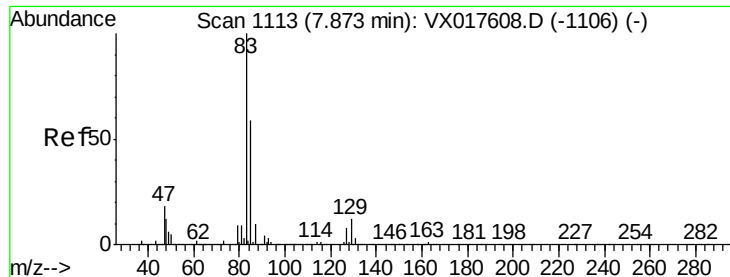
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#40
 Dibromomethane
 Concen: 4.662 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	77.9	0.0	163.4
174	104.6	0.0	214.6





#41

Bromodichloromethane

Concen: 4.400 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

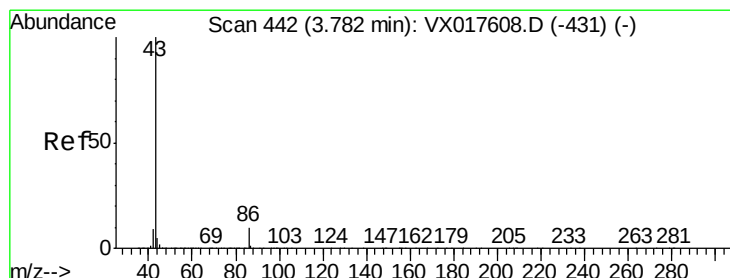
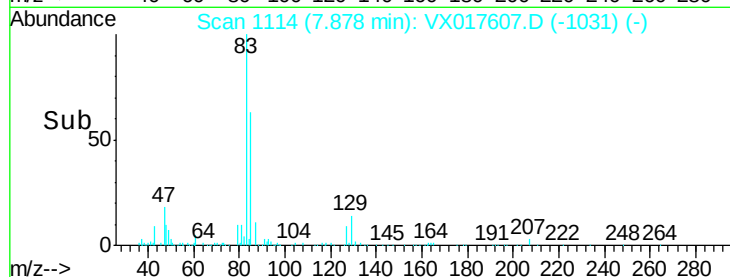
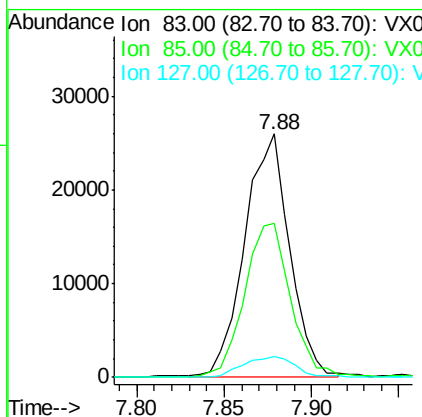
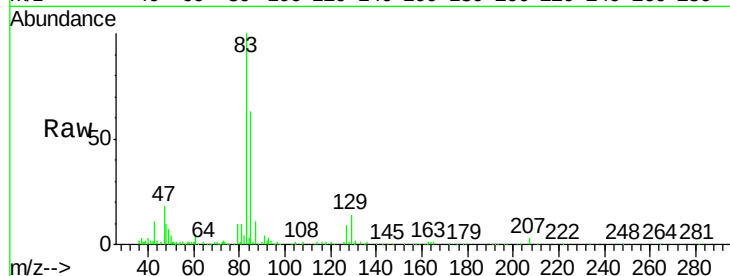
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	46030
Ion Ratio	Lower	Upper	
83	100		
85	63.4	47.4	71.0
127	8.4	6.3	9.5

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#42

Vinyl Acetate

Concen: 23.593 ug/l

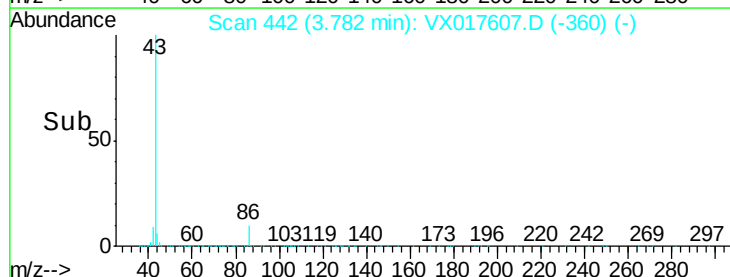
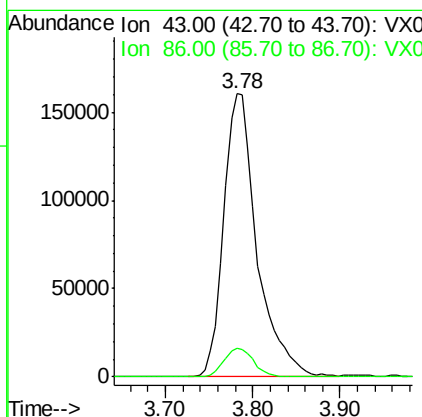
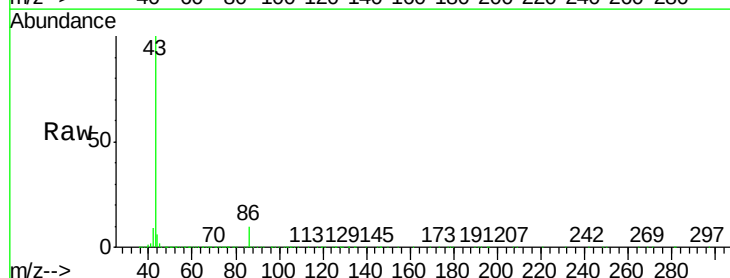
RT: 3.78 min Scan# 442

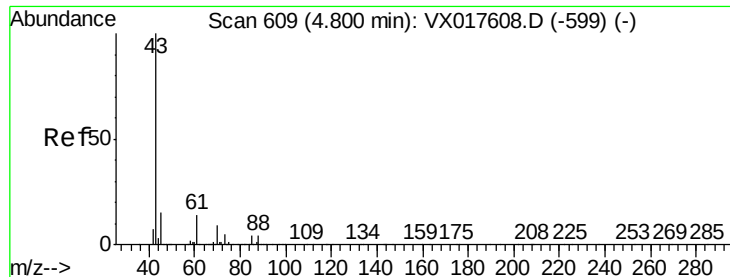
Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Tgt Ion:	43	Resp:	425200
Ion Ratio	Lower	Upper	
43	100		
86	9.1	7.0	10.6





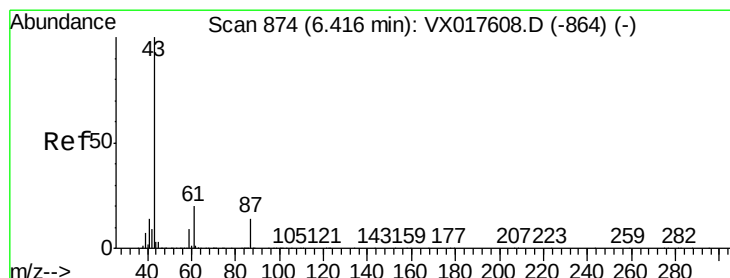
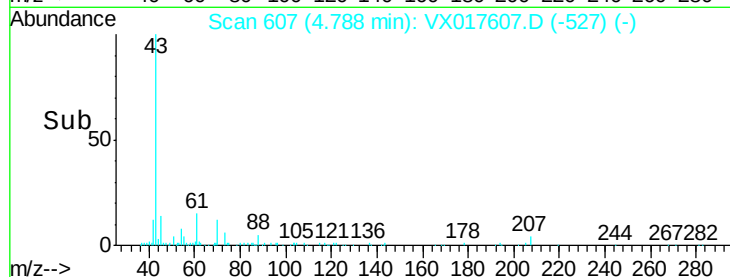
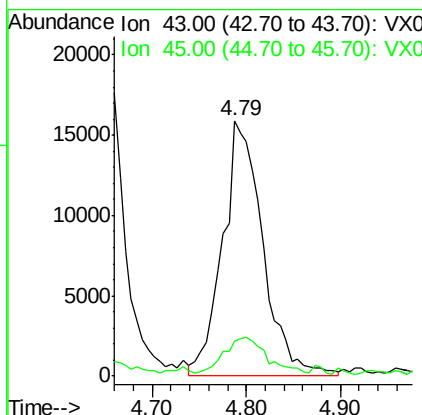
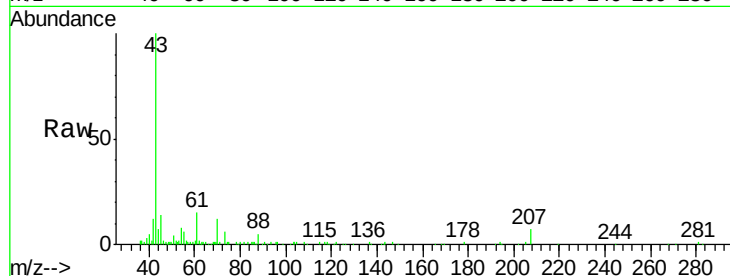
#43
Ethyl Acetate
Concen: 5.006 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
45	12.5	11.4	17.2

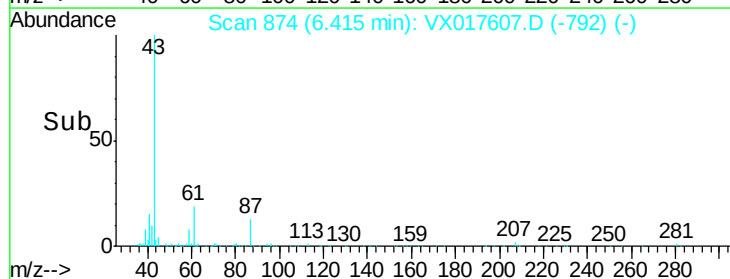
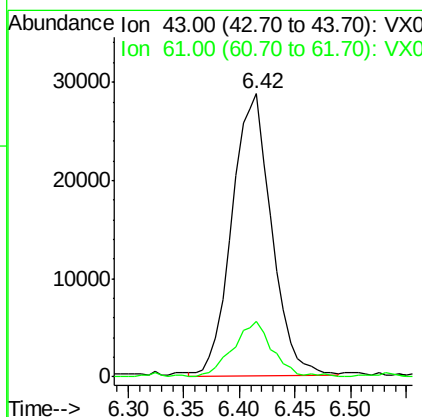
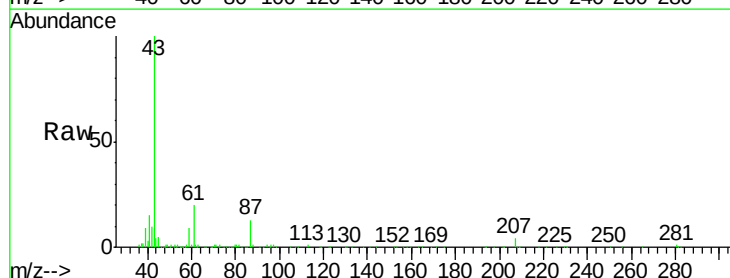
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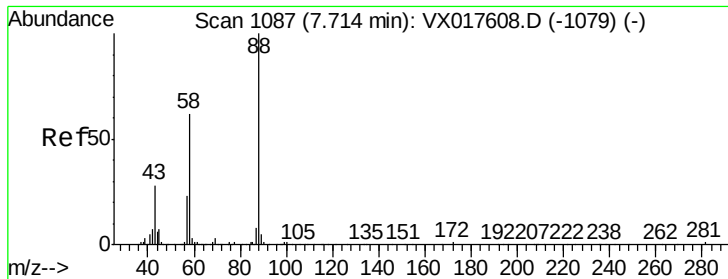
MMDadoda
7/28/2020 10:31:51 AM



#44
Isopropyl Acetate
Concen: 4.514 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.9	23.9





#45

1,4-Dioxane

Concen: 83.021 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

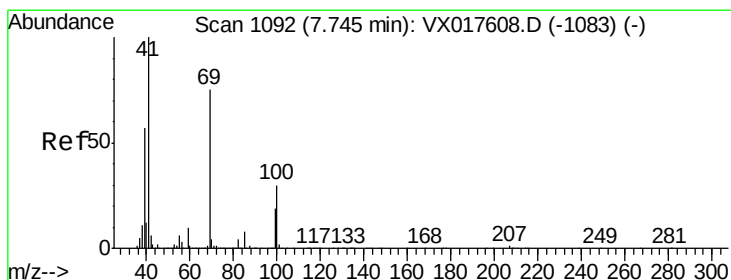
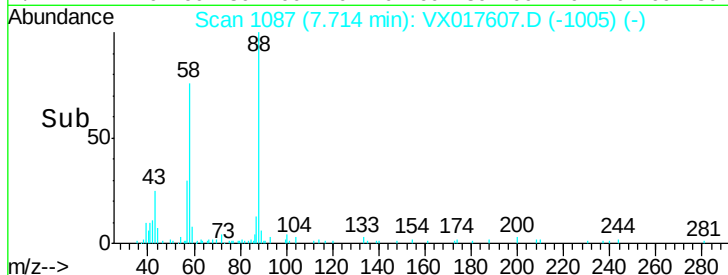
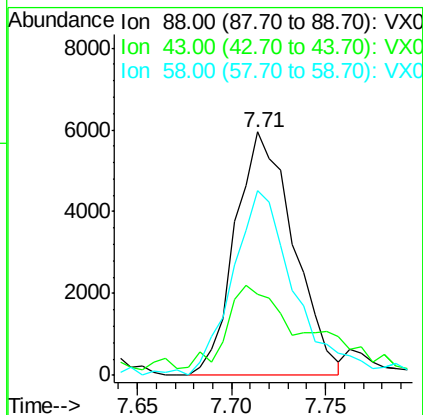
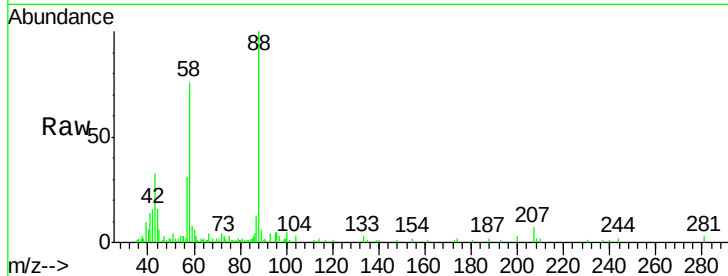
ClientSampleId :

VSTDIC005

Tot Ion:	88	Resp:	12824
Ion	Ratio	Lower	Upper
88	100		
43	30.2	29.0	43.6
58	79.2	55.6	83.4

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7/28/2020 10:31:51 AM



#46

Methyl methacrylate

Concen: 4.665 ug/l

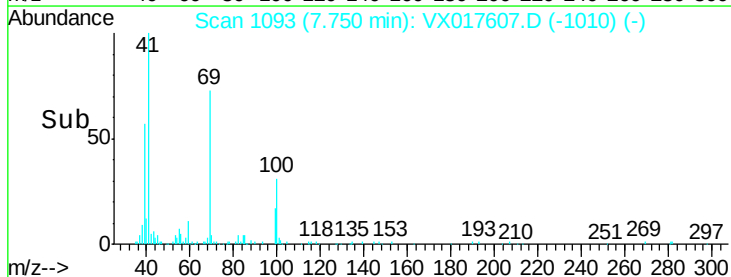
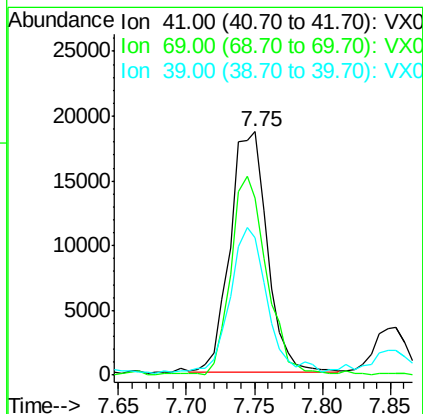
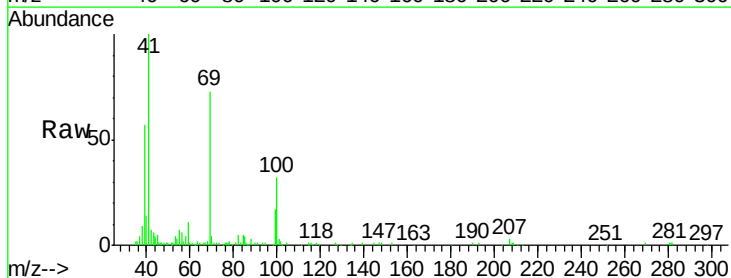
RT: 7.75 min Scan# 1093

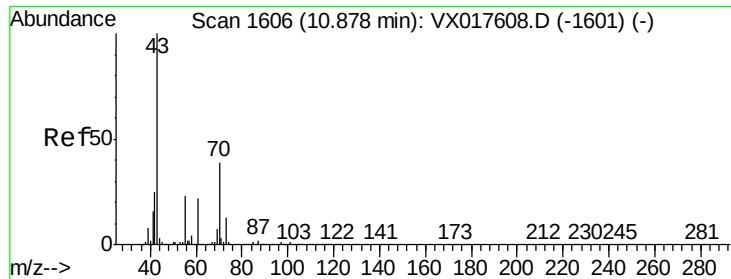
Delta R.T. 0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Tgt Ion:	41	Resp:	35718
Ion	Ratio	Lower	Upper
41	100		
69	73.3	37.4	112.1
39	55.3	28.7	86.1





