

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052920\
 Data File : VX016504.D
 Acq On : 29 May 2020 12:38
 Operator : JC/SP
 Sample : VX0529WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:28:11 PM

Quant Time: May 30 01:54:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	298011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	461591	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207950	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	173043	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	
35) Dibromofluoromethane	5.46	113	133427	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
50) Toluene-d8	8.70	98	534765	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.12	95	196451	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	51772	17.65	ug/l	94
3) Chloromethane	1.31	50	60799	17.15	ug/l	100
4) Vinyl Chloride	1.39	62	64541	17.22	ug/l	100
5) Bromomethane	1.63	94	40590	22.27	ug/l	99
6) Chloroethane	1.71	64	39633	18.13	ug/l	100
7) Trichlorofluoromethane	1.92	101	87268	17.73	ug/l	98
8) Diethyl Ether	2.17	74	36982	18.02	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48142	17.77	ug/l	99
10) Methyl Iodide	2.49	142	50187	17.61	ug/l	100
11) Tert butyl alcohol	3.01	59	81053	85.41	ug/l	100
12) 1,1-Dichloroethene	2.36	96	49576	17.29	ug/l	94
13) Acrolein	2.27	56	36796	91.15	ug/l	96
14) Allyl chloride	2.70	41	90857	17.23	ug/l	98
15) Acrylonitrile	3.11	53	173984	89.50	ug/l	99
16) Acetone	2.42	43	145428	89.69	ug/l	98
17) Carbon Disulfide	2.55	76	146228	17.17	ug/l	99
18) Methyl Acetate	2.75	43	75049	18.05	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	189648	18.42	ug/l	99
20) Methylene Chloride	2.83	84	58314	17.38	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	56383	17.78	ug/l	95
22) Diisopropyl ether	3.82	45	184375	18.20	ug/l	96
23) Vinyl Acetate	3.78	43	815121	91.92	ug/l	99
24) 1,1-Dichloroethane	3.67	63	102957	18.01	ug/l	99
25) 2-Butanone	4.63	43	242959	88.43	ug/l	100
26) 2,2-Dichloropropane	4.55	77	89803	19.19	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	65925	17.97	ug/l	99
28) Bromochloromethane	4.98	49	48880	18.40	ug/l	98
29) Tetrahydrofuran	5.09	42	161882	91.20	ug/l	99
30) Chloroform	5.18	83	103180	17.91	ug/l	96
31) Cyclohexane	5.55	56	89962	17.49	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	92234	17.68	ug/l	100
36) 1,1-Dichloropropene	5.77	75	77025	17.62	ug/l	98
37) Ethyl Acetate	4.79	43	92311	17.59	ug/l	97
38) Carbon Tetrachloride	5.75	117	81615	17.77	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	87832	18.50	ug/l	99
40) Benzene	6.11	78	234281	18.00	ug/l	100
41) Methacrylonitrile	5.00	41	51570	17.89	ug/l	99
42) 1,2-Dichloroethane	6.16	62	84280	18.21	ug/l	99
43) Isopropyl Acetate	6.41	43	147539	18.03	ug/l	99
44) Trichloroethene	7.19	130	75601	18.31	ug/l	98
45) 1,2-Dichloropropane	7.49	63	60576	18.28	ug/l	99
46) Dibromomethane	7.63	93	40257	18.09	ug/l	99
47) Bromodichloromethane	7.87	83	82761	17.96	ug/l	99
48) Methyl methacrylate	7.74	41	69136	17.64	ug/l	98
49) 1,4-Dioxane	7.71	88	31131	339.46	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	466081	91.46	ug/l	100
52) Toluene	8.76	92	149119	18.17	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	95988	18.32	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	102469	18.48	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	60268	18.47	ug/l	97
56) Ethyl methacrylate	9.16	69	96818	18.22	ug/l	100
57) 1,3-Dichloropropane	9.35	76	104193	18.60	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	255250	92.02	ug/l	99
59) 2-Hexanone	9.47	43	360793	91.04	ug/l	100
60) Dibromochloromethane	9.57	129	66177	18.02	ug/l	99
61) 1,2-Dibromoethane	9.65	107	64296	18.40	ug/l	100
64) Tetrachloroethene	9.32	164	86153	18.29	ug/l	98
65) Chlorobenzene	10.12	112	156892	18.28	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	60397	18.43	ug/l	98
67) Ethyl Benzene	10.23	91	277162	18.13	ug/l	99
68) m/p-Xylenes	10.34	106	207793	36.67	ug/l	98
69) o-Xylene	10.68	106	102379	18.65	ug/l	97
70) Styrene	10.70	104	172215	18.26	ug/l	99
71) Bromoform	10.84	173	50092	18.09	ug/l	98
73) Isopropylbenzene	11.00	105	268242	18.62	ug/l	100
74) N-amyl acetate	10.88	43	121961	18.40	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	64607	17.89	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	85851m	18.78	ug/l	
77) Bromobenzene	11.24	156	69422	18.37	ug/l	99
78) n-propylbenzene	11.34	91	298558	18.55	ug/l	100
79) 2-Chlorotoluene	11.40	91	184210	18.75	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	221390	18.40	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	34331	18.48	ug/l	99
82) 4-Chlorotoluene	11.49	91	213349	18.39	ug/l	100
83) tert-Butylbenzene	11.76	119	188612	18.35	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	223764	18.39	ug/l	99
85) sec-Butylbenzene	11.93	105	238371	18.48	ug/l	100
86) p-Isopropyltoluene	12.05	119	225302	18.65	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	118858	18.15	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	120858	18.05	ug/l	98
89) n-Butylbenzene	12.37	91	188354	18.72	ug/l	98
90) Hexachloroethane	12.58	117	36332	17.41	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	112927	17.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20393	17.44	ug/l	98

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VX0529WBSD01

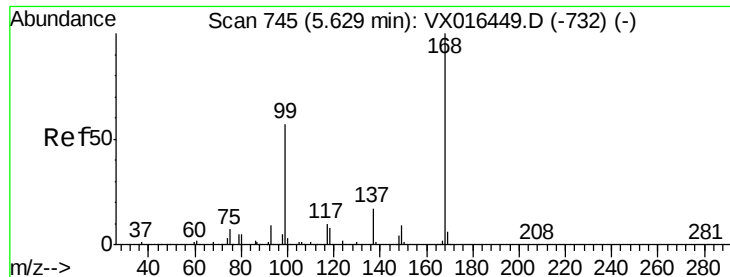
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	78321	18.59	ug/l	99
94) Hexachlorobutadiene	13.77	225	34521	20.87	ug/l	99
95) Naphthalene	13.82	128	266008	18.42	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	78401	19.00	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

Tgt Ion: 168 Resp: 298011

Ion Ratio Lower Upper

168 100

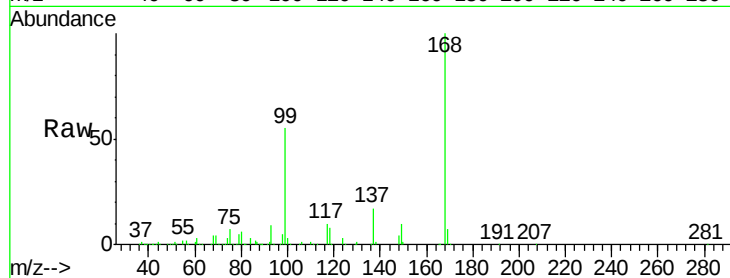
99 55.5 45.2 67.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

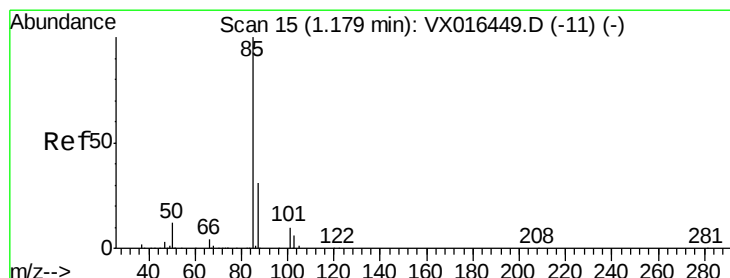
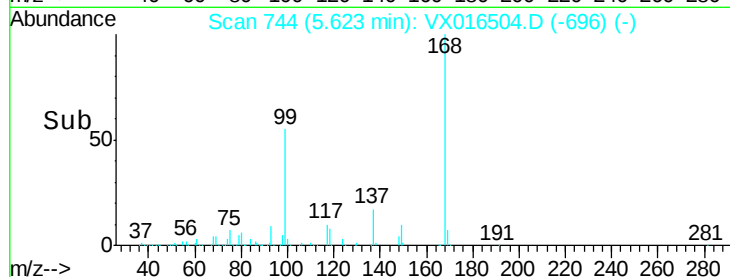
0

5.50

5.60

5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.65 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016504.D

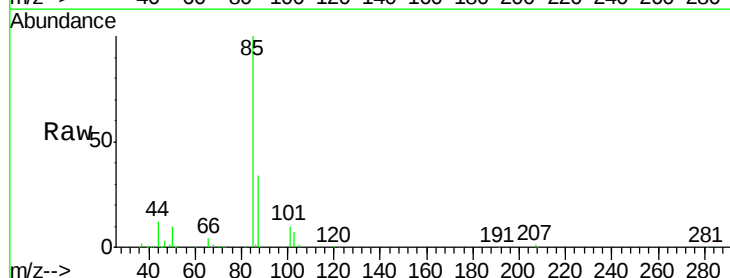
Acq: 29 May 2020 12:38

Tgt Ion: 85 Resp: 51772

Ion Ratio Lower Upper

85 100

87 34.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

30000

20000

10000

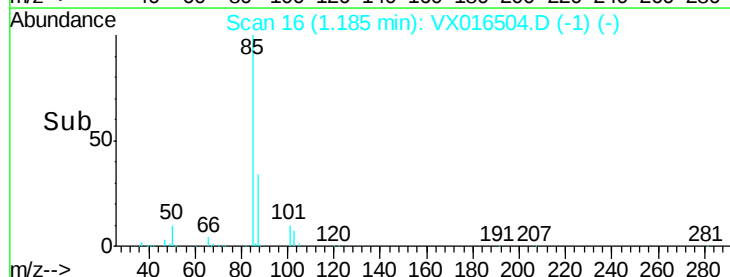
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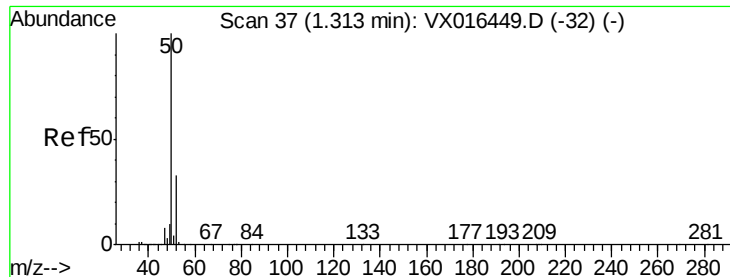
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 17.15 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampled :

VX0529WBSD01

Tgt Ion: 50 Resp: 60799

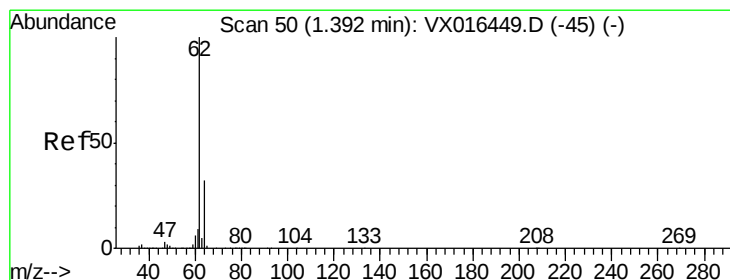
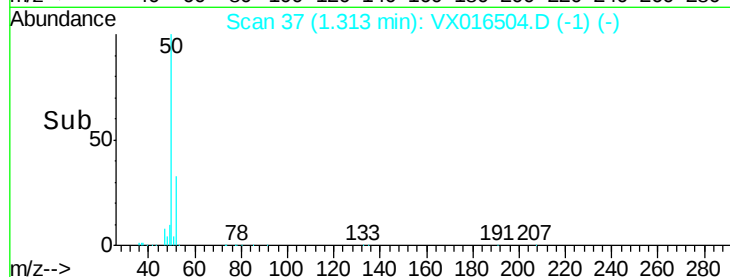
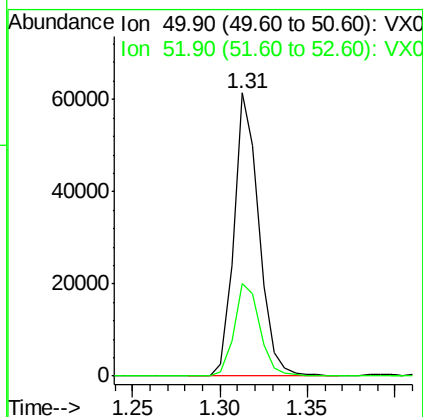
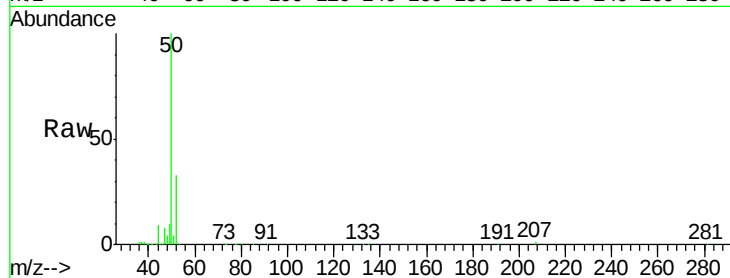
Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.22 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016504.D

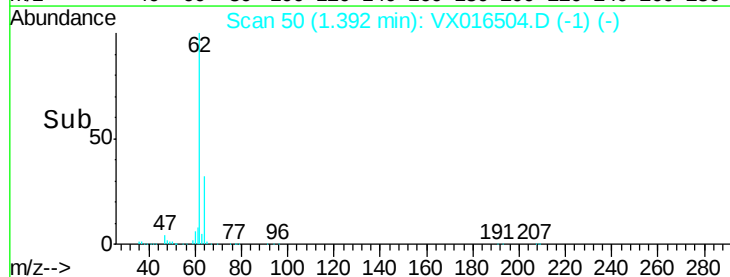
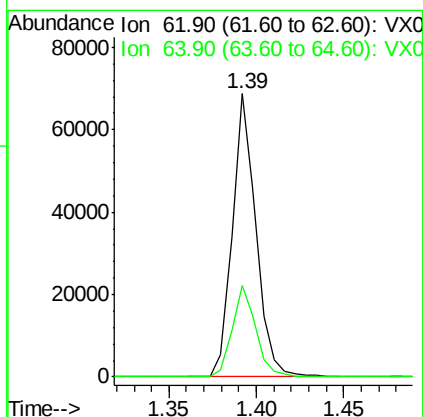
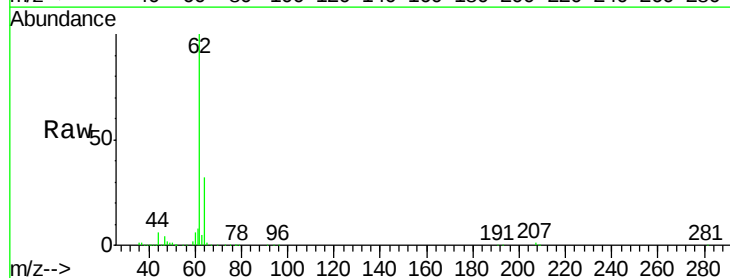
Acq: 29 May 2020 12:38

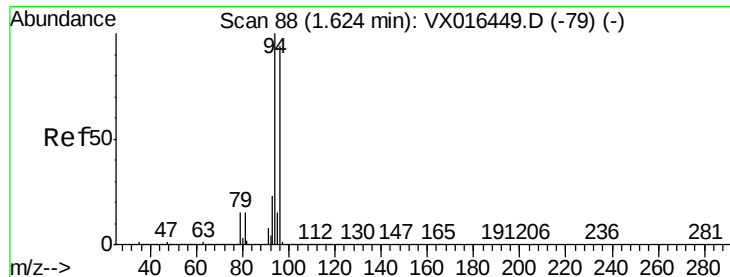
Tgt Ion: 62 Resp: 64541

Ion Ratio Lower Upper

62 100

64 32.2 25.9 38.9





#5

Bromomethane

Concen: 22.27 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

Tgt Ion: 94 Resp: 40590

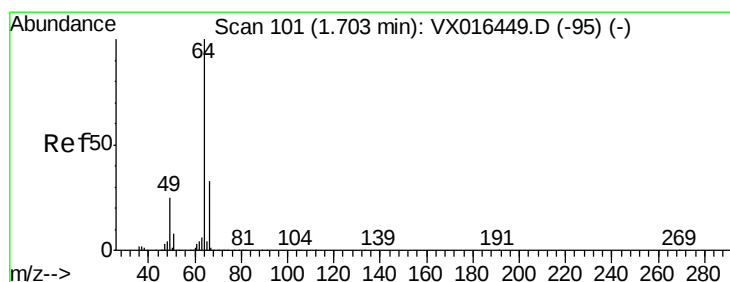
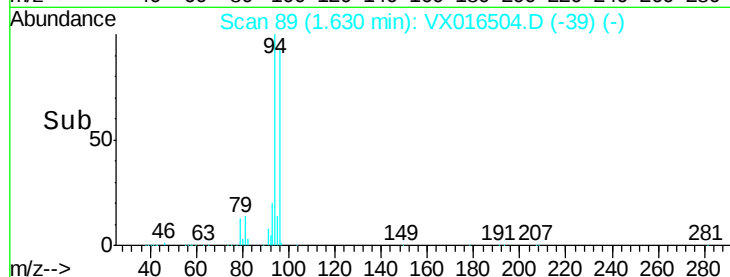
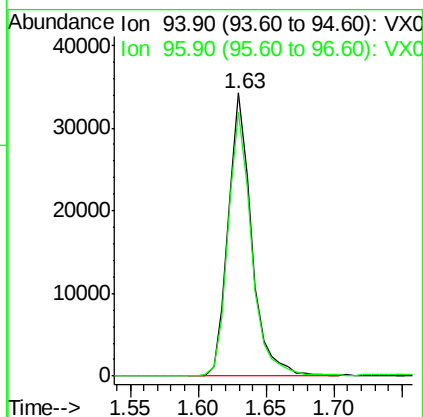
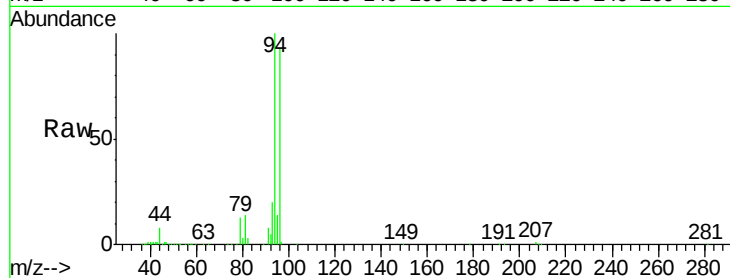
Ion Ratio Lower Upper

