

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072720\
 Data File : VX017609.D
 Acq On : 27 Jul 2020 10:08
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 10:31:41 AM

Quant Time: Jul 27 11:41:26 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	101426	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	534770	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	540190	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	229278	31.30	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.33%
60) 4-Bromofluorobenzene	11.12	95	274219	29.36	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.87%
63) Toluene-d8	8.70	98	696774	29.49	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	440210	84.299 ug/l	97
3) Chloromethane	1.32	50	395568	73.277 ug/l	100
4) Vinyl Chloride	1.39	62	392232	70.564 ug/l	98
5) Bromomethane	1.62	94	241397	66.762 ug/l	98
6) Chloroethane	1.71	64	217350	62.155 ug/l	99
7) Trichlorofluoromethane	1.92	101	595165	63.574 ug/l	99
8) Diethyl Ether	2.17	74	165763	52.807 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	258661	53.118 ug/l	99
10) 1,1-Dichloroethene	2.36	96	232984	48.890 ug/l	98
11) Methyl Iodide	2.49	142	331478	57.760 ug/l	95
12) Methyl Acetate	2.75	43	370119	54.771 ug/l	99
13) Acrolein	2.27	56	264837	301.515 ug/l	98
14) Acrylonitrile	3.12	53	801993	267.893 ug/l	99
15) Acetone	2.42	58	216182	279.372 ug/l	98
16) Carbon Disulfide	2.55	76	660696	51.606 ug/l	100
17) Allyl chloride	2.71	41	456903	51.212 ug/l	98
18) Methylene Chloride	2.84	84	281782	48.287 ug/l	99
19) trans-1,2-Dichloroethene	3.14	96	261689	48.088 ug/l	92
20) Diisopropyl ether	3.82	45	929734	52.411 ug/l #	87
21) 1,1-Dichloroethane	3.67	63	504911	51.323 ug/l	98
22) cis-1,2-Dichloroethene	4.57	96	296696	47.246 ug/l	100
23) tert-Butyl Alcohol	3.01	59	365869	285.809 ug/l #	100
24) Methyl tert-Butyl Ether	3.17	73	996505	54.240 ug/l	99
25) Chloroform	5.18	83	542822	50.977 ug/l	97
26) Cyclohexane	5.55	56	444930	56.529 ug/l #	99
29) 1,1-Dichloropropene	5.77	75	351159	46.246 ug/l	99
30) 2-Butanone	4.64	43	1065181	255.344 ug/l	100
31) 2,2-Dichloropropane	4.56	77	473726	49.219 ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	493831	49.670 ug/l	98
33) Carbon Tetrachloride	5.76	117	449005	48.654 ug/l	96
34) Benzene	6.12	78	1061080	47.896 ug/l	96
35) Methacrylonitrile	5.01	41	240047	51.080 ug/l	97
36) 1,2-Dichloroethane	6.17	62	454950	51.218 ug/l	99
37) Trichloroethene	7.19	130	320685	46.935 ug/l	99
38) Methylcyclohexane	7.44	83	529790	64.992 ug/l	98
39) 1,2-Dichloropropane	7.49	63	315204	53.397 ug/l	98
40) Dibromomethane	7.64	93	220005	51.678 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	489692	54.628	ug/l	96
42) Vinyl Acetate	3.79	43	3510281	227.316	ug/l	100
43) Ethyl Acetate	4.79	43	382533	47.645	ug/l	99
44) Isopropyl Acetate	6.42	43	651865	48.316	ug/l	99
45) 1,4-Dioxane	7.71	88	156572	1182.986	ug/l	97
46) Methyl methacrylate	7.75	41	372835	56.836	ug/l	94
47) n-amyl Acetate	10.88	43	688958	57.796	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	543486	54.566	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	558128	53.497	ug/l	96
50) 1,1,2-Trichloroethane	9.20	97	333972	53.411	ug/l	97
51) Ethyl methacrylate	9.16	69	501558	54.301	ug/l	99
52) 1,3-Dichloropropane	9.35	76	534786	52.872	ug/l	99
53) Dibromochloromethane	9.57	129	418599	55.239	ug/l	98
54) 1,2-Dibromoethane	9.65	107	351534	52.791	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	1256550	289.486	ug/l	99
56) Bromoform	10.84	173	328513	54.958	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	2352398	256.054	ug/l	100
59) 2-Hexanone	9.48	43	1801932	268.388	ug/l	99
61) Tetrachloroethene	9.32	164	363681	50.674	ug/l	97
62) Toluene	8.77	91	1303859	48.320	ug/l	99
64) Chlorobenzene	10.12	112	895065	51.210	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.20	131	373903	51.641	ug/l	98
66) Ethyl Benzene	10.24	91	1546708	52.129	ug/l	97
67) m/p-Xylenes	10.34	106	1170751	102.840	ug/l	99
68) o-Xylene	10.68	106	576296	52.613	ug/l	99
69) Styrene	10.70	104	1007078	52.024	ug/l	100
70) Isopropylbenzene	11.00	105	1591388	51.734	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	460848	49.264	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	461907m	50.070	ug/l	
73) Bromobenzene	11.24	156	424854	49.705	ug/l	100
74) n-propylbenzene	11.34	91	1837233	52.348	ug/l	100
75) 2-Chlorotoluene	11.40	91	1100545	51.801	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	1376523	53.360	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	184009	50.674	ug/l	97
78) 4-Chlorotoluene	11.49	91	1310479	52.161	ug/l	99
79) tert-butylbenzene	11.76	119	1343989	53.611	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	1378011	53.091	ug/l	99
81) sec-Butylbenzene	11.93	105	1597445	55.156	ug/l	99
82) p-Isopropyltoluene	12.05	119	1518287	55.085	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	765798	50.687	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	766999	50.081	ug/l	99
85) n-Butylbenzene	12.37	91	1340228	55.886	ug/l	99
86) Hexachloroethane	12.58	117	284629	52.743	ug/l	93
87) 1,2-Dichlorobenzene	12.38	146	731846	49.842	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	125214	54.127	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	537836	51.547	ug/l	98
90) Hexachlorobutadiene	13.77	225	240730	56.535	ug/l	97
91) Naphthalene	13.82	128	1597280	50.261	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	502641	48.993	ug/l	99

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ClientSampleId :
VSTDICC050

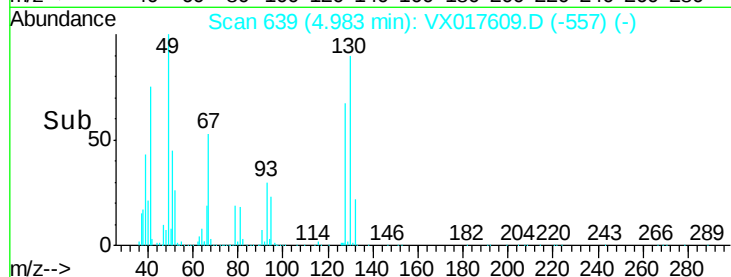
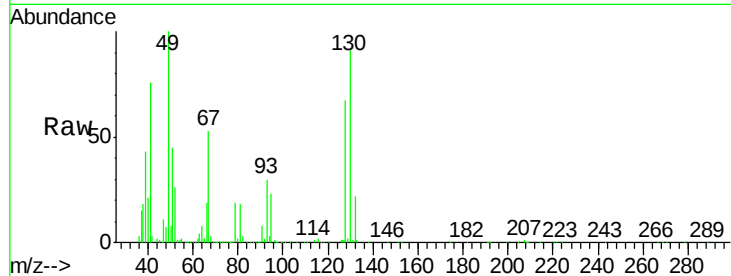
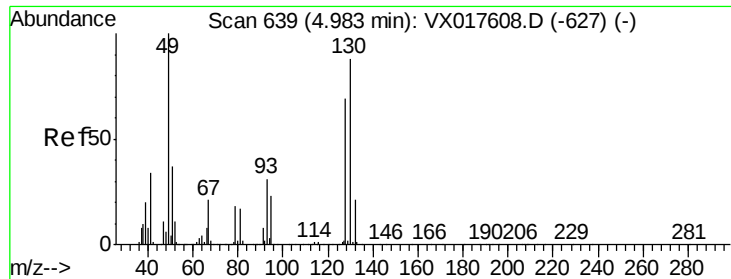
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX017609.D

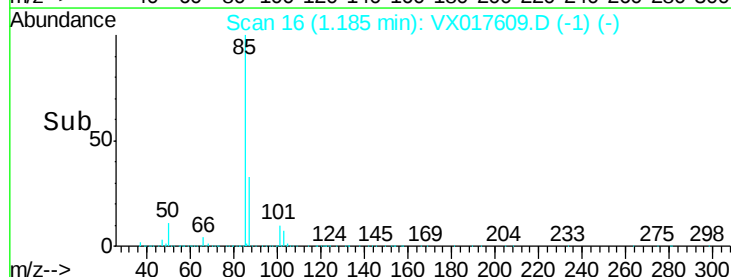
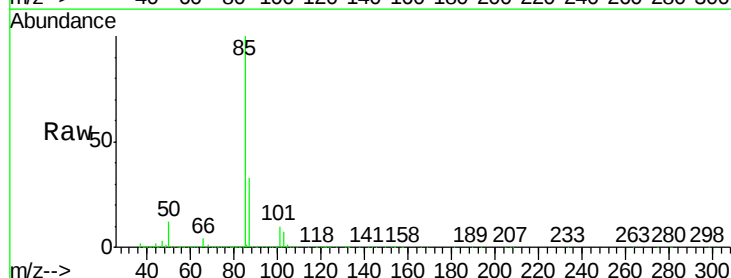
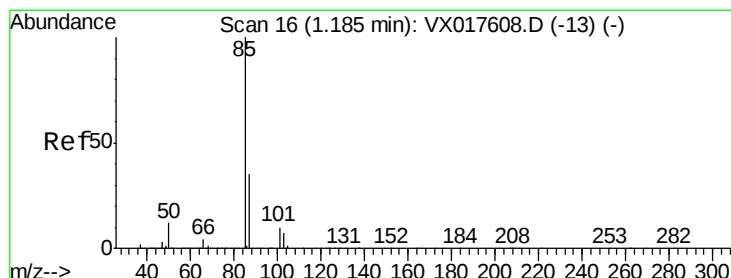
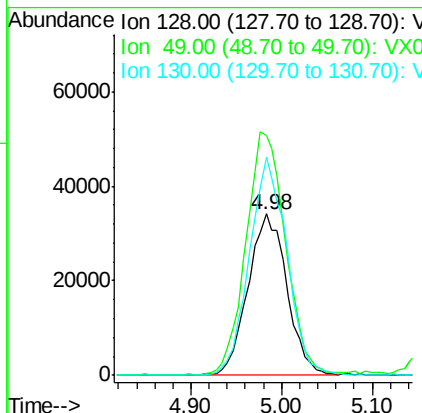
Acq: 27 Jul 2020 10:08

Tot Ion:	128	Resp:	101426
Ion Ratio	Lower	Upper	
128	100		
49	153.6	0.0	376.0
130	130.1	0.0	323.0

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#2

Dichlorodifluoromethane

Concen: 84.299 ug/l

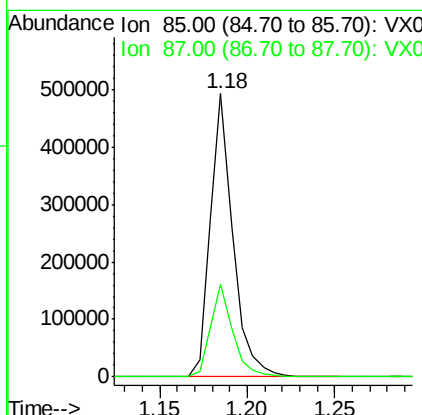
RT: 1.18 min Scan# 16

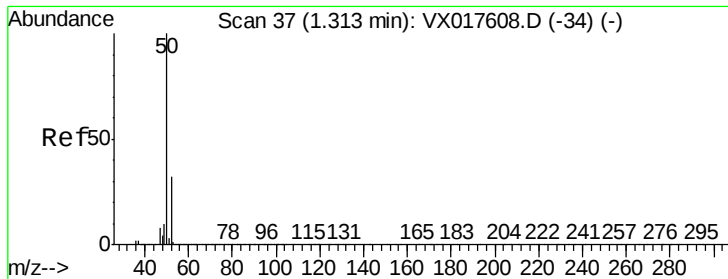
Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Tgt Ion:	85	Resp:	440210
Ion Ratio	Lower	Upper	
85	100		
87	32.6	17.3	51.9





#3

Chloromethane

Concen: 73.277 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 50 Resp: 395568

Ion Ratio Lower Upper

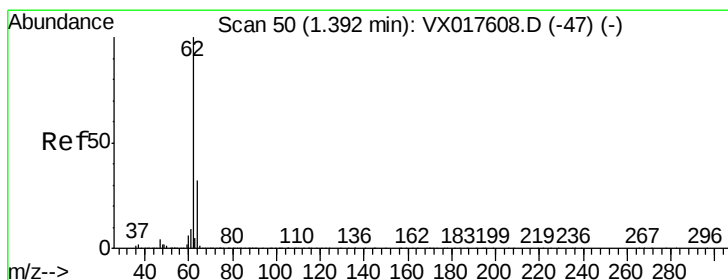
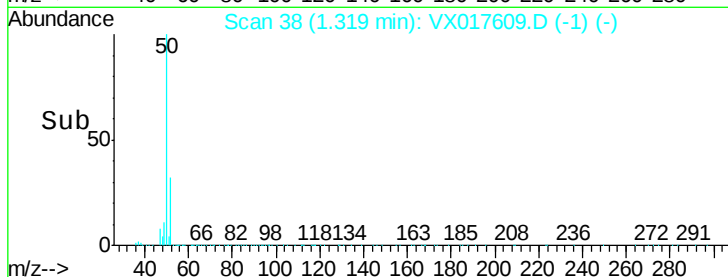
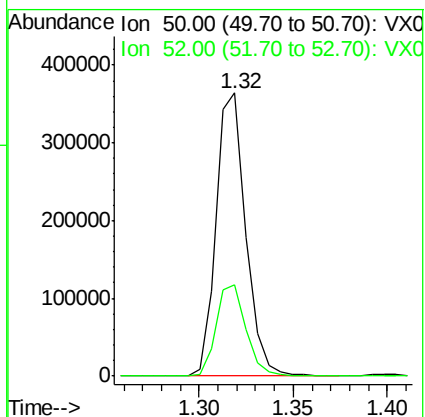
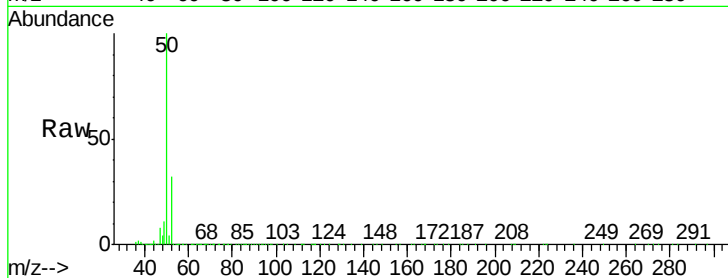
50 100

52 32.1 25.5 38.3

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#4

Vinyl Chloride

Concen: 70.564 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017609.D

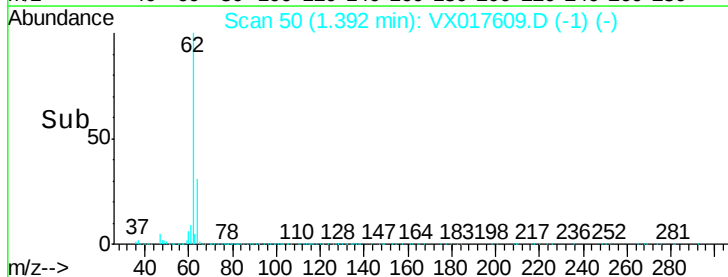
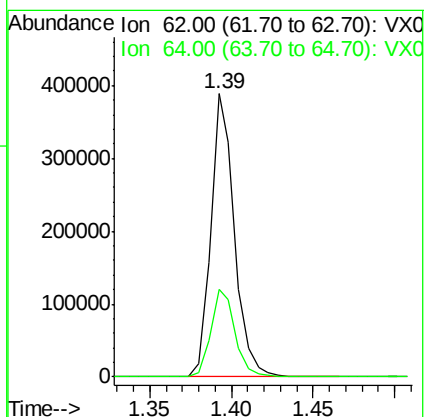
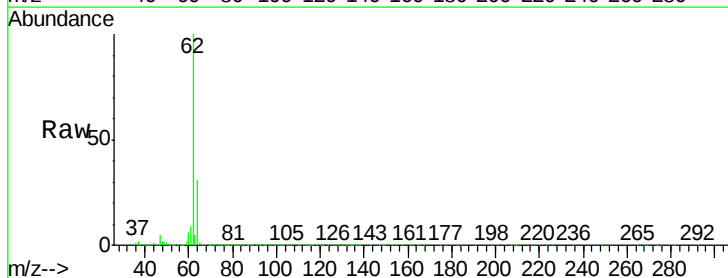
Acq: 27 Jul 2020 10:08

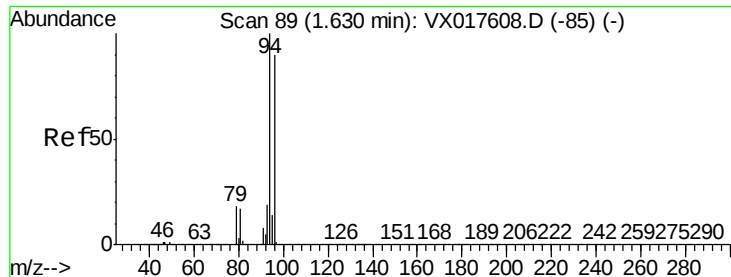
Tgt Ion: 62 Resp: 392232

Ion Ratio Lower Upper

62 100

64 31.1 25.8 38.8





#5

Bromomethane

Concen: 66.762 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 94 Resp: 241397

Ion Ratio Lower Upper

94 100

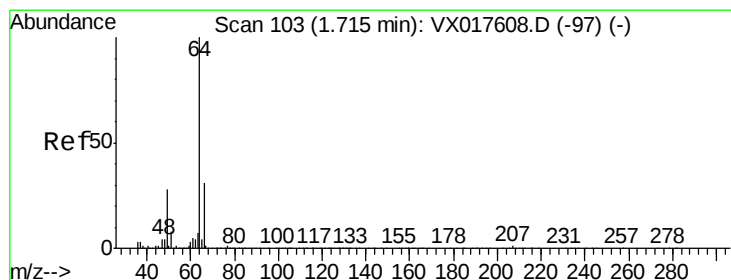
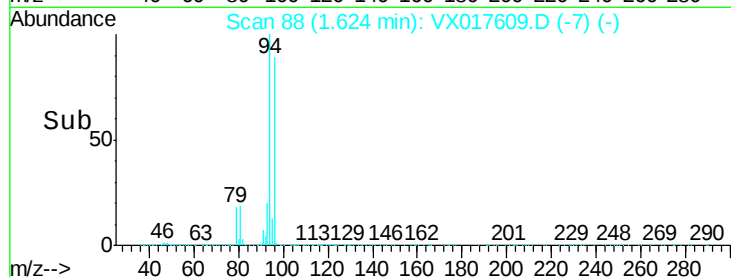
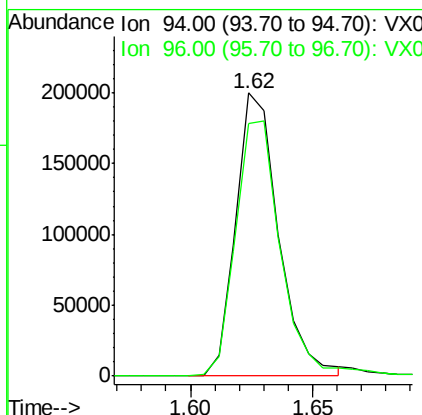
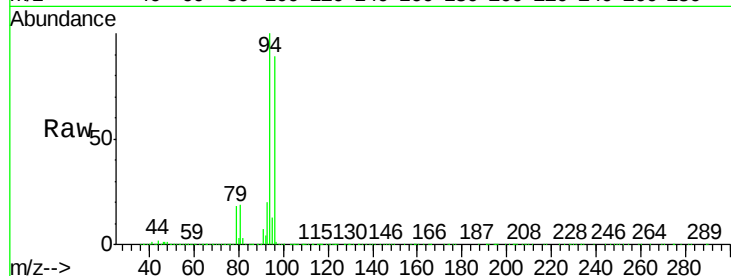
96 89.0 72.5 108.7

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#6

Chloroethane

Concen: 62.155 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX017609.D

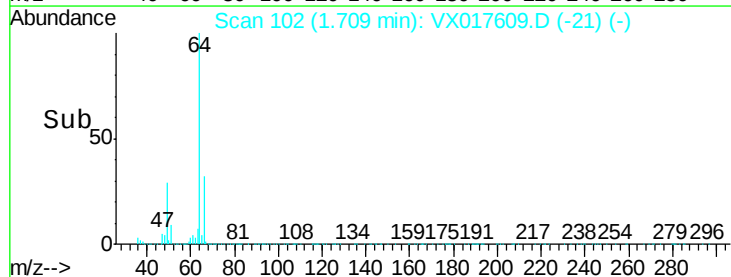
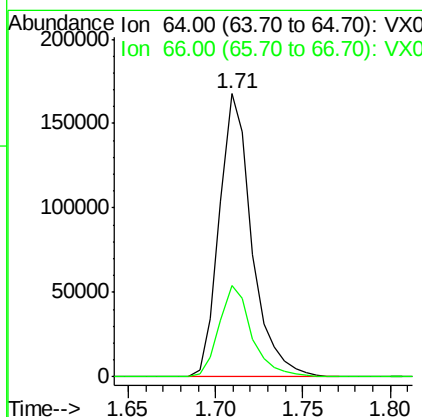
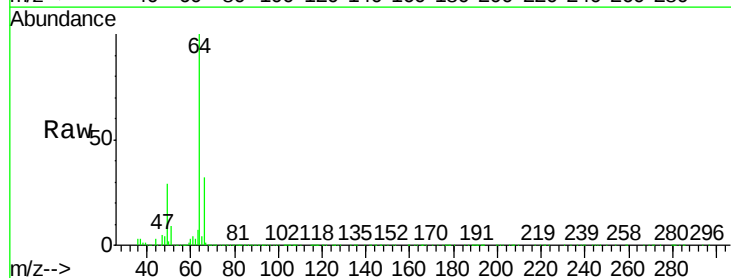
Acq: 27 Jul 2020 10:08

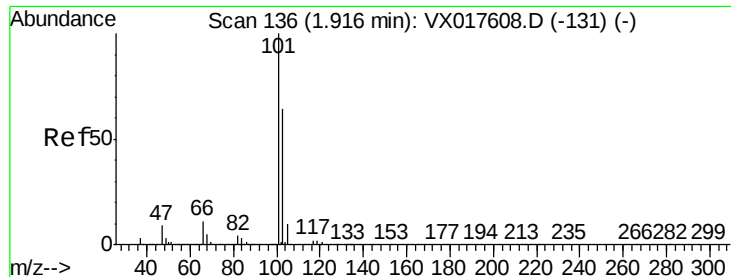
Tgt Ion: 64 Resp: 217350

Ion Ratio Lower Upper

64 100

66 32.2 25.1 37.7





#7

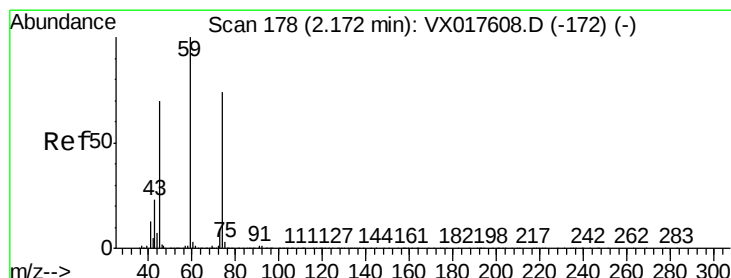
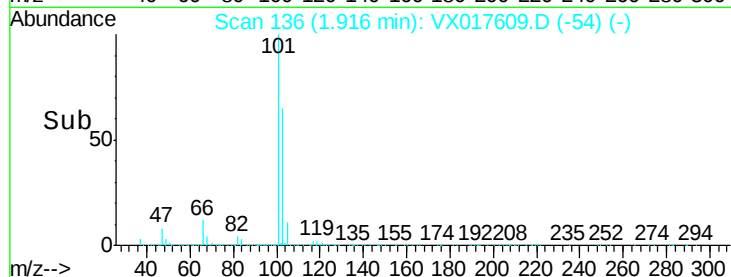
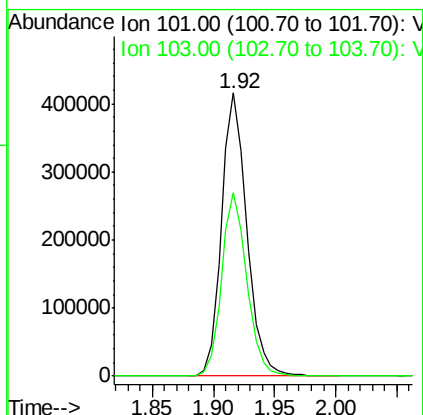
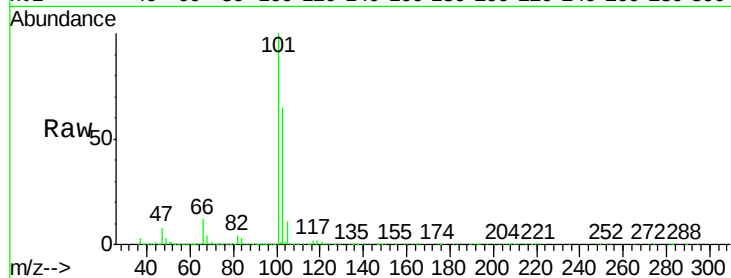
Trichlorofluoromethane
Concen: 63.574 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.3	76.9

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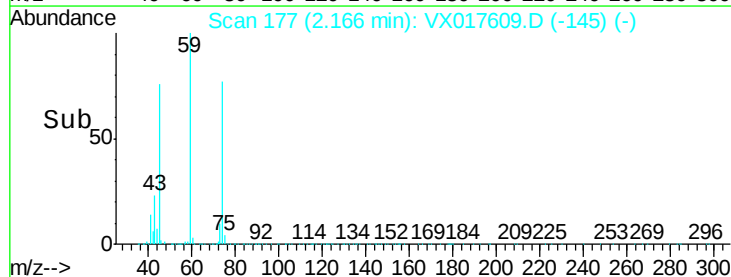
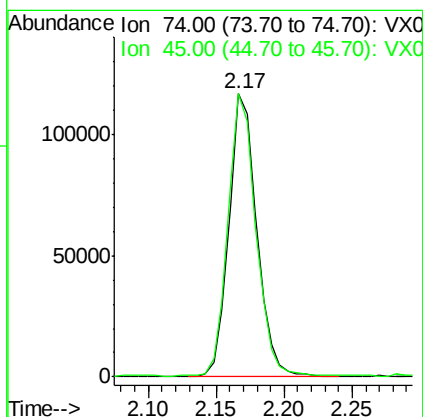
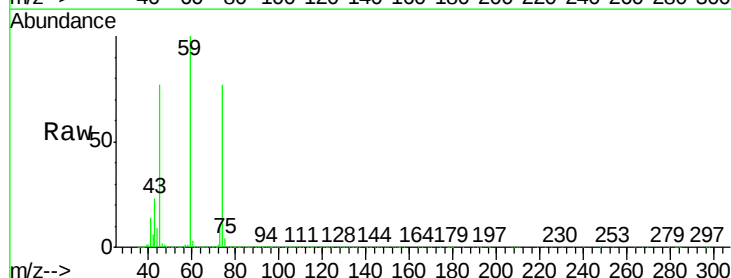
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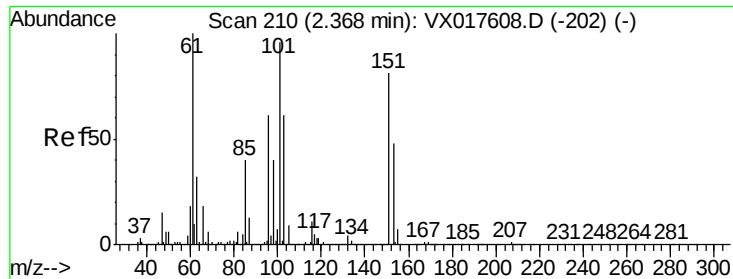


#8

Diethyl Ether
Concen: 52.807 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.7	21.1	190.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.118 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

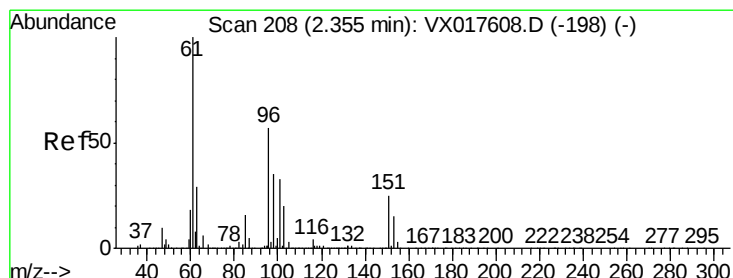
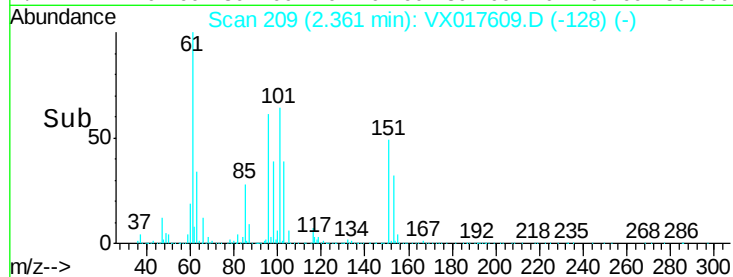
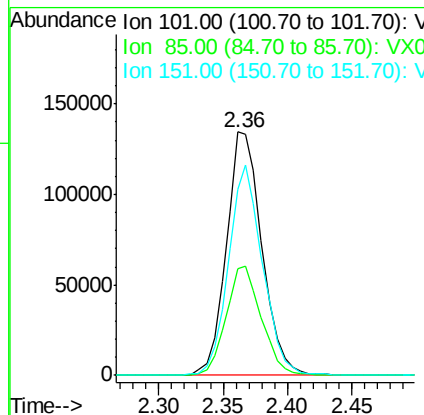
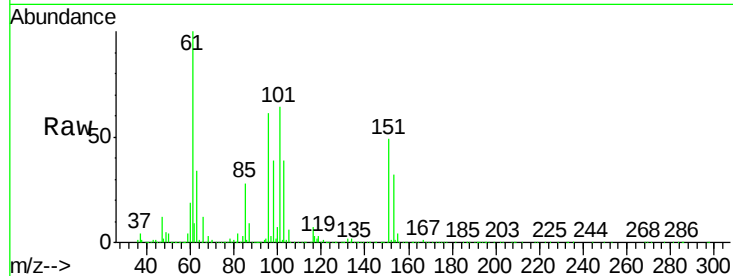
ClientSampleId :

VSTDIC050

Tot Ion:	101	Resp:	258661
Ion Ratio	Lower	Upper	
101	100		
85	44.6	0.0	90.6
151	82.9	0.0	163.2