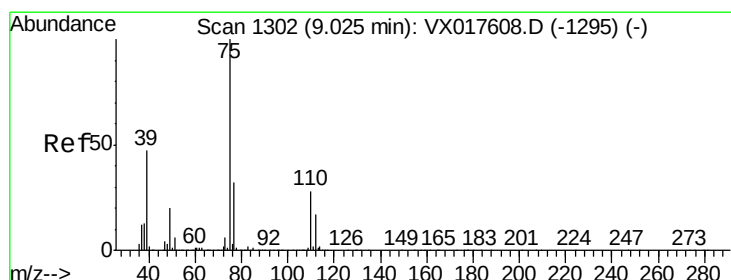
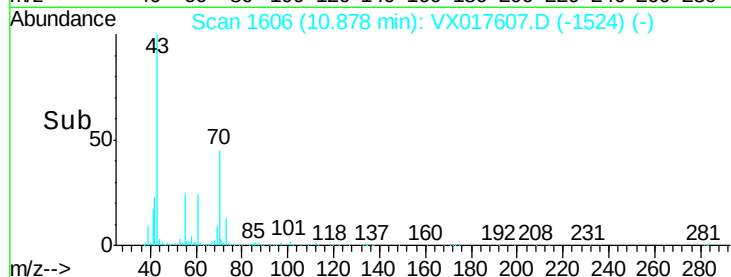
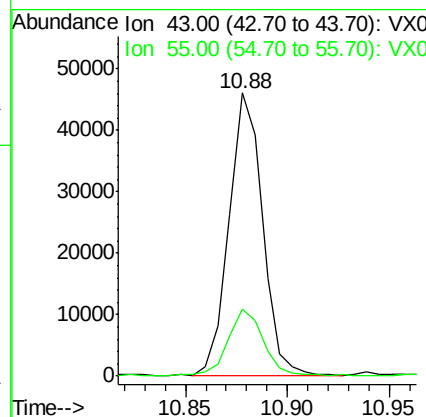
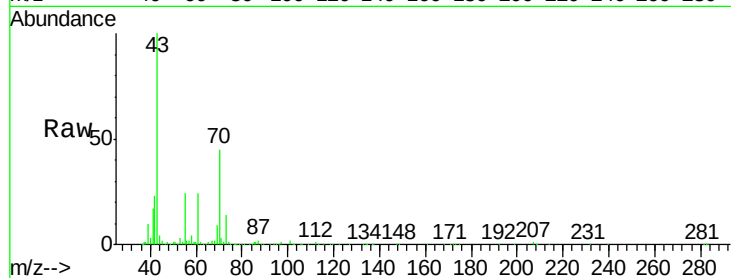
#47
n-amvl Acetate
Concen: 3.781 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
55	24.5	19.5	29.3

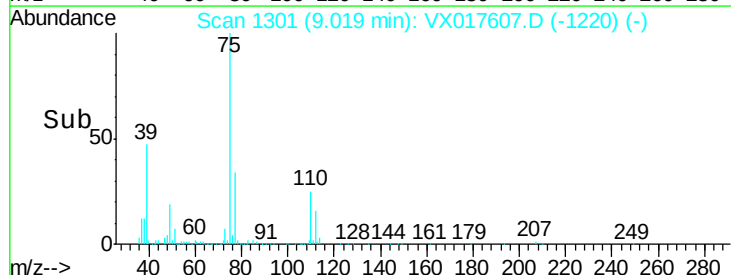
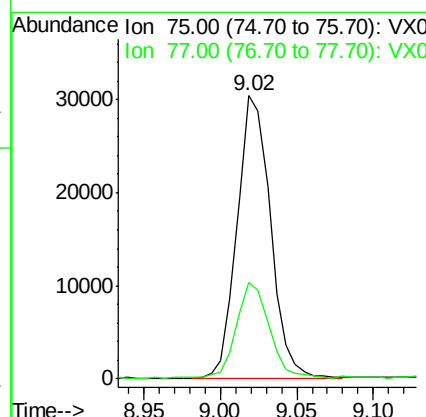
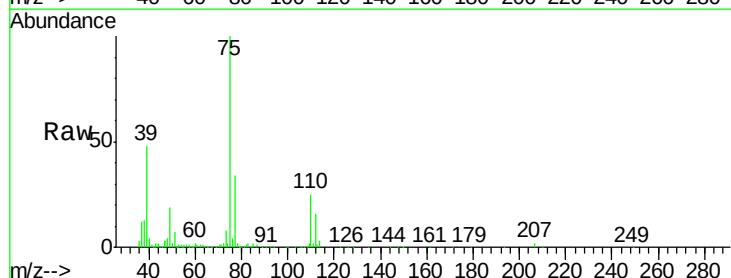
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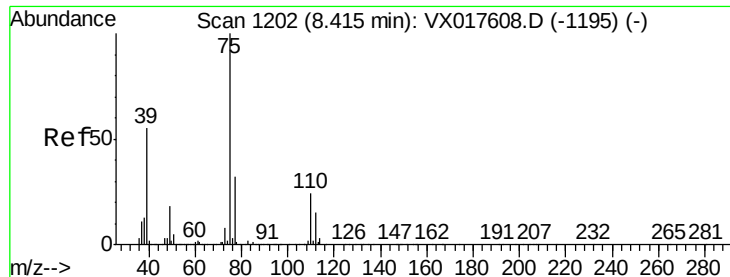
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#48
t-1,3-Dichloropropene
Concen: 3.981 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.6	38.4





#49

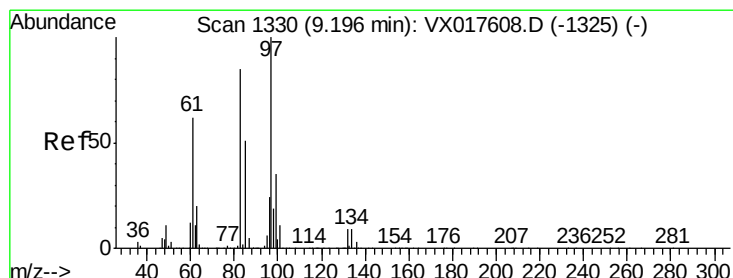
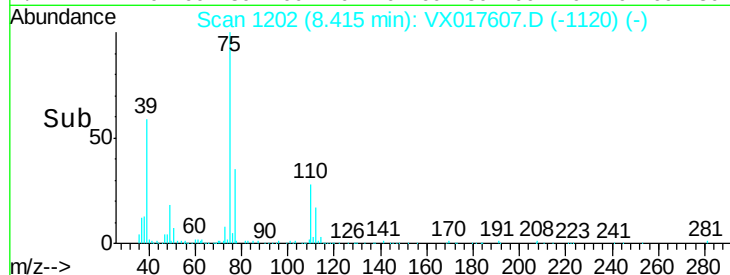
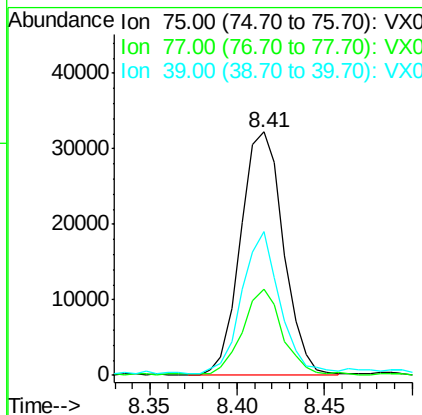
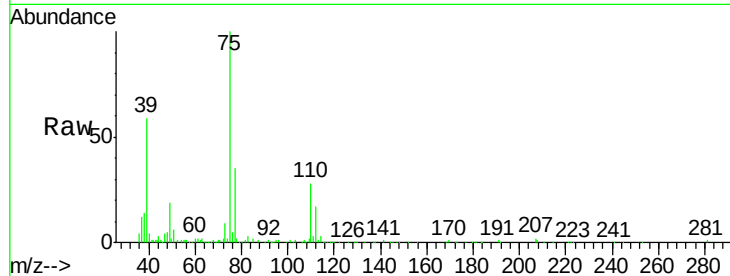
cis-1,3-Dichloropropene
 Concen: 4.523 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	75	Resp:	55075
Ion	Ratio	Lower	Upper
75	100		
77	34.4	25.4	38.0
39	58.3	43.6	65.4

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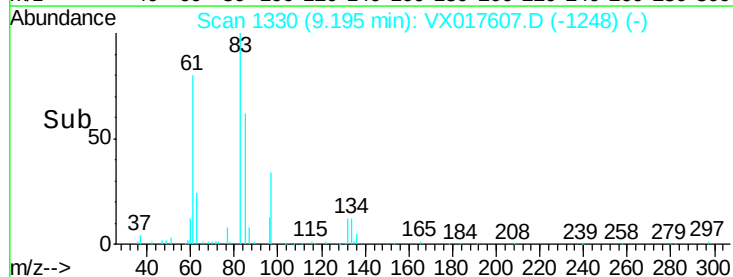
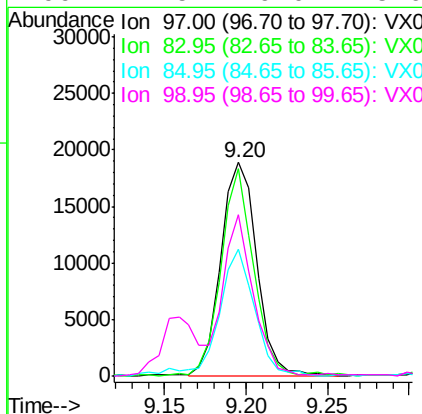
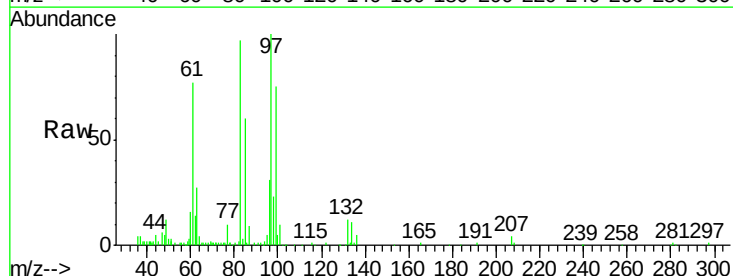
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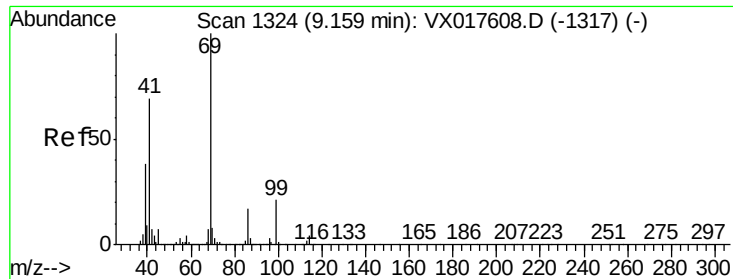


#50

1,1,2-Trichloroethane
 Concen: 3.973 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Tgt Ion:	97	Resp:	28992
Ion	Ratio	Lower	Upper
97	100		
83	96.7	68.2	102.2
85	58.9	42.6	64.0
99	74.5	49.0	73.6#





#51

Ethyl methacrylate

Concen: 3.681 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

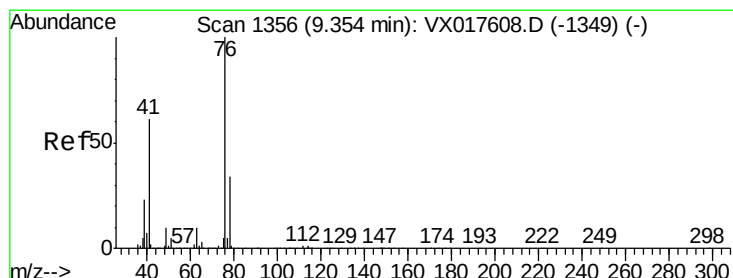
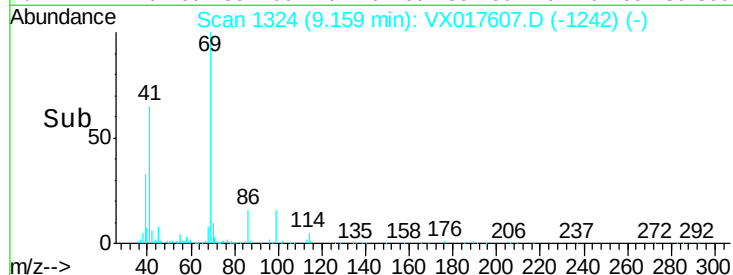
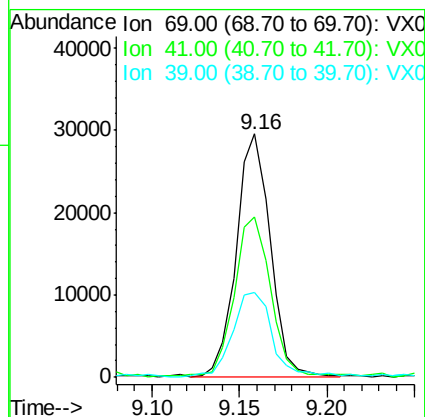
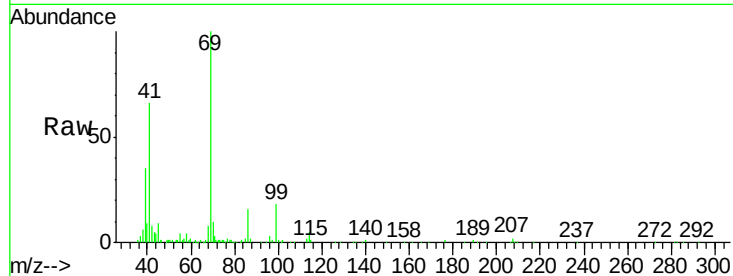
ClientSampleId :

VSTDIC005

Tot Ion:	69	Resp:	39685
Ion	Ratio	Lower	Upper
69	100		
41	65.3	34.4	103.2
39	34.8	19.1	57.1

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#52

1,3-Dichloropropane

Concen: 4.214 ug/l

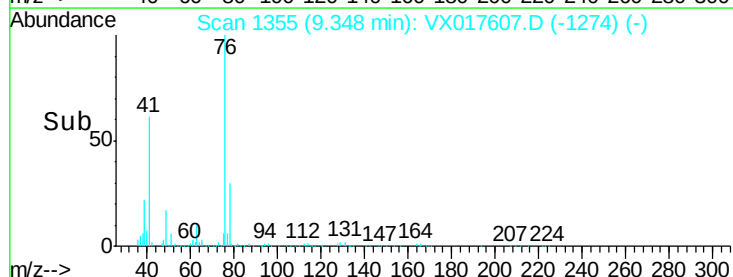
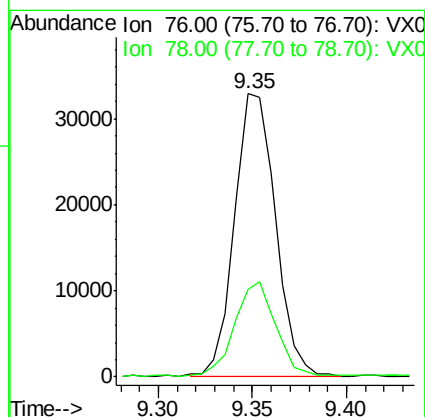
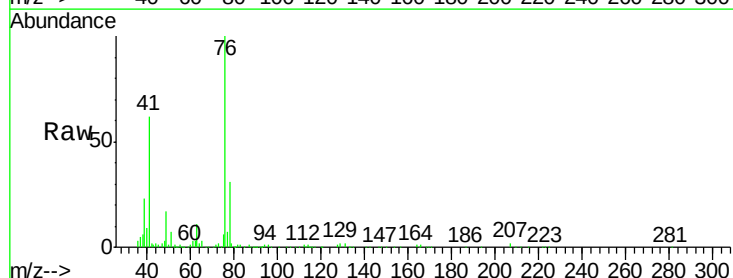
RT: 9.35 min Scan# 1355

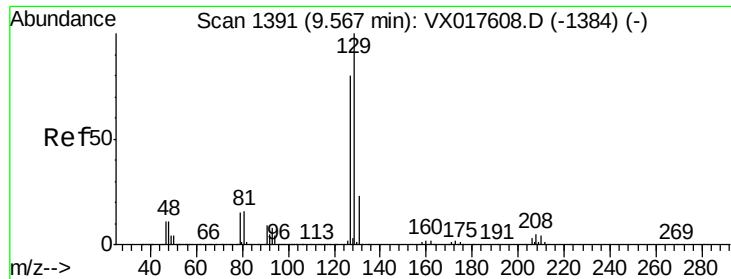
Delta R.T. -0.01 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Tgt Ion:	76	Resp:	49744
Ion	Ratio	Lower	Upper
76	100		
78	33.1	0.0	65.4





#53

Dibromochloromethane

Concen: 4.391 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:129 Resp: 38832