94 100

96 93.1 75.1 112.7

Manual Integrations
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#6

Chloroethane

Concen: 18.13 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016504.D

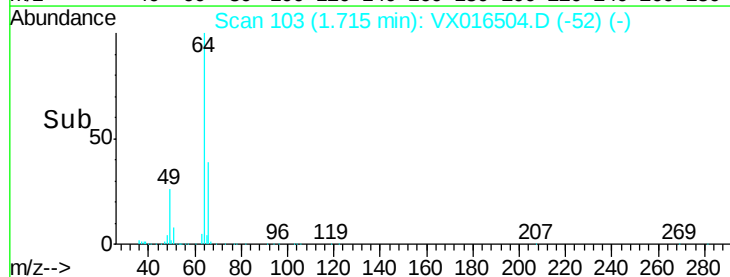
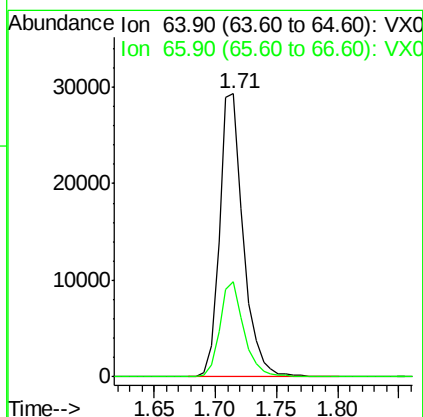
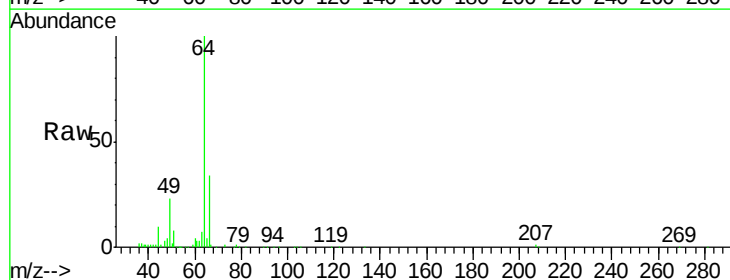
Acq: 29 May 2020 12:38

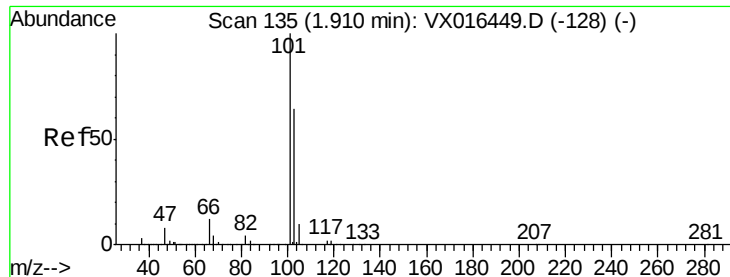
Tgt Ion: 64 Resp: 39633

Ion Ratio Lower Upper

64 100

66 33.6 26.7 40.1





#7

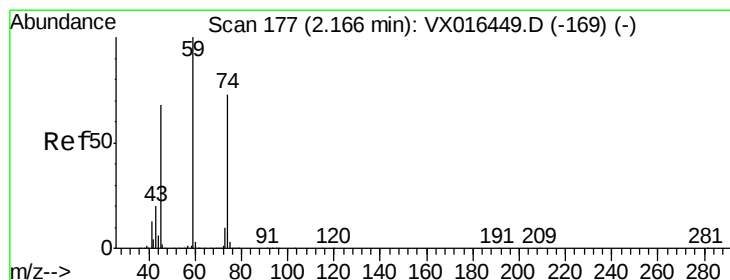
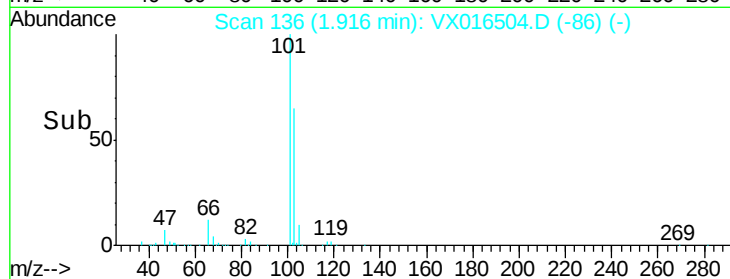
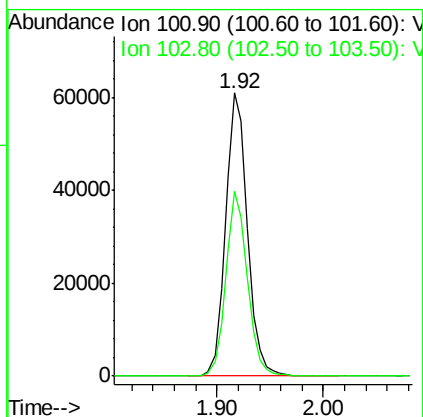
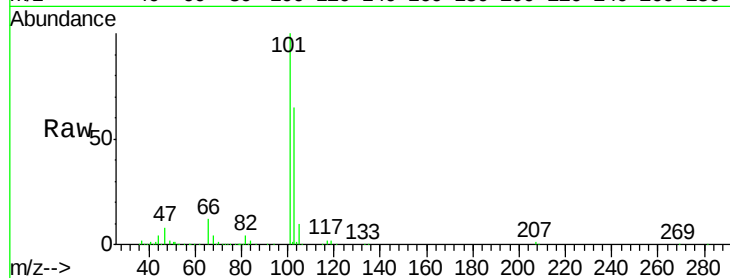
Trichlorofluoromethane
Concen: 17.73 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Instrument :
MSVOA_X
ClientSampled :
VX0529WBSD01

Tgt Ion: 101 Resp: 87268
Ion Ratio Lower Upper
101 100
103 65.0 50.9 76.3

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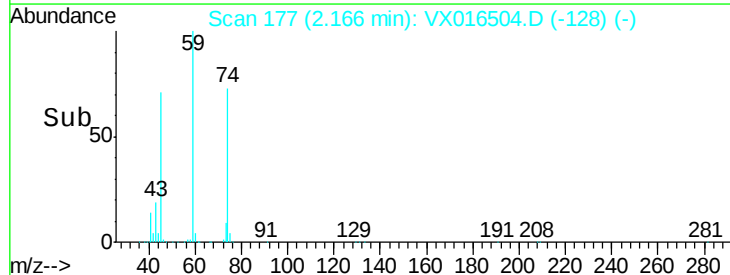
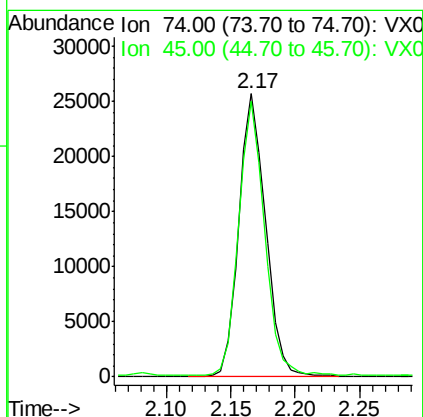
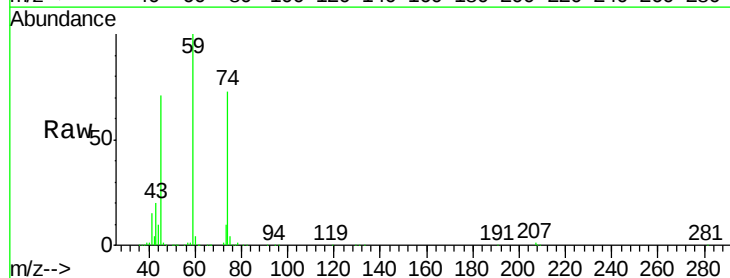
MMDadoda
6/1/2020 12:28:11 PM

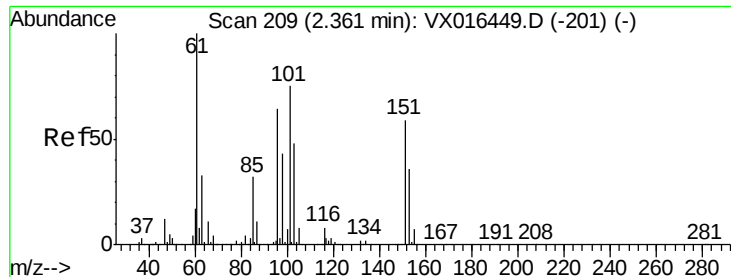


#8

Diethyl Ether
Concen: 18.02 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Tgt Ion: 74 Resp: 36982
Ion Ratio Lower Upper
74 100
45 94.4 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.77 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

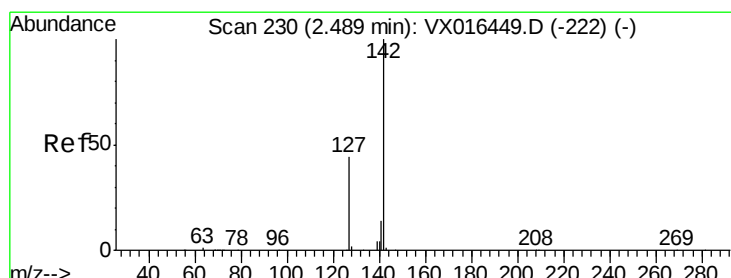
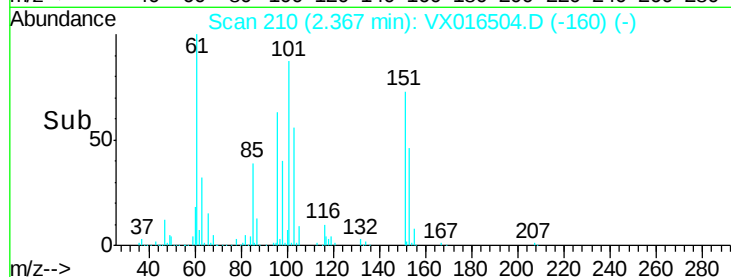
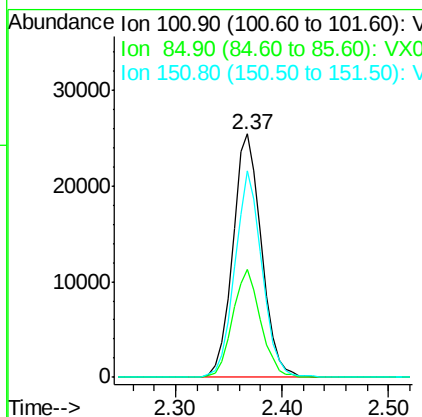
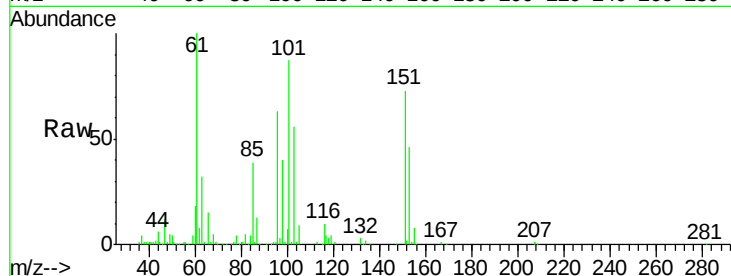
ClientSampleId :

VX0529WBSD01

Tgt Ion:	101	Resp:	48142
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.4	51.6
151	80.4	63.8	95.6

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#10

Methyl Iodide

Concen: 17.61 ug/l

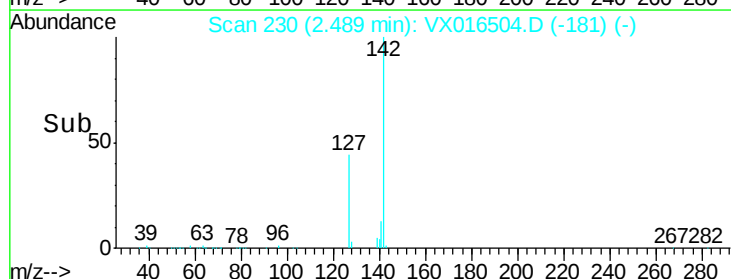
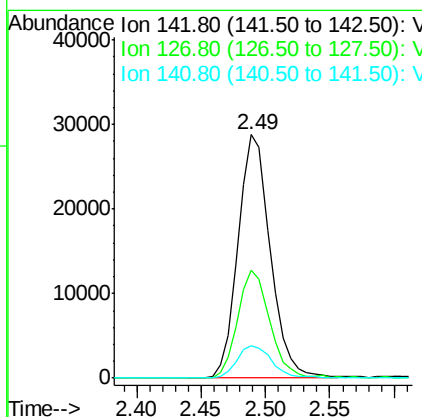
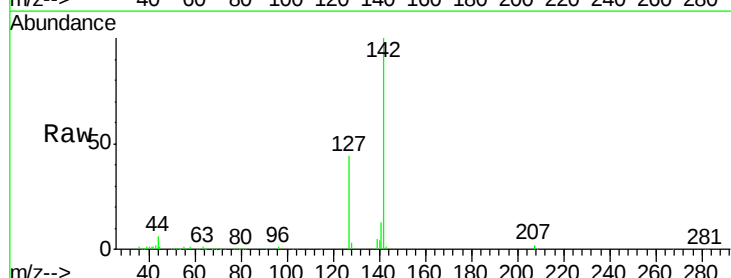
RT: 2.49 min Scan# 230

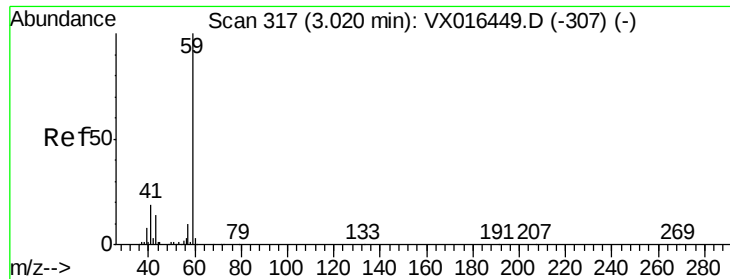
Delta R.T. 0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Tgt Ion:	142	Resp:	50187
Ion Ratio	Lower	Upper	
142	100		
127	44.2	35.3	52.9
141	14.2	11.4	17.2





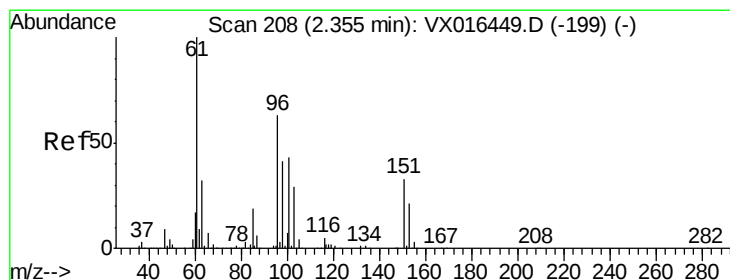
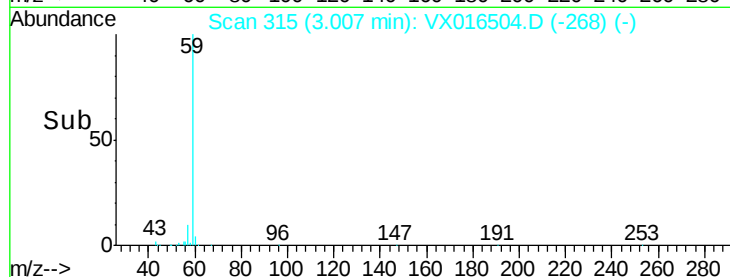
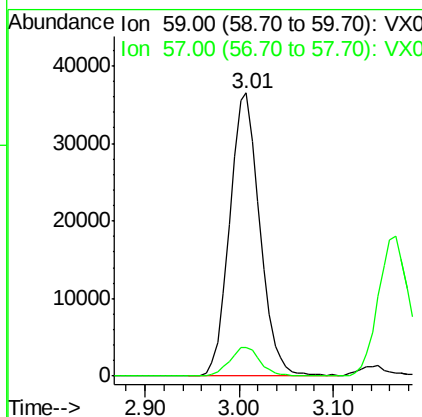
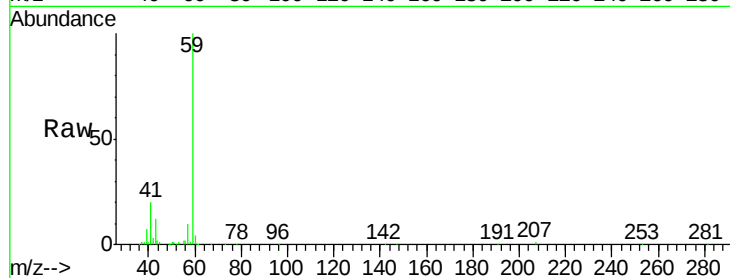
#11
Tert butyl alcohol
Concen: 85.41 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

Tgt Ion: 59 Resp: 81053
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

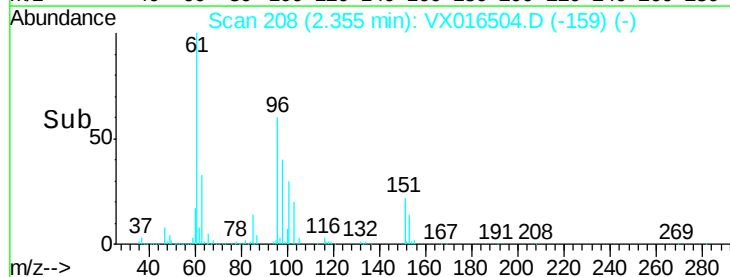
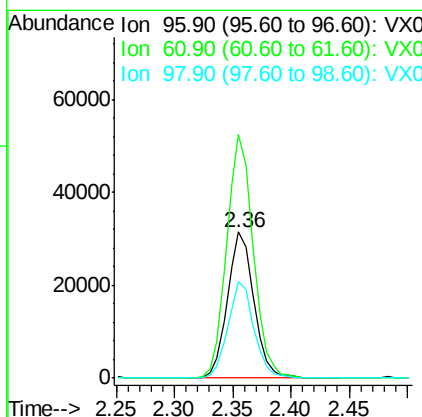
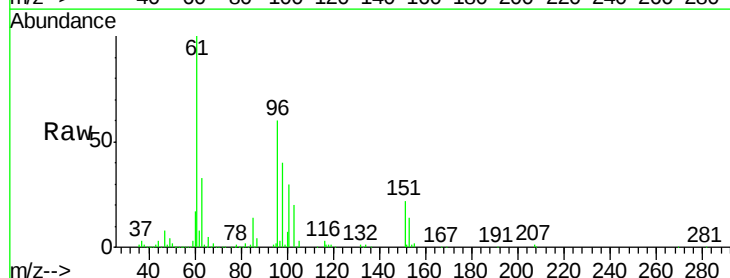
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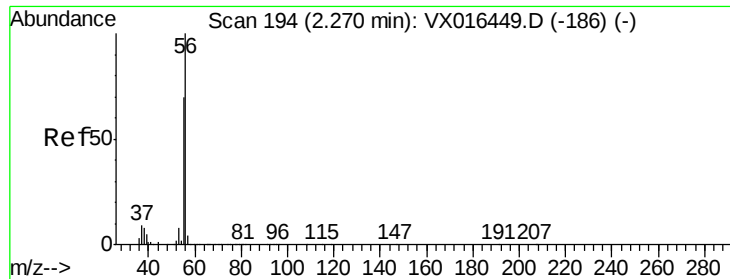
MMDadoda
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#12
1,1-Dichloroethene
Concen: 17.29 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Tgt Ion: 96 Resp: 49576
Ion Ratio Lower Upper
96 100
61 166.9 126.6 189.8
98 66.3 51.3 76.9