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7/28/2020 10:31:41 AM



#10

1,1-Dichloroethene

Concen: 48.890 ug/l

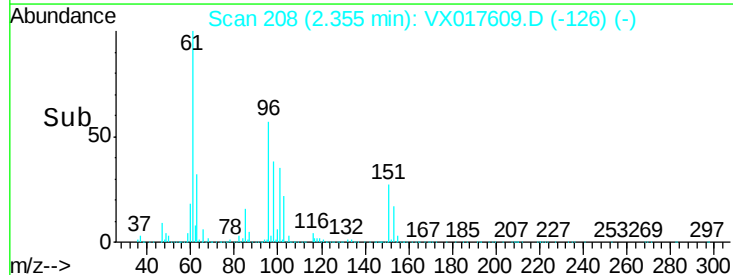
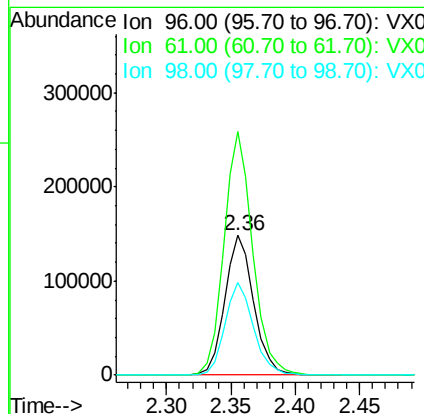
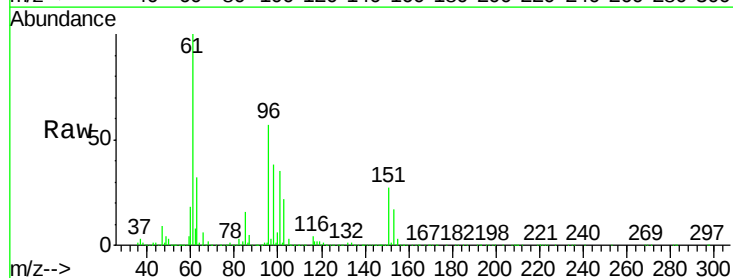
RT: 2.36 min Scan# 208

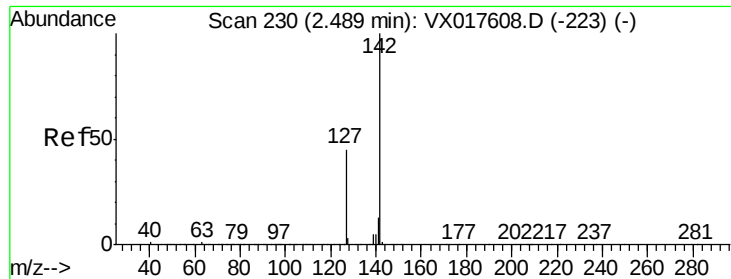
Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Tgt Ion:	96	Resp:	232984
Ion Ratio	Lower	Upper	
96	100		
61	174.6	141.2	211.8
98	66.2	49.4	74.2





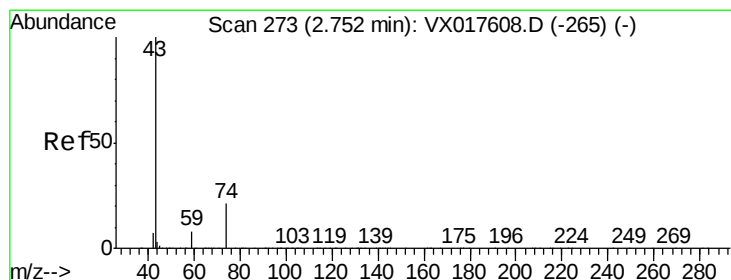
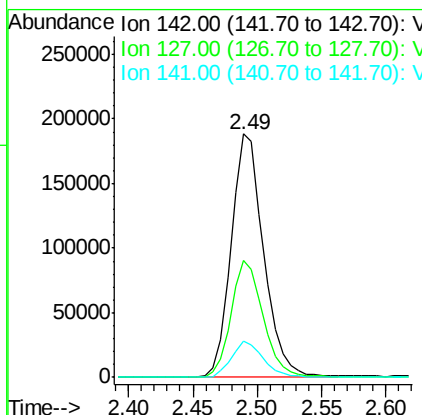
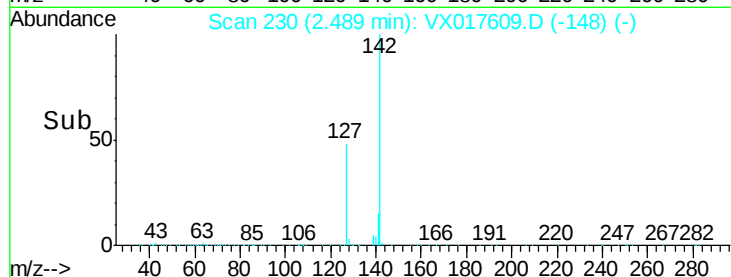
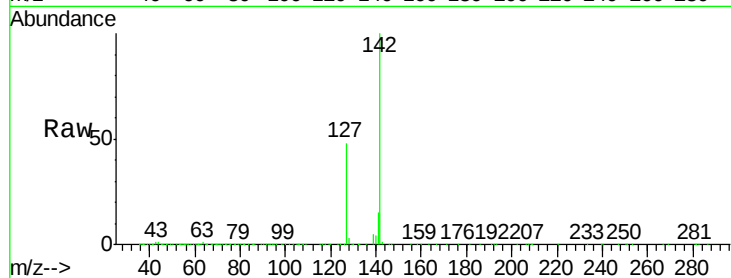
#11
Methvl Iodide
Concen: 57.760 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
127	48.0	22.4	67.0
141	15.0	6.6	19.7

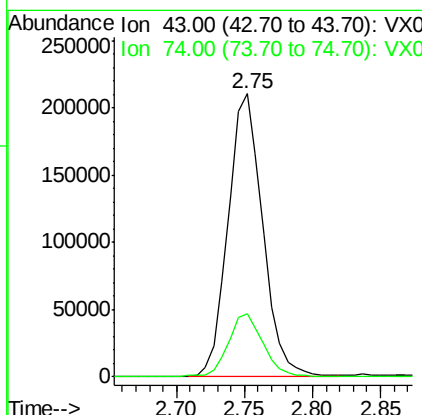
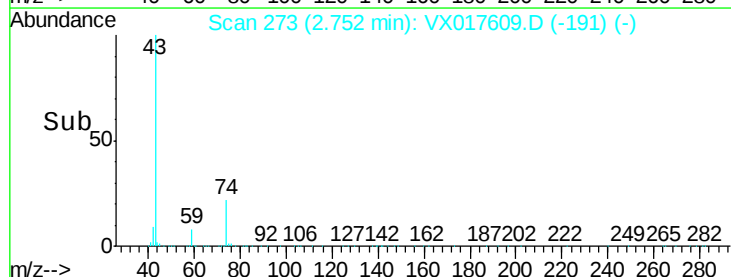
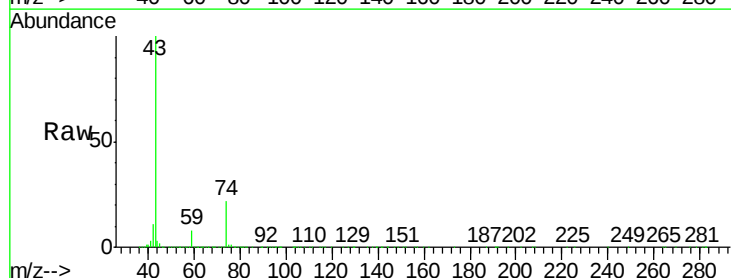
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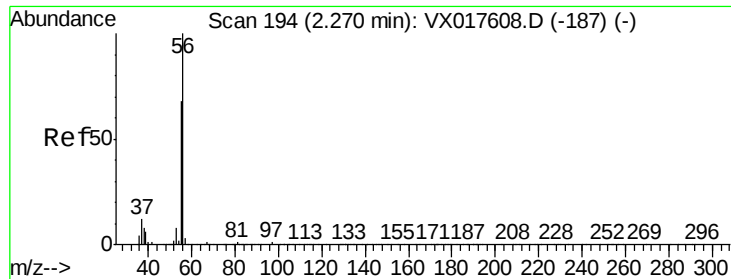
MMDadoda
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#12
Methyl Acetate
Concen: 54.771 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.1	25.7





#13

Acrolein

Concen: 301.515 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 56 Resp: 264837

Ion Ratio Lower Upper

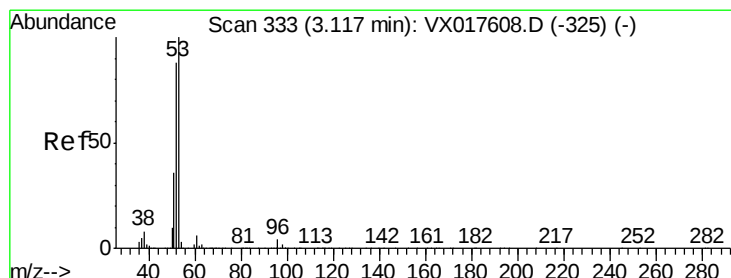
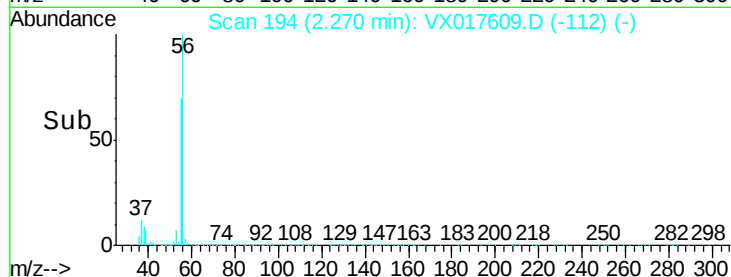
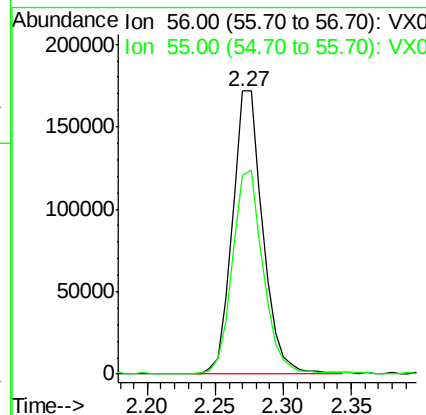
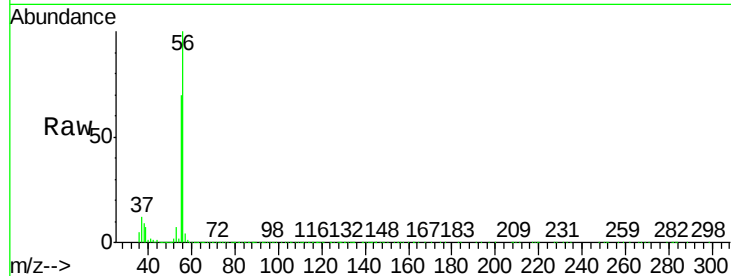
56 100

55 73.1 57.2 85.8

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#14

Acrylonitrile

Concen: 267.893 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

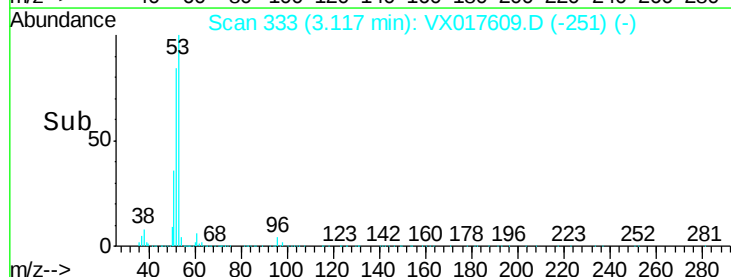
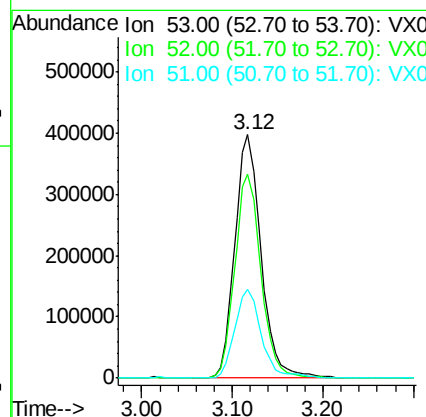
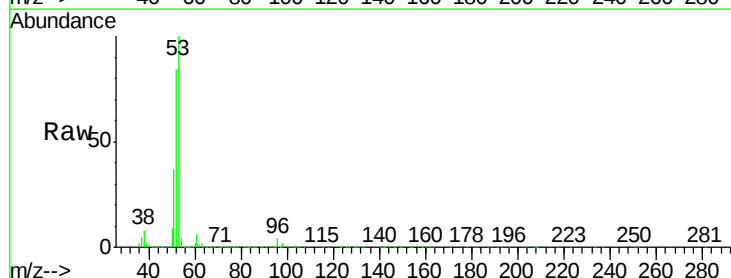
Tgt Ion: 53 Resp: 801993

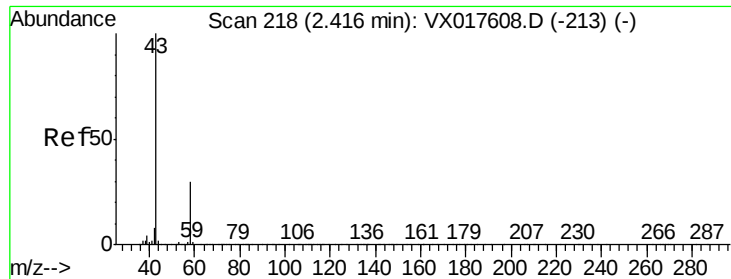
Ion Ratio Lower Upper

53 100

52 83.2 41.4 124.4

51 35.9 18.4 55.2





#15

Acetone

Concen: 279.372 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 58 Resp: 216182

Ion Ratio Lower Upper

58 100

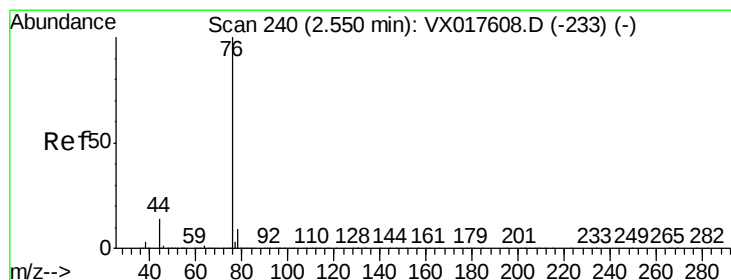
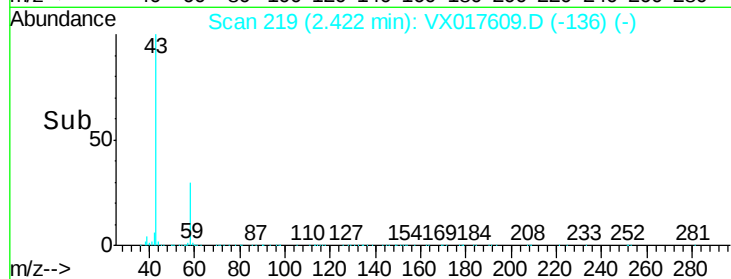
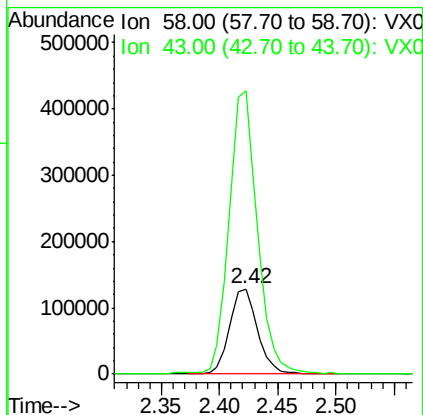
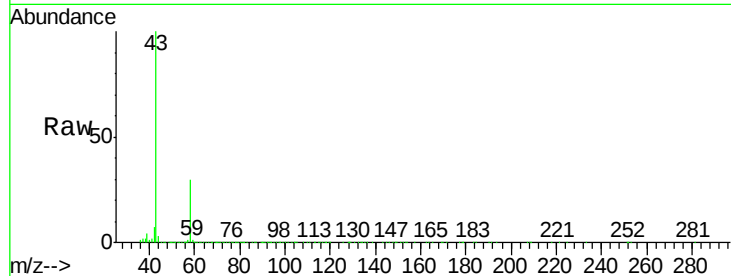
43 330.9 268.6 402.8

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#16

Carbon Disulfide

Concen: 51.606 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017609.D

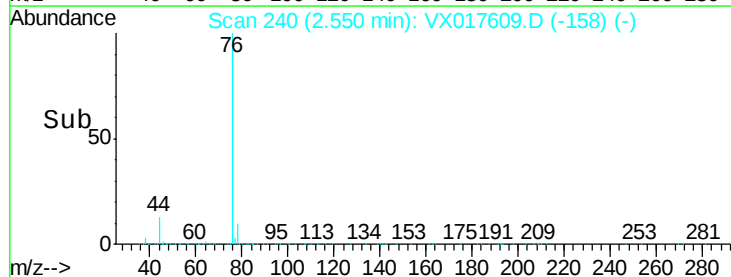
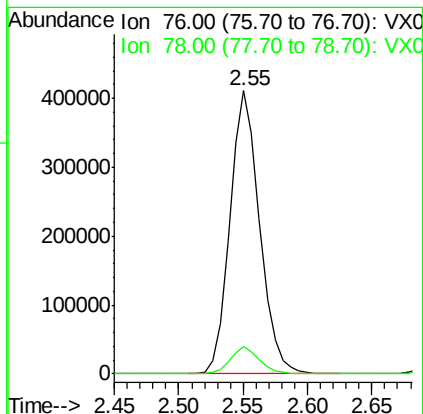
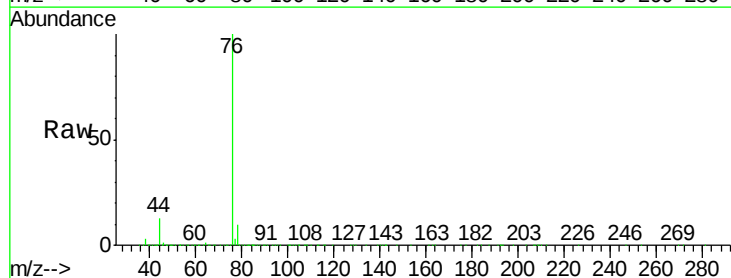
Acq: 27 Jul 2020 10:08

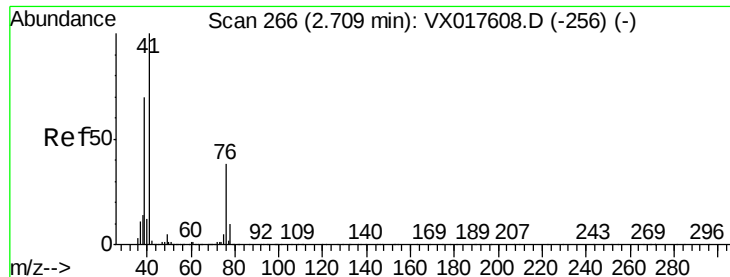
Tgt Ion: 76 Resp: 660696

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3





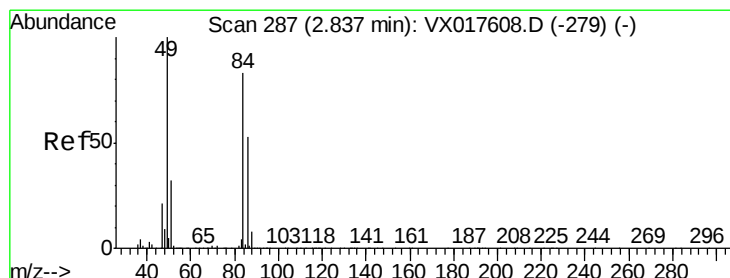
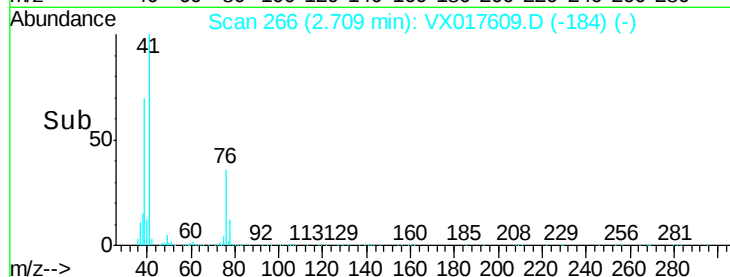
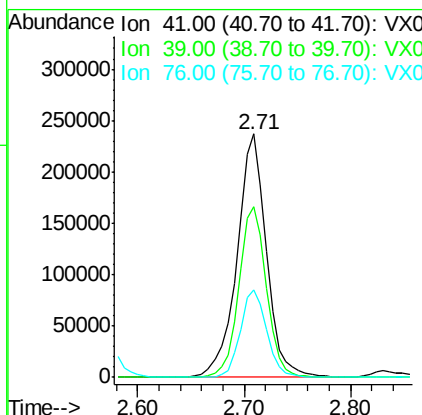
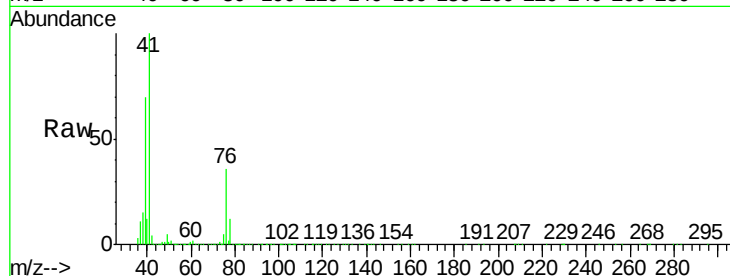
#17
Allvl chloride
Concen: 51.212 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	69.9	34.8	104.5
76	35.9	19.1	57.3

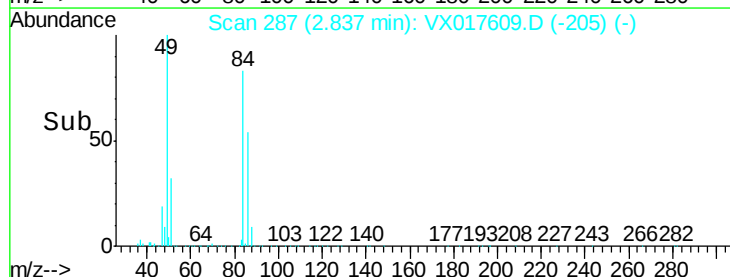
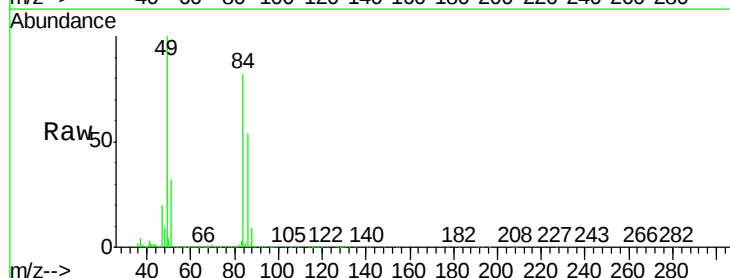
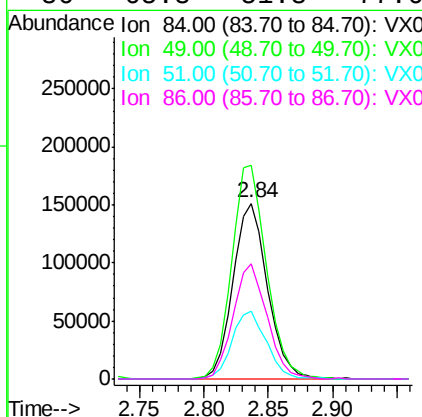
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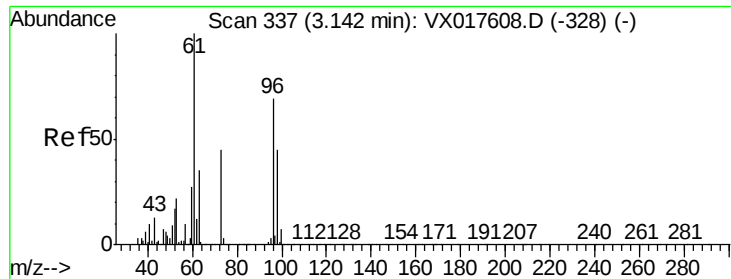
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#18
Methylene Chloride
Concen: 48.287 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.7	96.7	145.1
51	38.6	31.0	46.4
86	65.8	51.8	77.6





#19

trans-1,2-Dichloroethene

Concen: 48.088 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

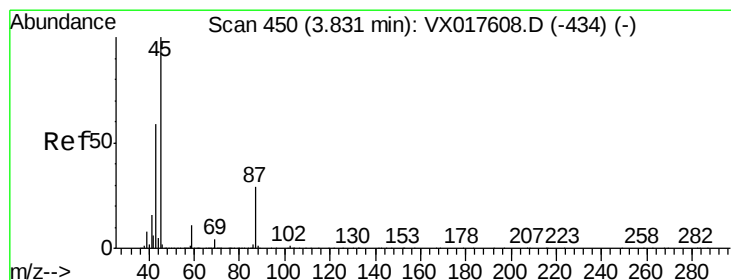
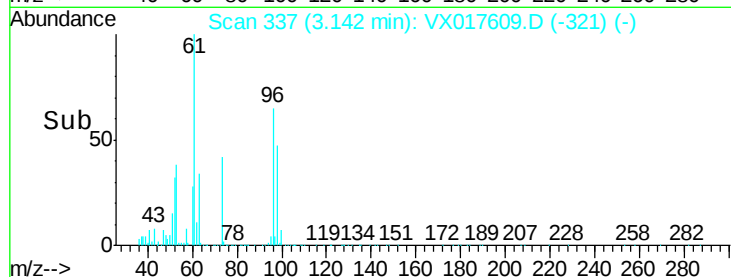
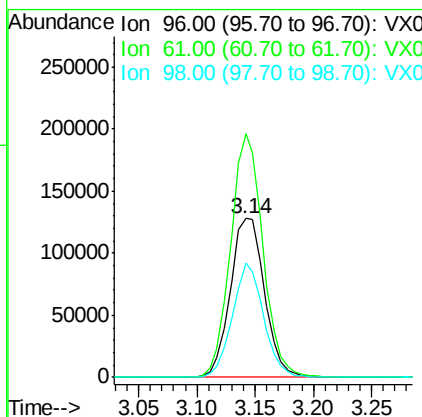
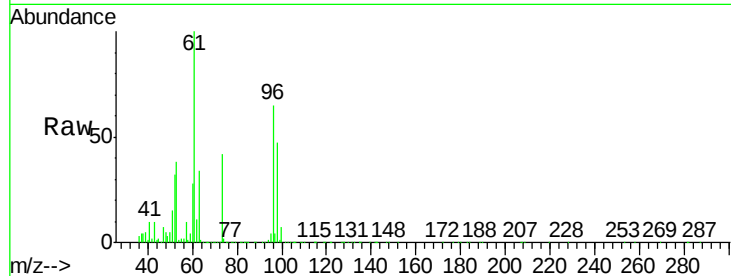
ClientSampleId :

VSTDIC050

Tot Ion:	96	Resp:	261689
Ion	Ratio	Lower	Upper
96	100		
61	153.3	115.0	172.6
98	71.7	51.6	77.4

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#20

Diisopropyl ether

Concen: 52.411 ug/l

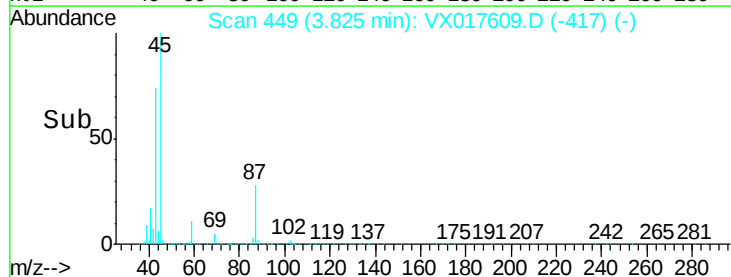
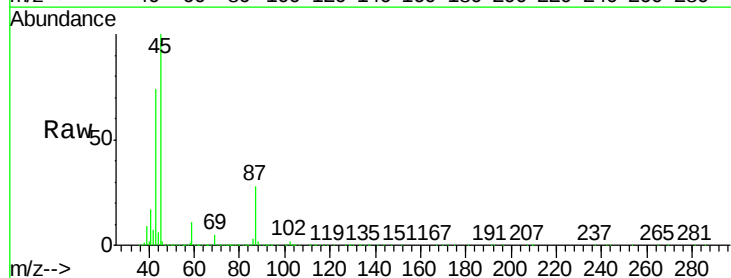
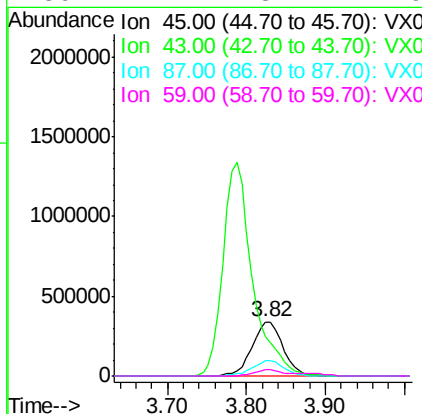
RT: 3.82 min Scan# 449

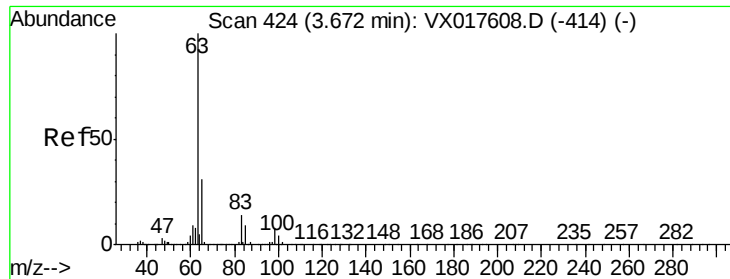
Delta R.T. -0.01 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Tgt Ion:	45	Resp:	929734
Ion	Ratio	Lower	Upper
45	100		
43	74.1	47.4	71.0#
87	28.2	23.3	34.9
59	11.4	8.4	12.6





#21

1,1-Dichloroethane

Concen: 51.323 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

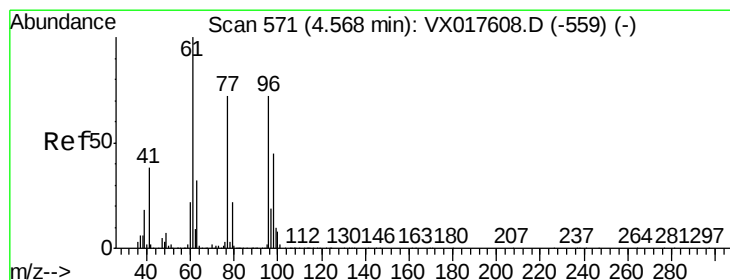
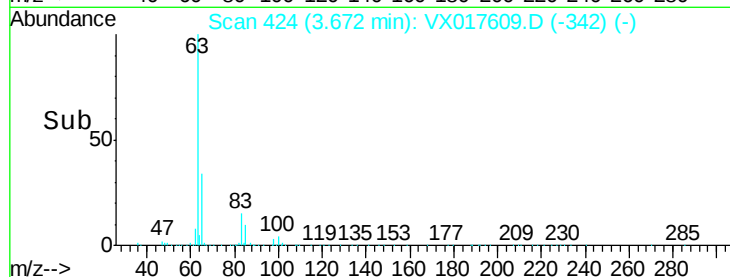
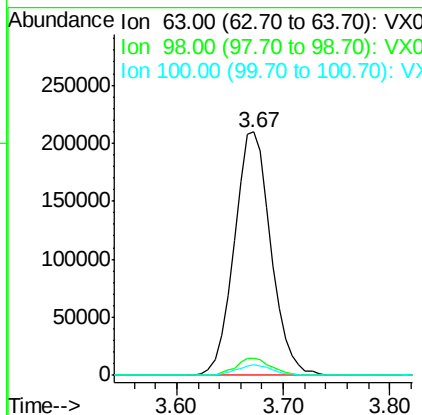
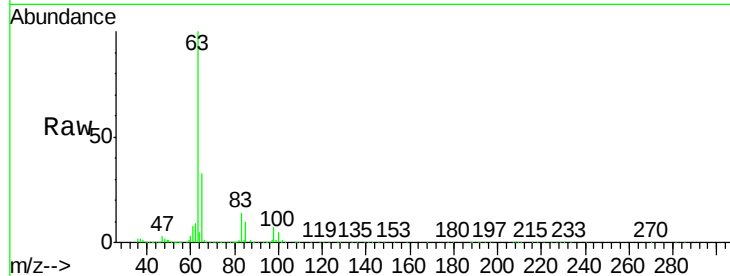
ClientSampleId :