Ion Ratio Lower Upper

129 100

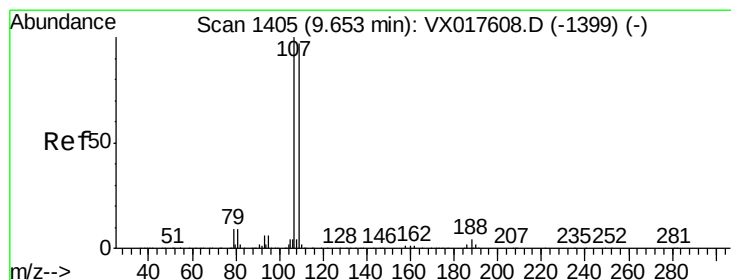
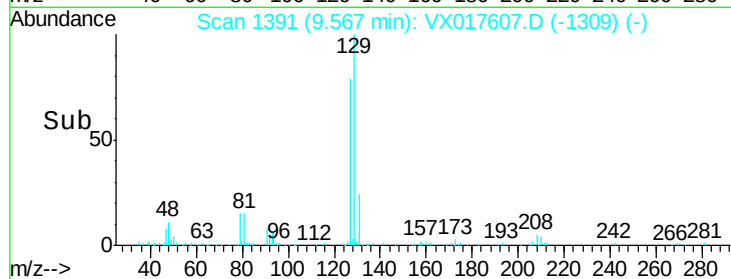
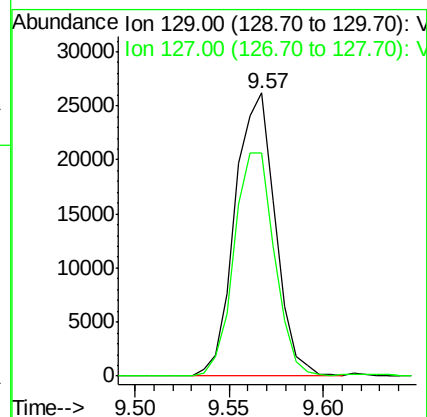
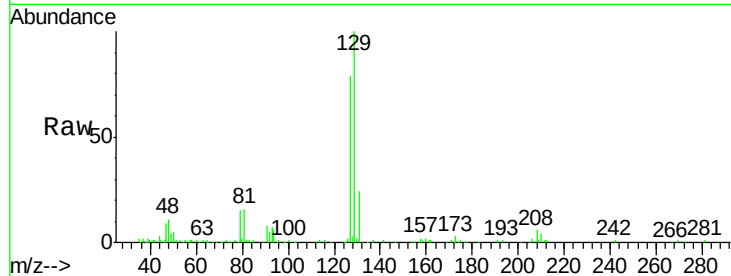
127 79.4 39.7 119.1

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7/28/2020 10:31:51 AM



#54

1,2-Dibromoethane

Concen: 4.683 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017607.D

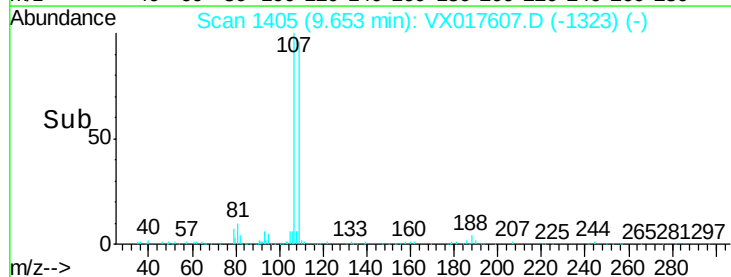
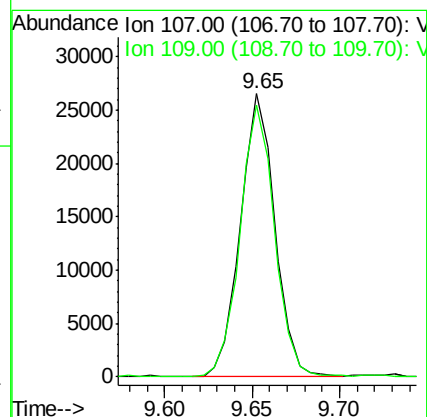
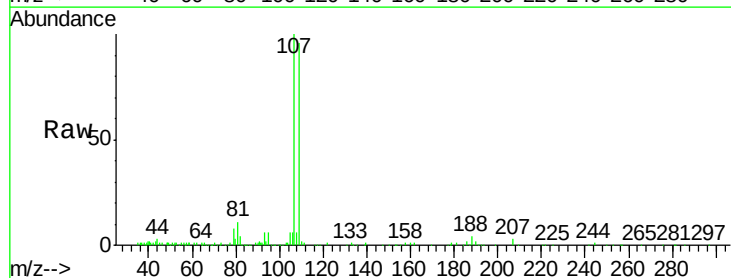
Acq: 27 Jul 2020 09:23

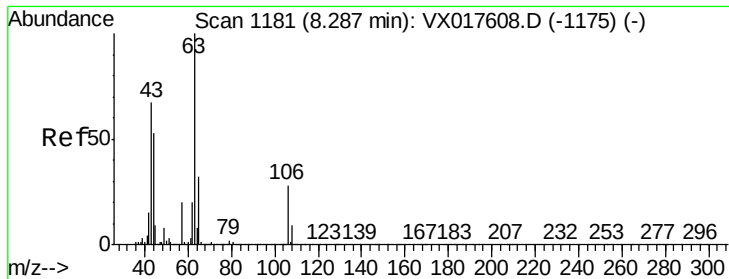
Tgt Ion:107 Resp: 36395

Ion Ratio Lower Upper

107 100

109 96.0 75.6 113.4





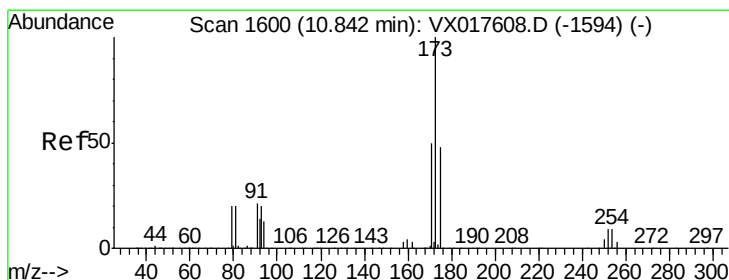
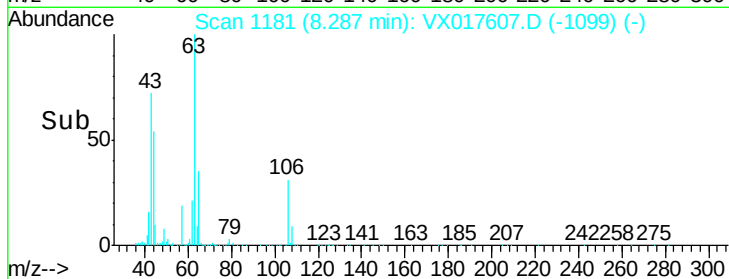
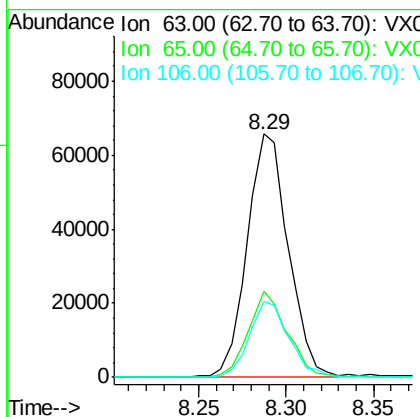
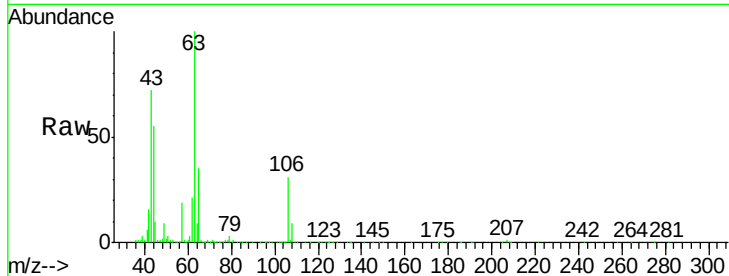
#55
 2-Chloroethyl vinyl ether
 Concen: 21.276 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	63	Resp:	107784
Ion	Ratio	Lower	Upper
63	100		
65	32.8	25.5	38.3
106	30.0	22.9	34.3

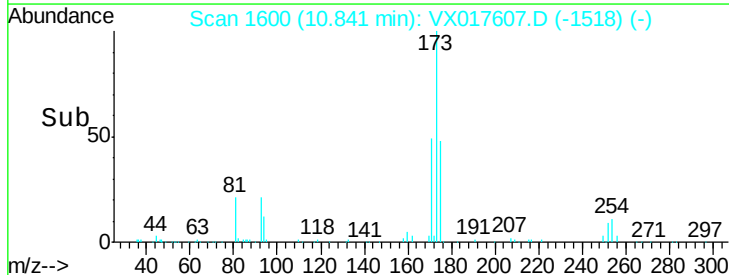
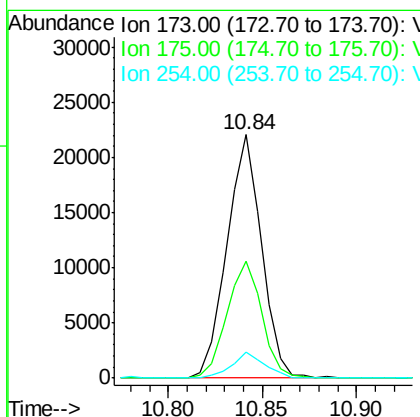
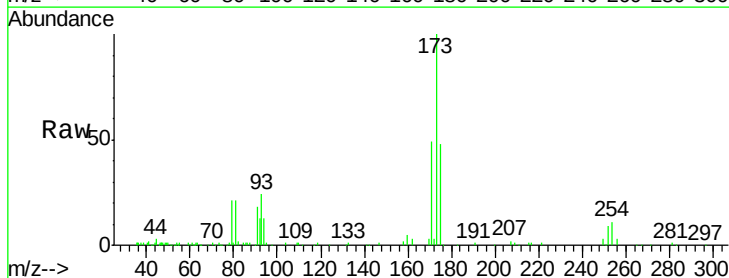
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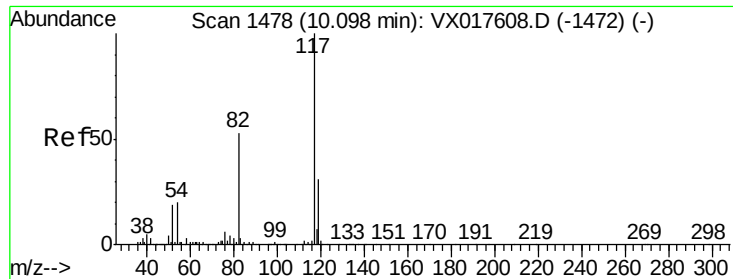
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#56
 Bromoform
 Concen: 4.027 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Tgt Ion:	173	Resp:	28093
Ion	Ratio	Lower	Upper
173	100		
175	48.3	38.2	57.4
254	10.2	7.4	11.2





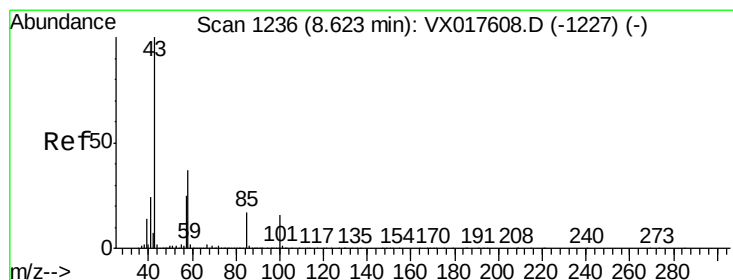
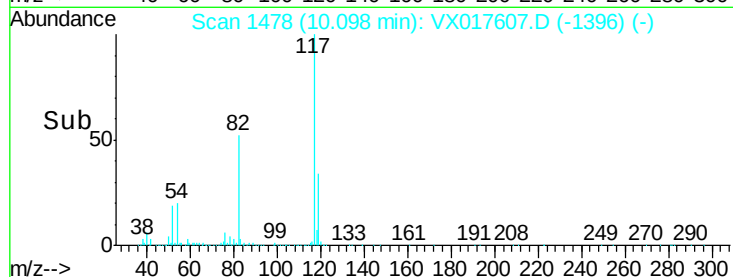
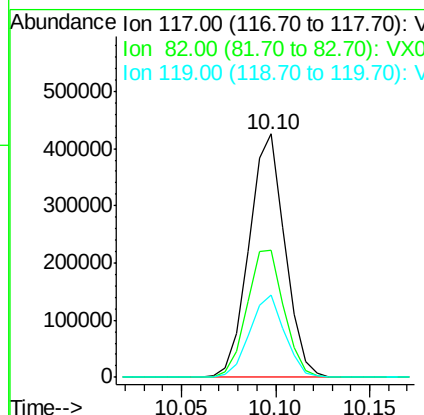
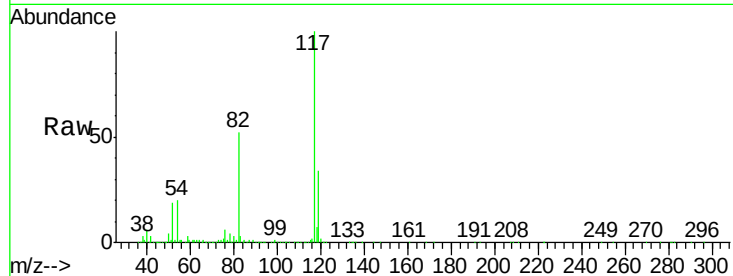
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.6	65.4
119	33.0	25.7	38.5

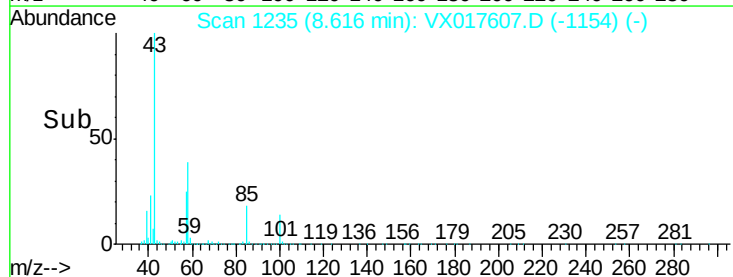
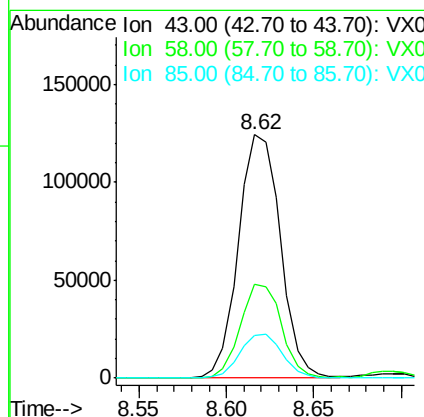
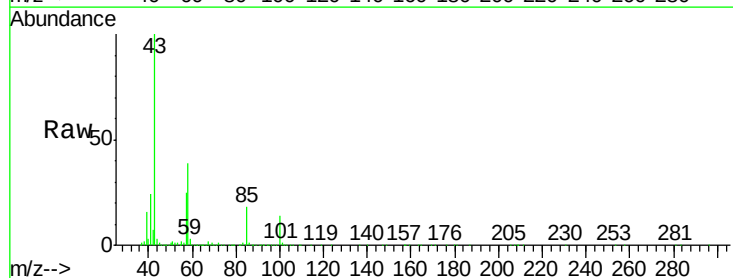
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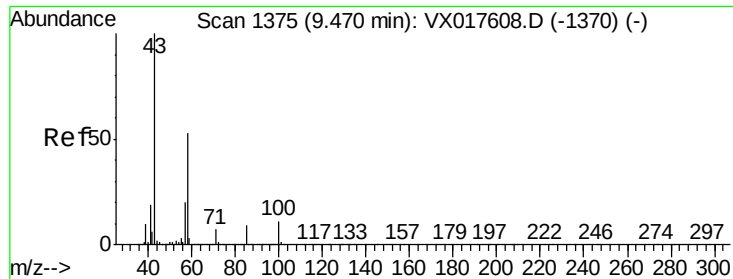
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7/28/2020 10:31:51 AM



#58
4-Methyl-2-Pentanone
Concen: 21.660 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.5	45.7
85	18.4	14.2	21.2





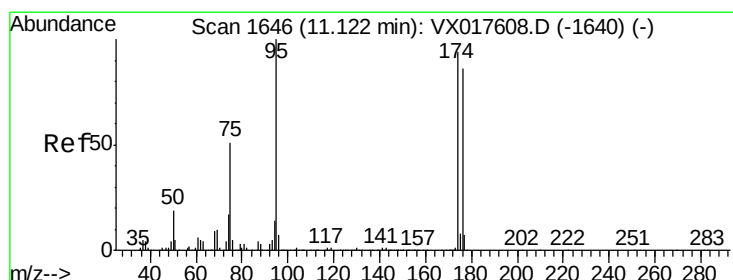
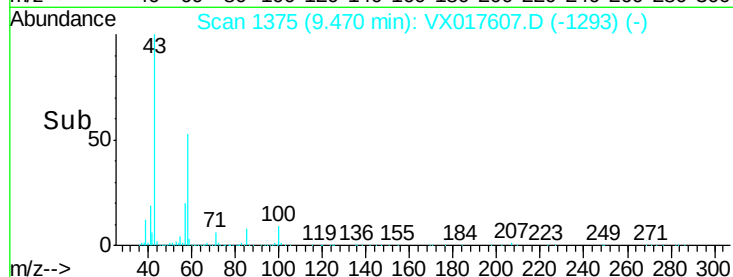
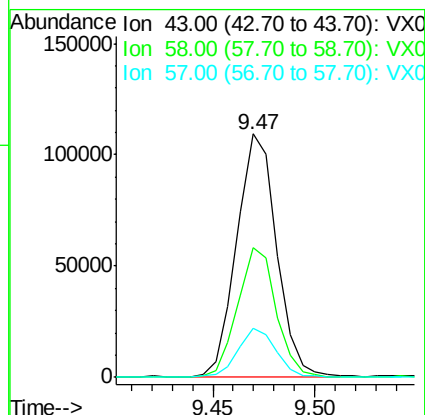
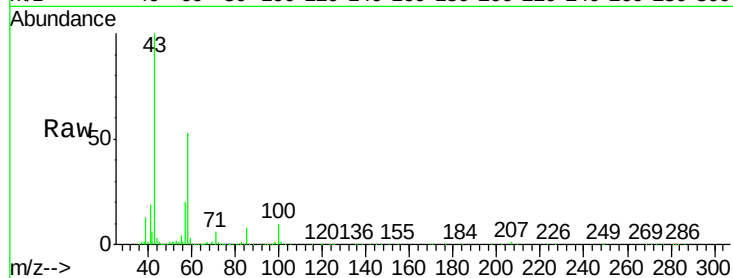
#59
2-Hexanone
Concen: 21.283 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.8	42.9	64.3
57	19.2	16.1	24.1