#13

Acrolein

Concen: 91.15 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

Tgt Ion: 56 Resp: 36796

Ion Ratio Lower Upper

56 100

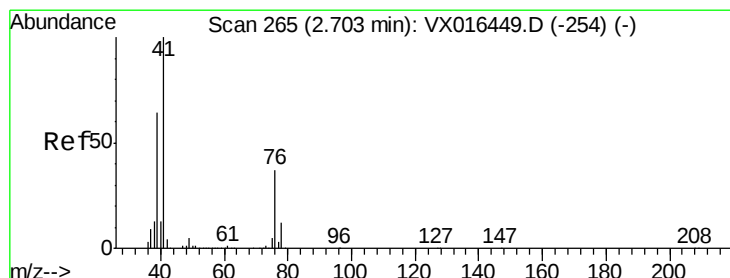
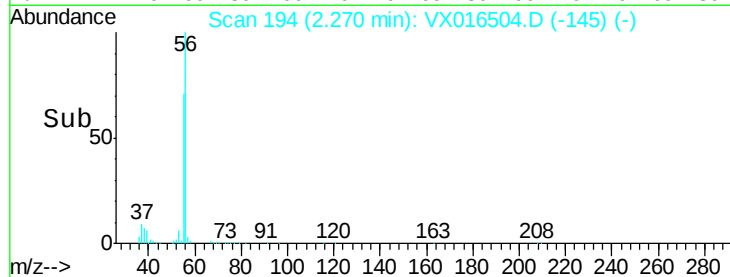
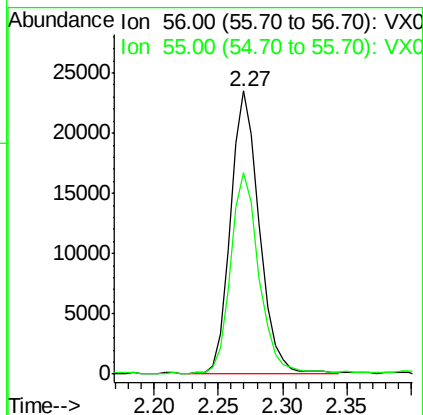
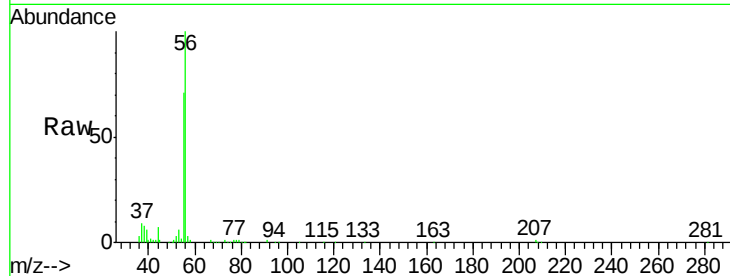
55 69.9 58.3 87.5

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#14

Allyl chloride

Concen: 17.23 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

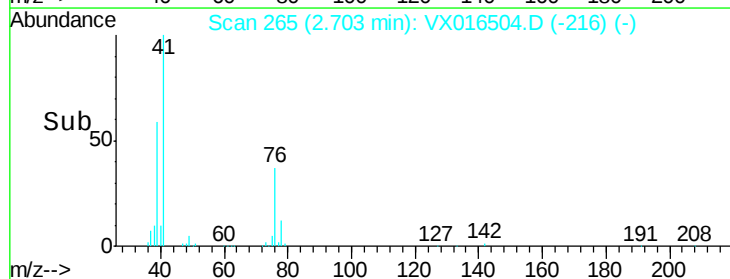
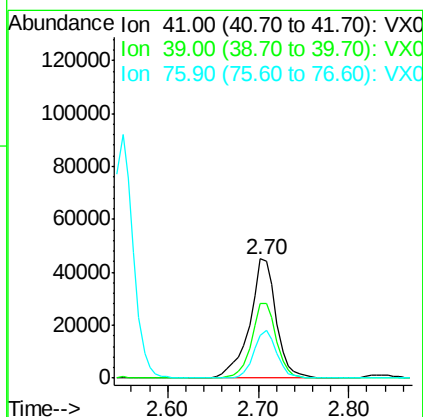
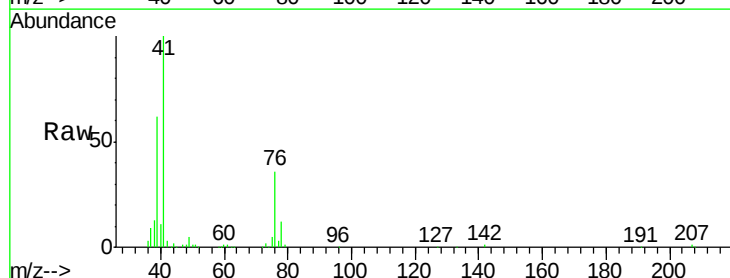
Tgt Ion: 41 Resp: 90857

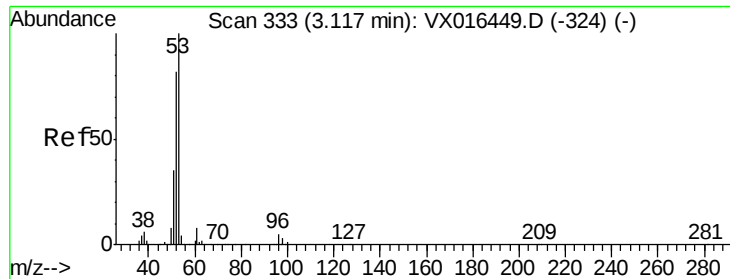
Ion Ratio Lower Upper

41 100

39 58.8 47.7 71.5

76 34.8 26.6 40.0





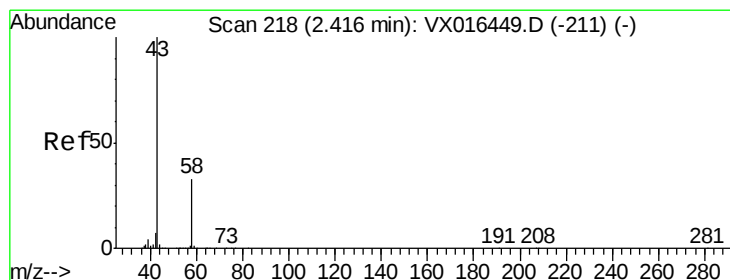
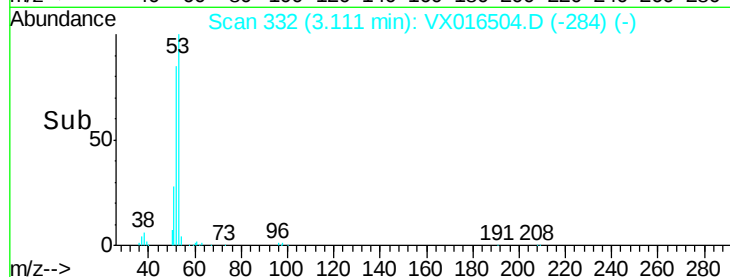
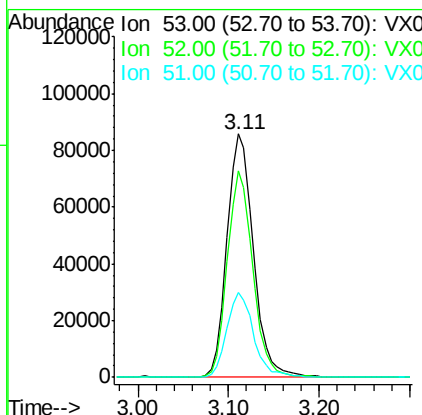
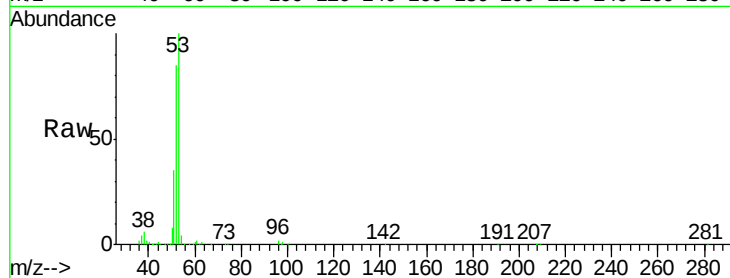
#15
 Acrylonitrile
 Concen: 89.50 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.7	100.1
51	35.7	28.6	43.0

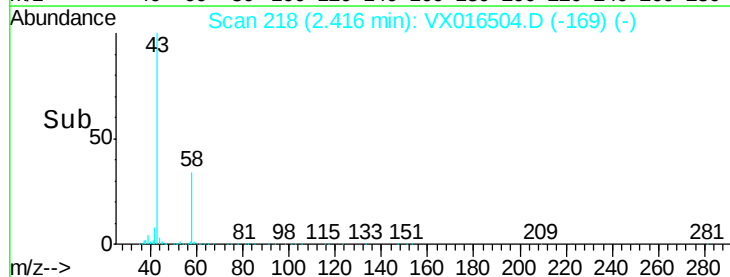
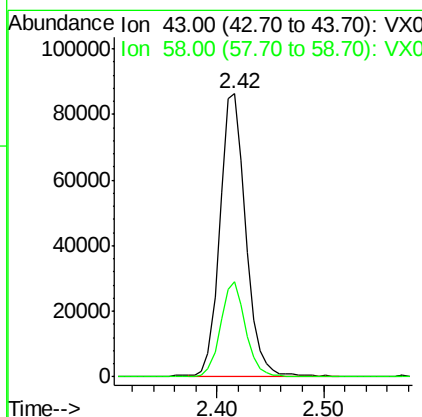
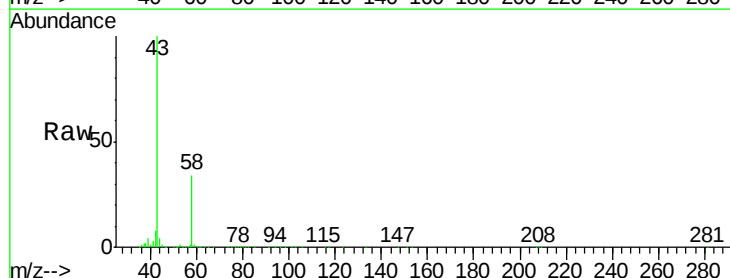
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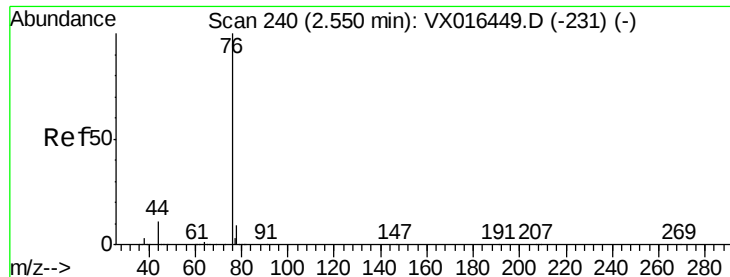
MMDadoda
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#16
 Acetone
 Concen: 89.69 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.6	26.1	39.1





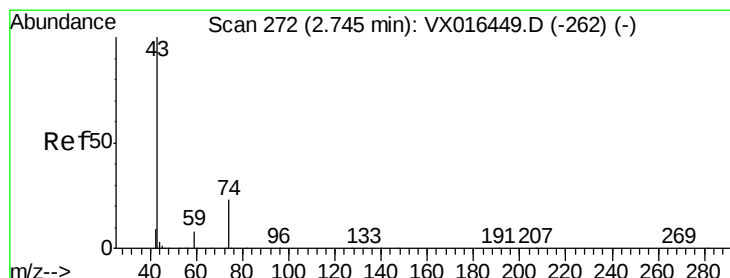
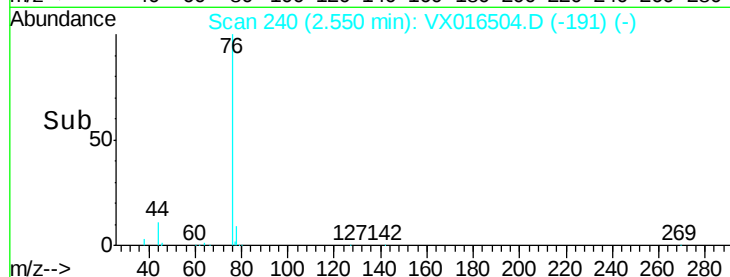
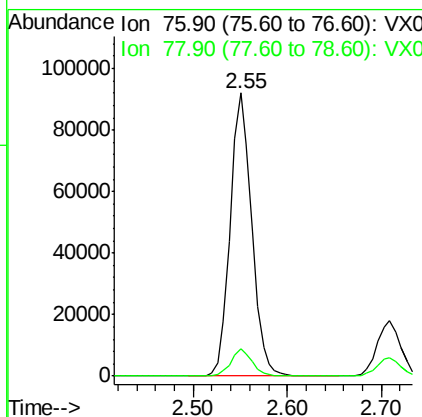
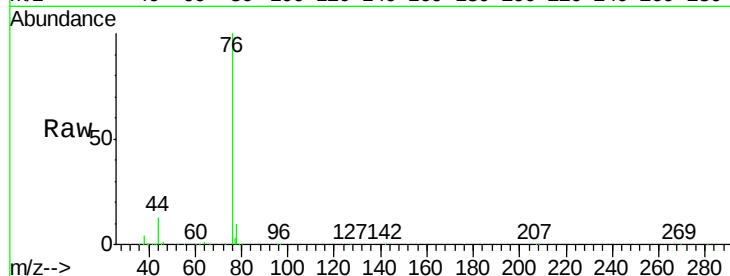
#17
Carbon Disulfide
Concen: 17.17 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.0

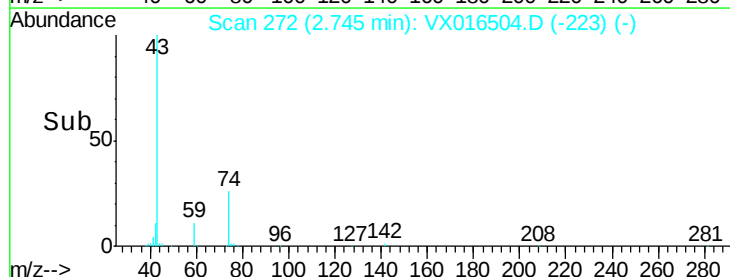
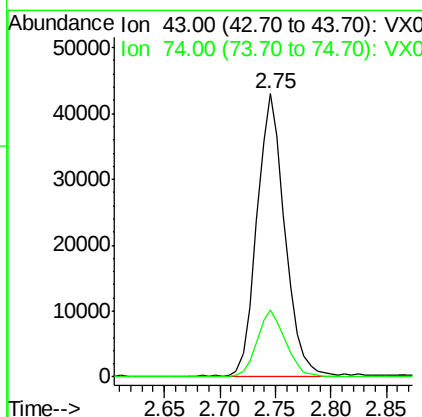
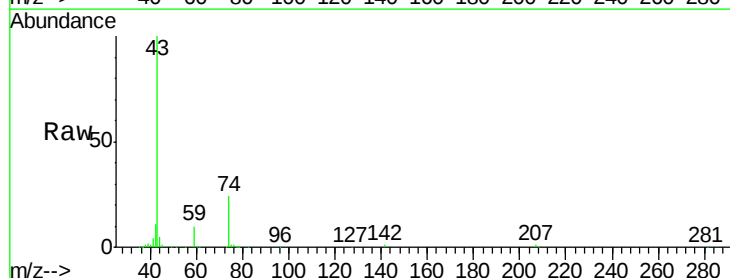
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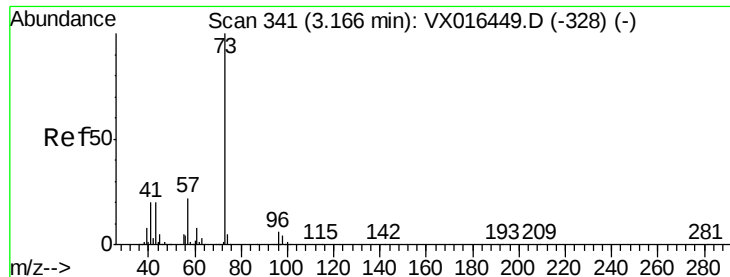
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#18
Methyl Acetate
Concen: 18.05 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.7	29.5





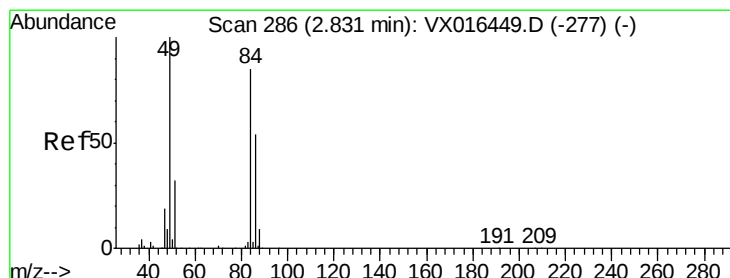
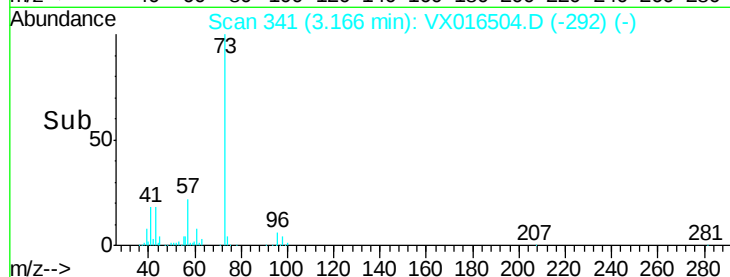
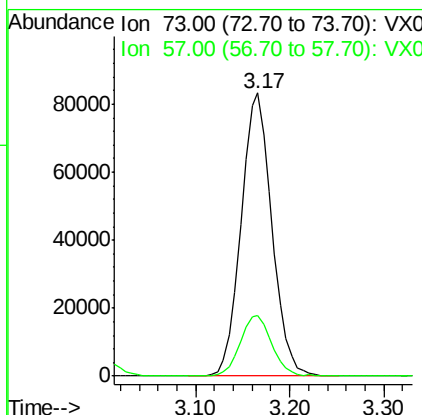
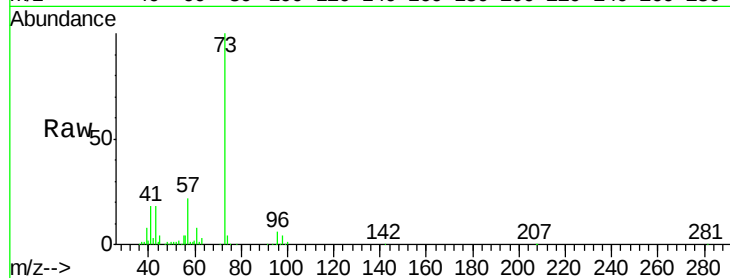
#19
Methyl tert-butyl Ether
Concen: 18.42 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