VSTDIC050

Tot Ion:	63	Resp:	504911
Ion Ratio		Lower	Upper
63	100		
98	7.1	3.9	11.7
100	4.6	1.9	5.7

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#22

cis-1,2-Dichloroethene

Concen: 47.246 ug/l

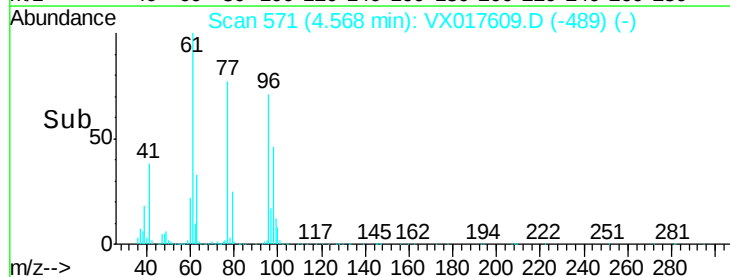
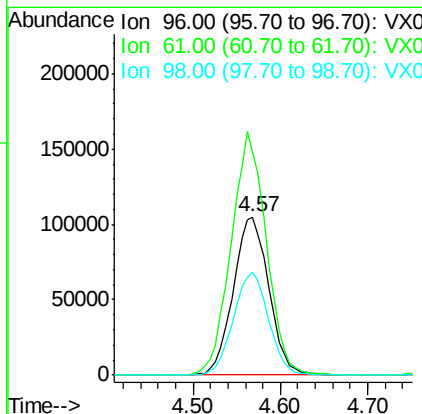
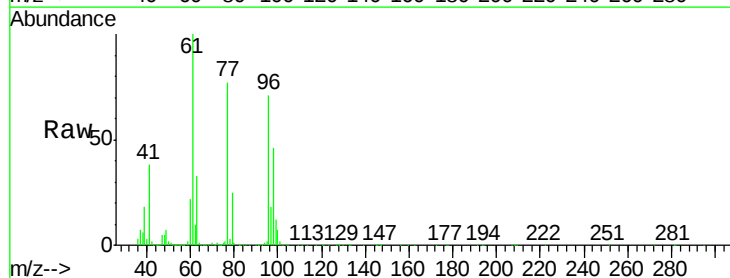
RT: 4.57 min Scan# 571

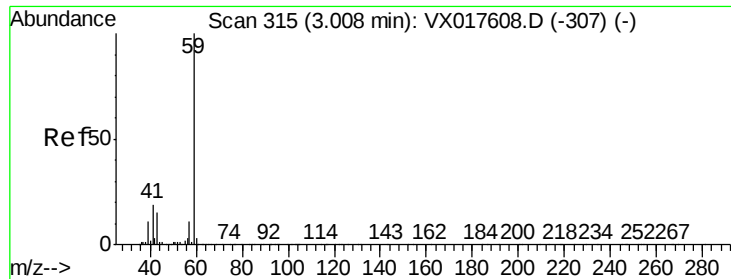
Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Tgt Ion:	96	Resp:	296696
Ion Ratio		Lower	Upper
96	100		
61	151.6	121.1	181.7
98	64.2	51.4	77.2





#23

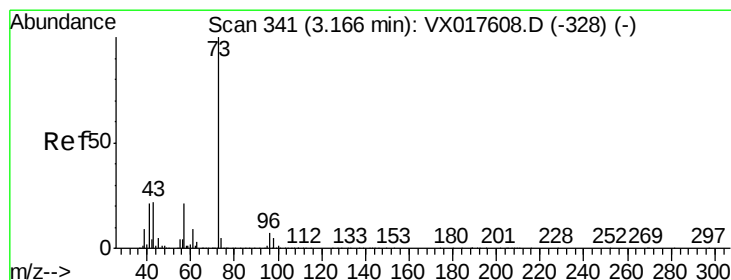
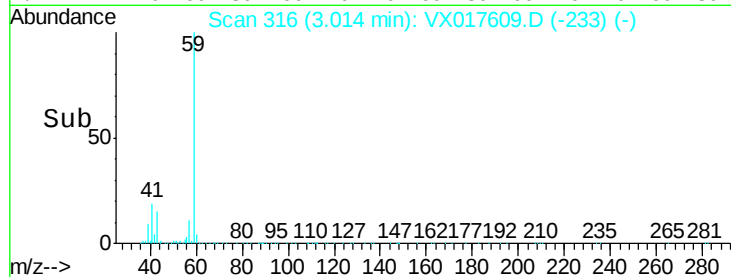
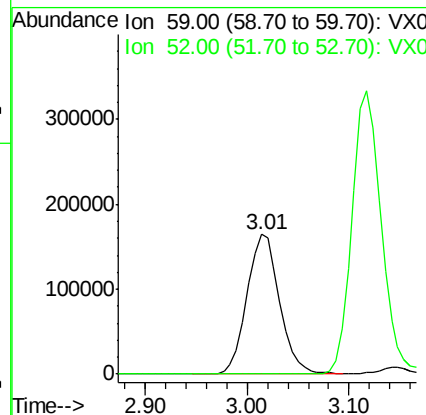
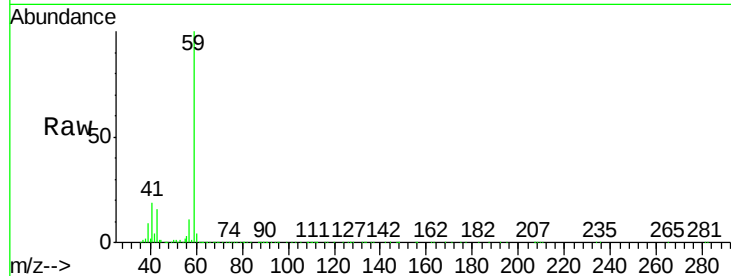
tert-Butyl Alcohol
 Concen: 285.809 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

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

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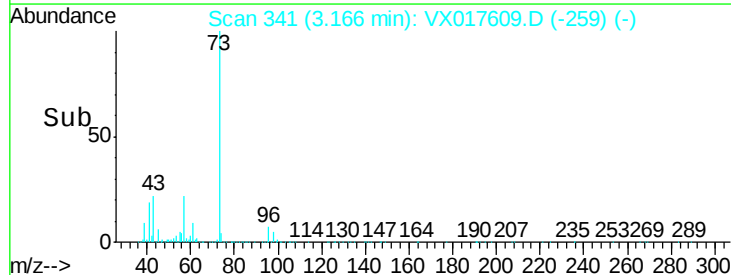
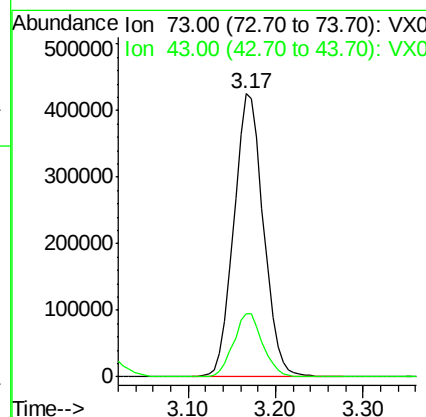
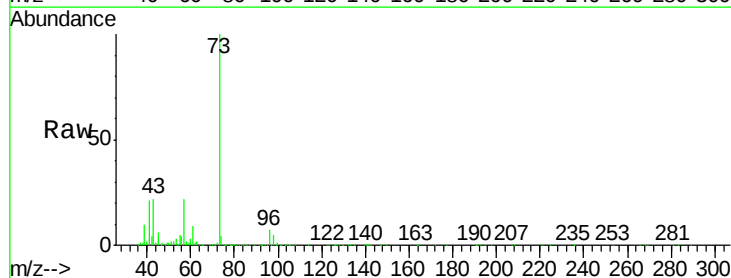
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 7/28/2020 10:31:41 AM

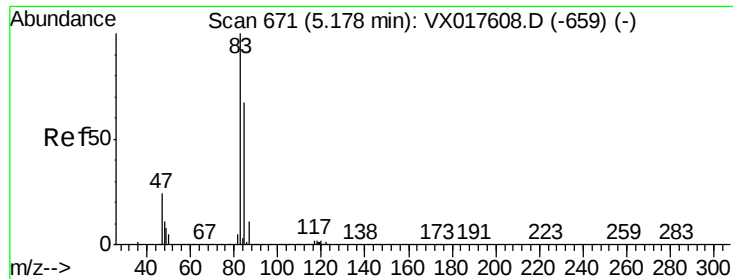


#24

Methyl tert-Butyl Ether
 Concen: 54.240 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.1	18.1	27.1





#25

Chloroform

Concen: 50.977 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 83 Resp: 542822

Ion Ratio Lower Upper

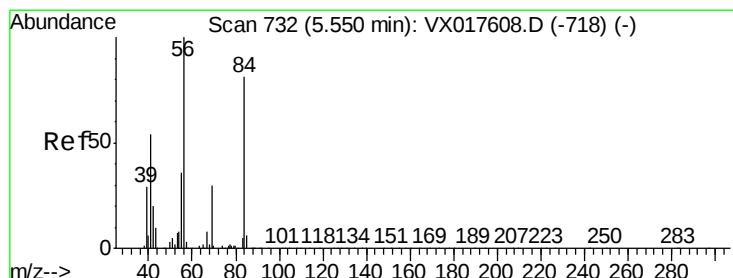
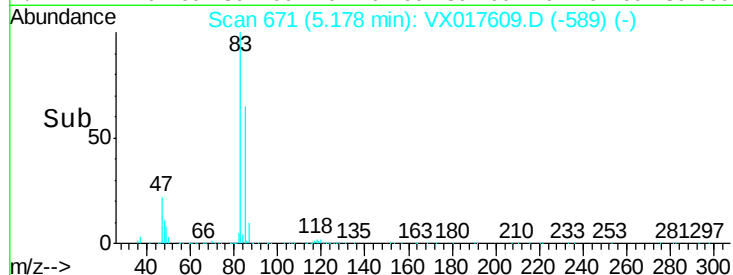
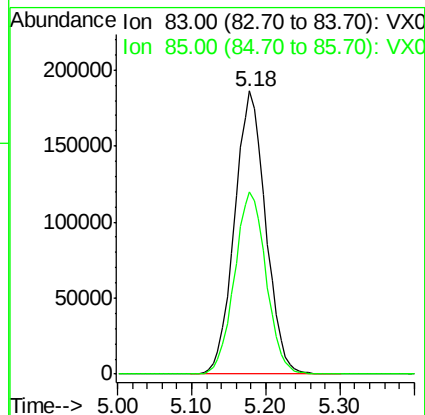
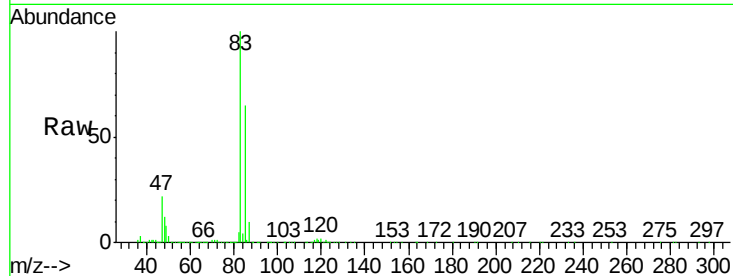
83 100

85 64.6 53.7 80.5

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#26

Cyclohexane

Concen: 56.529 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

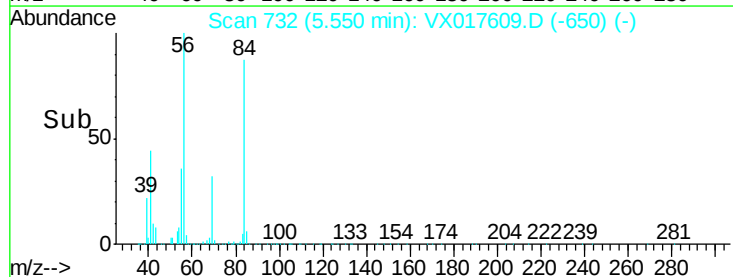
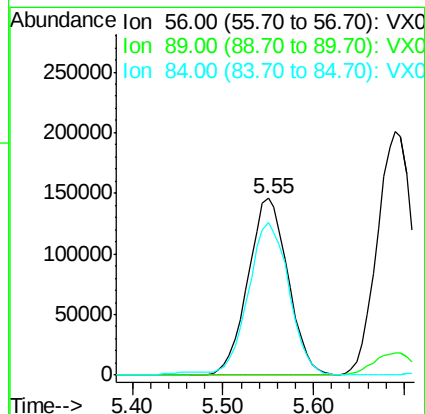
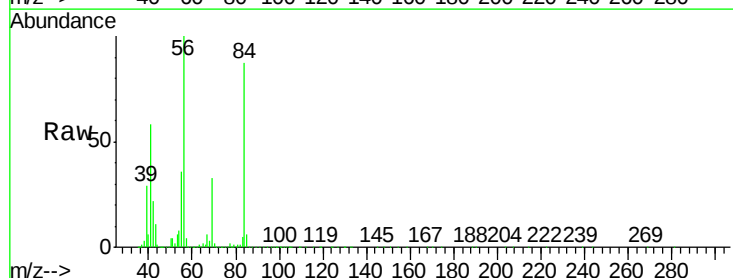
Tgt Ion: 56 Resp: 444930

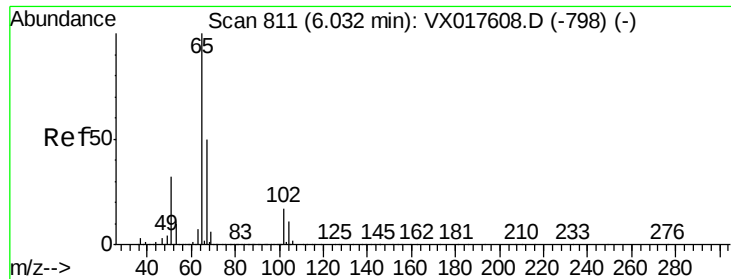
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 87.6 69.3 103.9





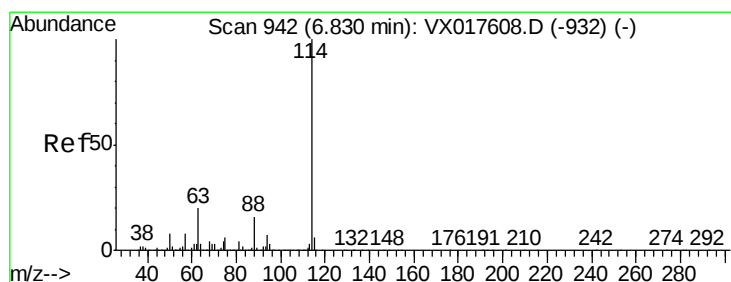
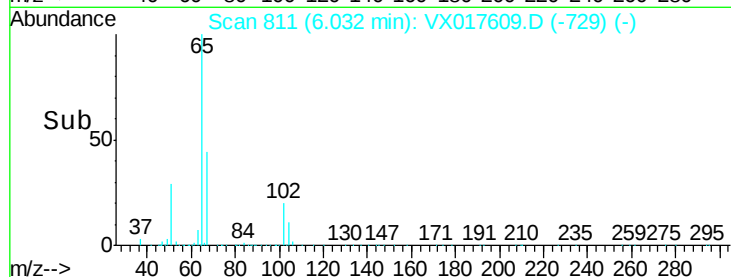
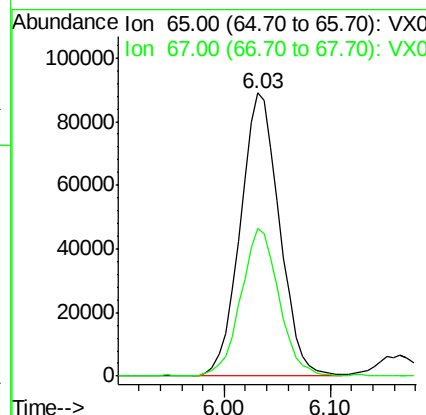
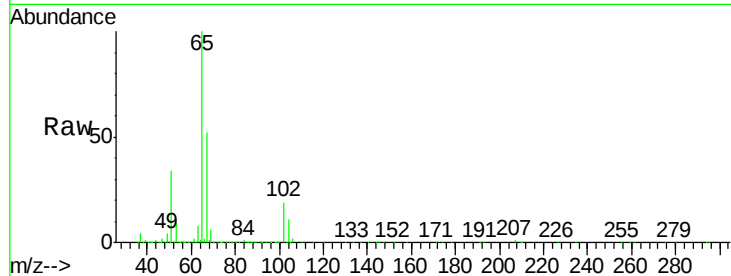
#27
 1,2-Dichloroethane-d4
 Concen: 31.304 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.5	40.6	61.0

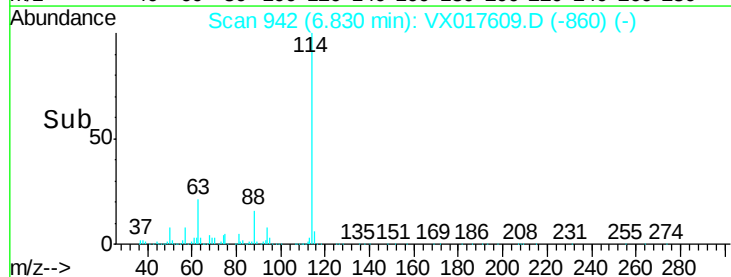
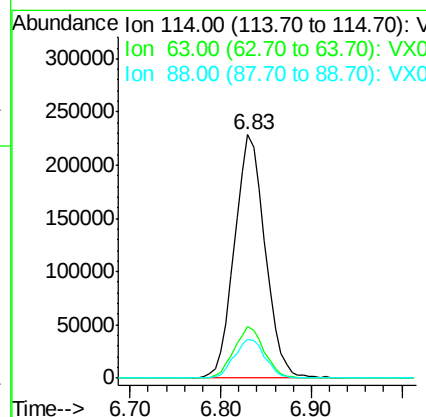
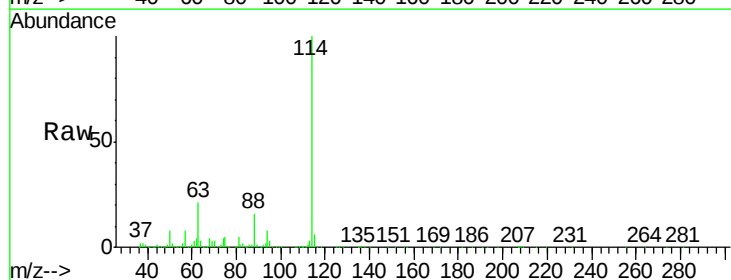
Manual Integrations
 APPROVED

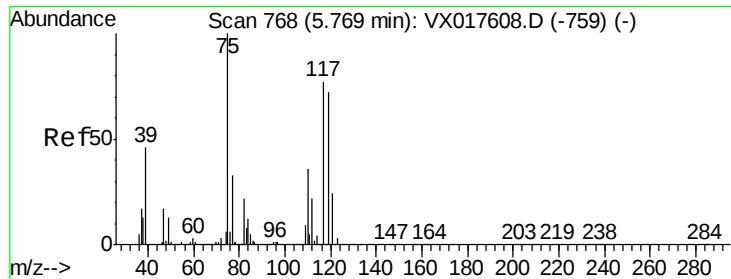
MMDadoda
 7/28/2020 10:31:41 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	16.3	24.5
88	16.0	12.6	18.8





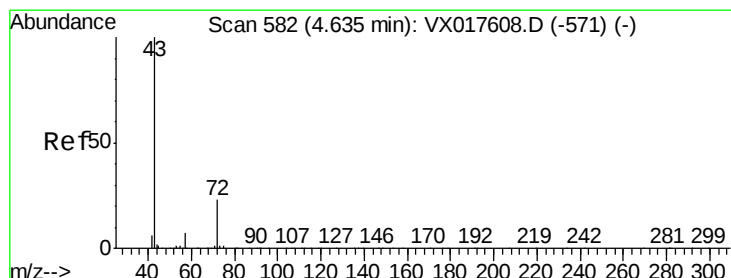
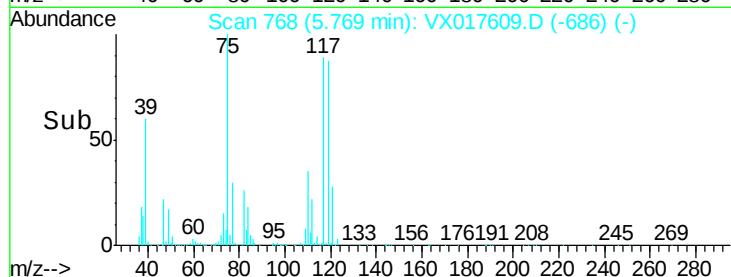
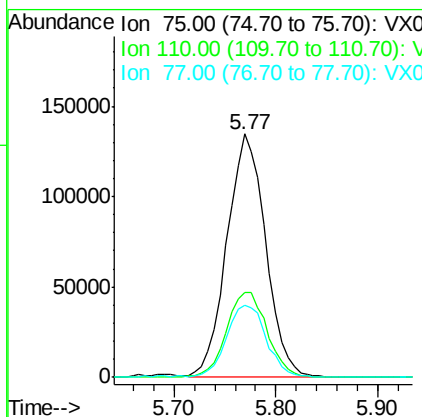
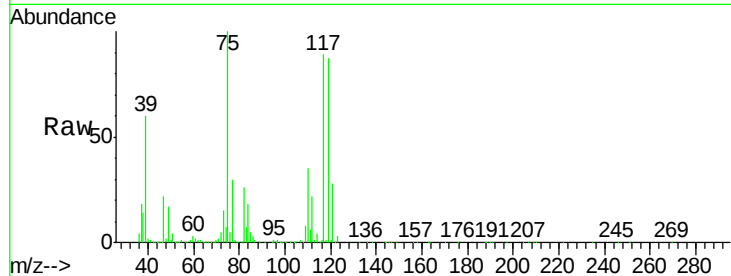
#29
 1,1-Dichloropropene
 Concen: 46.246 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.0	0.0	75.4
77	30.7	0.0	63.2

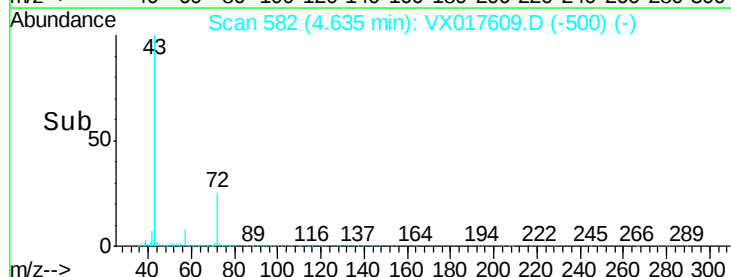
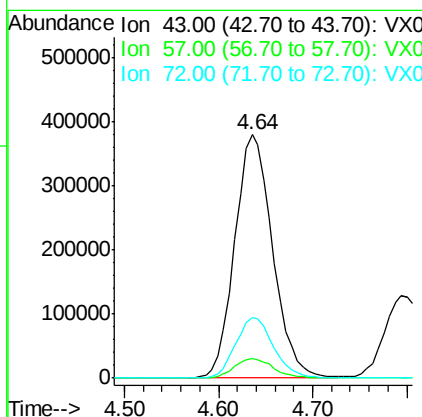
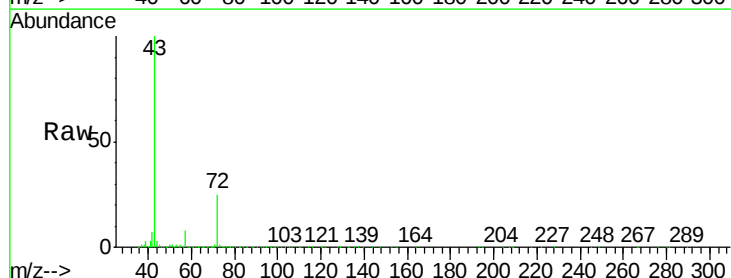
Manual Integrations
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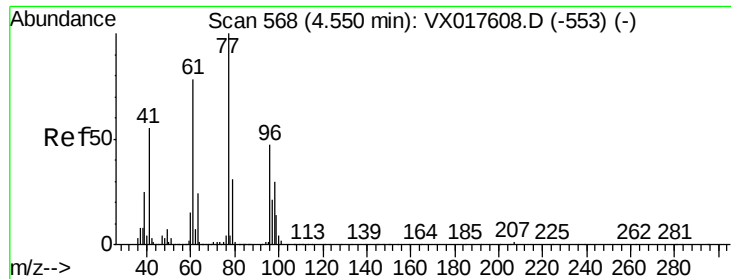
MMDadoda
 7/28/2020 10:31:41 AM



#30
 2-Butanone
 Concen: 255.344 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.5	9.7
72	24.7	19.8	29.6





#31

2,2-Dichloropropane

Concen: 49.219 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 77 Resp: 473726

Ion Ratio Lower Upper

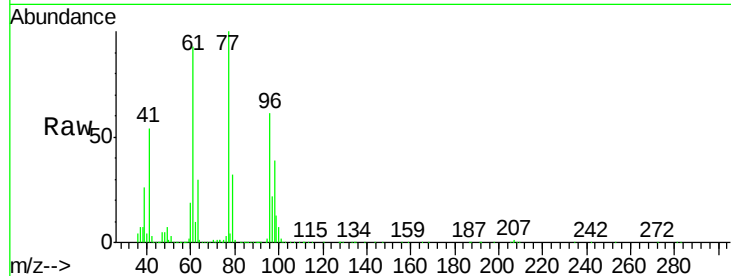
77 100

97 22.1 17.6 26.4

Manual Integrations
APPROVED

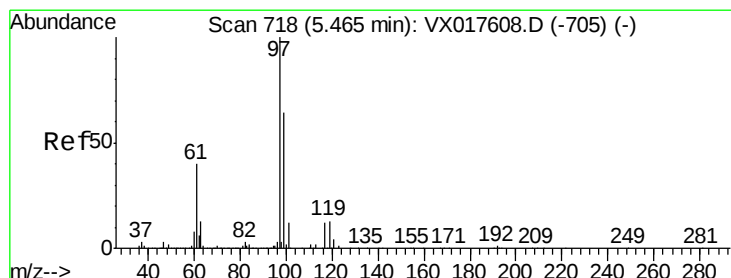
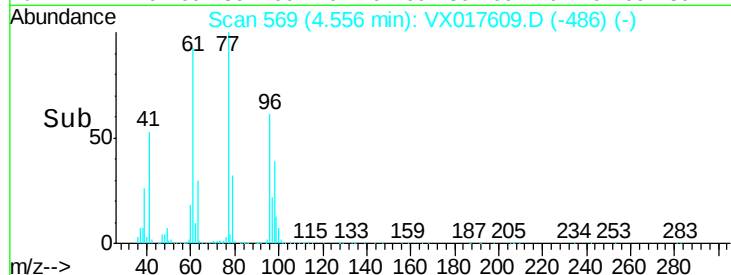
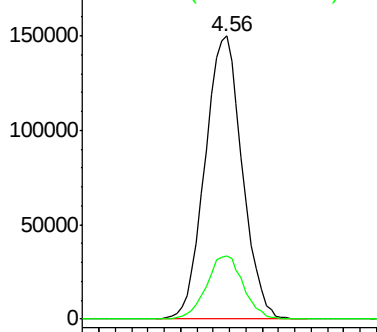
MMDadoda

7/28/2020 10:31:41 AM



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.670 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

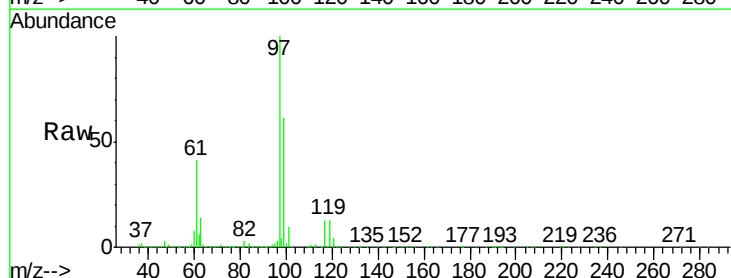
Tgt Ion: 97 Resp: 493831

Ion Ratio Lower Upper

97 100

99 64.7 50.6 75.8

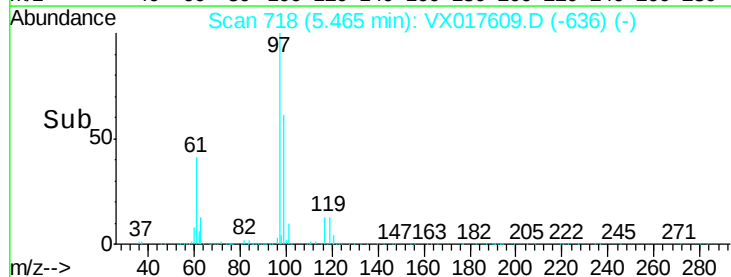
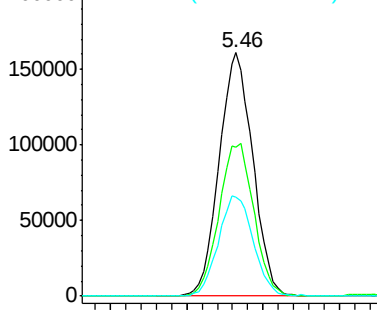
61 42.3 32.6 48.8

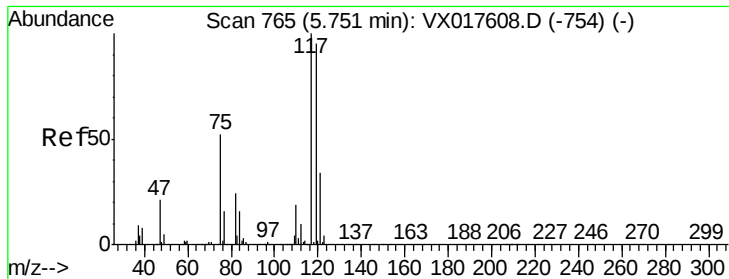


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





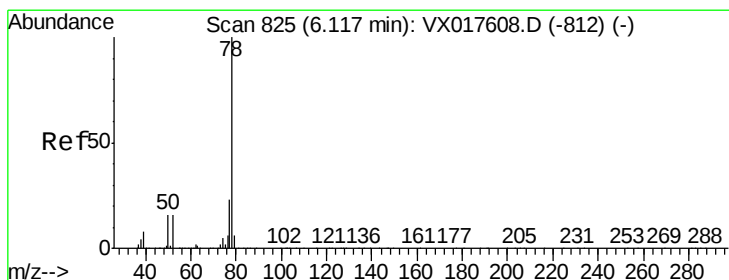
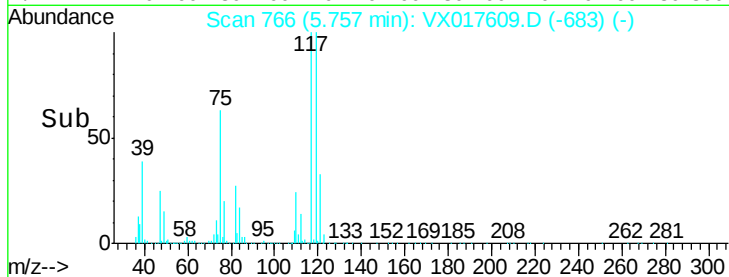
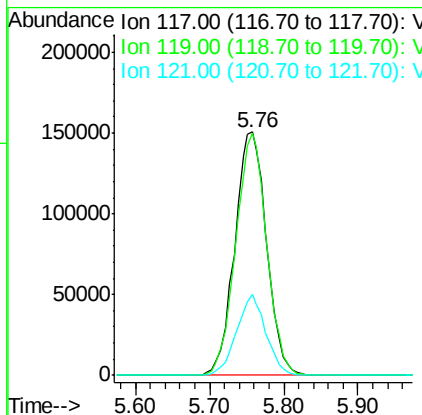
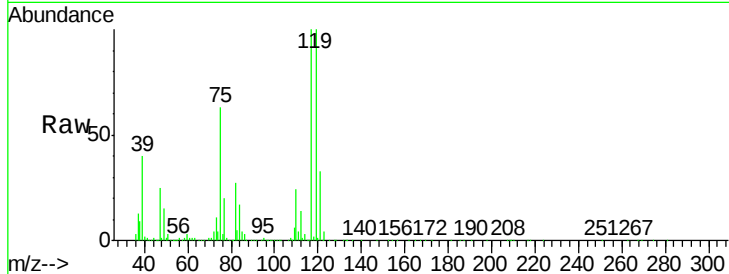
#33
Carbon Tetrachloride
Concen: 48.654 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
119	99.7	76.2	114.2
121	33.2	26.8	40.2

