

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051820\
 Data File : VX016298.D
 Acq On : 18 May 2020 14:56
 Operator : JC/SP
 Sample : VX0518WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 19 00:43:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	338777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	527143	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	479375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	233984	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	186537	41.84	ug/l	0.00
Spiked Amount			Recovery	=	83.68%	
35) Dibromofluoromethane	5.46	113	152226	45.58	ug/l	0.00
Spiked Amount			Recovery	=	91.16%	
50) Toluene-d8	8.70	98	591453	45.96	ug/l	0.00
Spiked Amount			Recovery	=	91.92%	
62) 4-Bromofluorobenzene	11.12	95	222738	45.51	ug/l	0.00
Spiked Amount			Recovery	=	91.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	58961	16.443	ug/l	99
3) Chloromethane	1.31	50	64240	15.426	ug/l	100
4) Vinyl Chloride	1.39	62	70947	15.968	ug/l	99
5) Bromomethane	1.63	94	41126	18.361	ug/l	97
6) Chloroethane	1.71	64	45158	16.705	ug/l	99
7) Trichlorofluoromethane	1.92	101	98627	16.909	ug/l	99
8) Diethyl Ether	2.17	74	41497	16.885	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56590	16.816	ug/l	99
10) Methyl Iodide	2.49	142	43103	9.535	ug/l	99
11) Tert butyl alcohol	3.01	59	86927	77.111	ug/l	99
12) 1,1-Dichloroethene	2.36	96	56919	16.163	ug/l	98
13) Acrolein	2.27	56	40505	57.419	ug/l	99
14) Allyl chloride	2.71	41	104408	16.170	ug/l	96
15) Acrylonitrile	3.11	53	191647	81.950	ug/l	99
16) Acetone	2.42	43	154151	77.498	ug/l	96
17) Carbon Disulfide	2.55	76	162447	15.217	ug/l	99
18) Methyl Acetate	2.75	43	85202	17.421	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	214422	17.662	ug/l	98
20) Methylene Chloride	2.83	84	66937	16.324	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	63401	16.156	ug/l	99
22) Diisopropyl ether	3.82	45	207421	17.027	ug/l	92
23) Vinyl Acetate	3.78	43	887769	82.836	ug/l	98
24) 1,1-Dichloroethane	3.67	63	117130	17.189	ug/l	99
25) 2-Butanone	4.63	43	256843	80.132	ug/l	97
26) 2,2-Dichloropropane	4.55	77	106491	17.112	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	74879	17.453	ug/l	96
28) Bromochloromethane	4.98	49	53078	17.082	ug/l	94
29) Tetrahydrofuran	5.09	42	170497	80.279	ug/l	97
30) Chloroform	5.17	83	116603	17.186	ug/l	100
31) Cyclohexane	5.54	56	96567	15.593	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	105854	17.164	ug/l	99
36) 1,1-Dichloropropene	5.77	75	88267	17.010	ug/l	99
37) Ethyl Acetate	4.79	43	99757	16.587	ug/l	98
38) Carbon Tetrachloride	5.75	117	93767	17.778	ug/l	93

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 ClientSampleId :

Quant Time: May 19 00:43:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	88421	14.150	ug/l	97
40) Benzene	6.11	78	266781	17.571	ug/l	99
41) Methacrylonitrile	5.00	41	55122	16.971	ug/l	98
42) 1,2-Dichloroethane	6.16	62	92293	16.875	ug/l	99
43) Isopropyl Acetate	6.41	43	162544	16.939	ug/l	98
44) Trichloroethene	7.19	130	91622	16.986	ug/l	98
45) 1,2-Dichloropropane	7.49	63	69660	18.132	ug/l	99
46) Dibromomethane	7.64	93	45672	17.494	ug/l	97
47) Bromodichloromethane	7.87	83	94145	17.706	ug/l	100
48) Methyl methacrylate	7.74	41	74455	16.375	ug/l	96
49) 1,4-Dioxane	7.71	88	33534	307.507	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	500282	85.197	ug/l	98
52) Toluene	8.76	92	168237	17.777	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	109930	17.340	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	116874	17.650	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	66853	17.955	ug/l	98
56) Ethyl methacrylate	9.16	69	107916	17.756	ug/l	94
57) 1,3-Dichloropropane	9.35	76	115949	17.847	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	265898	82.179	ug/l	98
59) 2-Hexanone	9.47	43	379825	82.365	ug/l	98
60) Dibromochloromethane	9.57	129	74431	18.151	ug/l	99
61) 1,2-Dibromoethane	9.65	107	72466	17.968	ug/l	100
64) Tetrachloroethene	9.32	164	102990	17.501	ug/l	98
65) Chlorobenzene	10.12	112	181353	18.067	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	68025	18.336	ug/l	99
67) Ethyl Benzene	10.23	91	316812	17.690	ug/l	98
68) m/p-Xylenes	10.34	106	238451	35.536	ug/l	100
69) o-Xylene	10.68	106	116216	18.018	ug/l	98
70) Styrene	10.70	104	195420	17.859	ug/l	99
71) Bromoform	10.84	173	55691	18.425	ug/l #	99
73) Isopropylbenzene	11.00	105	300245	17.642	ug/l	99
74) N-amyl acetate	10.88	43	134118	16.895	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	67178	22.392	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	125236	23.587	ug/l	84
77) Bromobenzene	11.24	156	79568	18.113	ug/l	96
78) n-propylbenzene	11.34	91	331028	16.720	ug/l	99
79) 2-Chlorotoluene	11.40	91	205294	17.567	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	245895	17.113	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	38770	17.401	ug/l	96
82) 4-Chlorotoluene	11.49	91	240635	17.437	ug/l	98
83) tert-Butylbenzene	11.76	119	203640	16.445	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	248660	17.117	ug/l	100
85) sec-Butylbenzene	11.93	105	255546	15.284	ug/l	100
86) p-Isopropyltoluene	12.05	119	241981	15.588	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	140230	17.779	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	142557	17.807	ug/l	99
89) n-Butylbenzene	12.37	91	197799	13.948	ug/l	99
90) Hexachloroethane	12.58	117	39975	14.994	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	136774	18.009	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22472	16.058	ug/l	95

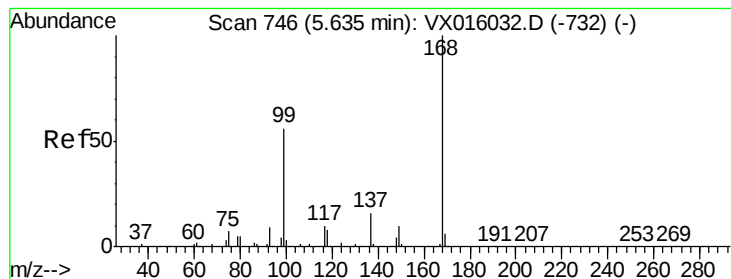
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051820\
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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	89812	15.973	ug/l	96
94) Hexachlorobutadiene	13.77	225	32295	13.722	ug/l	99
95) Naphthalene	13.82	128	310551	17.057	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	86872	15.808	ug/l	99

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

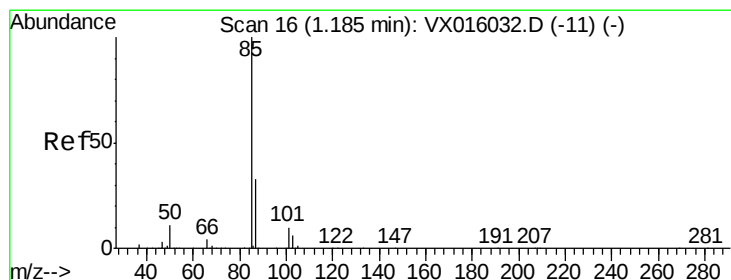
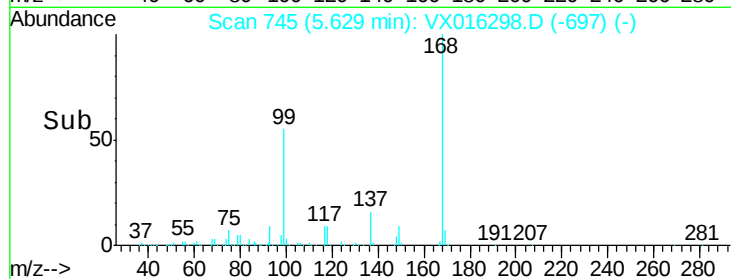
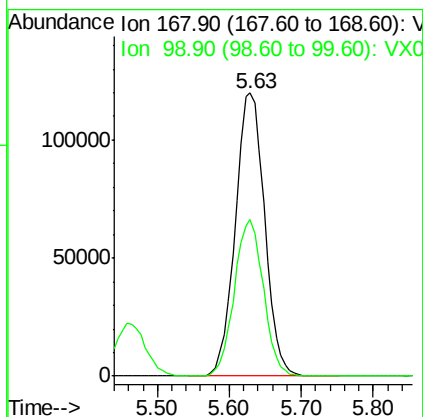
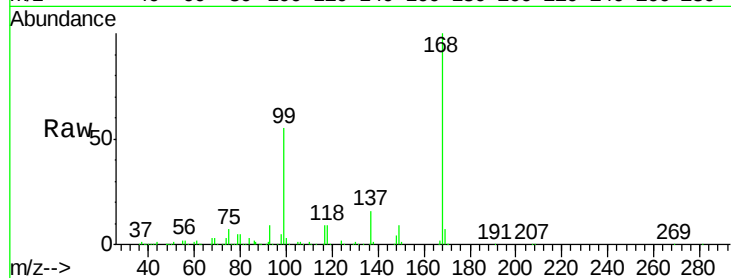


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX016298.D
 Acq: 18 May 2020 14:56

Instrument :
 MSVOA_X
 ClientSampleId :

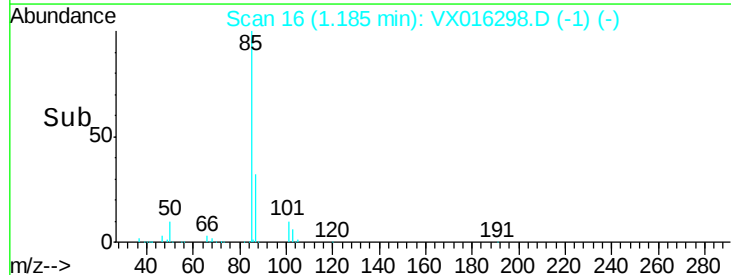
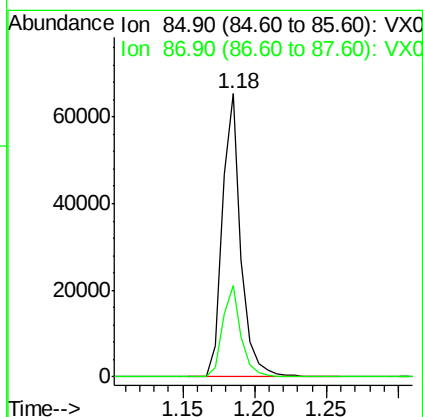
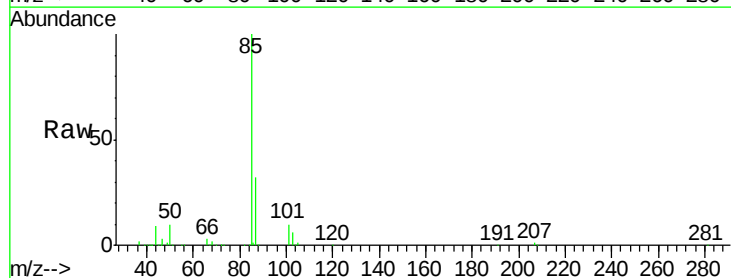
Tot Ion:168 Resp: 338777
 Ion Ratio Lower Upper
 168 100
 99 55.4 45.0 67.4

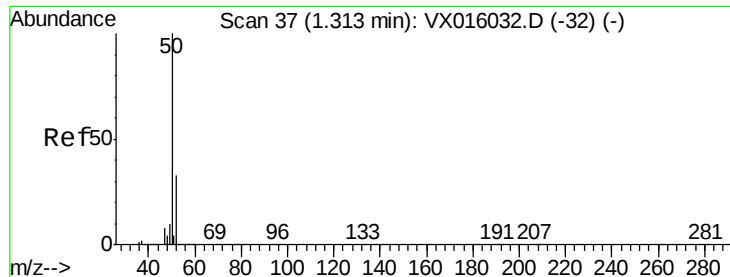


#2

Dichlorodifluoromethane
 Concen: 16.443 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX016298.D
 Acq: 18 May 2020 14:56

Tgt Ion: 85 Resp: 58961
 Ion Ratio Lower Upper
 85 100
 87 32.2 16.4 49.1





#3

Chloromethane

Concen: 15.426 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

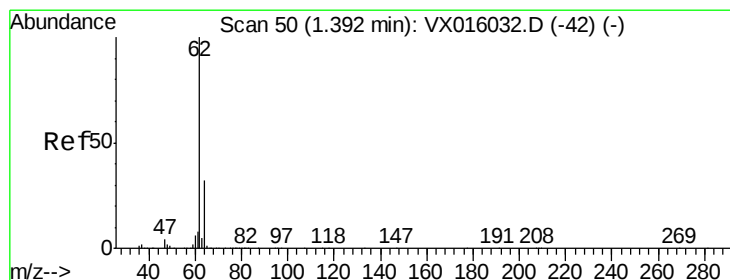
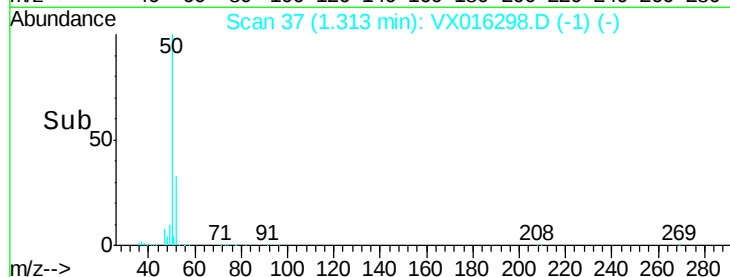
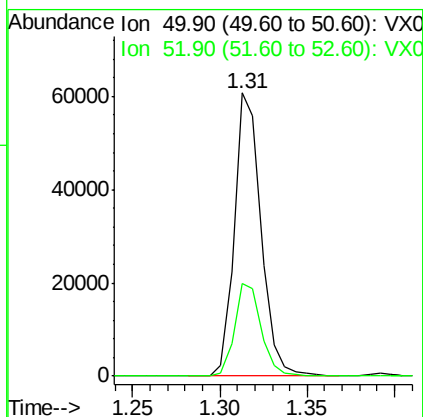
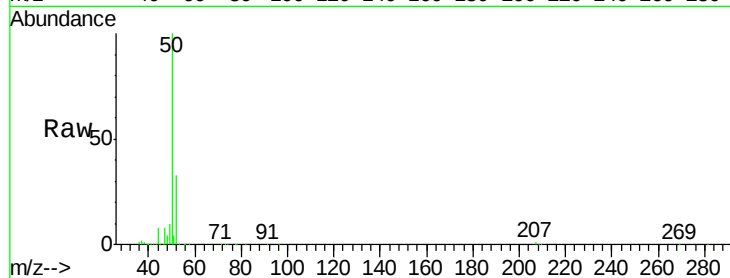
ClientSampleId :

Tot Ion: 50 Resp: 64240

Ion Ratio Lower Upper

50 100

52 32.6 26.1 39.1



#4

Vinyl Chloride

Concen: 15.968 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016298.D

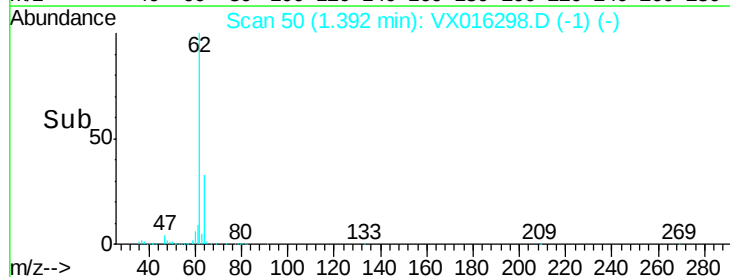
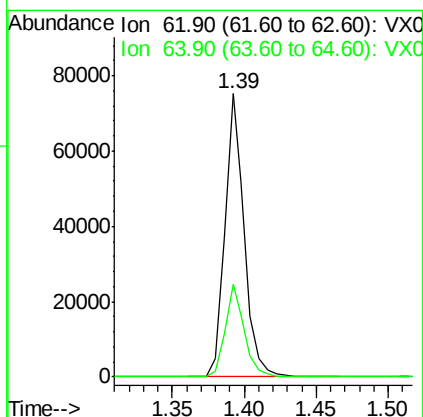
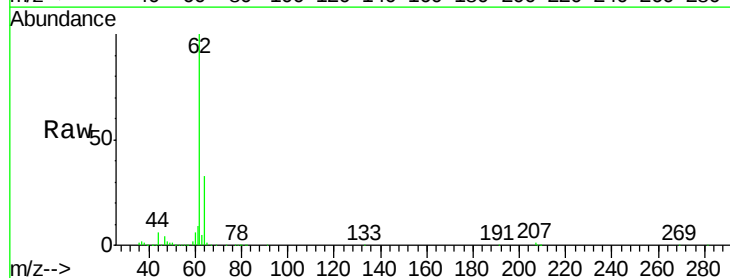
Acq: 18 May 2020 14:56

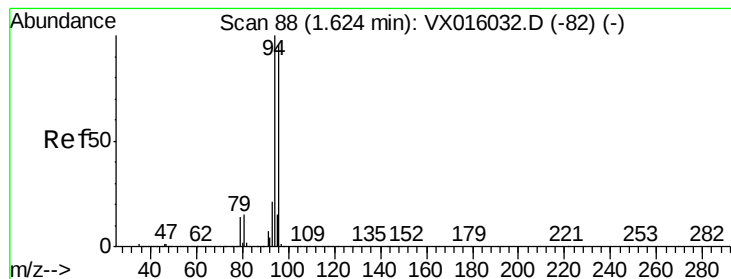
Tgt Ion: 62 Resp: 70947

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5





#5

Bromomethane

Concen: 18.361 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

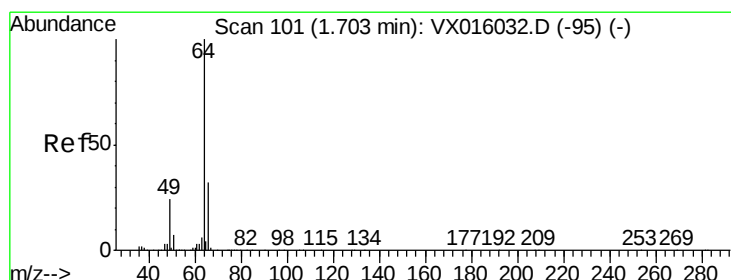
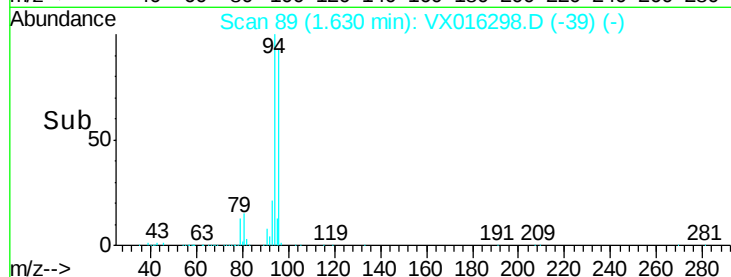
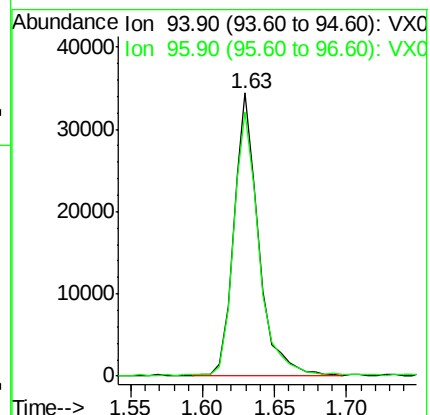
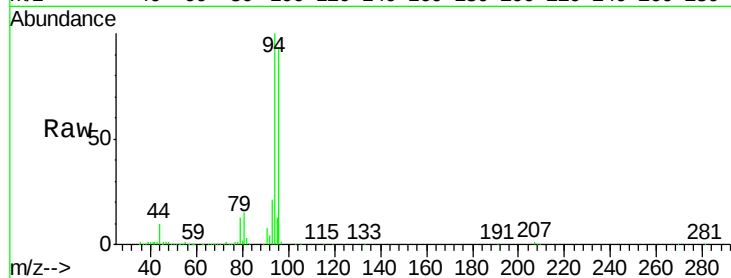
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 41126

Ion Ratio Lower Upper

94 100

96 93.0 76.9 115.3



#6

Chloroethane

Concen: 16.705 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016298.D

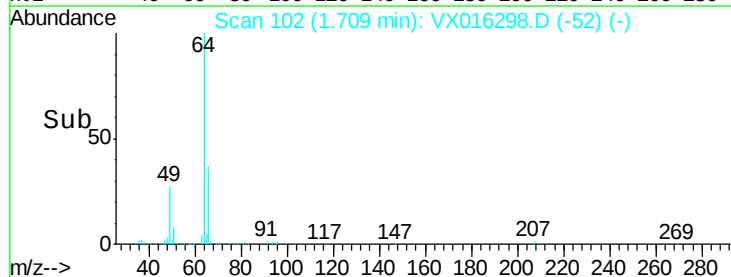
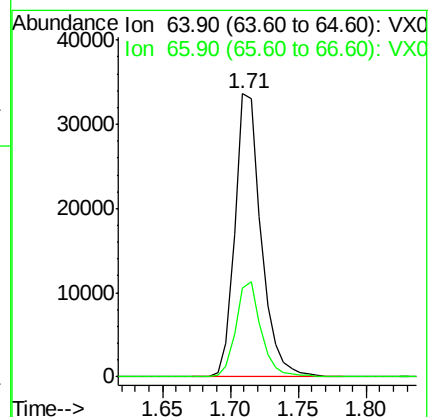
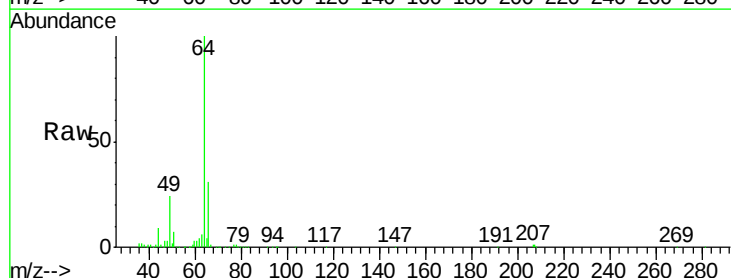
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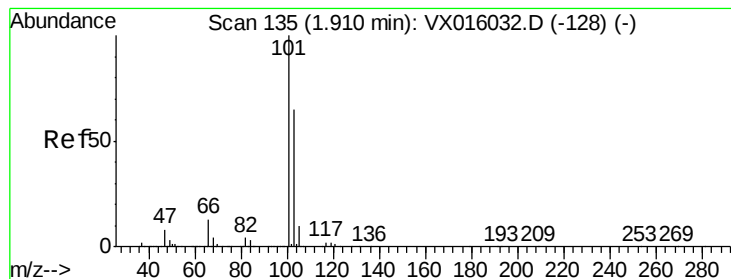
Tgt Ion: 64 Resp: 45158

Ion Ratio Lower Upper

64 100

66 31.0 25.2 37.8



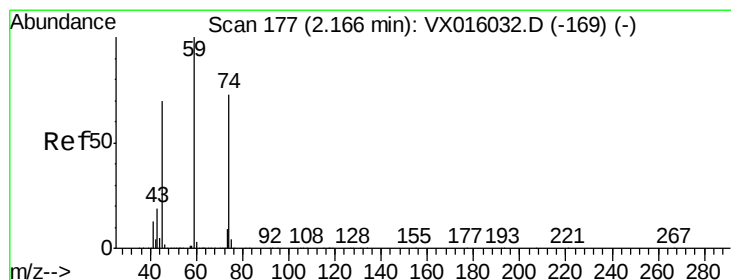
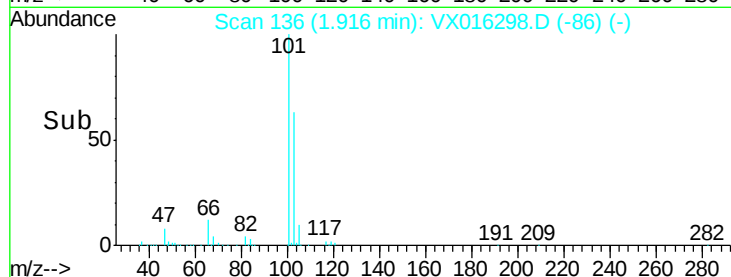
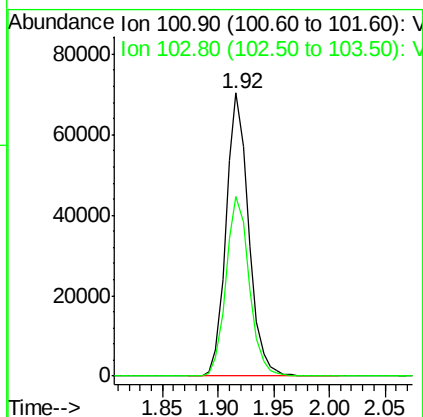
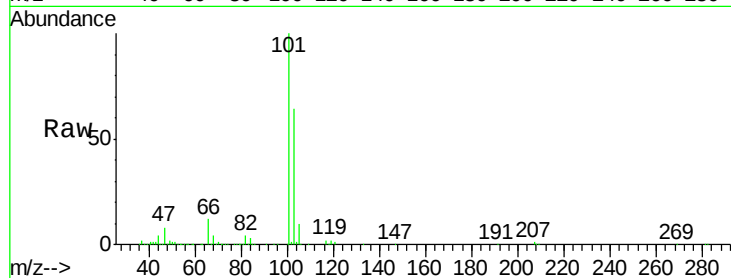


#7

Trichlorofluoromethane
Concen: 16.909 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :

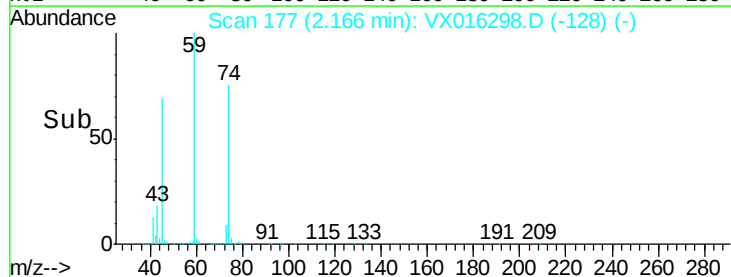
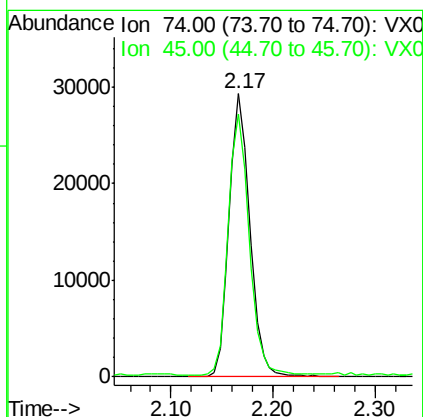
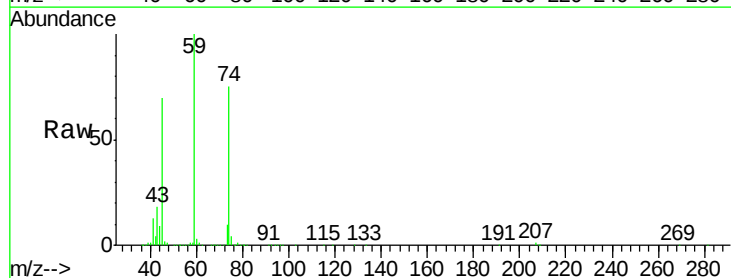
Tot Ion:101 Resp: 98627
Ion Ratio Lower Upper
101 100
103 63.6 51.8 77.6

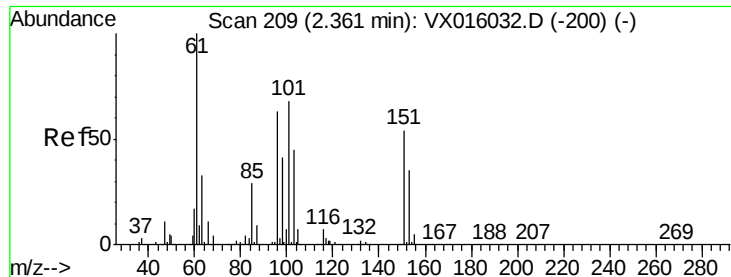


#8

Diethyl Ether
Concen: 16.885 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Tgt Ion: 74 Resp: 41497
Ion Ratio Lower Upper
74 100
45 92.6 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.816 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

ClientSampleId :

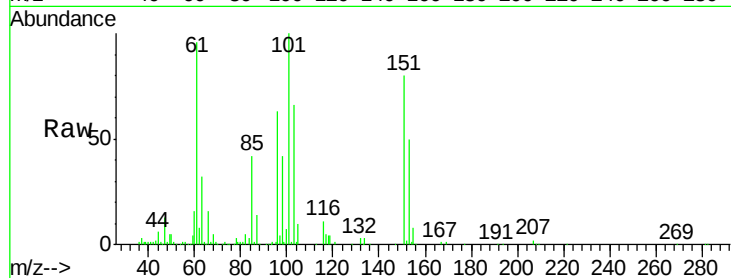
Tot Ion:101 Resp: 56590

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.4

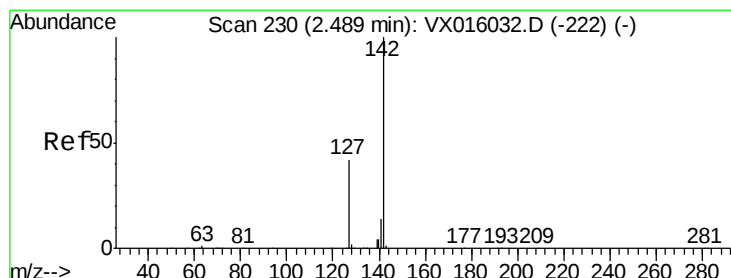
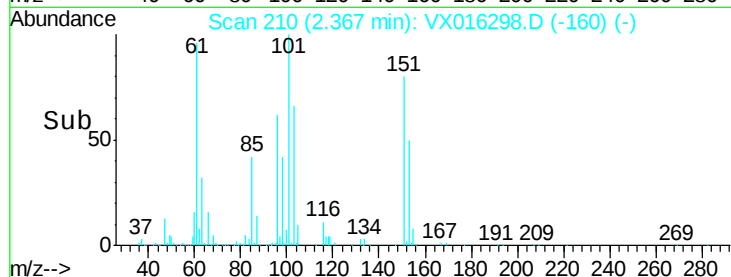
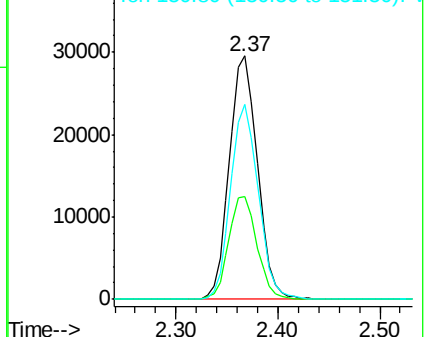
151 79.0 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 9.535 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

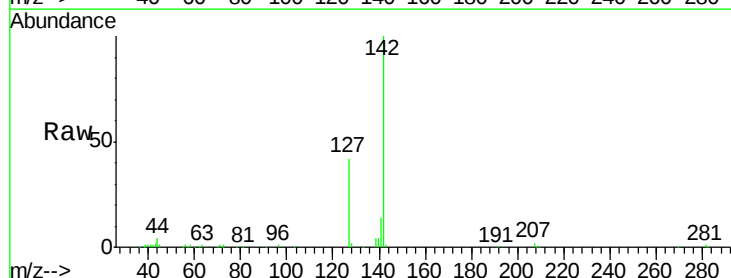
Tgt Ion:142 Resp: 43103

Ion Ratio Lower Upper

142 100

127 42.4 34.6 52.0

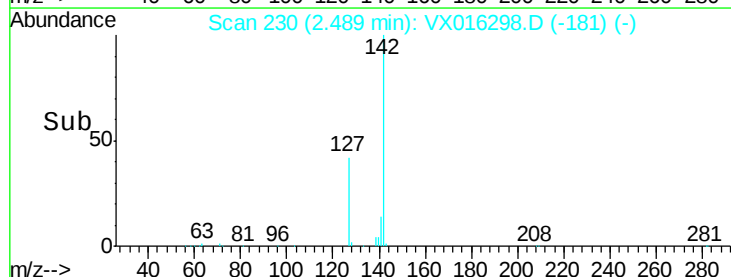
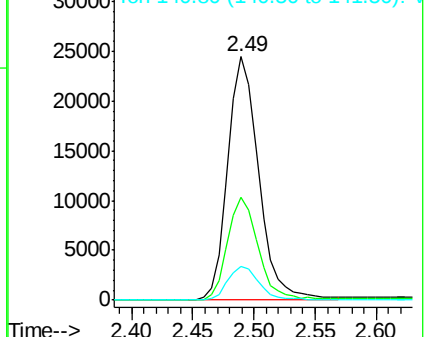
141 14.4 11.3 16.9

