

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061480.D
 Acq On : 19 May 2020 13:47
 Operator : JC/MD
 Sample : VN0519MBS01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519MBS01

Quant Time: May 20 02:51:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	300724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	542399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	509426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	236488	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	220142	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
35) Dibromofluoromethane	7.55	113	155147	54.60	ug/l	0.00
Spiked Amount			Recovery	=	109.20%	
50) Toluene-d8	10.06	98	684614	51.95	ug/l	0.00
Spiked Amount			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.37	95	253069	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	50694	20.273	ug/l	96
3) Chloromethane	2.03	50	75255	18.452	ug/l	99
4) Vinyl Chloride	2.16	62	106265	18.206	ug/l	100
5) Bromomethane	2.54	94	61934	18.466	ug/l	99
6) Chloroethane	2.67	64	70547	17.957	ug/l	99
7) Trichlorofluoromethane	2.98	101	157899	22.282	ug/l	98
8) Diethyl Ether	3.37	74	38225	18.519	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	59208	20.092	ug/l	98
10) Methyl Iodide	3.91	142	71447	19.962	ug/l	99
11) Tert butyl alcohol	4.73	59	56461	109.179	ug/l #	83
12) 1,1-Dichloroethene	3.69	96	59233	19.216	ug/l	94
13) Acrolein	3.57	56	27155	58.863	ug/l	93
14) Allyl chloride	4.27	41	91635	18.267	ug/l	94
15) Acrylonitrile	4.93	53	141208	92.165	ug/l	99
16) Acetone	3.77	43	120125	97.647	ug/l	99
17) Carbon Disulfide	4.01	76	145178	20.032	ug/l	98
18) Methyl Acetate	4.28	43	55833	17.443	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	217008	18.551	ug/l	99
20) Methylene Chloride	4.50	84	68014	18.439	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	68446	19.256	ug/l	99
22) Diisopropyl ether	5.90	45	204495	18.140	ug/l	95
23) Vinyl Acetate	5.84	43	816457	91.079	ug/l	97
24) 1,1-Dichloroethane	5.80	63	122754	18.669	ug/l	99
25) 2-Butanone	6.78	43	186551	91.290	ug/l	99
26) 2,2-Dichloropropane	6.78	77	118781	18.950	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	81550	19.423	ug/l	97
28) Bromochloromethane	7.15	49	60288	21.601	ug/l	94
29) Tetrahydrofuran	7.17	42	120839	89.289	ug/l	98
30) Chloroform	7.33	83	133825	19.487	ug/l	99
31) Cyclohexane	7.61	56	114227	17.822	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	119785	19.088	ug/l	99
36) 1,1-Dichloropropene	7.75	75	97620	19.248	ug/l	99
37) Ethyl Acetate	6.88	43	81425	17.703	ug/l	99
38) Carbon Tetrachloride	7.73	117	92087	19.719	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	118173	19.077	ug/l	98
40) Benzene	8.00	78	293244	19.186	ug/l	100
41) Methacrylonitrile	7.12	41	36600	18.840	ug/l	99
42) 1,2-Dichloroethane	8.09	62	103922	18.872	ug/l	99
43) Isopropyl Acetate	8.12	43	143457	17.883	ug/l #	90
44) Trichloroethene	8.80	130	81034	20.234	ug/l	99
45) 1,2-Dichloropropane	9.09	63	72383	18.921	ug/l	99
46) Dibromomethane	9.18	93	51320	19.136	ug/l	97
47) Bromodichloromethane	9.37	83	106861	18.912	ug/l	99
48) Methyl methacrylate	9.17	41	63693	17.187	ug/l	98
49) 1,4-Dioxane	9.17	88	20135	497.632	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	402973	92.213	ug/l	99
52) Toluene	10.12	92	192966	19.665	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	118255	19.094	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	124638	18.932	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	73345	19.771	ug/l	99
56) Ethyl methacrylate	10.40	69	110453	19.044	ug/l	98
57) 1,3-Dichloropropane	10.68	76	125904	19.638	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	237197	93.173	ug/l	98
59) 2-Hexanone	10.72	43	289526	91.574	ug/l	98
60) Dibromochloromethane	10.87	129	79921	19.476	ug/l	100
61) 1,2-Dibromoethane	10.98	107	76057	19.499	ug/l	100
64) Tetrachloroethene	10.60	164	78375	19.886	ug/l	99
65) Chlorobenzene	11.41	112	202499	19.493	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	73680	19.784	ug/l	98
67) Ethyl Benzene	11.48	91	377515	19.908	ug/l	99
68) m/p-Xylenes	11.59	106	287143	39.893	ug/l	100
69) o-Xylene	11.92	106	137541	19.746	ug/l	100
70) Styrene	11.94	104	228514	19.811	ug/l	99
71) Bromoform	12.10	173	50013	18.592	ug/l #	98
73) Isopropylbenzene	12.22	105	364323	19.190	ug/l	98
74) N-amyl acetate	12.04	43	121913	17.544	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	96714	18.516	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	129351	25.491	ug/l #	100
77) Bromobenzene	12.50	156	81696	19.828	ug/l	97
78) n-propylbenzene	12.56	91	418973	19.369	ug/l	97
79) 2-Chlorotoluene	12.65	91	245108	19.170	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	305133	19.629	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	32655	17.071	ug/l	97
82) 4-Chlorotoluene	12.75	91	255596	19.306	ug/l	99
83) tert-Butylbenzene	12.97	119	260279	19.547	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	312018	20.056	ug/l	100
85) sec-Butylbenzene	13.15	105	346803	19.261	ug/l	100
86) p-Isopropyltoluene	13.26	119	314060	19.643	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	150626	19.976	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	150217	19.892	ug/l	99
89) n-Butylbenzene	13.59	91	274826	18.921	ug/l	99
90) Hexachloroethane	13.85	117	39430	18.197	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	144286	19.948	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	19343	18.333	ug/l	97

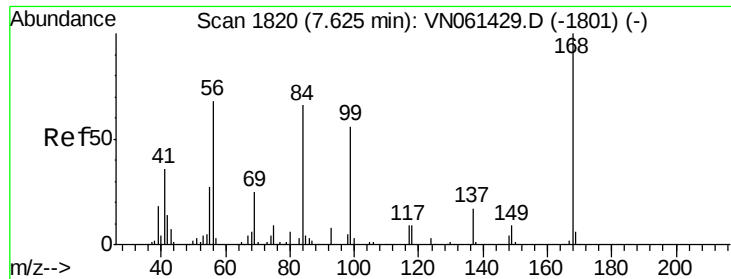
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	81012	20.656	ug/l	98
94) Hexachlorobutadiene	14.98	225	32896	18.877	ug/l	96
95) Naphthalene	15.10	128	256394	20.563	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	78903	20.209	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

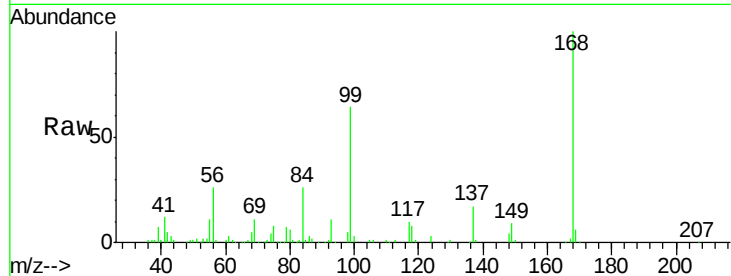
VN0519MBS01

Tot Ion:168 Resp: 300724

Ion Ratio Lower Upper

168 100

99 63.7 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

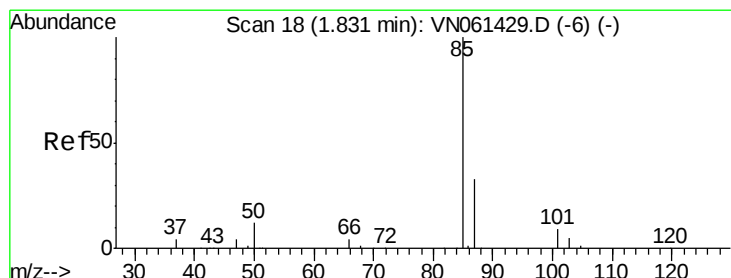
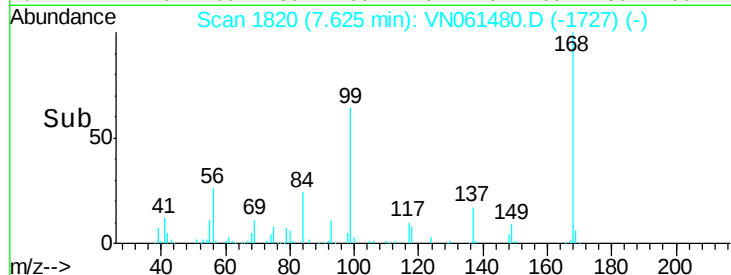
7.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.273 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061480.D