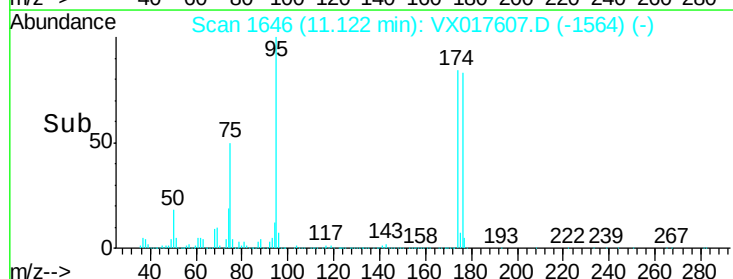
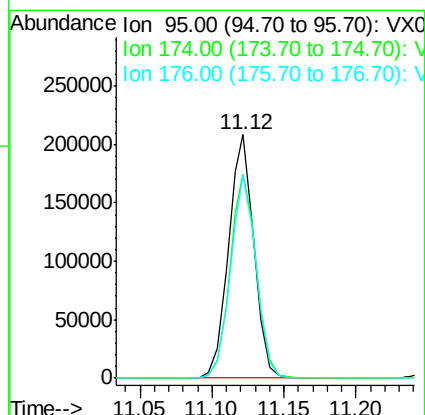
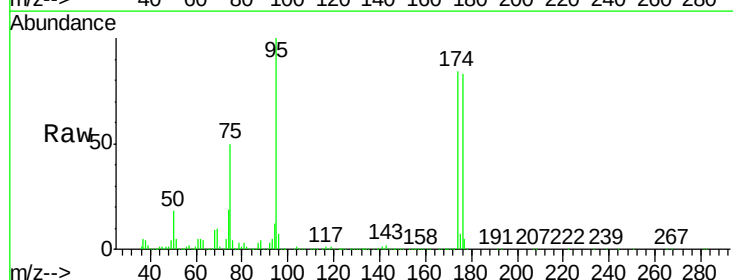
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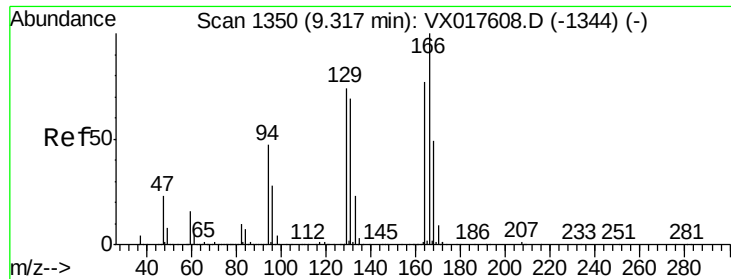
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 26.619 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.1	70.2	105.2
176	83.8	65.6	98.4





#61

Tetrachloroethene

Concen: 5.405 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:164 Resp: 40236

Ion Ratio Lower Upper

164 100

166 116.9 104.4 156.6

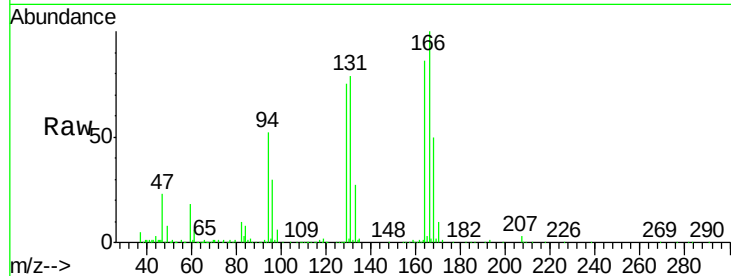
129 87.3 77.0 115.4

131 92.2 72.3 108.5

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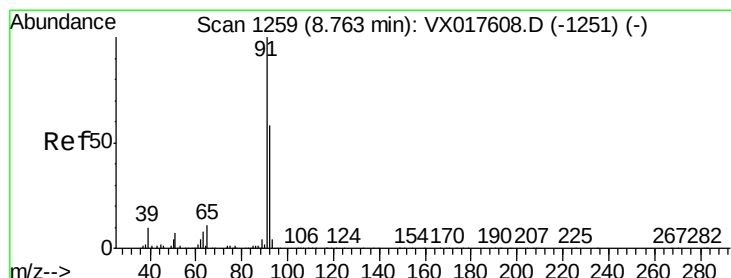
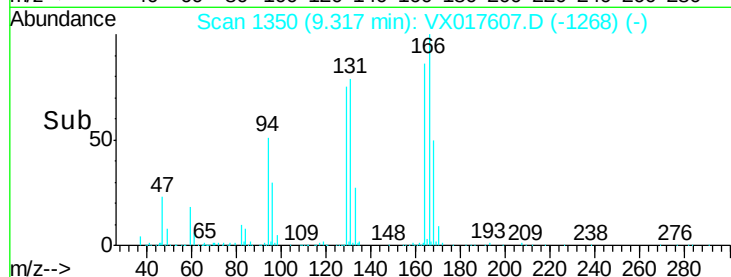
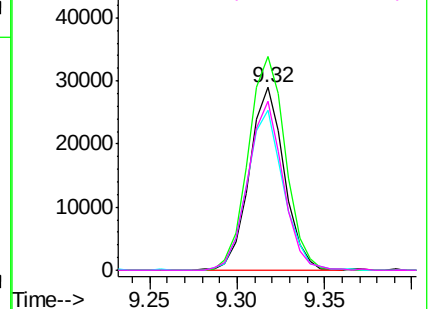


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 4.343 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017607.D

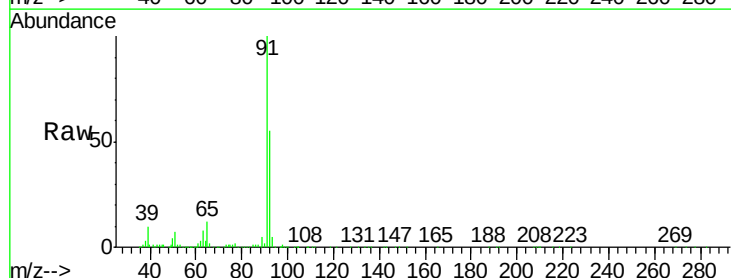
Acq: 27 Jul 2020 09:23

Tgt Ion: 91 Resp: 121567

Ion Ratio Lower Upper

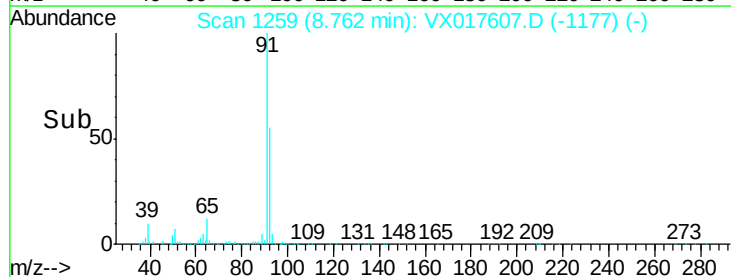
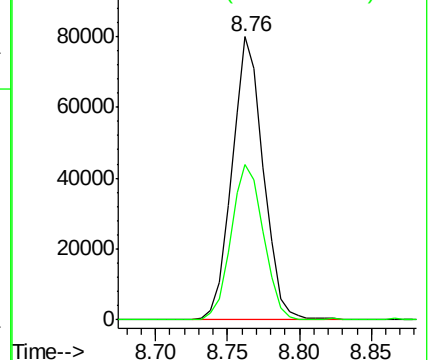
91 100

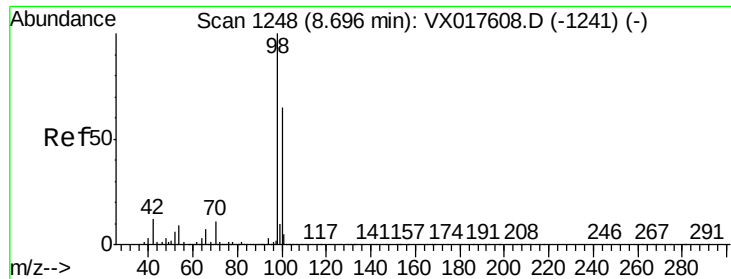
92 56.8 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 28.467 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 98 Resp: 697709

Ion Ratio Lower Upper

98 100

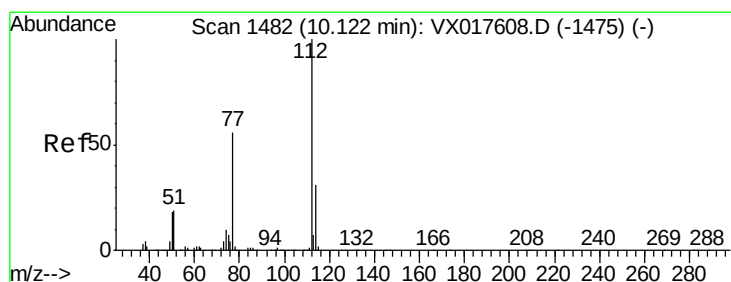
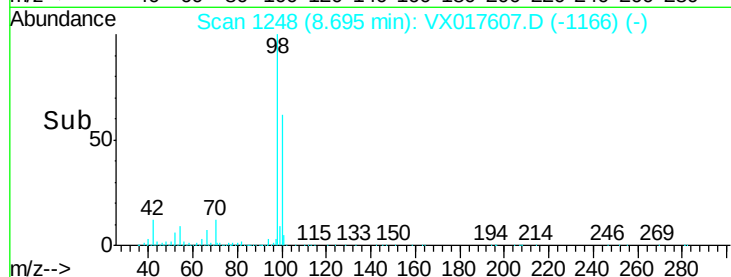
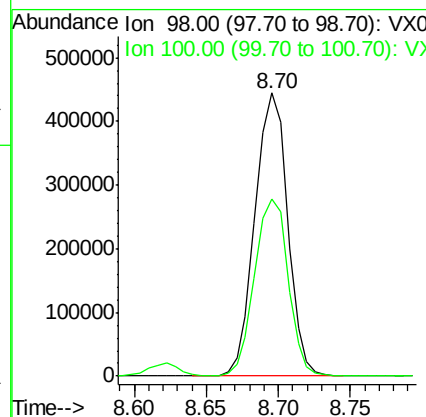
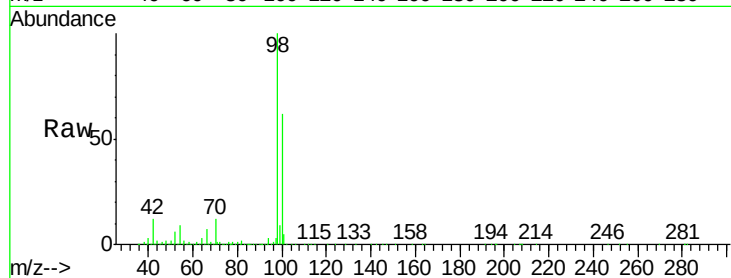
100 64.4 51.9 77.9

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#64

Chlorobenzene

Concen: 4.669 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017607.D

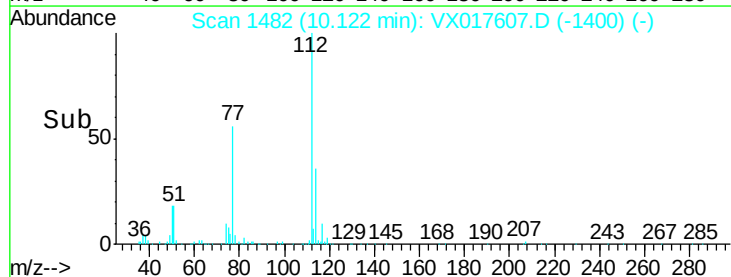
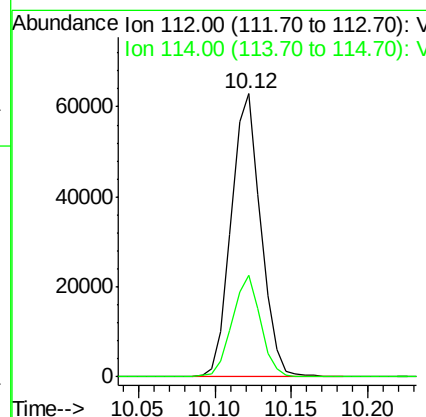
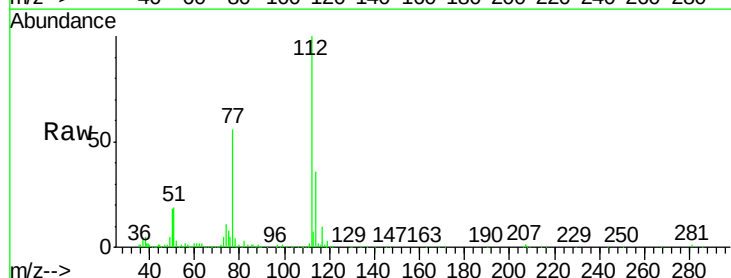
Acq: 27 Jul 2020 09:23

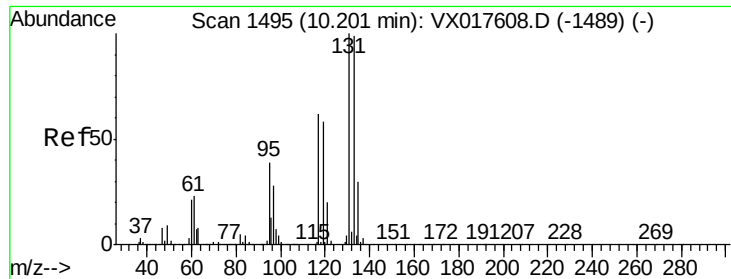
Tgt Ion: 112 Resp: 84646

Ion Ratio Lower Upper

112 100

114 35.7 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 4.592 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

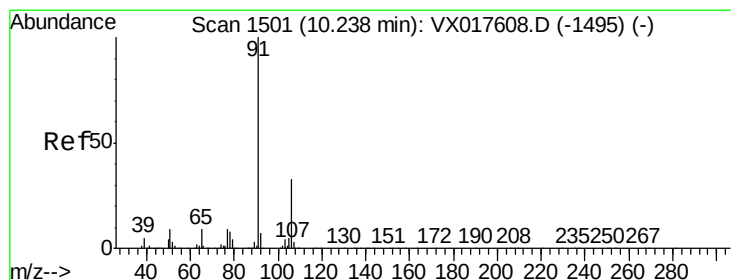
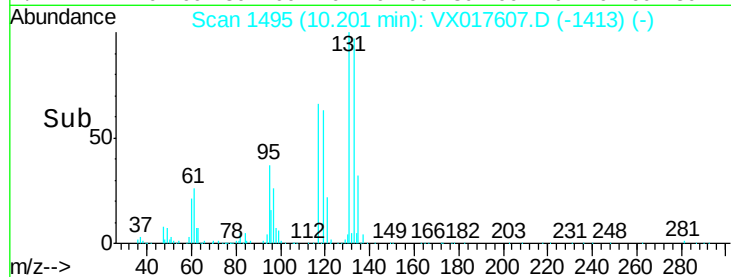
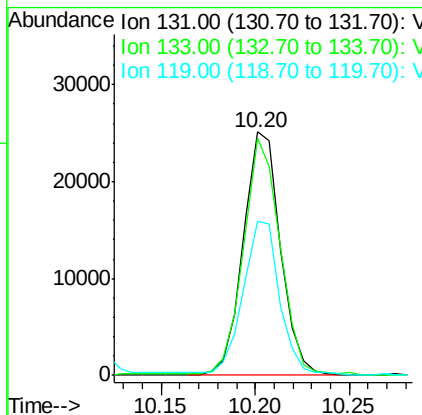
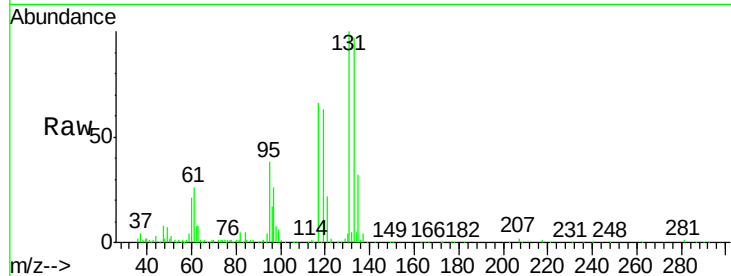
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
131	100	34483		
133	94.2	0.0	189.8	
119	62.6	0.0	119.6	