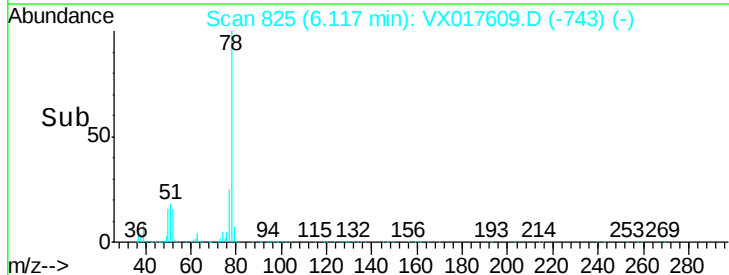
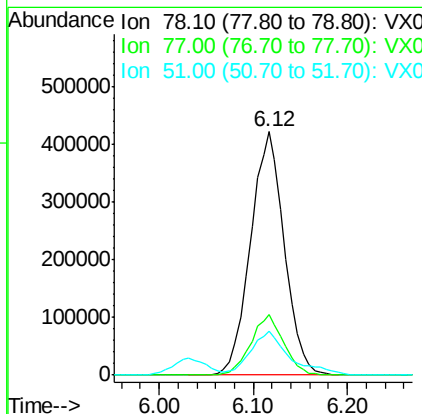
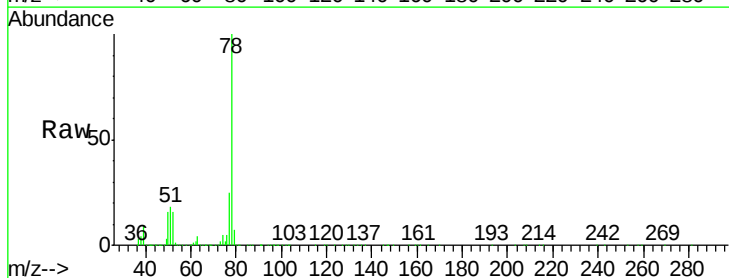
Manual Integrations
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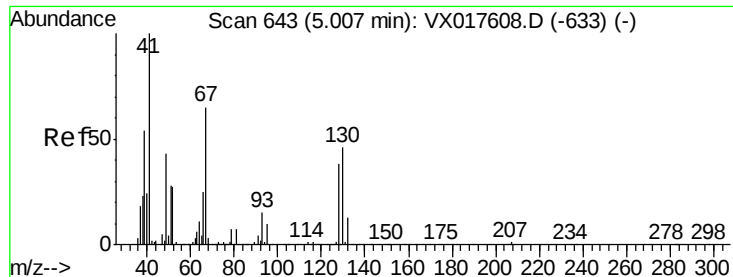
MMDadoda
7/28/2020 10:31:41 AM



#34
Benzene
Concen: 47.896 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.3	27.5
51	16.6	12.3	18.5





#35

Methacrylonitrile

Concen: 51.080 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

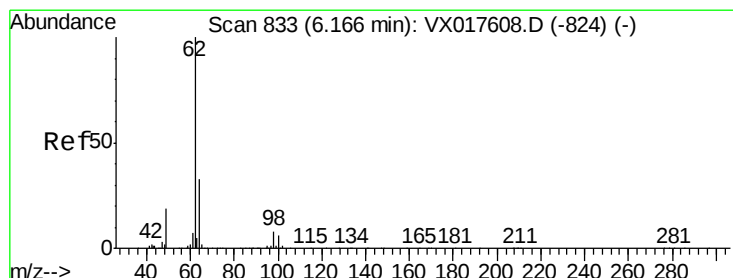
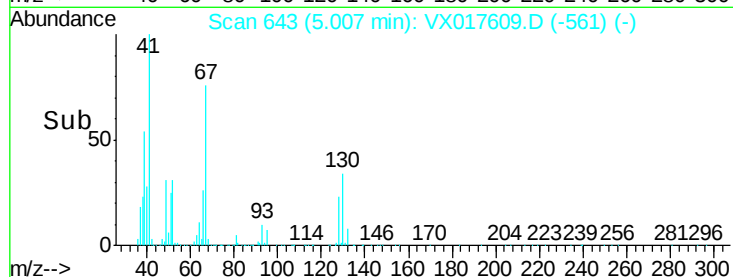
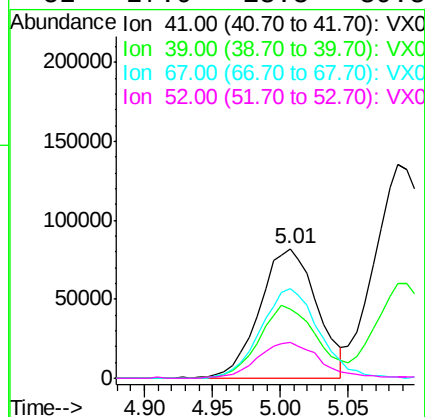
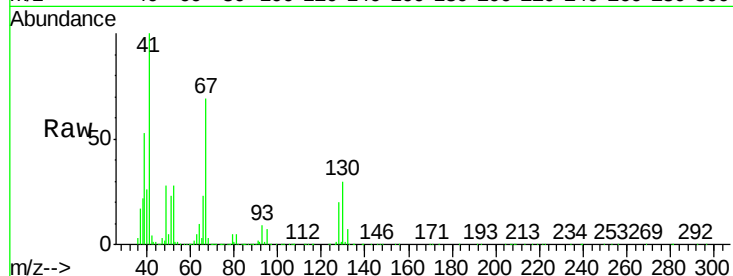
ClientSampleId :

VSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.4	27.0	81.0	
67	68.5	32.4	97.0	
52	27.9	13.3	39.8	

Manual Integrations
APPROVED

MMDadoda
7/28/2020 10:31:41 AM



#36

1,2-Dichloroethane

Concen: 51.218 ug/l

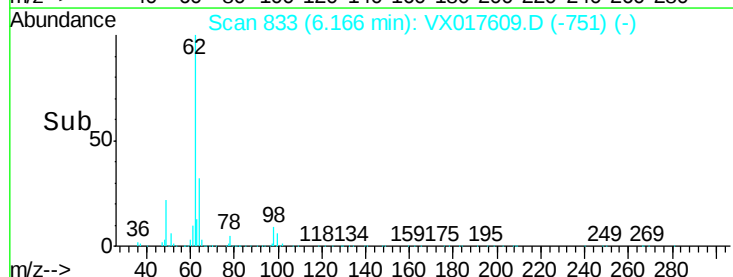
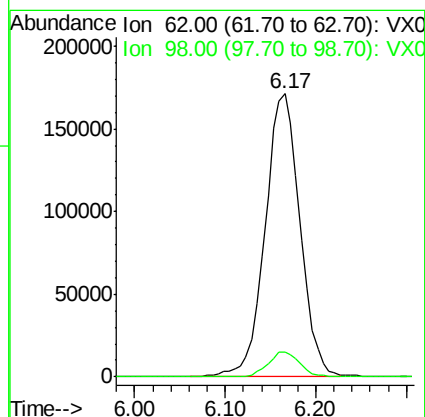
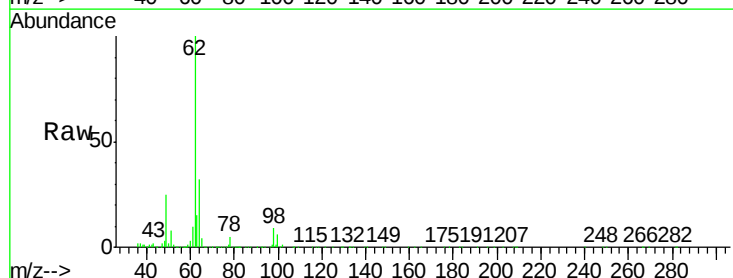
RT: 6.17 min Scan# 833

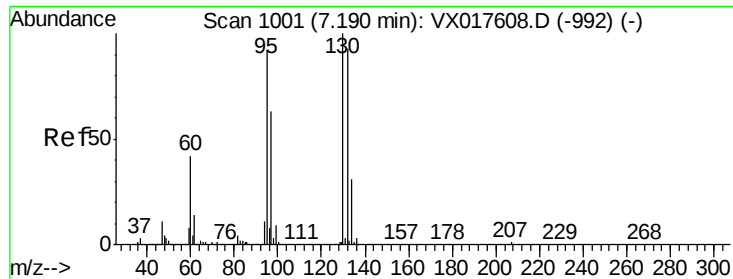
Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.0	6.6	10.0	





#37

Trichloroethene

Concen: 46.935 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:130 Resp: 320685

Ion Ratio Lower Upper

130 100

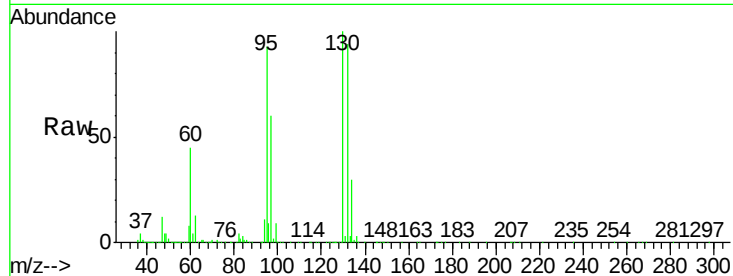
95 93.0 73.9 110.9

Manual Integrations

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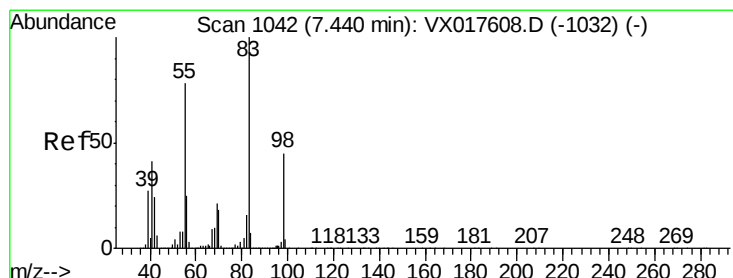
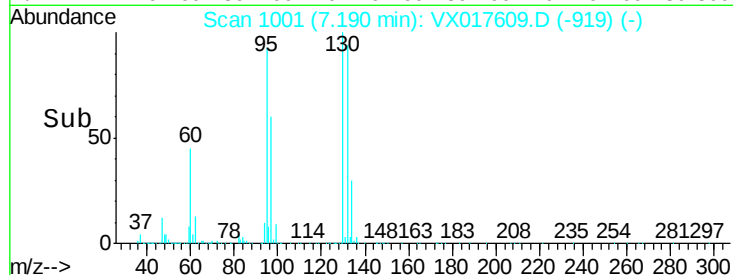
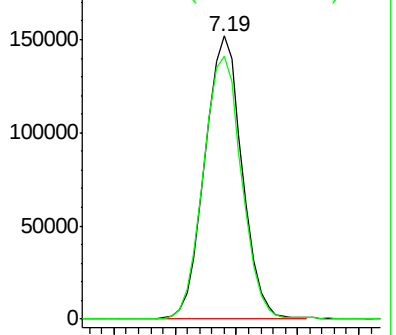
MMDadoda

7/28/2020 10:31:41 AM



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 64.992 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

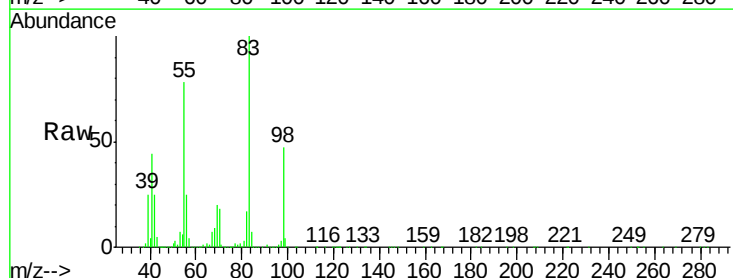
Tgt Ion: 83 Resp: 529790

Ion Ratio Lower Upper

83 100

55 76.4 39.6 118.7

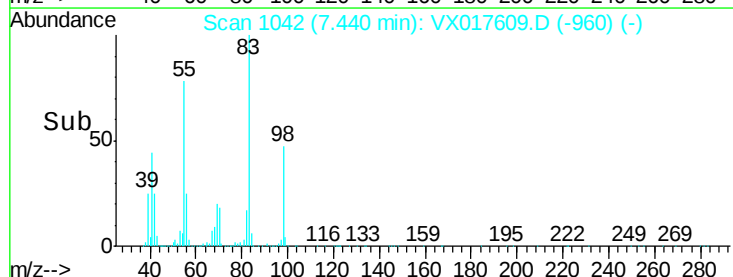
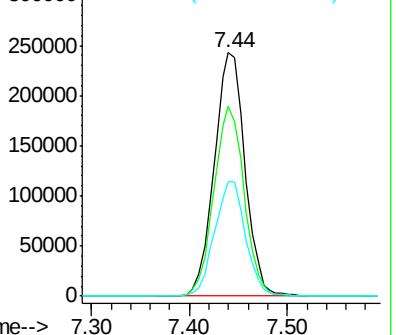
98 47.3 23.9 71.7

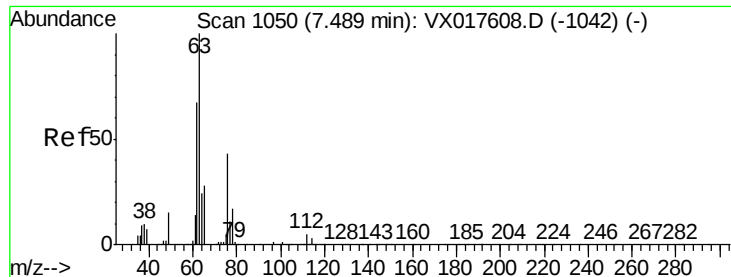


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





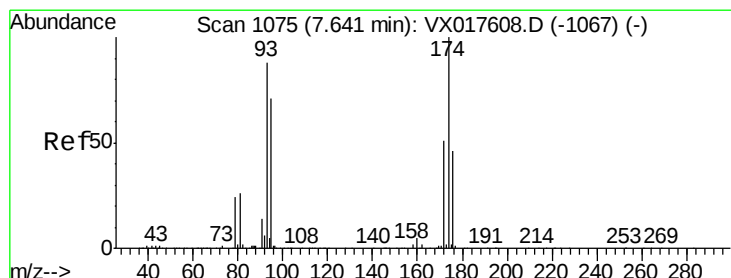
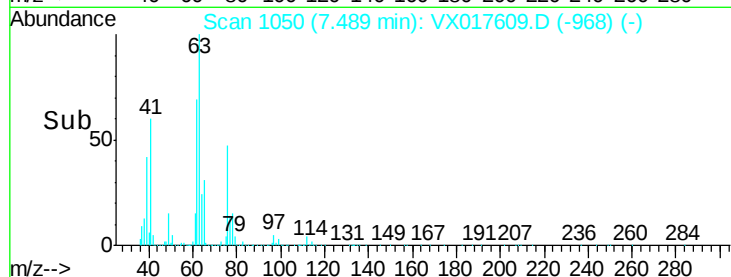
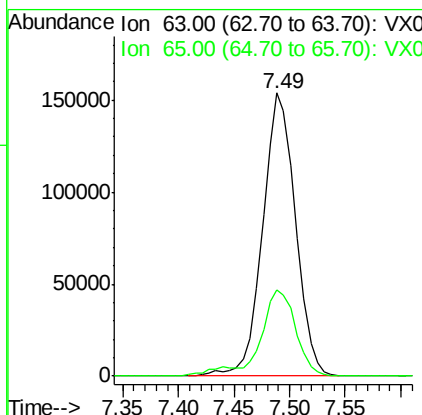
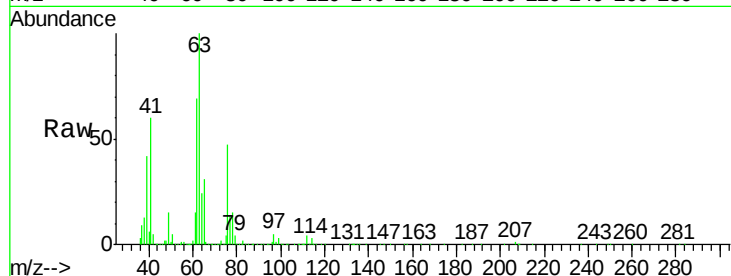
#39
 1,2-Dichloropropane
 Concen: 53.397 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	25.2	37.8

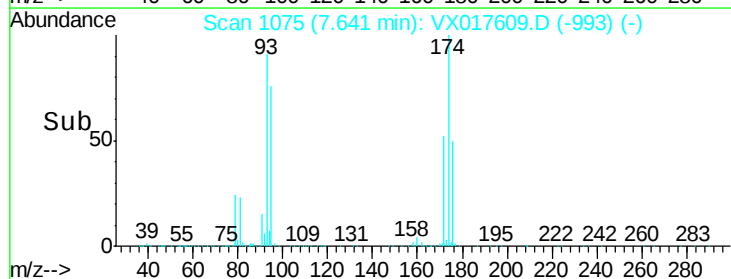
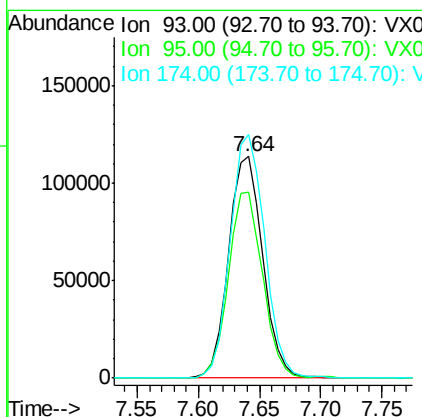
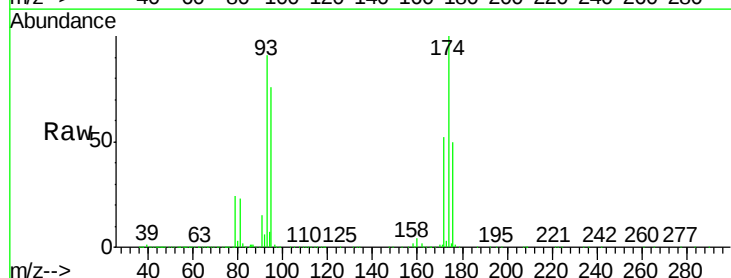
Manual Integrations
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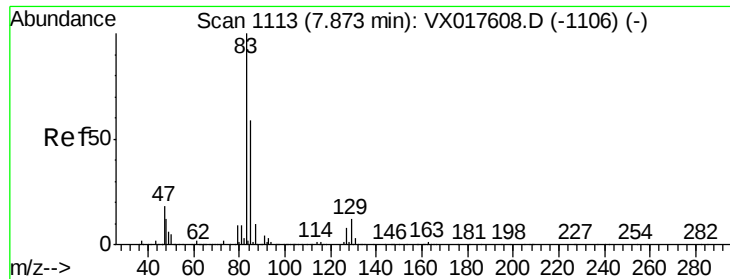
MMDadoda
 7/28/2020 10:31:41 AM



#40
 Dibromomethane
 Concen: 51.678 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	0.0	163.4
174	111.0	0.0	214.6





#41

Bromodichloromethane

Concen: 54.628 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

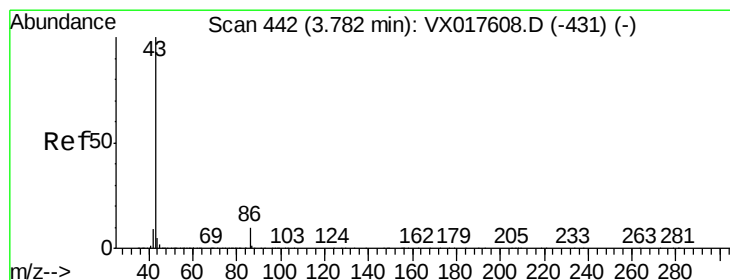
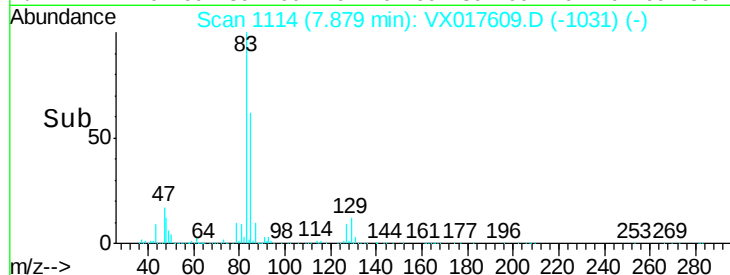
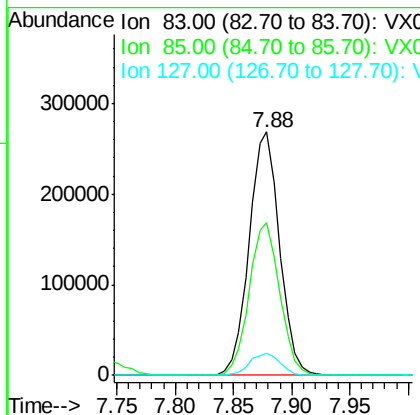
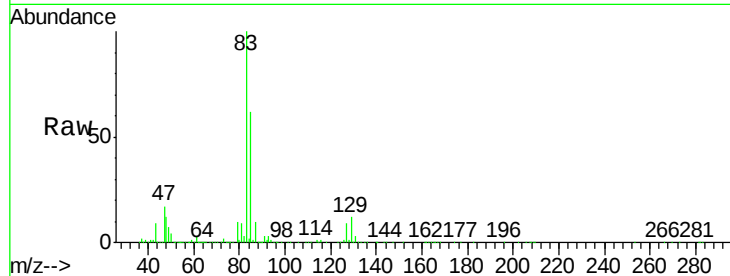
ClientSampleId :

VSTDIC050

Tot Ion:	83	Resp:	489692
Ion Ratio	Lower	Upper	
83	100		
85	62.4	47.4	71.0
127	9.3	6.3	9.5

Manual Integrations
APPROVED

MMDadoda
7/28/2020 10:31:41 AM



#42

Vinyl Acetate

Concen: 227.316 ug/l

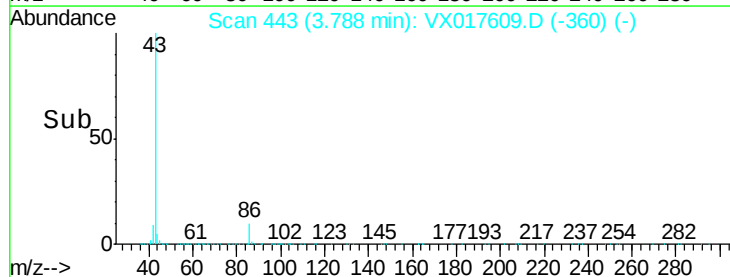
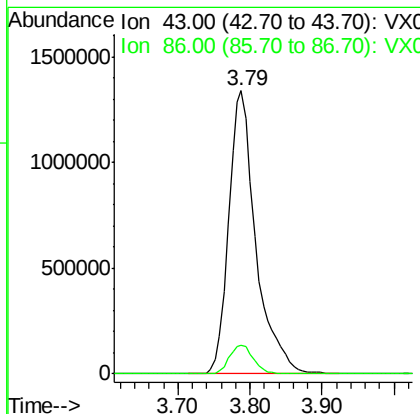
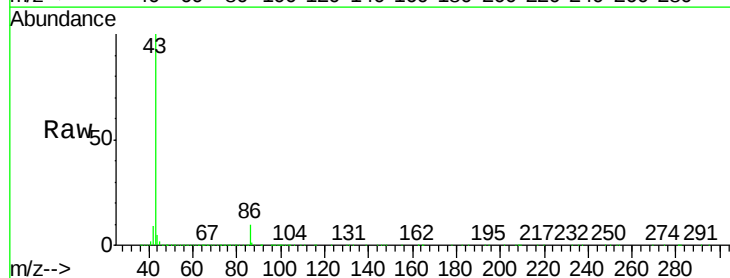
RT: 3.79 min Scan# 443

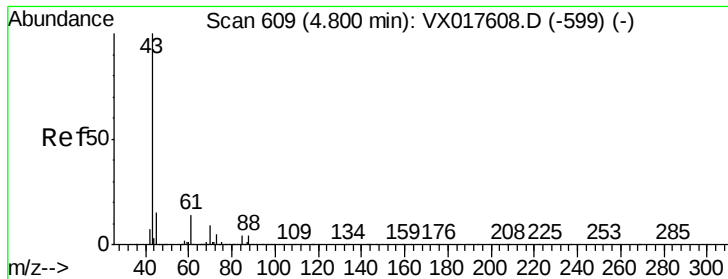
Delta R.T. 0.01 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Tgt Ion:	43	Resp:	3510281
Ion Ratio	Lower	Upper	
43	100		
86	9.0	7.0	10.6





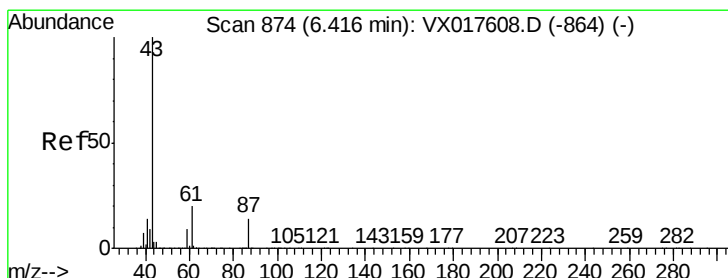
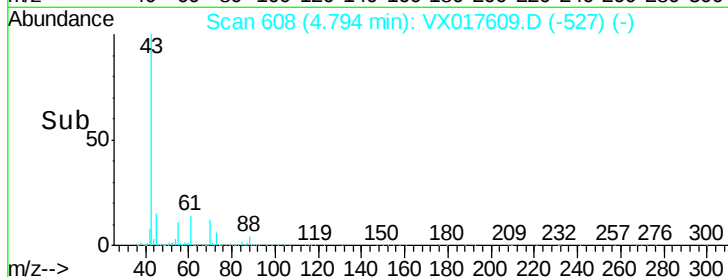
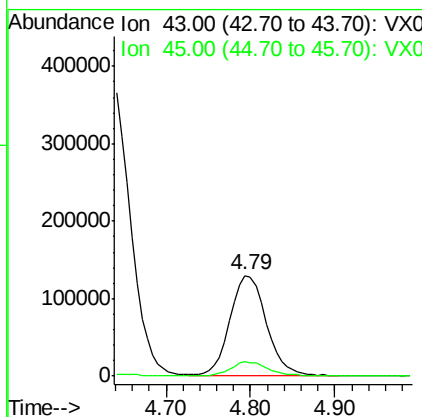
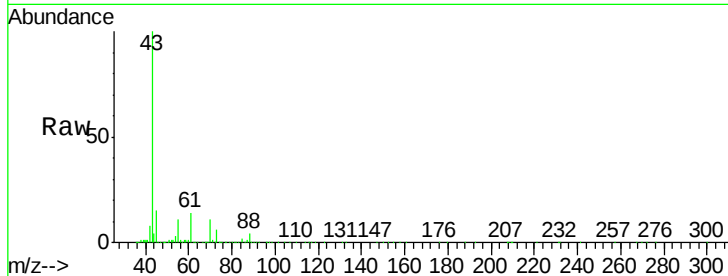
#43
Ethyl Acetate
Concen: 47.645 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.6	11.4	17.2

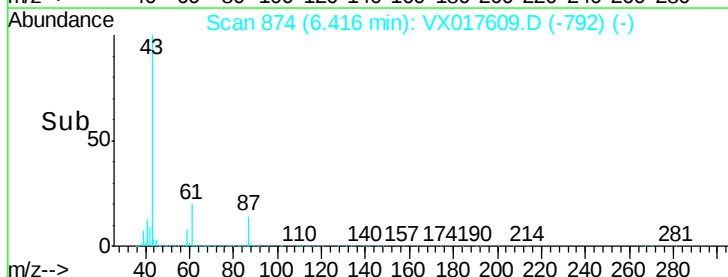
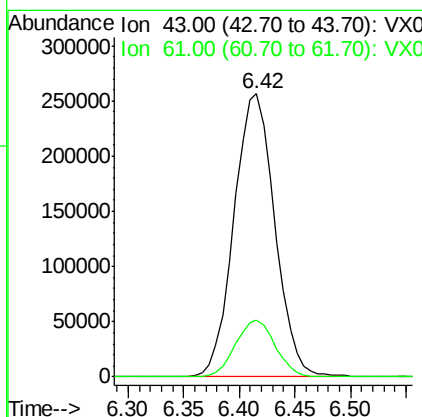
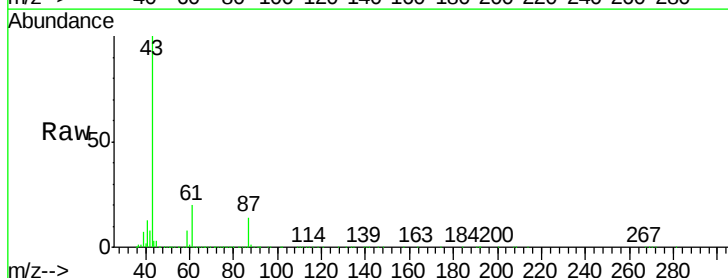
Manual Integrations
APPROVED

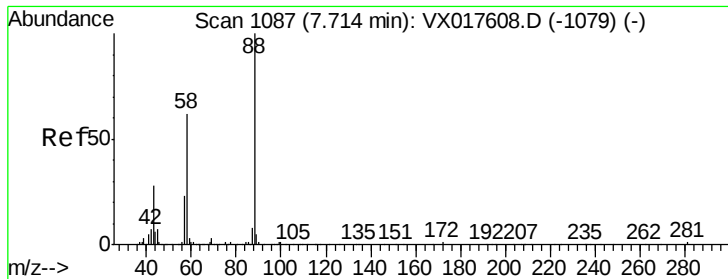
MMDadoda
7/28/2020 10:31:41 AM



#44
Isopropyl Acetate
Concen: 48.316 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.9	23.9