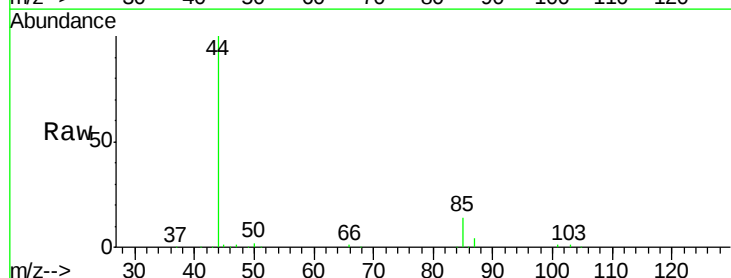
Acq: 19 May 2020 13:47

Tgt Ion: 85 Resp: 50694

Ion Ratio Lower Upper

85 100

87 30.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

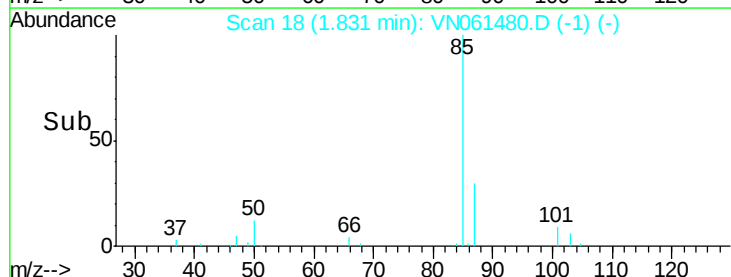
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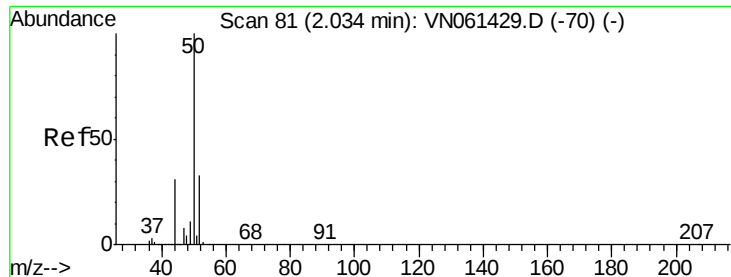
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.452 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

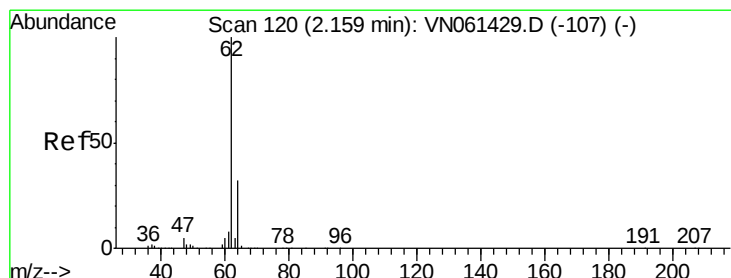
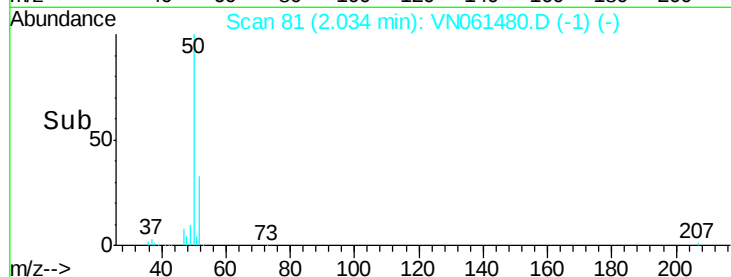
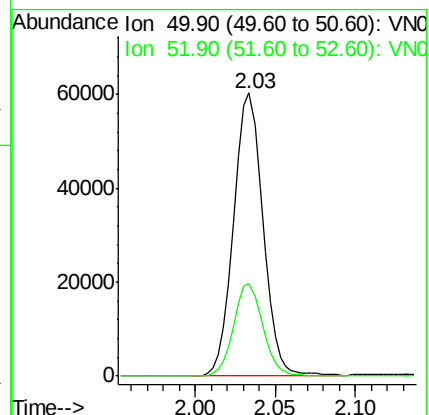
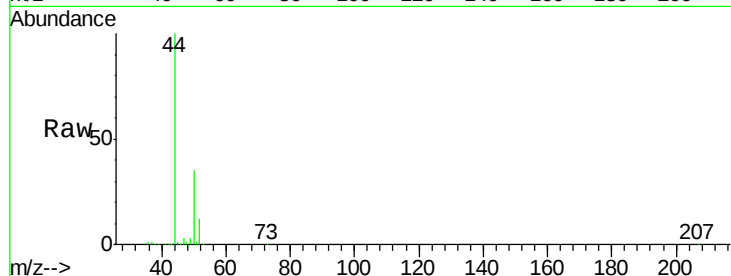
VN0519MBS01

Tot Ion: 50 Resp: 75255

Ion Ratio Lower Upper

50 100

52 32.8 26.7 40.1



#4

Vinyl Chloride

Concen: 18.206 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061480.D

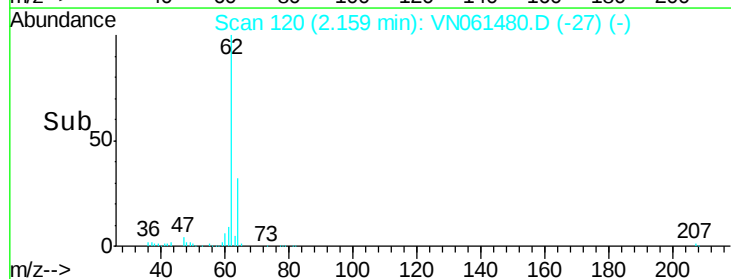
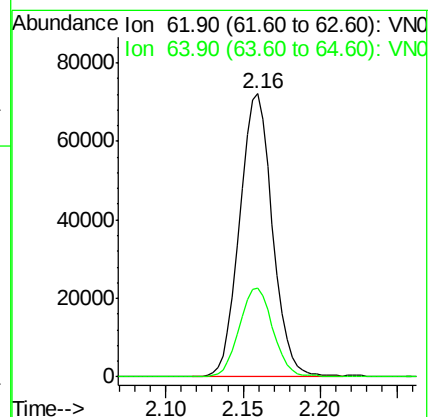
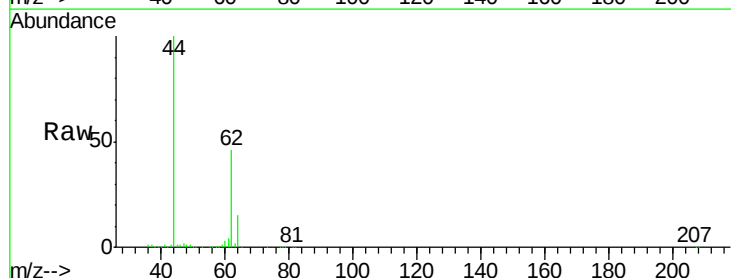
Acq: 19 May 2020 13:47

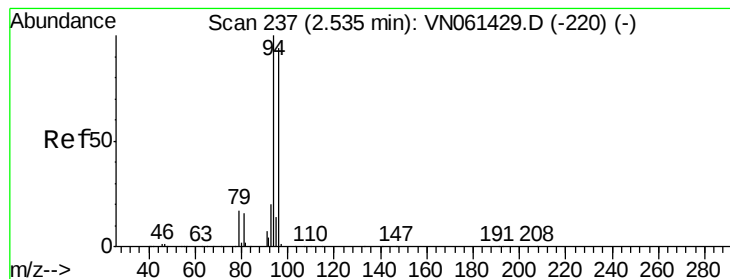
Tgt Ion: 62 Resp: 106265

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 18.466 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