Tgt Ion: 73 Resp: 189648
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.6

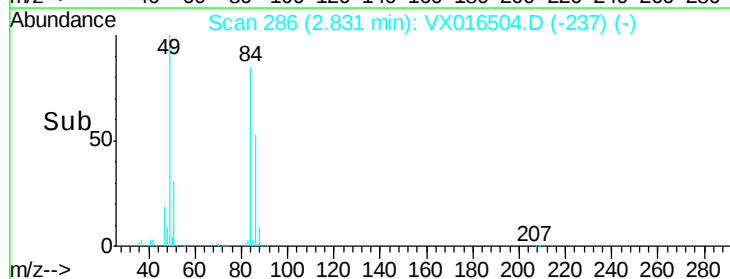
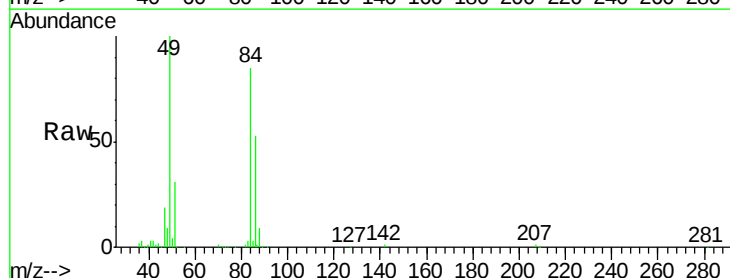
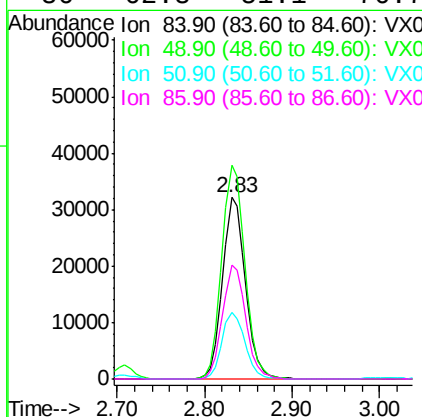
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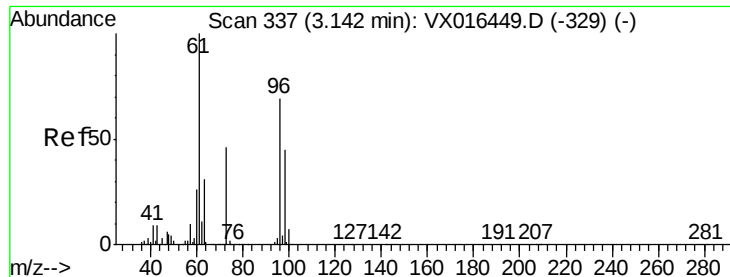
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#20
Methylene Chloride
Concen: 17.38 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Tgt Ion: 84 Resp: 58314
Ion Ratio Lower Upper
84 100
49 117.7 94.5 141.7
51 36.8 30.2 45.4
86 62.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.78 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

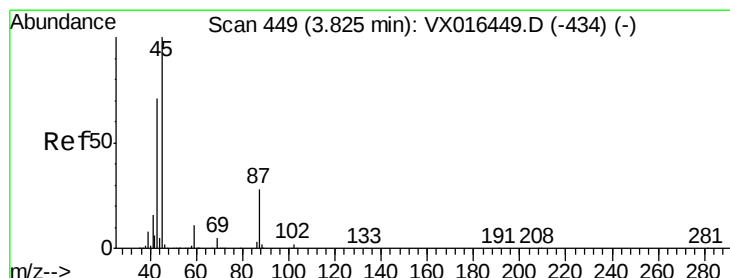
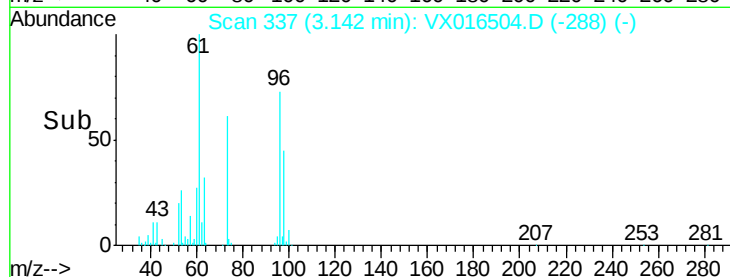
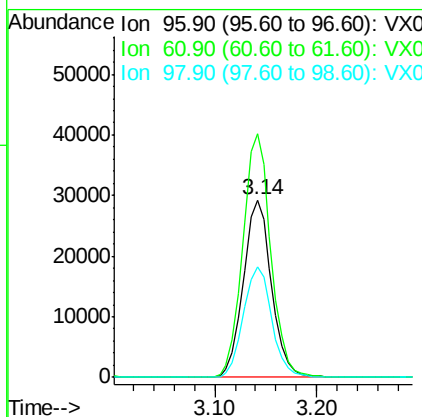
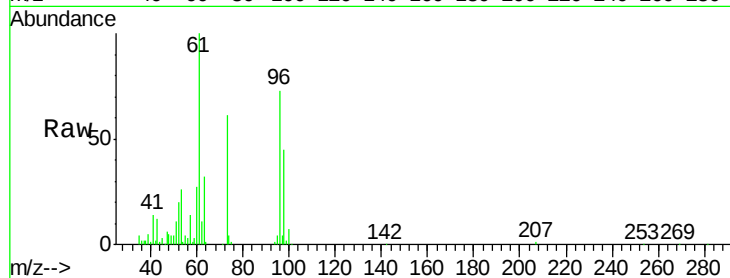
ClientSampled :

VX0529WBSD01

Tgt Ion:	96	Resp:	56383
Ion Ratio	Lower	Upper	
96	100		
61	137.5	115.3	172.9
98	62.4	51.9	77.9

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#22

Diisopropyl ether

Concen: 18.20 ug/l

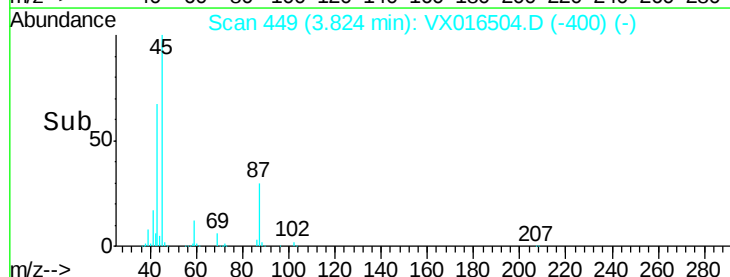
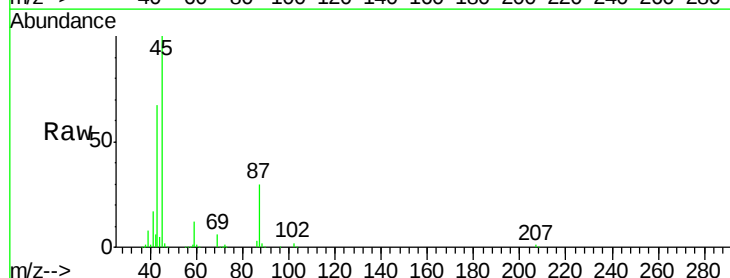
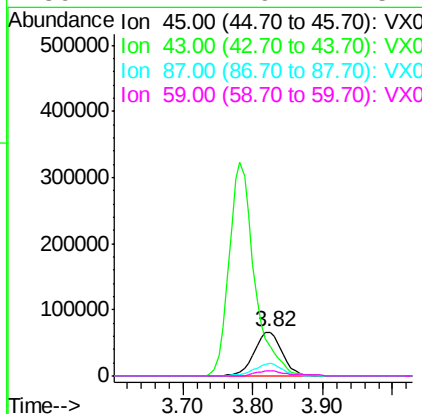
RT: 3.82 min Scan# 449

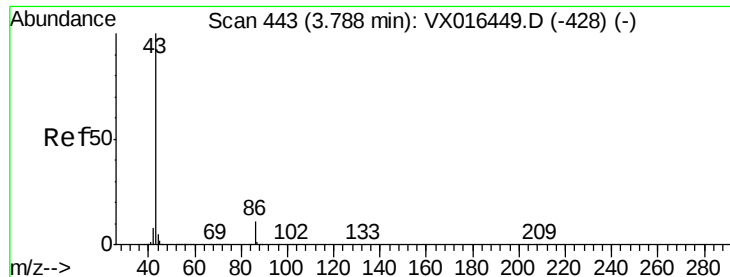
Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Tgt Ion:	45	Resp:	184375
Ion Ratio	Lower	Upper	
45	100		
43	67.3	57.0	85.6
87	29.9	22.5	33.7
59	12.1	9.1	13.7





#23

Vinyl Acetate

Concen: 91.92 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

Tgt Ion: 43 Resp: 815121

Ion Ratio Lower Upper

43 100

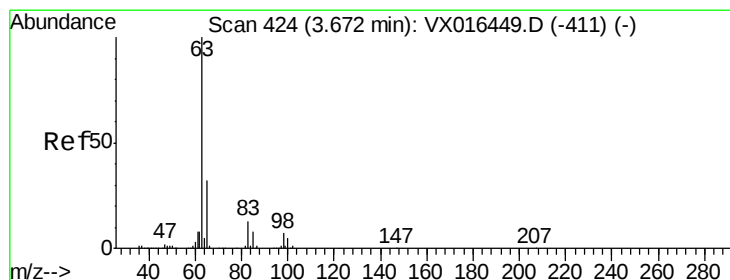
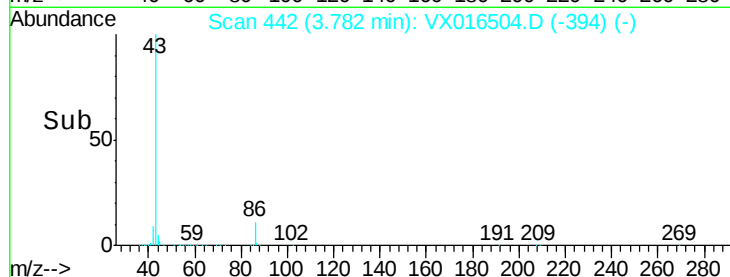
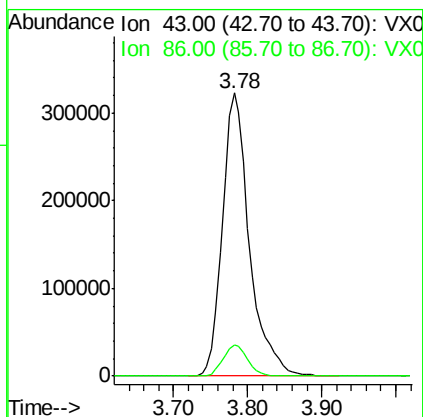
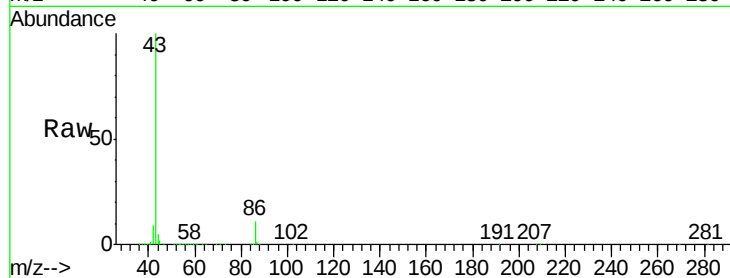
86 11.2 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 18.01 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

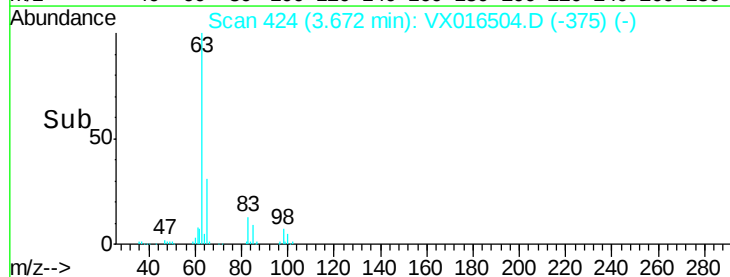
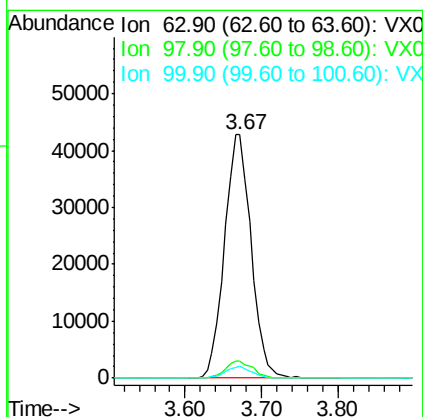
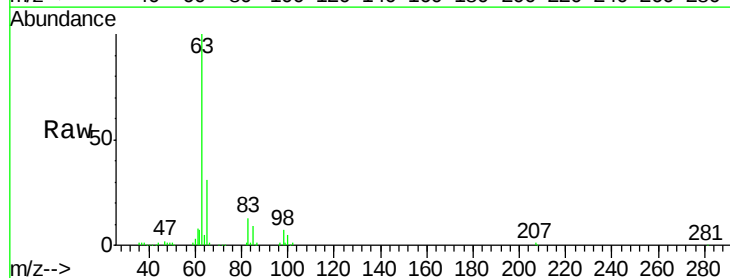
Tgt Ion: 63 Resp: 102957

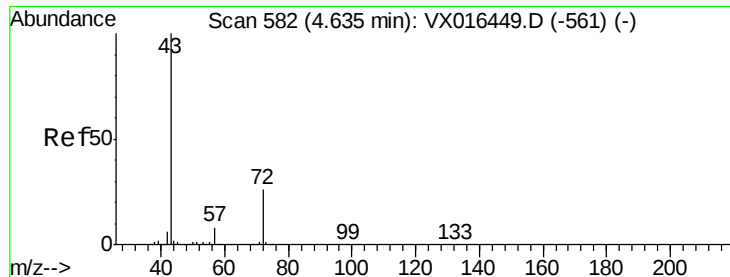
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 5.1 2.4 7.1





#25

2-Butanone

Concen: 88.43 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

Tgt Ion: 43 Resp: 242959

Ion Ratio Lower Upper

43 100

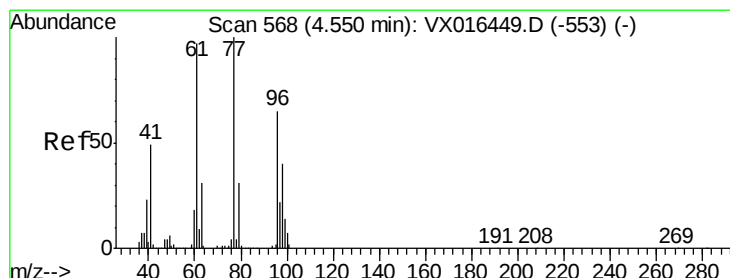
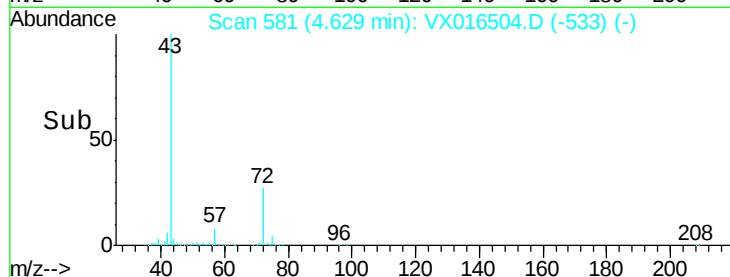
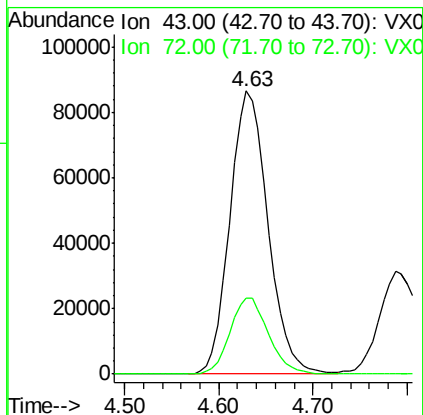
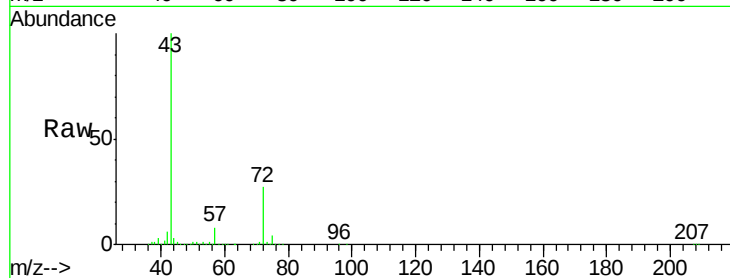
72 26.5 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 19.19 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016504.D

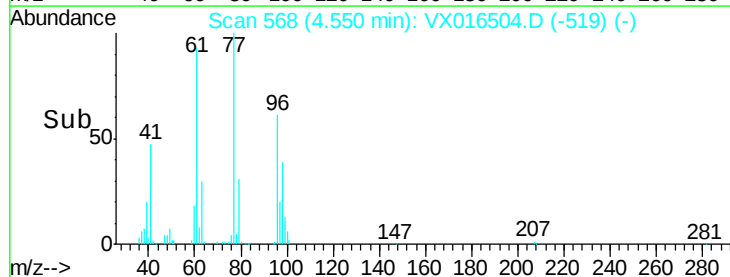
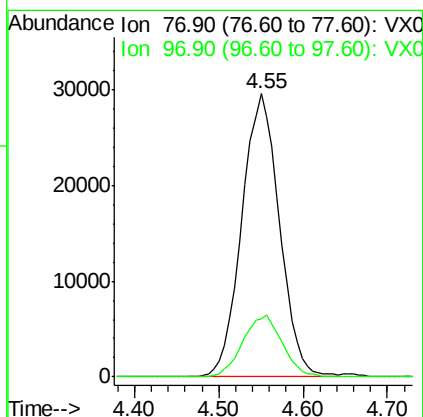
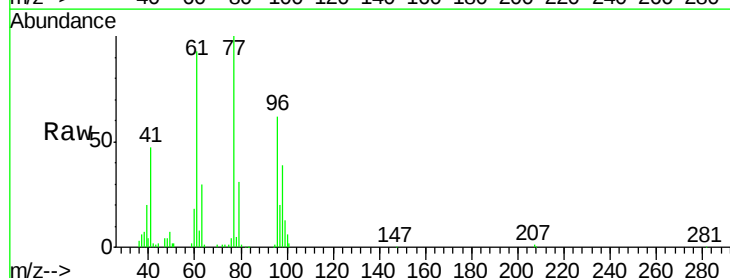
Acq: 29 May 2020 12:38

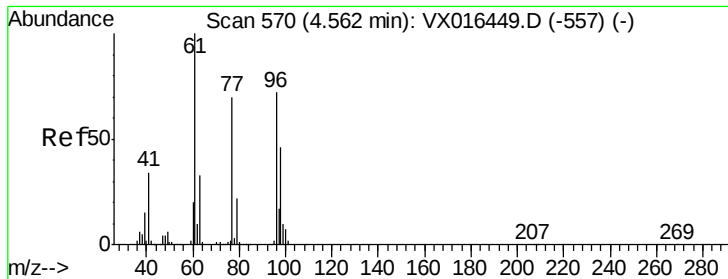
Tgt Ion: 77 Resp: 89803

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.4





#27

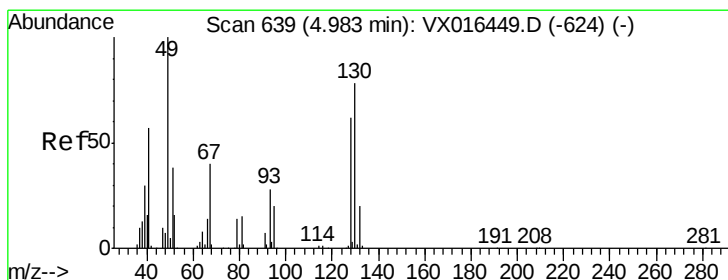
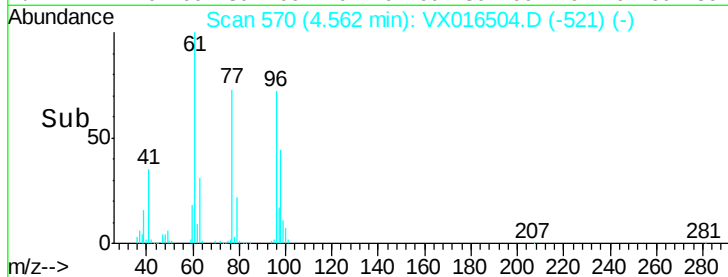
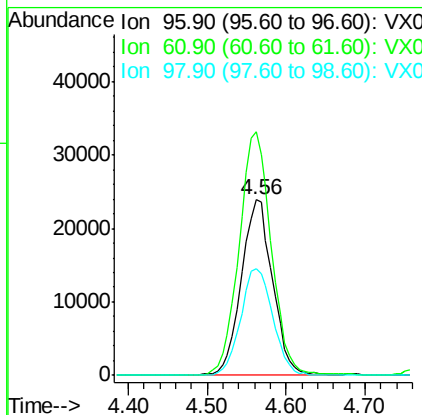
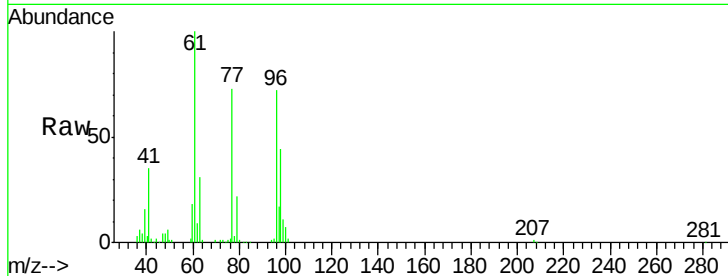
cis-1,2-Dichloroethene
Concen: 17.97 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	65925		
61	143.1	0.0	284.6	
98	62.4	0.0	127.2	