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#66

Ethyl Benzene

Concen: 4.522 ug/l

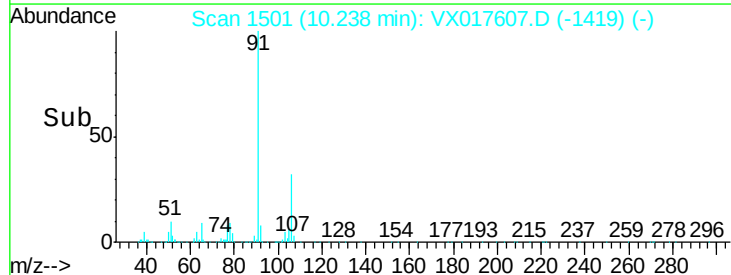
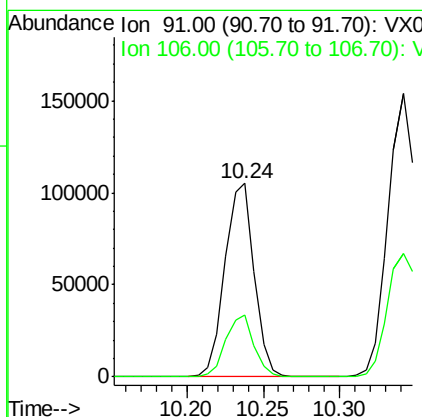
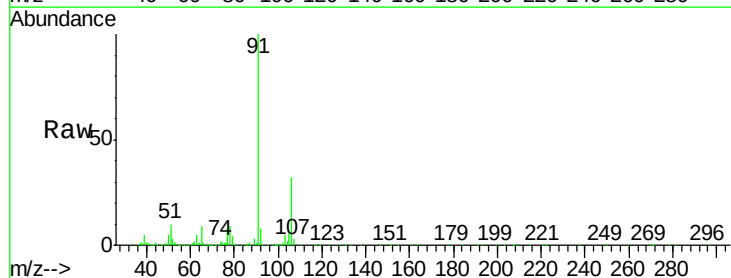
RT: 10.24 min Scan# 1501

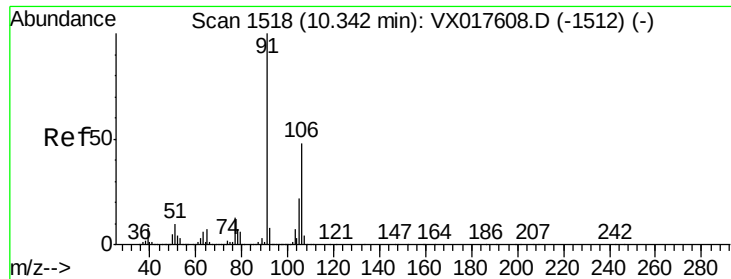
Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	139155		
106	31.8	26.2	39.2	





#67

m/p-Xylenes

Concen: 8.246 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:106 Resp: 97366

Ion Ratio Lower Upper

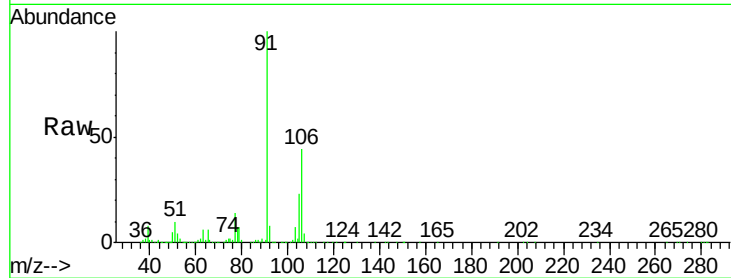
106 100

91 212.1 166.6 249.8

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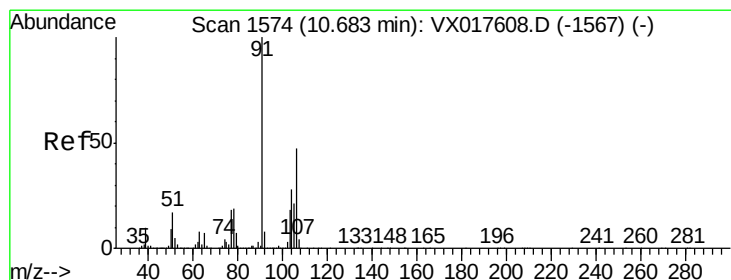
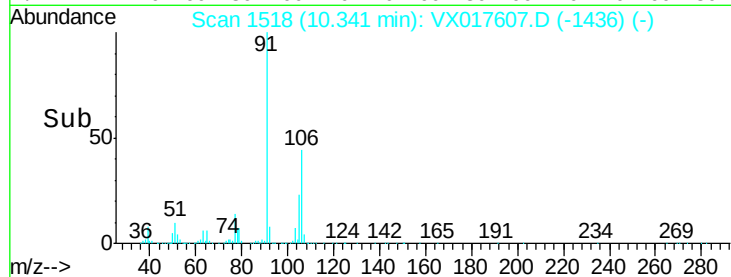
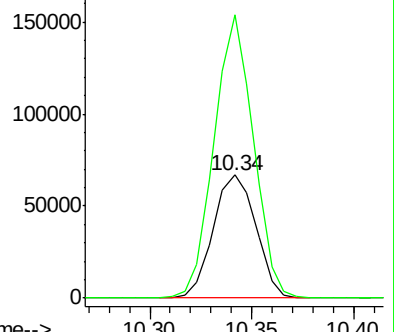
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 4.289 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017607.D

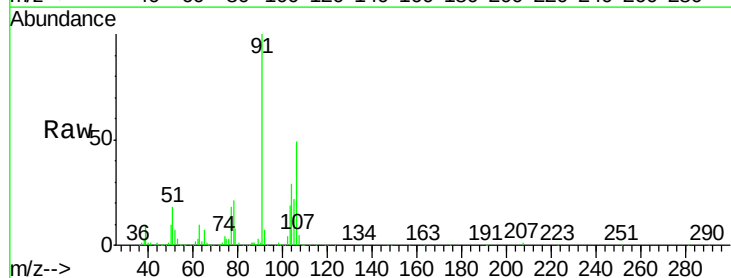
Acq: 27 Jul 2020 09:23

Tgt Ion:106 Resp: 48728

Ion Ratio Lower Upper

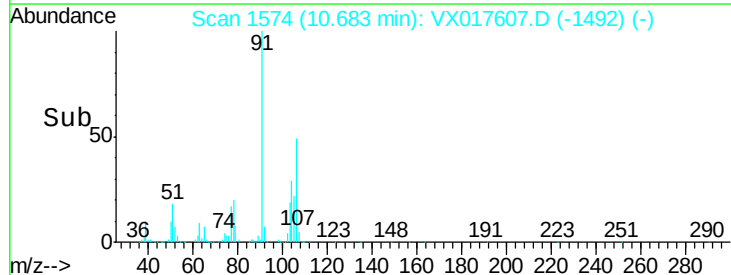
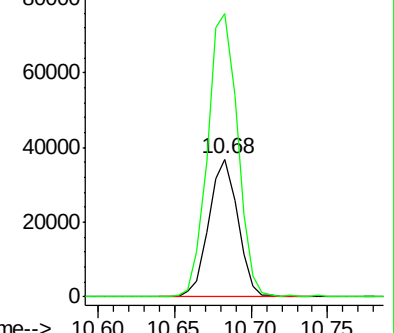
106 100

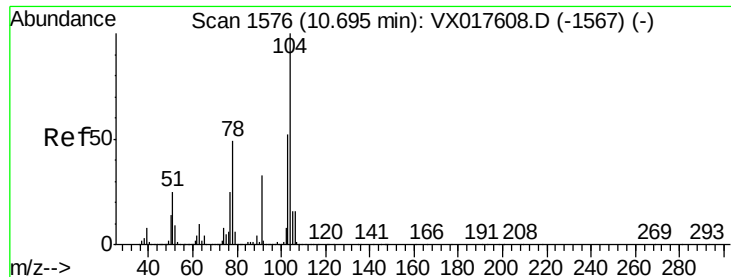
91 212.0 105.8 317.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





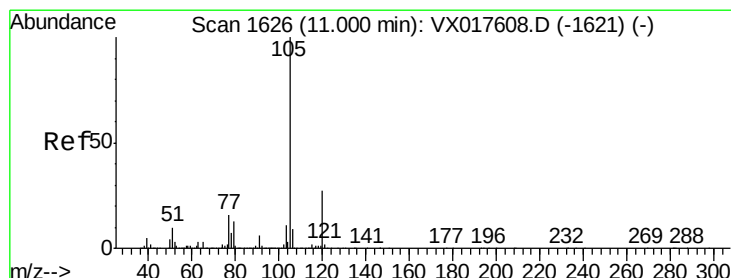
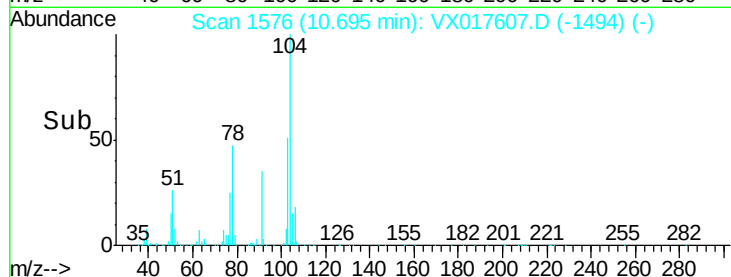
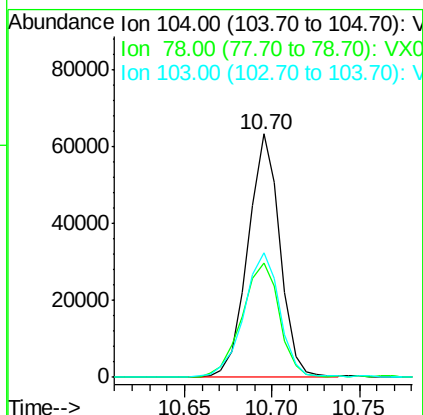
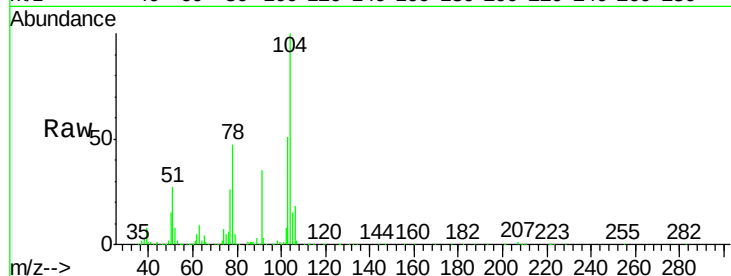
#69
Stvrene
Concen: 4.023 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.3	41.7	62.5
103	57.6	43.4	65.2

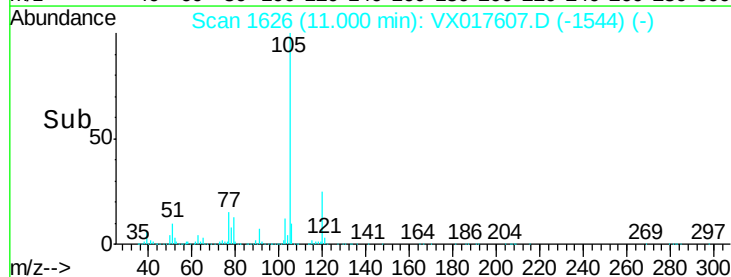
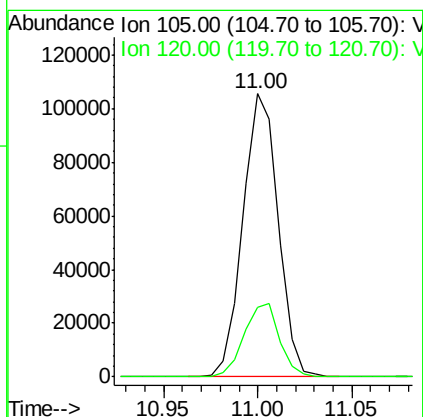
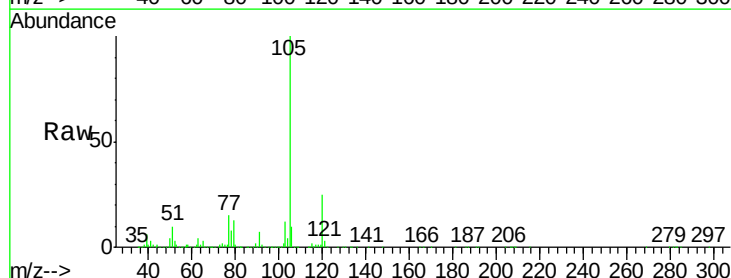
Manual Integrations
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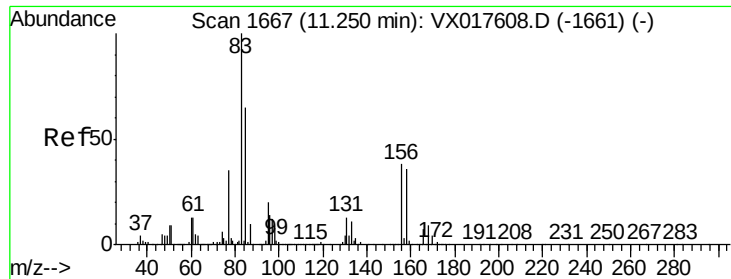
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#70
Isopropylbenzene
Concen: 4.287 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	18.7	34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 4.018 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

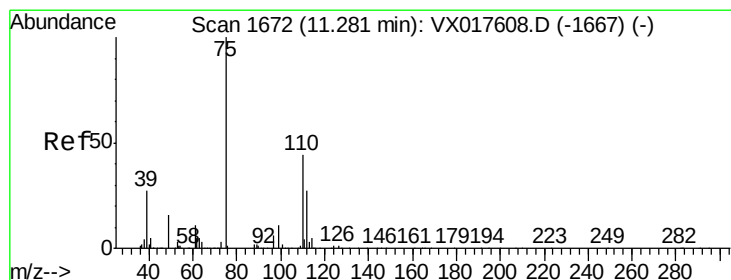
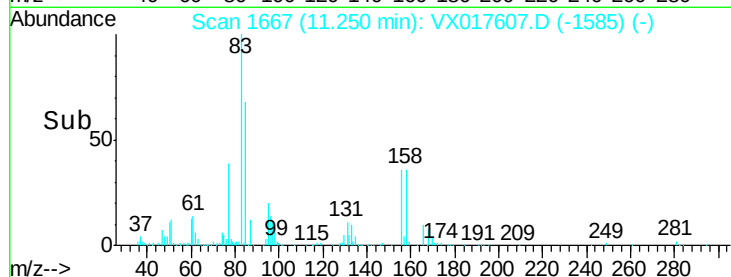
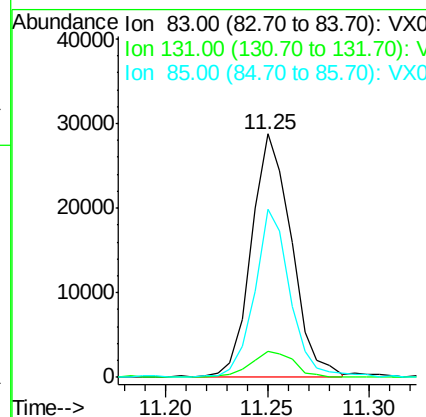
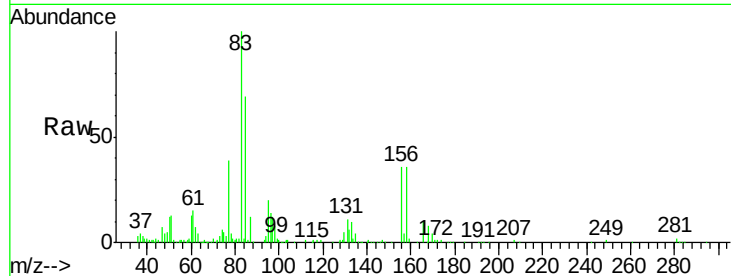
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	38987
Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.9	17.8
85	62.7	32.7	98.1

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#72

1,2,3-Trichloropropane

Concen: 4.317 ug/l m

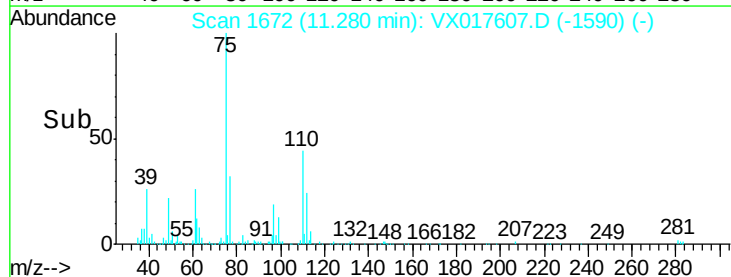
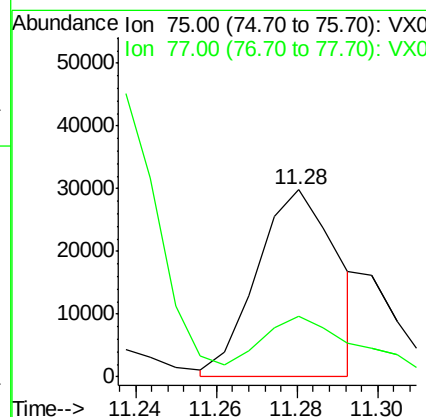
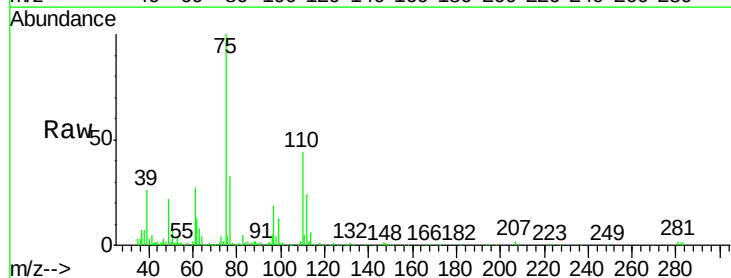
RT: 11.28 min Scan# 1672