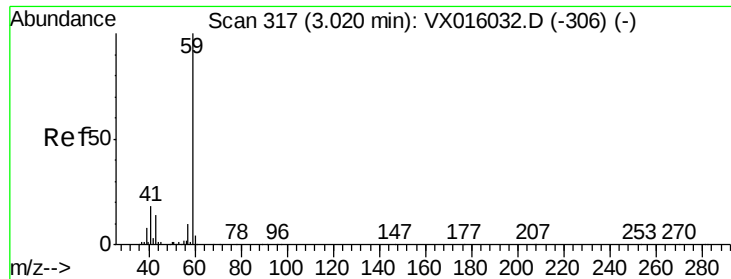


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



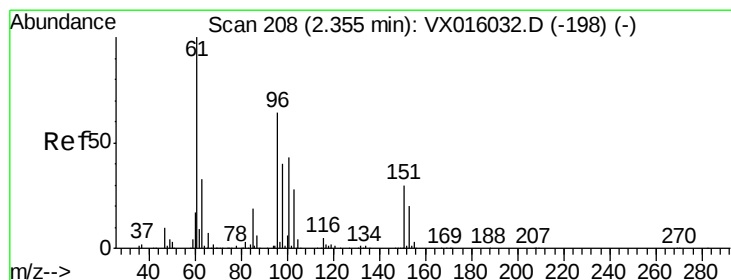
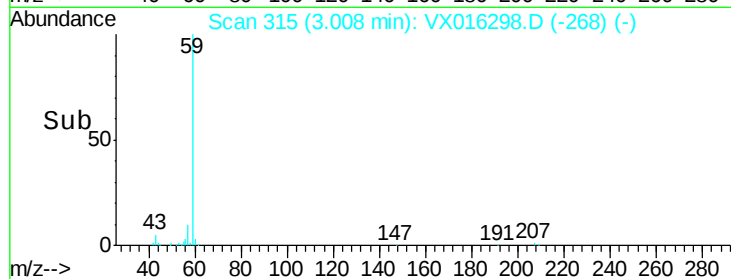
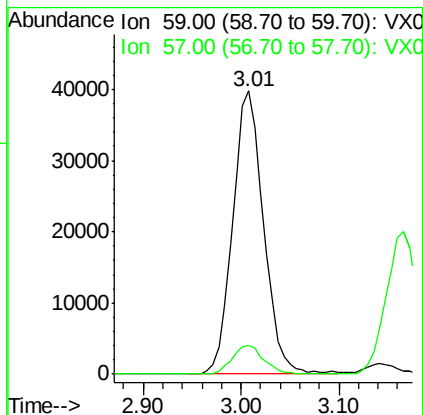
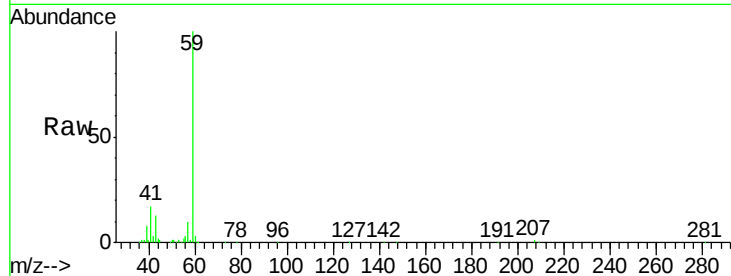


#11

Tert butyl alcohol
 Concen: 77.111 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016298.D
 Acq: 18 May 2020 14:56

Instrument :
 MSVOA_X
 ClientSampled :

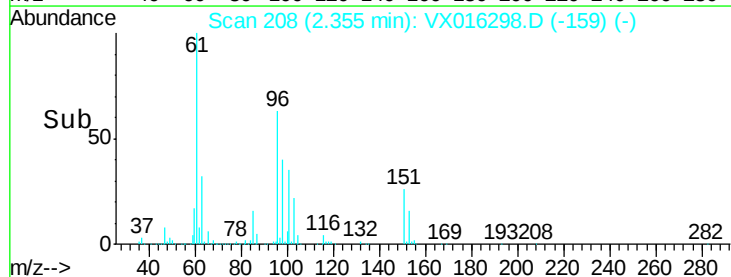
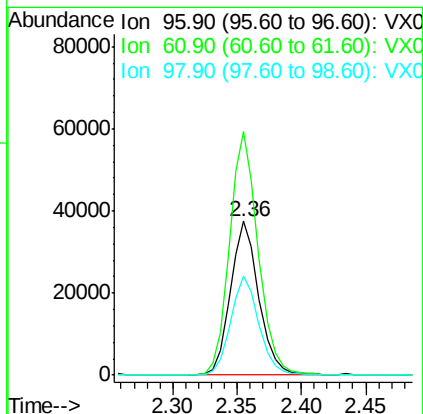
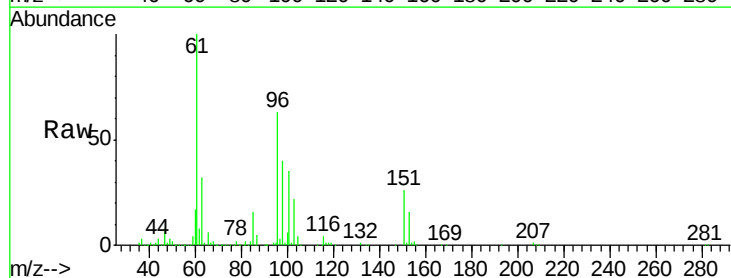
Tot Ion: 59 Resp: 86927
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4

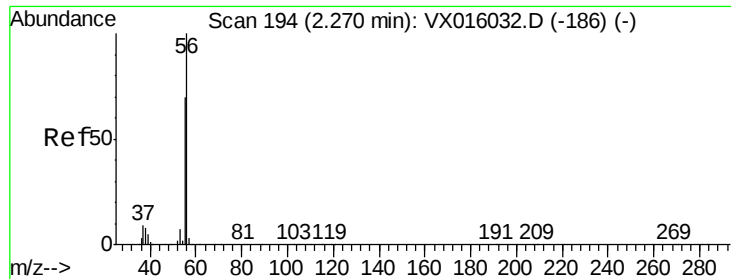


#12

1,1-Dichloroethene
 Concen: 16.163 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016298.D
 Acq: 18 May 2020 14:56

Tgt Ion: 96 Resp: 56919
 Ion Ratio Lower Upper
 96 100
 61 158.4 124.8 187.2
 98 64.2 49.7 74.5





#13

Acrolein

Concen: 57.419 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

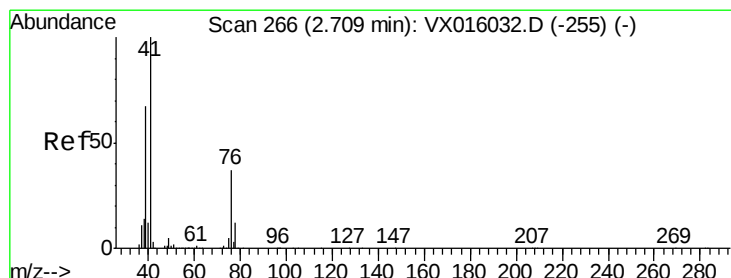
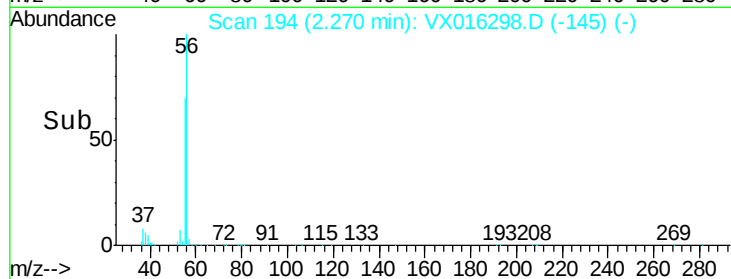
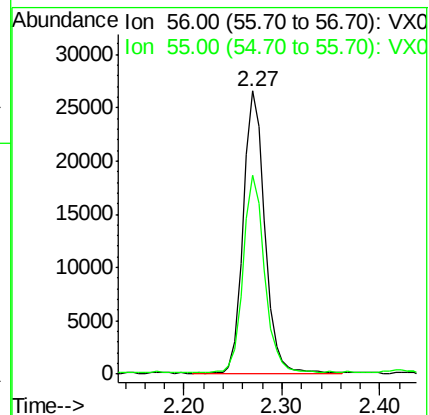
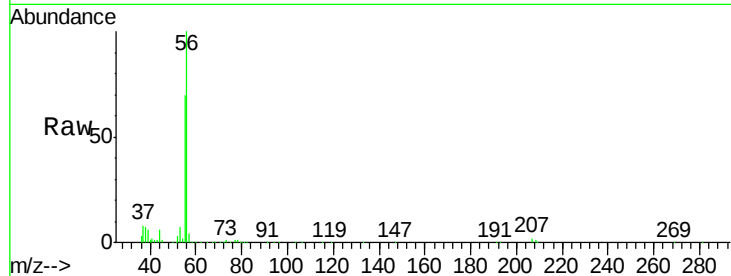
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 40505

Ion Ratio Lower Upper

56 100

55 70.1 56.5 84.7



#14

Allyl chloride

Concen: 16.170 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

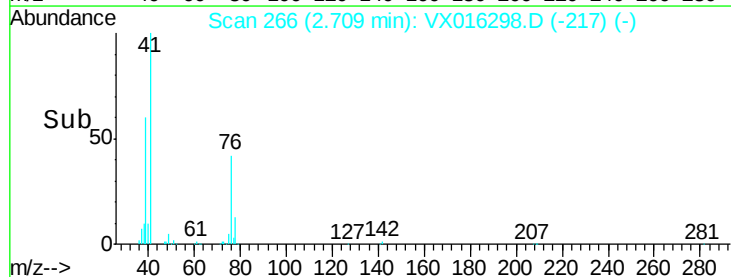
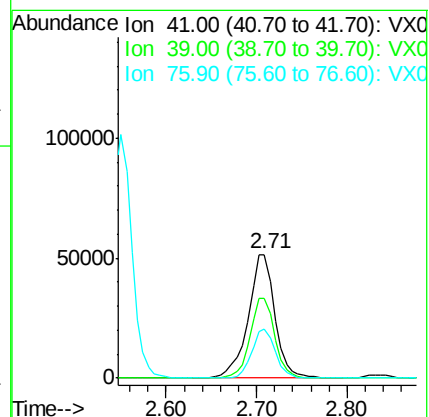
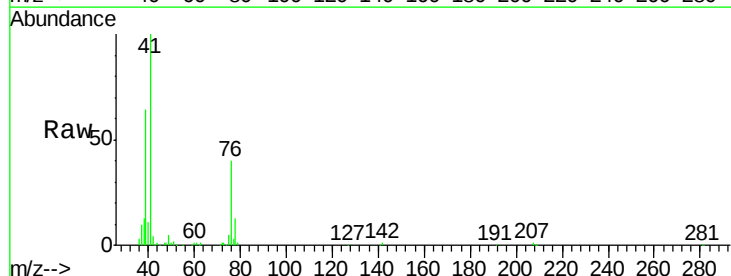
Tgt Ion: 41 Resp: 104408

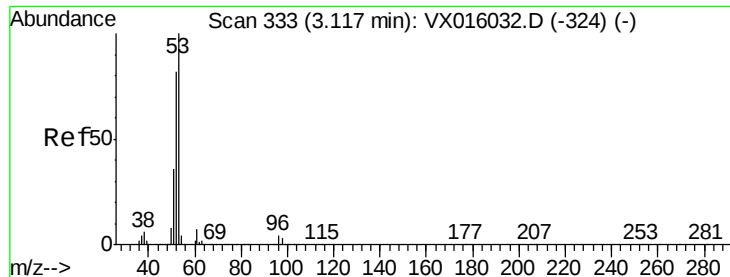
Ion Ratio Lower Upper

41 100

39 60.3 50.5 75.7

76 35.4 26.6 40.0





#15

Acrylonitrile

Concen: 81.950 ug/l

RT: 3.11 min Scan# 332

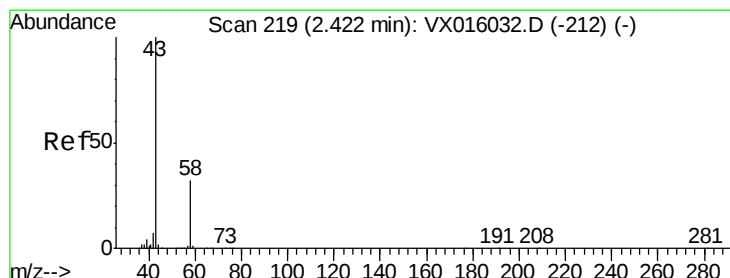
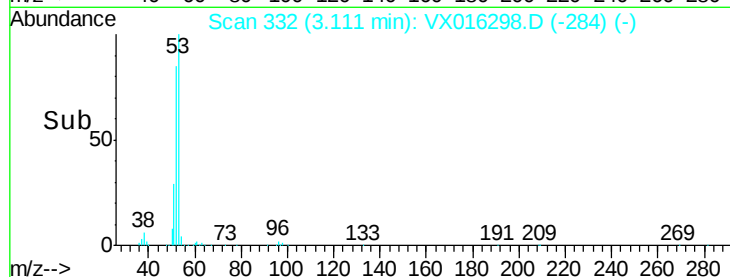
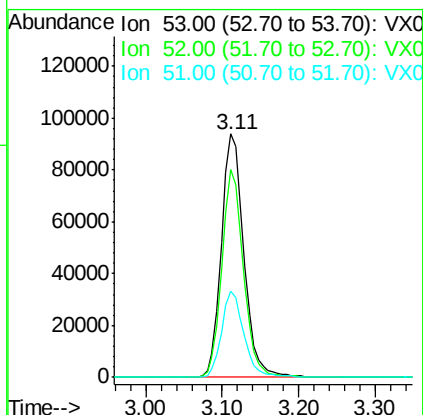
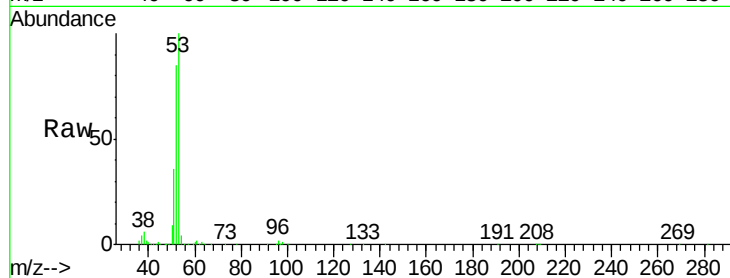
Delta R.T. -0.01 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	191647
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.1	99.1
51	35.2	28.8	43.2



#16

Acetone

Concen: 77.498 ug/l

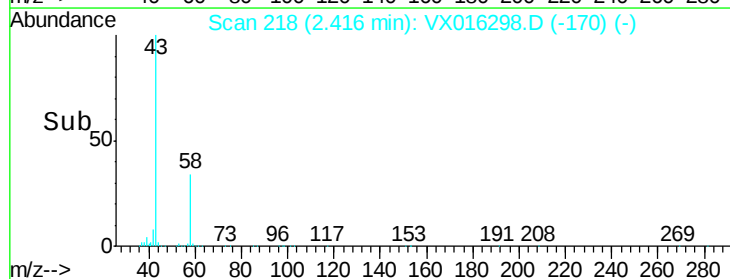
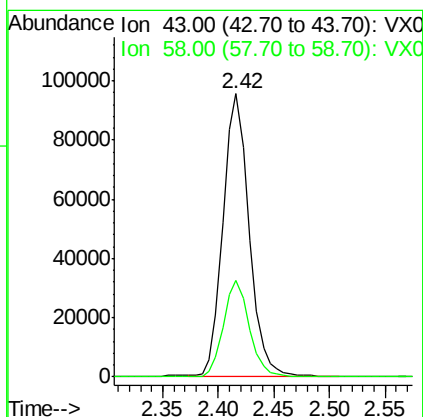
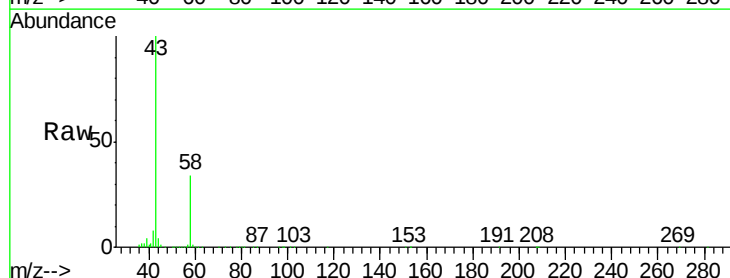
RT: 2.42 min Scan# 218

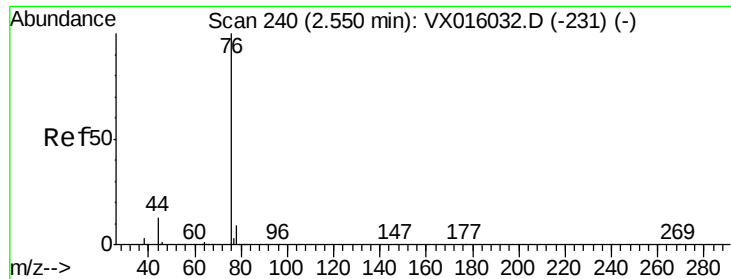
Delta R.T. -0.01 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Tgt Ion:	43	Resp:	154151
Ion	Ratio	Lower	Upper
43	100		
58	34.0	25.4	38.0

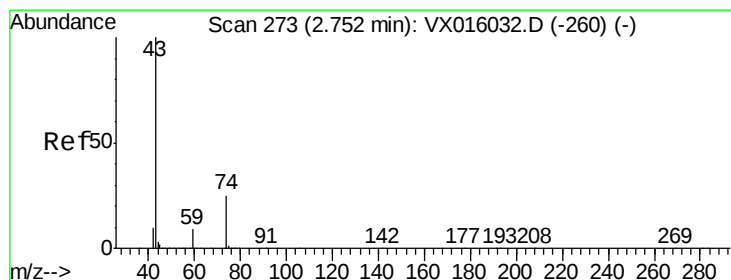
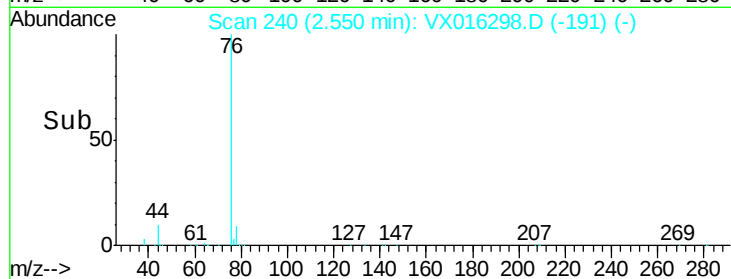
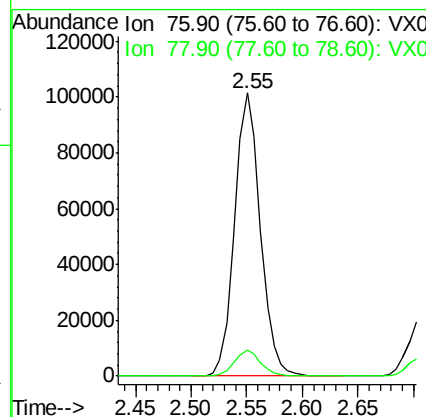
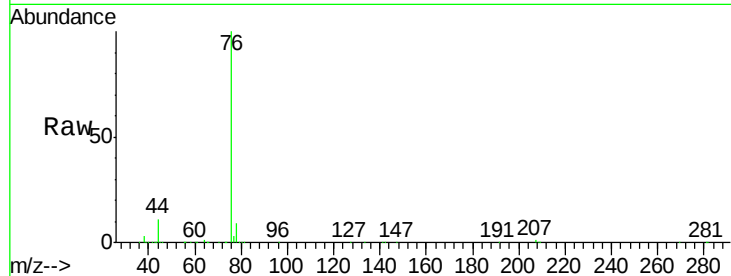




#17
Carbon Disulfide
Concen: 15.217 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

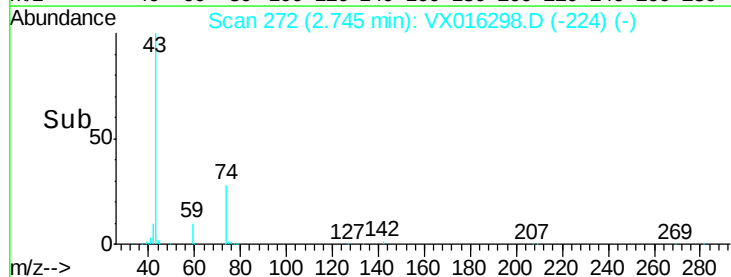
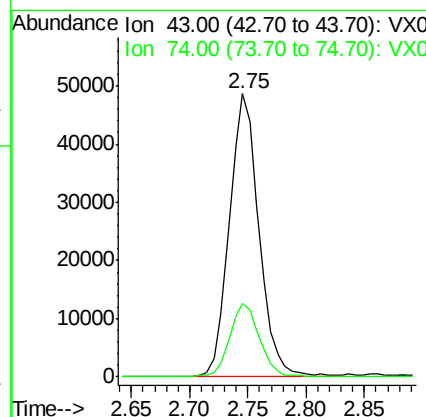
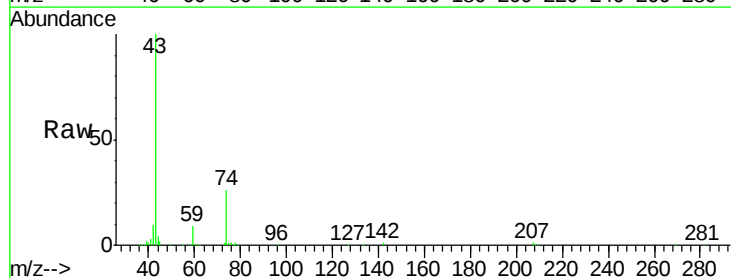
Instrument :
MSVOA_X
ClientSampled :

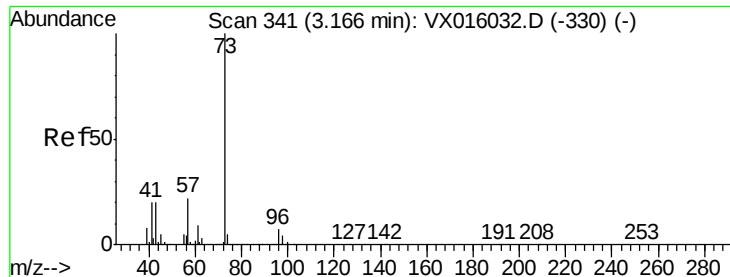
Tot Ion: 76 Resp: 162447
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 17.421 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Tgt Ion: 43 Resp: 85202
Ion Ratio Lower Upper
43 100
74 26.7 20.2 30.2

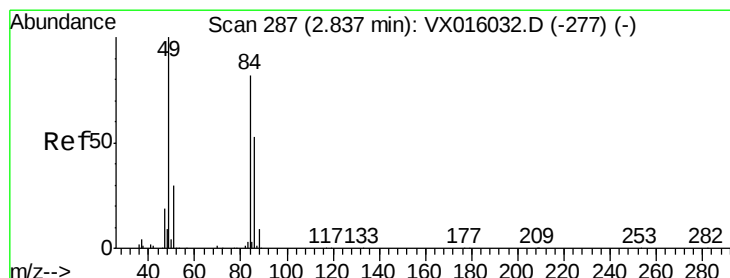
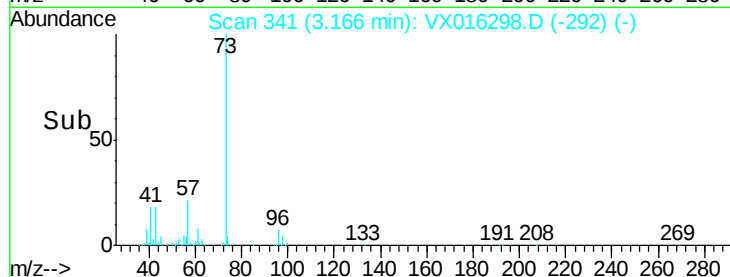
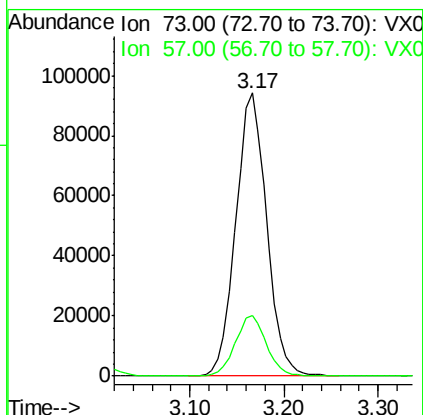
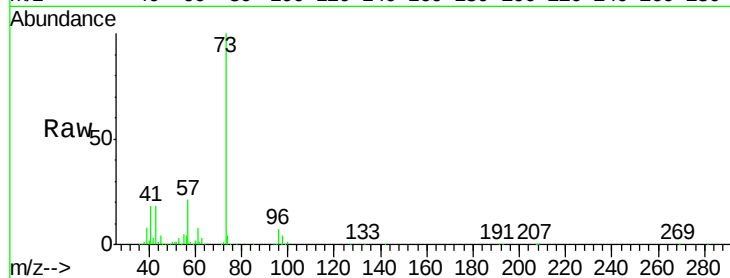




#19
Methyl tert-butyl Ether
Concen: 17.662 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

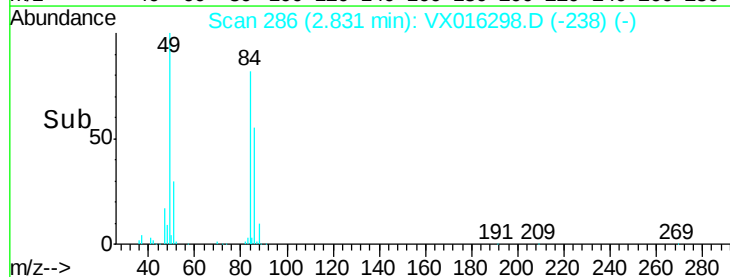
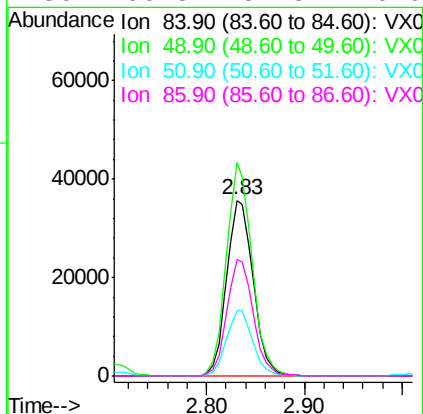
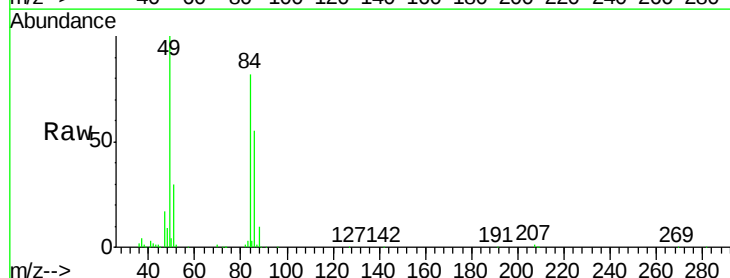
Instrument :
MSVOA_X
ClientSampled :

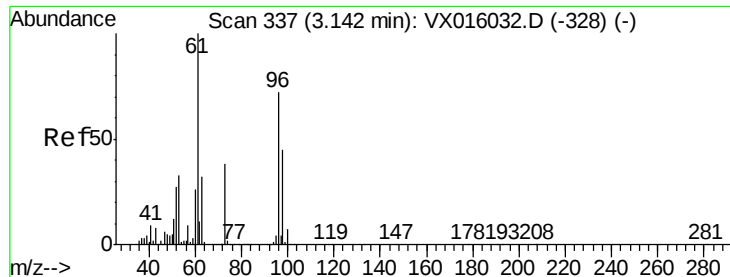
Tot Ion: 73 Resp: 214422
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.6



#20
Methylene Chloride
Concen: 16.324 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Tgt Ion: 84 Resp: 66937
Ion Ratio Lower Upper
84 100
49 121.6 97.3 145.9
51 36.9 29.3 43.9
86 66.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 16.156 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

ClientSampleId :

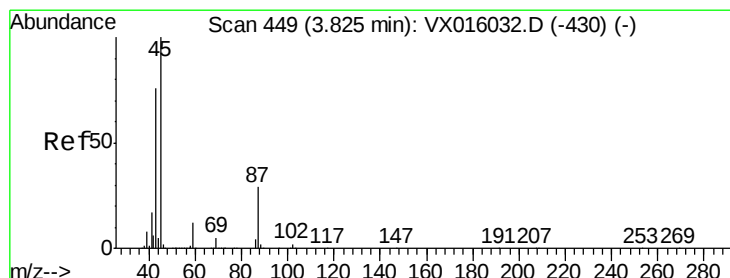
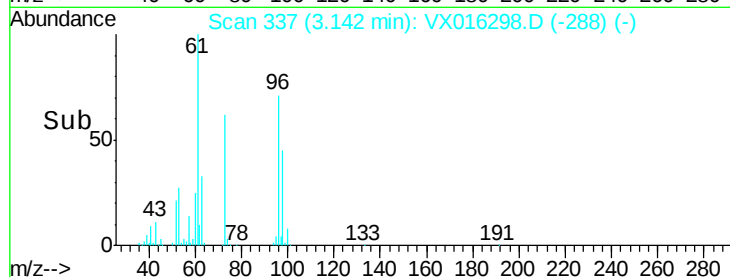
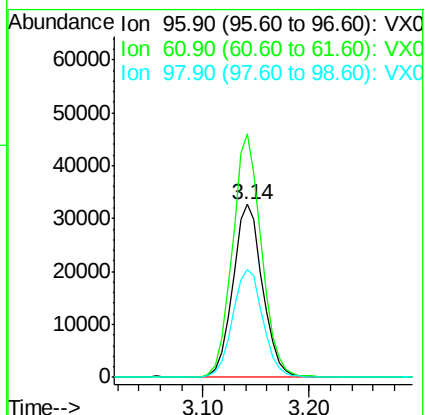
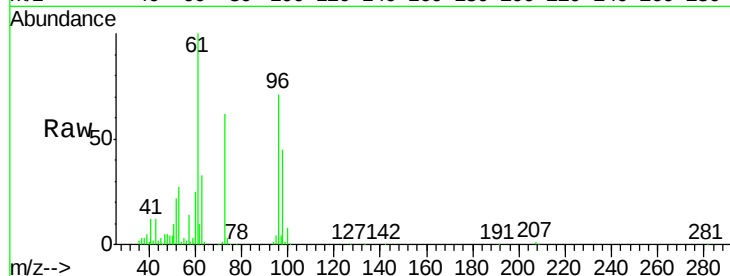
Tot Ion: 96 Resp: 63401

Ion Ratio Lower Upper

96 100

61 141.1 111.2 166.8

98 62.8 50.2 75.4



#22

Diisopropyl ether

Concen: 17.027 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Tgt Ion: 45 Resp: 207421

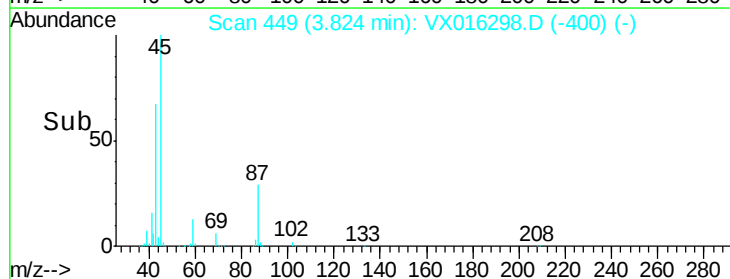
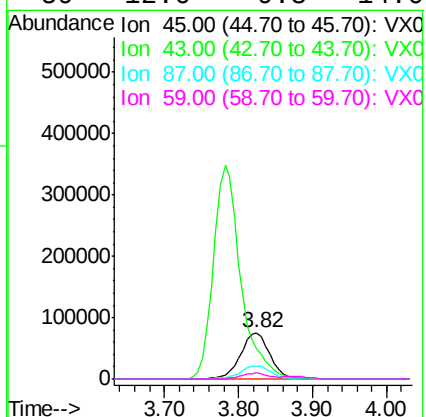
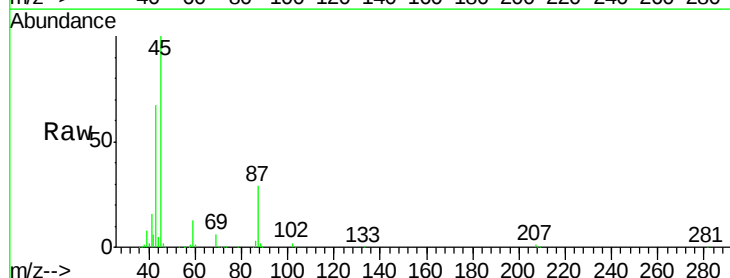
Ion Ratio Lower Upper