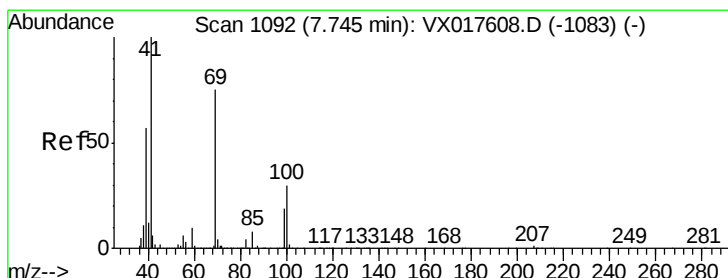
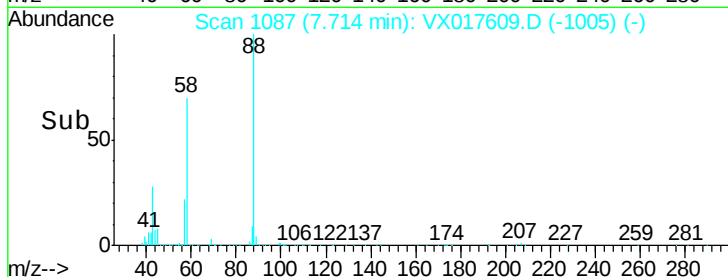
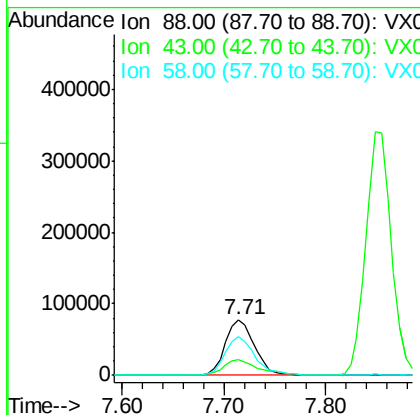
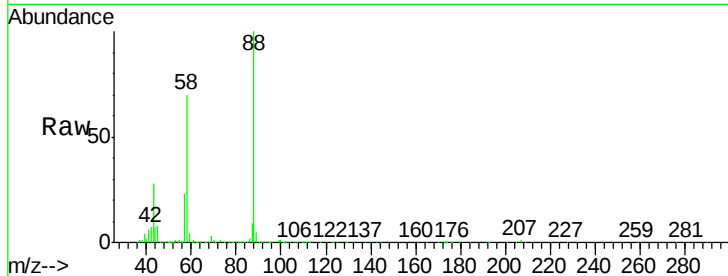
#45
1,4-Dioxane
Concen: 1182.986 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	29.0	43.6
58	69.9	55.6	83.4

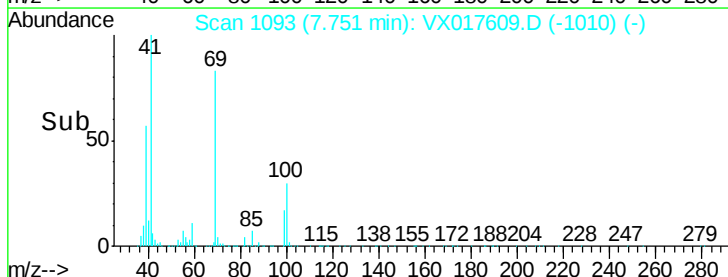
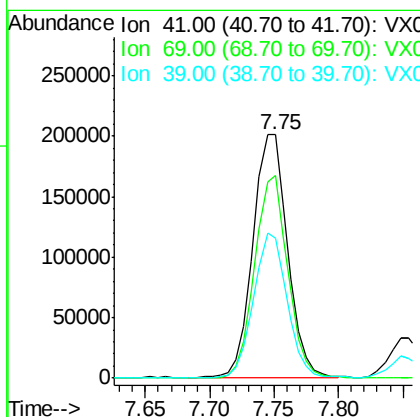
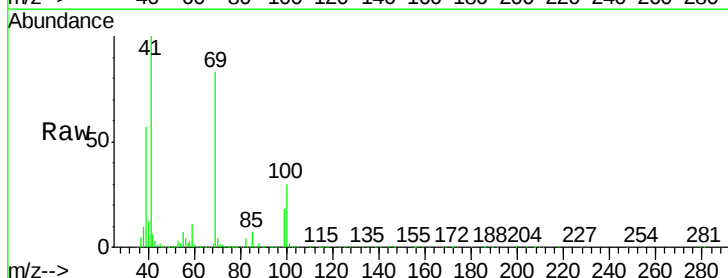
Manual Integrations
APPROVED

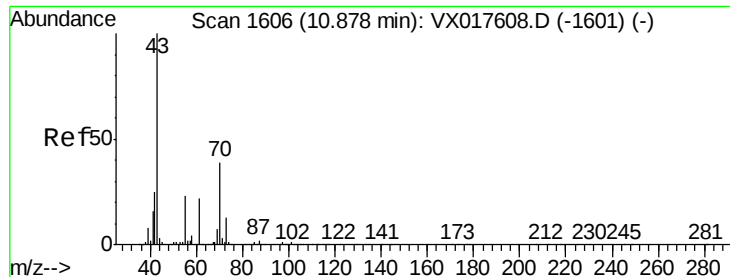
MMDadoda
7/28/2020 10:31:41 AM



#46
Methyl methacrylate
Concen: 56.836 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.0	37.4	112.1
39	57.4	28.7	86.1





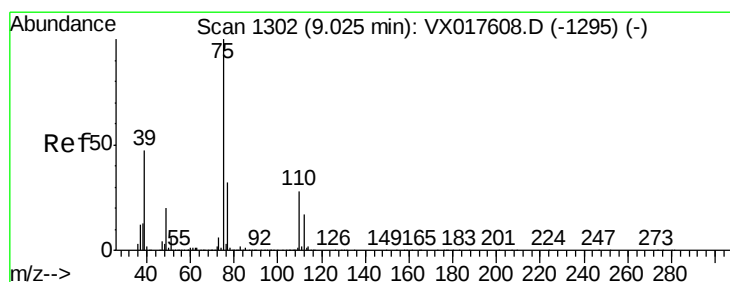
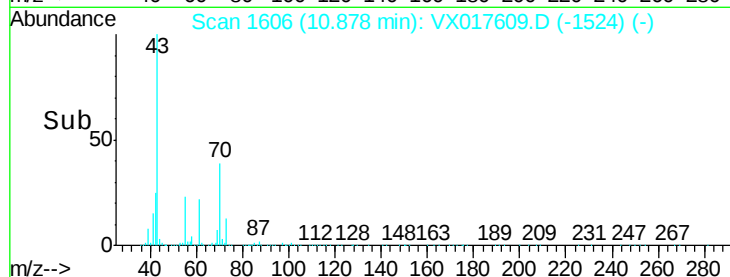
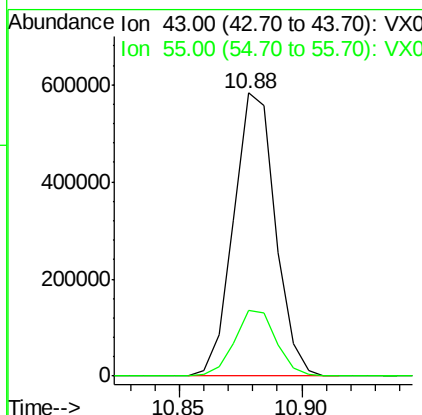
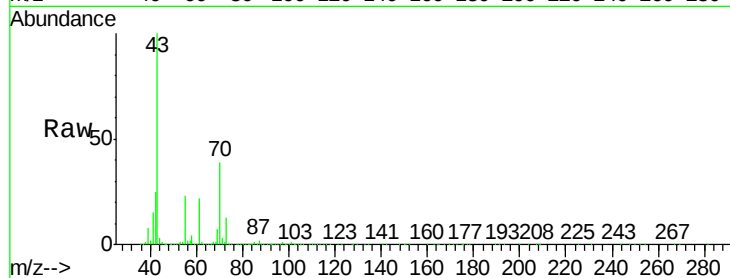
#47
n-amvl Acetate
Concen: 57.796 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
43	100		
55	23.5	19.5	29.3

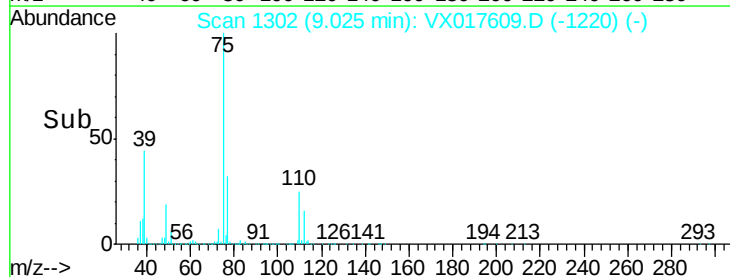
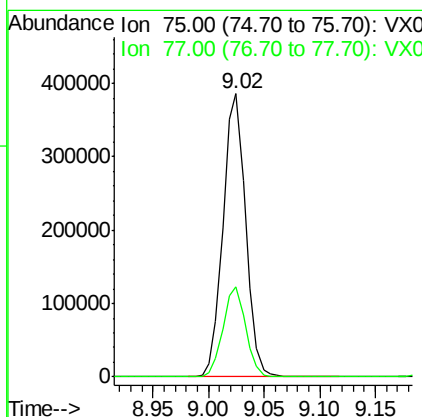
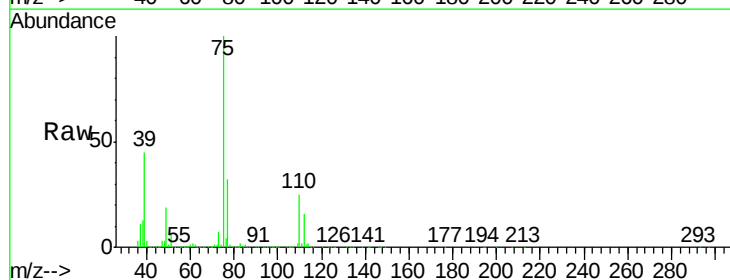
Manual Integrations
APPROVED

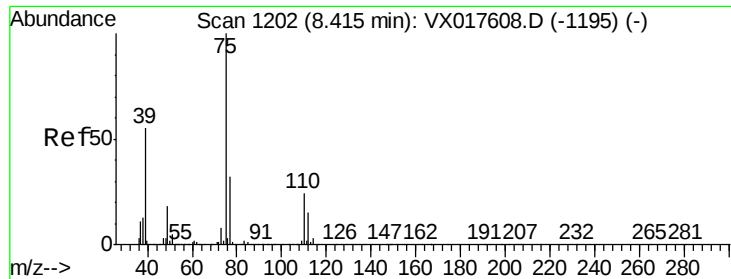
MMDadoda
7/28/2020 10:31:41 AM



#48
t-1,3-Dichloropropene
Concen: 54.566 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.6	38.4





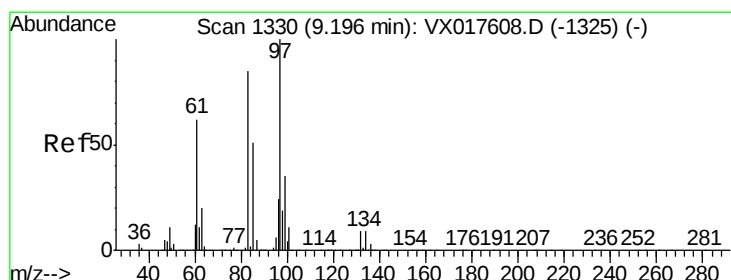
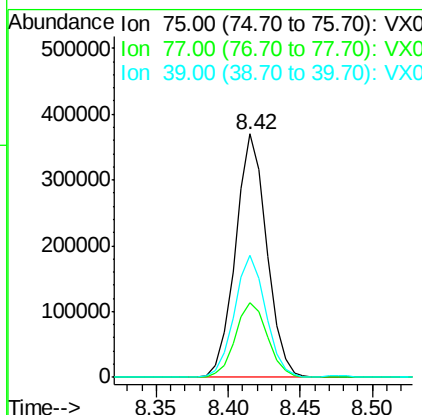
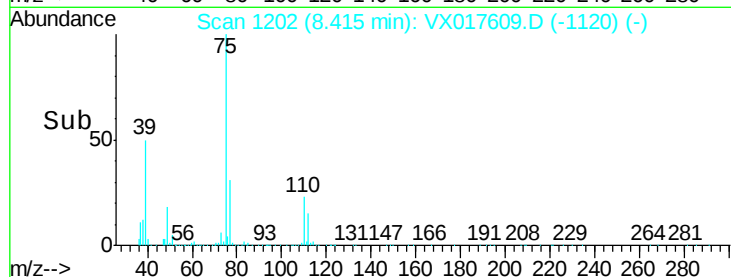
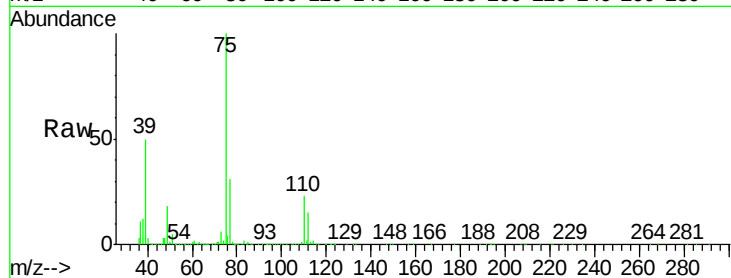
#49
 cis-1,3-Dichloropropene
 Concen: 53.497 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.4	38.0
39	50.2	43.6	65.4

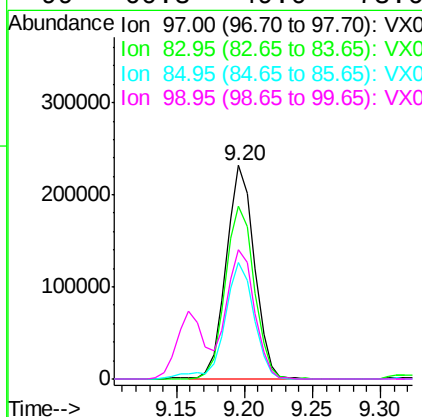
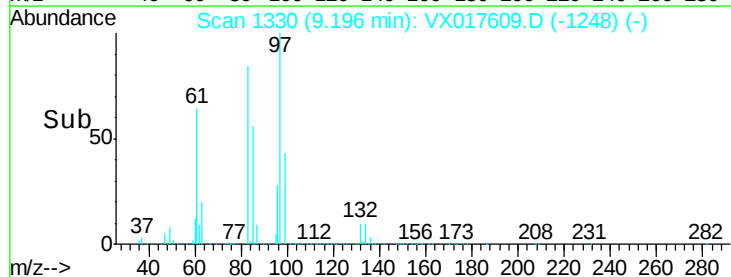
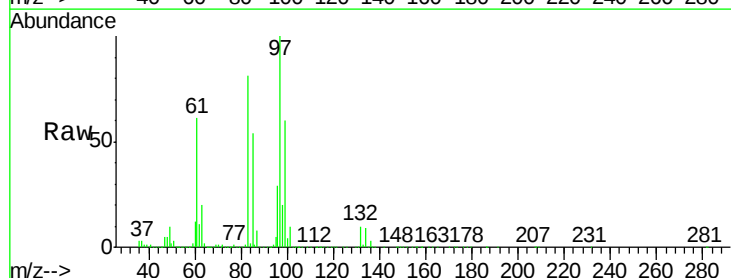
Manual Integrations
 APPROVED

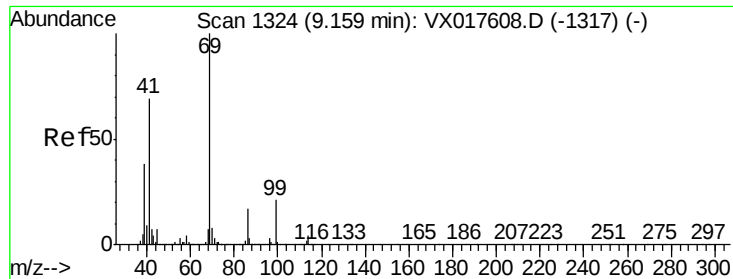
MMDadoda
 7/28/2020 10:31:41 AM



#50
 1,1,2-Trichloroethane
 Concen: 53.411 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.1	68.2	102.2
85	54.3	42.6	64.0
99	60.3	49.0	73.6





#51

Ethyl methacrylate

Concen: 54.301 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

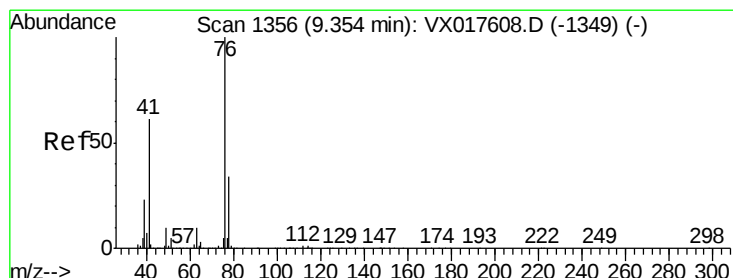
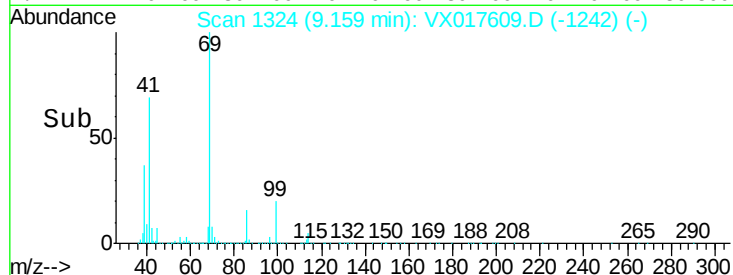
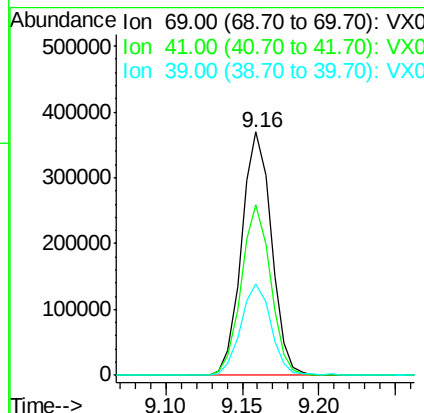
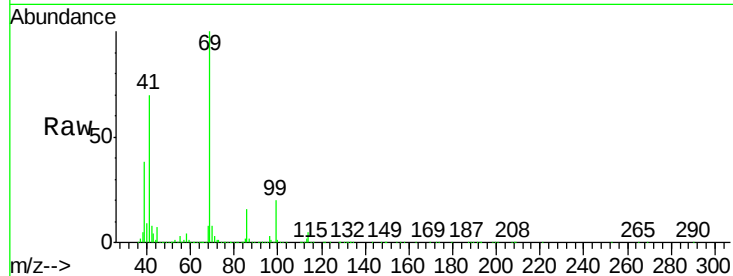
ClientSampleId :

VSTDIC050

Tot Ion:	69	Resp:	501558
Ion Ratio	Lower	Upper	
69	100		
41	70.1	34.4	103.2
39	37.5	19.1	57.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 52.872 ug/l

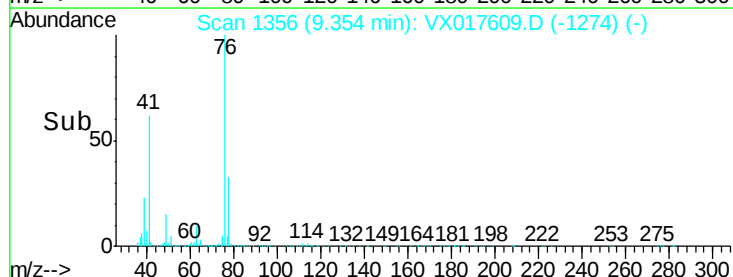
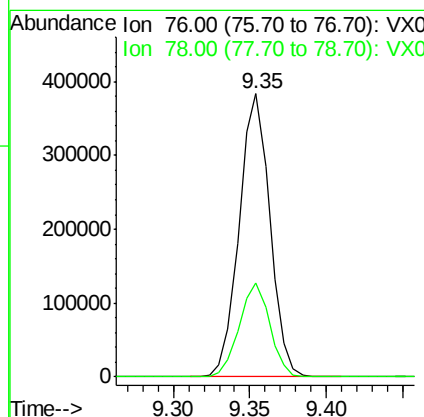
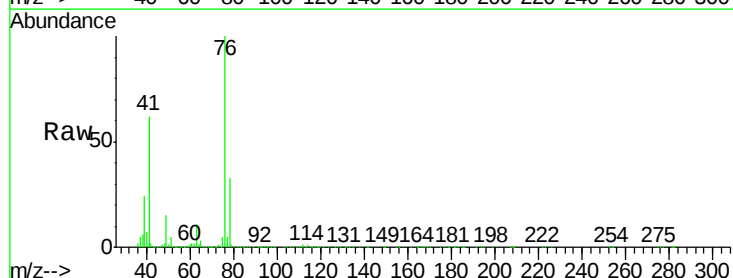
RT: 9.35 min Scan# 1356

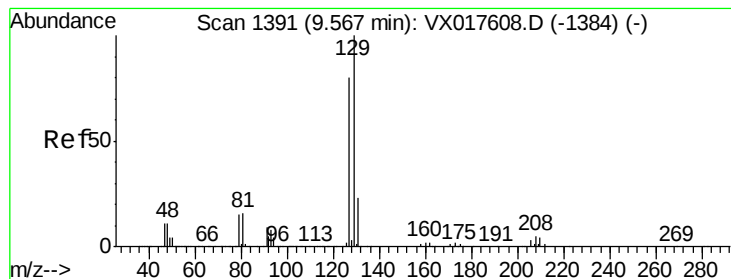
Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Tgt Ion:	76	Resp:	534786
Ion Ratio	Lower	Upper	
76	100		
78	33.0	0.0	65.4





#53

Dibromochloromethane

Concen: 55.239 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:129 Resp: 418599

Ion Ratio Lower Upper

129 100

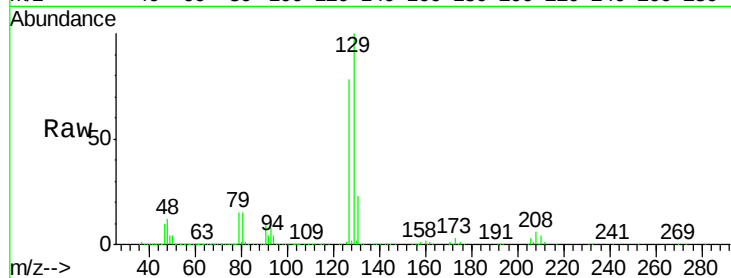
127 77.5 39.7 119.1

Manual Integrations

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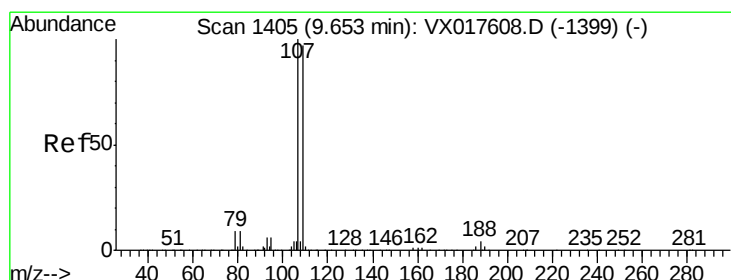
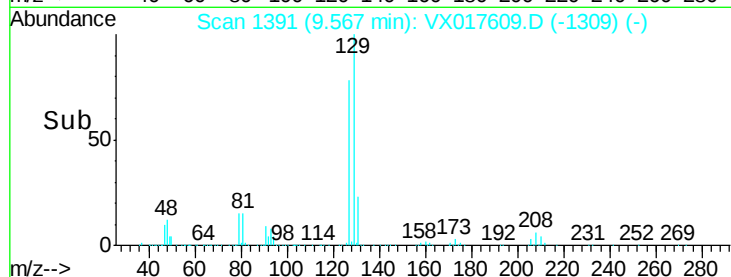
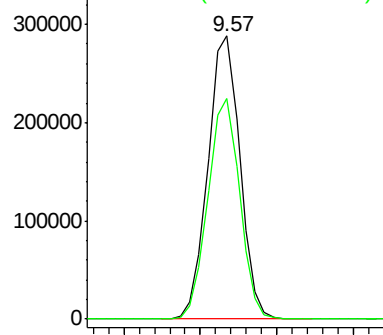
MMDadoda

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 52.791 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017609.D

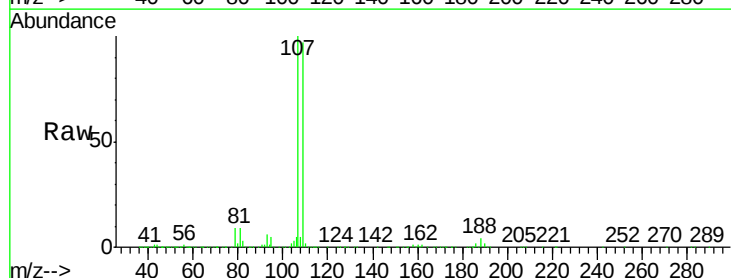
Acq: 27 Jul 2020 10:08

Tgt Ion:107 Resp: 351534

Ion Ratio Lower Upper

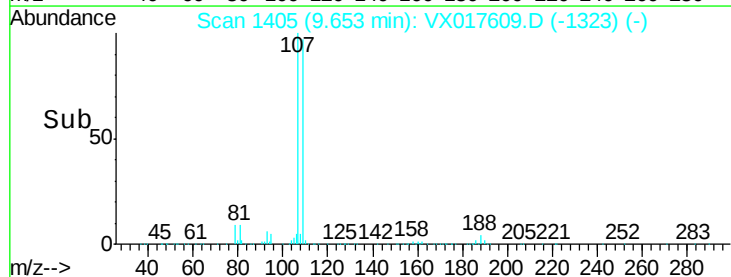
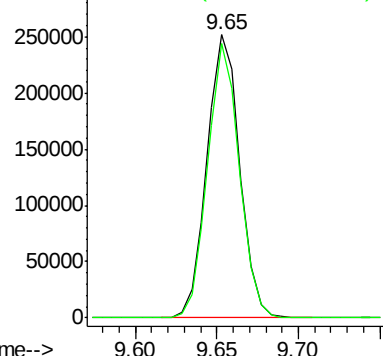
107 100

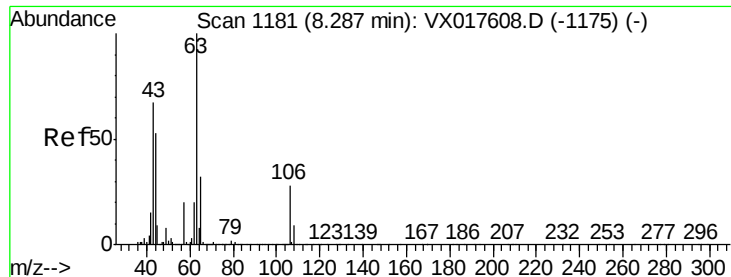
109 93.9 75.6 113.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





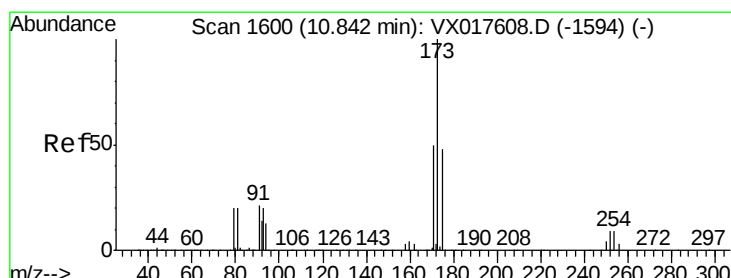
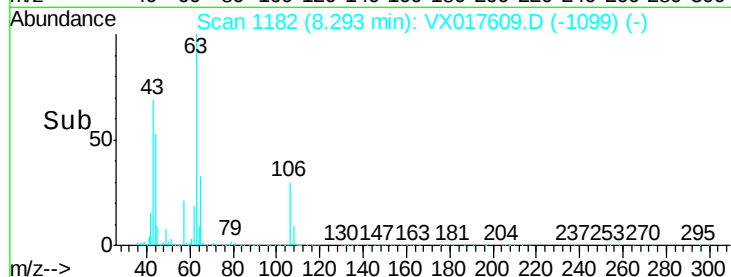
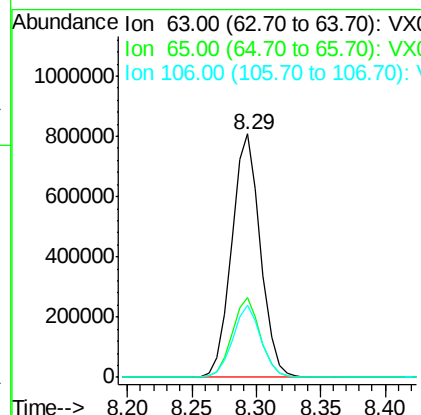
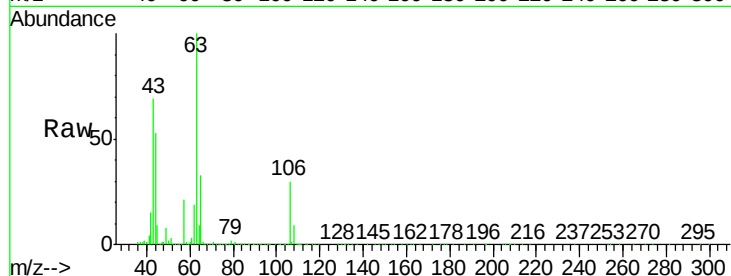
#55
 2-Chloroethyl vinyl ether
 Concen: 289.486 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.5	38.3
106	29.1	22.9	34.3

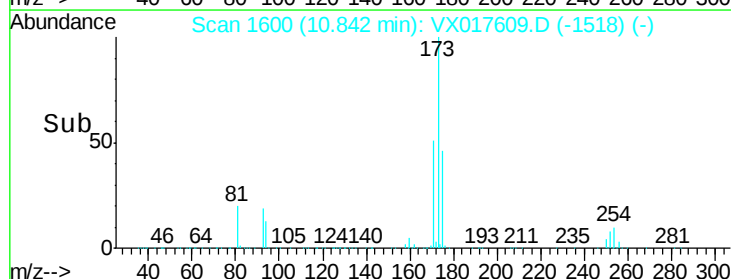
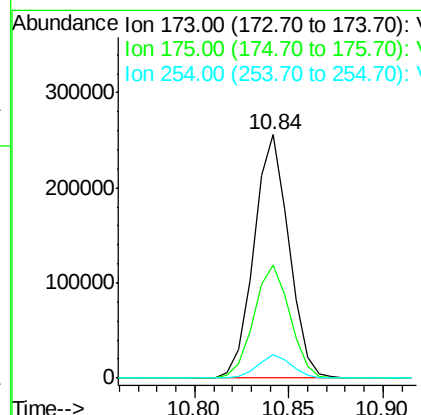
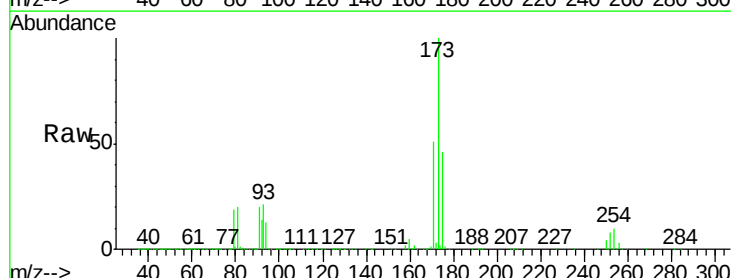
Manual Integrations
 APPROVED

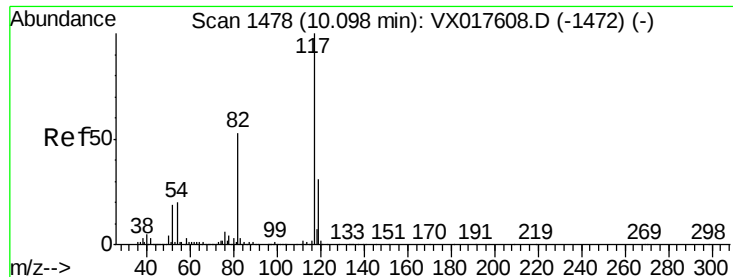
MMDadoda
 7/28/2020 10:31:41 AM



#56
 Bromoform
 Concen: 54.958 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.8	38.2	57.4
254	9.6	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: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