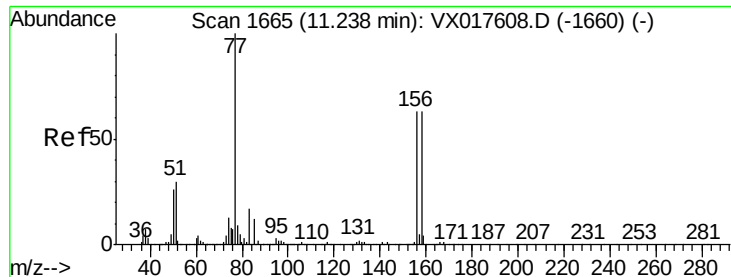
Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Tgt Ion:	75	Resp:	41304
Ion	Ratio	Lower	Upper
75	100		
77	35.6	0.0	73.2





#73

Bromobenzene

Concen: 4.333 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

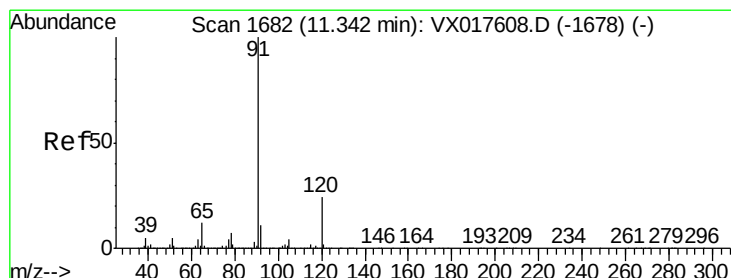
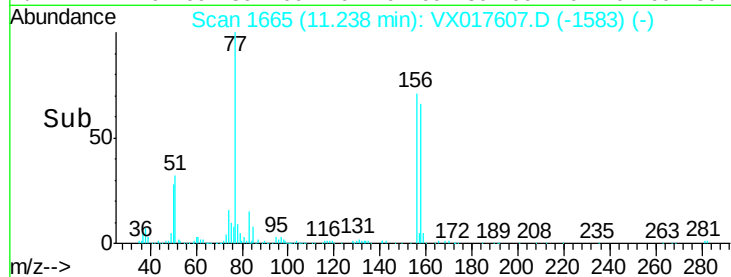
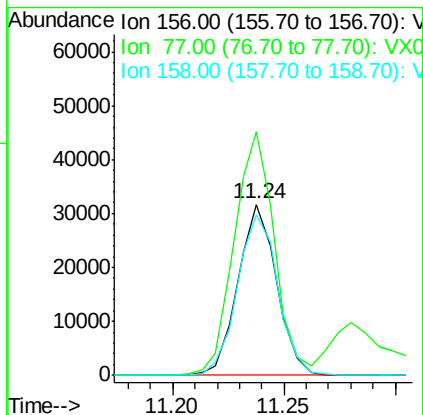
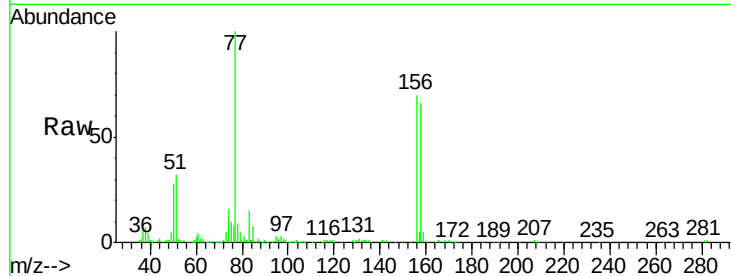
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	38413
Ion Ratio	Lower	Upper	
156	100		
77	147.7	0.0	302.0
158	98.1	0.0	199.6

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#74

n-propylbenzene

Concen: 4.222 ug/l

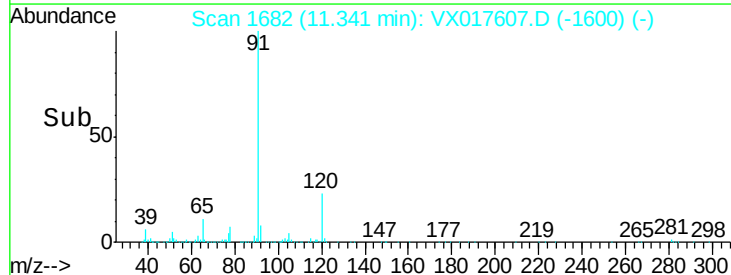
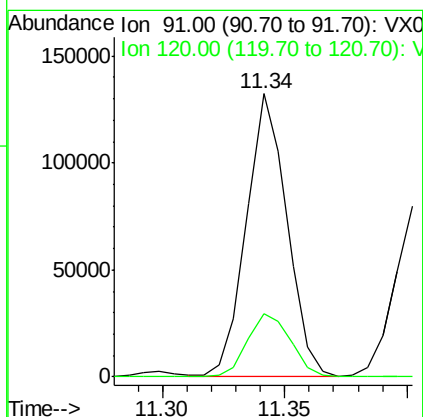
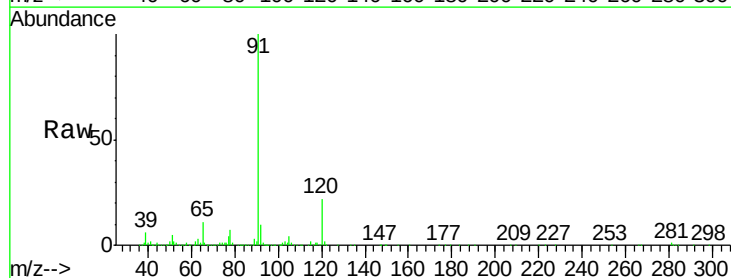
RT: 11.34 min Scan# 1682

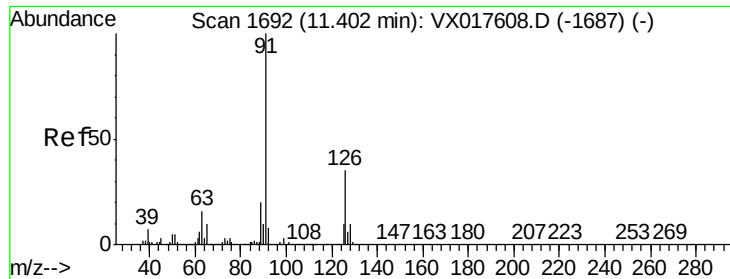
Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Tgt Ion:	91	Resp:	153706
Ion Ratio	Lower	Upper	
91	100		
120	24.0	0.0	48.0





#75

2-Chlorotoluene

Concen: 4.442 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 97878

Ion Ratio Lower Upper

91 100

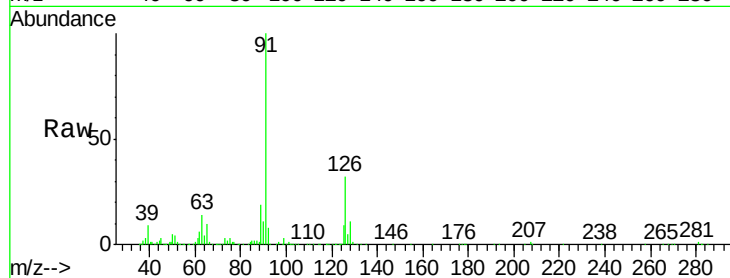
126 34.3 0.0 67.8

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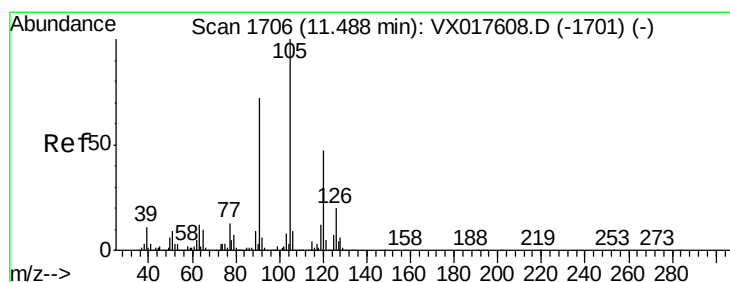
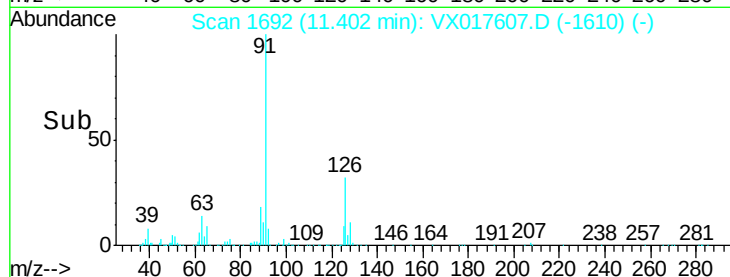
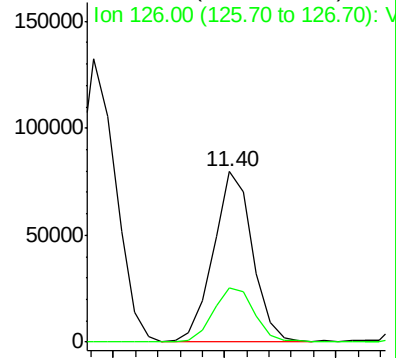
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Abundance Ion 91.00 (90.70 to 91.70): VX017607.D (-1610) (-)



#76

1,3,5-Trimethylbenzene

Concen: 4.408 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017607.D

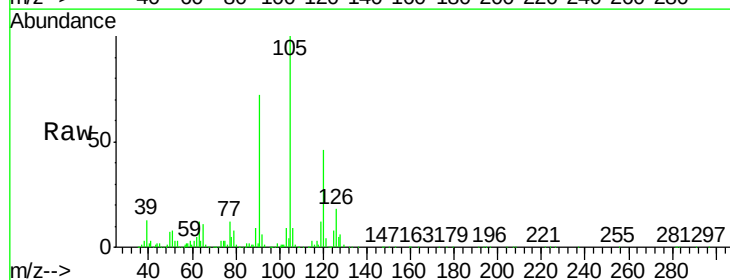
Acq: 27 Jul 2020 09:23

Tgt Ion: 105 Resp: 117958

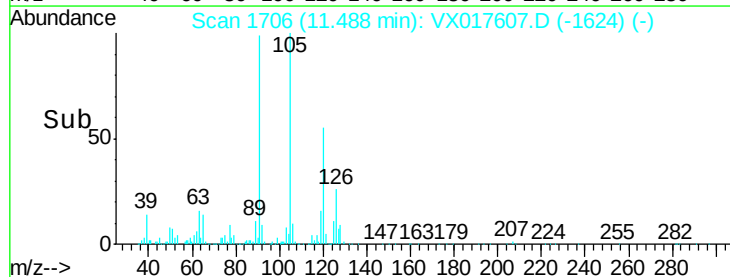
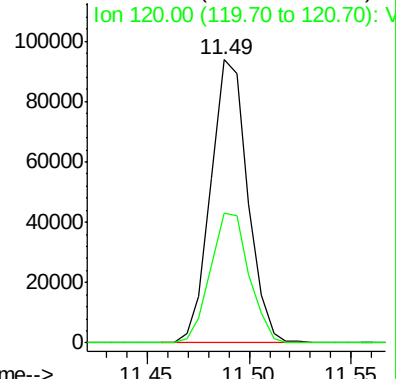
Ion Ratio Lower Upper

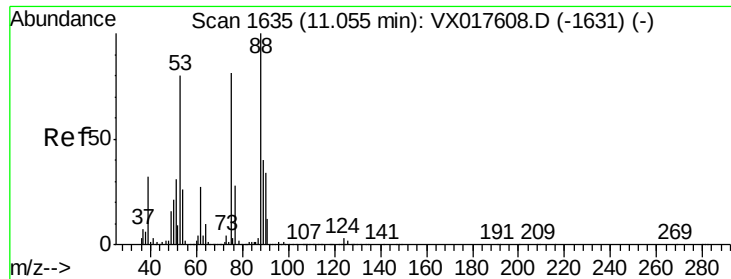
105 100

120 48.1 0.0 95.8



Abundance Ion 105.00 (104.70 to 105.70): VX017607.D (-1624) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 3.972 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

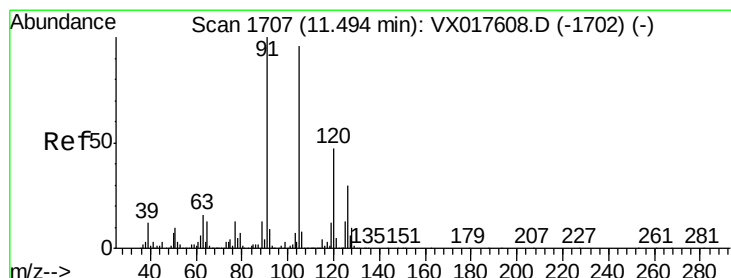
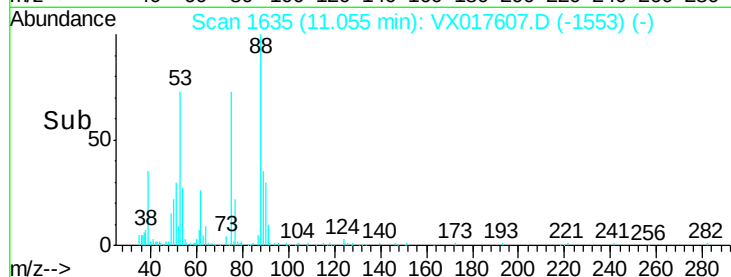
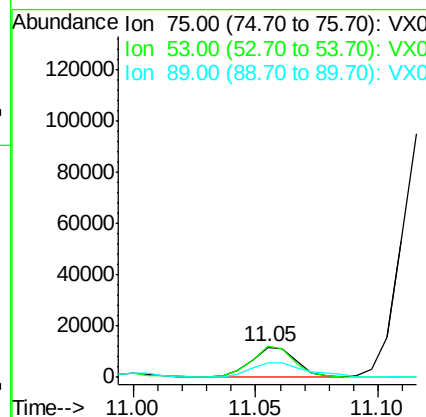
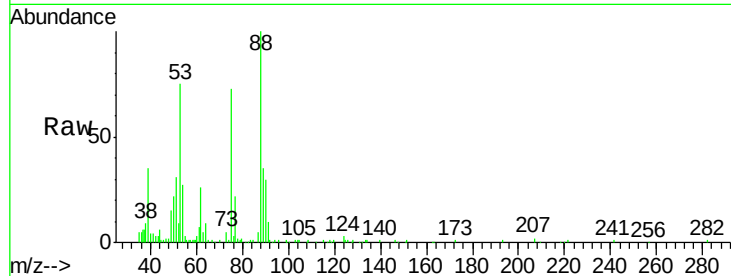
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	14962
Ion	Ratio	Lower	Upper
75	100		
53	102.7	49.0	147.0
89	46.8	24.4	73.2

Manual Integrations
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#78

4-Chlorotoluene

Concen: 4.485 ug/l

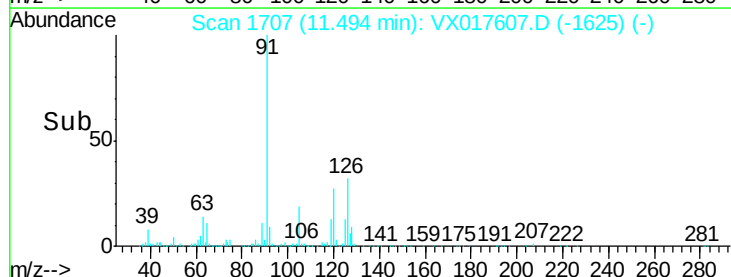
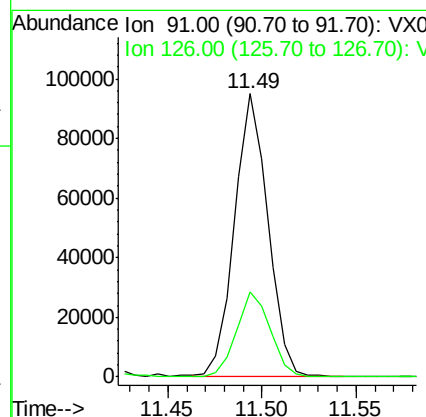
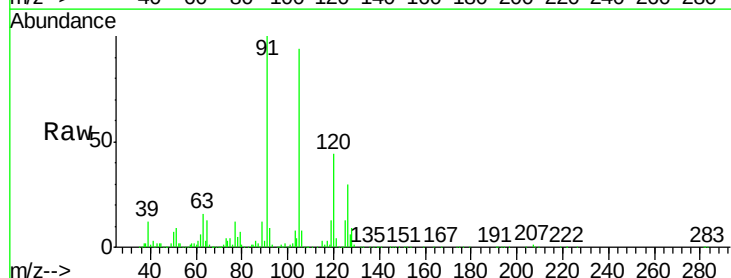
RT: 11.49 min Scan# 1707

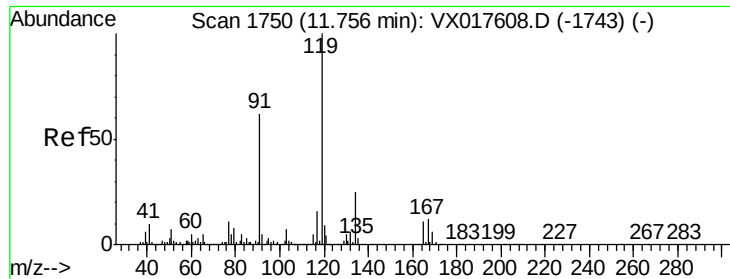
Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Tgt Ion:	91	Resp:	116872
Ion	Ratio	Lower	Upper
91	100		
126	30.2	0.0	60.8