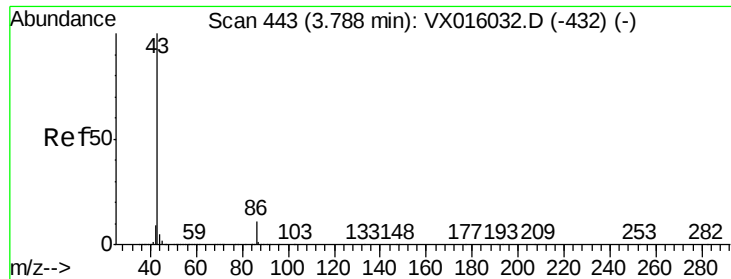
45 100

43 65.8 61.1 91.7

87 28.8 23.0 34.6

59 12.6 9.8 14.6





#23

Vinyl Acetate

Concen: 82.836 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

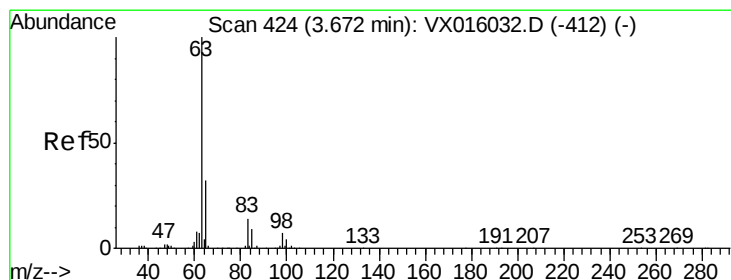
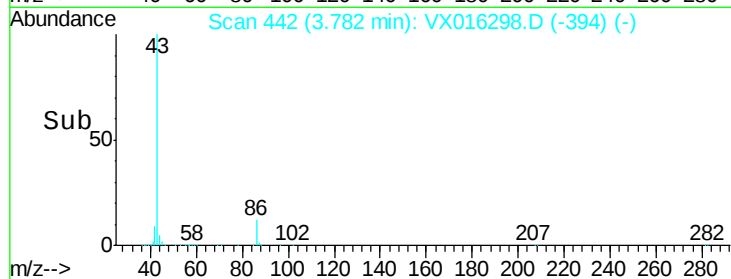
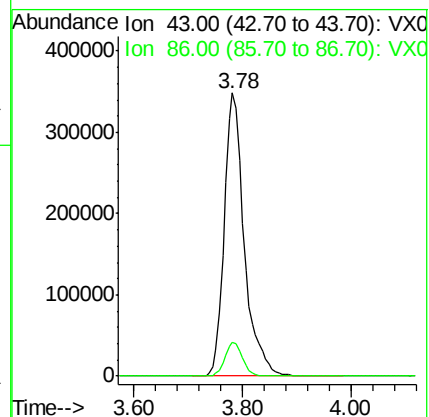
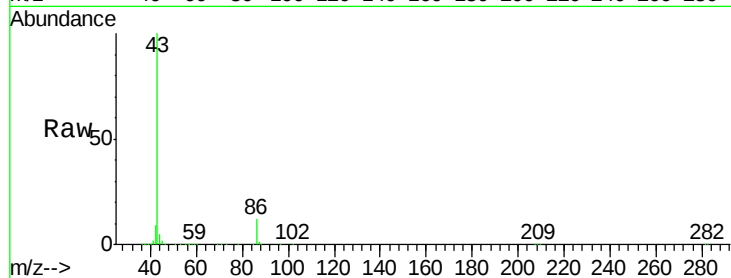
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 887769

Ion Ratio Lower Upper

43 100

86 11.9 9.0 13.4



#24

1,1-Dichloroethane

Concen: 17.189 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

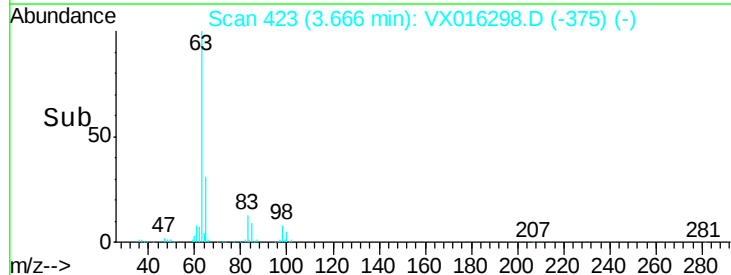
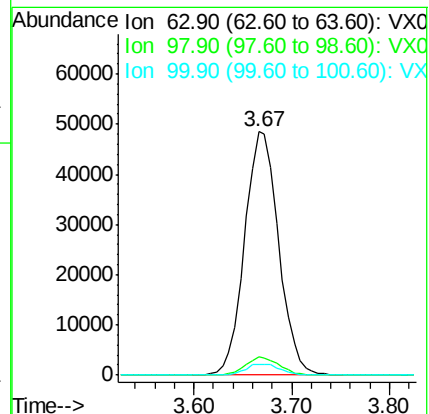
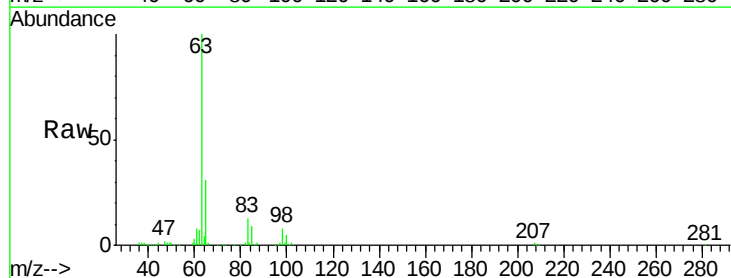
Tgt Ion: 63 Resp: 117130

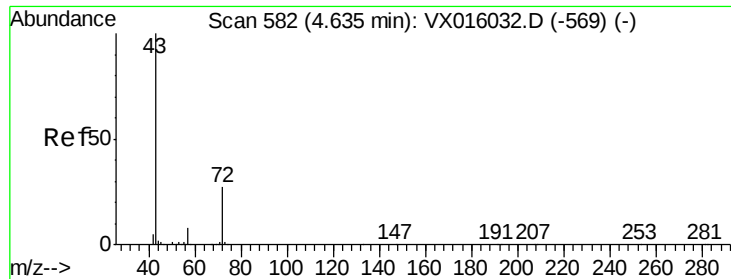
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.5

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 80.132 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

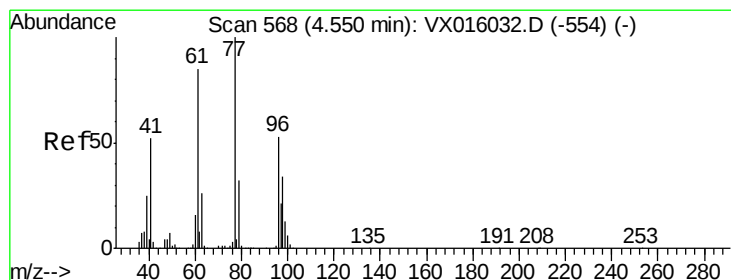
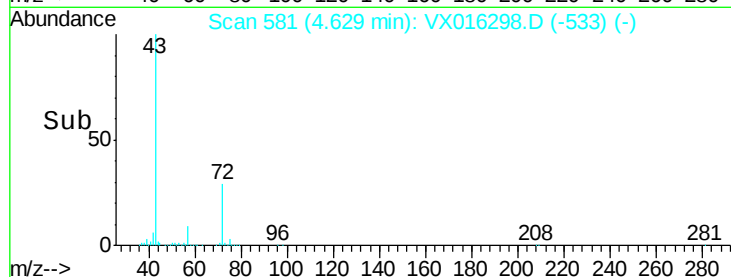
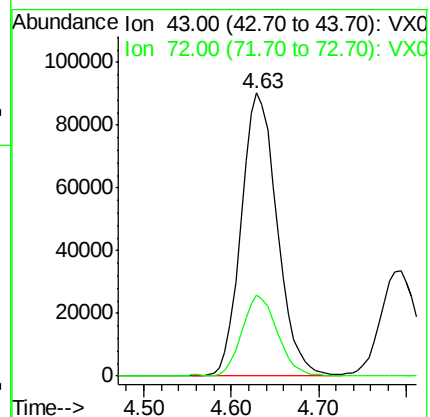
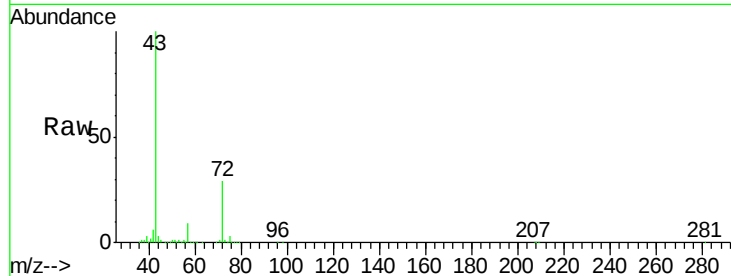
ClientSampled :

Tot Ion: 43 Resp: 256843

Ion Ratio Lower Upper

43 100

72 28.6 21.8 32.8



#26

2,2-Dichloropropane

Concen: 17.112 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016298.D

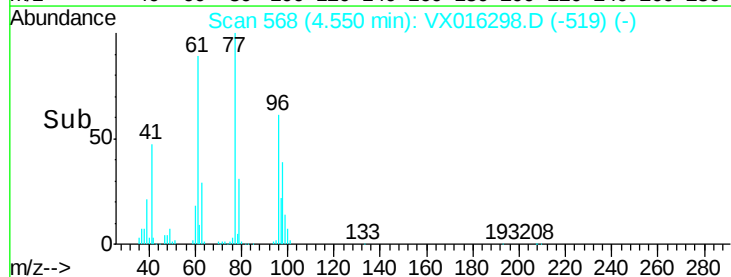
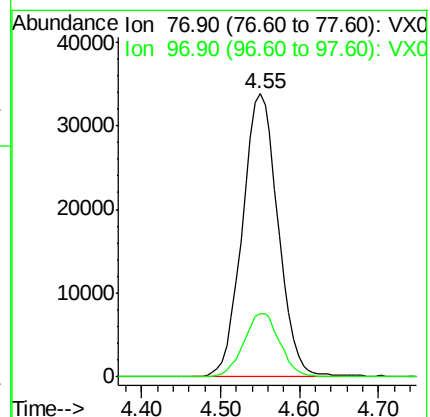
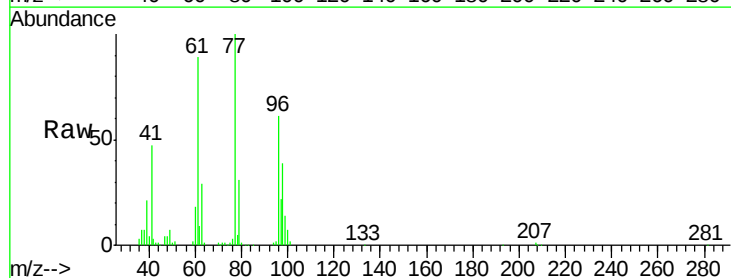
Acq: 18 May 2020 14:56

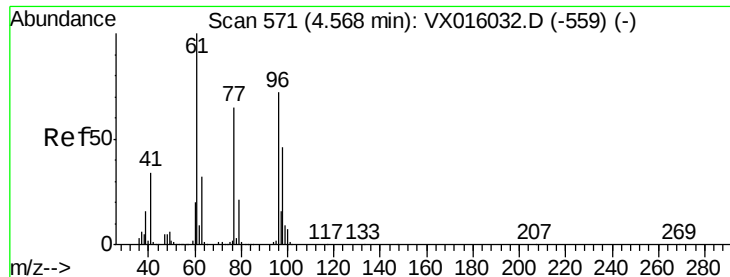
Tgt Ion: 77 Resp: 106491

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6



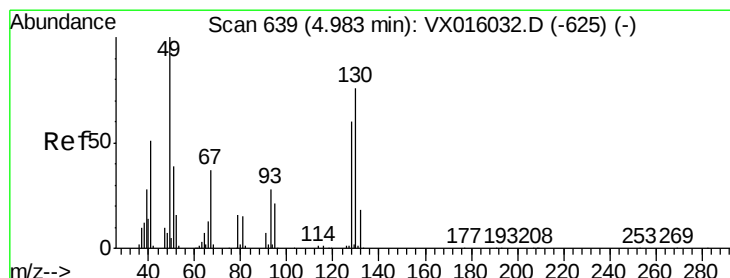
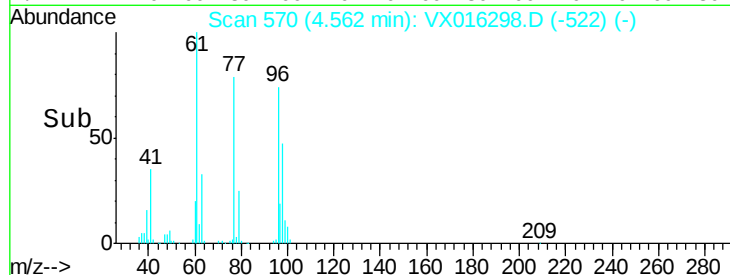
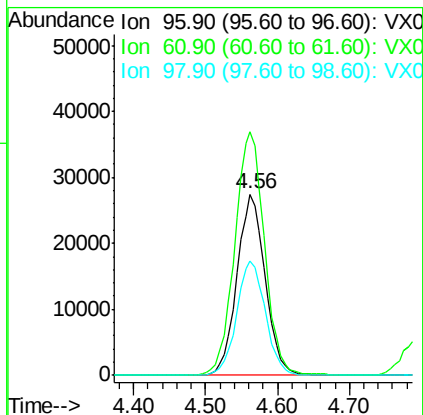
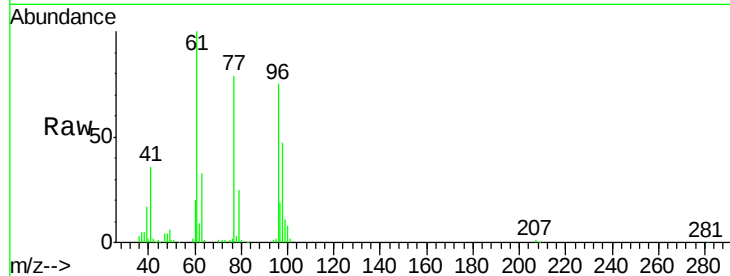


#27

cis-1,2-Dichloroethene
Concen: 17.453 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :

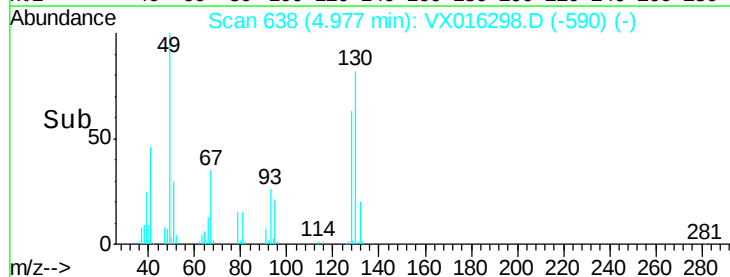
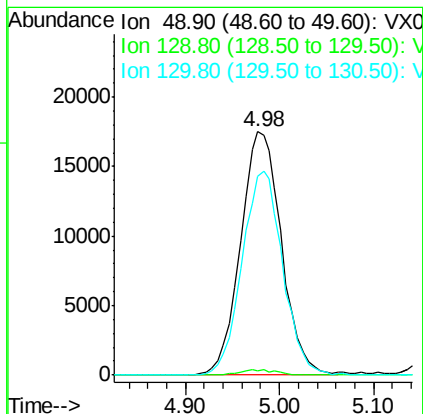
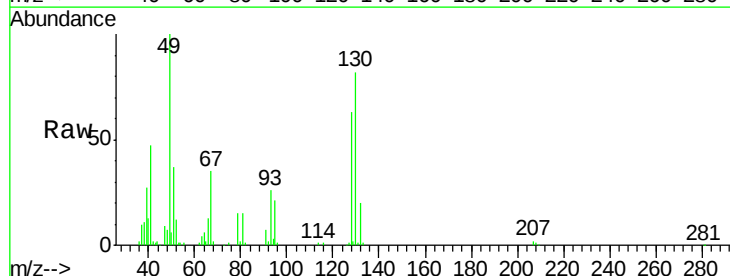
Tot Ion: 96 Resp: 74879
Ion Ratio Lower Upper
96 100
61 141.2 0.0 296.2
98 64.1 0.0 129.4

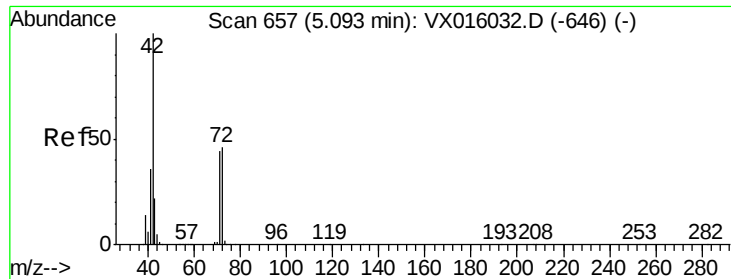


#28

Bromochloromethane
Concen: 17.082 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Tgt Ion: 49 Resp: 53078
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 83.3 62.4 93.6

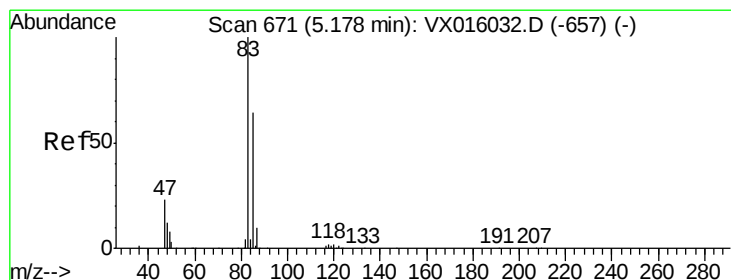
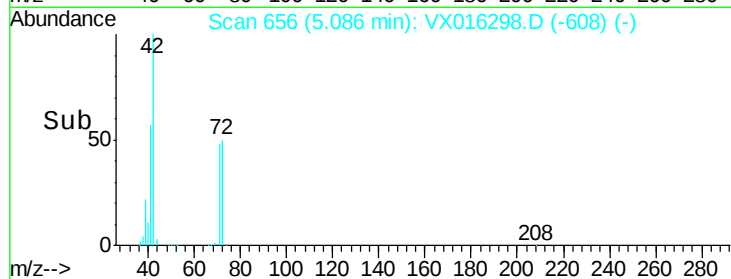
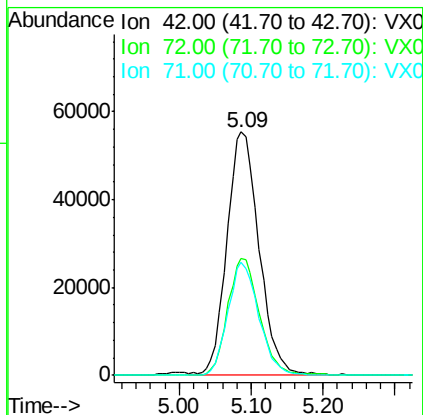
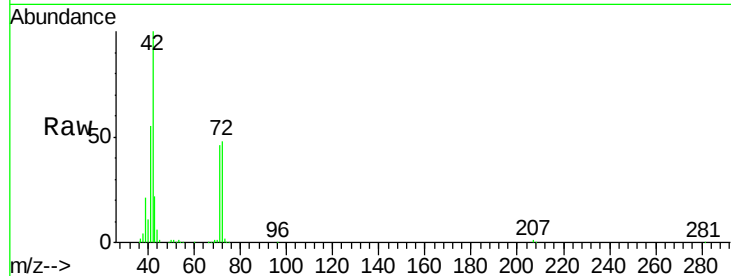




#29
Tetrahydrofuran
Concen: 80.279 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

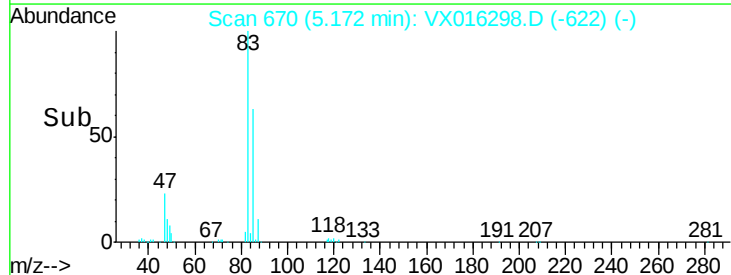
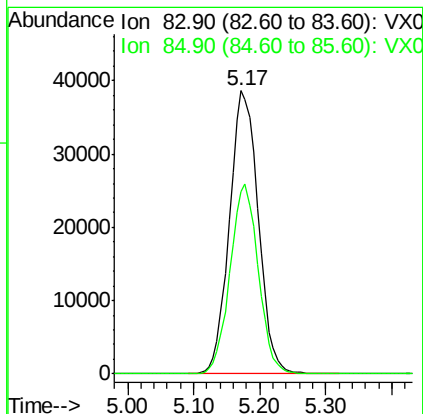
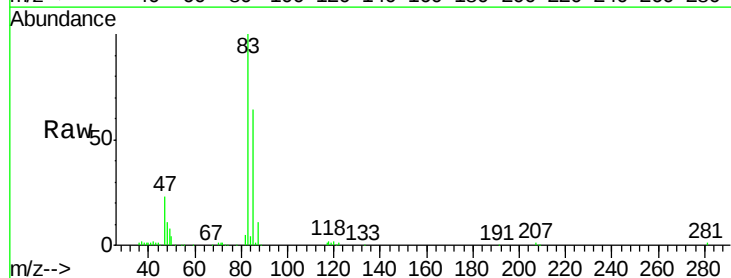
Instrument :
MSVOA_X
ClientSampleId :

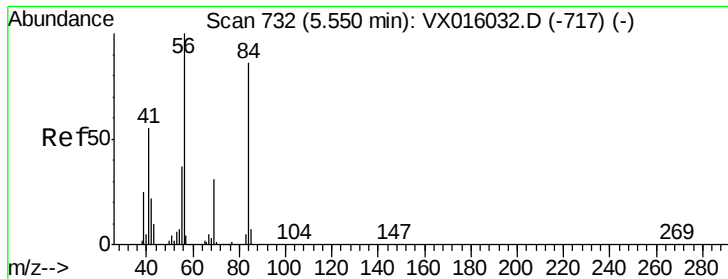
Tot Ion	Ratio	Lower	Upper
42	100		
72	48.2	37.1	55.7
71	45.3	34.5	51.7



#30
Chloroform
Concen: 17.186 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.6	77.4

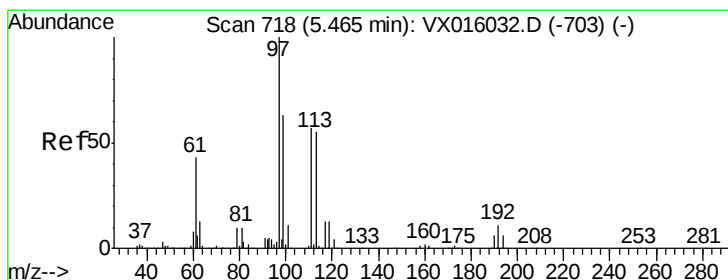
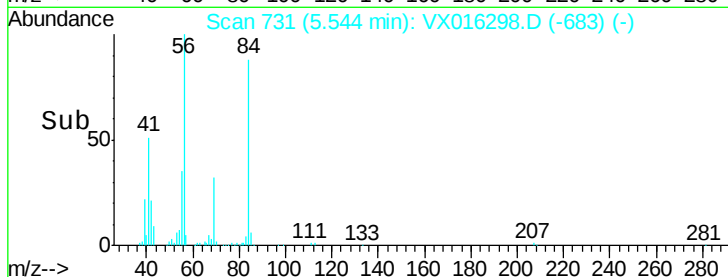
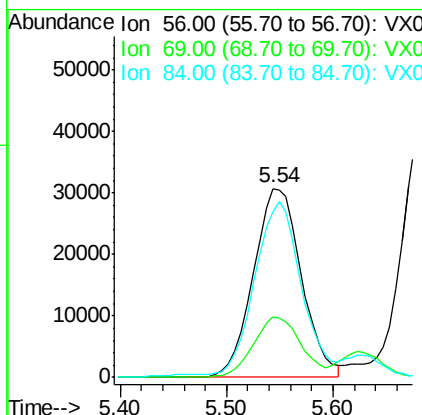
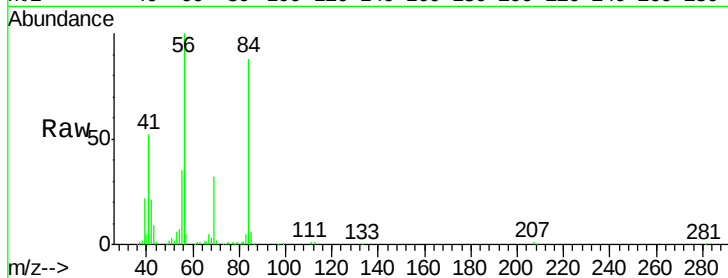




#31
Cyclohexane
Concen: 15.593 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

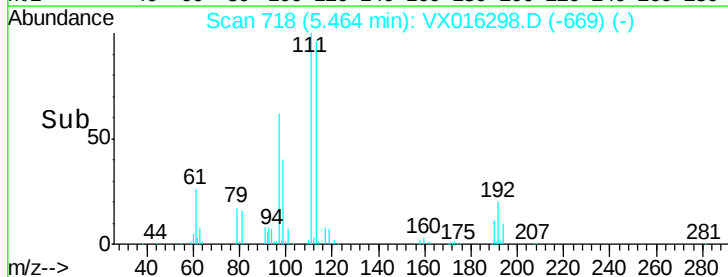
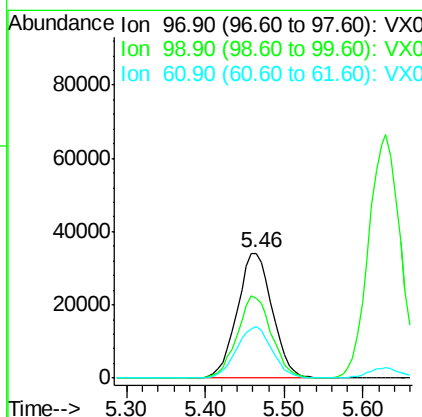
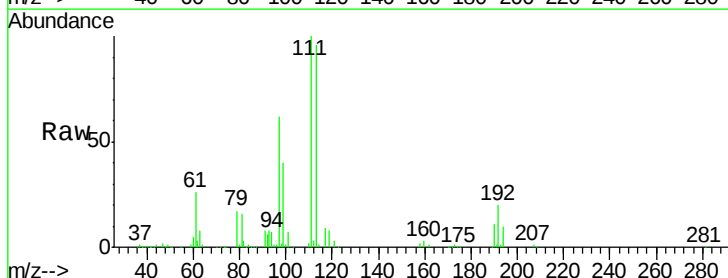
Instrument :
MSVOA_X
ClientSampled :

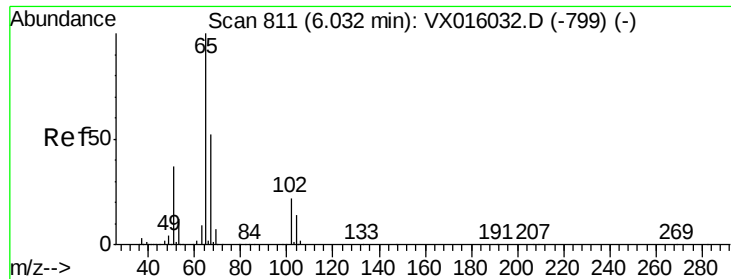
Tot Ion: 56 Resp: 96567
Ion Ratio Lower Upper
56 100
69 31.8 25.0 37.6
84 85.8 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 17.164 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Tgt Ion: 97 Resp: 105854
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 41.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 41.844 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

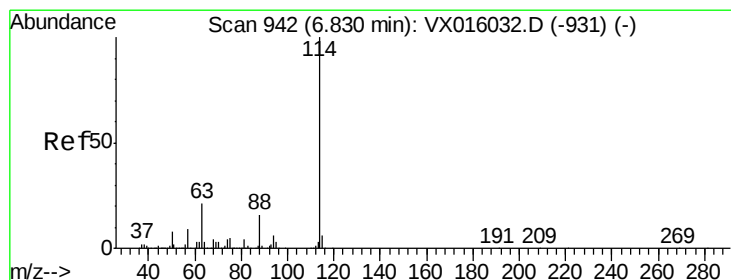
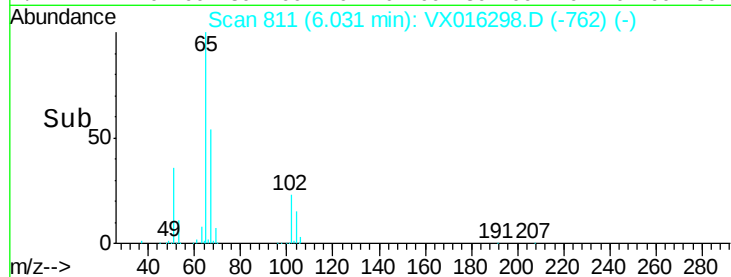
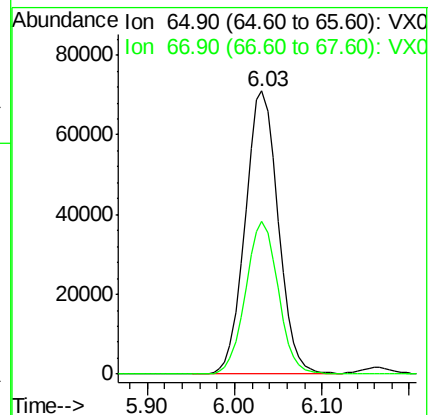
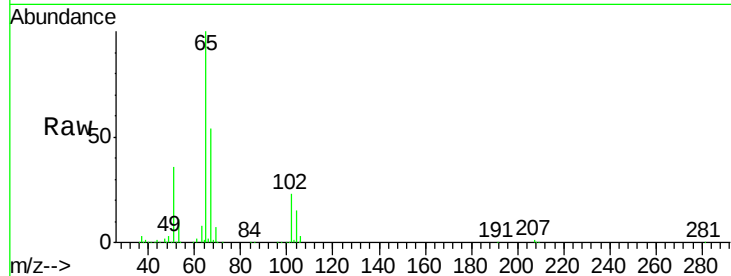
ClientSampleId :

Tot Ion: 65 Resp: 186537

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

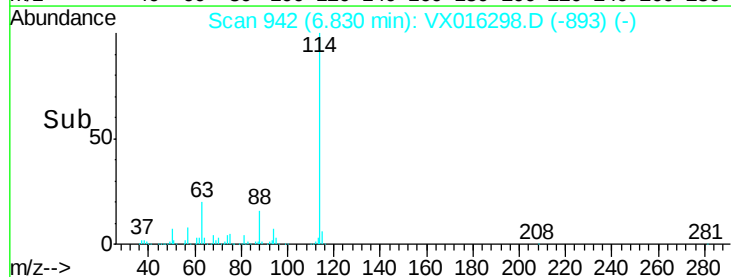
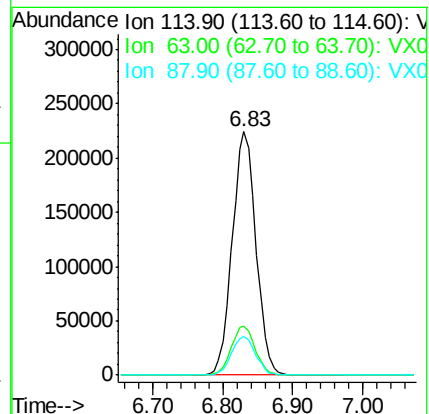
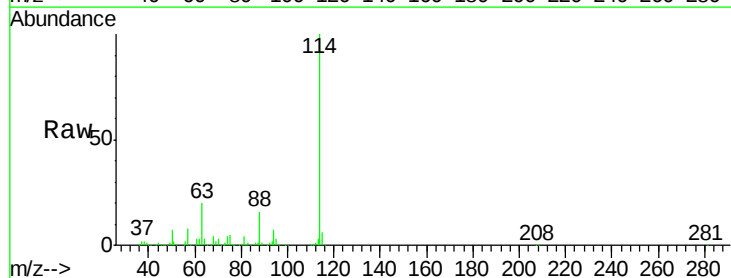
Tgt Ion: 114 Resp: 527143