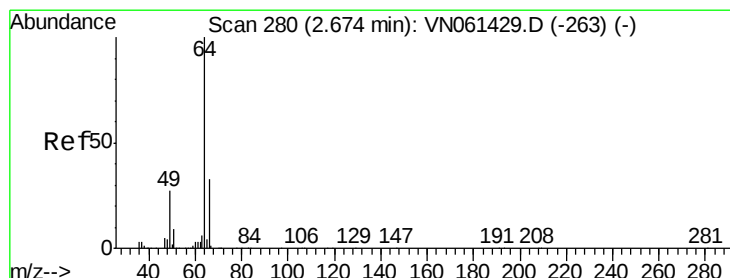
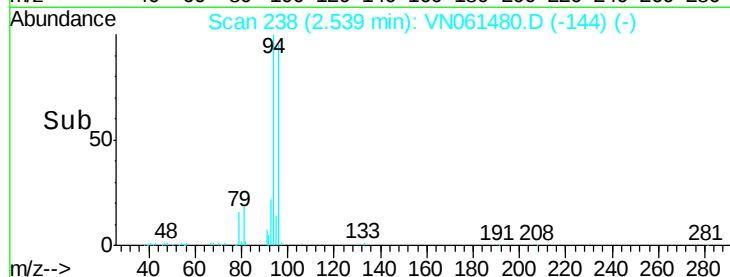
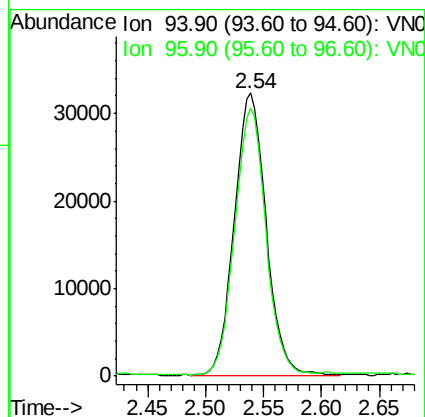
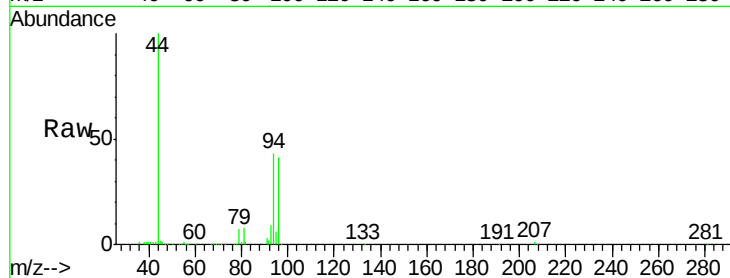
VN0519MBS01

Tot Ion: 94 Resp: 61934

Ion Ratio Lower Upper

94 100

96 94.6 74.9 112.3



#6

Chloroethane

Concen: 17.957 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061480.D

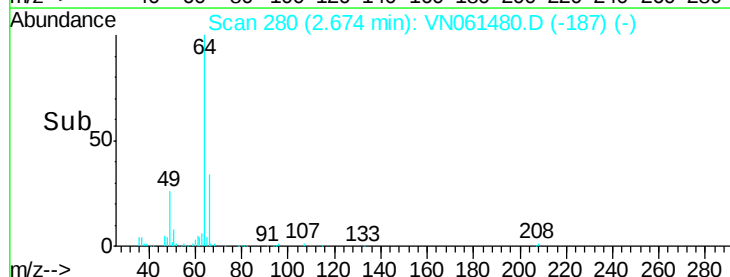
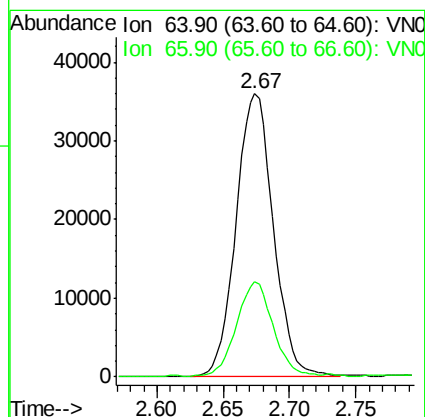
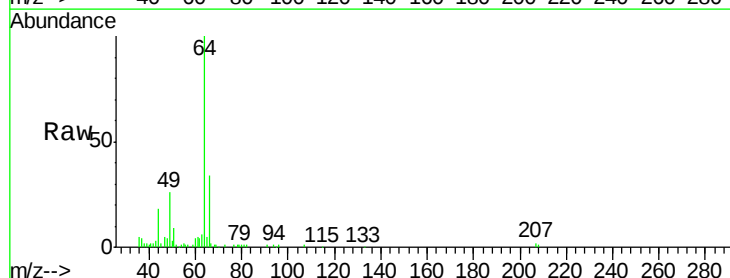
Acq: 19 May 2020 13:47

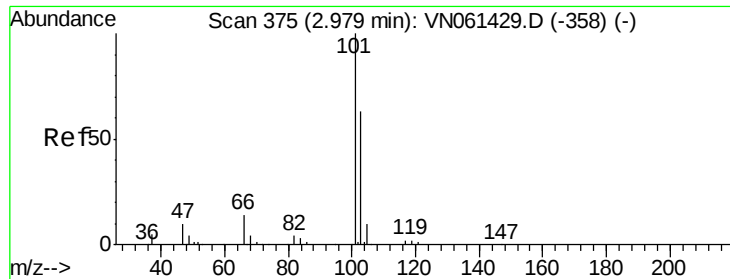
Tgt Ion: 64 Resp: 70547

Ion Ratio Lower Upper

64 100

66 33.6 26.3 39.5



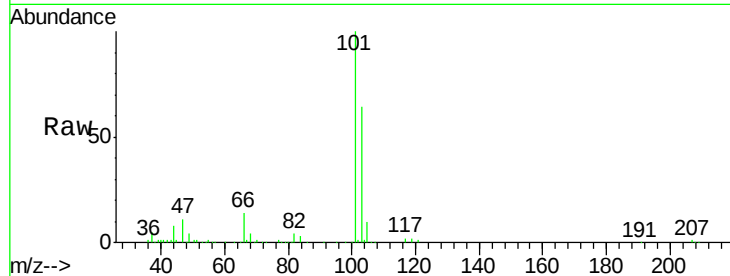


#7

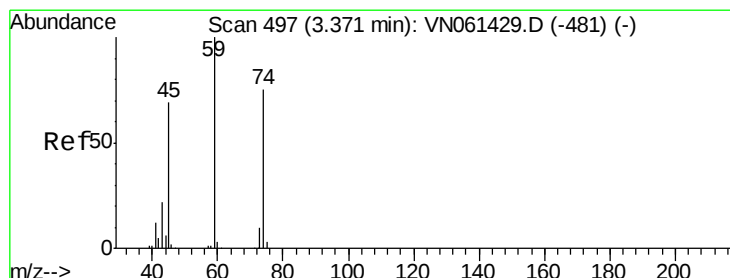
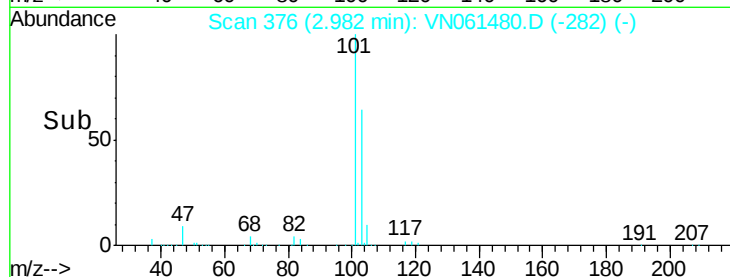
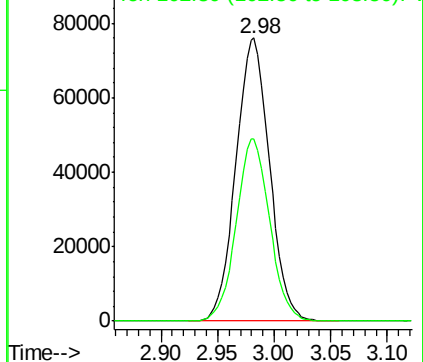
Trichlorofluoromethane
Concen: 22.282 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

Instrument :
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ClientSampleId :
VN0519MBS01

Tot Ion:101 Resp: 157899
Ion Ratio Lower Upper
101 100
103 64.3 50.2 75.4



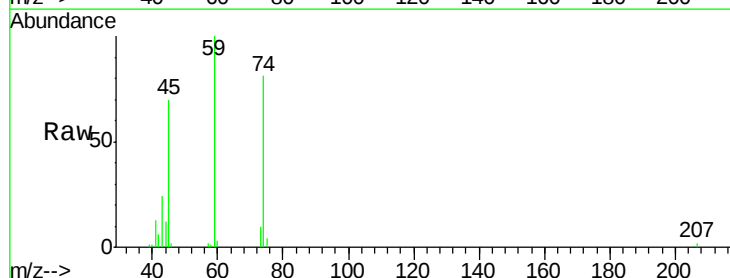
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