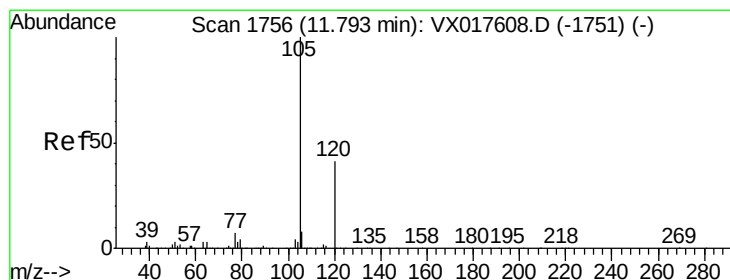
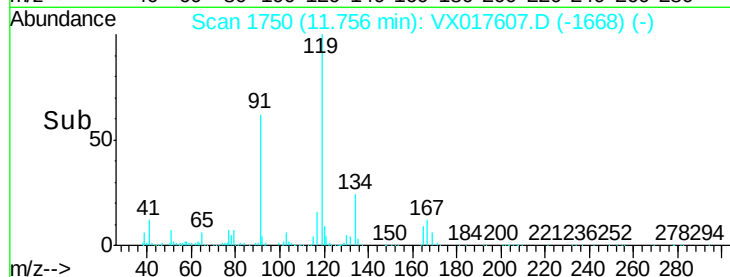
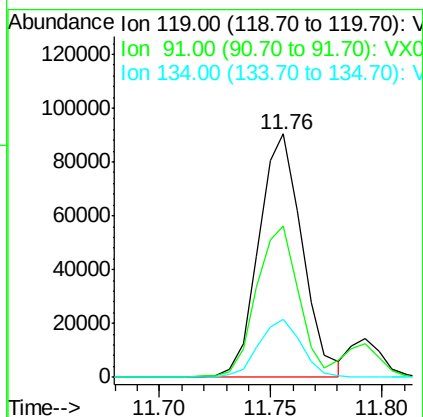
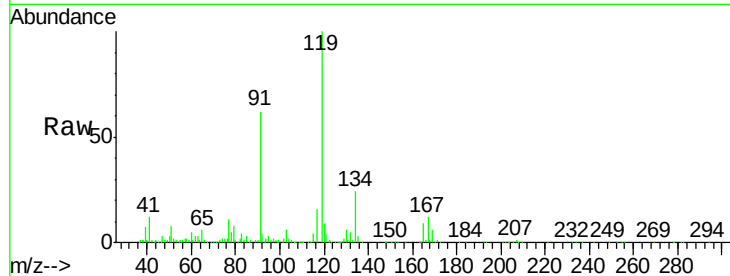
#79
tert-butylbenzene
Concen: 4.720 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	122728		
91	60.2	0.0	121.0	
134	23.3	0.0	45.0	

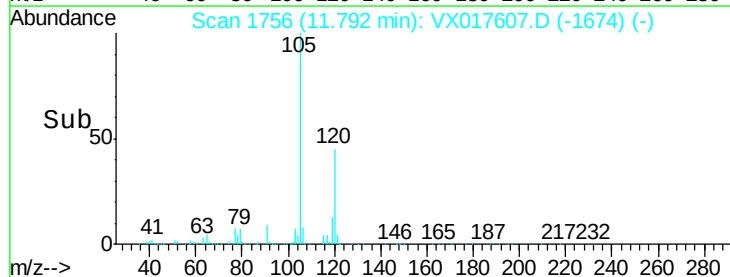
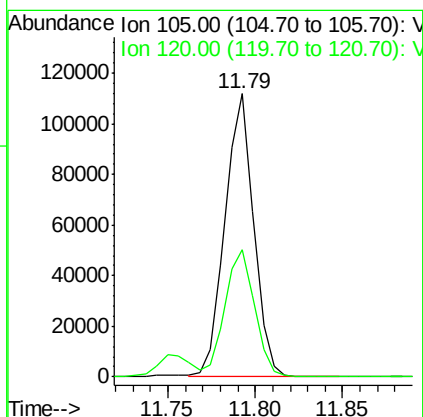
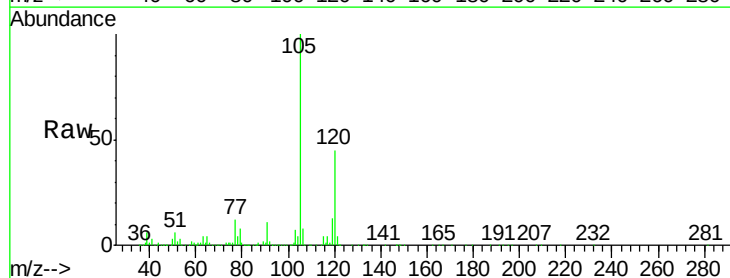
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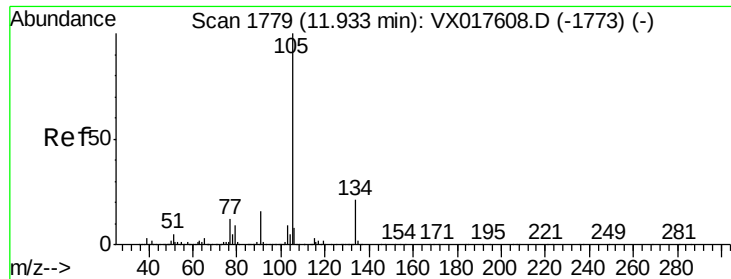
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#80
1,2,4-Trimethylbenzene
Concen: 4.775 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	128550		
120	46.3	0.0	90.0	





#81

sec-Butylbenzene

Concen: 4.566 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 137157

Ion Ratio Lower Upper

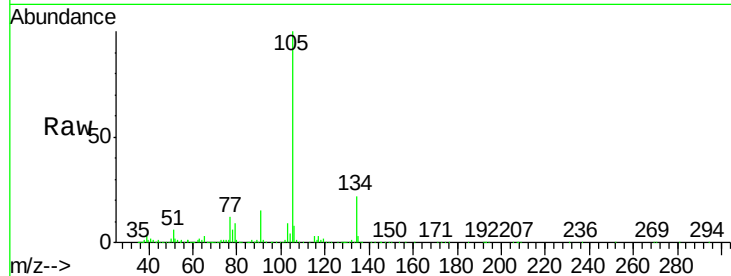
105 100

134 21.2 0.0 41.8

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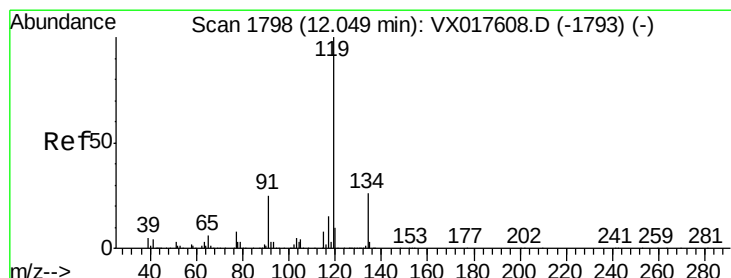
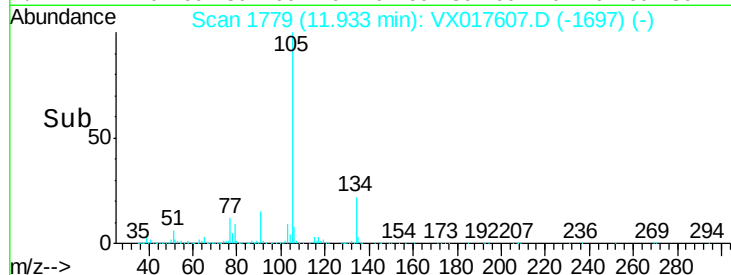
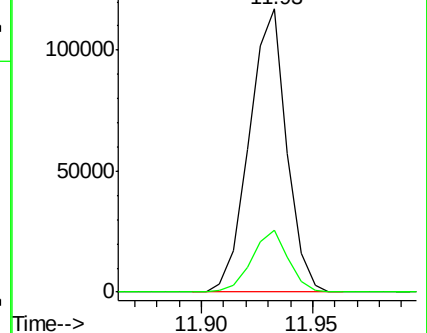
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 4.333 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

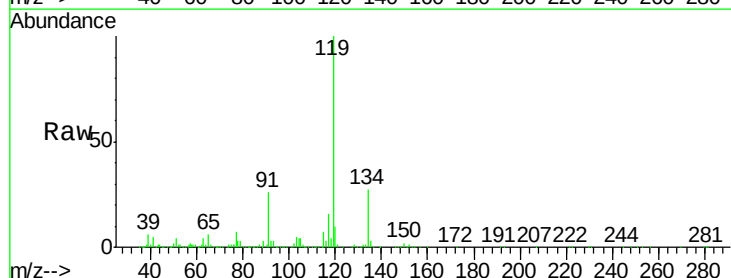
Tgt Ion:119 Resp: 123866

Ion Ratio Lower Upper

119 100

134 25.9 0.0 52.6

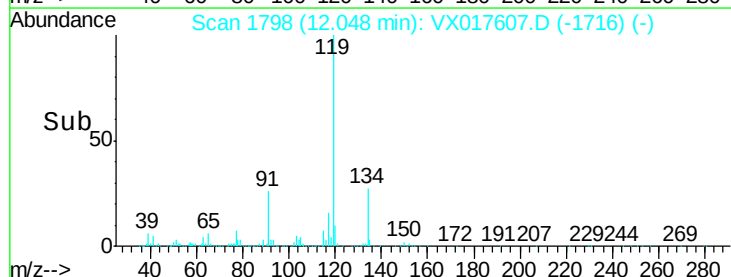
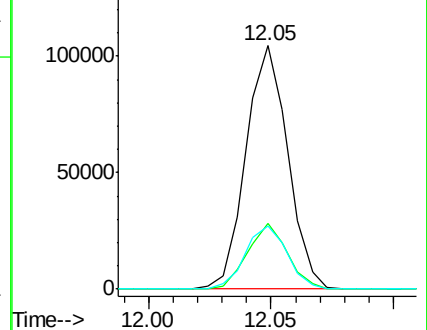
91 26.0 0.0 48.2

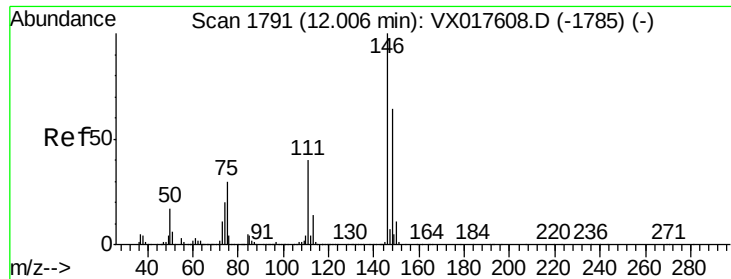


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





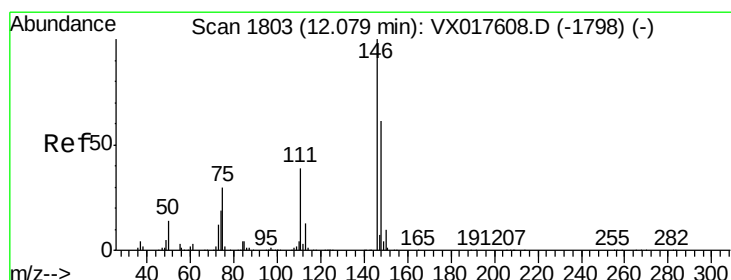
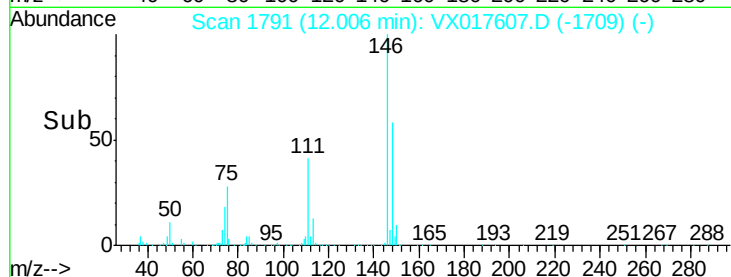
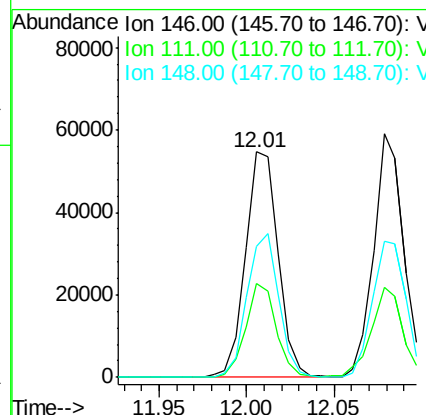
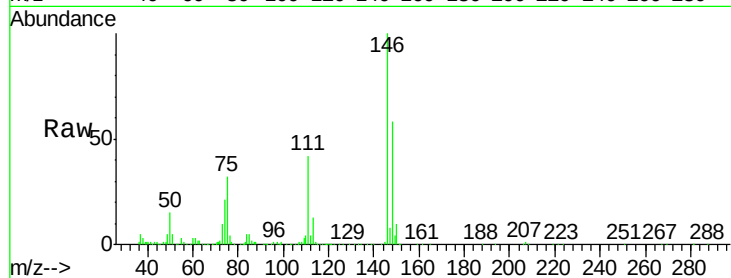
#83
 1,3-Dichlorobenzene
 Concen: 4.530 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.9	59.7
148	61.8	32.6	98.0

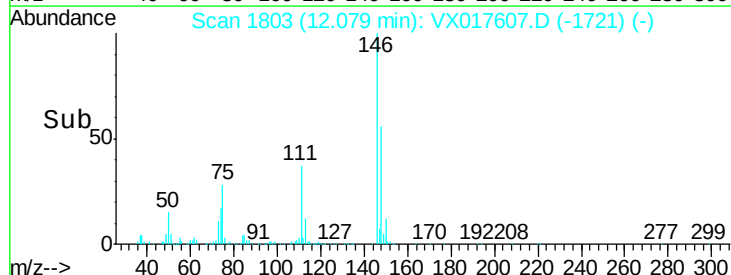
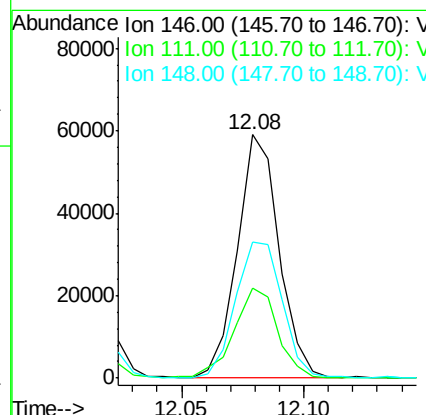
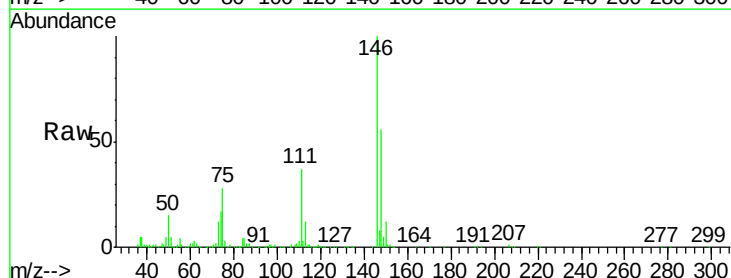
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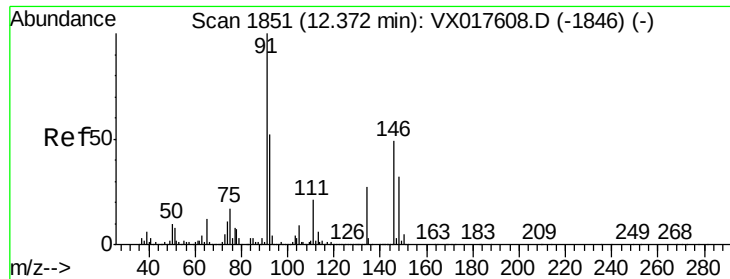
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#84
 1,4-Dichlorobenzene
 Concen: 4.405 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.7	56.1
148	63.0	31.6	94.8





#85

n-Butylbenzene

Concen: 5.251 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Instrument :

MSVOA_X

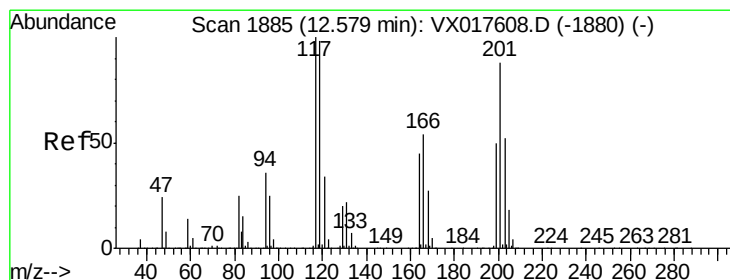
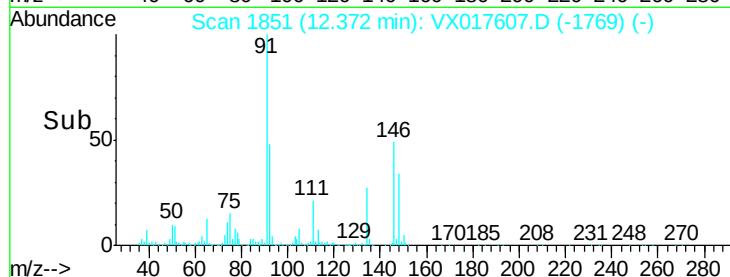
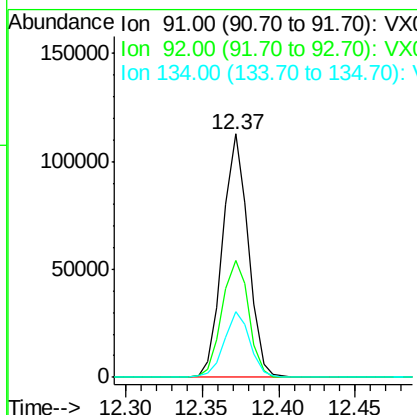
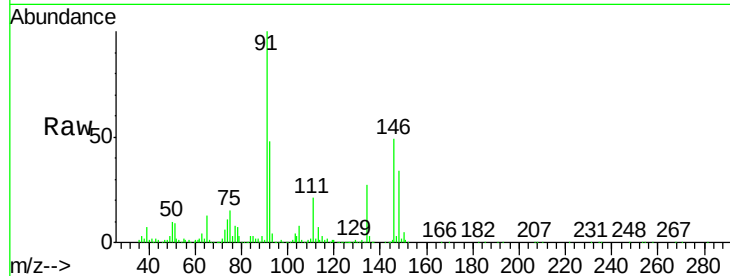
ClientSampleId :