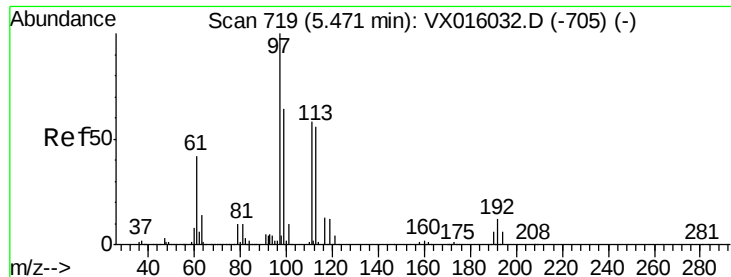
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.581 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

ClientSampleId :

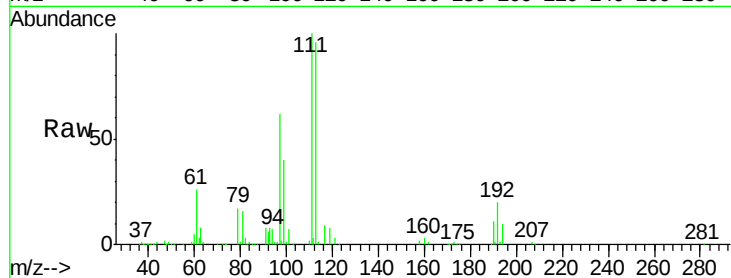
Tot Ion:113 Resp: 152226

Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

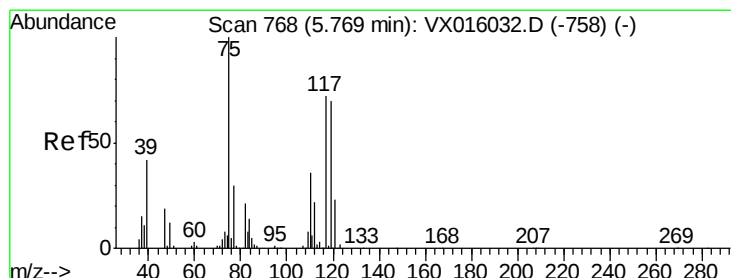
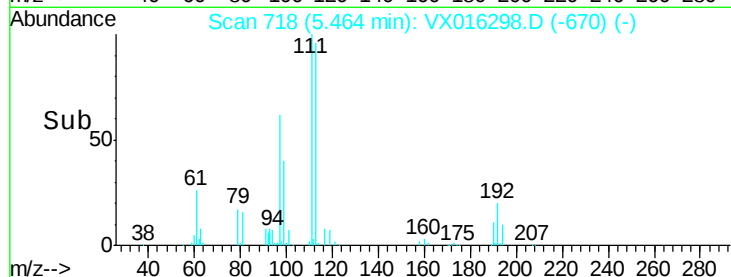
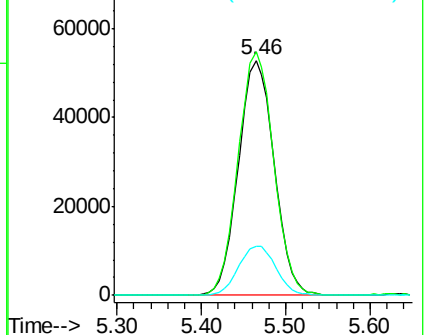
192 22.0 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.010 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

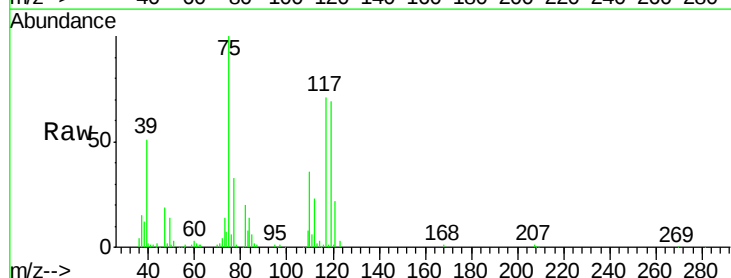
Tgt Ion: 75 Resp: 88267

Ion Ratio Lower Upper

75 100

110 35.9 18.1 54.1

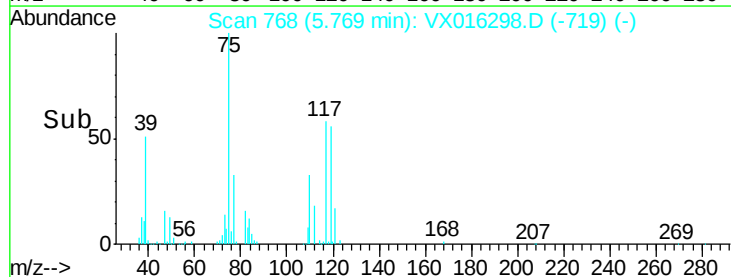
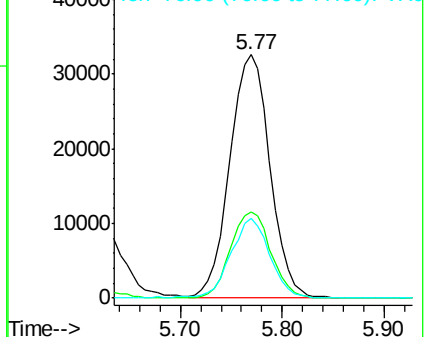
77 32.4 25.0 37.6

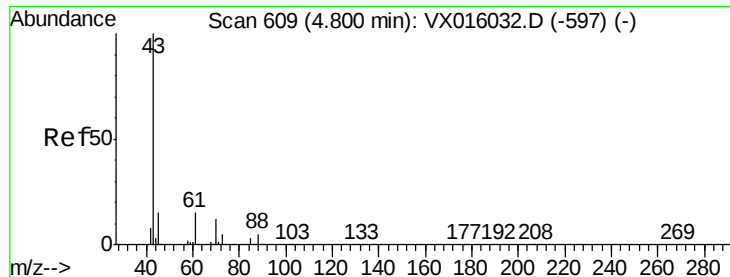


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

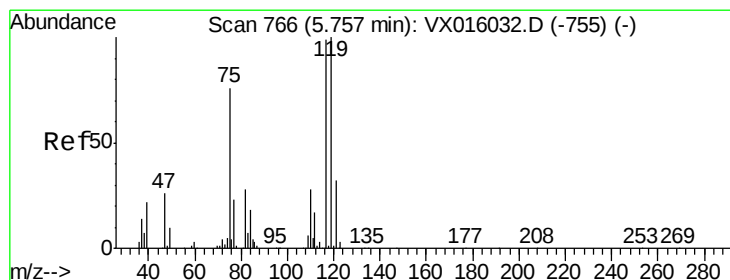
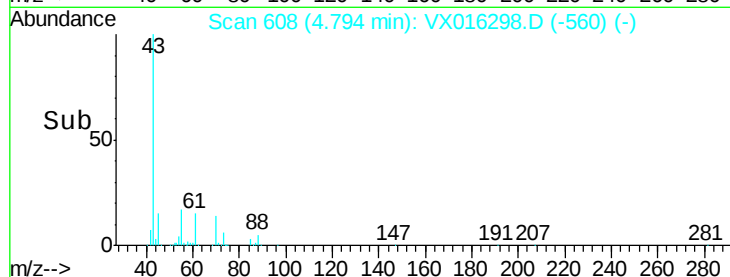
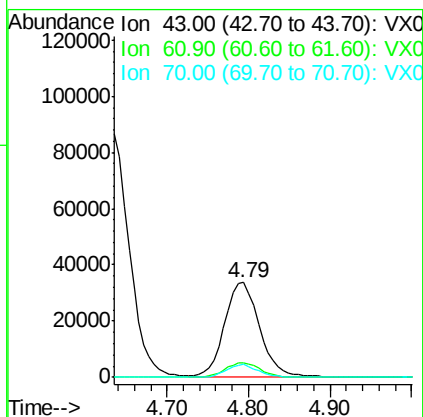
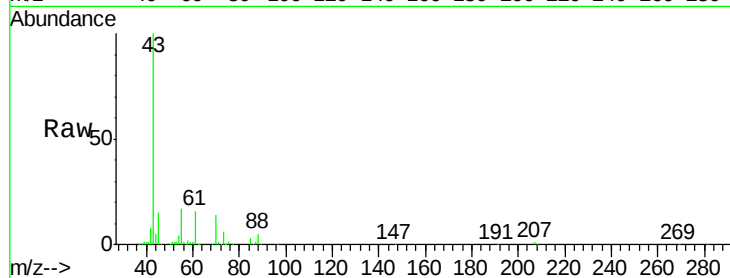




#37
Ethyl Acetate
Concen: 16.587 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

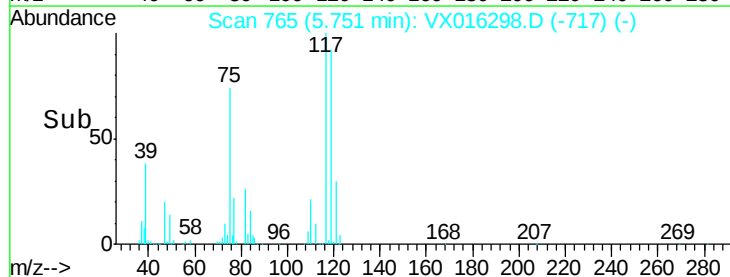
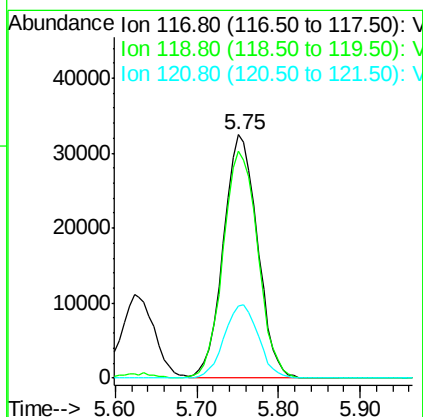
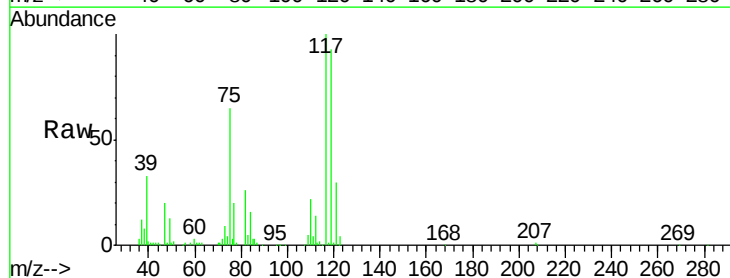
Instrument :
MSVOA_X
ClientSampled :

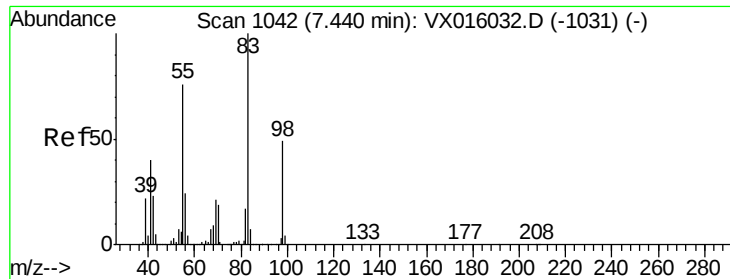
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.7	17.5
70	12.5	9.3	13.9



#38
Carbon Tetrachloride
Concen: 17.778 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	80.3	120.5
121	29.7	25.7	38.5

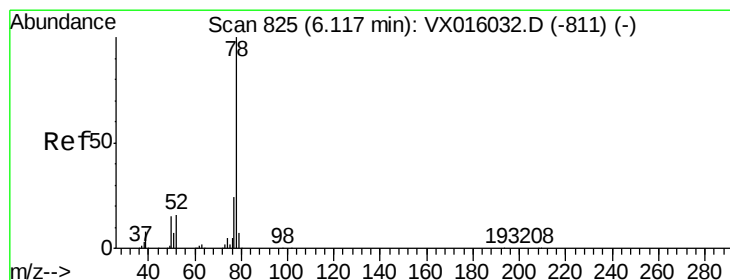
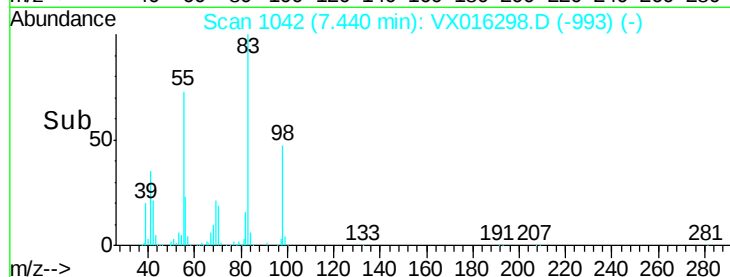
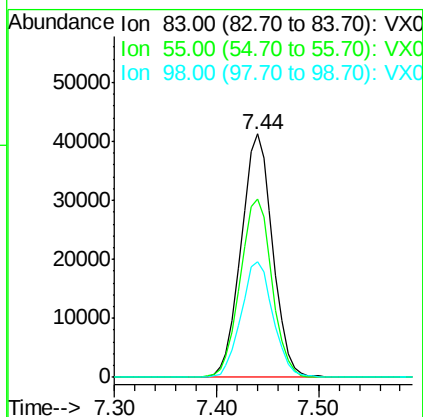
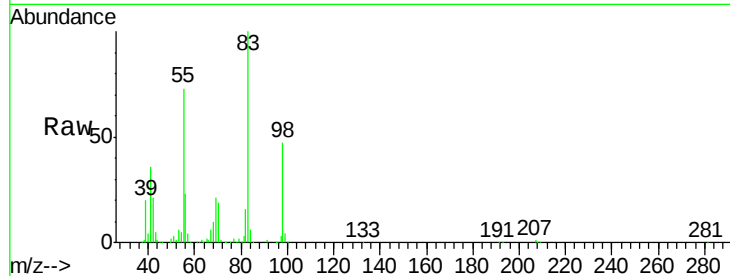




#39
Methvlcvclohexane
Concen: 14.150 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

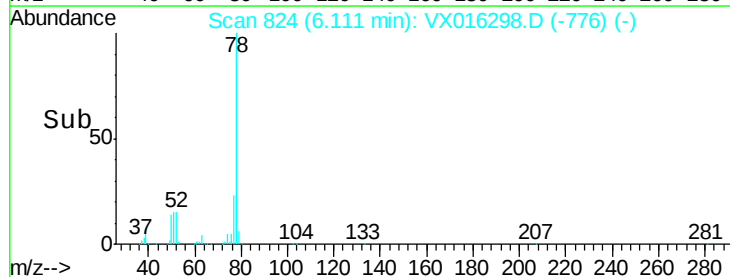
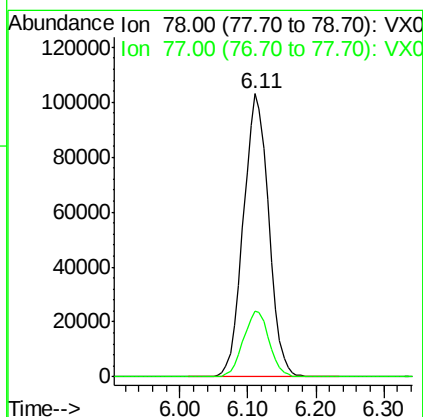
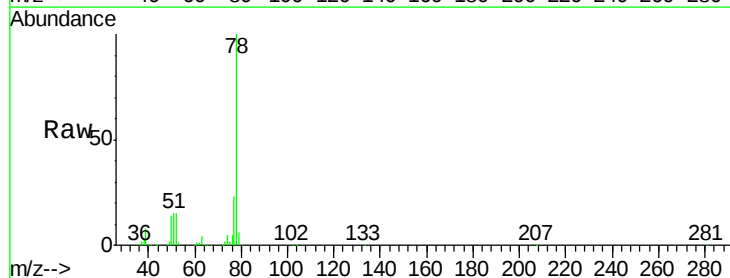
Instrument :
MSVOA_X
ClientSampleId :

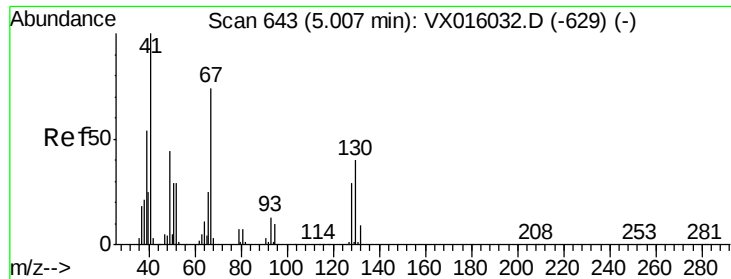
Tot Ion: 83 Resp: 88421
Ion Ratio Lower Upper
83 100
55 73.4 61.1 91.7
98 47.5 39.0 58.4



#40
Benzene
Concen: 17.571 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Tgt Ion: 78 Resp: 266781
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4

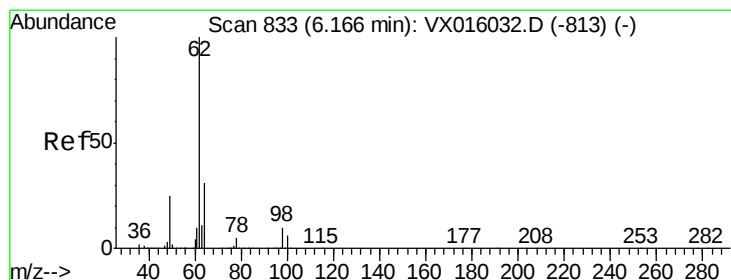
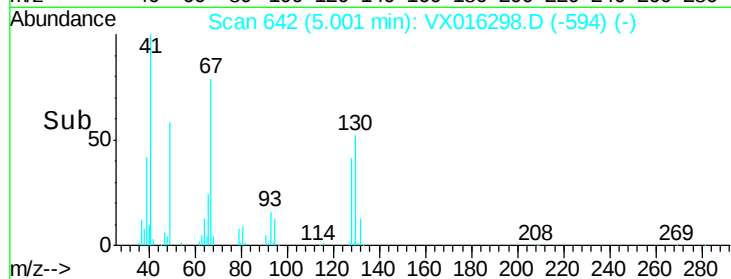
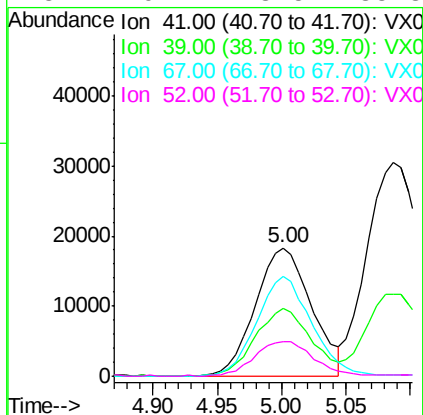
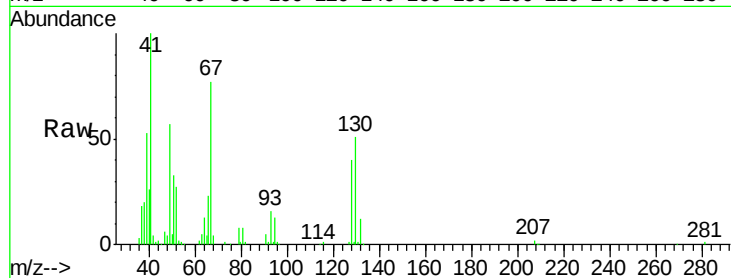




#41
Methacrylonitrile
Concen: 16.971 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

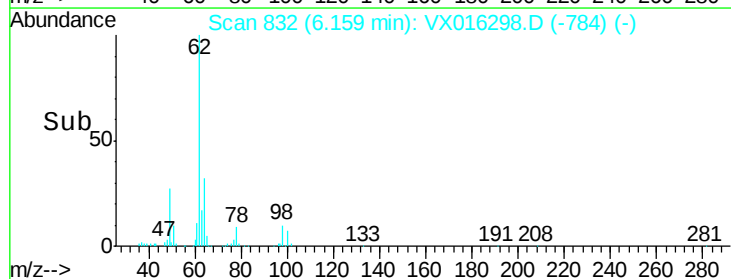
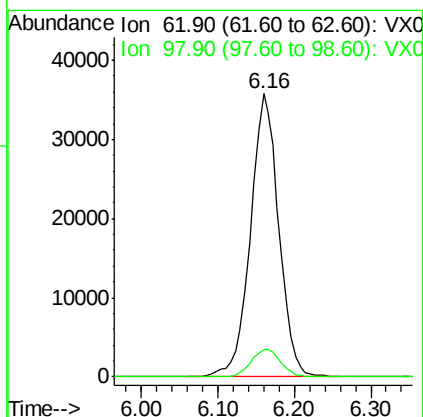
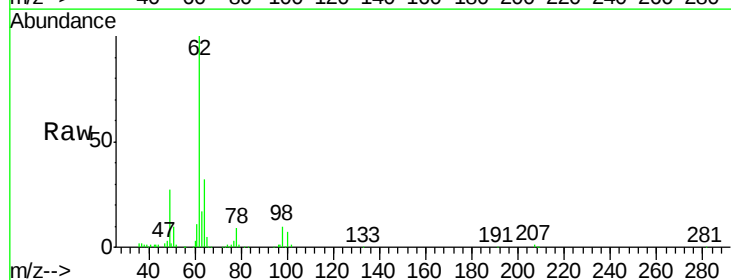
Instrument :
MSVOA_X
ClientSampleId :

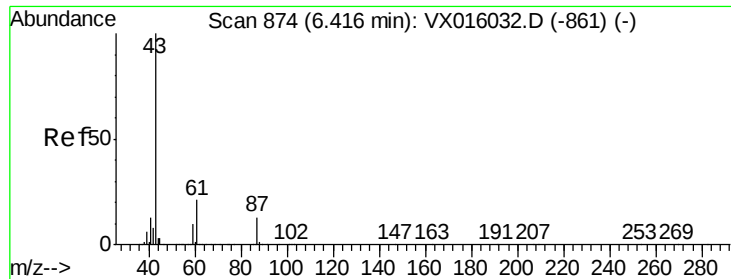
Tot Ion:	41	Resp:	55122
Ion	Ratio	Lower	Upper
41	100		
39	53.1	43.2	64.8
67	77.2	59.3	88.9
52	29.7	23.5	35.3



#42
1,2-Dichloroethane
Concen: 16.875 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Tgt Ion:	62	Resp:	92293
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.4



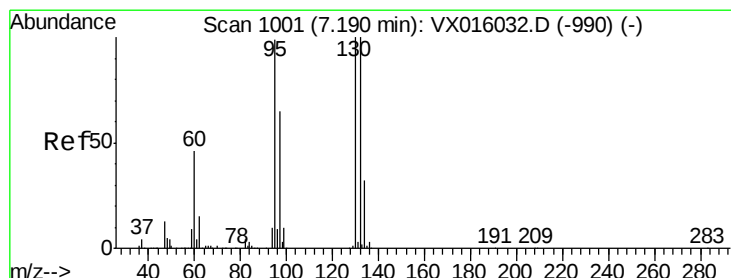
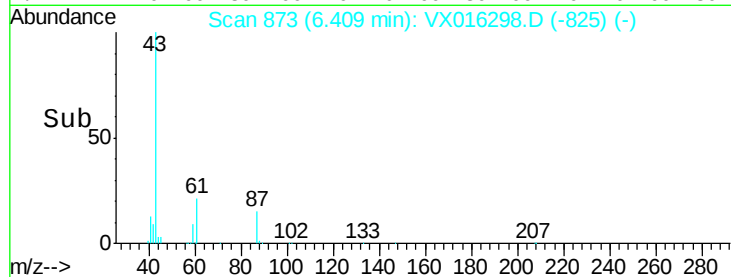
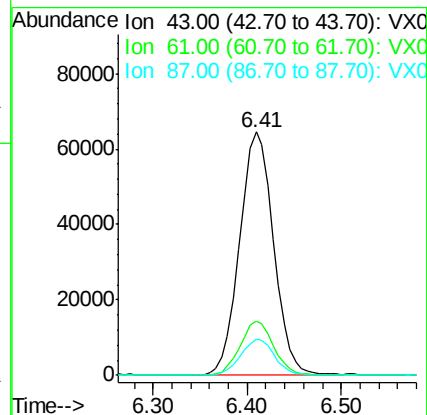
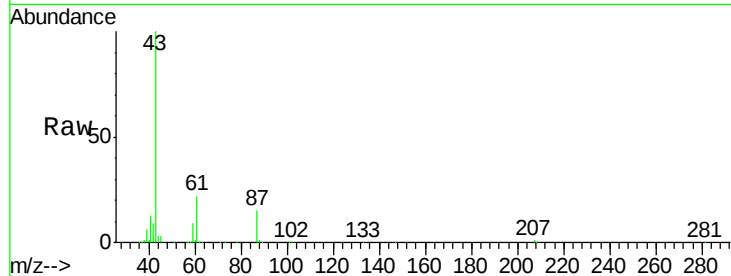


#43

Isopropyl Acetate
 Concen: 16.939 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016298.D
 Acq: 18 May 2020 14:56

Instrument :
 MSVOA_X
 ClientSampleId :

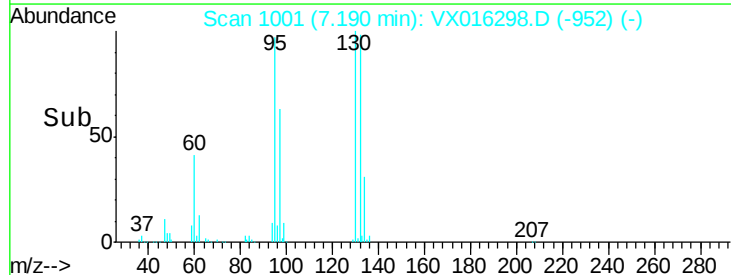
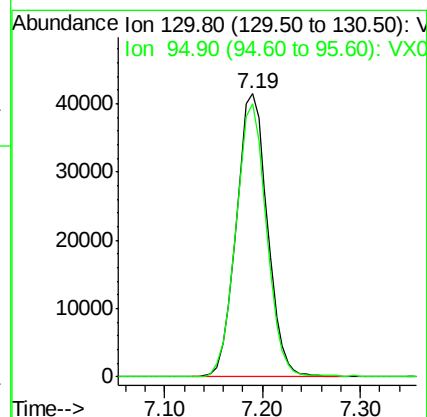
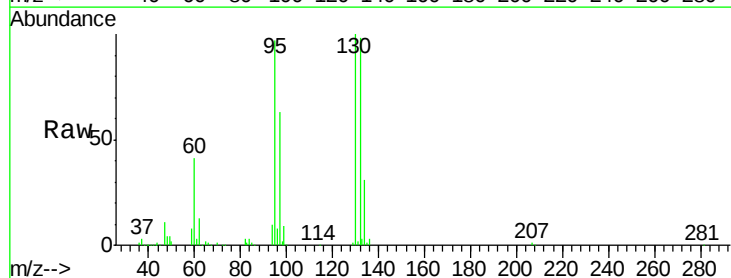
Tot Ion: 43 Resp: 162544
 Ion Ratio Lower Upper
 43 100
 61 22.0 17.0 25.4
 87 14.8 11.0 16.6

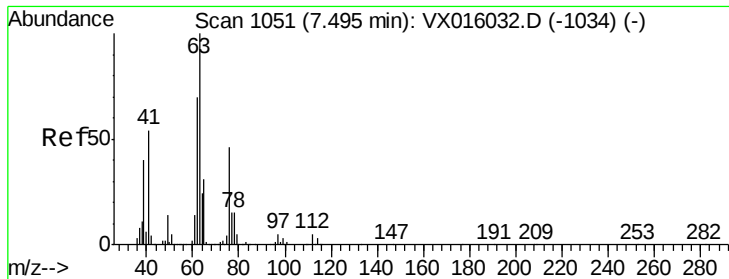


#44

Trichloroethene
 Concen: 16.986 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016298.D
 Acq: 18 May 2020 14:56

Tgt Ion:130 Resp: 91622
 Ion Ratio Lower Upper
 130 100
 95 96.6 0.0 197.4





#45

1,2-Dichloropropane

Concen: 18.132 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

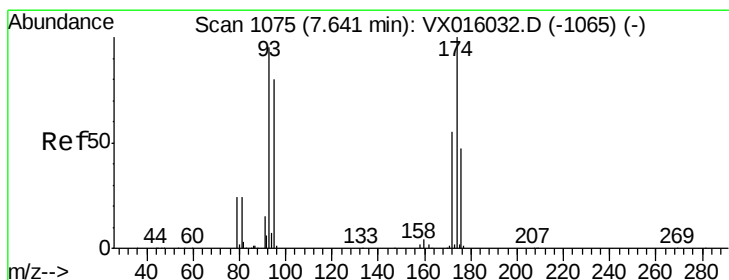
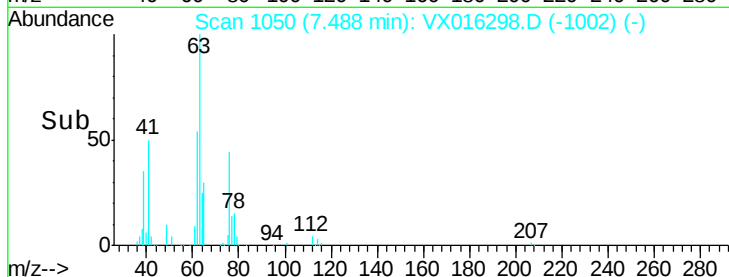
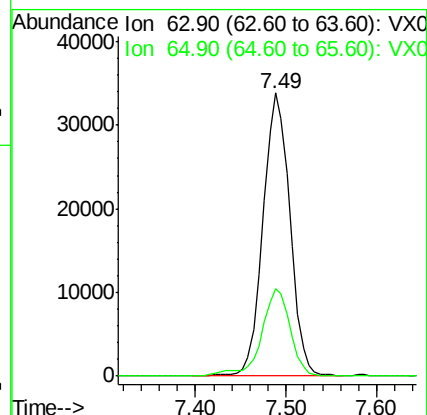
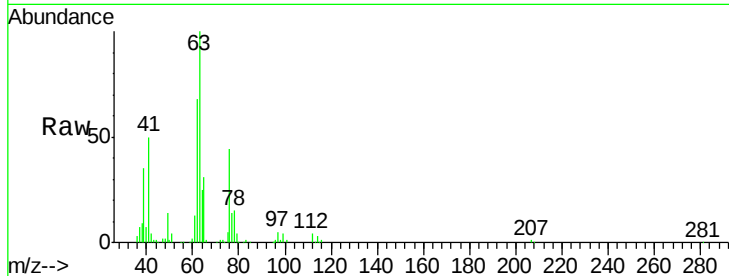
ClientSampleId :

Tot Ion: 63 Resp: 69660

Ion Ratio Lower Upper

63 100

65 31.0 24.4 36.6



#46

Dibromomethane

Concen: 17.494 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

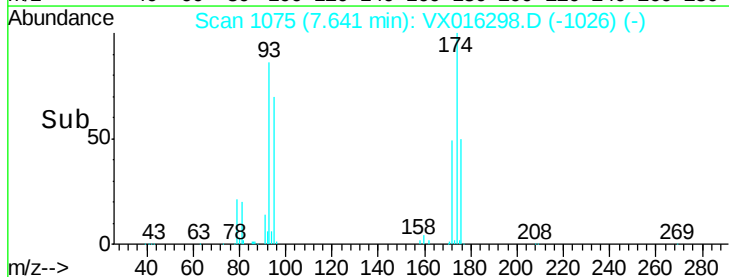
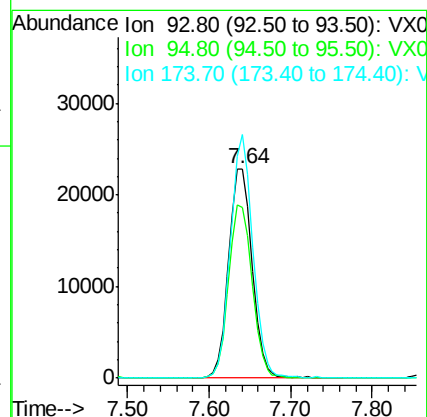
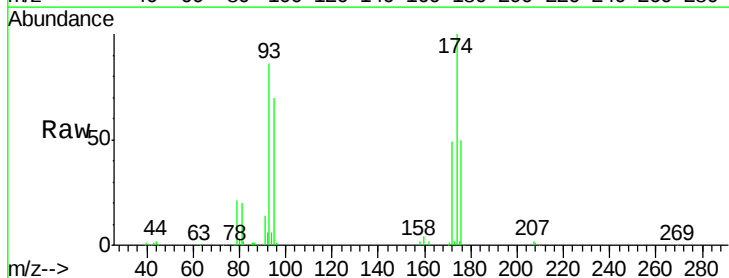
Tgt Ion: 93 Resp: 45672