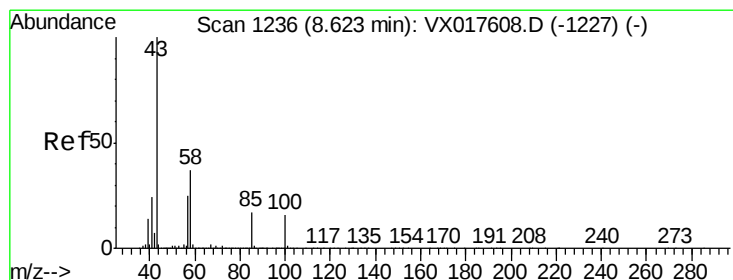
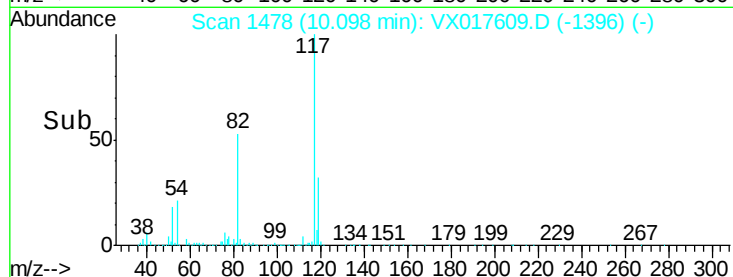
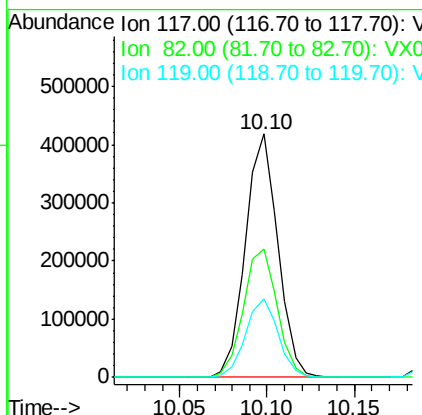
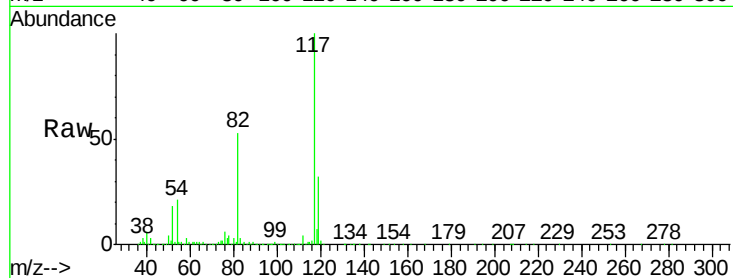
ClientSampleId :

VSTDIC050

Tot Ion:	117	Resp:	540190
Ion Ratio	Lower	Upper	
117	100		
82	54.9	43.6	65.4
119	32.3	25.7	38.5

Manual Integrations
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7/28/2020 10:31:41 AM



#58

4-Methyl-2-Pentanone

Concen: 256.054 ug/l

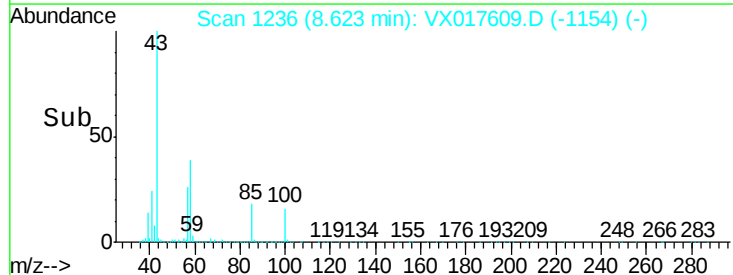
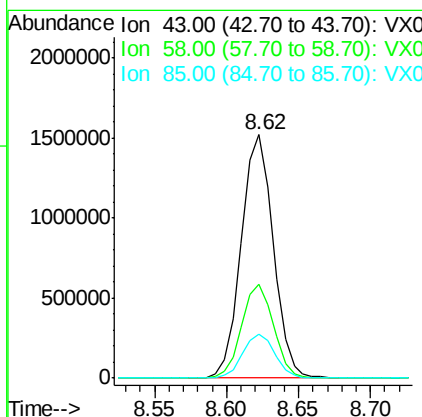
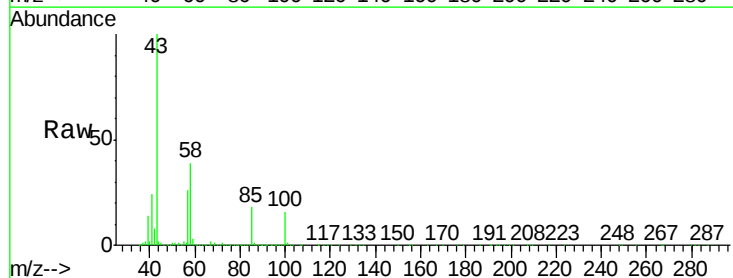
RT: 8.62 min Scan# 1236

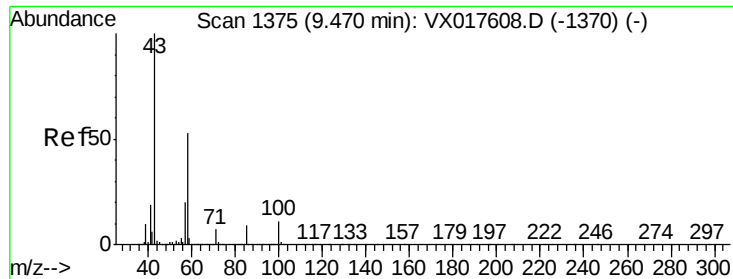
Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Tgt Ion:	43	Resp:	2352398
Ion Ratio	Lower	Upper	
43	100		
58	38.2	30.5	45.7
85	18.0	14.2	21.2





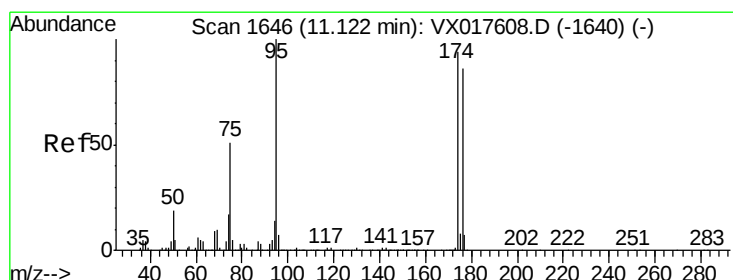
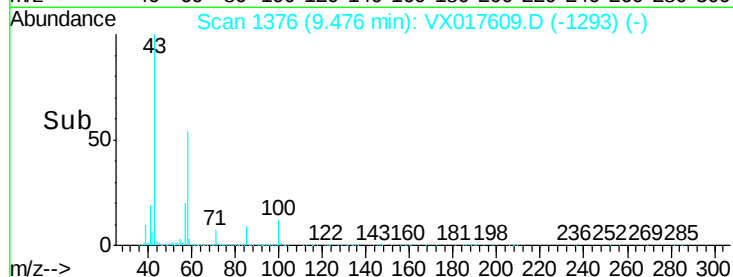
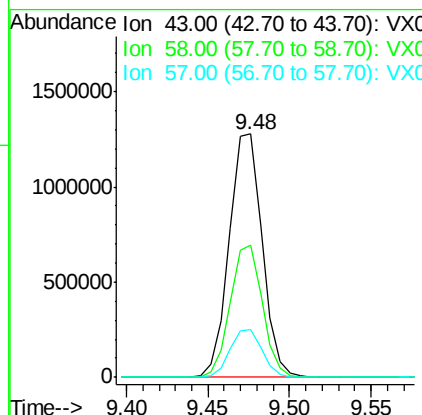
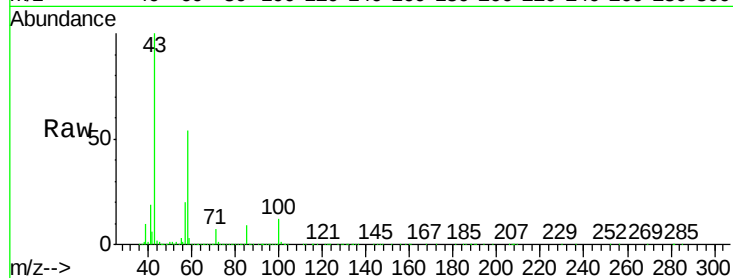
#59
2-Hexanone
Concen: 268.388 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.9	42.9	64.3
57	19.3	16.1	24.1

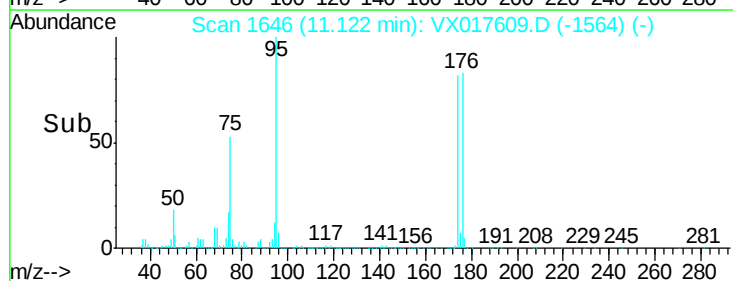
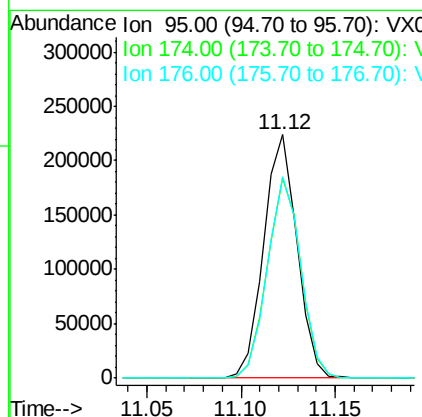
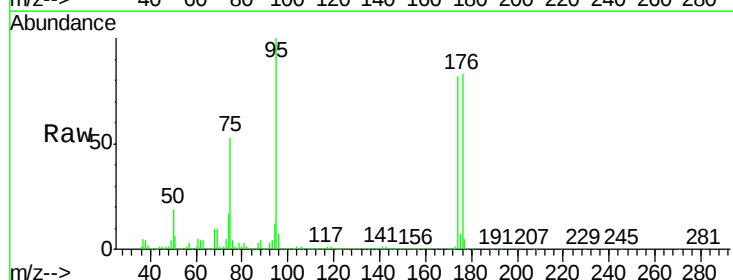
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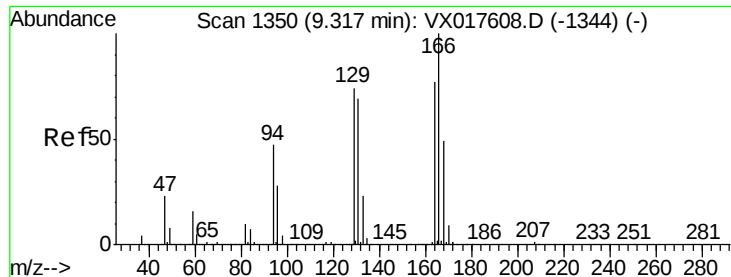
MMDadoda
7/28/2020 10:31:41 AM



#60
4-Bromofluorobenzene
Concen: 29.362 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.8	70.2	105.2
176	82.9	65.6	98.4





#61

Tetrachloroethene

Concen: 50.674 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:164 Resp: 363681

Ion Ratio Lower Upper

164 100

166 125.8 104.4 156.6

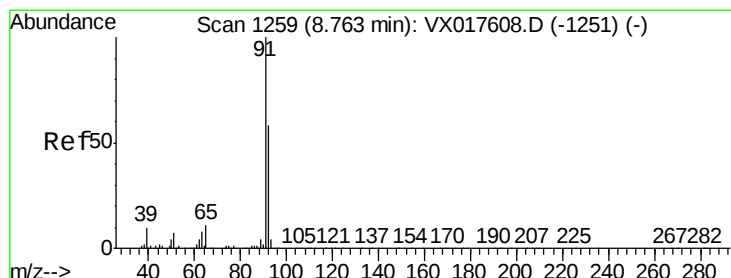
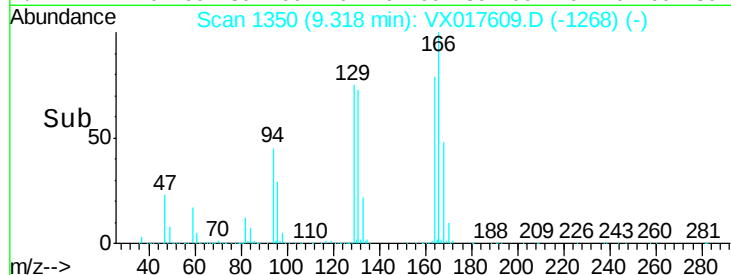
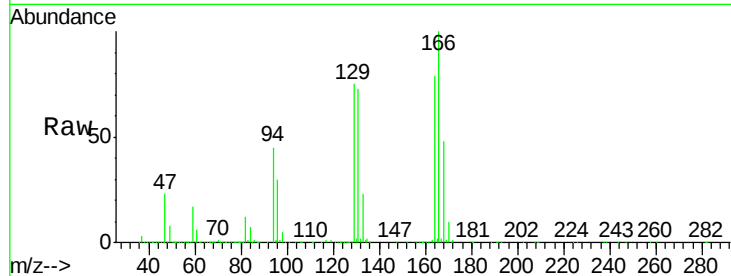
129 93.8 77.0 115.4

131 92.1 72.3 108.5

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#62

Toluene

Concen: 48.320 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017609.D

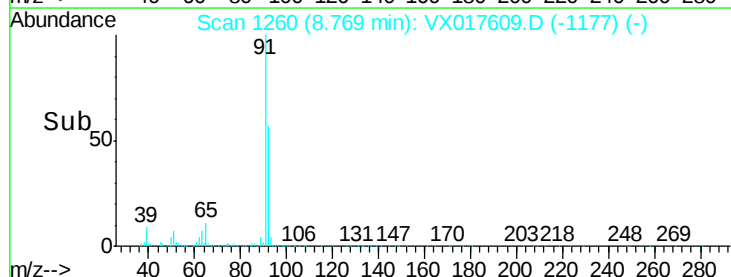
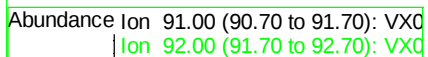
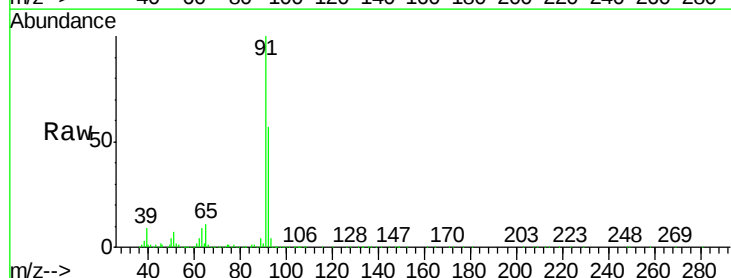
Acq: 27 Jul 2020 10:08

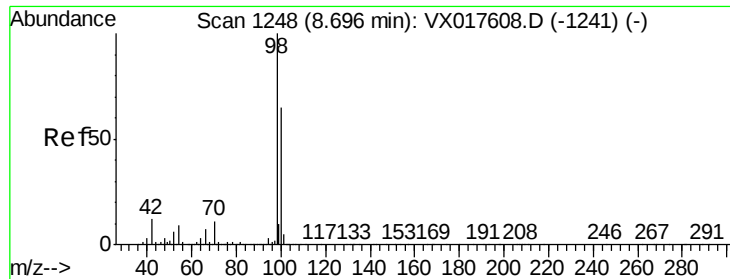
Tgt Ion: 91 Resp: 1303859

Ion Ratio Lower Upper

91 100

92 58.0 46.9 70.3





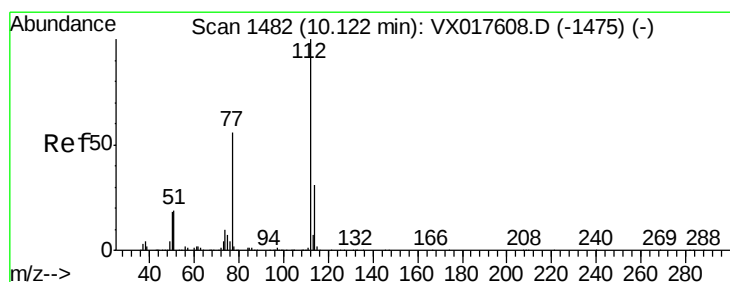
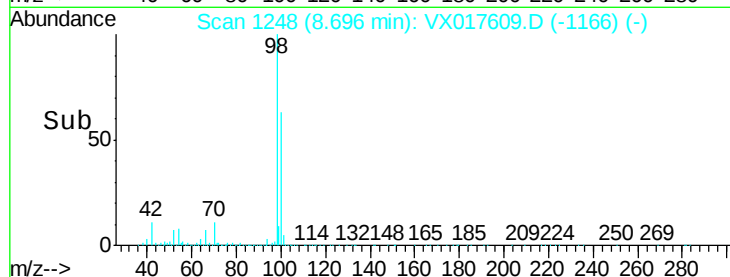
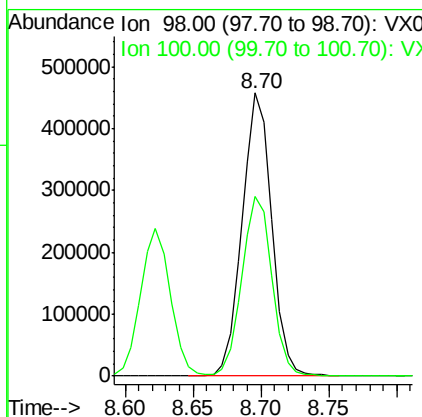
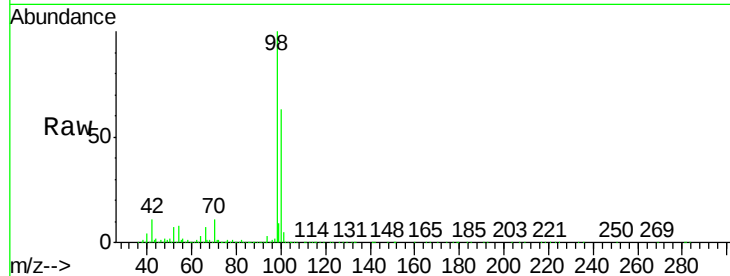
#63
Toluene-d8
Concen: 29.487 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	64.5	51.9	77.9	

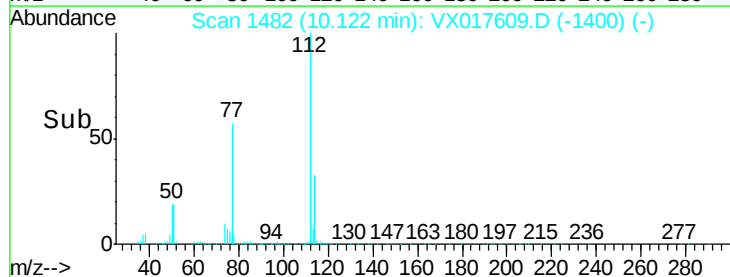
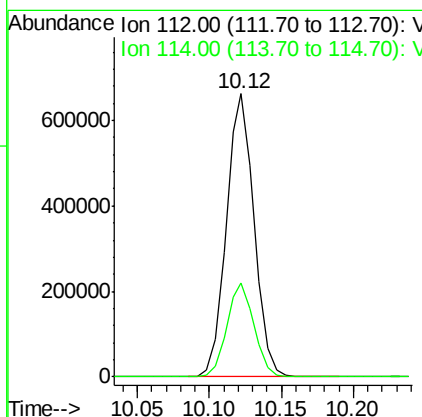
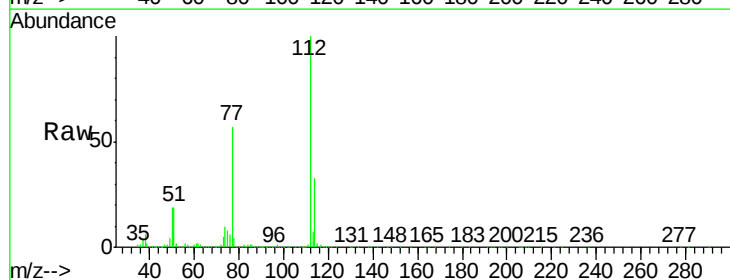
Manual Integrations
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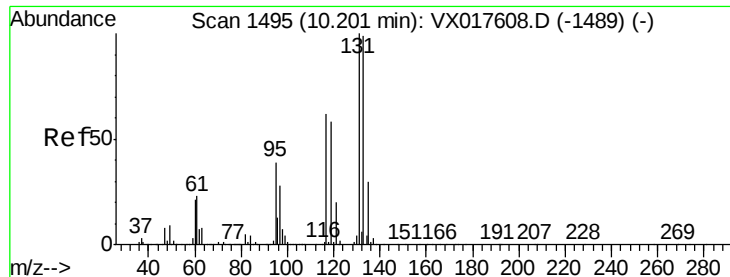
MMDadoda
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#64
Chlorobenzene
Concen: 51.210 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion	Ion	Ratio	Lower	Upper
112	100			
114	33.0	24.4	36.6	





#65

1,1,1,2-Tetrachloroethane

Concen: 51.641 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

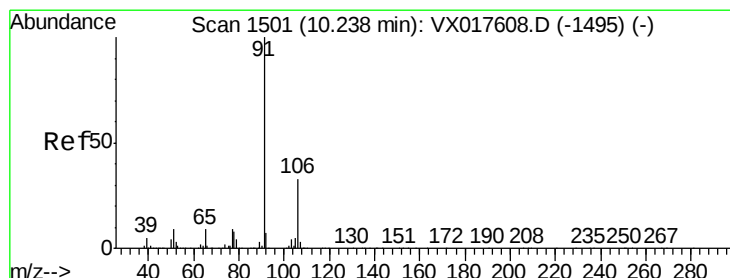
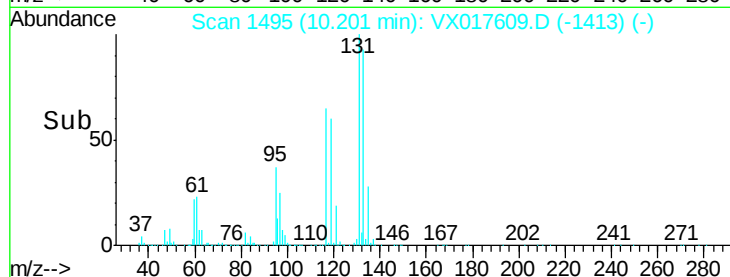
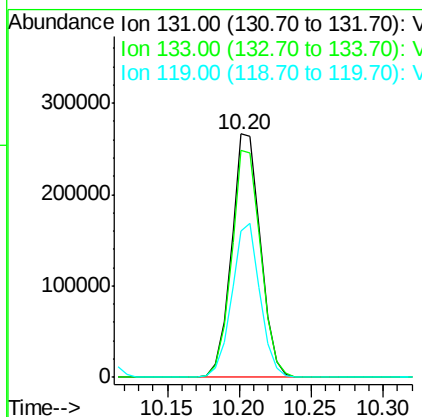
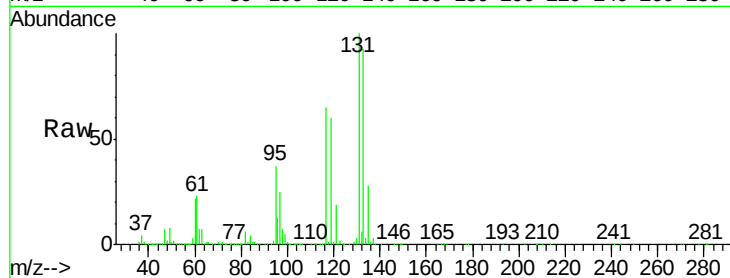
ClientSampleId :

VSTDIC050

Tot Ion:	131	Resp:	373903
Ion Ratio	Lower	Upper	
131	100		
133	93.6	0.0	189.8
119	61.2	0.0	119.6

Manual Integrations
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#66

Ethyl Benzene

Concen: 52.129 ug/l

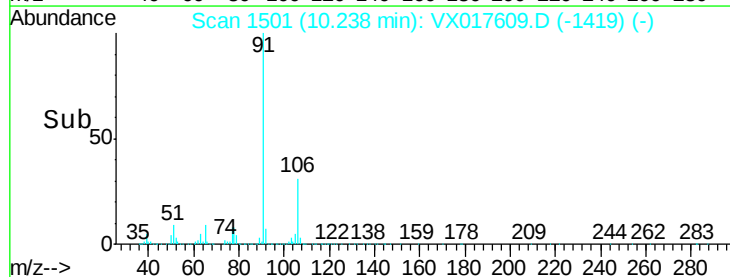
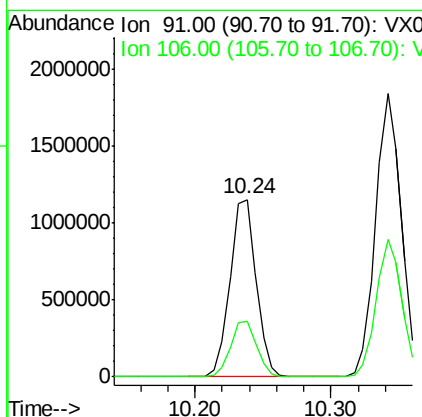
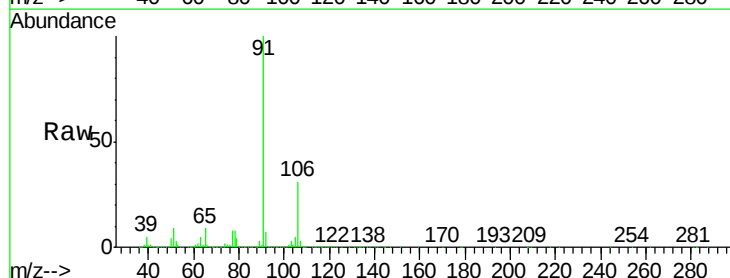
RT: 10.24 min Scan# 1501

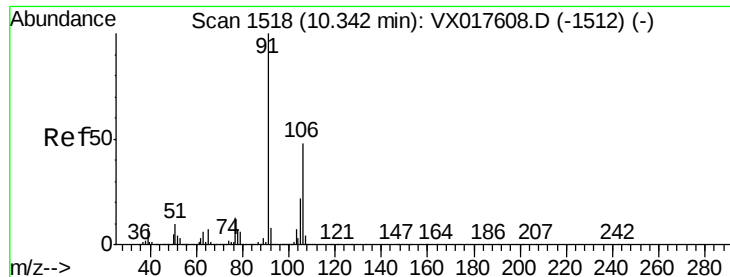
Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Tgt Ion:	91	Resp:	1546708
Ion Ratio	Lower	Upper	
91	100		
106	31.0	26.2	39.2





#67

m/p-Xylenes

Concen: 102.840 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:106 Resp: 1170751

Ion Ratio Lower Upper

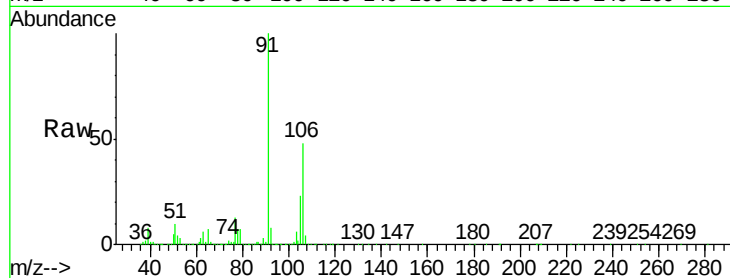
106 100

91 206.4 166.6 249.8

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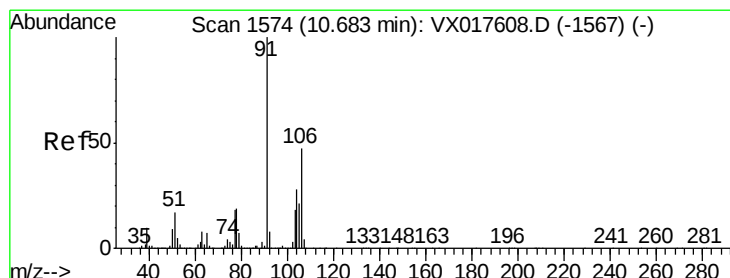
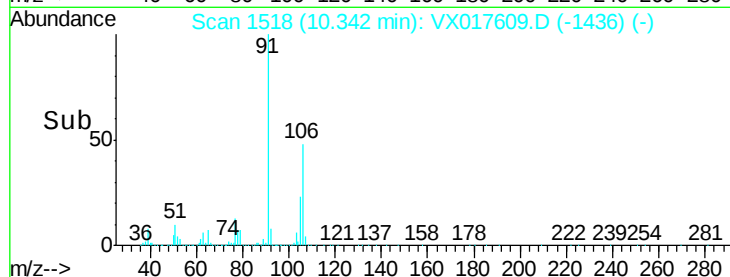
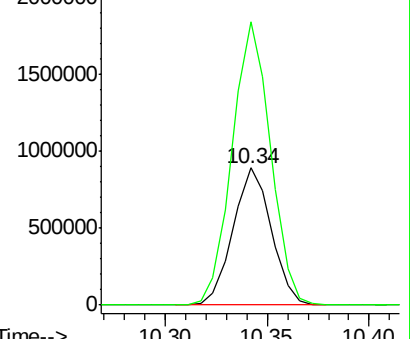
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 52.613 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017609.D

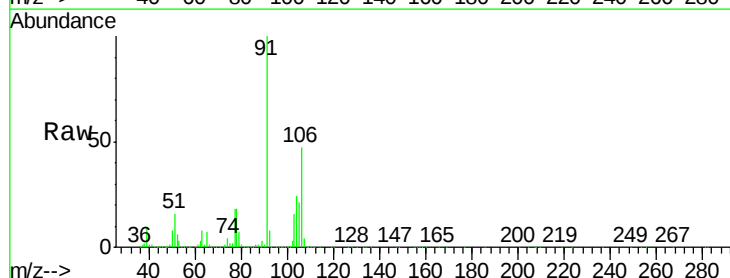
Acq: 27 Jul 2020 10:08

Tgt Ion:106 Resp: 576296

Ion Ratio Lower Upper

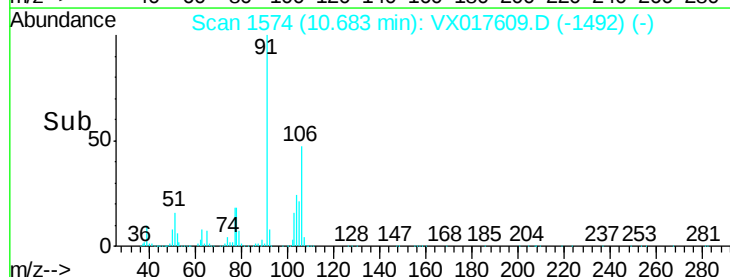
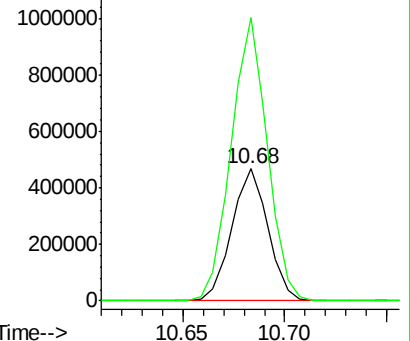
106 100

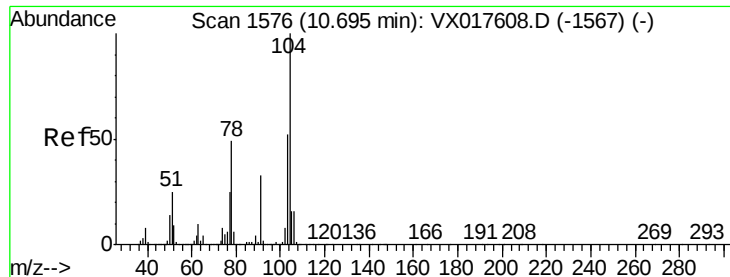
91 213.3 105.8 317.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