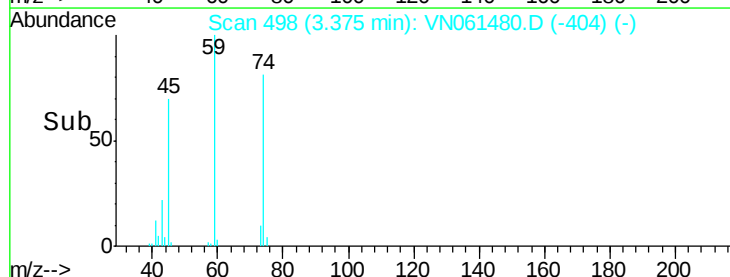
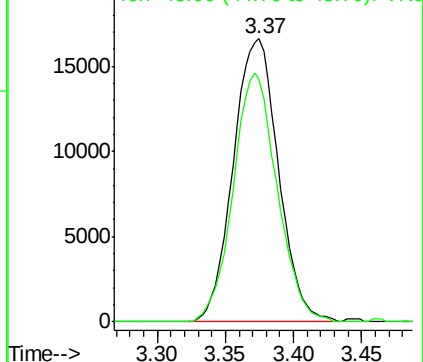
#8

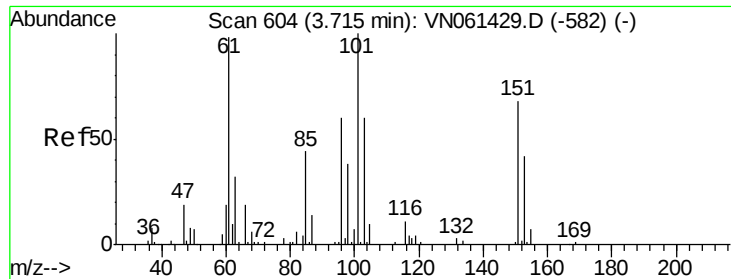
Diethyl Ether
Concen: 18.519 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

Tgt Ion: 74 Resp: 38225
Ion Ratio Lower Upper
74 100
45 85.5 45.7 137.1



Abundance Ion 74.00 (73.70 to 74.70): V
Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.092 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampled :

VN0519MBS01

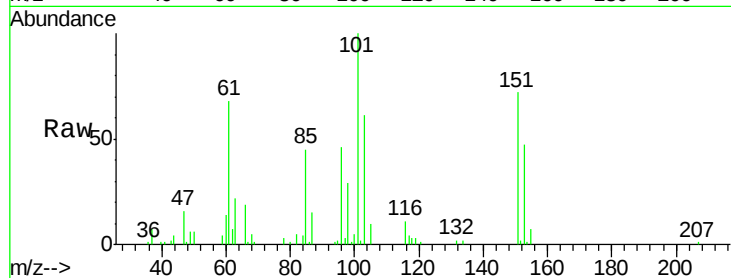
Tot Ion:101 Resp: 59208

Ion Ratio Lower Upper

101 100

85 43.6 36.6 55.0

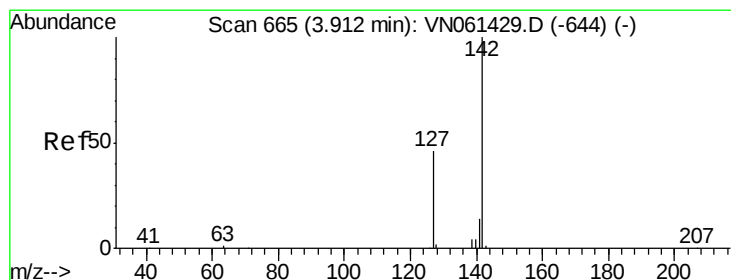
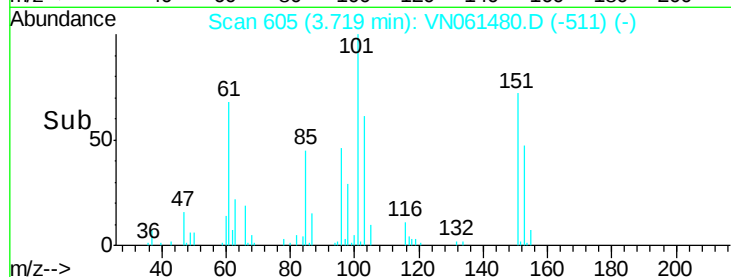
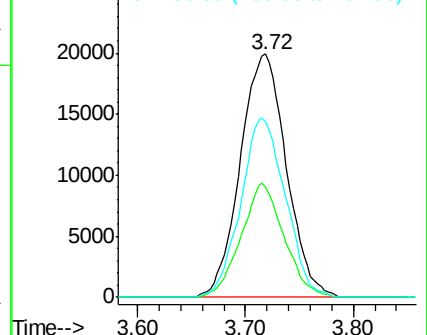
151 71.2 56.3 84.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.962 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

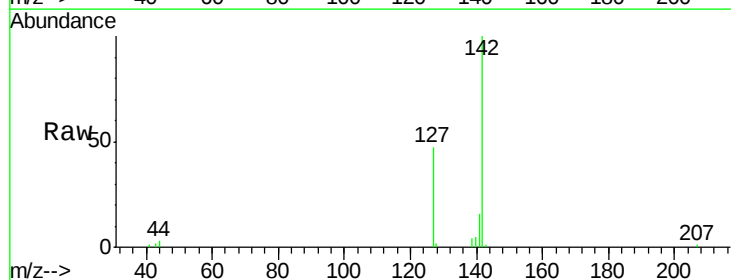
Tgt Ion:142 Resp: 71447

Ion Ratio Lower Upper

142 100

127 47.0 36.7 55.1

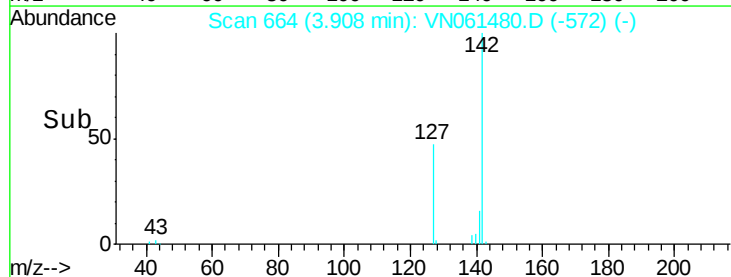
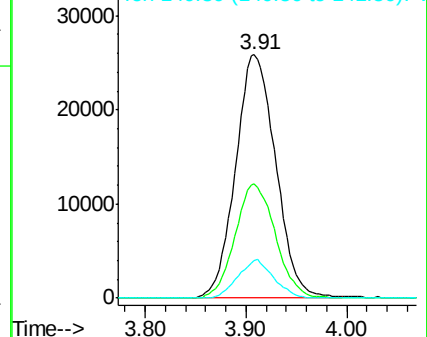
141 14.0 11.5 17.3

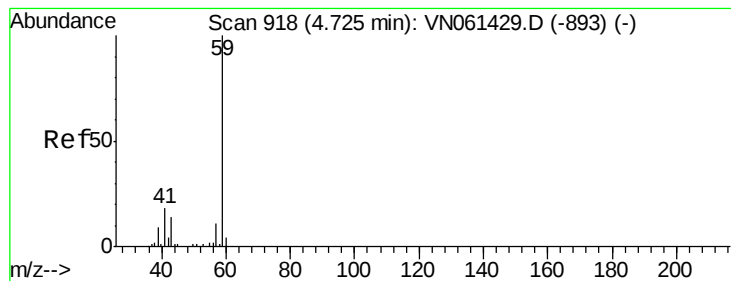


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



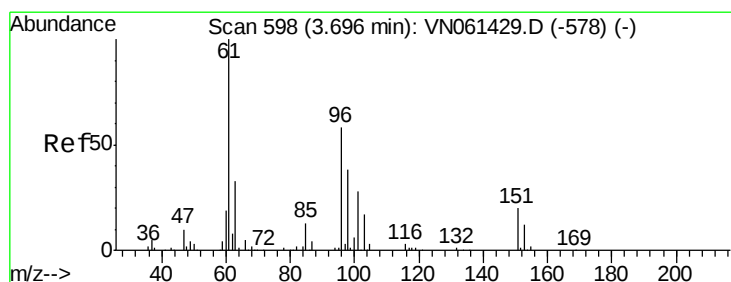
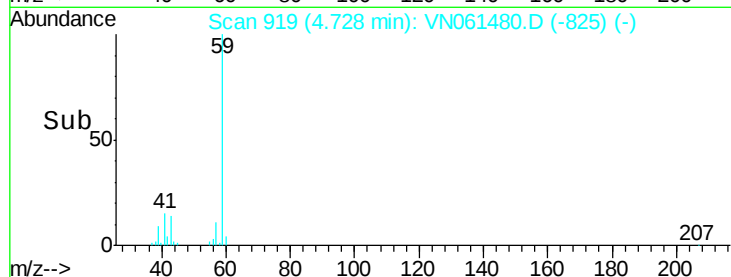
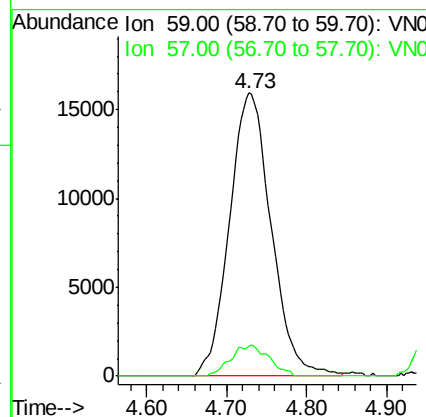
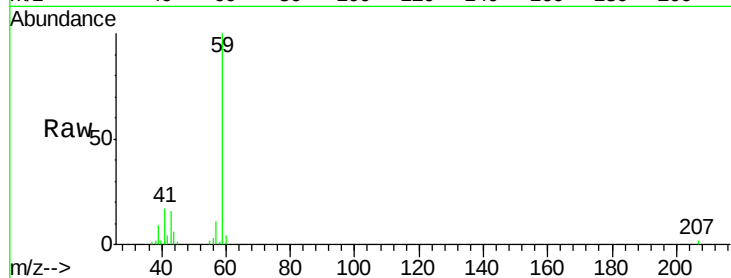