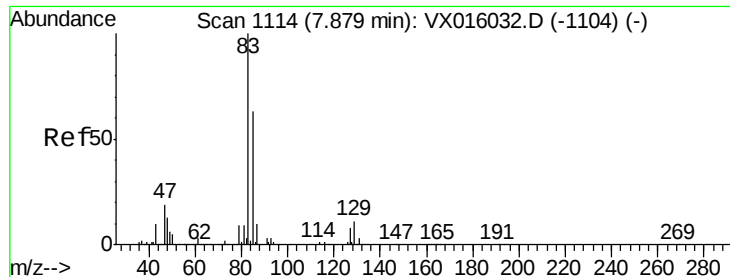
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 109.9 84.2 126.4





#47

Bromodichloromethane

Concen: 17.706 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :

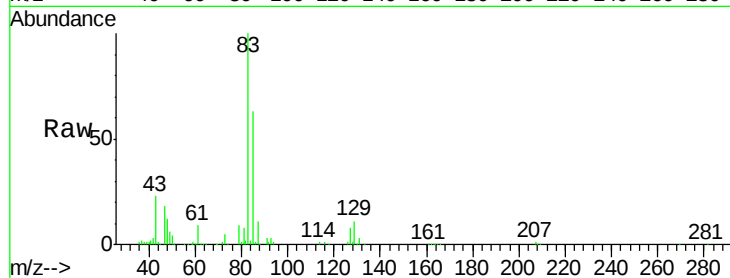
Tot Ion: 83 Resp: 94145

Ion Ratio Lower Upper

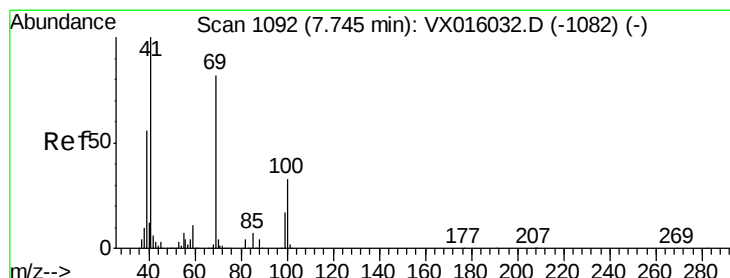
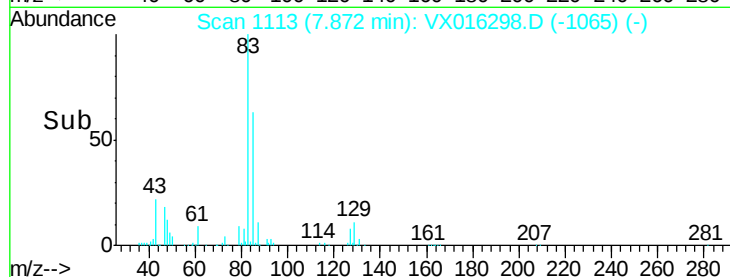
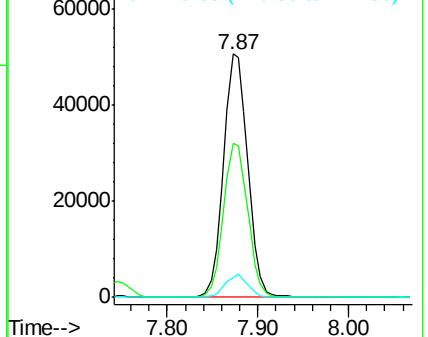
83 100

85 63.1 50.5 75.7

127 7.9 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.375 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

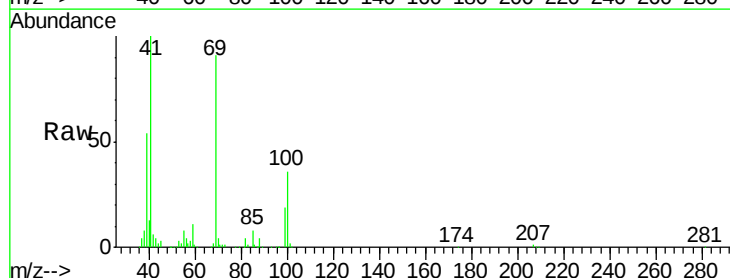
Tgt Ion: 41 Resp: 74455

Ion Ratio Lower Upper

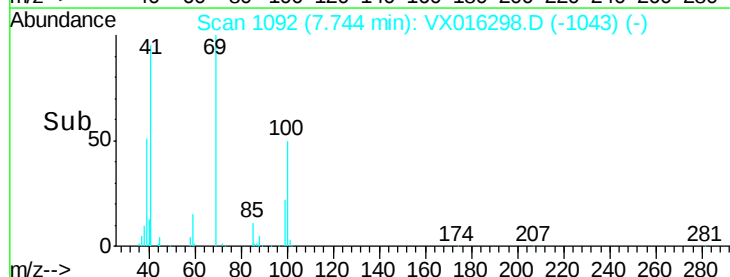
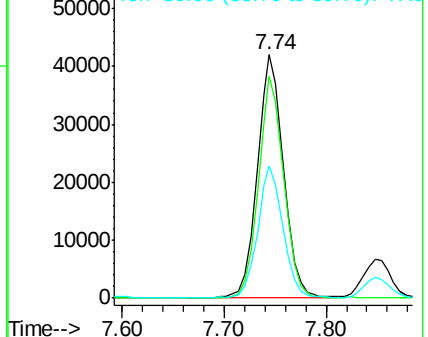
41 100

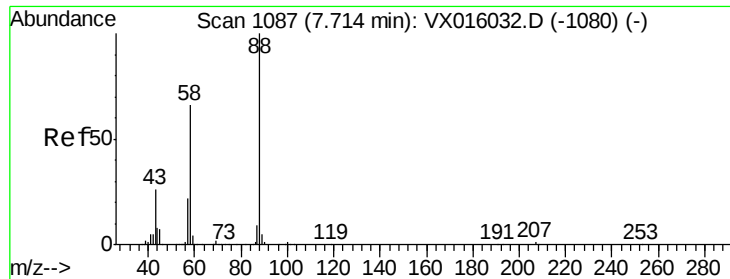
69 88.6 67.8 101.6

39 52.9 44.6 67.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

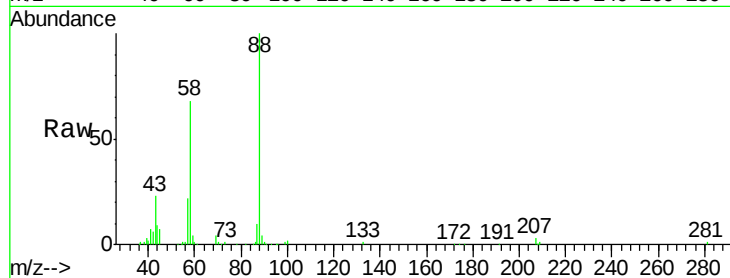




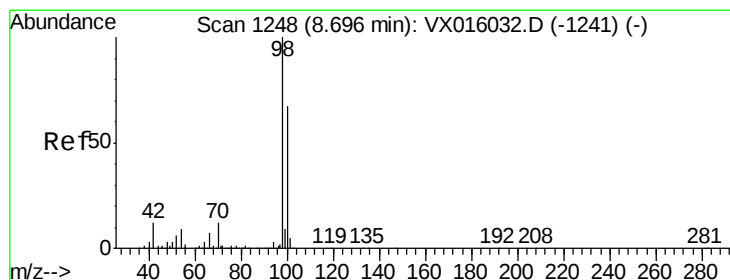
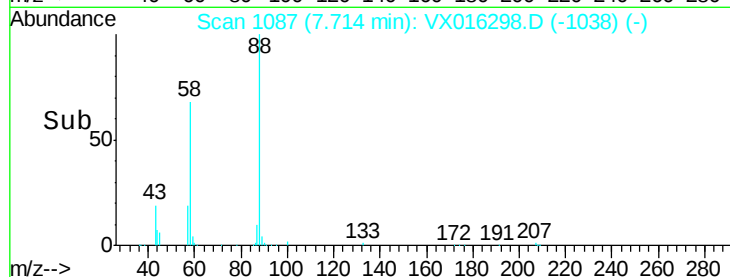
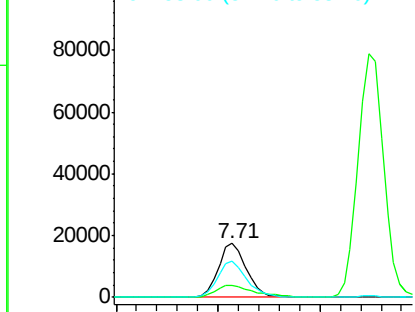
#49
1,4-Dioxane
Concen: 307.507 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 33534
Ion Ratio Lower Upper
88 100
43 29.0 25.3 37.9
58 70.0 55.9 83.9

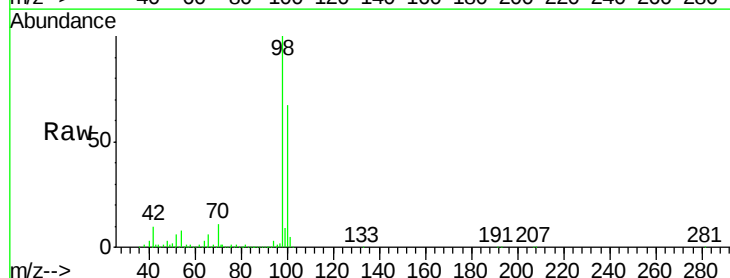


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

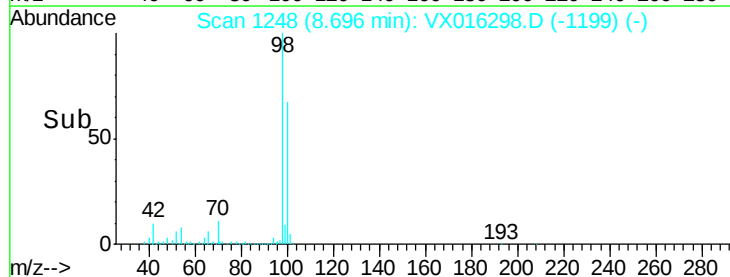
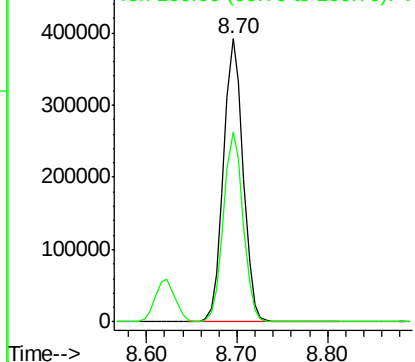


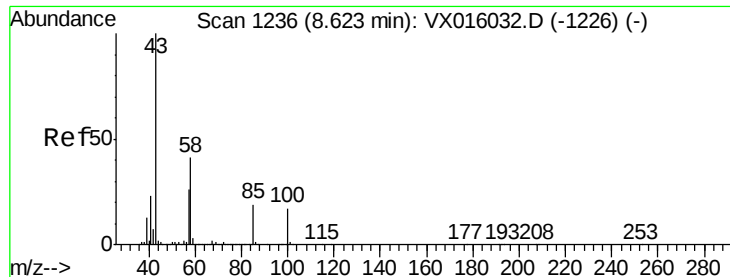
#50
Toluene-d8
Concen: 45.963 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Tgt Ion: 98 Resp: 591453
Ion Ratio Lower Upper
98 100
100 67.2 53.7 80.5



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





#51

4-Methyl-2-Pentanone

Concen: 85.197 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

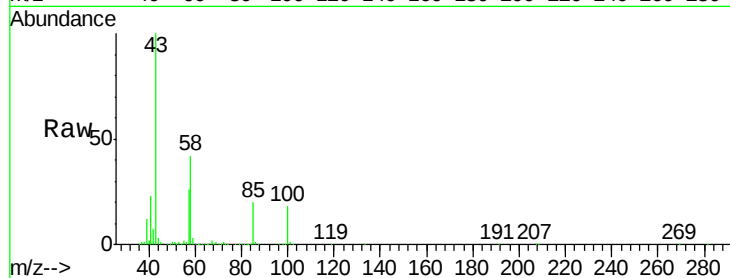
ClientSampleId :

Tot Ion: 43 Resp: 500282

Ion Ratio Lower Upper

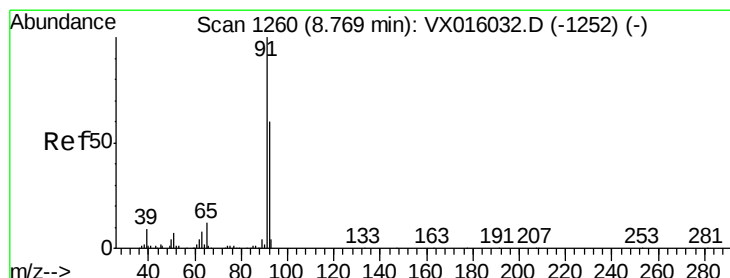
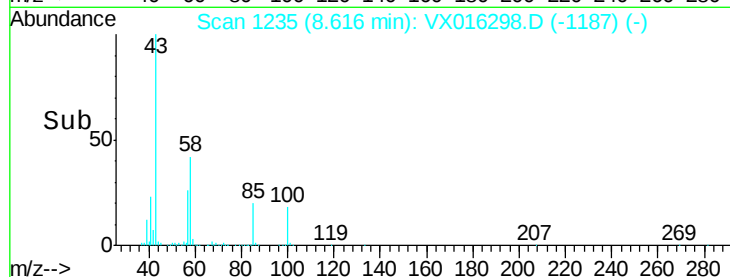
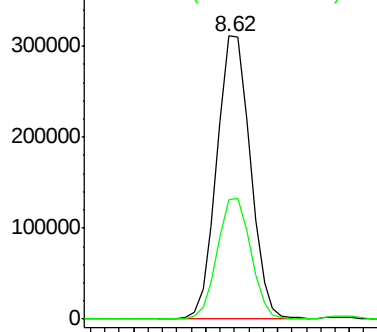
43 100

58 42.6 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 17.777 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016298.D

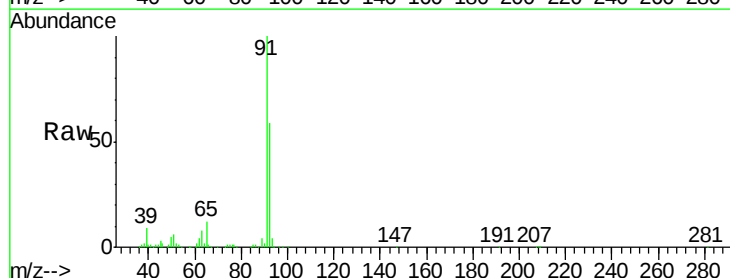
Acq: 18 May 2020 14:56

Tgt Ion: 92 Resp: 168237

Ion Ratio Lower Upper

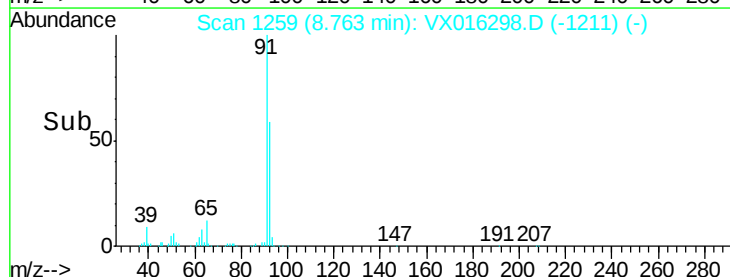
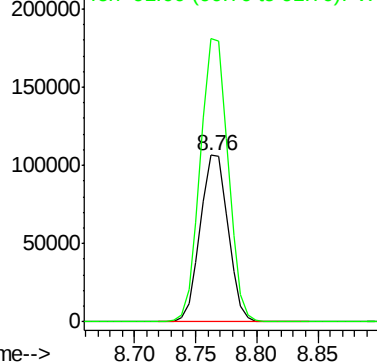
92 100

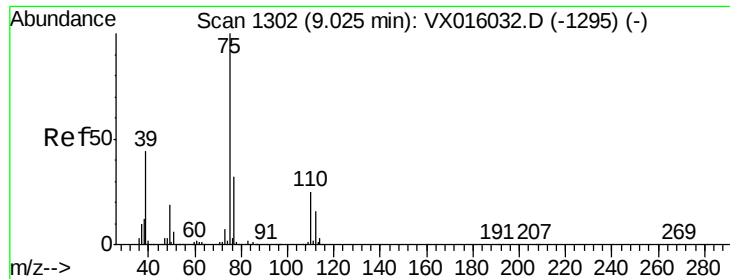
91 169.2 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.340 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

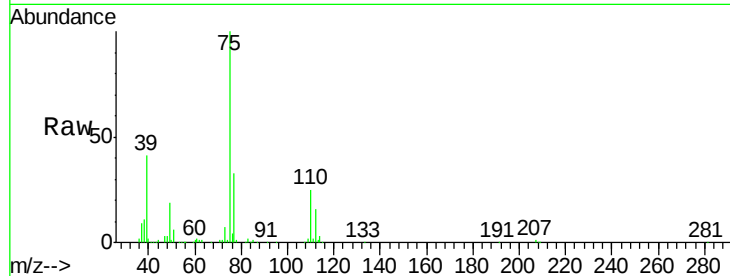
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 109930

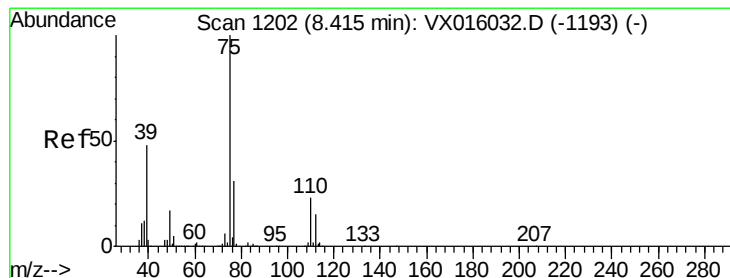
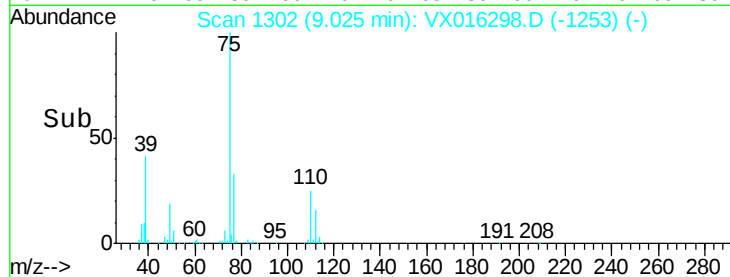
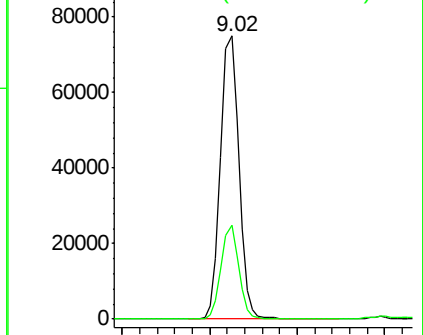
Ion Ratio Lower Upper

75 100

77 33.2 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 17.650 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

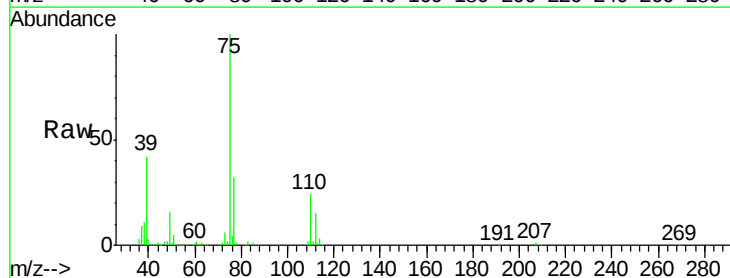
Tgt Ion: 75 Resp: 116874

Ion Ratio Lower Upper

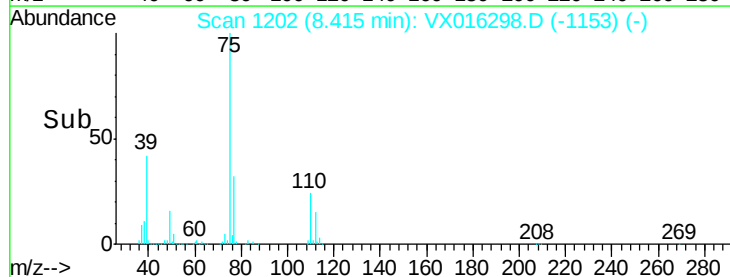
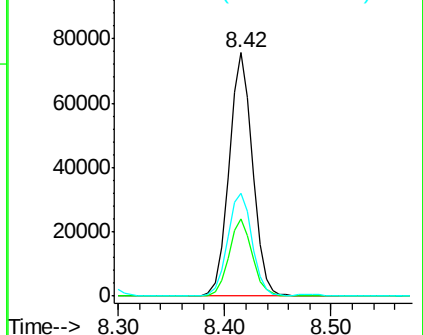
75 100

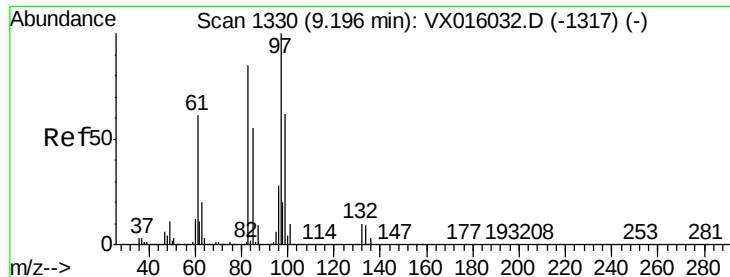
77 31.8 24.7 37.1

39 41.8 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0

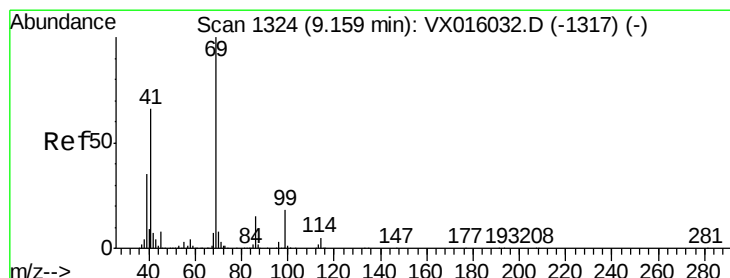
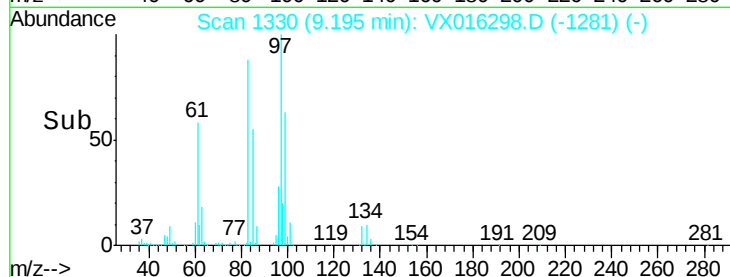
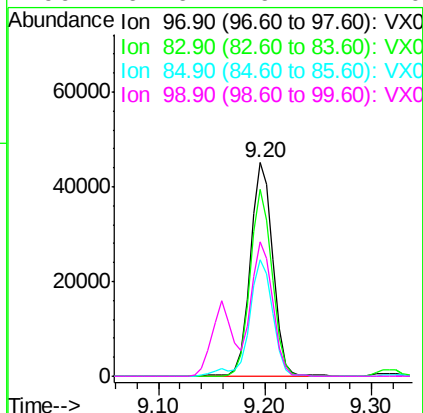
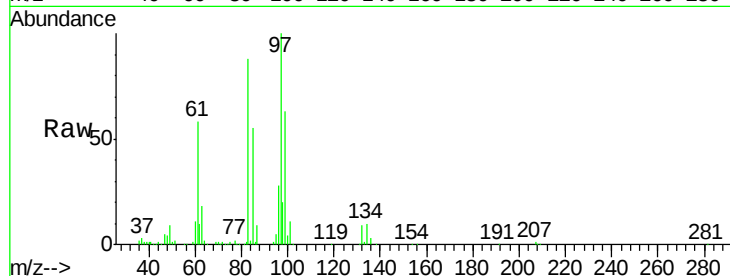




#55
 1,1,2-Trichloroethane
 Concen: 17.955 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016298.D
 Acq: 18 May 2020 14:56

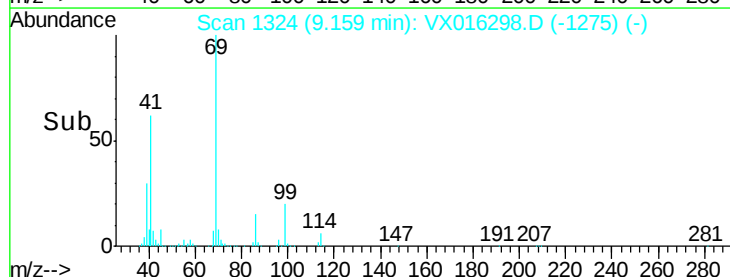
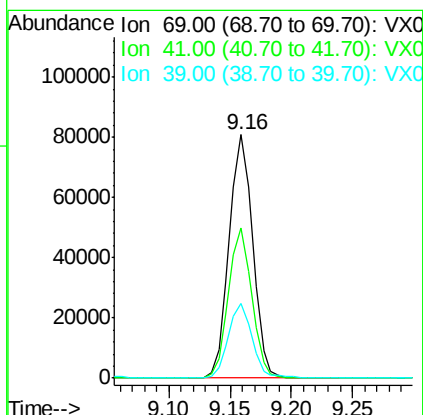
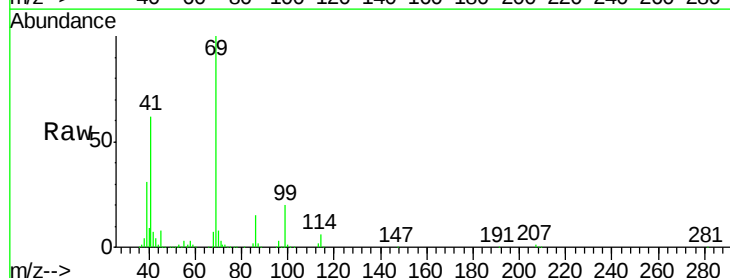
Instrument :
 MSVOA_X
 ClientSampleId :

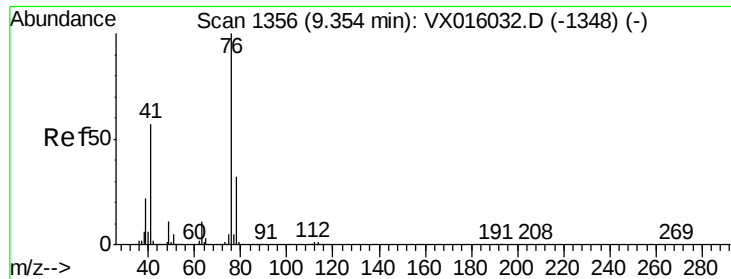
Tot Ion:	97	Resp:	66853
Ion	Ratio	Lower	Upper
97	100		
83	87.6	67.8	101.8
85	54.8	43.8	65.8
99	62.6	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 17.756 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016298.D
 Acq: 18 May 2020 14:56

Tgt Ion:	69	Resp:	107916
Ion	Ratio	Lower	Upper
69	100		
41	61.5	52.2	78.4
39	30.8	28.2	42.4





#57

1,3-Dichloropropane

Concen: 17.847 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

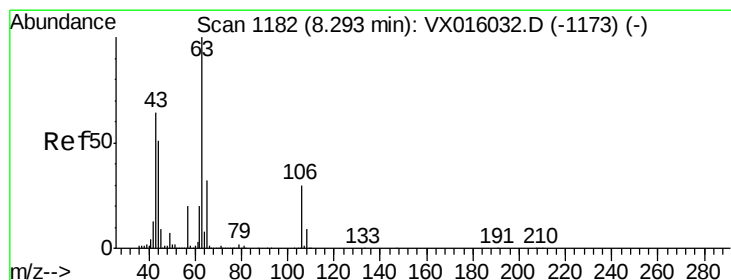
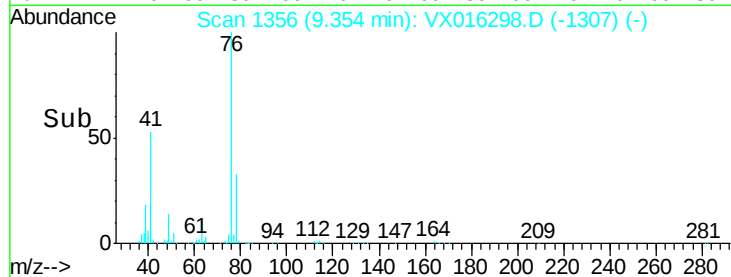
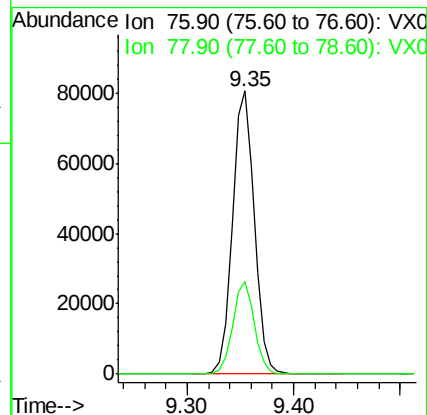
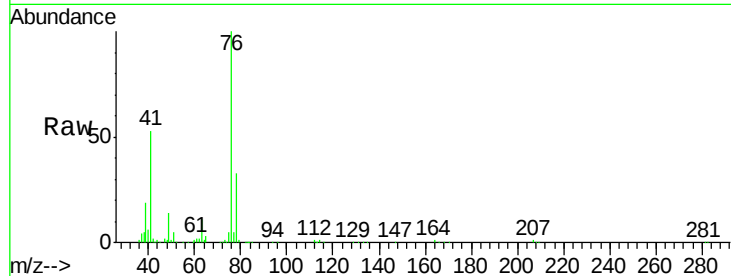
ClientSampleId :

Tot Ion: 76 Resp: 115949

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 82.179 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016298.D

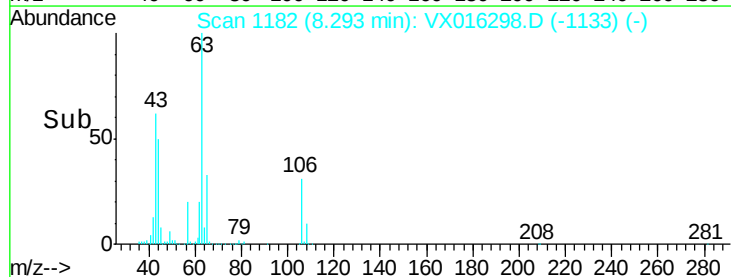
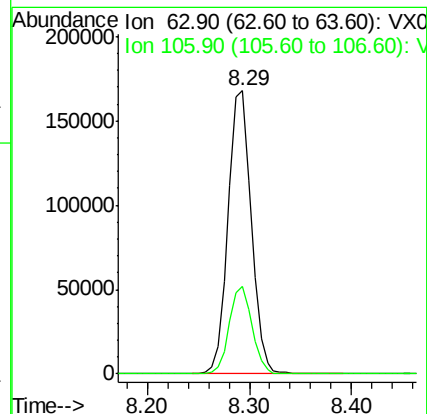
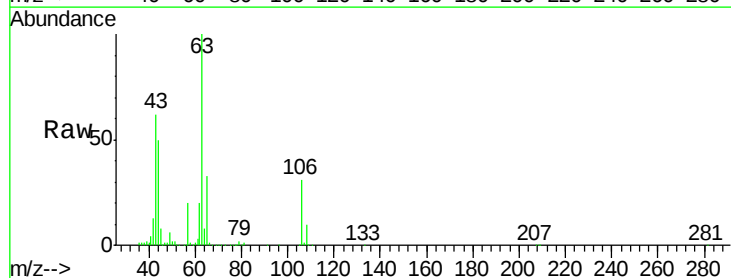
Acq: 18 May 2020 14:56