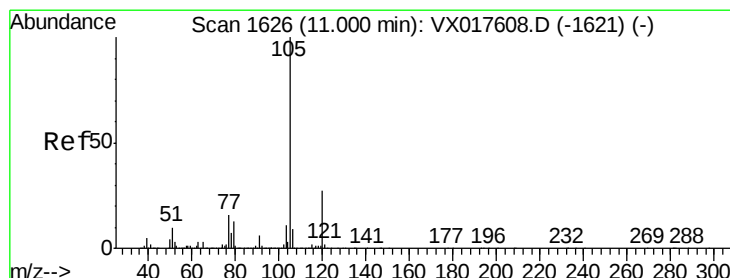
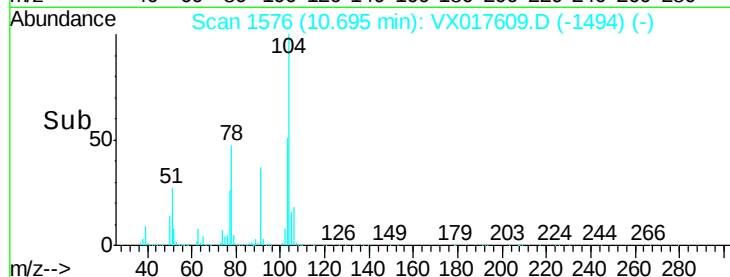
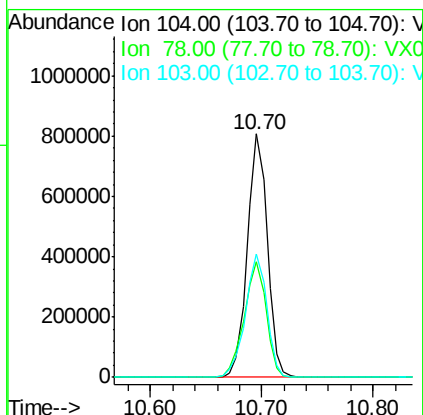
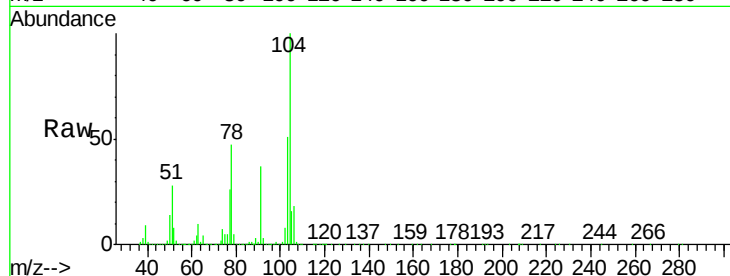
#69
Stvrene
Concen: 52.024 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.4	41.7	62.5
103	54.6	43.4	65.2

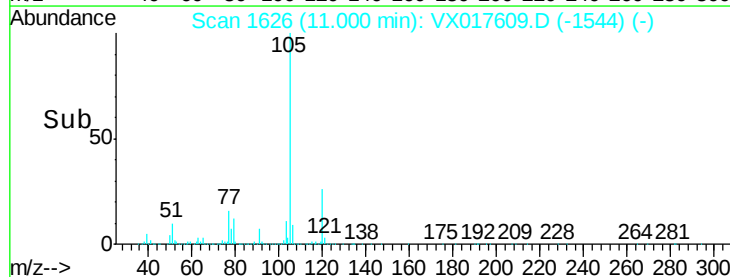
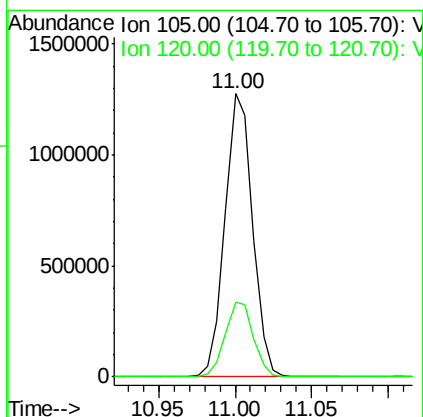
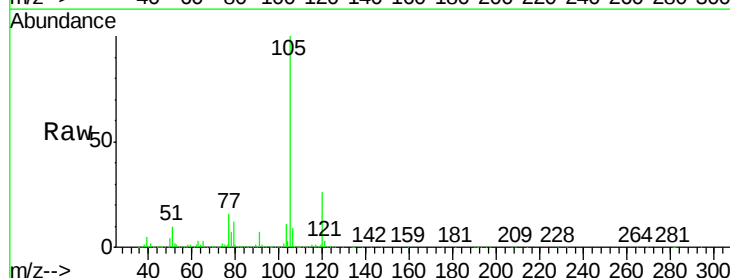
Manual Integrations
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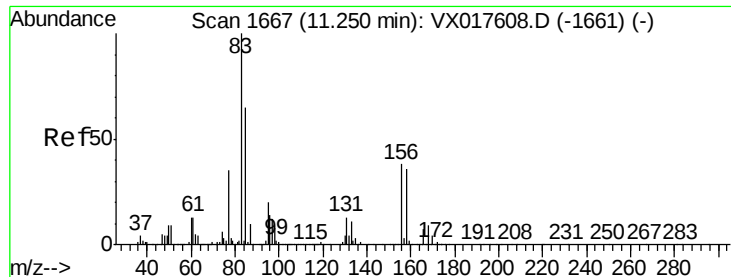
MMDadoda
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#70
Isopropylbenzene
Concen: 51.734 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	18.7	34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 49.264 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 83 Resp: 460848

Ion Ratio Lower Upper

83 100

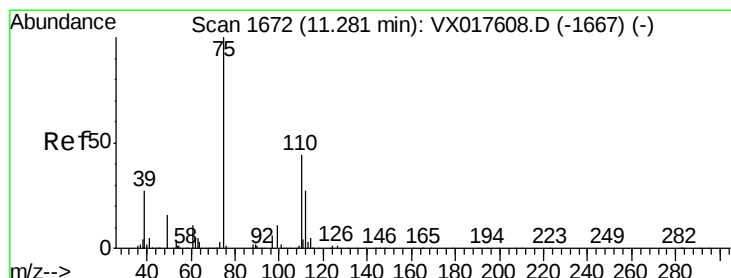
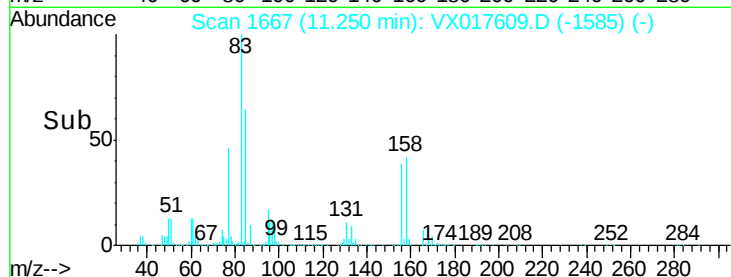
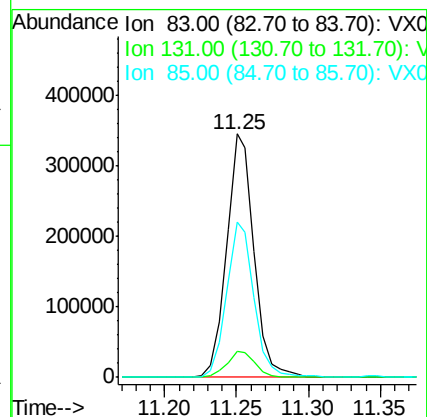
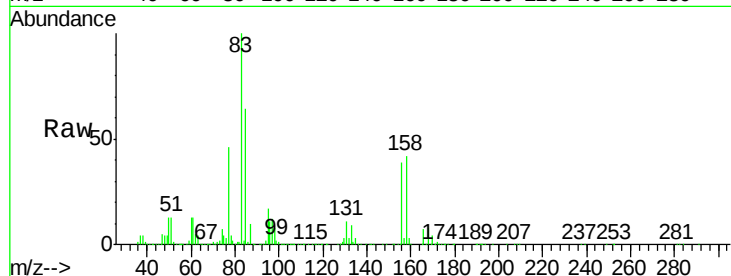
131 11.0 5.9 17.8

85 64.1 32.7 98.1

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#72

1,2,3-Trichloropropane

Concen: 50.070 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017609.D

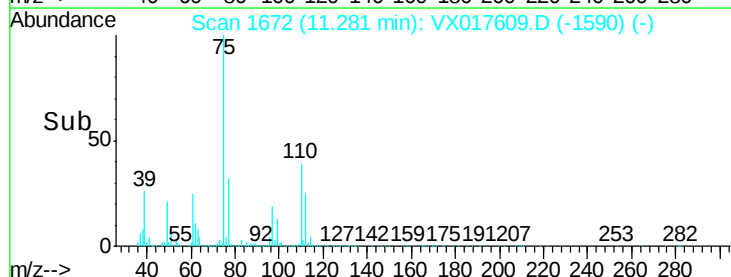
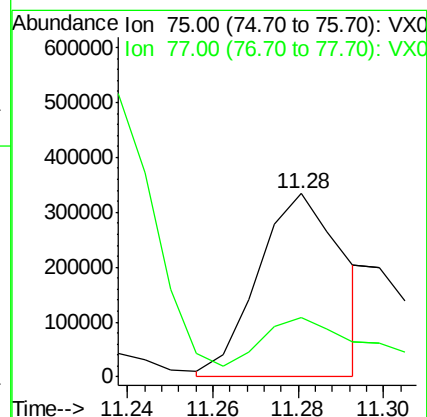
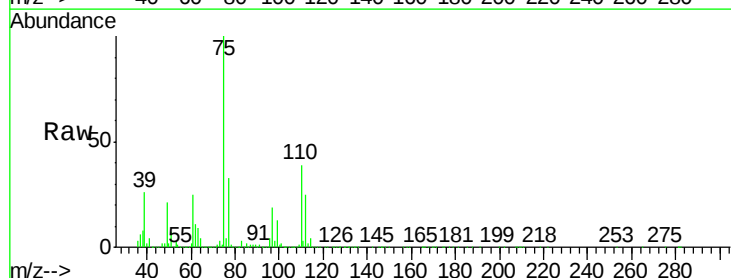
Acq: 27 Jul 2020 10:08

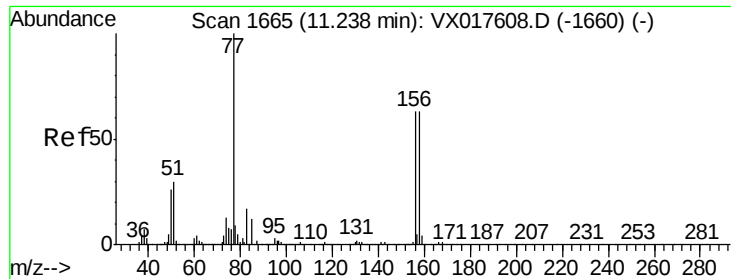
Tgt Ion: 75 Resp: 461907

Ion Ratio Lower Upper

75 100

77 39.7 0.0 73.2





#73

Bromobenzene

Concen: 49.705 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

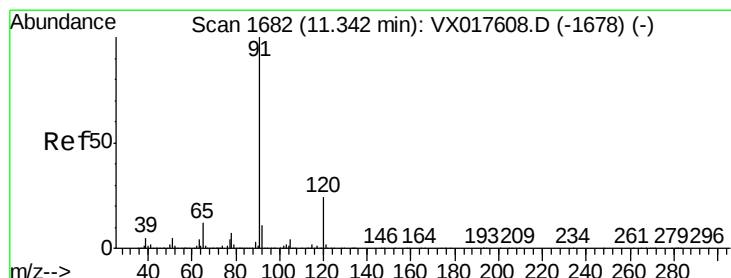
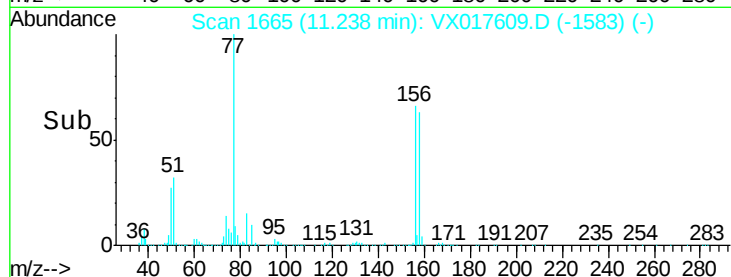
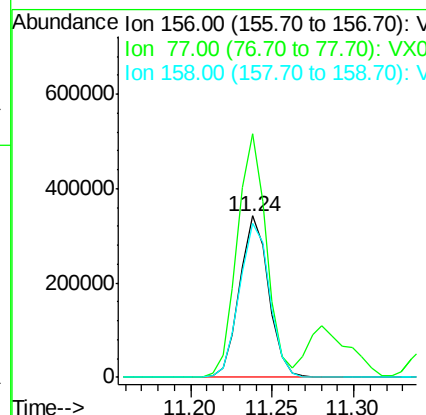
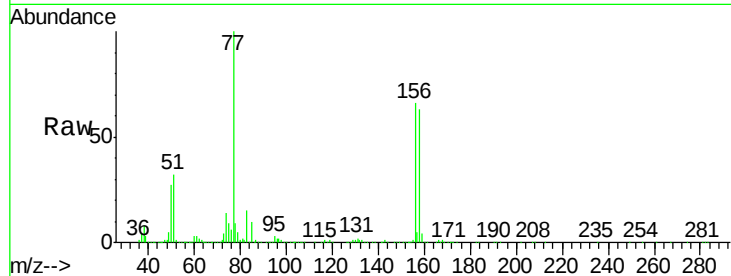
ClientSampleId :

VSTDIC050

Tot Ion:	156	Resp:	424854
Ion Ratio	Lower	Upper	
156	100		
77	151.1	0.0	302.0
158	99.3	0.0	199.6

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#74

n-propylbenzene

Concen: 52.348 ug/l

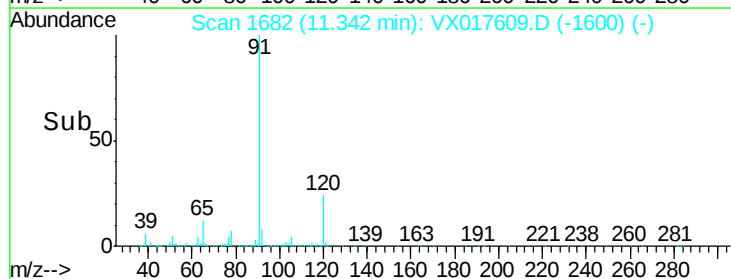
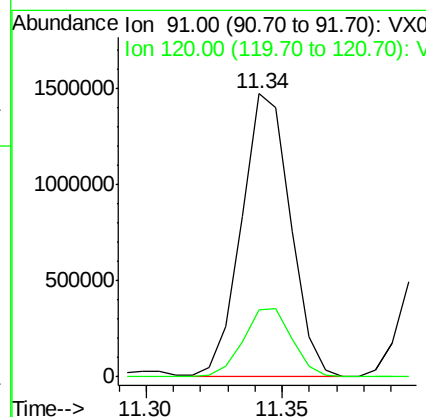
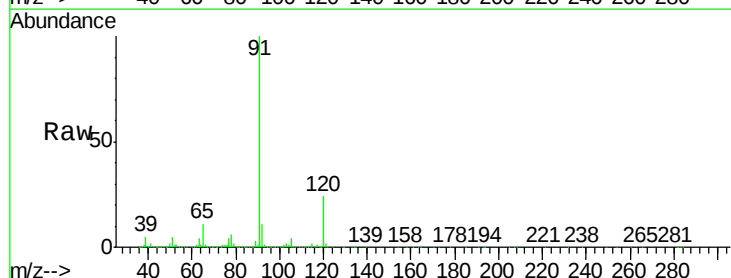
RT: 11.34 min Scan# 1682

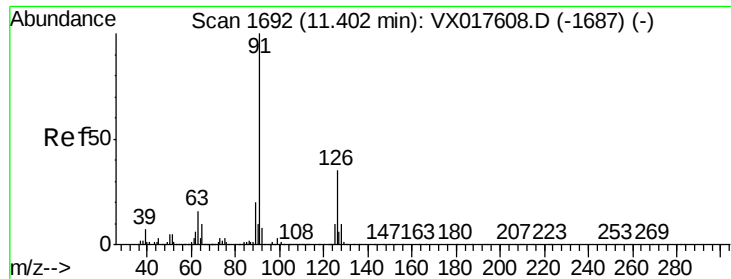
Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Tgt Ion:	91	Resp:	1837233
Ion Ratio	Lower	Upper	
91	100		
120	24.2	0.0	48.0





#75

2-Chlorotoluene

Concen: 51.801 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 91 Resp: 1100545

Ion Ratio Lower Upper

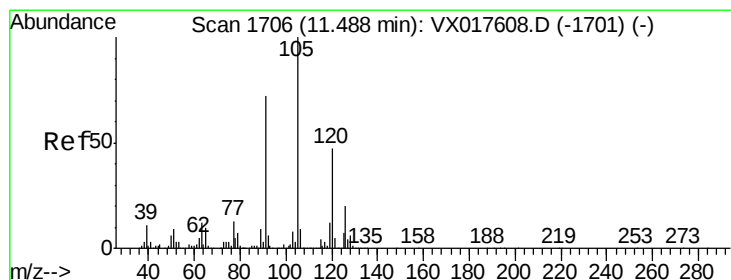
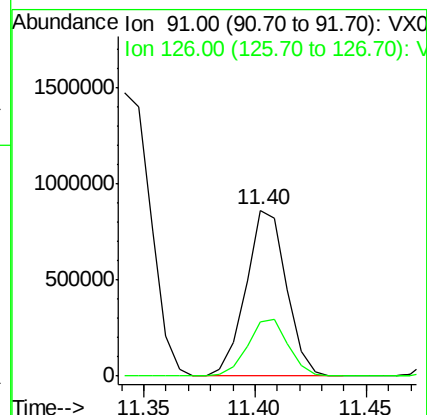
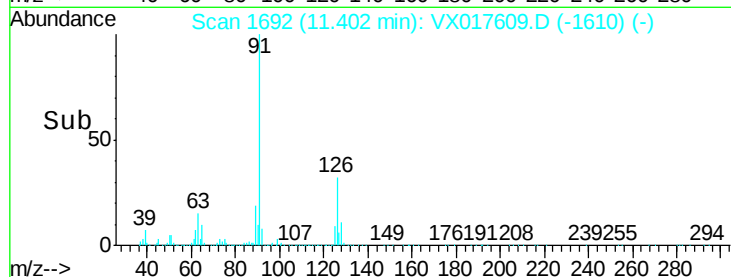
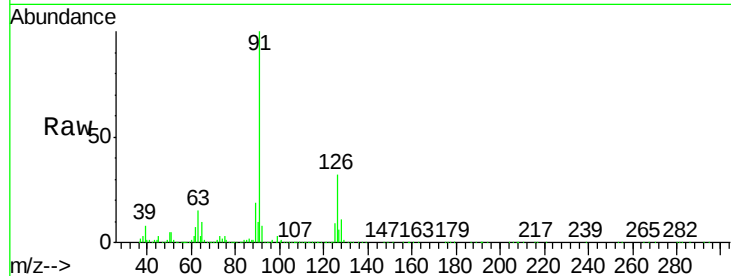
91 100

126 34.4 0.0 67.8

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#76

1,3,5-Trimethylbenzene

Concen: 53.360 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX017609.D

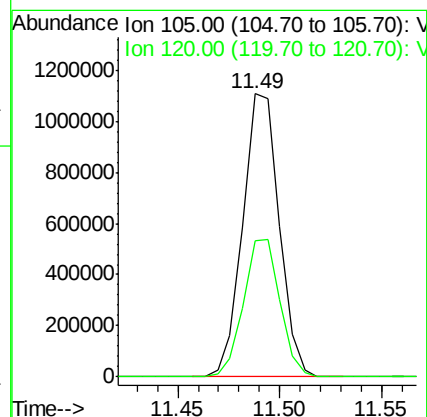
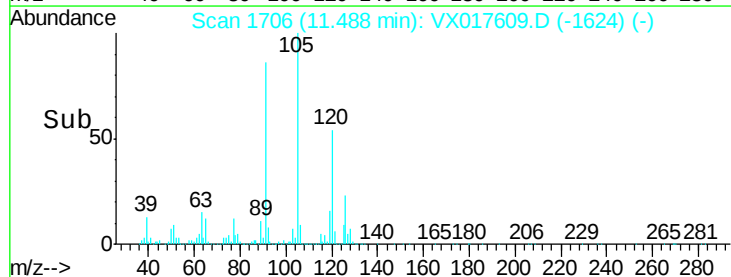
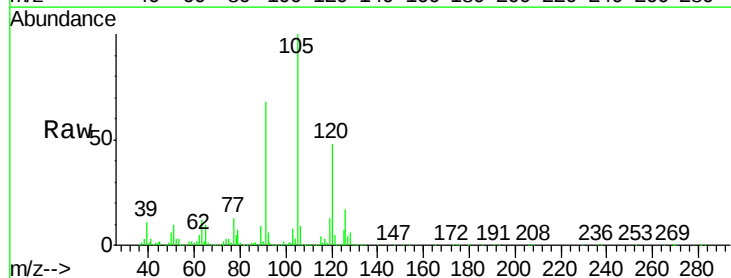
Acq: 27 Jul 2020 10:08

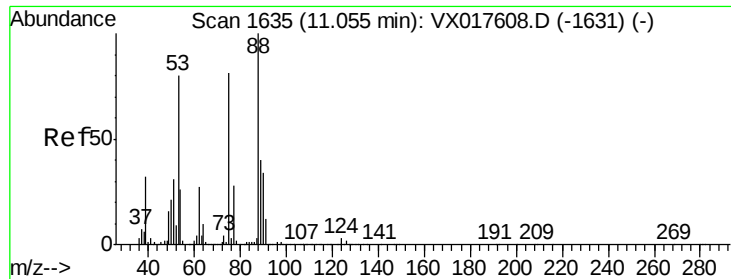
Tgt Ion: 105 Resp: 1376523

Ion Ratio Lower Upper

105 100

120 48.6 0.0 95.8





#77

t-1,4-Dichloro-2-butene

Concen: 50.674 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

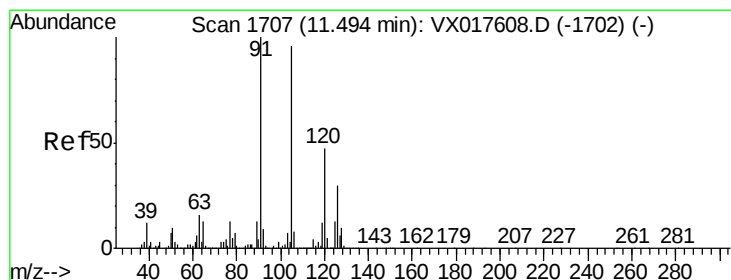
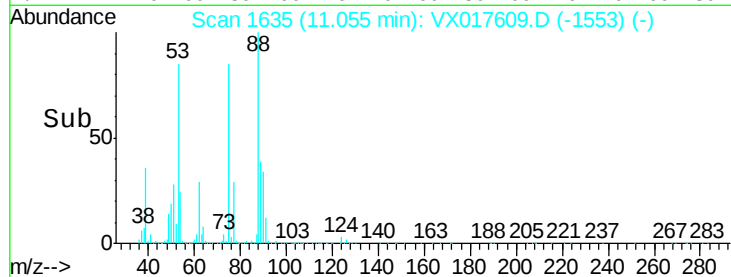
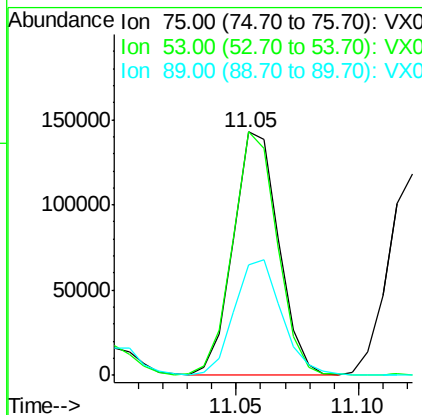
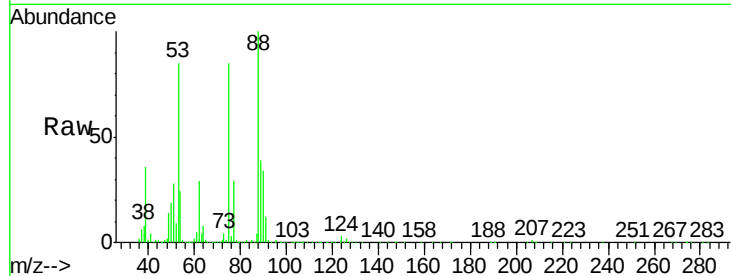
ClientSampleId :

VSTDIC050

Tot Ion:	75	Resp:	184009
Ion	Ratio	Lower	Upper
75	100		
53	99.8	49.0	147.0
89	45.3	24.4	73.2

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#78

4-Chlorotoluene

Concen: 52.161 ug/l

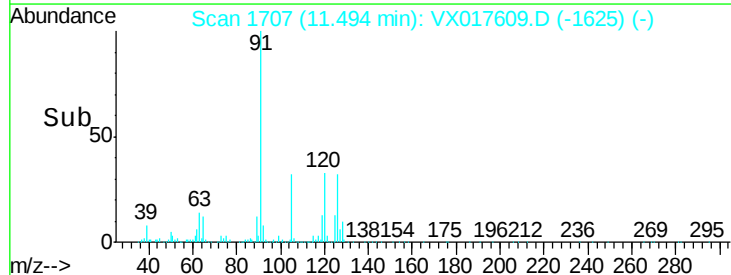
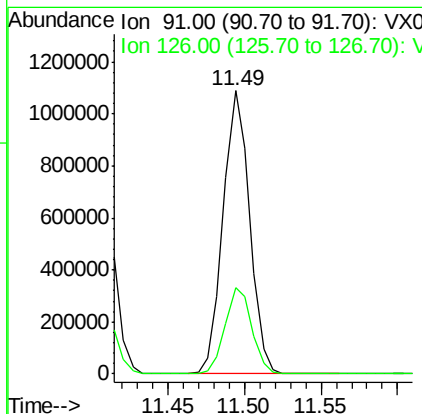
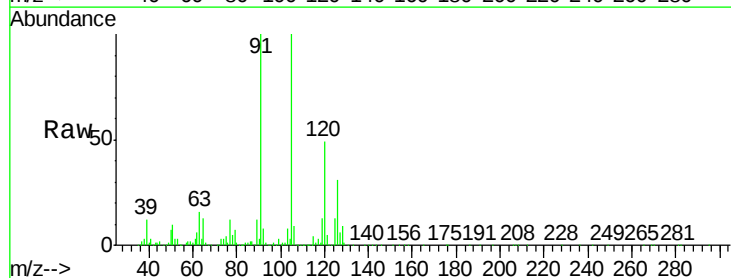
RT: 11.49 min Scan# 1707

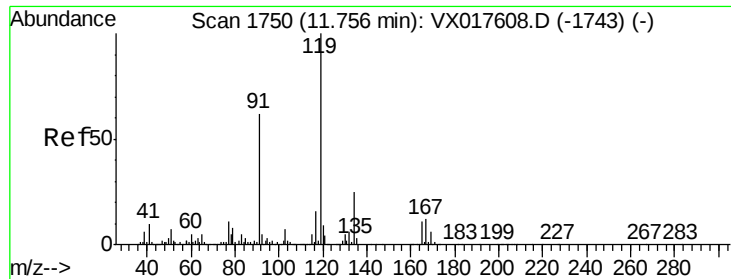
Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Tgt Ion:	91	Resp:	1310479
Ion	Ratio	Lower	Upper
91	100		
126	30.7	0.0	60.8





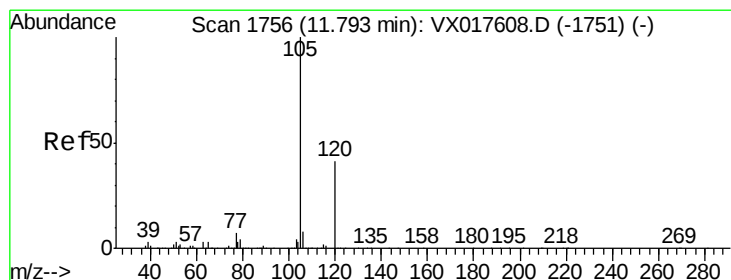
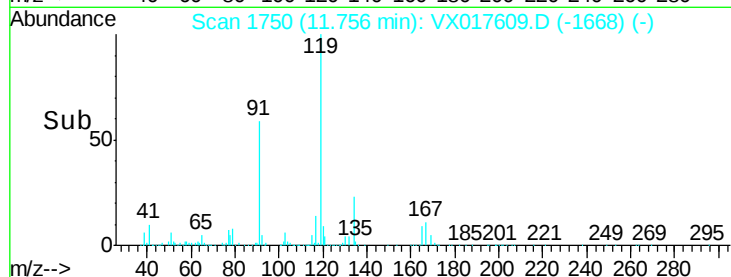
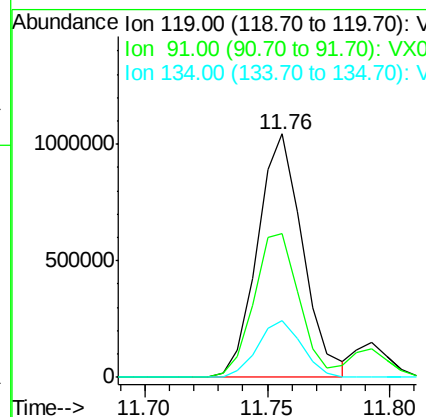
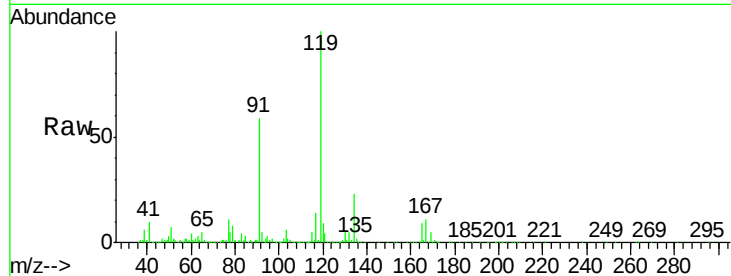
#79
tert-butylbenzene
Concen: 53.611 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.6	0.0	121.0
134	22.9	0.0	45.0