#11

Tert butyl alcohol
 Concen: 109.179 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VN061480.D
 Acq: 19 May 2020 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519MBS01

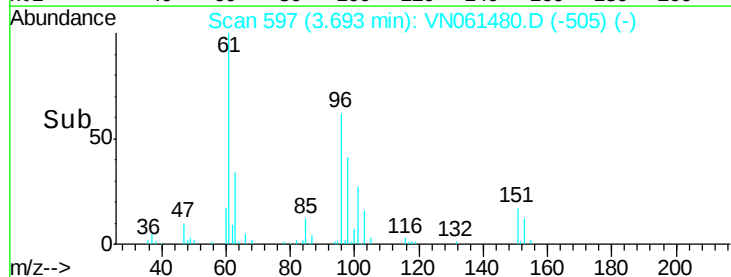
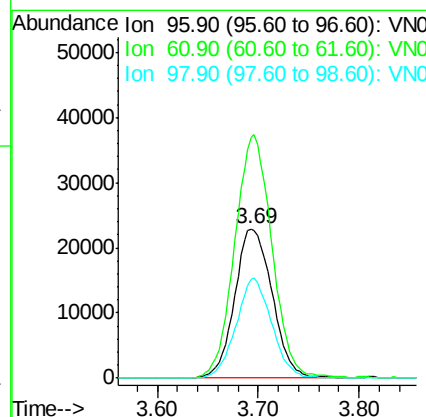
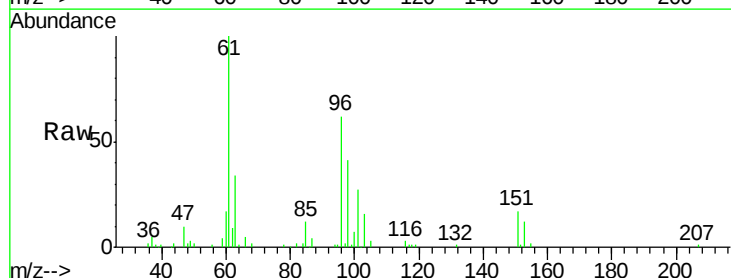
Tot Ion: 59 Resp: 56461
 Ion Ratio Lower Upper
 59 100
 57 4.0 8.2 12.2#

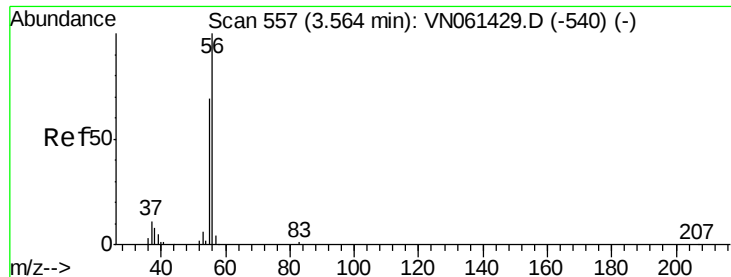


#12

1,1-Dichloroethene
 Concen: 19.216 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN061480.D
 Acq: 19 May 2020 13:47

Tgt Ion: 96 Resp: 59233
 Ion Ratio Lower Upper
 96 100
 61 162.1 138.7 208.1
 98 66.1 53.0 79.6





#13

Acrolein

Concen: 58.863 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

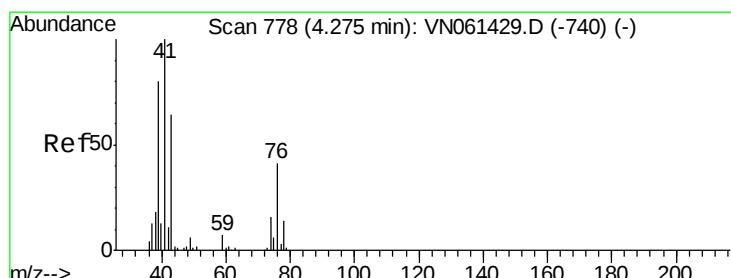
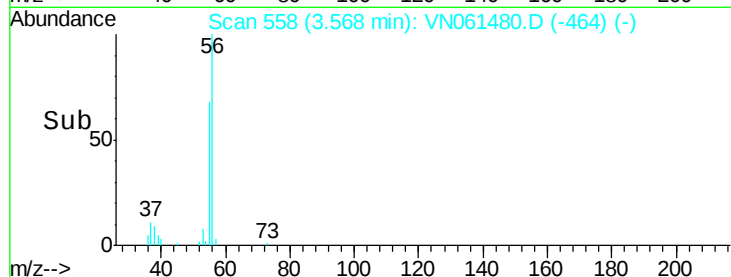
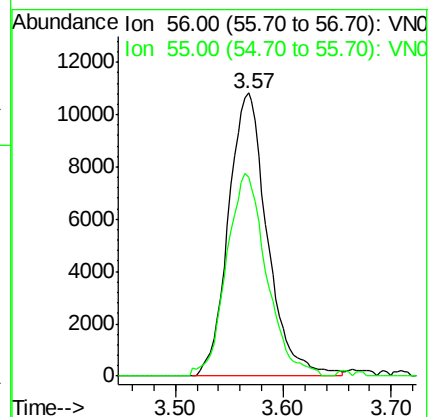
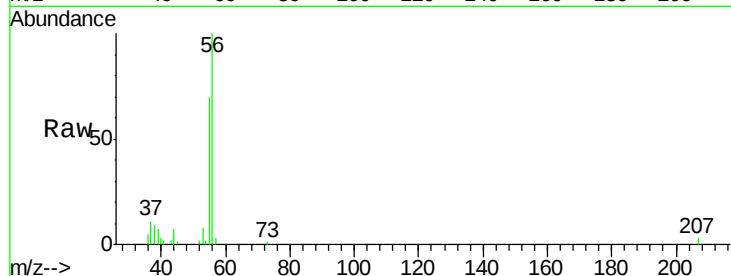
VN0519MBS01

Tot Ion: 56 Resp: 27155

Ion Ratio Lower Upper

56 100

55 73.8 54.8 82.2



#14

Allyl chloride

Concen: 18.267 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

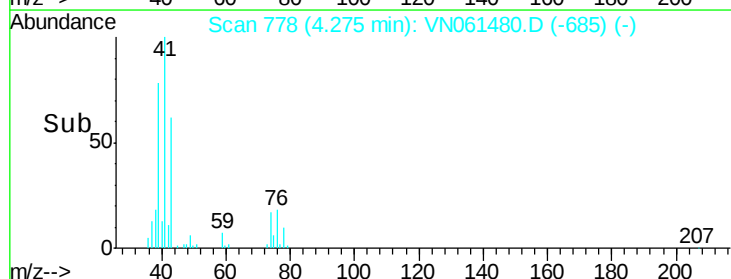
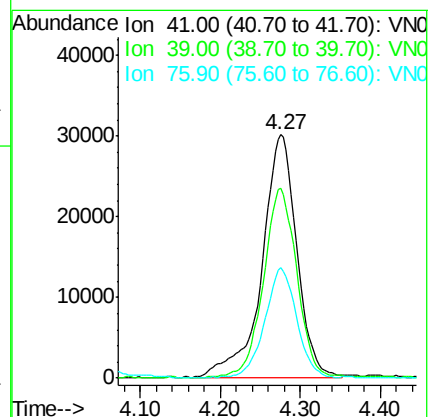
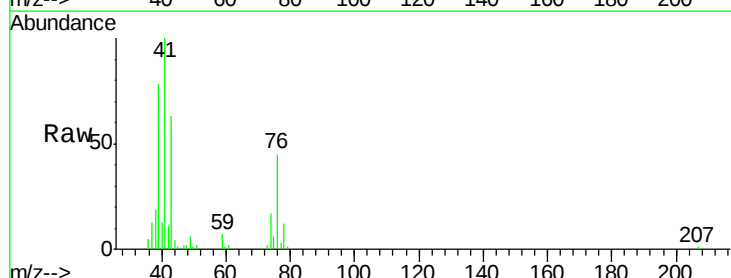
Tgt Ion: 41 Resp: 91635