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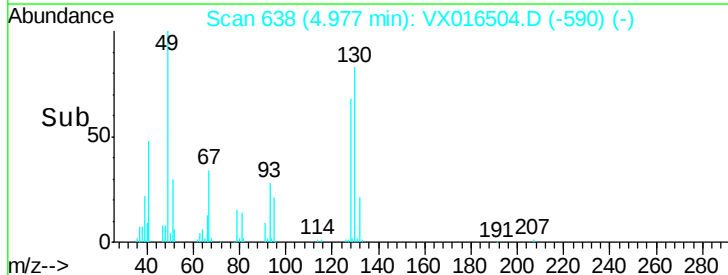
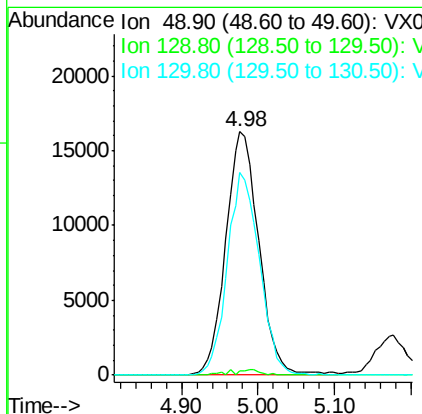
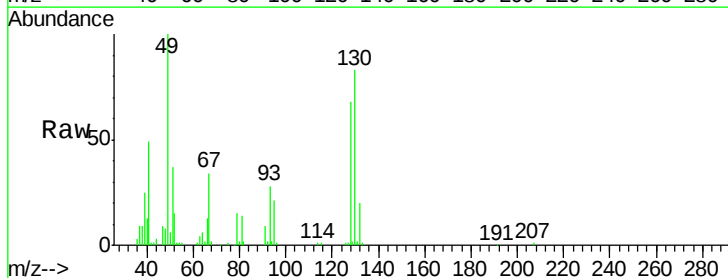
MMDadoda
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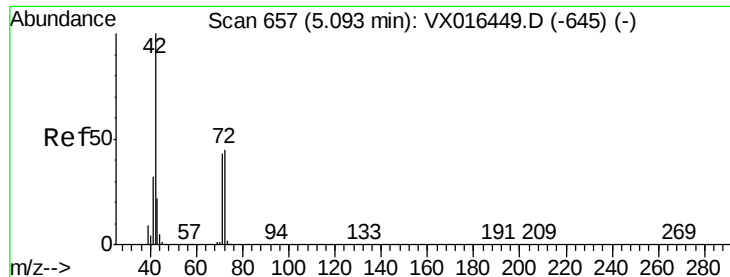


#28

Bromochloromethane
Concen: 18.40 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	48880		
129	0.3	0.0	4.0	
130	80.4	63.0	94.4	





#29

Tetrahydrofuran

Concen: 91.20 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

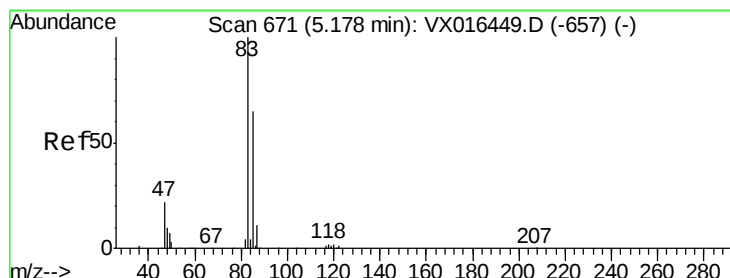
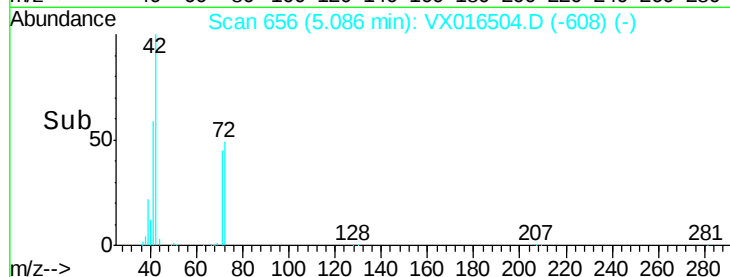
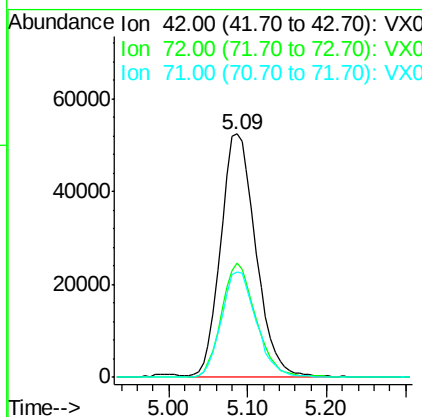
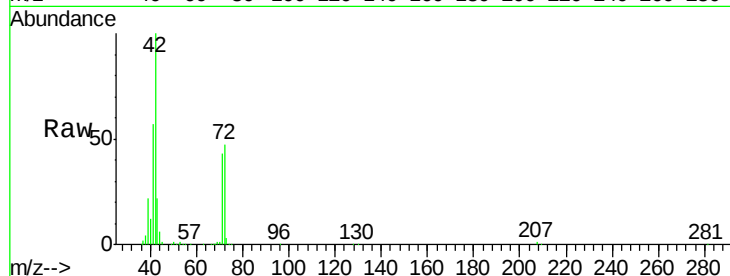
ClientSampled :

VX0529WBSD01

Tgt Ion:	42	Resp:	161882
Ion Ratio		Lower	Upper
42	100		
72	46.1	37.0	55.4
71	43.2	34.1	51.1

Manual Integrations
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#30

Chloroform

Concen: 17.91 ug/l

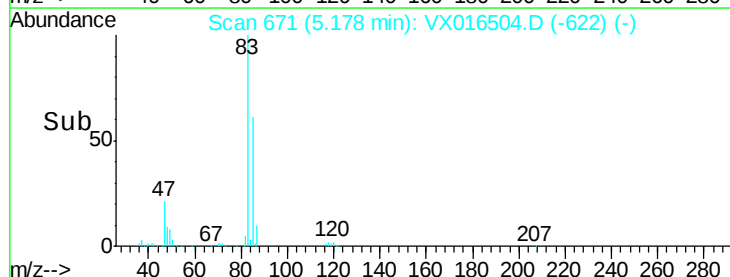
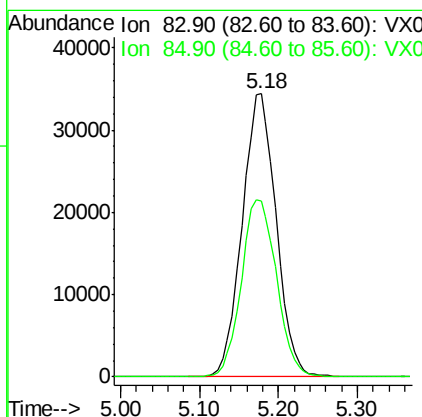
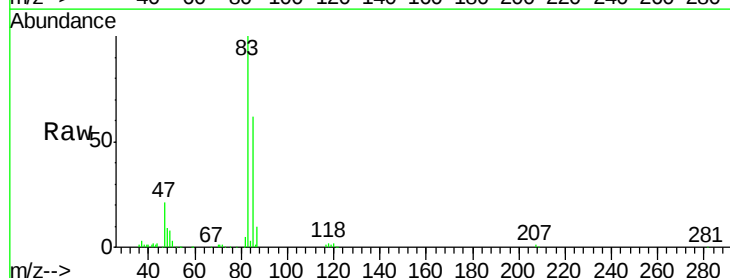
RT: 5.18 min Scan# 671

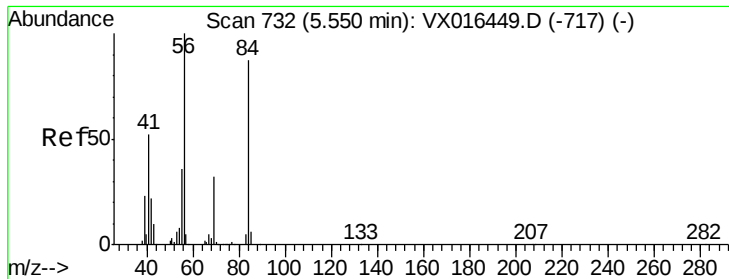
Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Tgt Ion:	83	Resp:	103180
Ion Ratio		Lower	Upper
83	100		
85	61.9	52.0	78.0





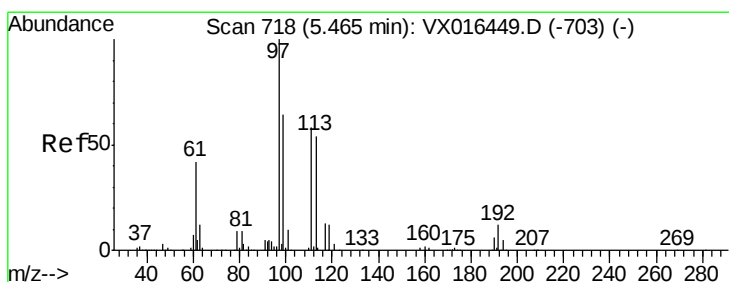
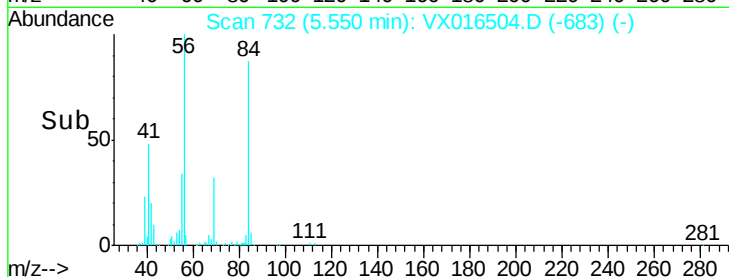
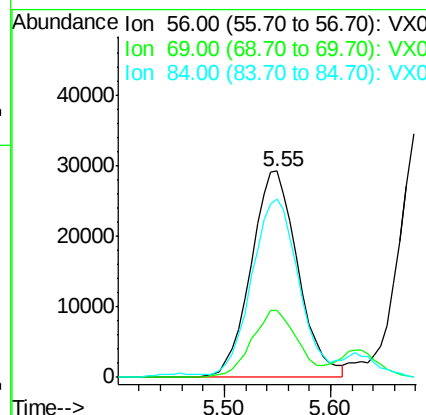
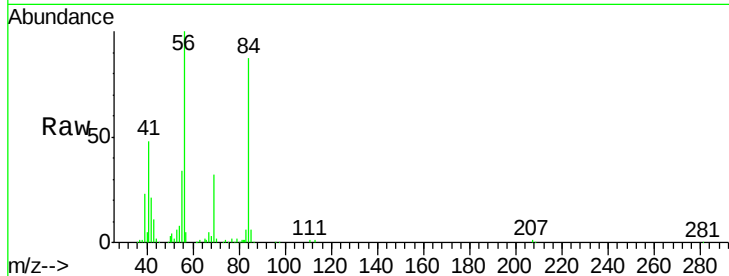
#31
Cyclohexane
Concen: 17.49 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.7	38.5
84	84.9	70.0	105.0

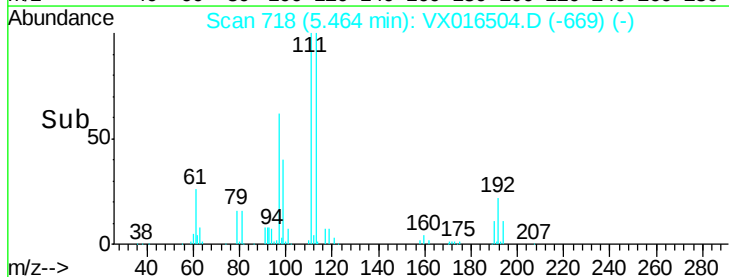
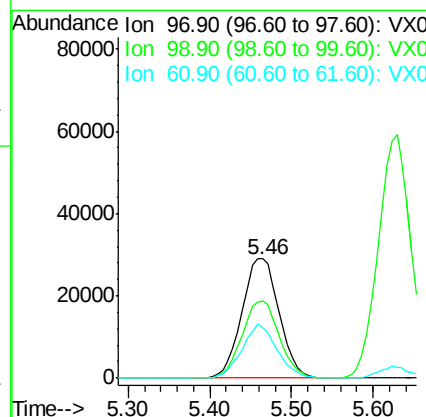
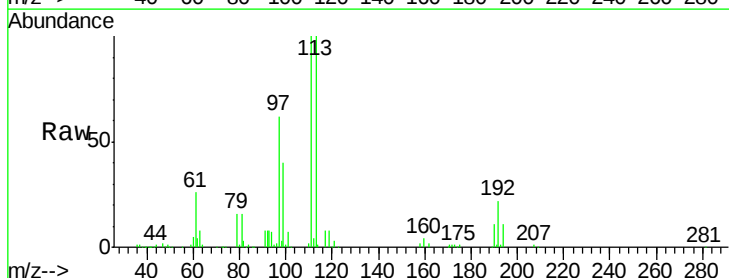
Manual Integrations
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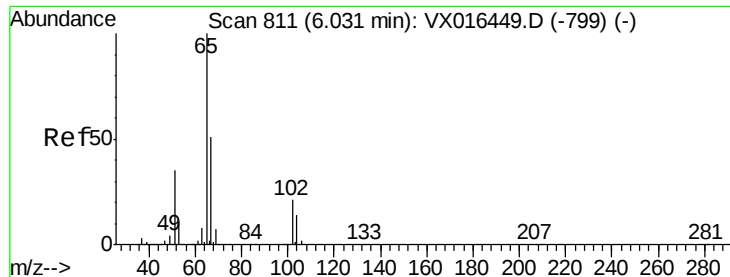
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#32
1,1,1-Trichloroethane
Concen: 17.68 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	42.5	33.5	50.3





#33

1,2-Dichloroethane-d4

Concen: 46.76 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

Tgt Ion: 65 Resp: 173043

Ion Ratio Lower Upper

65 100

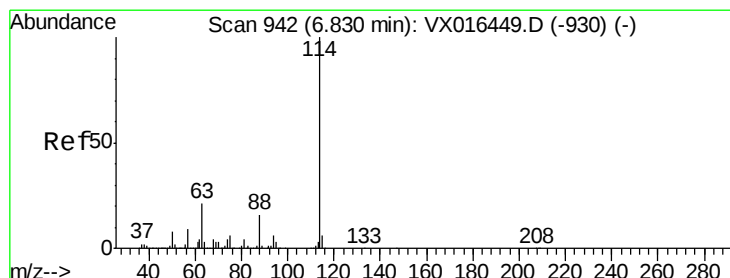
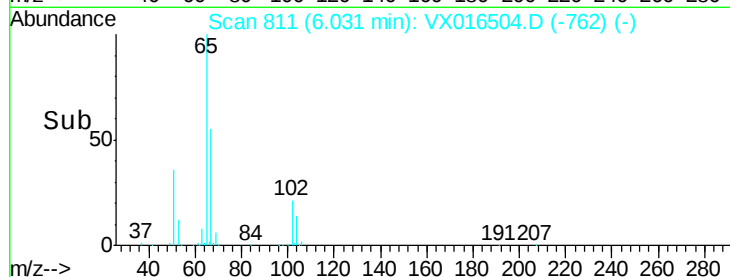
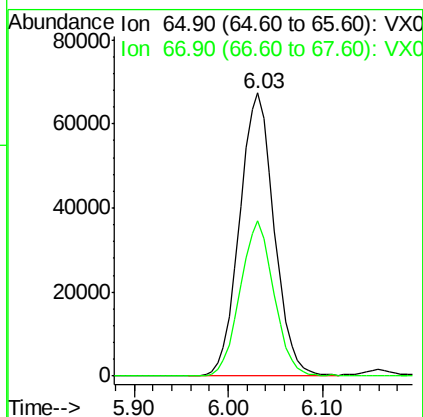
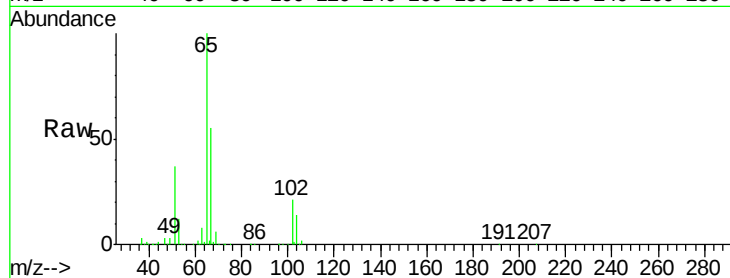
67 53.4 0.0 104.8

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6/1/2020 12:28:11 PM



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

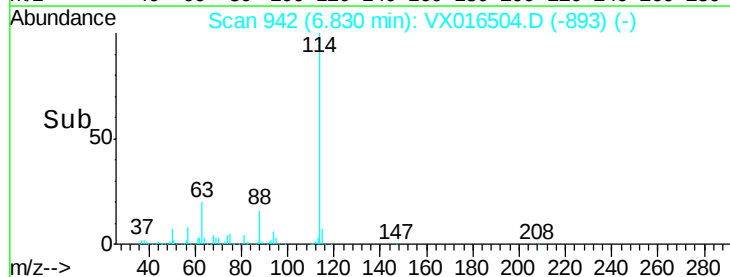
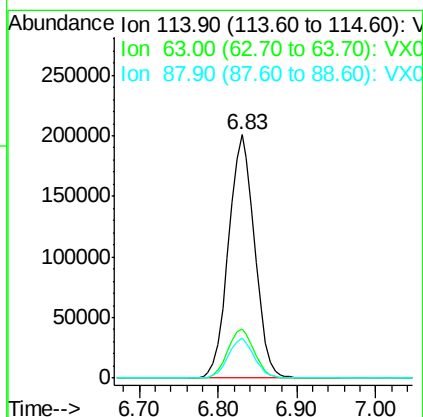
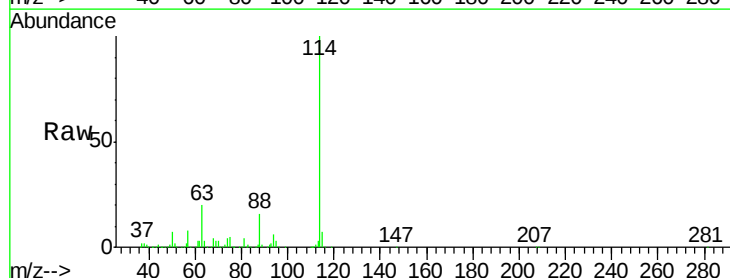
Tgt Ion: 114 Resp: 461591