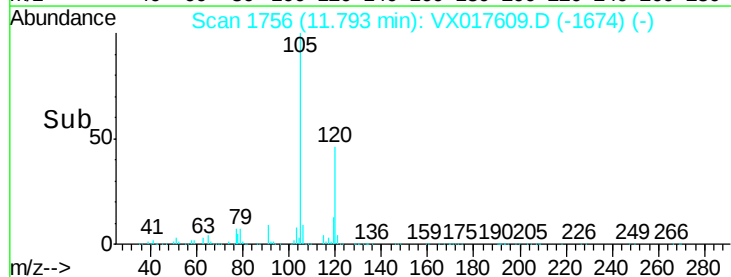
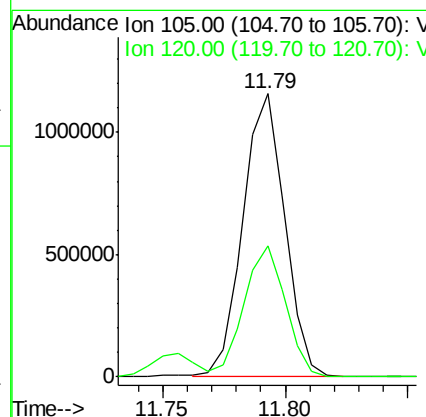
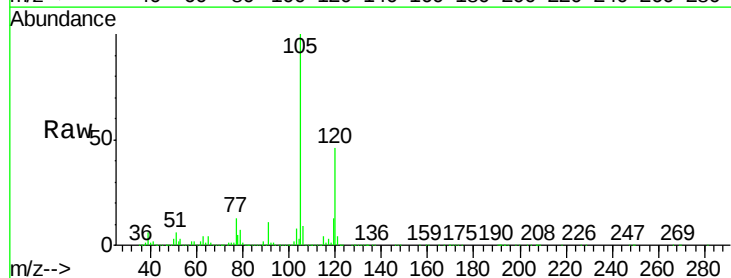
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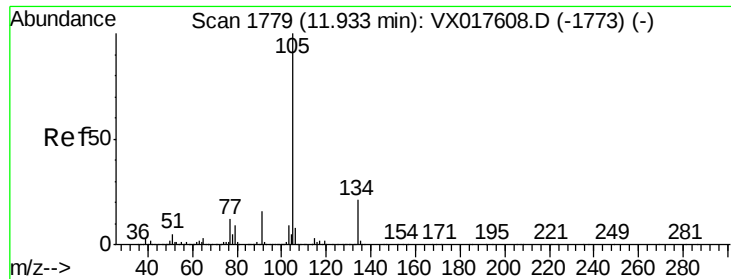
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#80
1,2,4-Trimethylbenzene
Concen: 53.091 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	0.0	90.0





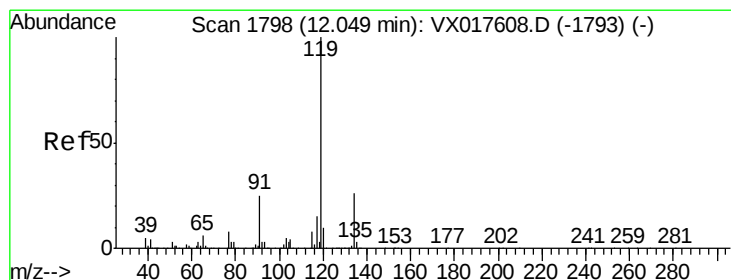
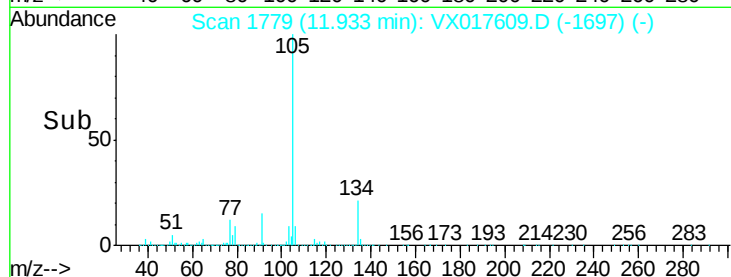
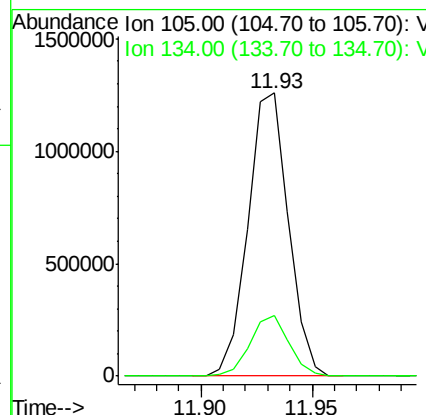
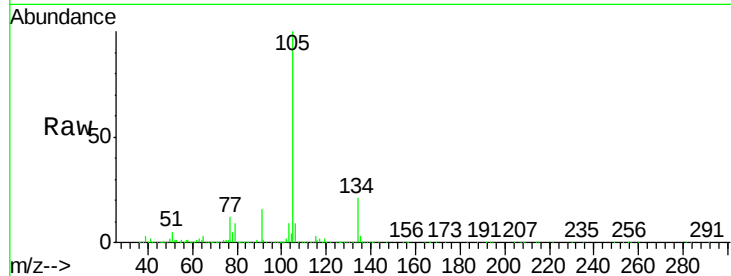
#81
 sec-Butylbenzene
 Concen: 55.156 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion:105 Resp: 1597445
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 41.8

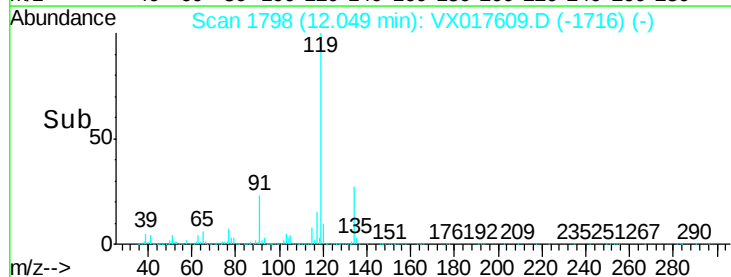
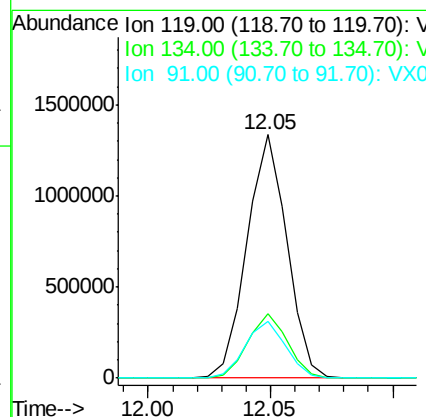
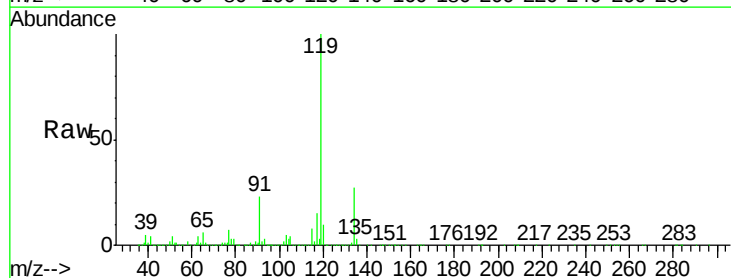
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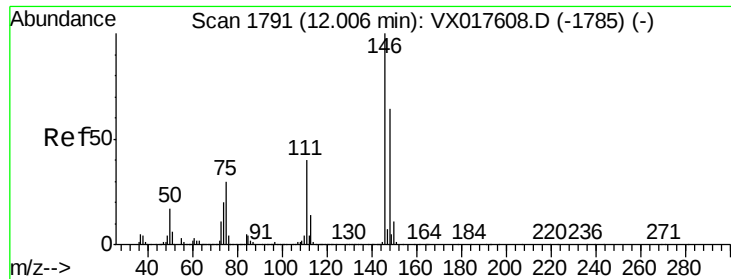
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#82
 p-Isopropyltoluene
 Concen: 55.085 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Tgt Ion:119 Resp: 1518287
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.6
 91 23.7 0.0 48.2





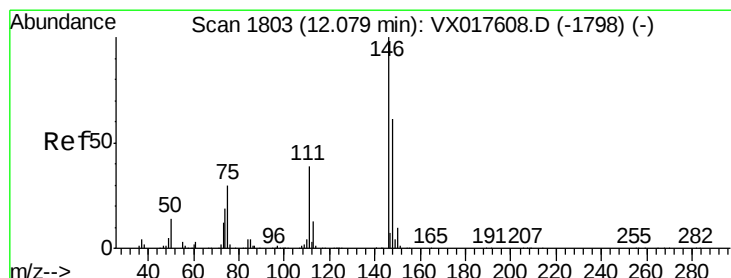
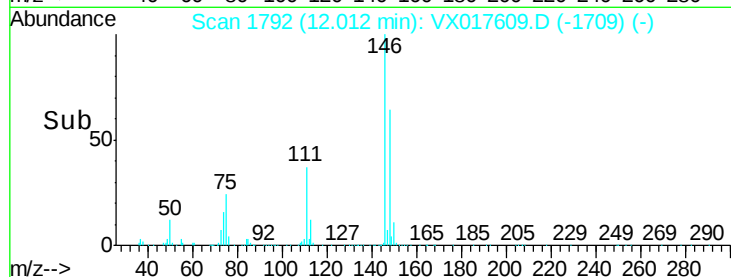
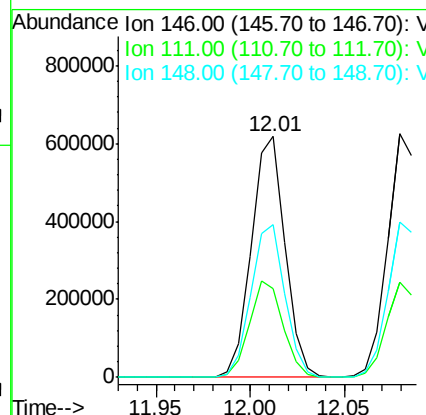
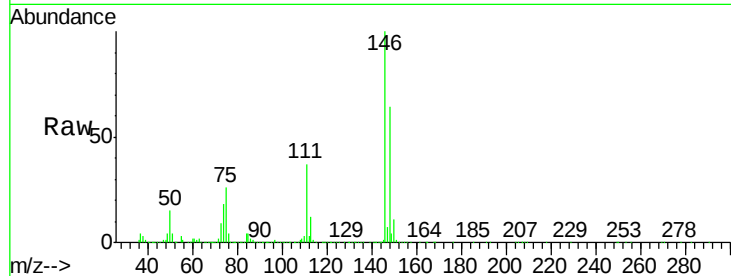
#83
 1,3-Dichlorobenzene
 Concen: 50.687 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.7
148	63.7	32.6	98.0

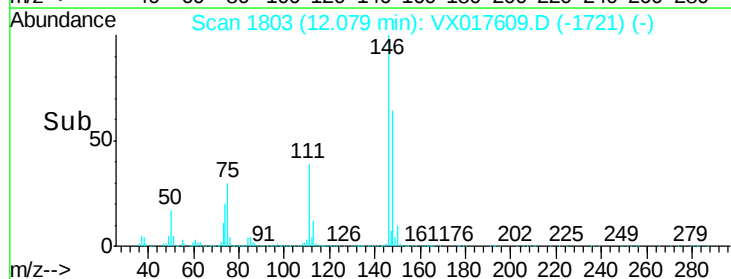
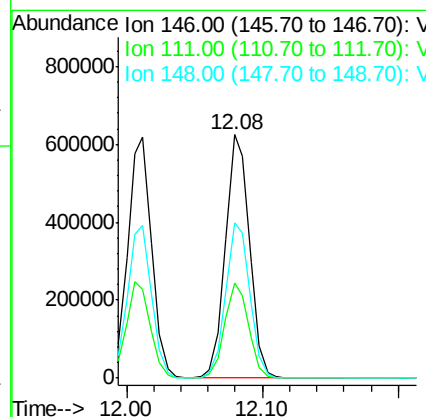
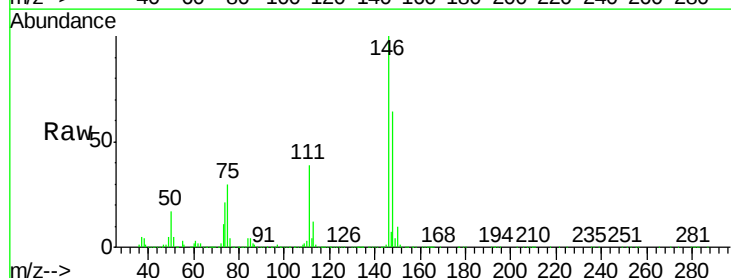
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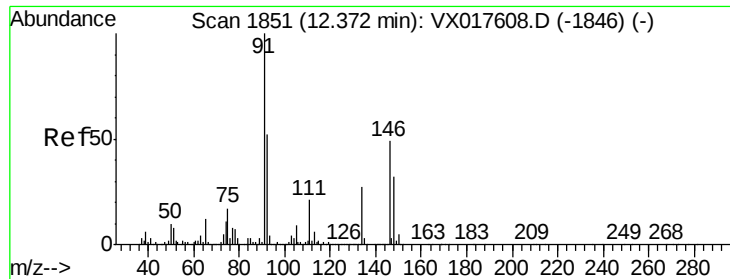
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#84
 1,4-Dichlorobenzene
 Concen: 50.081 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.7	56.1
148	63.8	31.6	94.8





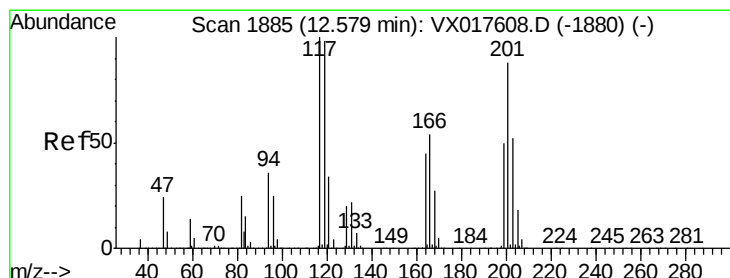
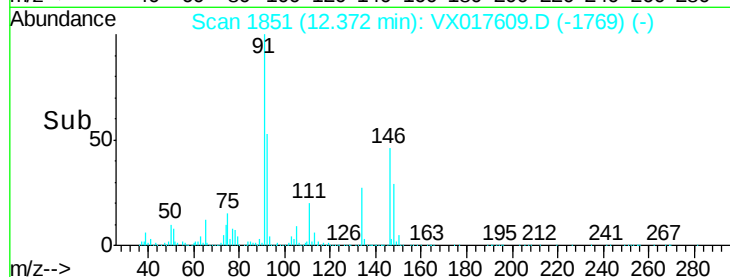
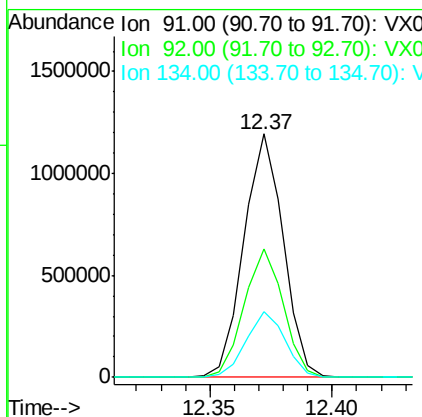
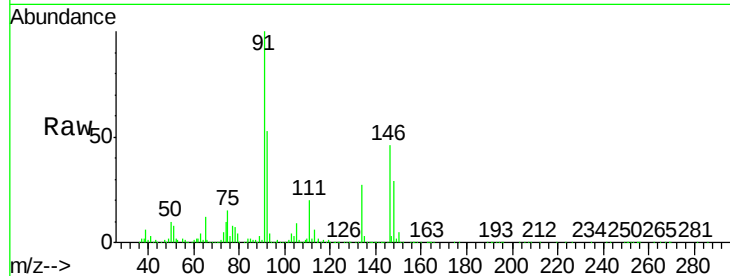
#85
n-Butylbenzene
Concen: 55.886 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion: 91 Resp: 1340228
Ion Ratio Lower Upper
91 100
92 52.5 0.0 104.0
134 27.0 0.0 55.0

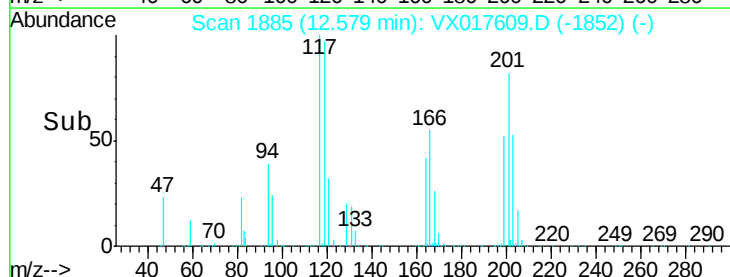
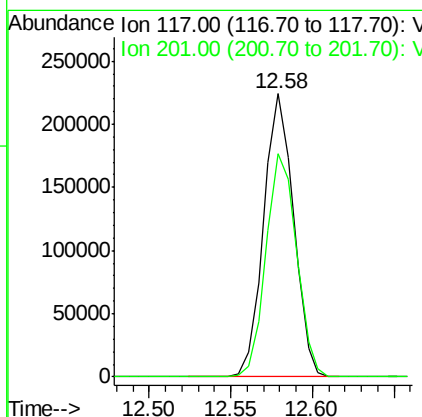
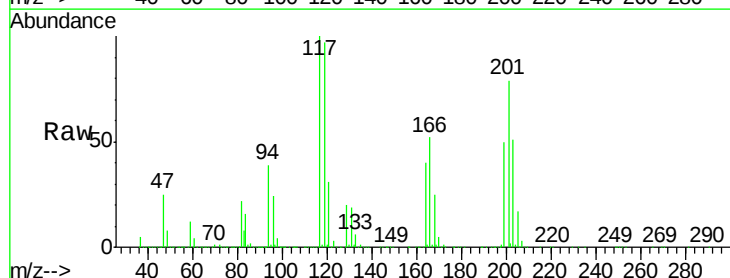
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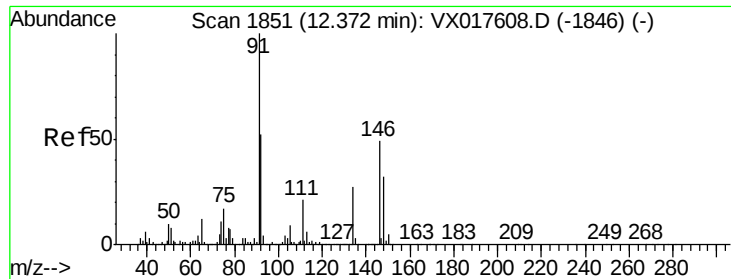
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#86
Hexachloroethane
Concen: 52.743 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion: 117 Resp: 284629
Ion Ratio Lower Upper
117 100
201 80.2 43.1 129.3





#87

1,2-Dichlorobenzene

Concen: 49.842 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Instrument :

MSVOA_X

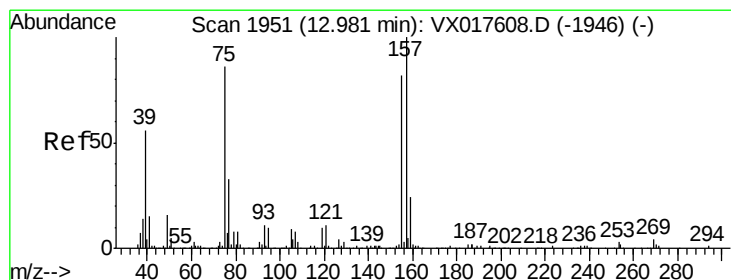
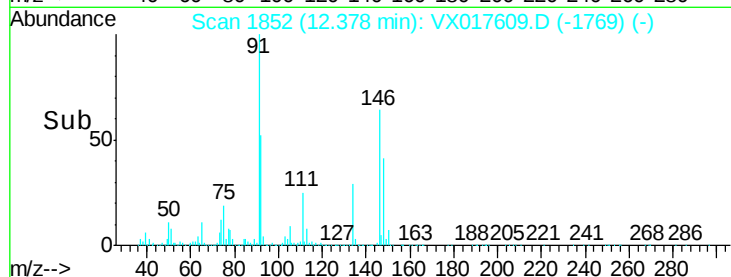
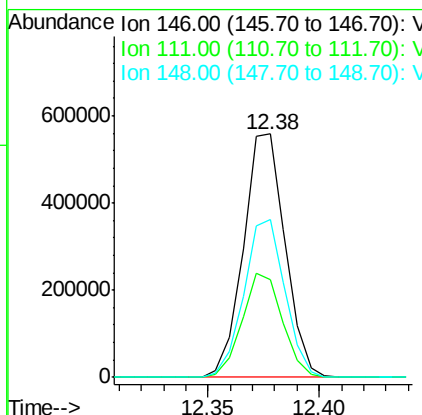
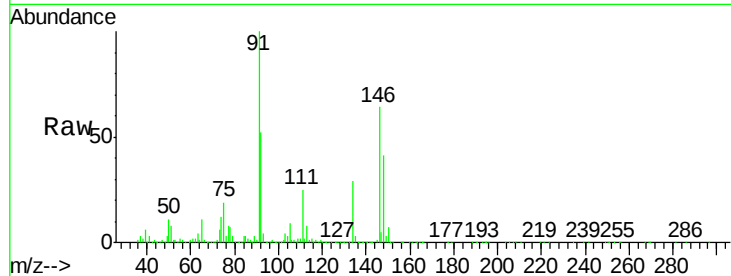
ClientSampleId :

VSTDIC050

Tot Ion:	146	Resp:	731846
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.7	62.1
148	63.6	32.3	96.9

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#88

1,2-Dibromo-3-Chloropropane

Concen: 54.127 ug/l

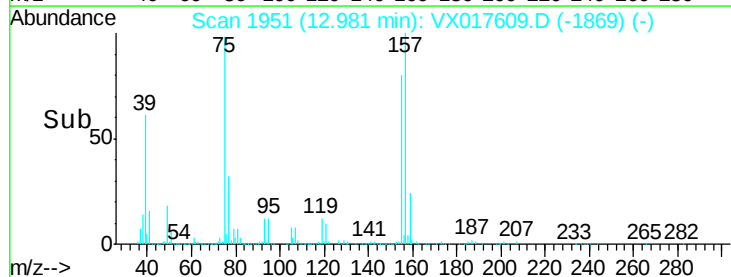
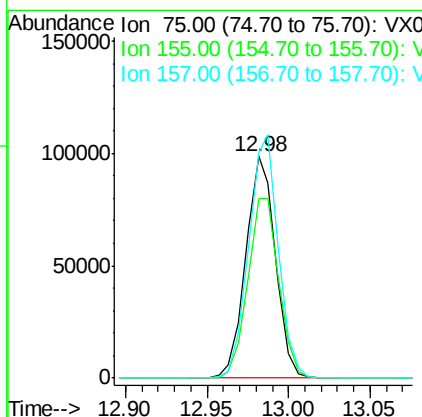
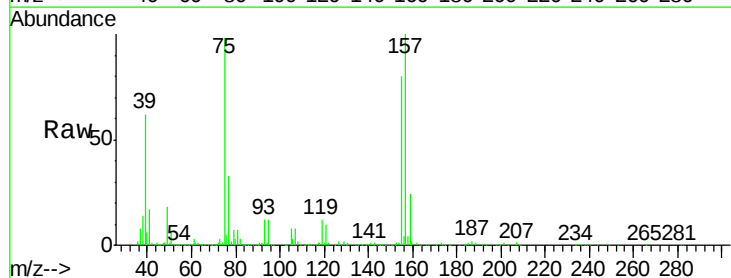
RT: 12.98 min Scan# 1951

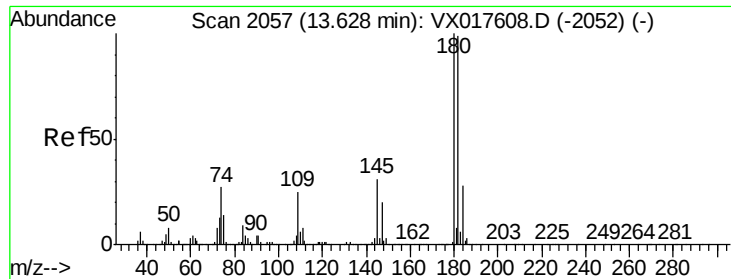
Delta R.T. 0.00 min

Lab File: VX017609.D

Acq: 27 Jul 2020 10:08

Tgt Ion:	75	Resp:	125214
Ion Ratio	Lower	Upper	
75	100		
155	84.9	69.5	104.3
157	109.2	88.2	132.4





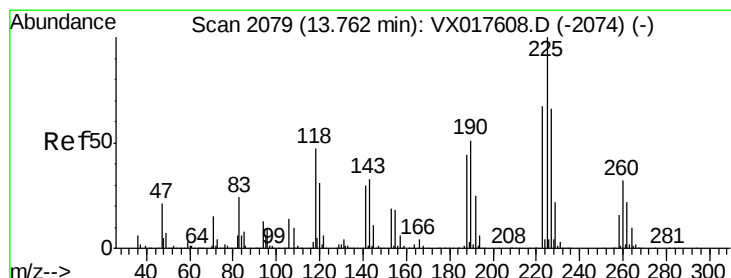
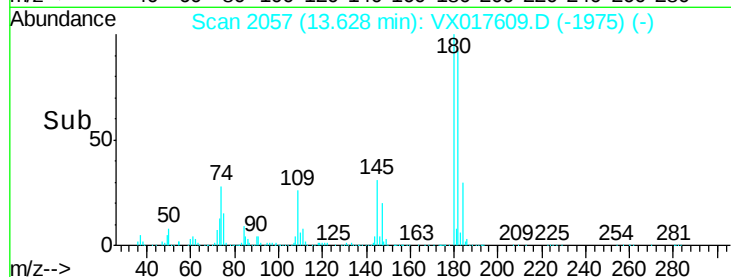
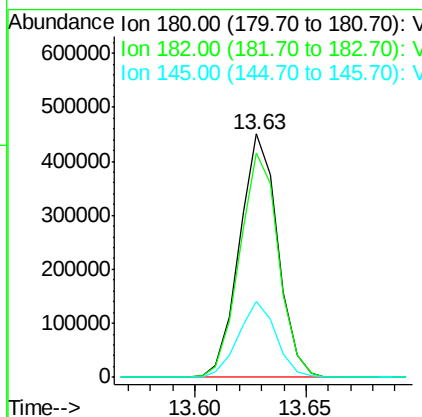
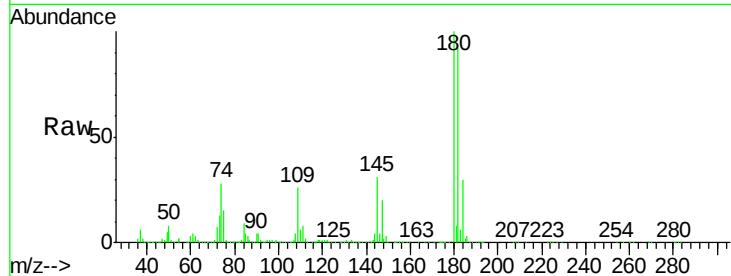
#89
 1,2,4-Trichlorobenzene
 Concen: 51.547 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	537836		
182	94.1		77.4	116.0
145	30.9		24.9	37.3

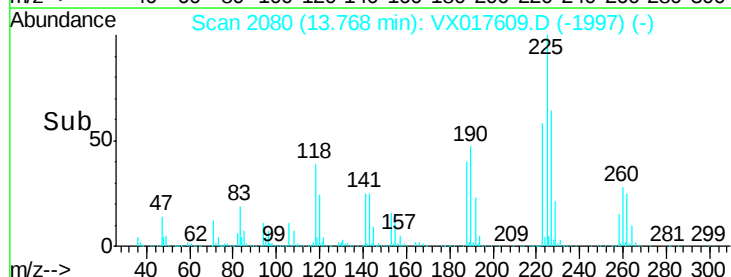
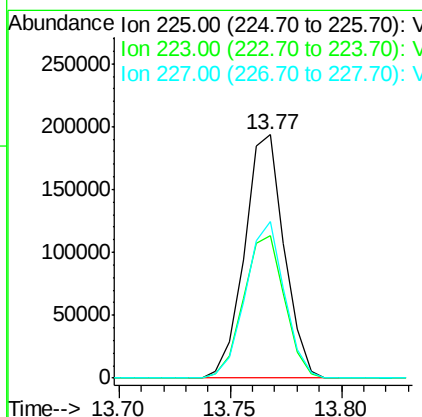
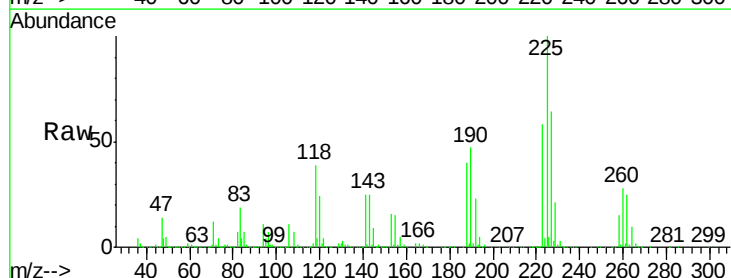
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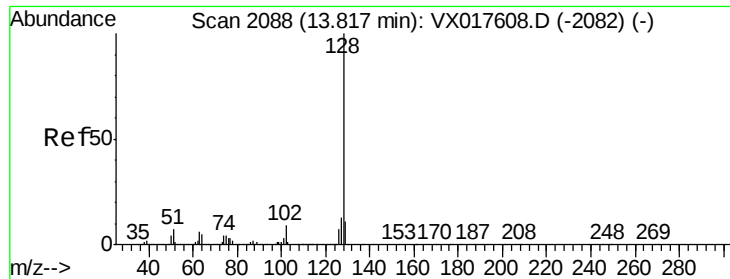
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#90
 Hexachlorobutadiene
 Concen: 56.535 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX017609.D
 Acq: 27 Jul 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	240730		
223	60.7		0.0	130.8
227	63.0		0.0	127.2





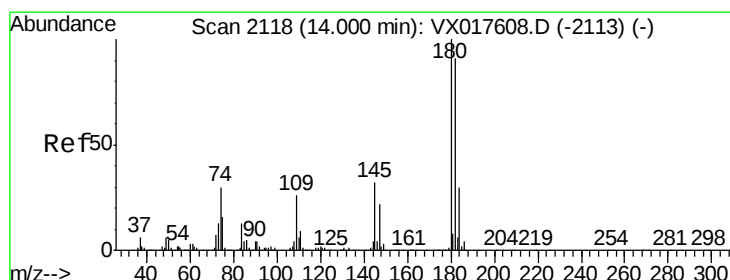
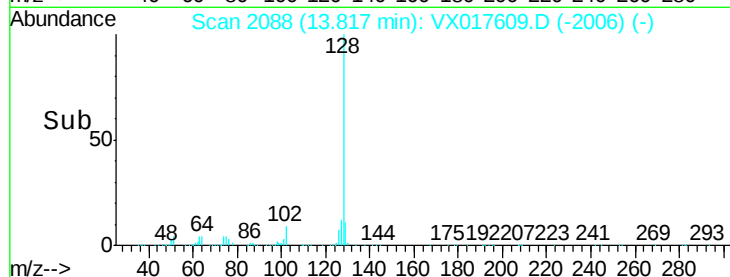
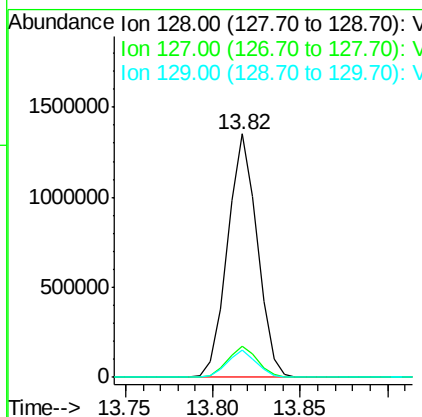
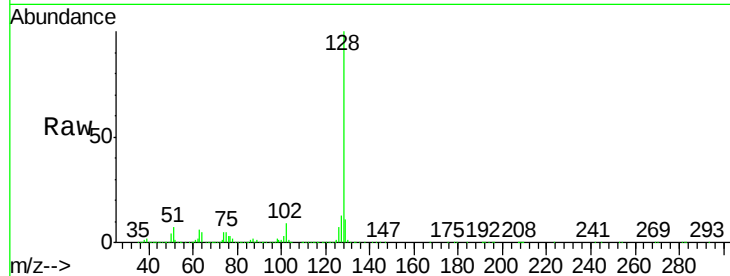
#91
Naphthalene
Concen: 50.261 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion:128 Resp: 1597280
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.7 13.1

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#92
1,2,3-Trichlorobenzene
Concen: 48.993 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017609.D
Acq: 27 Jul 2020 10:08

Tgt Ion:180 Resp: 502641
Ion Ratio Lower Upper
180 100
182 95.6 0.0 190.2
145 33.4 0.0 63.8