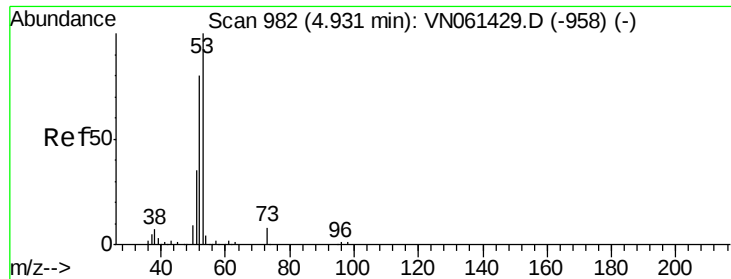
Ion Ratio Lower Upper

41 100

39 72.2 61.2 91.8

76 41.3 29.9 44.9

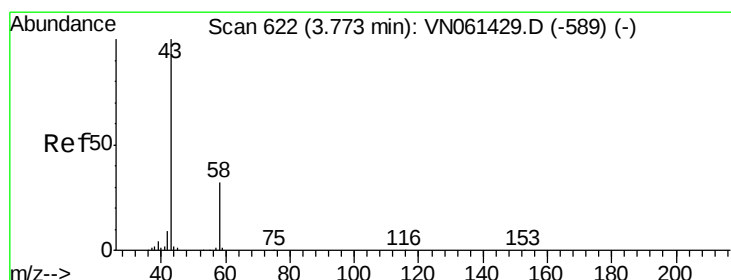
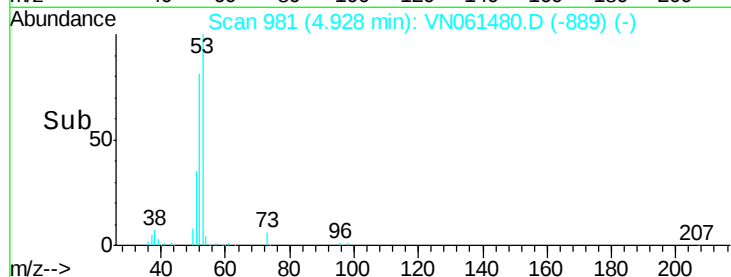
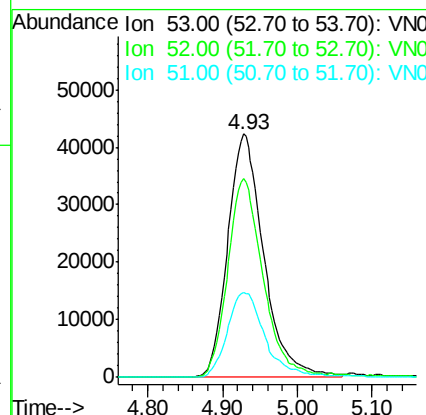
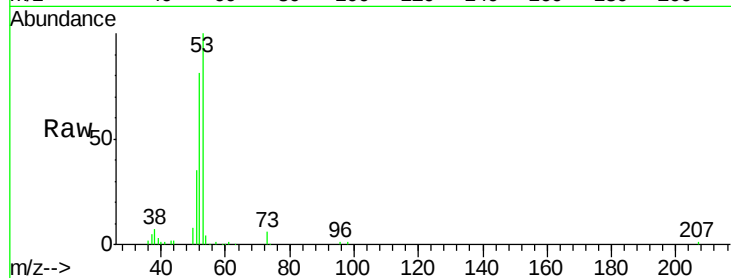




#15
 Acrylonitrile
 Concen: 92.165 ug/l
 RT: 4.93 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VN061480.D
 Acq: 19 May 2020 13:47

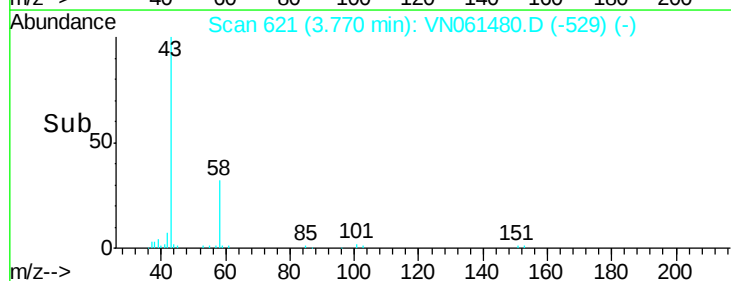
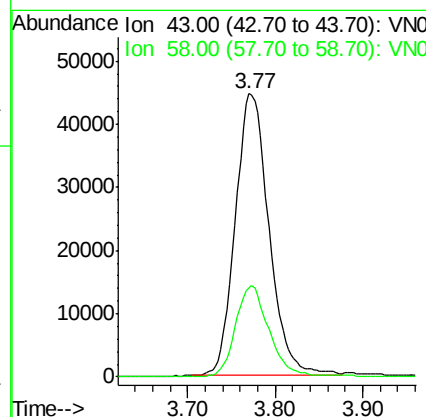
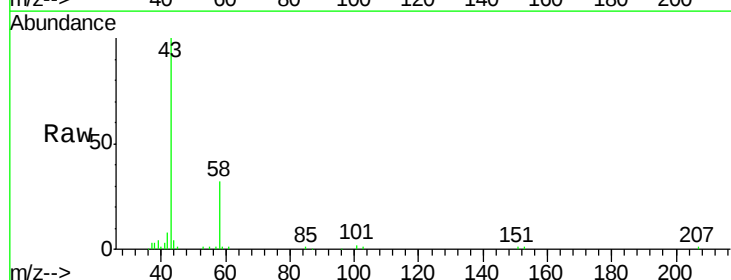
Instrument :
 MSVOA_N
 ClientSampled :
 VN0519MBS01

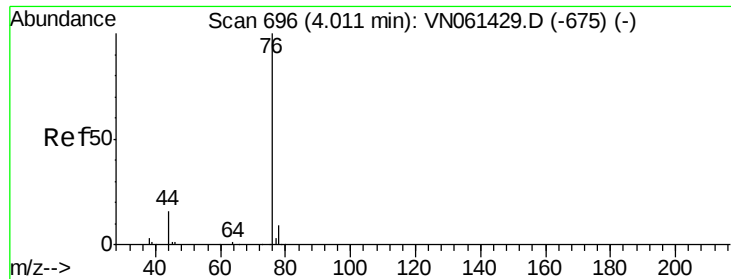
Tot Ion: 53 Resp: 141208
 Ion Ratio Lower Upper
 53 100
 52 80.1 64.7 97.1
 51 36.5 29.5 44.3



#16
 Acetone
 Concen: 97.647 ug/l
 RT: 3.77 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: VN061480.D
 Acq: 19 May 2020 13:47

Tgt Ion: 43 Resp: 120125
 Ion Ratio Lower Upper
 43 100
 58 31.7 25.6 38.4

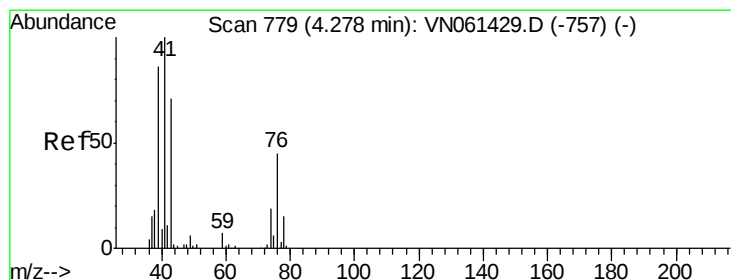
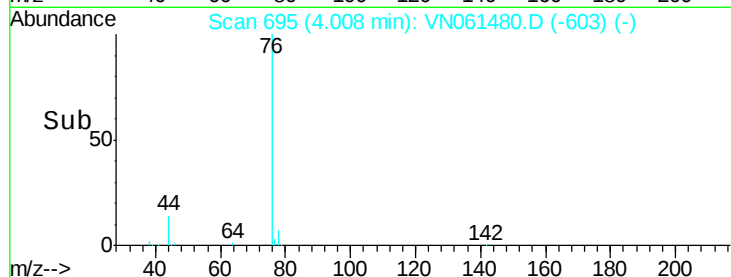
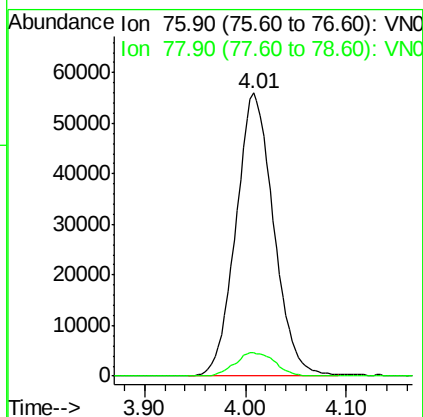
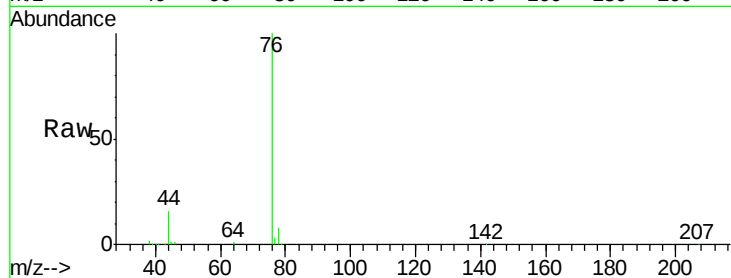