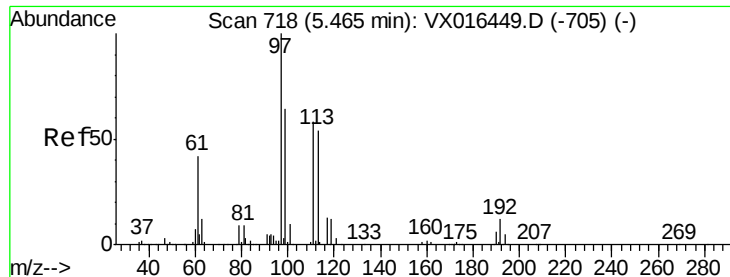
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.94 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

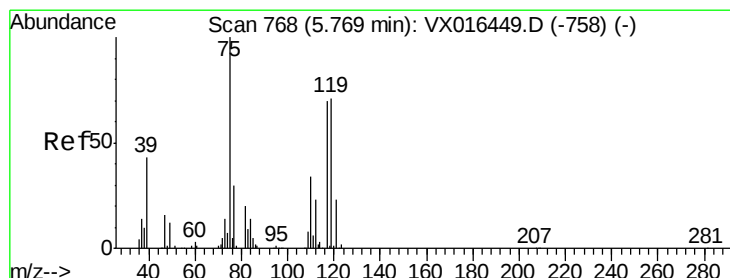
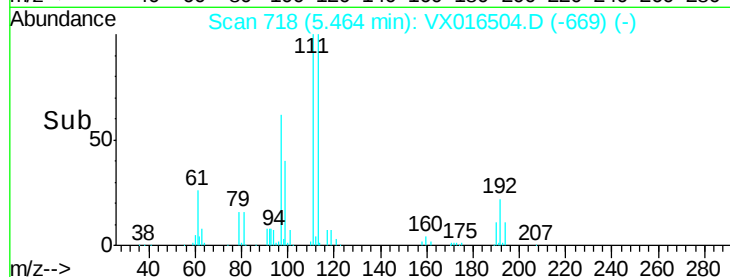
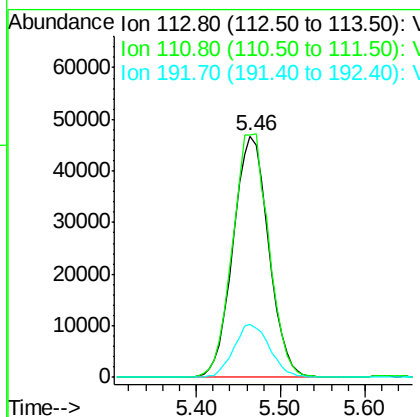
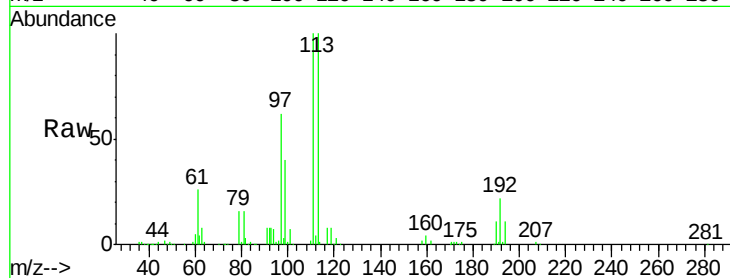
ClientSampleId :

VX0529WBSD01

Tgt Ion:	113	Resp:	133427
Ion Ratio	Lower	Upper	
113	100		
111	103.0	83.0	124.6
192	22.2	17.7	26.5

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#36

1,1-Dichloropropene

Concen: 17.62 ug/l

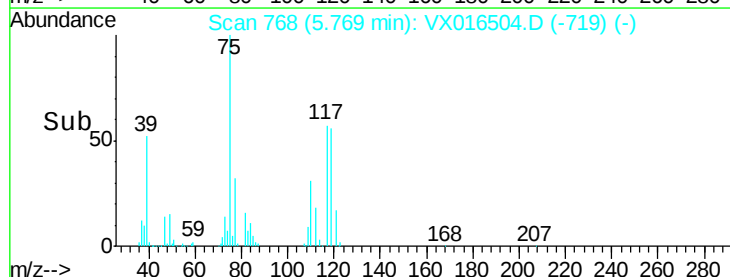
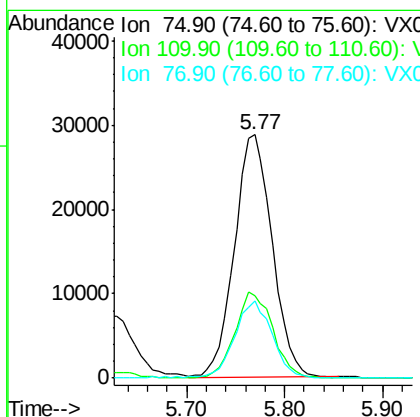
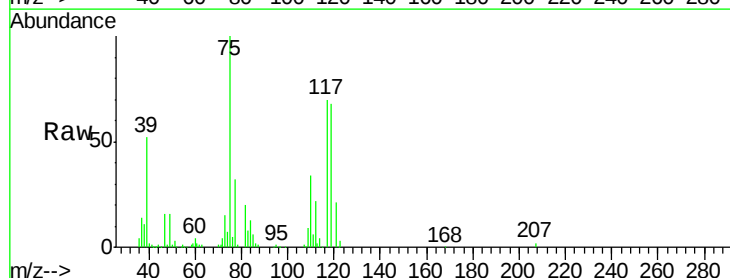
RT: 5.77 min Scan# 768

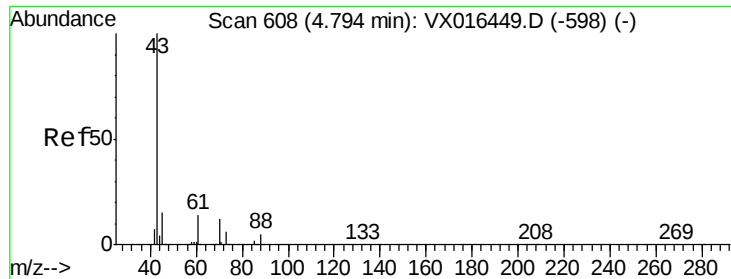
Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Tgt Ion:	75	Resp:	77025
Ion Ratio	Lower	Upper	
75	100		
110	35.7	17.4	52.3
77	31.6	24.2	36.4





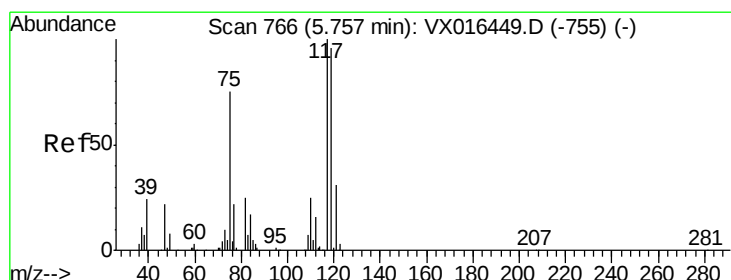
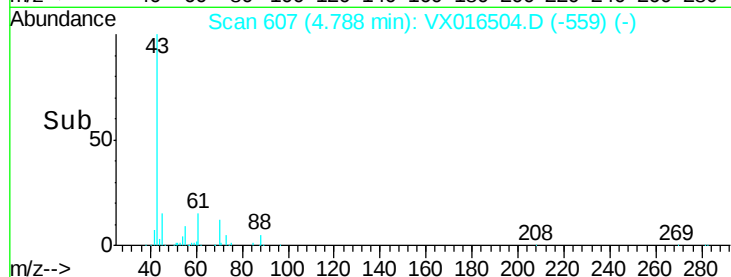
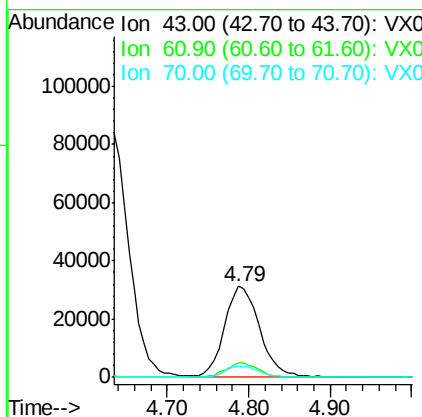
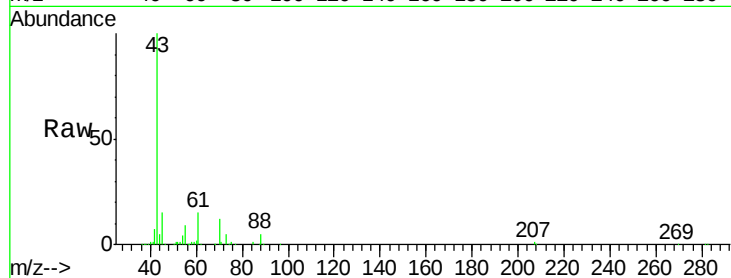
#37
Ethyl Acetate
Concen: 17.59 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.3	16.9
70	12.5	9.3	13.9

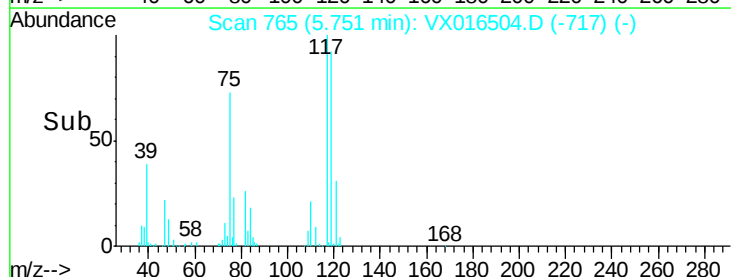
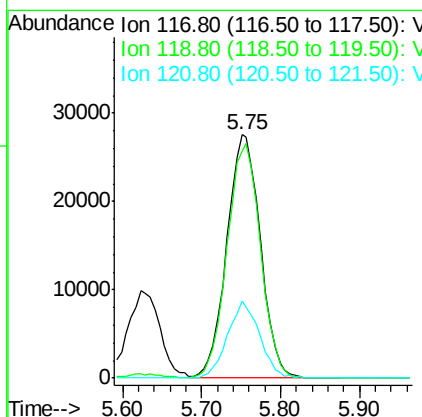
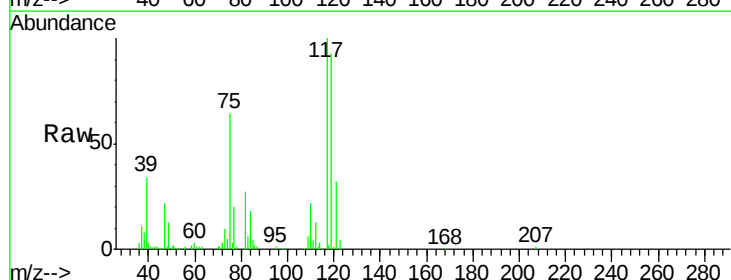
Manual Integrations
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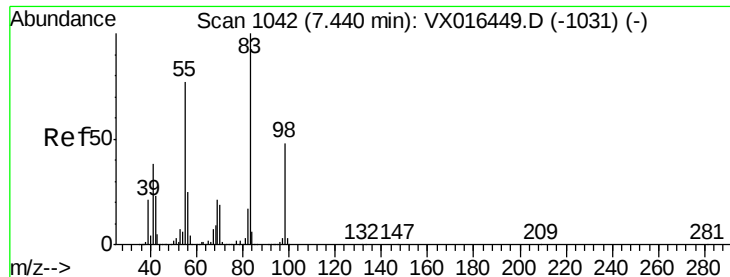
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#38
Carbon Tetrachloride
Concen: 17.77 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.3	114.5
121	31.8	24.6	37.0





#39

Methylcyclohexane

Concen: 18.50 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

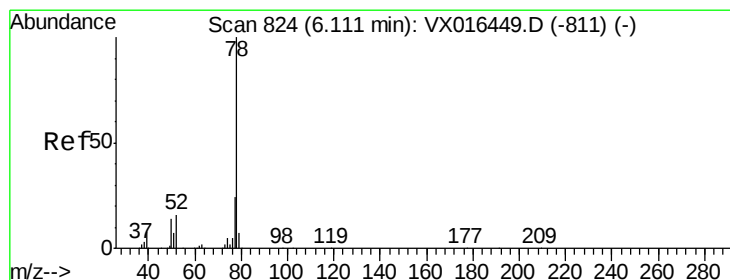
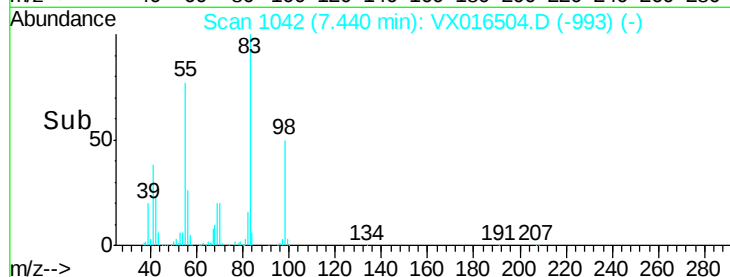
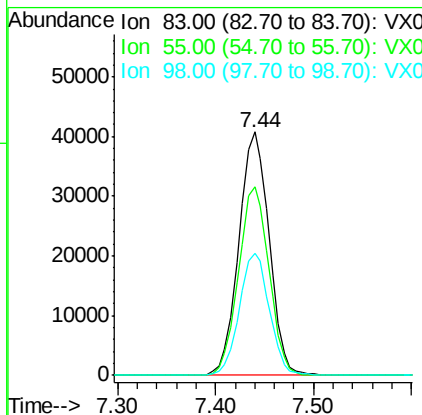
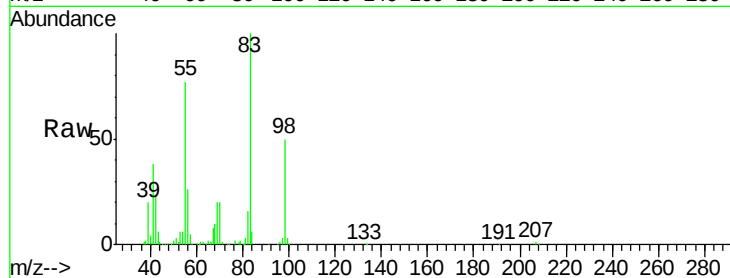
ClientSampleId :

VX0529WBSD01

Tgt Ion:	83	Resp:	87832
Ion	Ratio	Lower	Upper
83	100		
55	77.3	61.7	92.5
98	49.9	38.7	58.1

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#40

Benzene

Concen: 18.00 ug/l

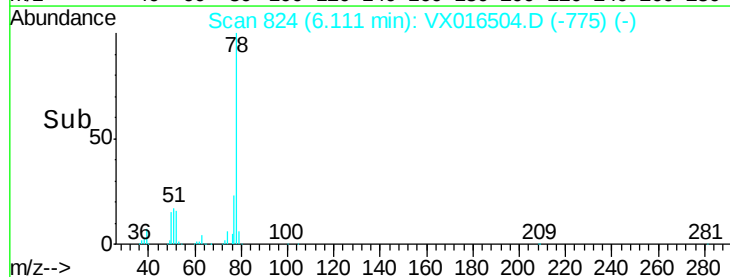
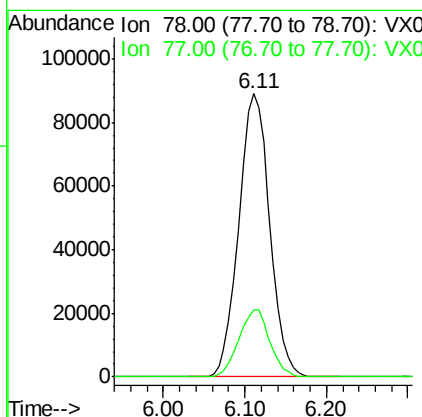
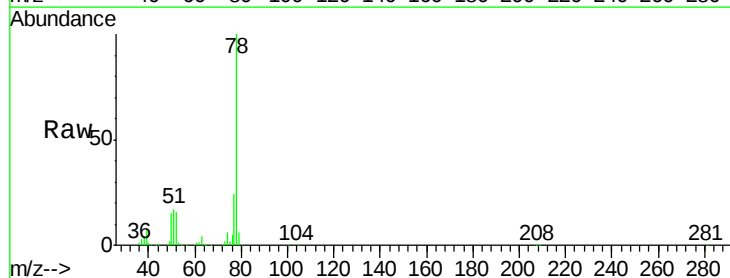
RT: 6.11 min Scan# 824

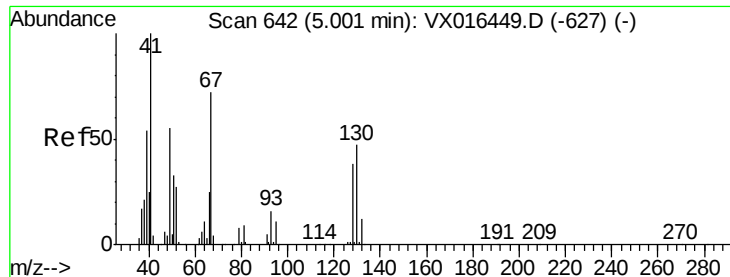
Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Tgt Ion:	78	Resp:	234281
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3





#41

Methacrylonitrile

Concen: 17.89 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

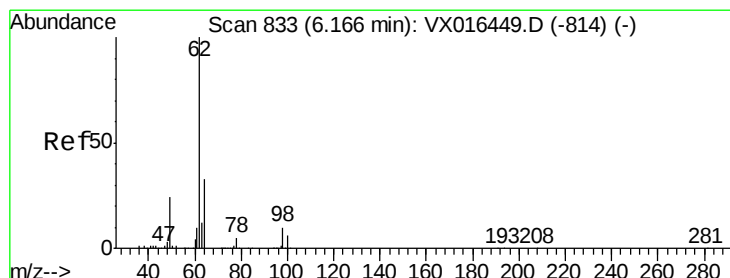
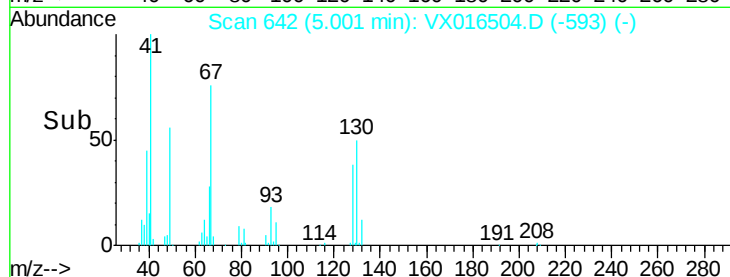
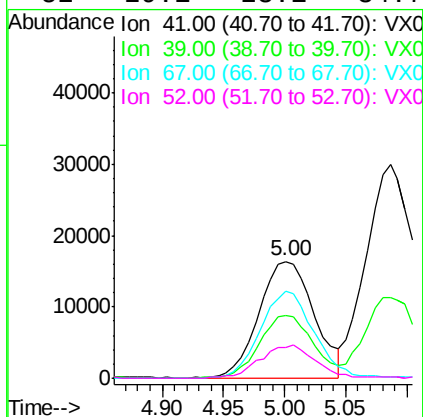
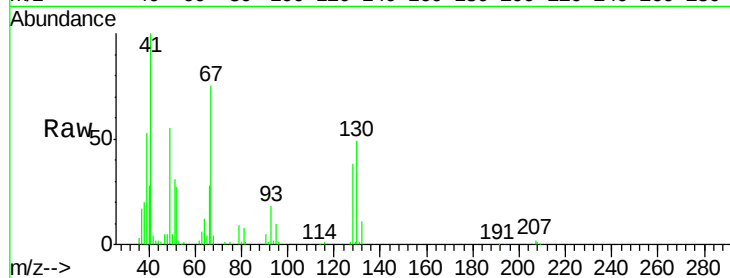
ClientSampleId :