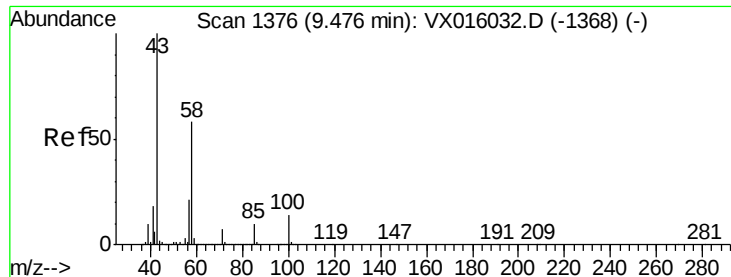
Tgt Ion: 63 Resp: 265898

Ion Ratio Lower Upper

63 100

106 30.2 23.4 35.2

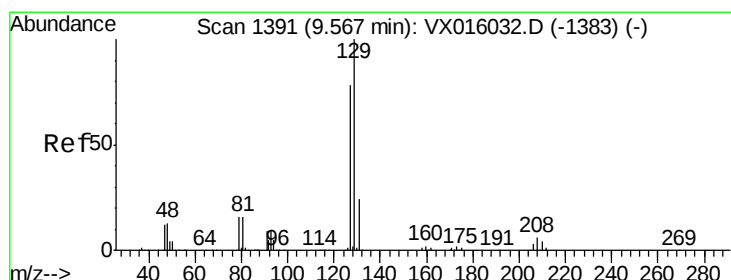
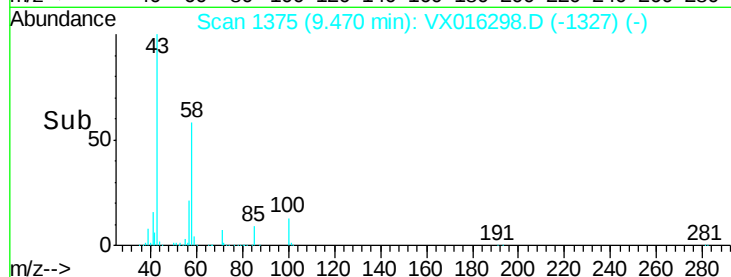
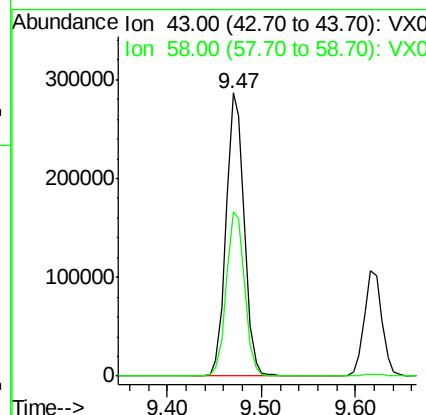
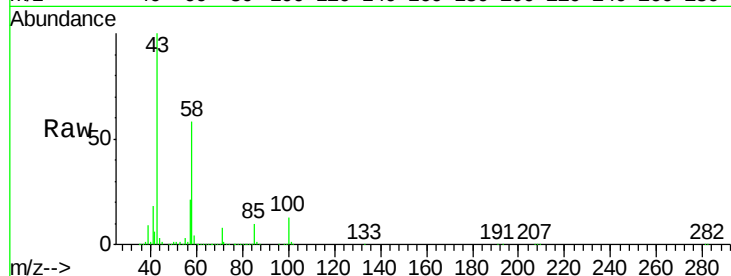




#59
2-Hexanone
Concen: 82.365 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

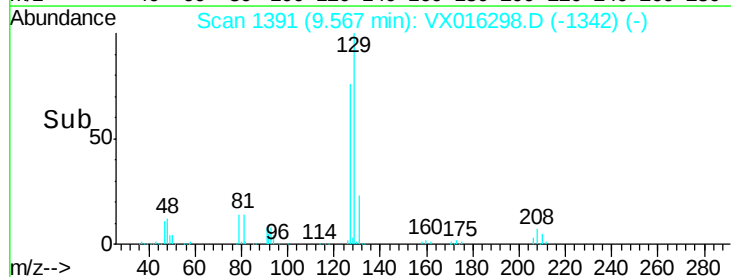
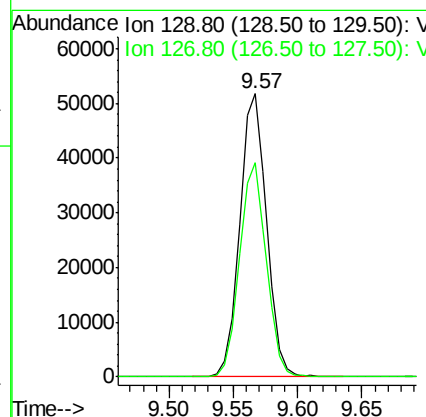
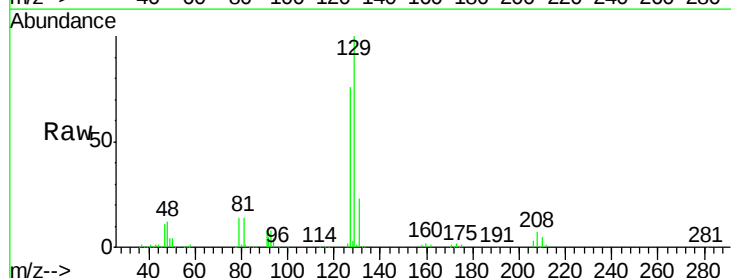
Instrument :
MSVOA_X
ClientSampleId :

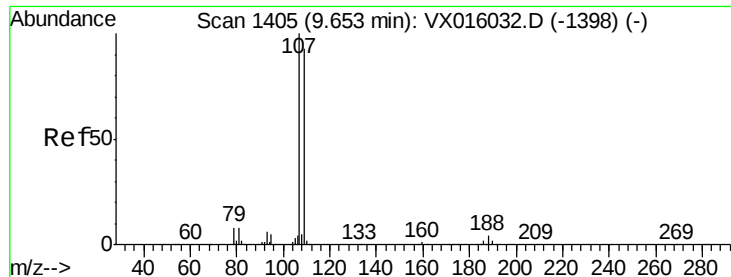
Tot Ion: 43 Resp: 379825
Ion Ratio Lower Upper
43 100
58 58.9 28.6 85.9



#60
Dibromochloromethane
Concen: 18.151 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Tgt Ion: 129 Resp: 74431
Ion Ratio Lower Upper
129 100
127 75.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 17.968 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

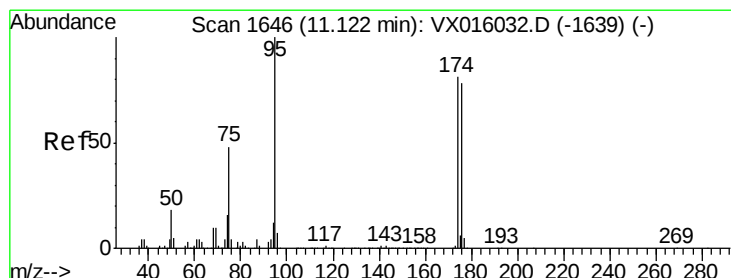
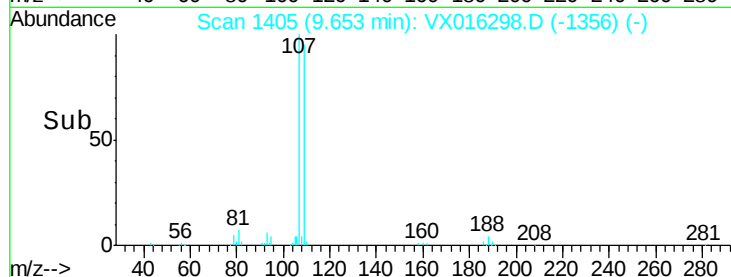
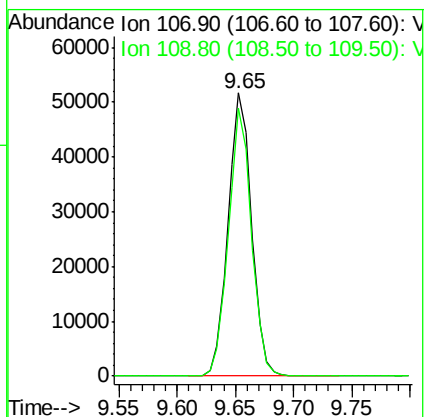
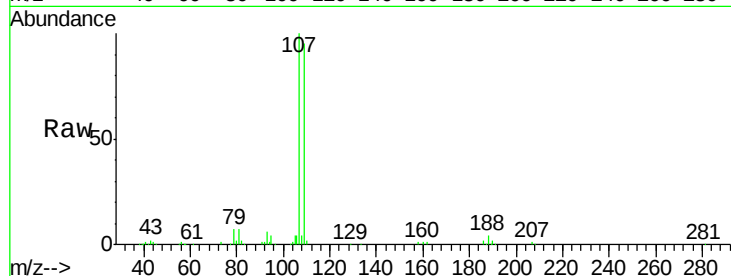
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 107 Resp: 72466

Ion Ratio Lower Upper

107 100

109 93.2 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 45.509 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

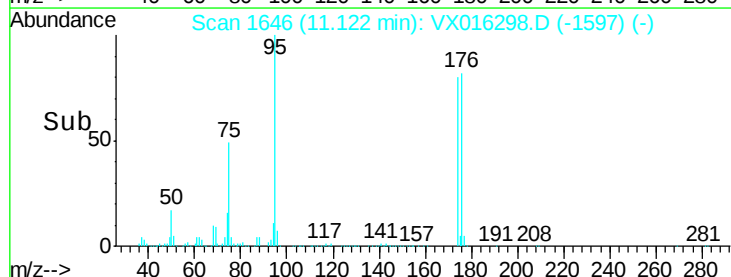
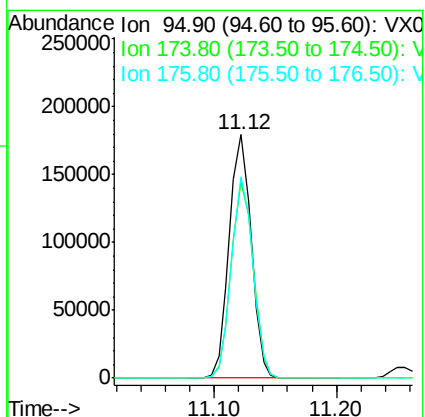
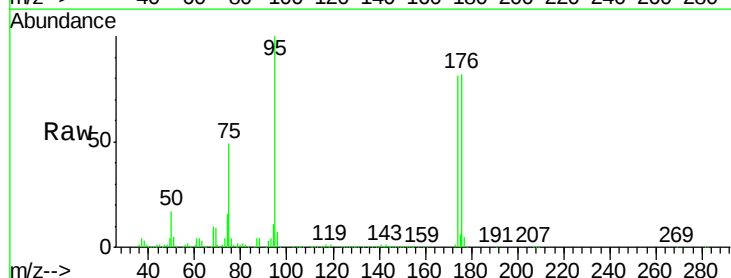
Tgt Ion: 95 Resp: 222738

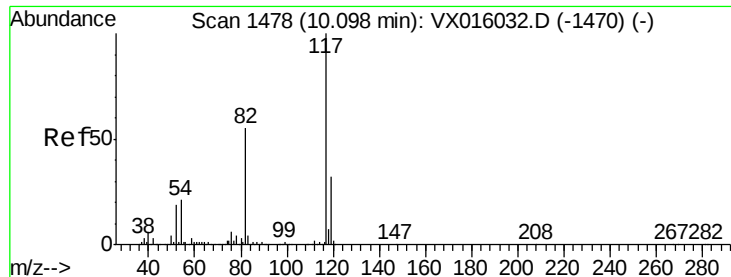
Ion Ratio Lower Upper

95 100

174 81.3 0.0 159.4

176 80.9 0.0 157.6

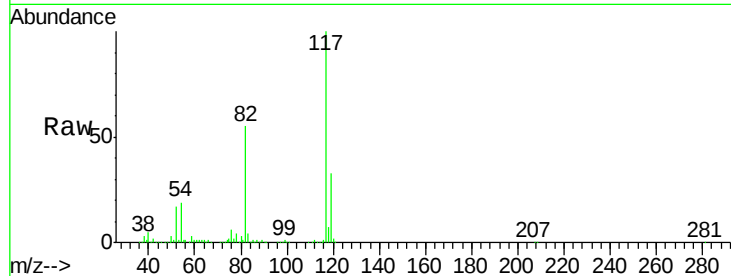




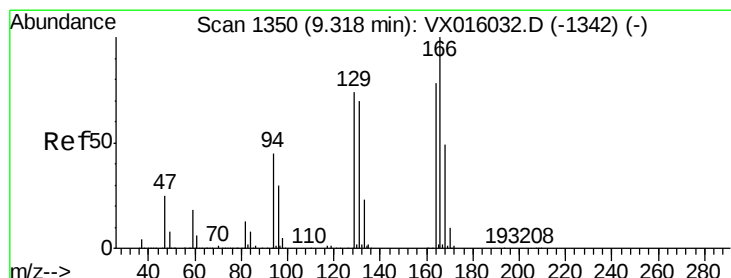
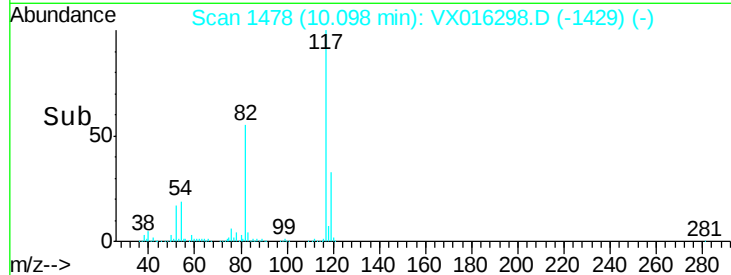
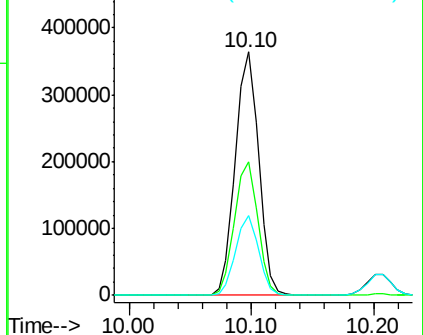
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 479375
Ion Ratio Lower Upper
117 100
82 54.6 44.4 66.6
119 32.8 25.5 38.3

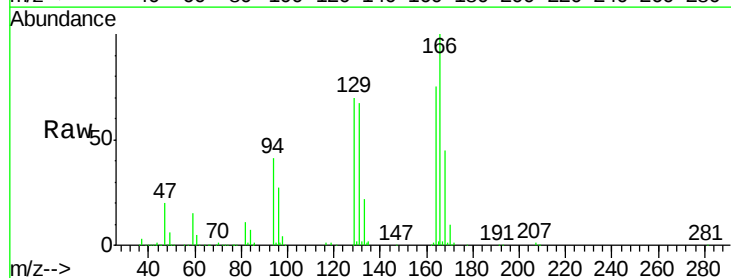


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

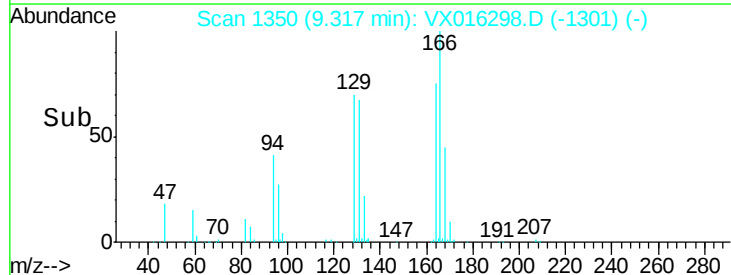
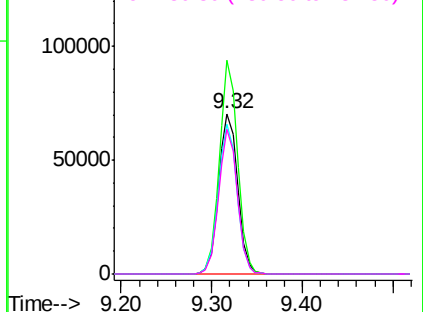


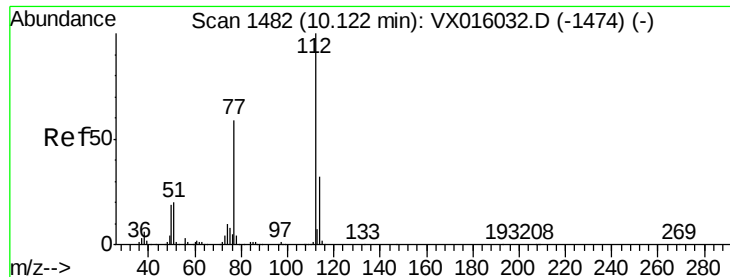
#64
Tetrachloroethene
Concen: 17.501 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Tgt Ion:164 Resp: 102990
Ion Ratio Lower Upper
164 100
166 133.4 102.9 154.3
129 93.8 76.1 114.1
131 90.0 71.9 107.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

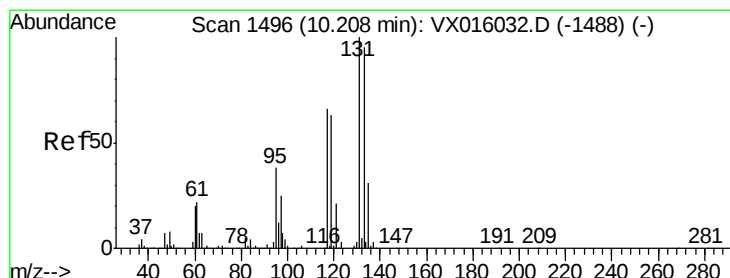
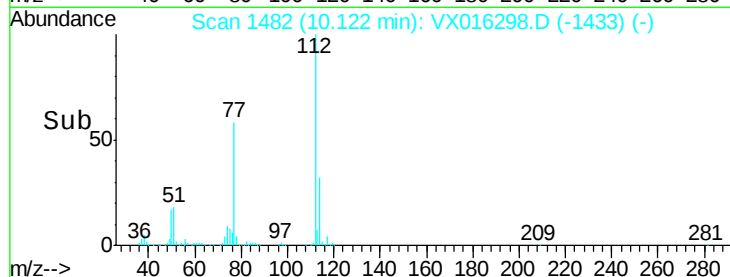
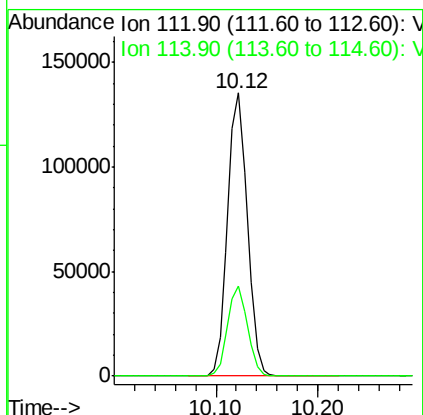
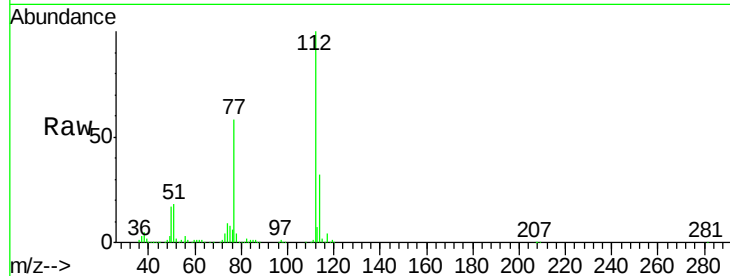




#65
Chlorobenzene
Concen: 18.067 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

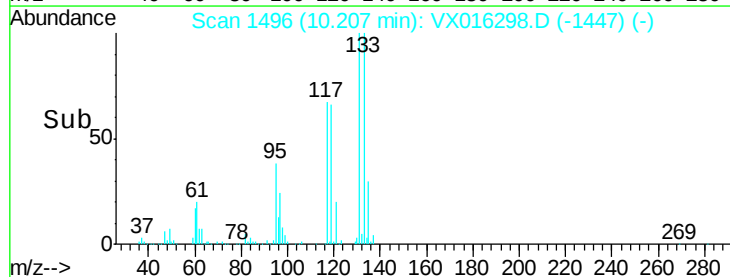
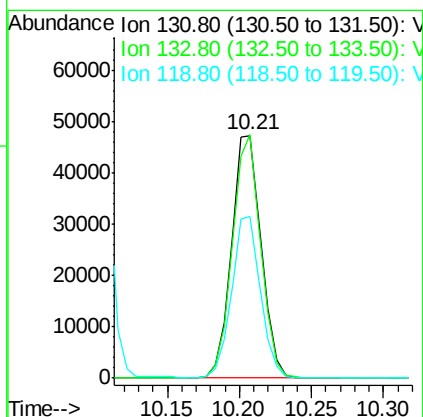
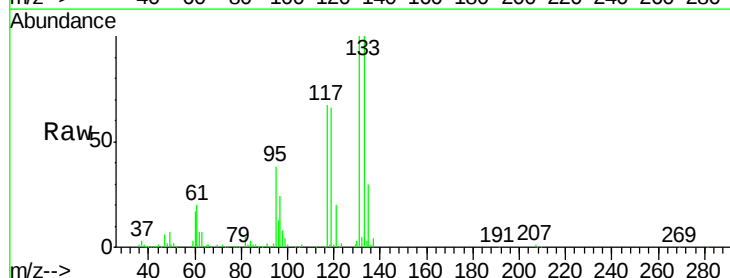
Instrument :
MSVOA_X
ClientSampleId :

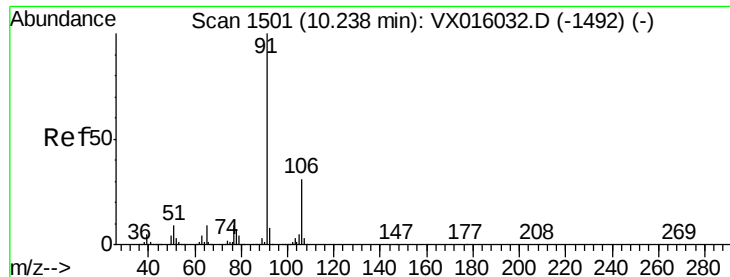
Tot Ion:112 Resp: 181353
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.336 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Tgt Ion:131 Resp: 68025
Ion Ratio Lower Upper
131 100
133 96.0 48.3 144.8
119 65.0 32.3 96.9





#67

Ethyl Benzene

Concen: 17.690 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

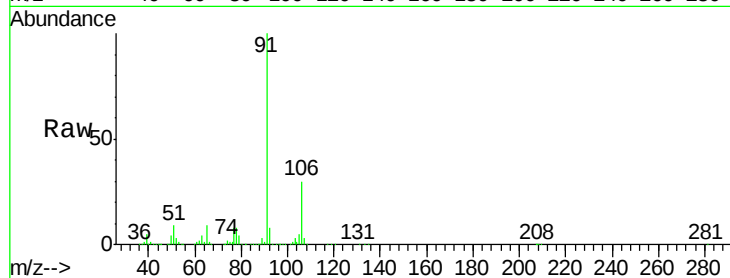
ClientSampled :

Tot Ion: 91 Resp: 316812

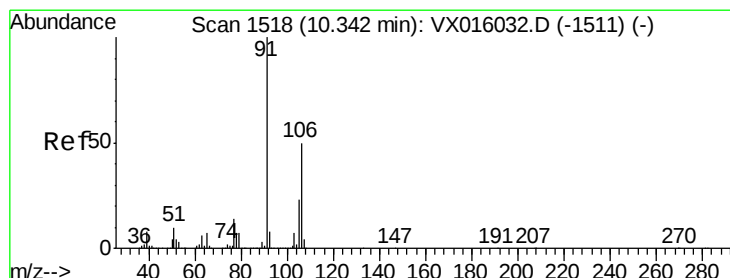
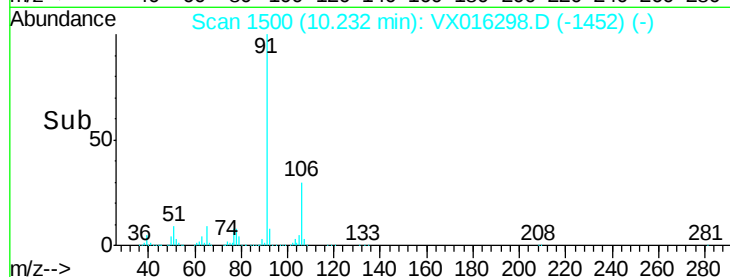
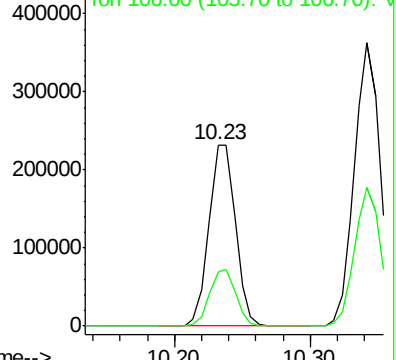
Ion Ratio Lower Upper

91 100

106 30.2 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1492) (-)



#68

m/p-Xylenes

Concen: 35.536 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016298.D

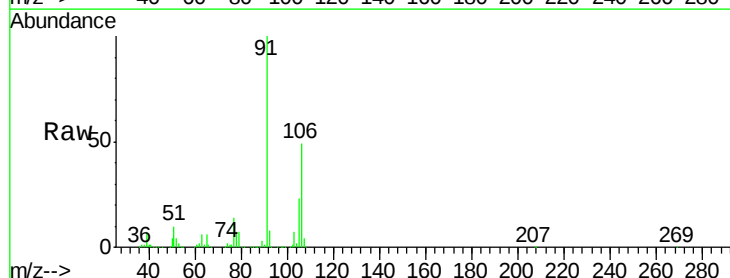
Acq: 18 May 2020 14:56

Tgt Ion: 106 Resp: 238451

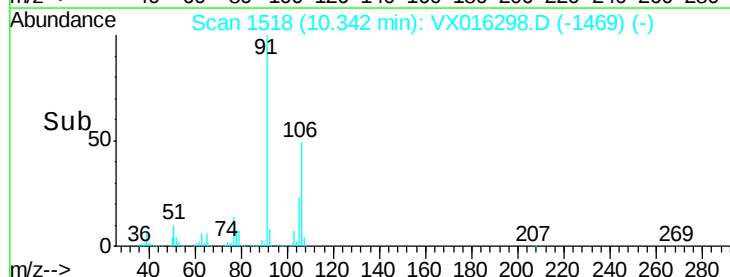
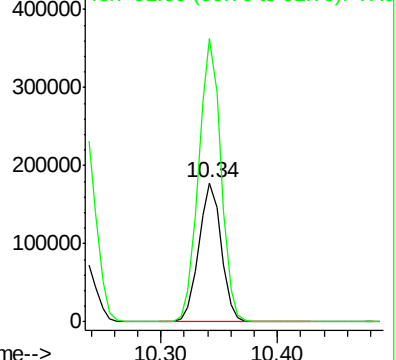
Ion Ratio Lower Upper

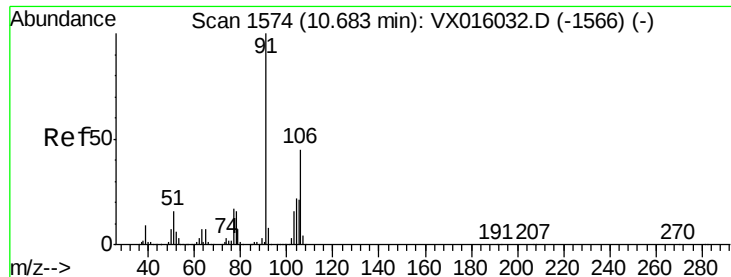
106 100

91 202.3 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VX016032.D (-1511) (-)

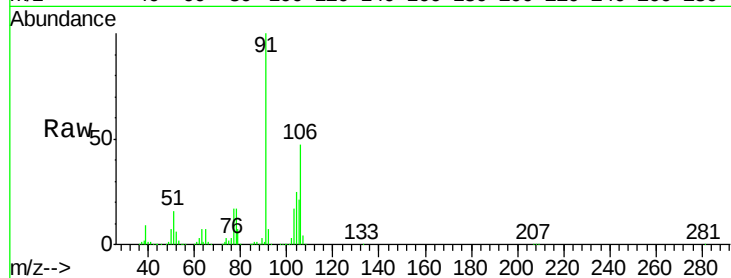




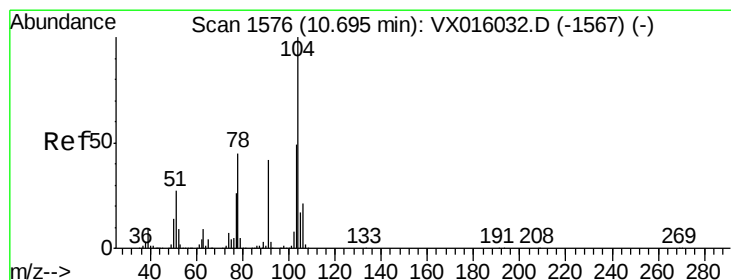
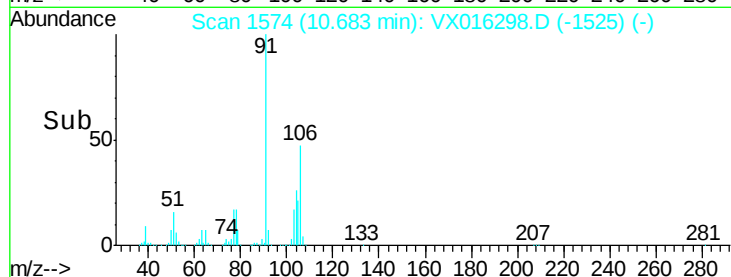
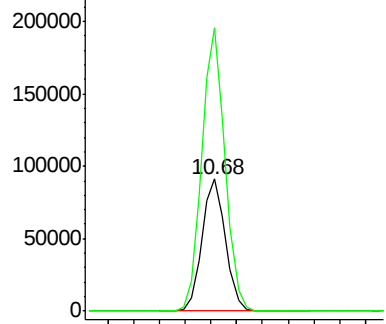
#69
o-Xylene
Concen: 18.018 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 116216
Ion Ratio Lower Upper
106 100
91 211.2 107.5 322.6

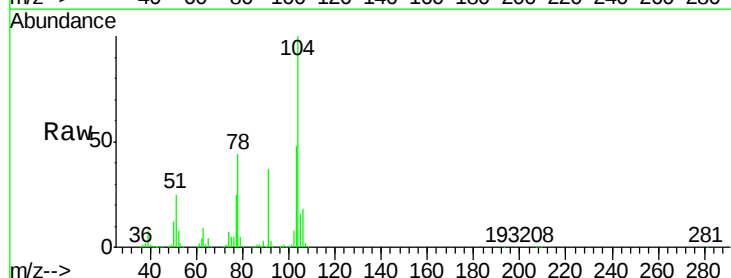


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

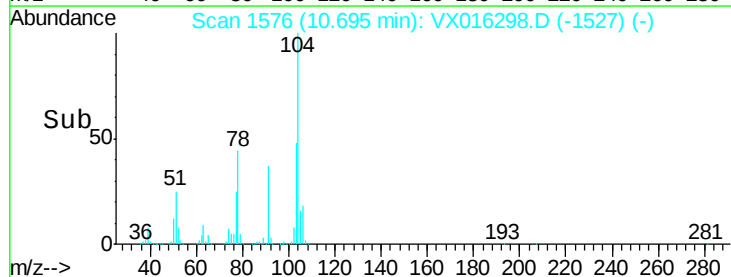
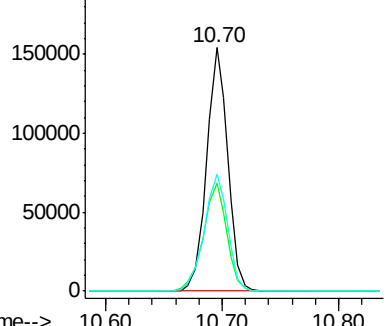


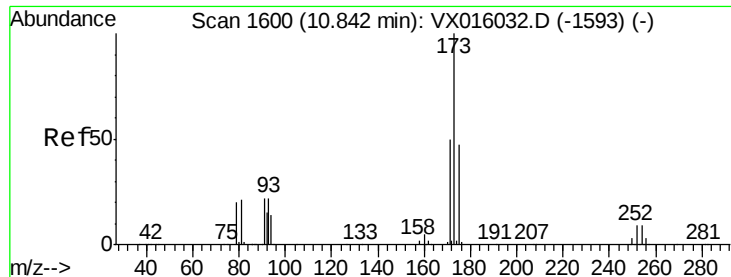
#70
Styrene
Concen: 17.859 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Tgt Ion:104 Resp: 195420
Ion Ratio Lower Upper
104 100
78 49.0 40.2 60.2
103 53.0 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.425 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

ClientSampled :

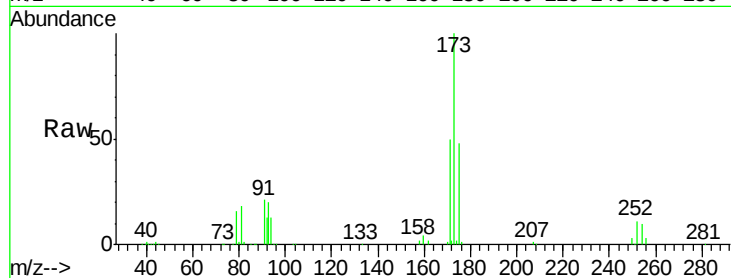
Tot Ion:173 Resp: 55691

Ion Ratio Lower Upper

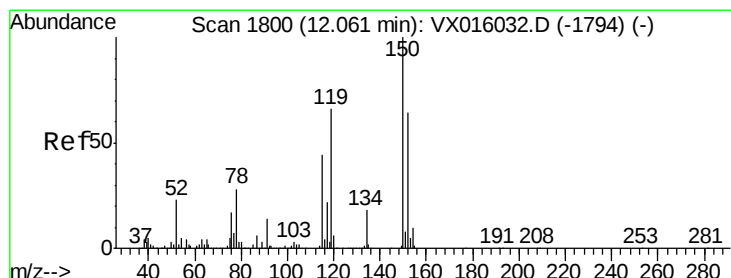
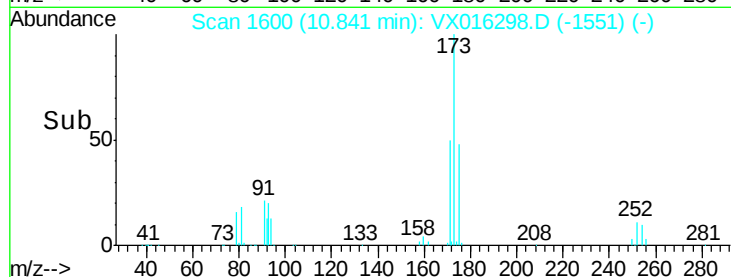
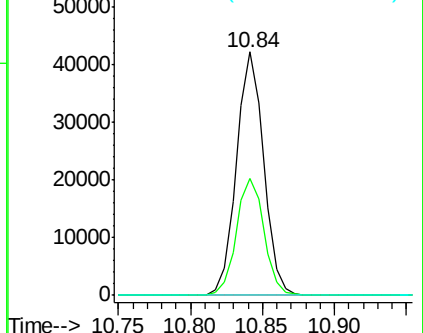
173 100