#17
Carbon Disulfide
Concen: 20.032 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

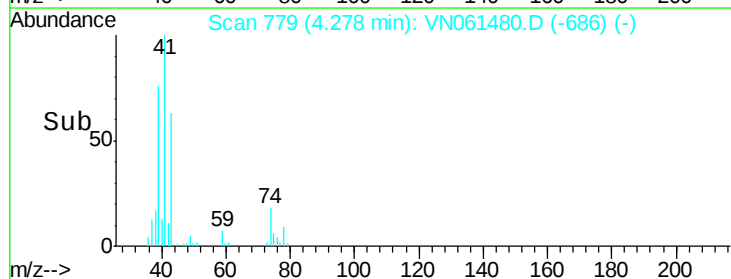
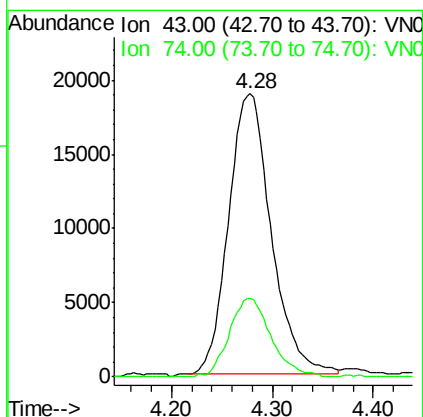
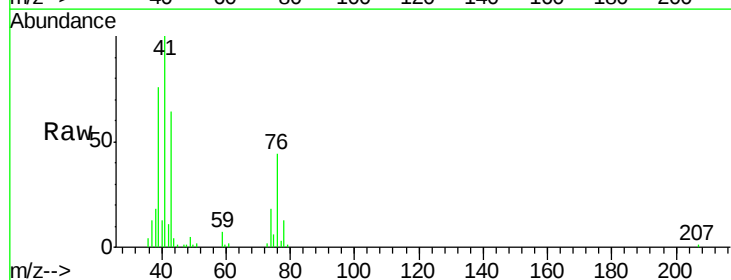
Instrument :
MSVOA_N
ClientSampleId :
VN0519MBS01

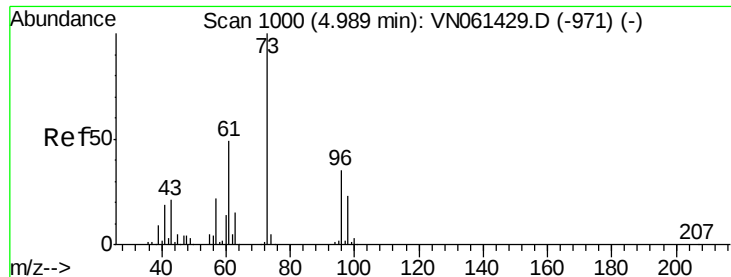
Tot Ion: 76 Resp: 145178
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 17.443 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

Tgt Ion: 43 Resp: 55833
Ion Ratio Lower Upper
43 100
74 27.2 20.8 31.2

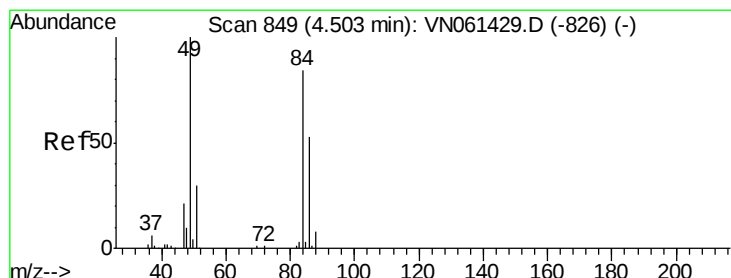
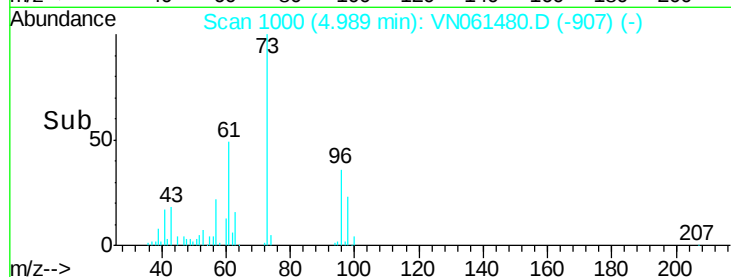
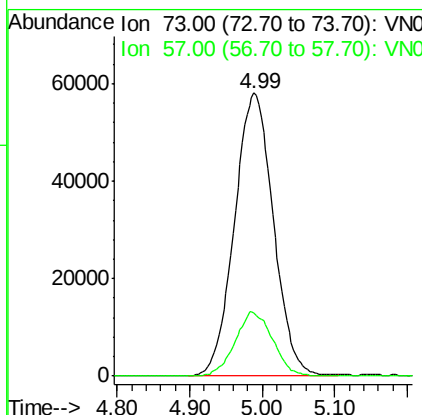
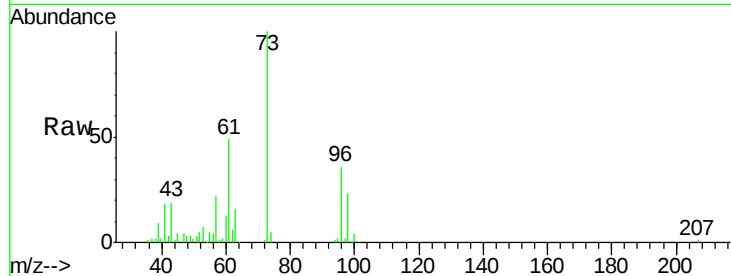




#19
Methvl tert-butvl Ether
Concen: 18.551 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

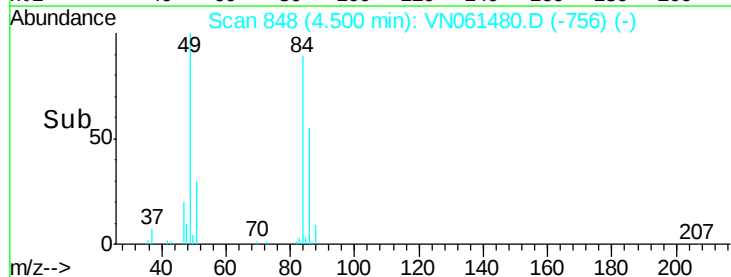
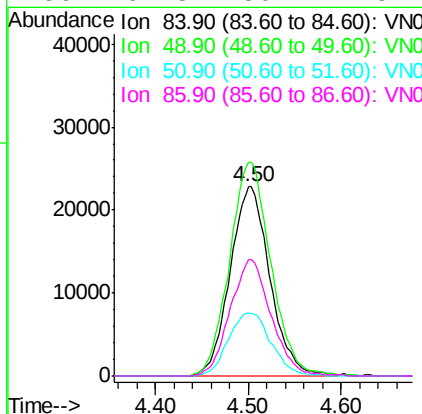
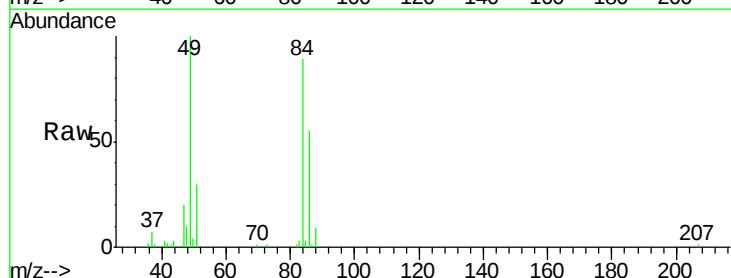
Instrument :
MSVOA_N
ClientSampleId :
VN0519MBS01