VX0529WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.2	43.0	64.4
67	72.8	58.9	88.3
52	29.1	23.1	34.7

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.21 ug/l

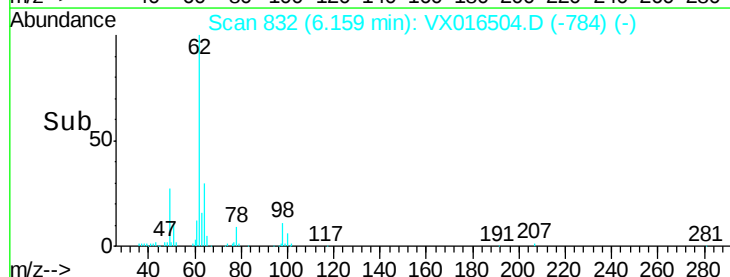
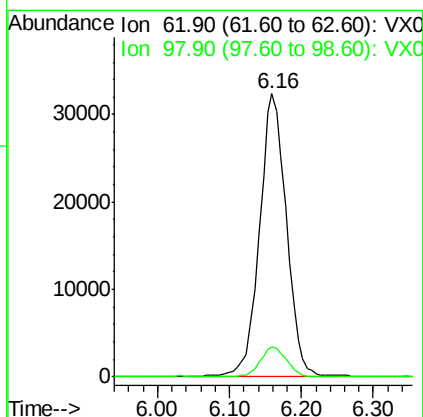
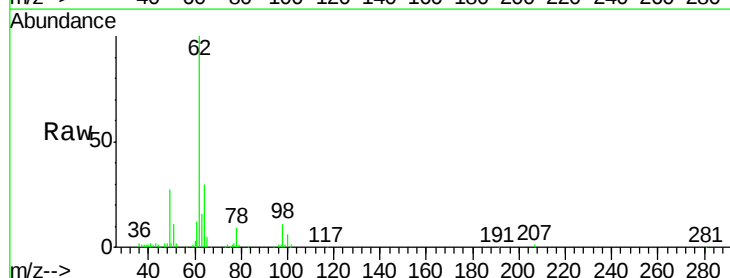
RT: 6.16 min Scan# 832

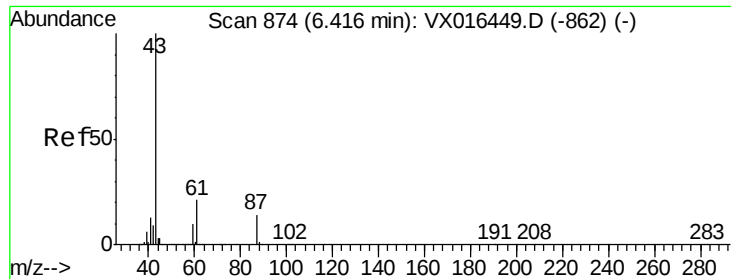
Delta R.T. -0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.8





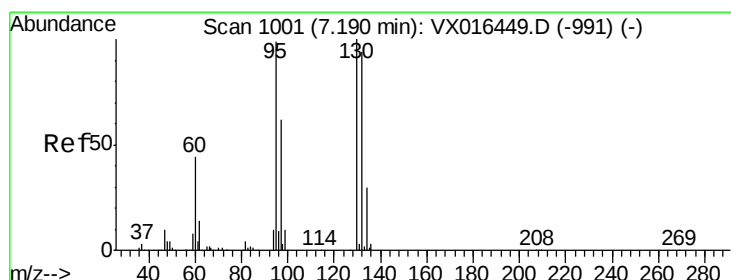
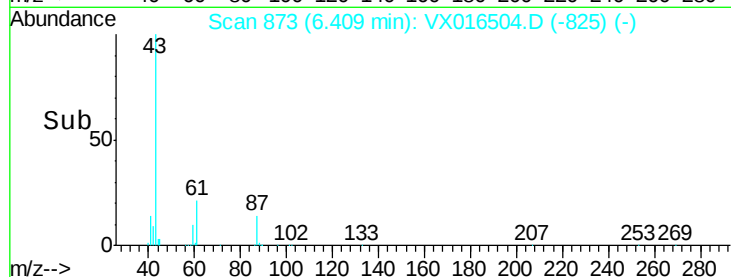
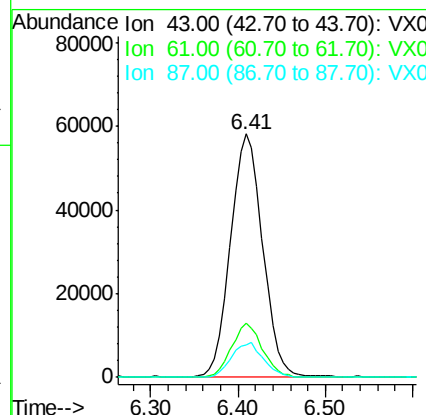
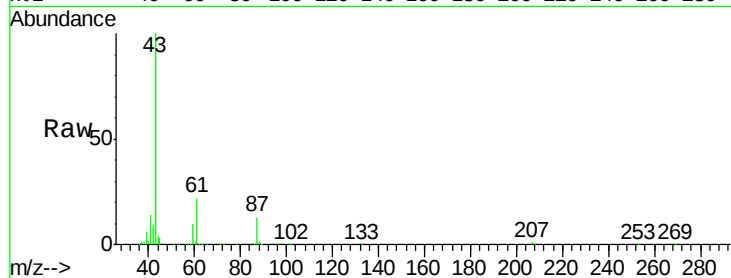
#43
Isopropyl Acetate
Concen: 18.03 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.6	16.8	25.2
87	14.3	11.2	16.8

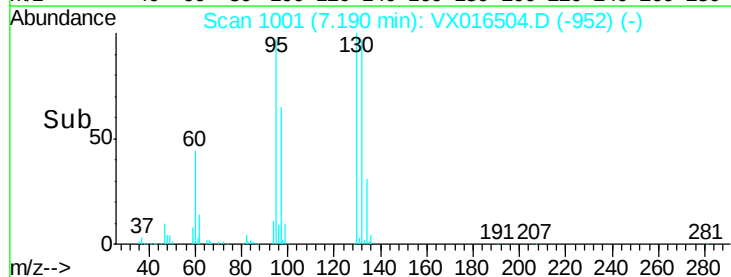
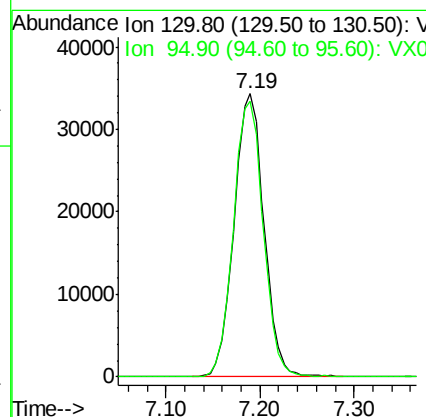
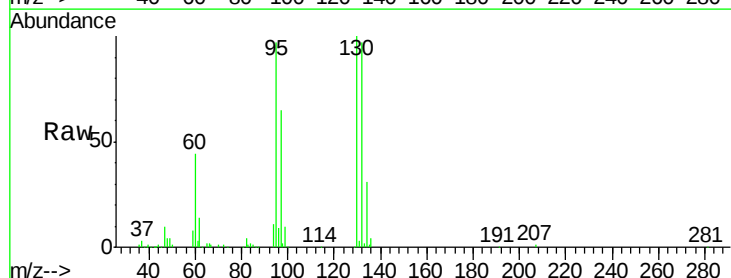
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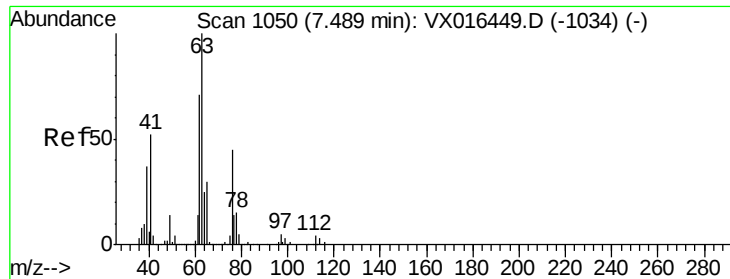
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#44
Trichloroethene
Concen: 18.31 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	198.2





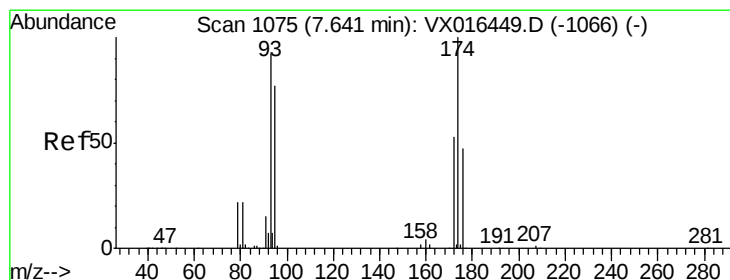
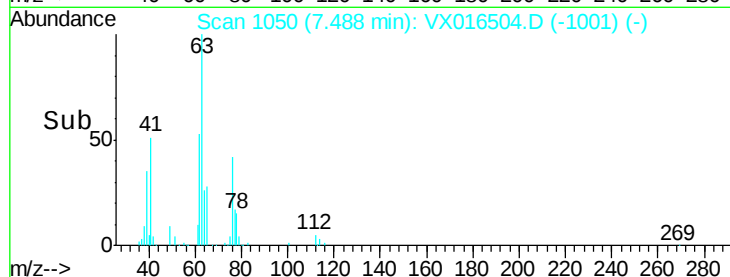
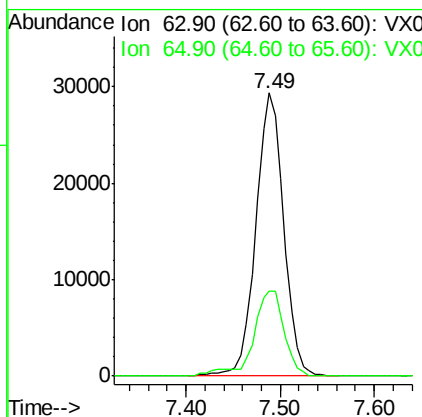
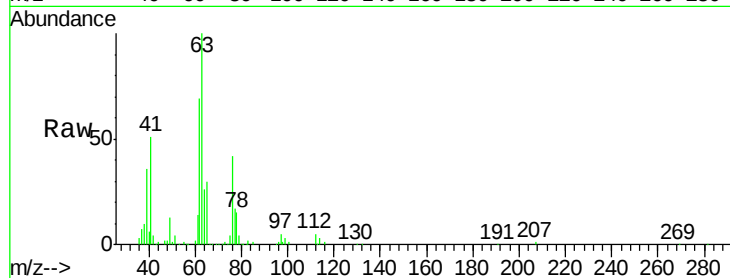
#45
 1,2-Dichloropropane
 Concen: 18.28 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

Tgt Ion: 63 Resp: 60576
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.2 36.2

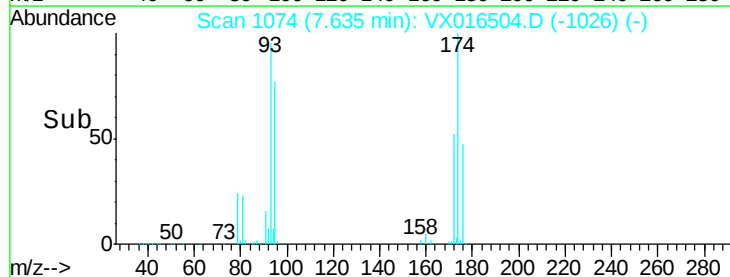
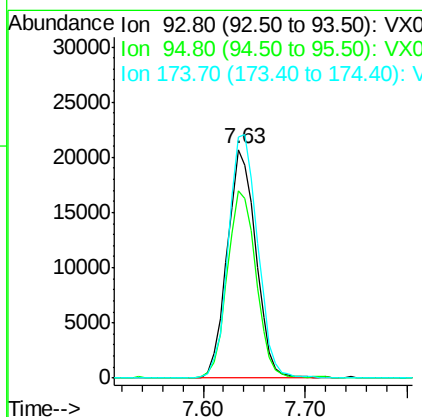
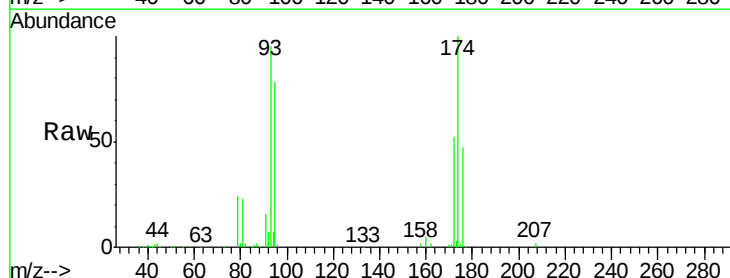
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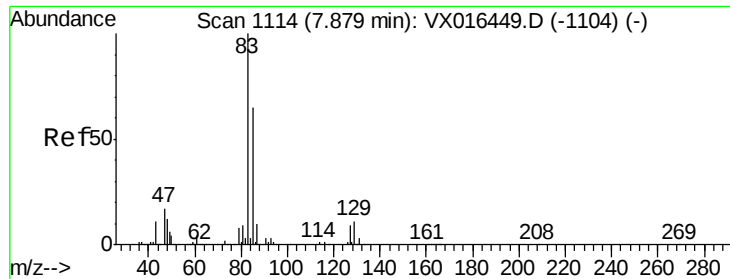
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#46
 Dibromomethane
 Concen: 18.09 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Tgt Ion: 93 Resp: 40257
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.6 100.0
 174 108.9 86.2 129.4





#47

Bromodichloromethane

Concen: 17.96 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

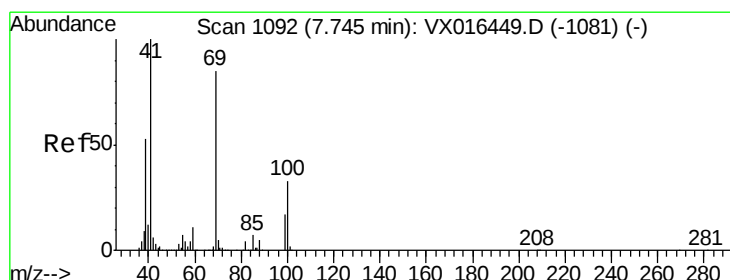
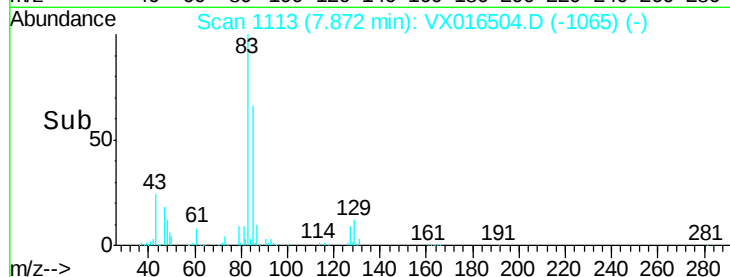
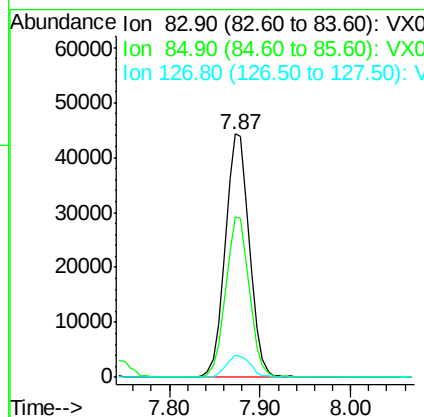
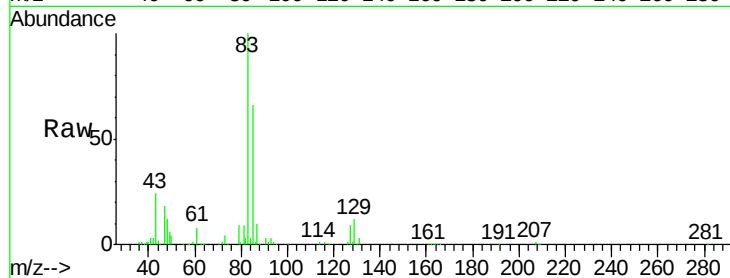
ClientSampleId :

VX0529WBSD01

Tgt Ion:	83	Resp:	82761
Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.0	78.0
127	9.1	7.4	11.0

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#48

Methyl methacrylate

Concen: 17.64 ug/l

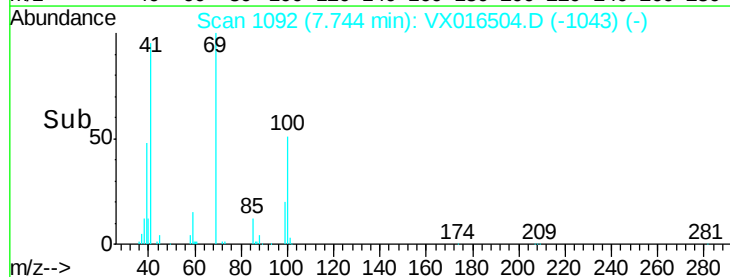
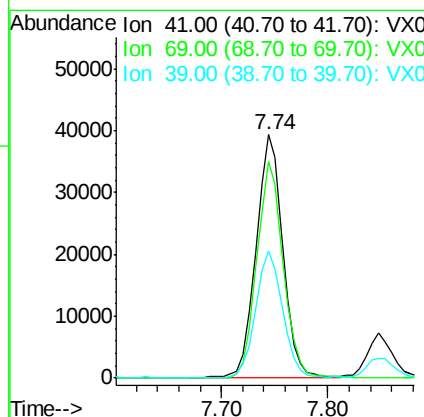
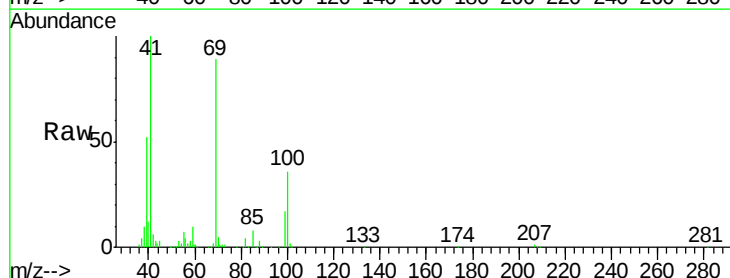
RT: 7.74 min Scan# 1092

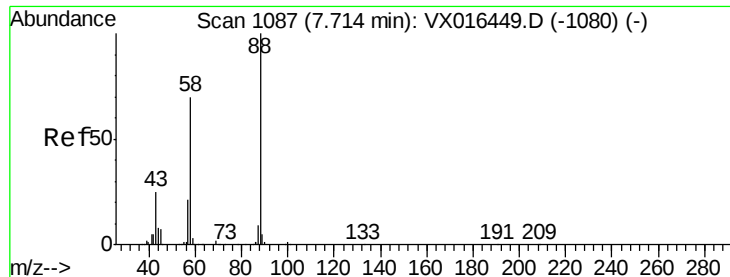
Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Tgt Ion:	41	Resp:	69136
Ion	Ratio	Lower	Upper
41	100		
69	88.5	68.6	102.8
39	52.4	42.4	63.6