175 48.8 24.0 72.0

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

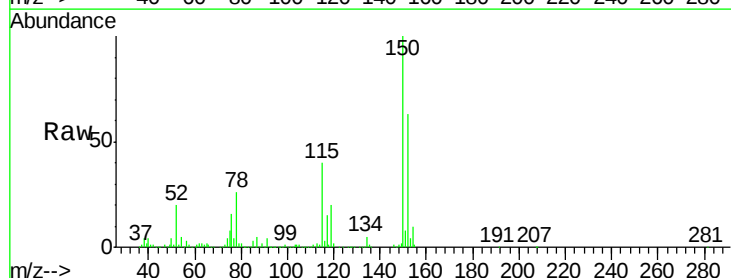
Tgt Ion:152 Resp: 233984

Ion Ratio Lower Upper

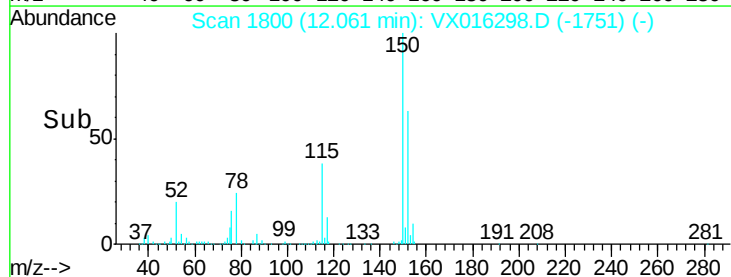
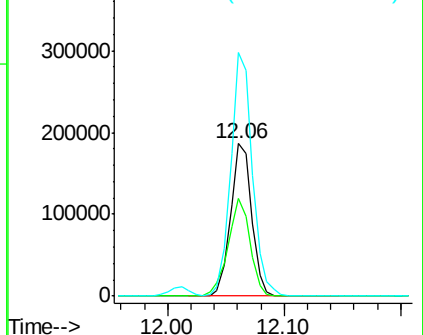
152 100

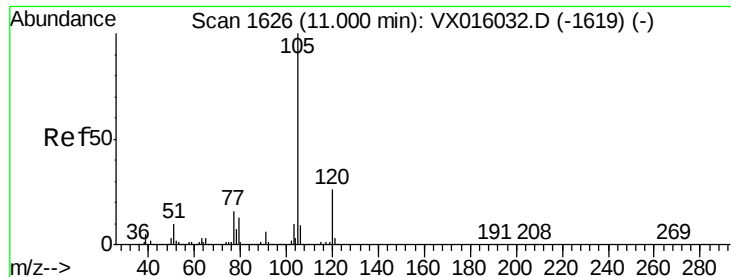
115 66.7 41.3 124.1

150 164.3 0.0 352.2



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





#73

Isopropylbenzene

Concen: 17.642 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

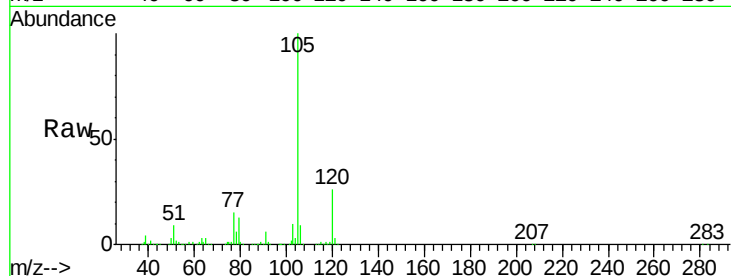
ClientSampleId :

Tot Ion:105 Resp: 300245

Ion Ratio Lower Upper

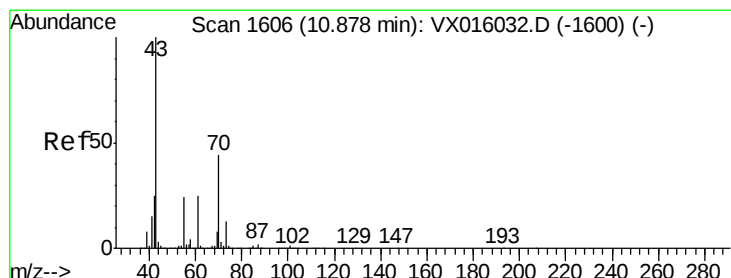
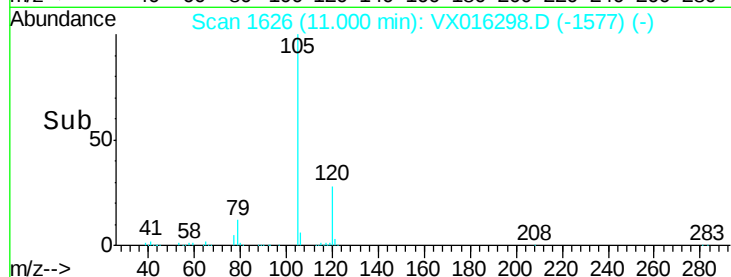
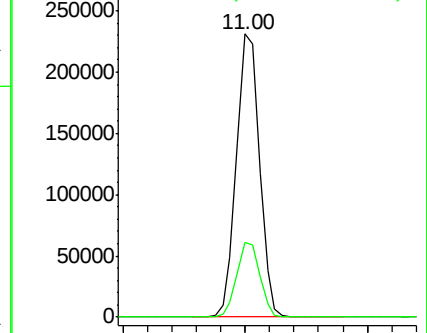
105 100

120 26.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.895 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Tgt Ion: 43 Resp: 134118

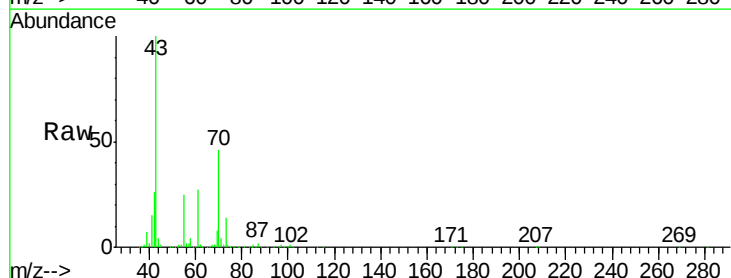
Ion Ratio Lower Upper

43 100

70 47.1 36.5 54.7

55 25.3 19.7 29.5

61 26.5 20.9 31.3

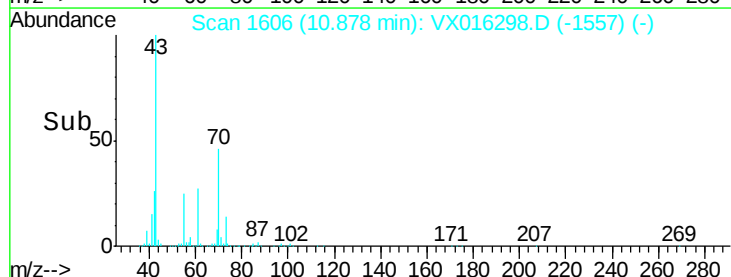
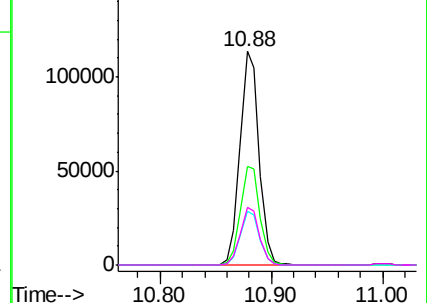


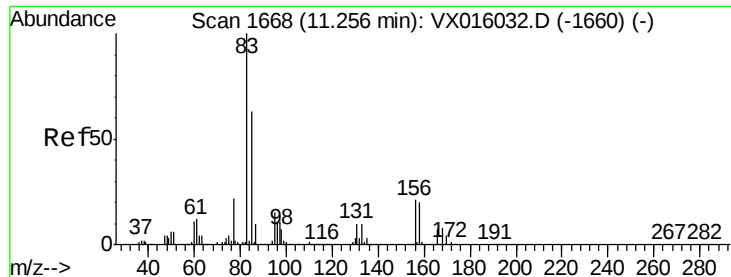
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.392 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

ClientSampleId :

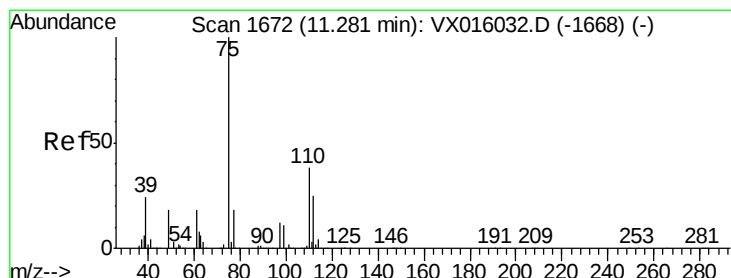
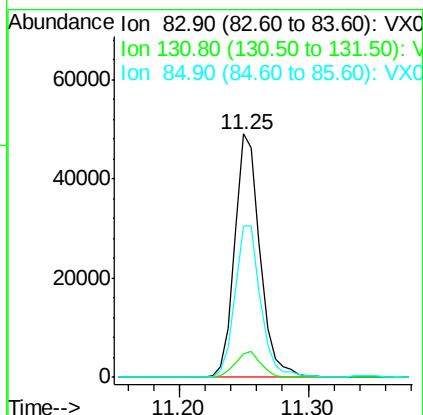
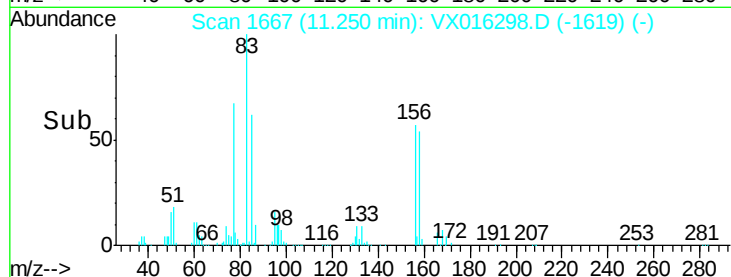
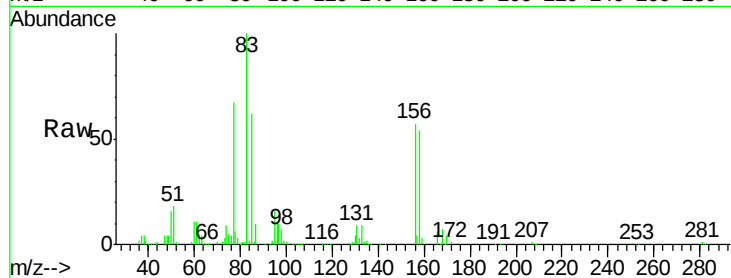
Tot Ion: 83 Resp: 67178

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.4

85 63.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 23.587 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016298.D

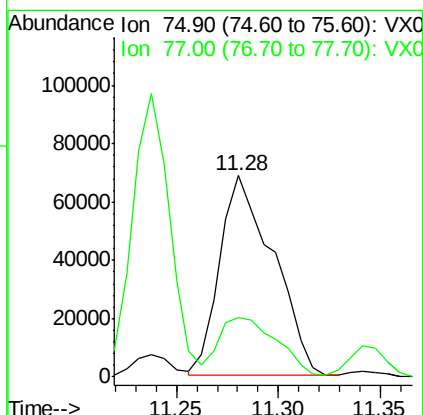
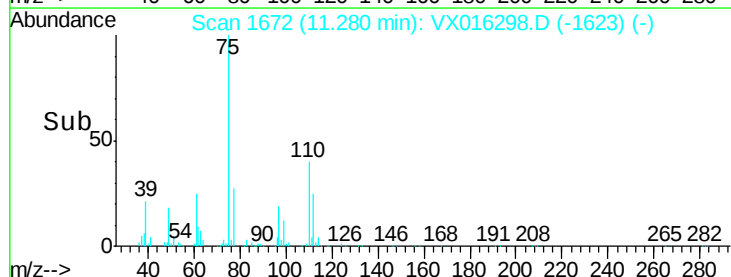
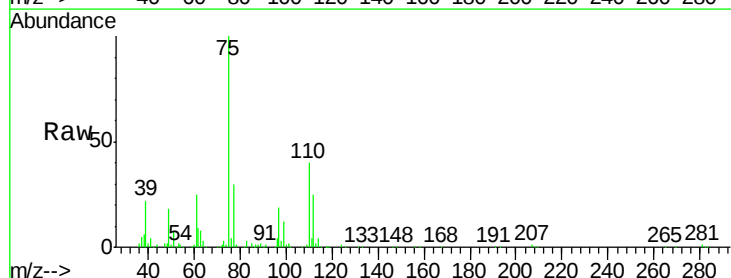
Acq: 18 May 2020 14:56

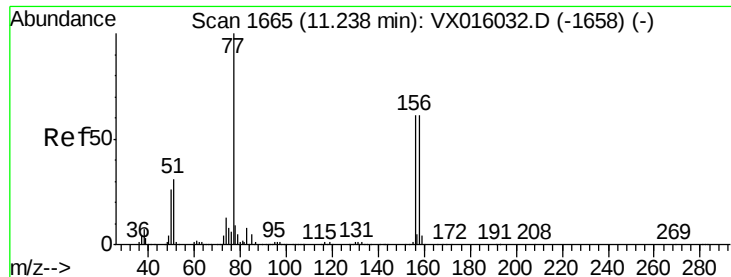
Tgt Ion: 75 Resp: 125236

Ion Ratio Lower Upper

75 100

77 32.4 21.2 63.6





#77

Bromobenzene

Concen: 18.113 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

ClientSampleId :

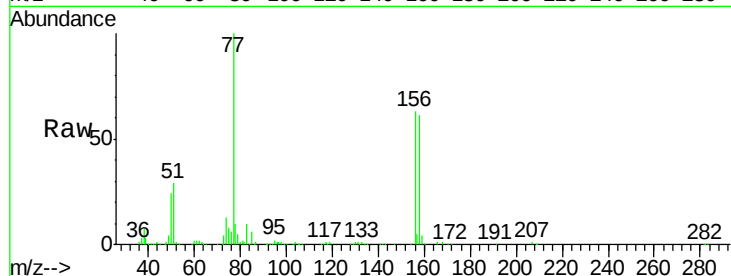
Tot Ion:156 Resp: 79568

Ion Ratio Lower Upper

156 100

77 156.0 80.1 240.3

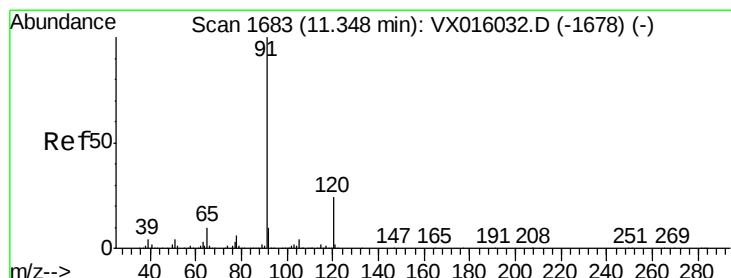
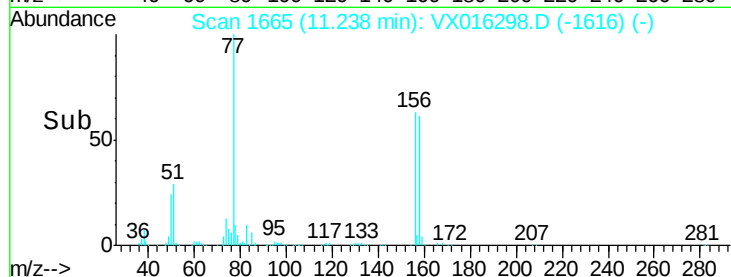
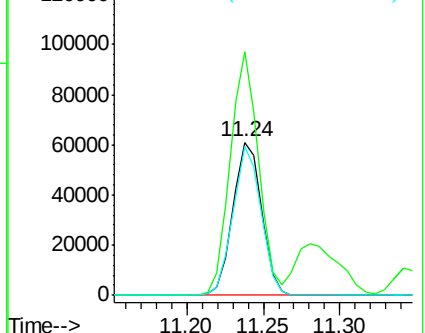
158 94.8 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 16.720 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016298.D

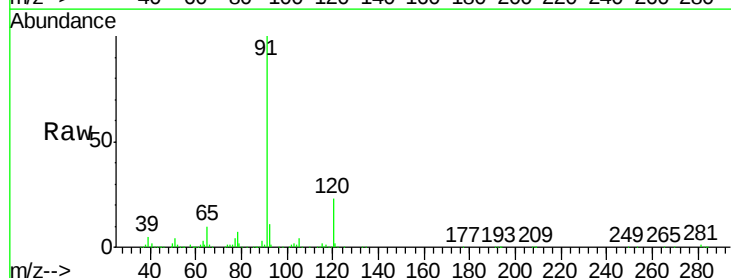
Acq: 18 May 2020 14:56

Tgt Ion: 91 Resp: 331028

Ion Ratio Lower Upper

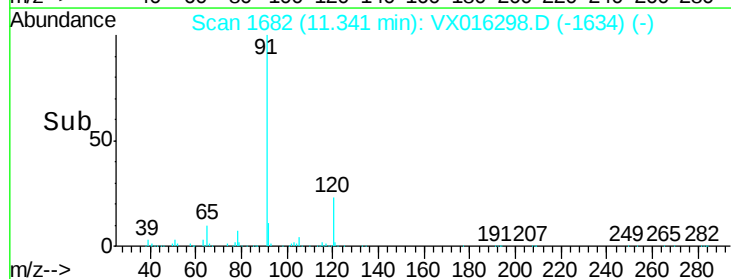
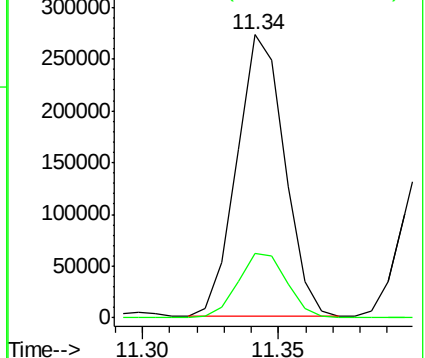
91 100

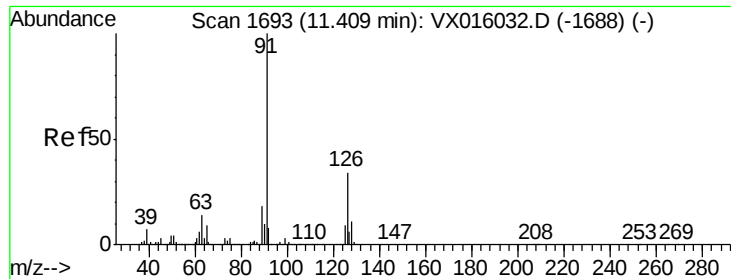
120 23.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.567 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

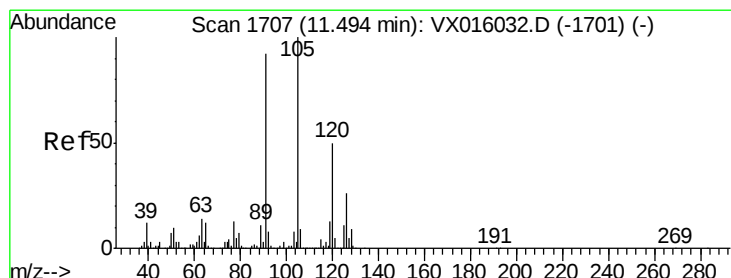
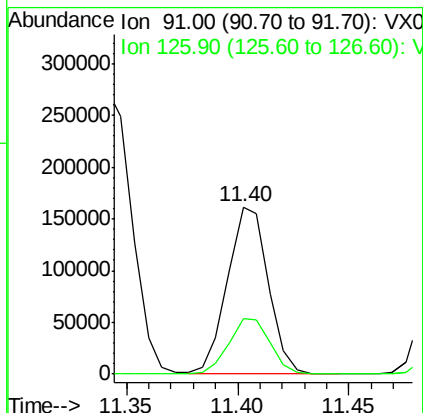
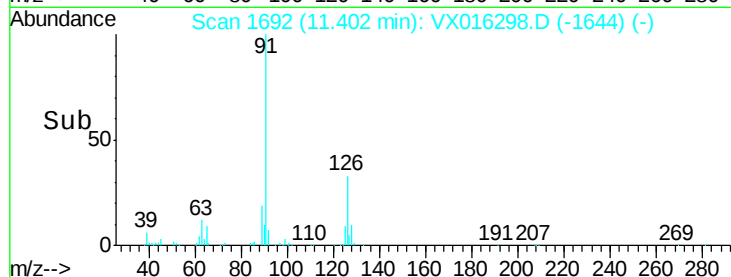
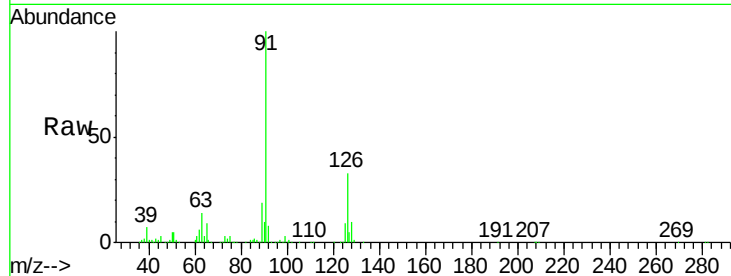
ClientSampleId :

Tot Ion: 91 Resp: 205294

Ion Ratio Lower Upper

91 100

126 34.0 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 17.113 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016298.D

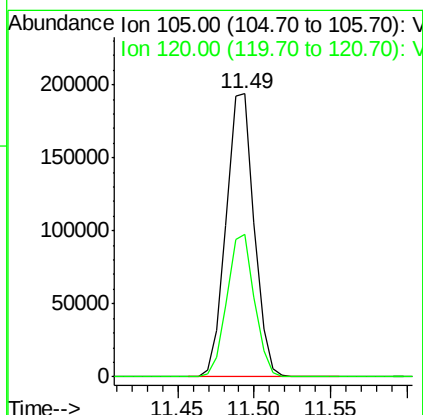
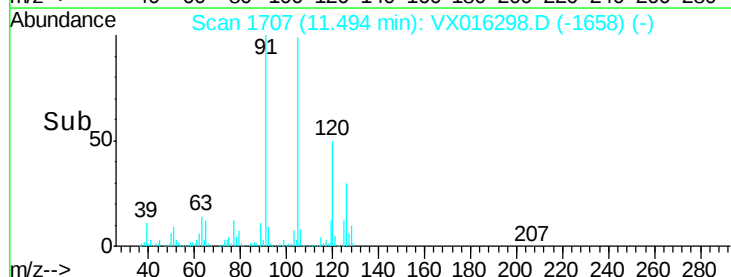
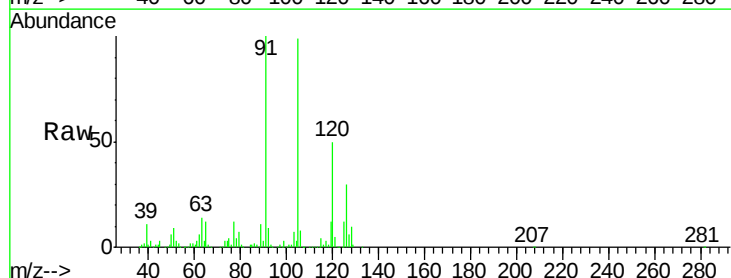
Acq: 18 May 2020 14:56

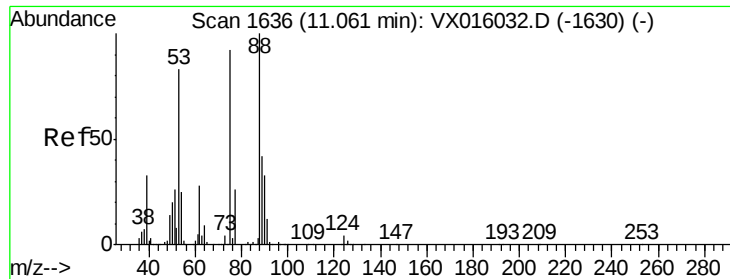
Tgt Ion: 105 Resp: 245895

Ion Ratio Lower Upper

105 100

120 49.3 24.6 74.0

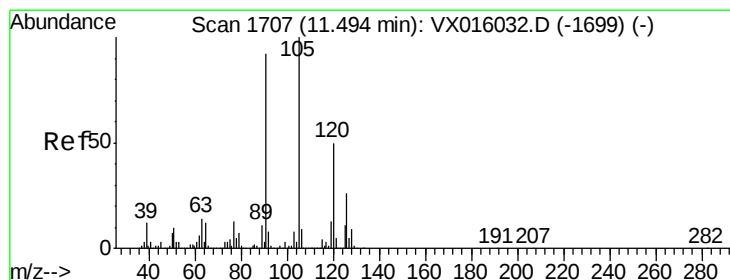
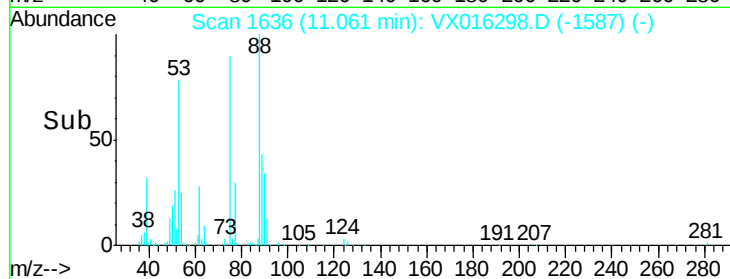
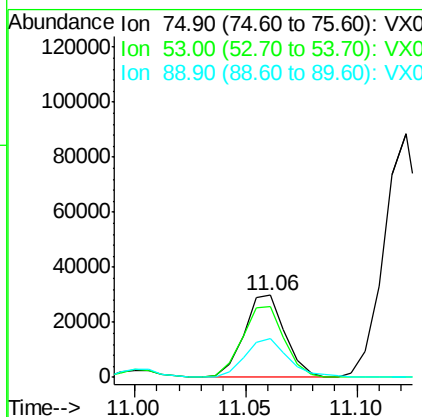
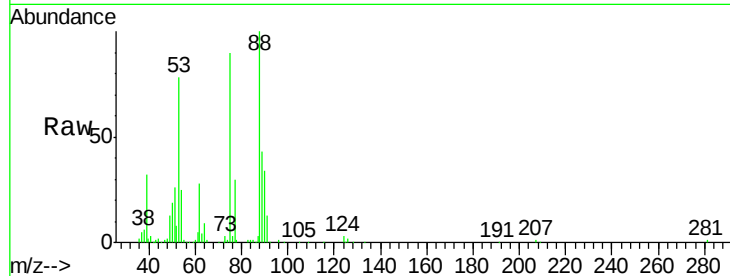




#81
trans-1,4-Dichloro-2-butene
Concen: 17.401 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

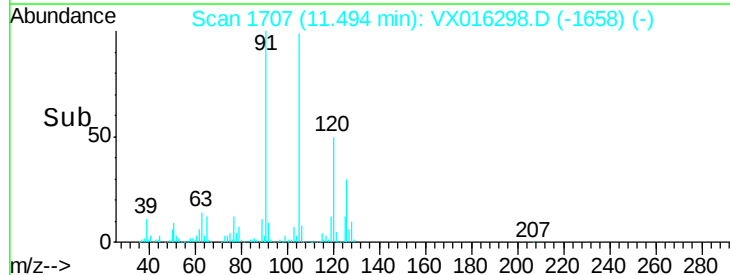
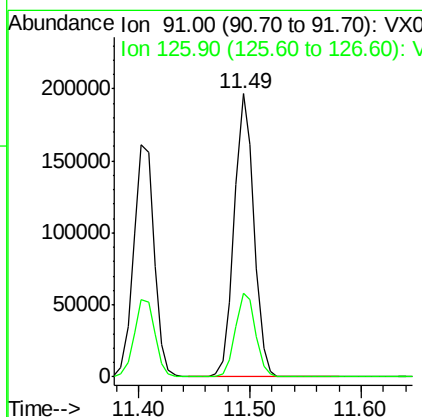
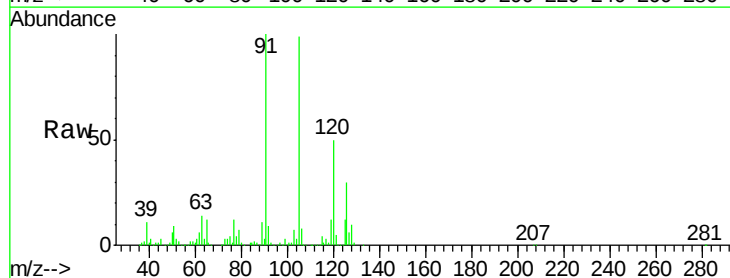
Instrument :
MSVOA_X
ClientSampleId :

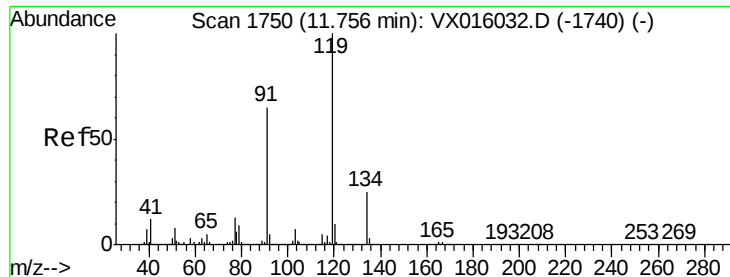
Tot Ion: 75 Resp: 38770
Ion Ratio Lower Upper
75 100
53 88.0 73.1 109.7
89 49.5 36.7 55.1



#82
4-Chlorotoluene
Concen: 17.437 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016298.D
Acq: 18 May 2020 14:56

Tgt Ion: 91 Resp: 240635
Ion Ratio Lower Upper
91 100
126 30.4 14.8 44.3





#83

tert-Butylbenzene

Concen: 16.445 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

ClientSampled :

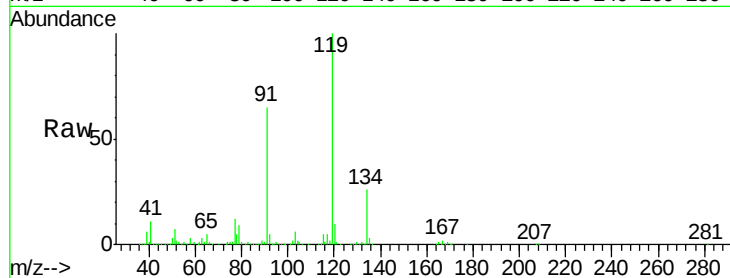
Tot Ion:119 Resp: 203640

Ion Ratio Lower Upper

119 100

91 63.1 32.8 98.4

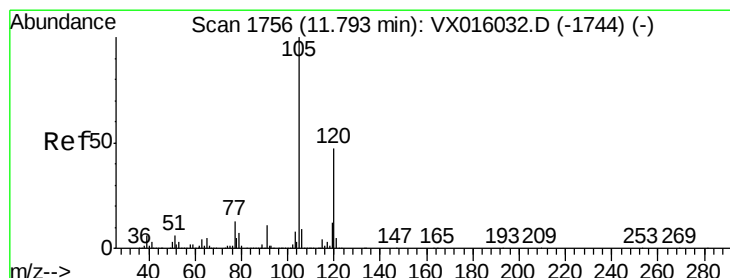
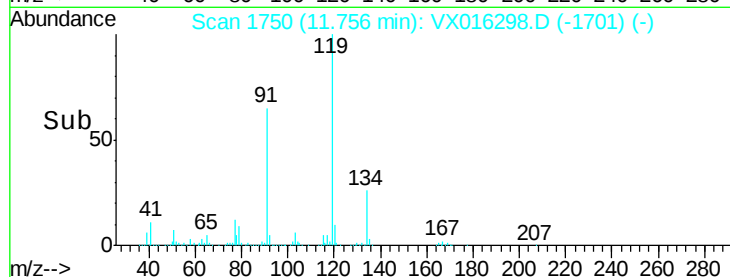
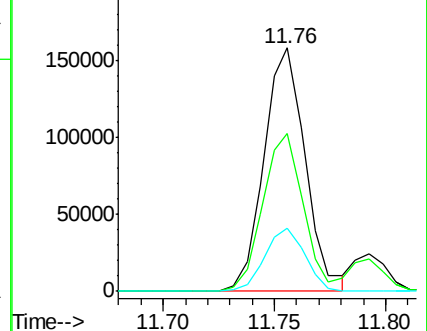
134 25.0 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.117 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016298.D