VSTDIC005

Tot Ion:	91	Resp:	130615
Ion Ratio	Lower	Upper	
91	100		
92	50.1	0.0	104.0
134	27.4	0.0	55.0

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#86

Hexachloroethane

Concen: 5.108 ug/l

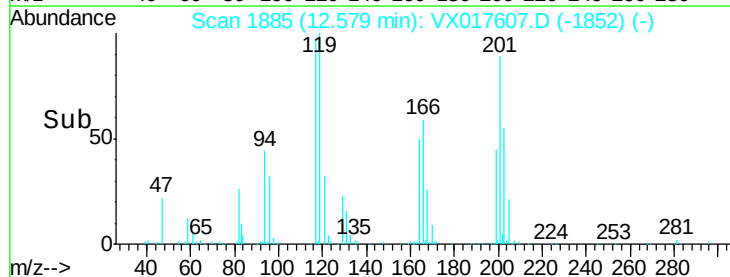
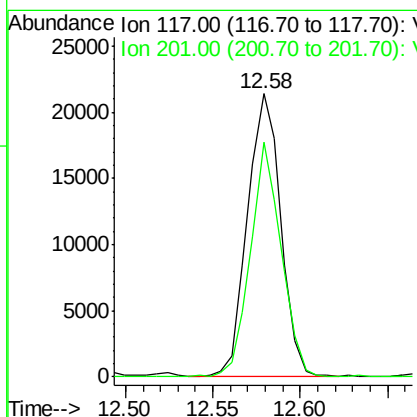
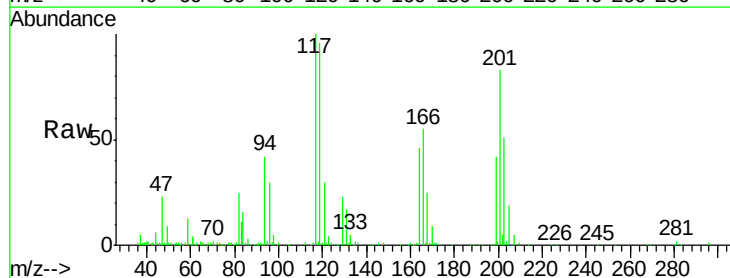
RT: 12.58 min Scan# 1885

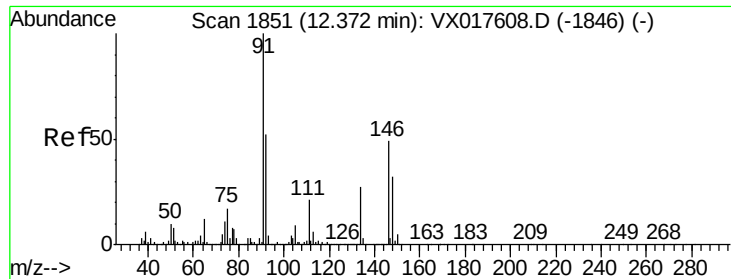
Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Tgt Ion:	117	Resp:	28590
Ion Ratio	Lower	Upper	
117	100		
201	76.7	43.1	129.3





#87

1,2-Dichlorobenzene

Concen: 4.932 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX017607.D

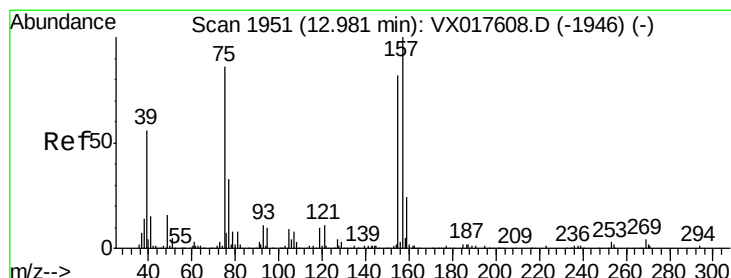
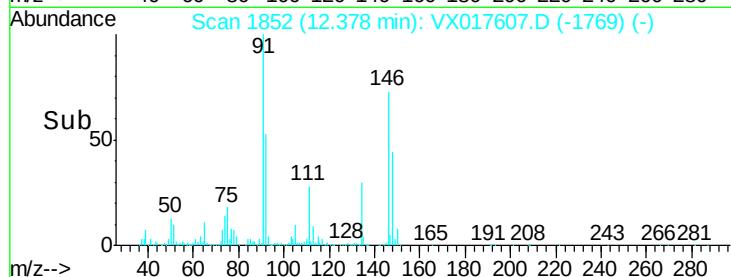
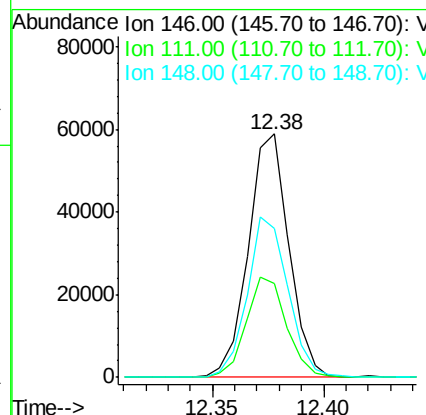
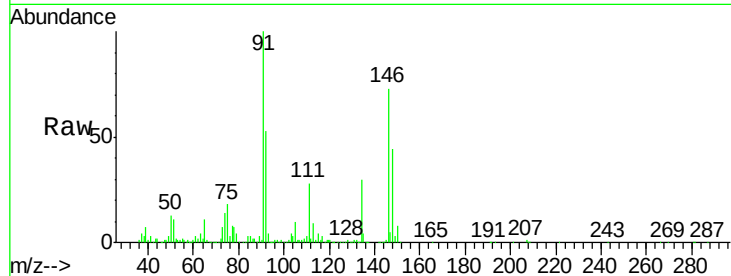
Acq: 27 Jul 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.7	62.1
148	66.0	32.3	96.9

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#88

1,2-Dibromo-3-Chloropropane

Concen: 4.672 ug/l

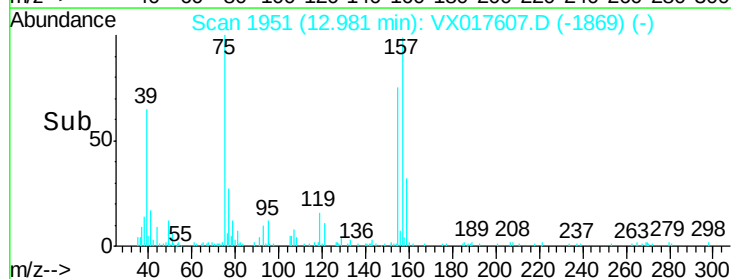
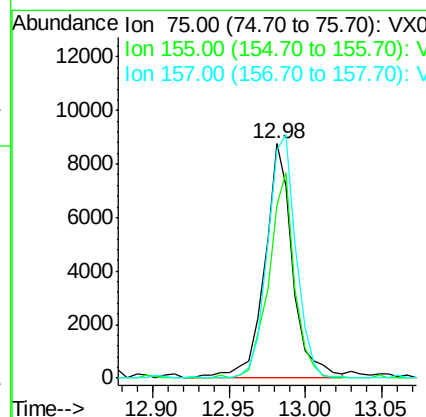
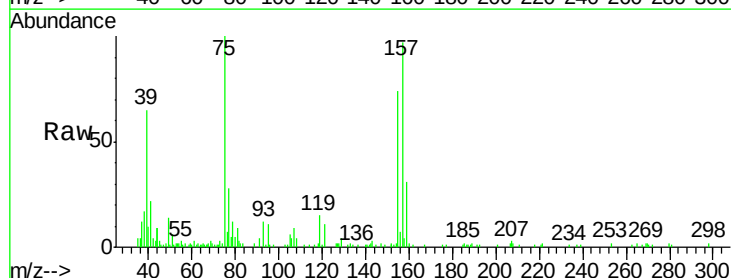
RT: 12.98 min Scan# 1951

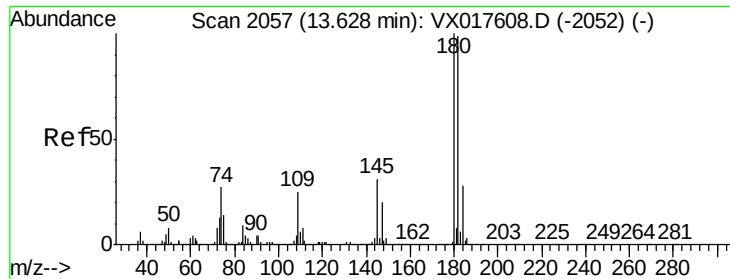
Delta R.T. -0.00 min

Lab File: VX017607.D

Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.8	69.5	104.3
157	105.5	88.2	132.4





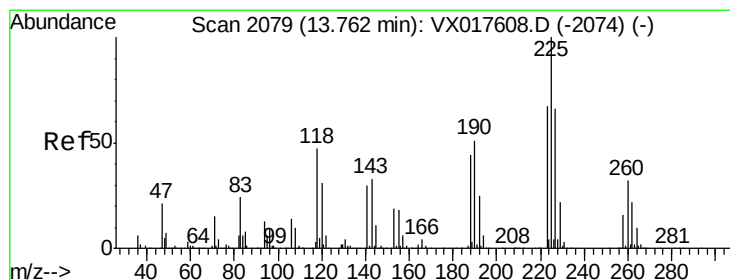
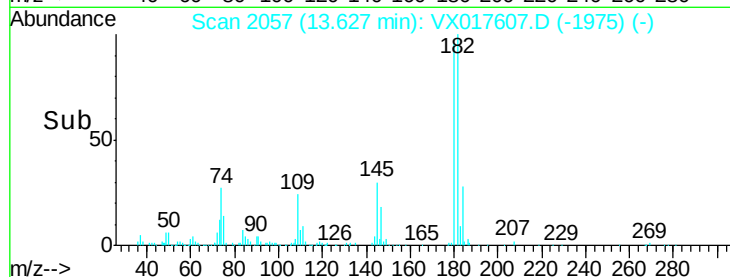
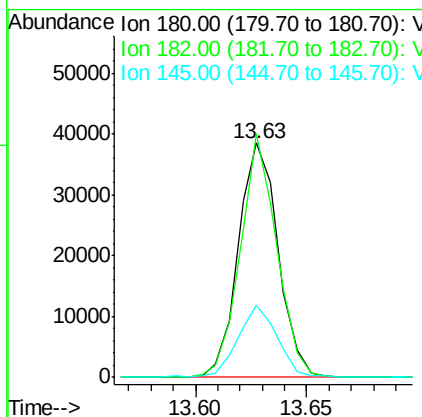
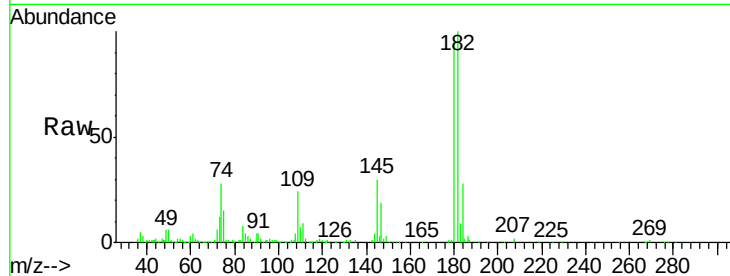
#89
 1,2,4-Trichlorobenzene
 Concen: 4.428 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.4	116.0
145	30.2	24.9	37.3

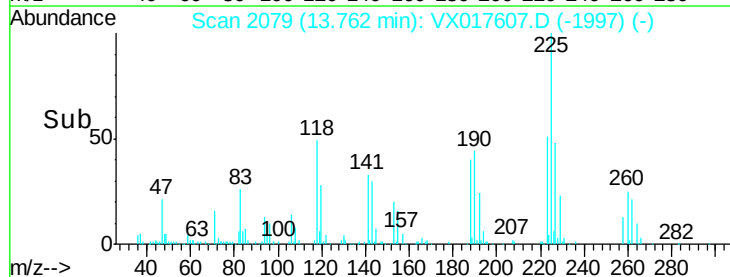
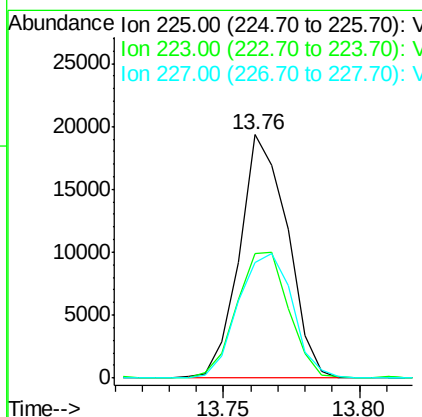
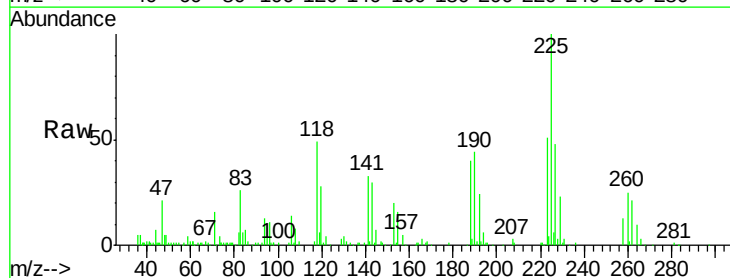
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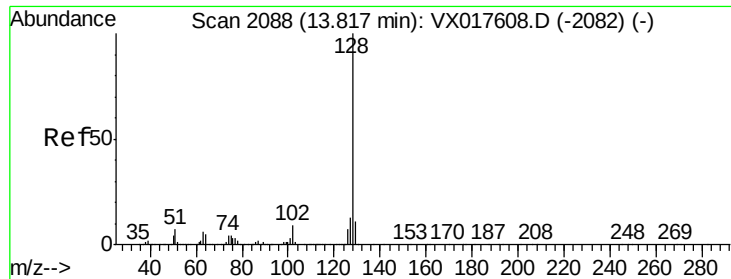
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#90
 Hexachlorobutadiene
 Concen: 5.346 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX017607.D
 Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	56.4	0.0	130.8
227	58.1	0.0	127.2





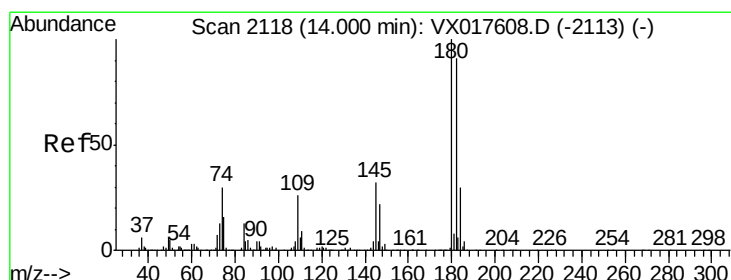
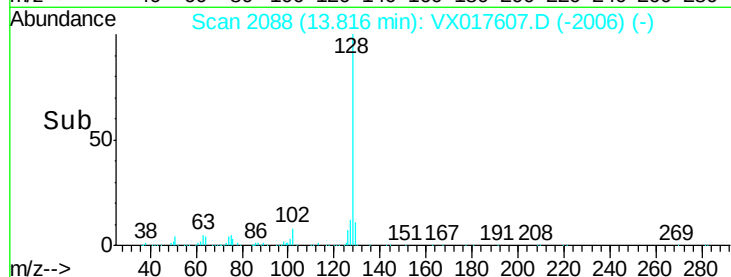
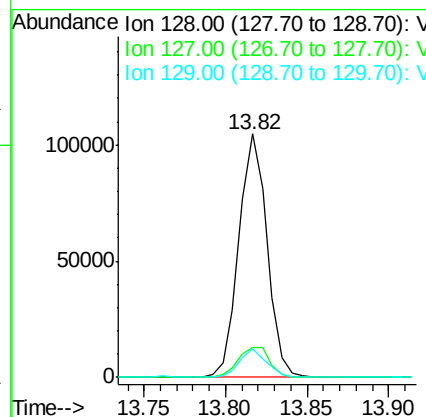
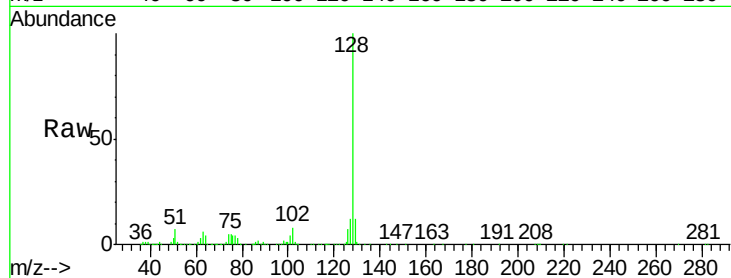
#91
Naphthalene
Concen: 3.827 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.2
129	11.4	8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 4.239 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017607.D
Acq: 27 Jul 2020 09:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.5	0.0	190.2
145	35.5	0.0	63.8