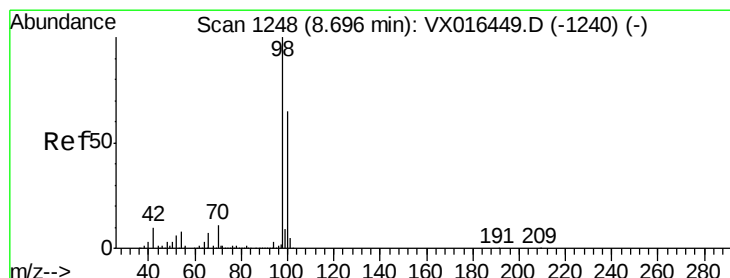
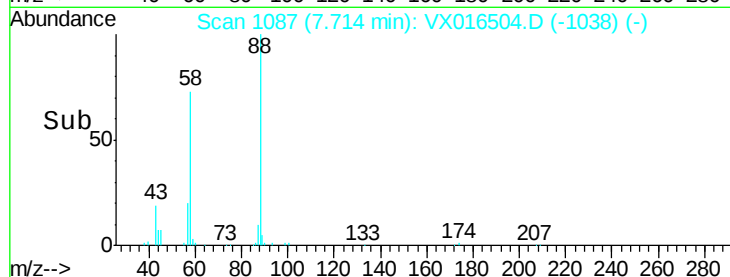
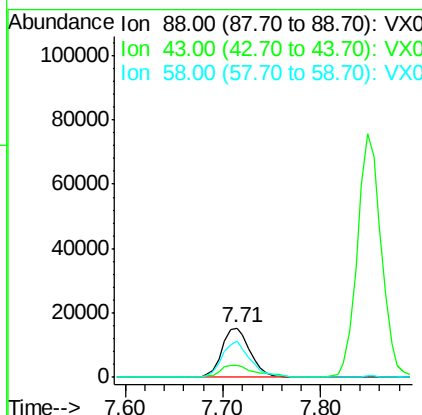
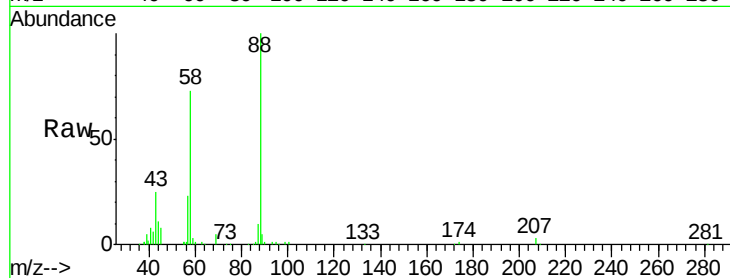
#49
1,4-Dioxane
Concen: 339.46 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.8	24.2	36.4
58	72.1	56.5	84.7

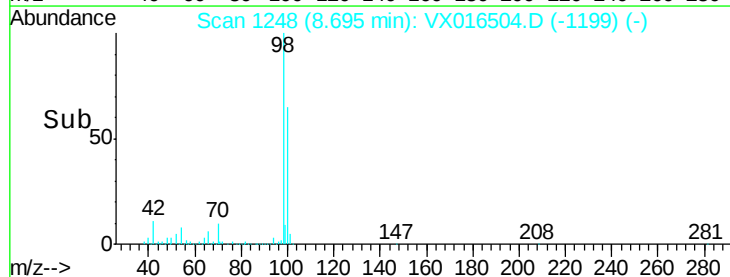
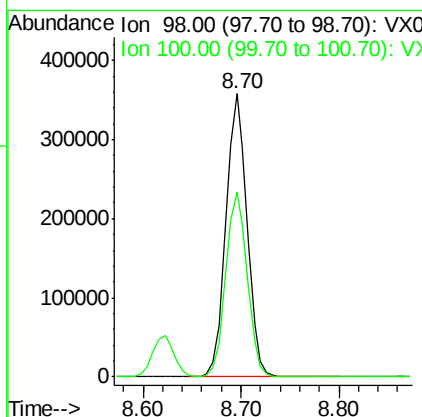
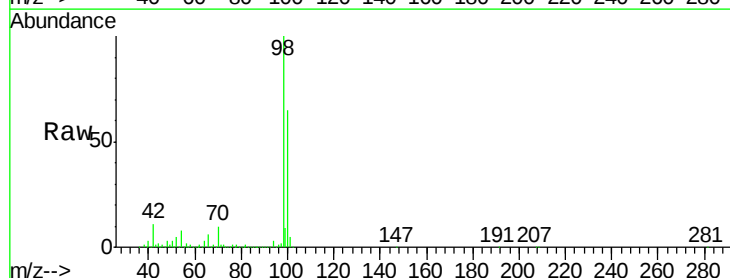
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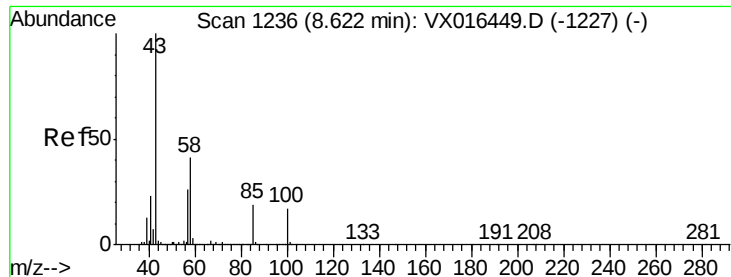
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#50
Toluene-d8
Concen: 48.34 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.8	80.6





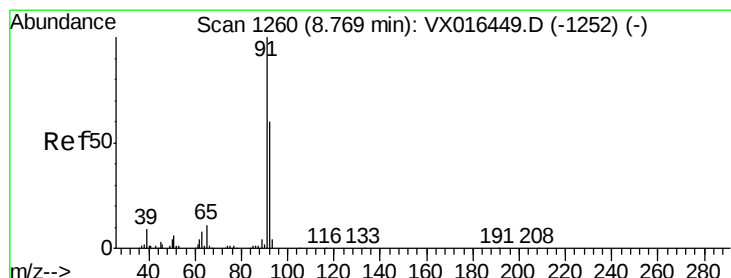
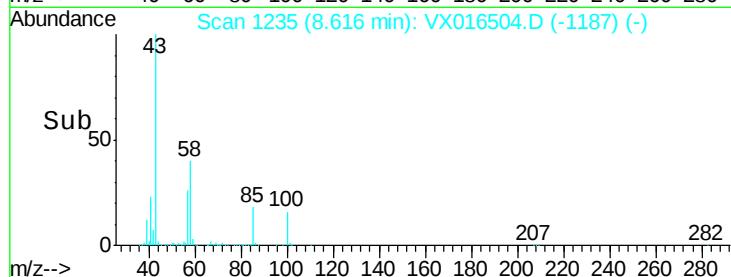
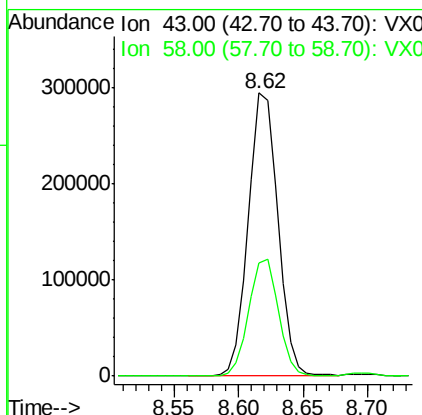
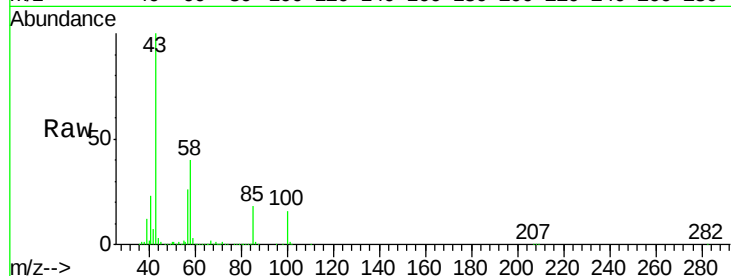
#51
 4-Methyl-2-Pentanone
 Concen: 91.46 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

Tgt Ion: 43 Resp: 466081
 Ion Ratio Lower Upper
 43 100
 58 41.5 33.0 49.6

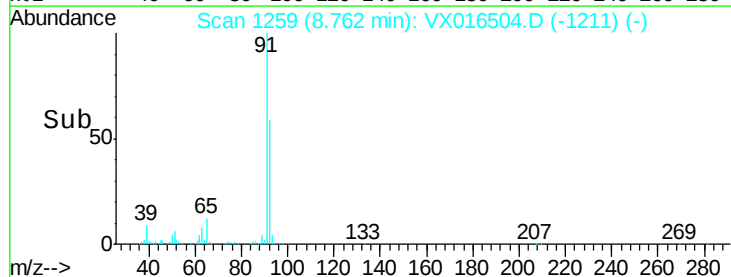
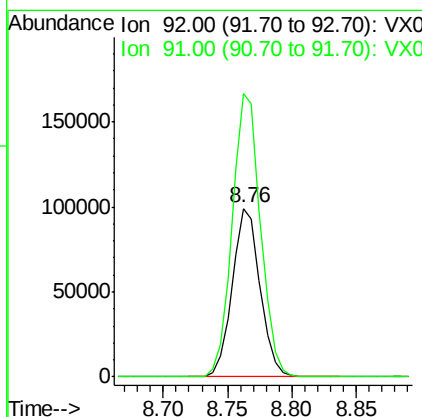
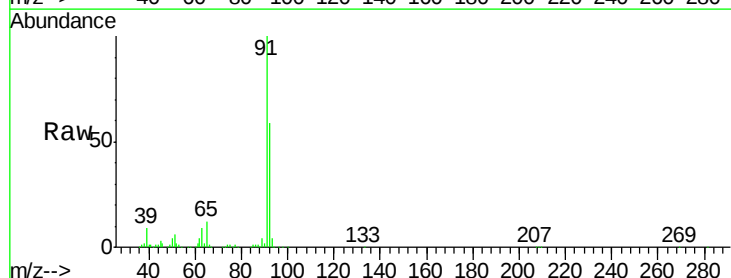
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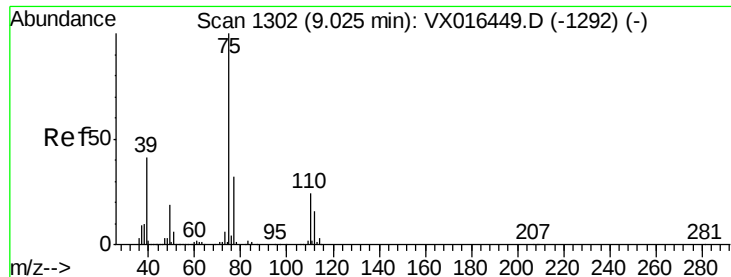
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#52
 Toluene
 Concen: 18.17 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Tgt Ion: 92 Resp: 149119
 Ion Ratio Lower Upper
 92 100
 91 170.6 135.0 202.4





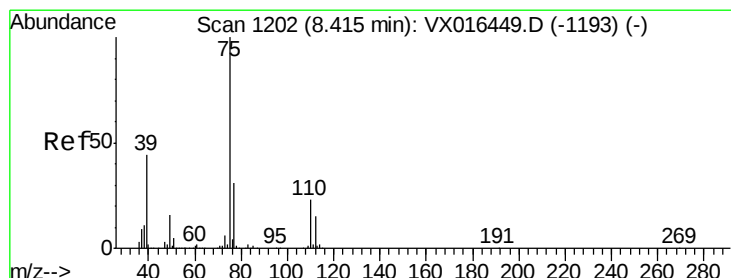
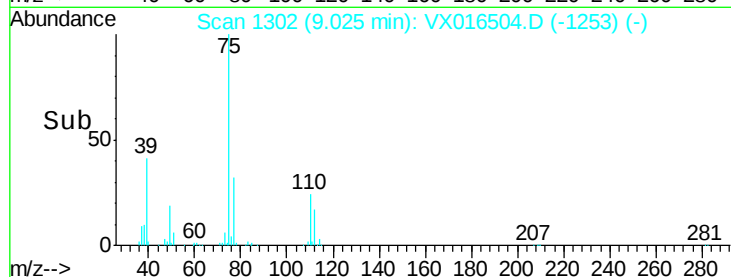
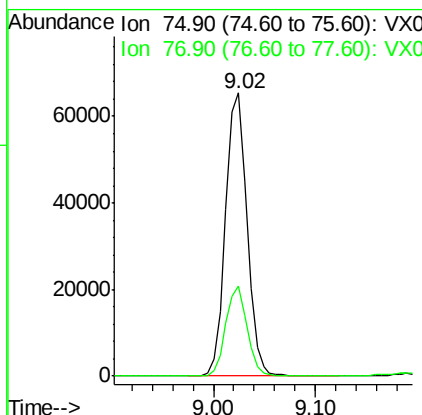
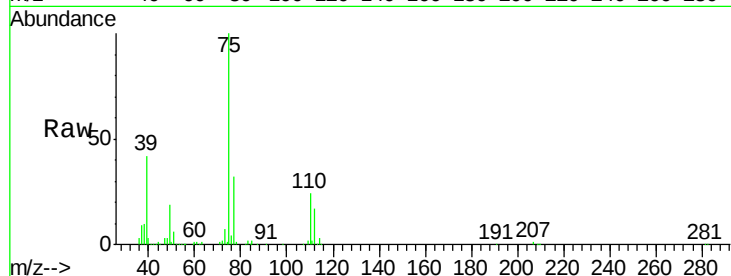
#53
 t-1,3-Dichloropropene
 Concen: 18.32 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Instrument :
 MSVOA_X
 ClientSampled :
 VX0529WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.5	38.3

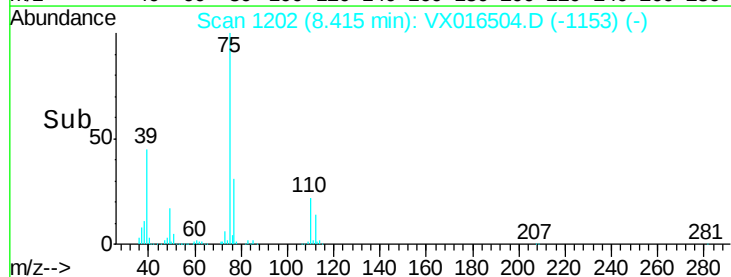
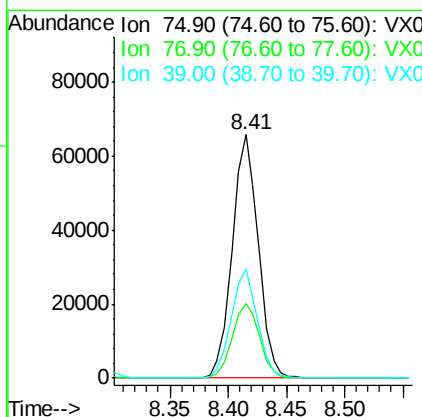
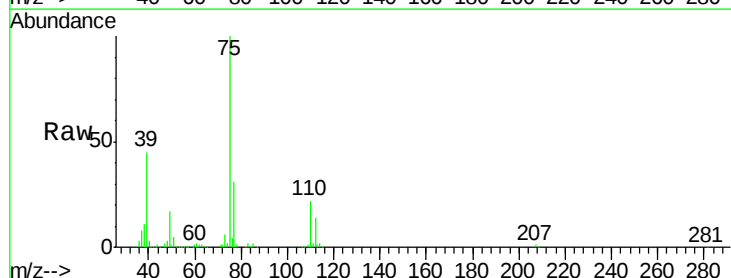
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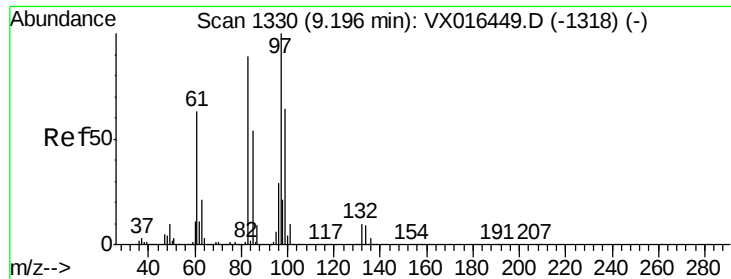
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#54
 cis-1,3-Dichloropropene
 Concen: 18.48 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	36.8
39	45.0	35.3	52.9





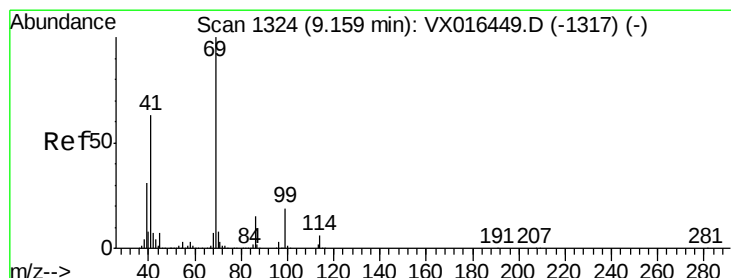
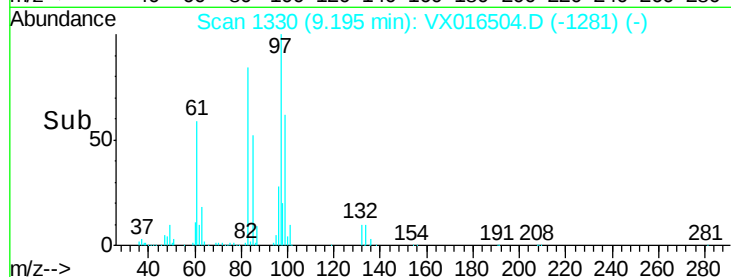
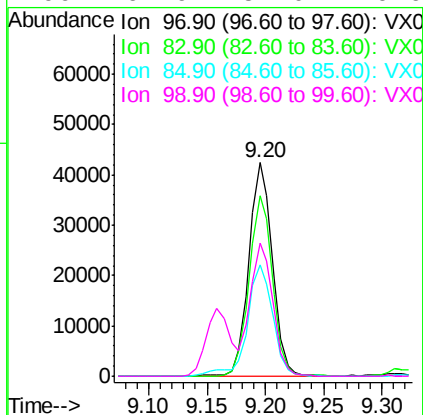
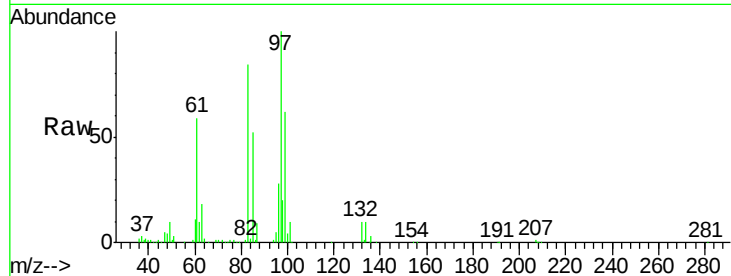
#55
 1,1,2-Trichloroethane
 Concen: 18.47 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

Tgt Ion:	97	Resp:	60268
Ion	Ratio	Lower	Upper
97	100		
83	84.4	70.9	106.3
85	52.1	43.4	65.2
99	61.9	51.0	76.6

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#56
 Ethyl methacrylate
 Concen: 18.22 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Tgt Ion:	69	Resp:	96818
Ion	Ratio	Lower	Upper
69	100		
41	63.6	50.7	76.1
39	31.9	25.8	38.6