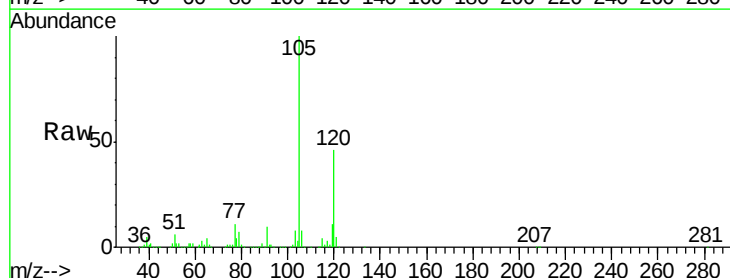
Acq: 18 May 2020 14:56

Tgt Ion:105 Resp: 248660

Ion Ratio Lower Upper

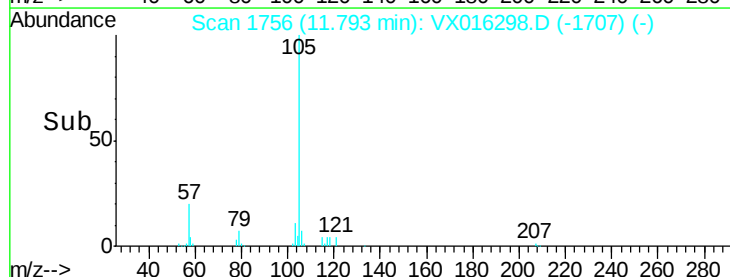
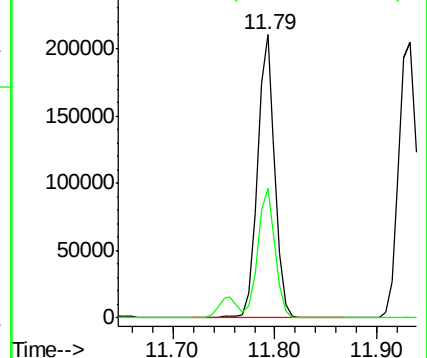
105 100

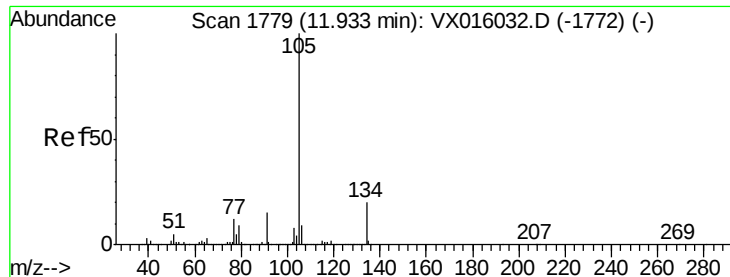
120 46.1 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 15.284 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

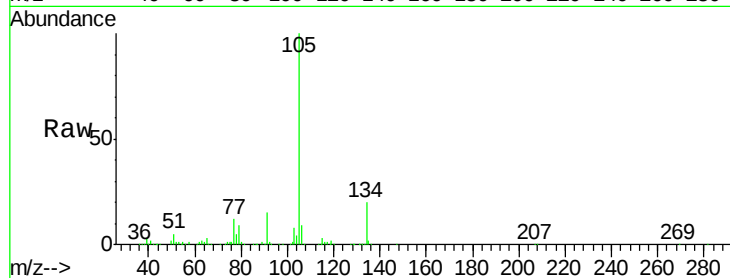
ClientSampleId :

Tot Ion:105 Resp: 255546

Ion Ratio Lower Upper

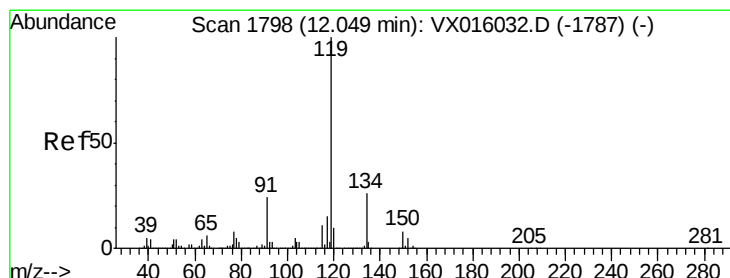
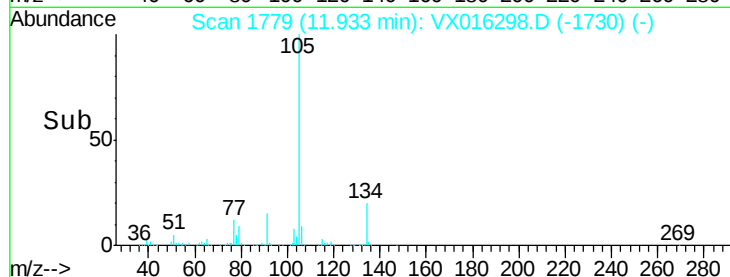
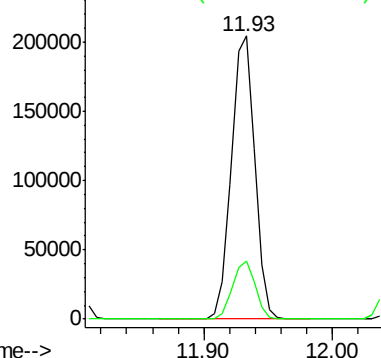
105 100

134 20.0 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 15.588 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

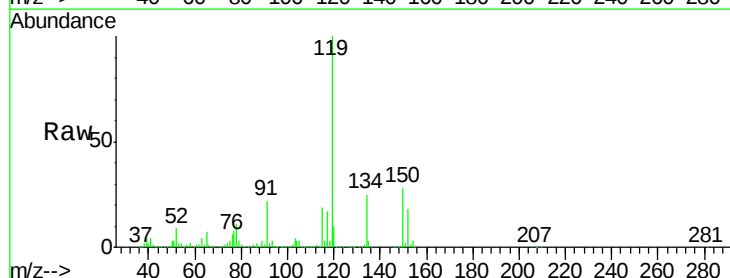
Tgt Ion:119 Resp: 241981

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

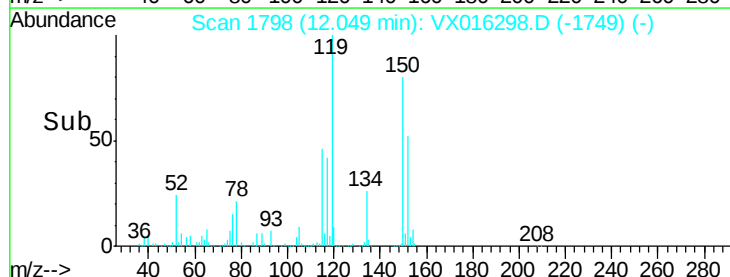
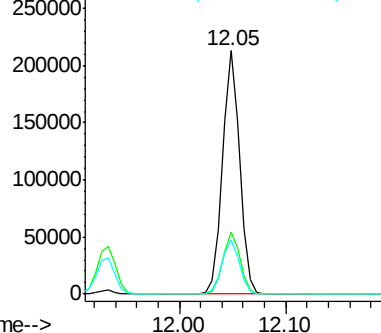
91 22.9 11.8 35.4

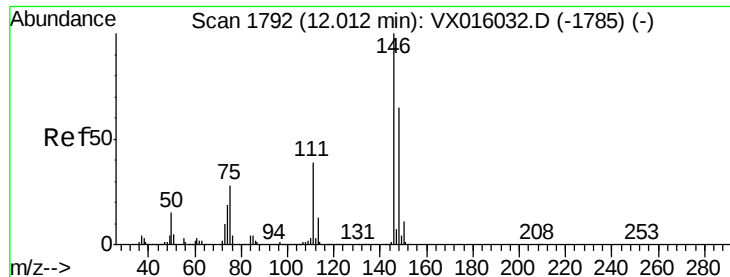


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

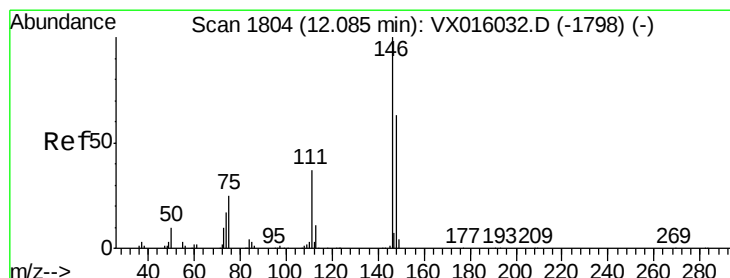
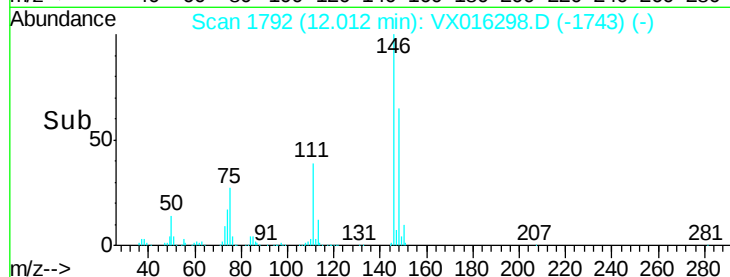
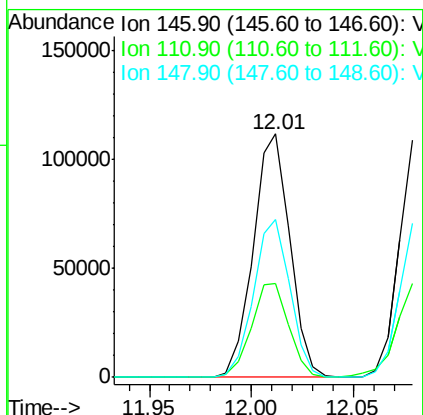
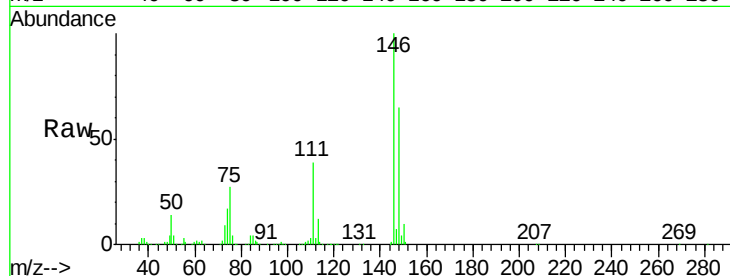




#87
 1,3-Dichlorobenzene
 Concen: 17.779 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016298.D
 Acq: 18 May 2020 14:56

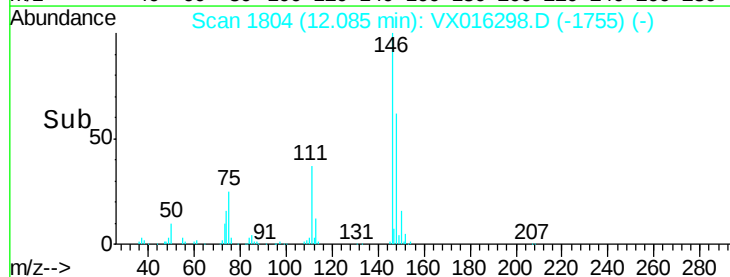
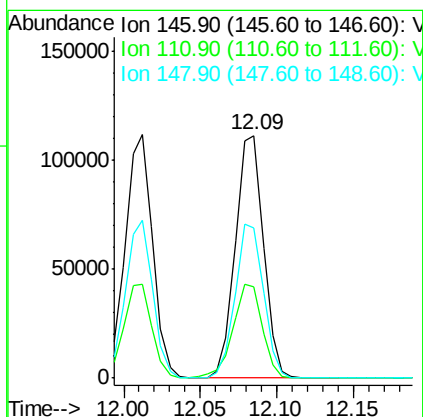
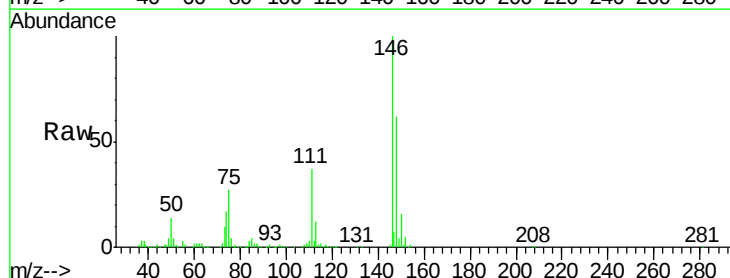
Instrument :
 MSVOA_X
 ClientSampleId :

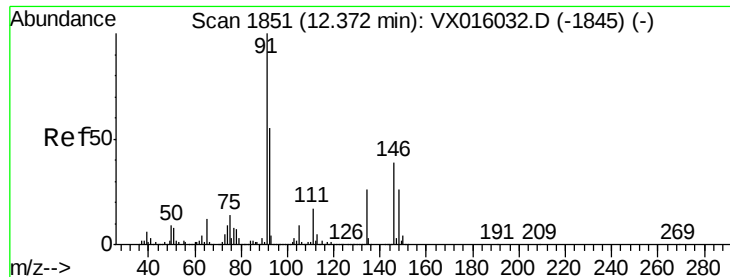
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.2	60.6
148	64.1	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 17.807 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016298.D
 Acq: 18 May 2020 14:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.6	58.7
148	64.1	31.8	95.3





#89

n-Butylbenzene

Concen: 13.948 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

ClientSampleId :

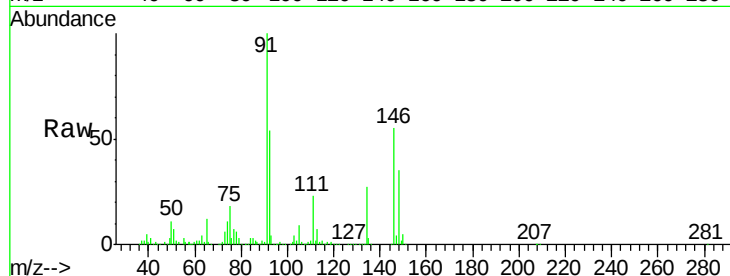
Tot Ion: 91 Resp: 197799

Ion Ratio Lower Upper

91 100

92 54.2 27.6 82.7

134 27.1 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1845) (-)

Ion 92.00 (91.70 to 92.70): VX016032.D (-1845) (-)

Ion 134.00 (133.70 to 134.70): VX016032.D (-1845) (-)

12.37

150000

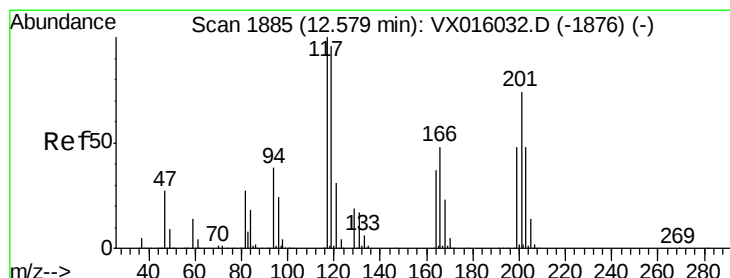
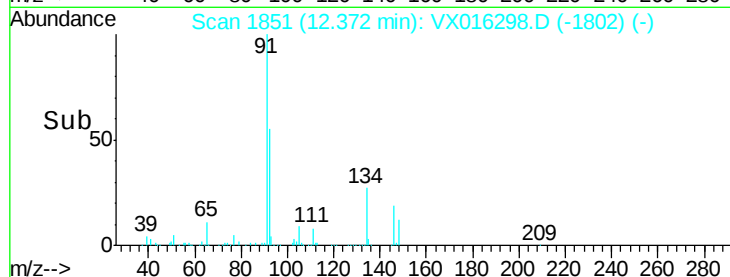
100000

50000

0

12.30 12.40 12.50

Time-->



#90

Hexachloroethane

Concen: 14.994 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016298.D

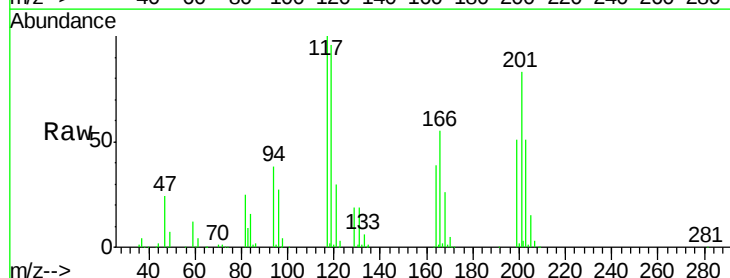
Acq: 18 May 2020 14:56

Tgt Ion: 117 Resp: 39975

Ion Ratio Lower Upper

117 100

201 85.4 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): VX016032.D (-1876) (-)

Ion 200.70 (200.40 to 201.40): VX016032.D (-1876) (-)

12.58

30000

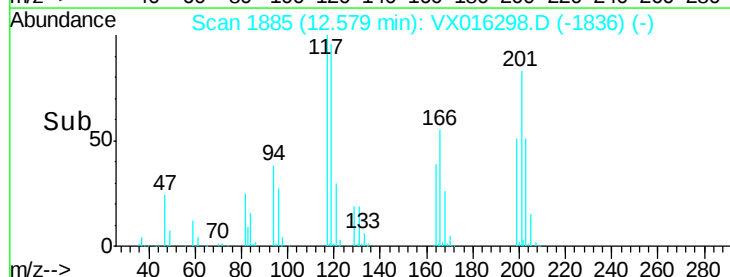
20000

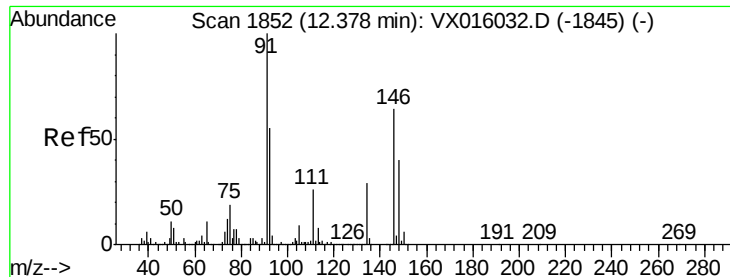
10000

0

12.55 12.60

Time-->





#91

1,2-Dichlorobenzene

Concen: 18.009 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

ClientSampleId :

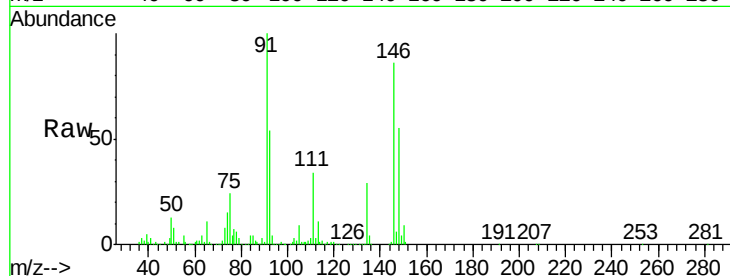
Tot Ion:146 Resp: 136774

Ion Ratio Lower Upper

146 100

111 40.9 21.1 63.1

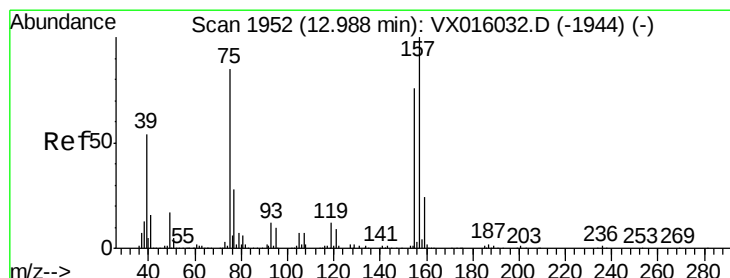
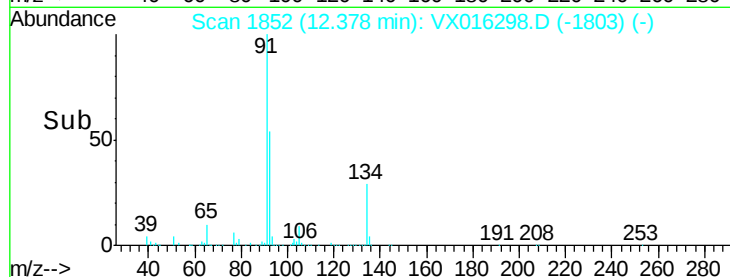
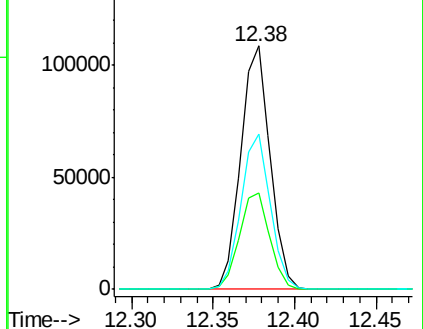
148 63.6 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.058 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

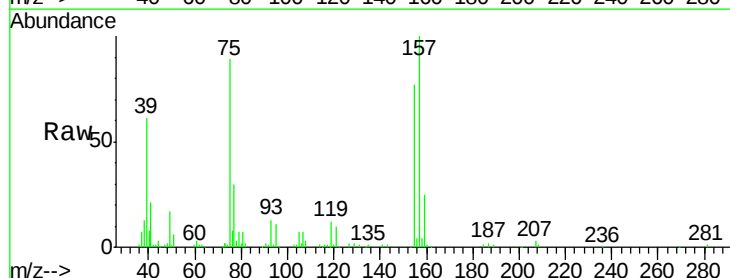
Tgt Ion: 75 Resp: 22472

Ion Ratio Lower Upper

75 100

155 89.0 42.5 127.5

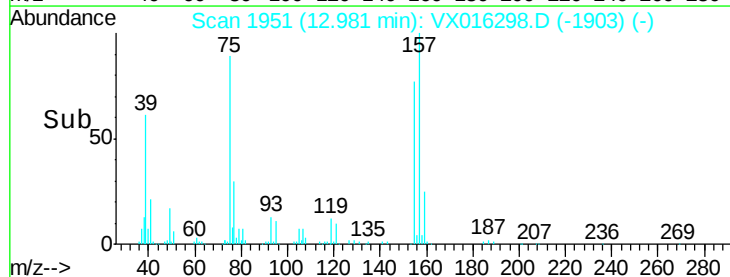
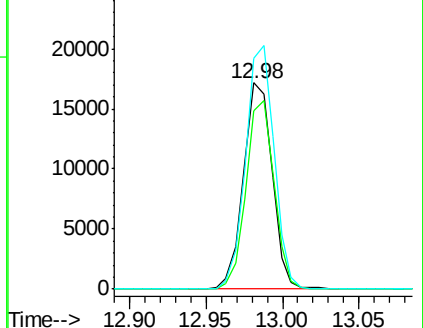
157 116.8 55.3 165.8

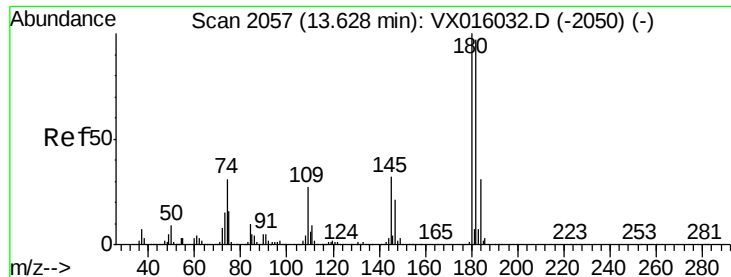


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

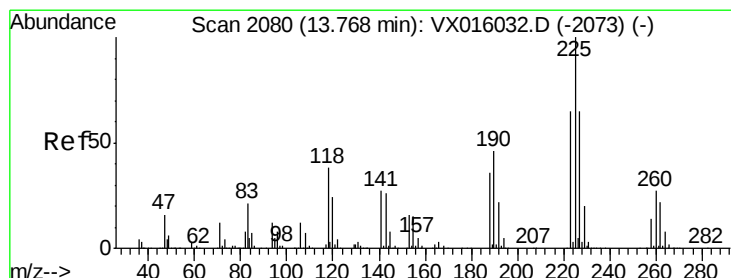
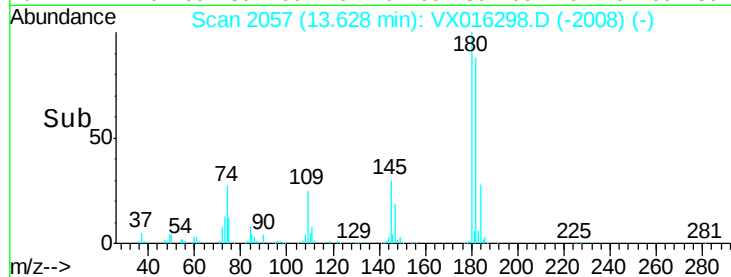
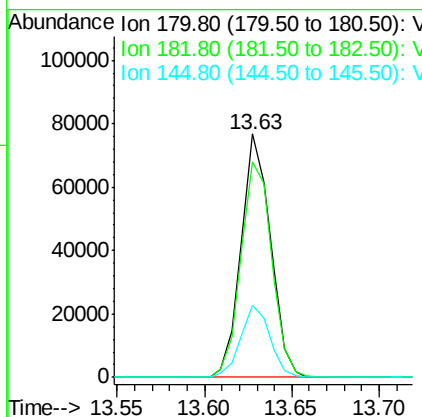
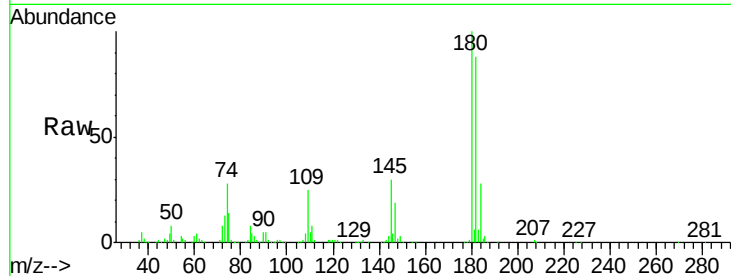




#93
 1,2,4-Trichlorobenzene
 Concen: 15.973 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016298.D
 Acq: 18 May 2020 14:56

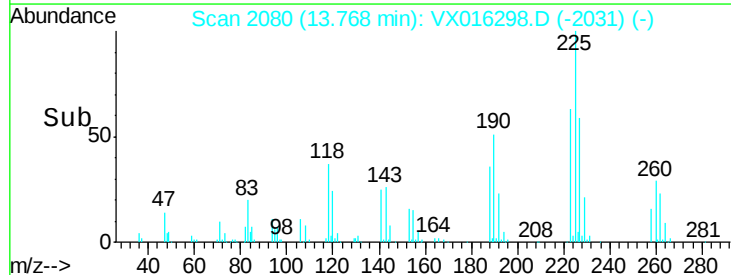
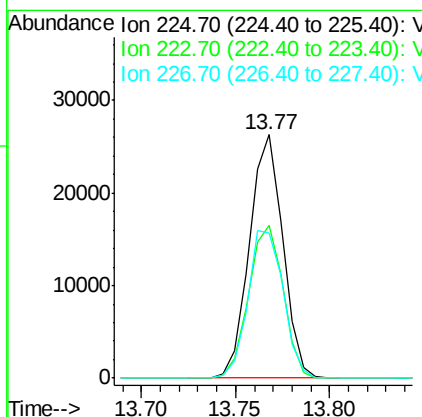
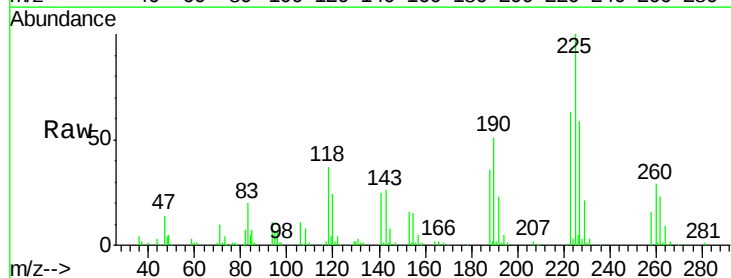
Instrument :
 MSVOA_X
 ClientSampleId :

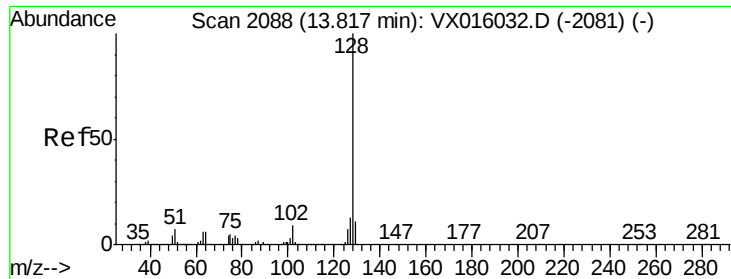
Tot Ion:180 Resp: 89812
 Ion Ratio Lower Upper
 180 100
 182 93.0 48.7 146.1
 145 29.8 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 13.722 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016298.D
 Acq: 18 May 2020 14:56

Tgt Ion:225 Resp: 32295
 Ion Ratio Lower Upper
 225 100
 223 64.9 32.3 96.9
 227 64.3 31.8 95.4





#95

Naphthalene

Concen: 17.057 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

Instrument :

MSVOA_X

ClientSampleId :

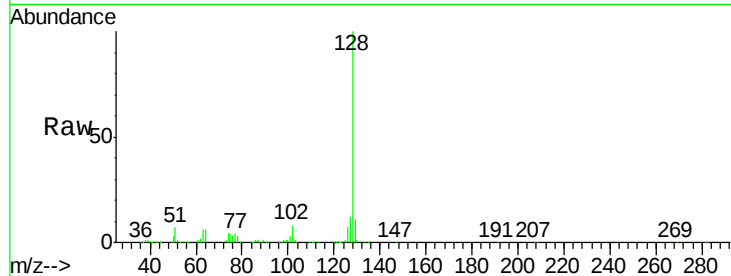
Tot Ion:128 Resp: 310551

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

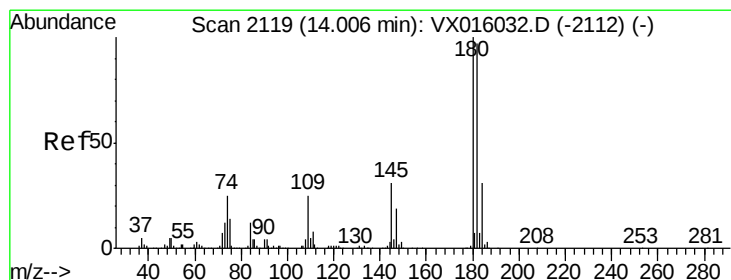
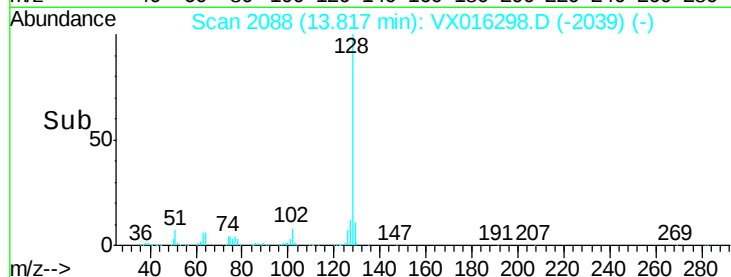
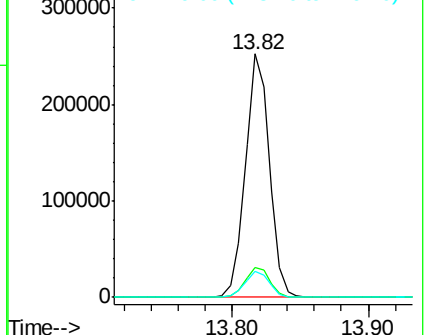
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 15.808 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016298.D

Acq: 18 May 2020 14:56

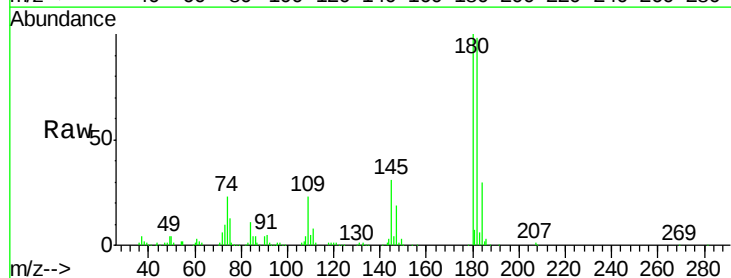
Tgt Ion:180 Resp: 86872

Ion Ratio Lower Upper

180 100

182 96.3 48.4 145.0

145 31.7 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