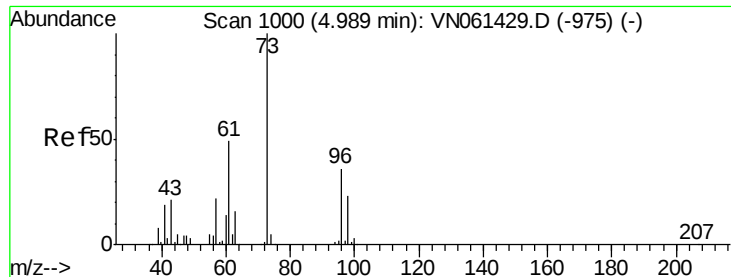
Tot Ion: 73 Resp: 217008
Ion Ratio Lower Upper
73 100
57 22.4 17.4 26.0



#20
Methylene Chloride
Concen: 18.439 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

Tgt Ion: 84 Resp: 68014
Ion Ratio Lower Upper
84 100
49 112.9 95.3 142.9
51 33.4 29.0 43.6
86 61.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 19.256 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0519MBS01

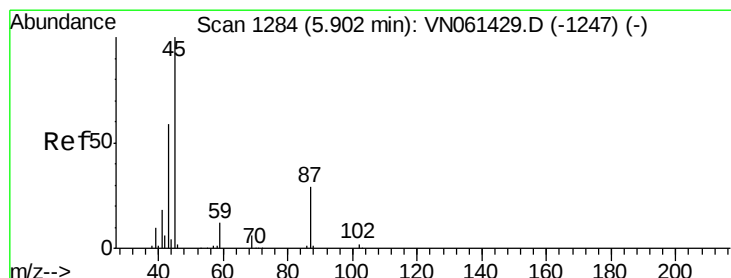
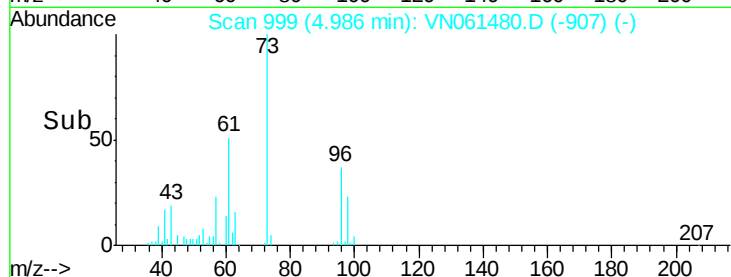
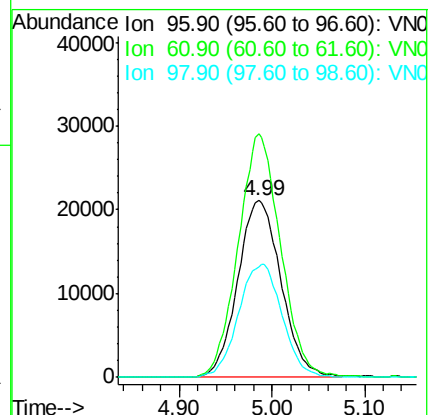
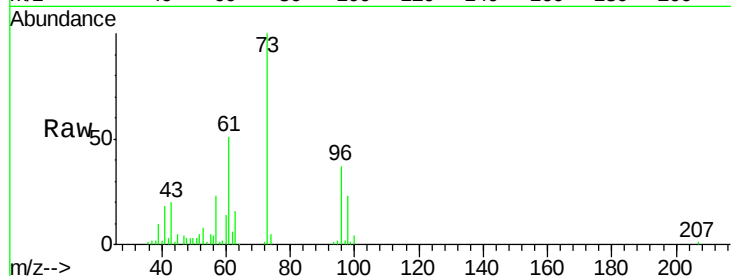
Tot Ion: 96 Resp: 68446

Ion Ratio Lower Upper

96 100

61 137.8 109.8 164.6

98 62.7 52.4 78.6



#22

Diisopropyl ether

Concen: 18.140 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Tgt Ion: 45 Resp: 204495

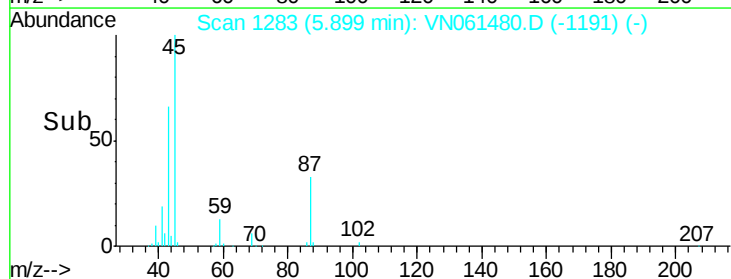
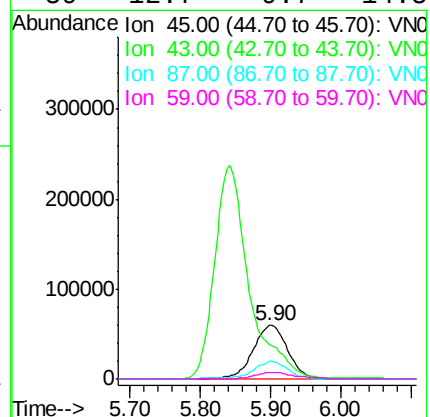
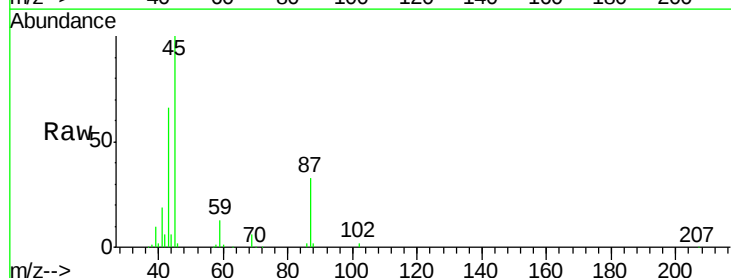
Ion Ratio Lower Upper

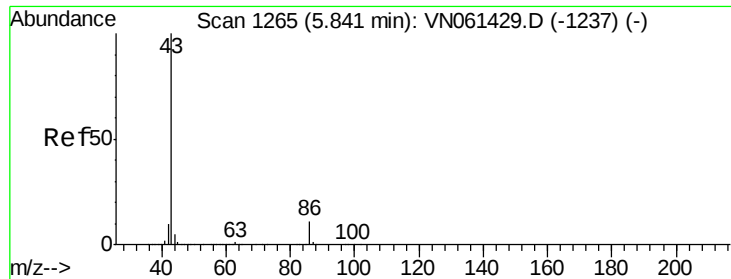
45 100

43 63.9 47.9 71.9

87 32.6 24.0 36.0

59 12.7 9.7 14.5





#23

Vinyl Acetate

Concen: 91.079 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampled :

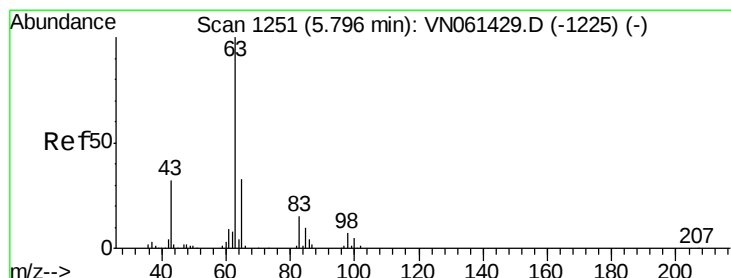
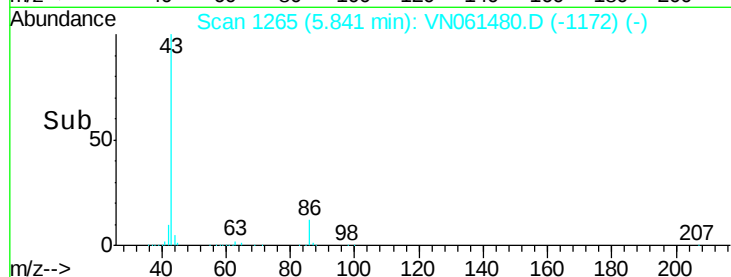
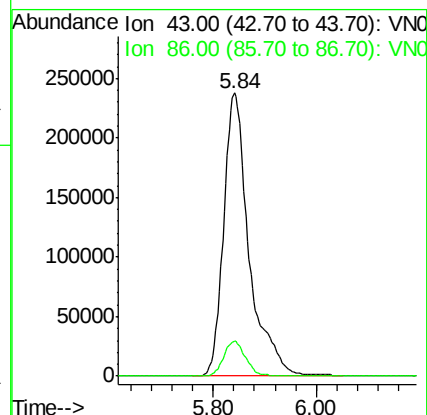
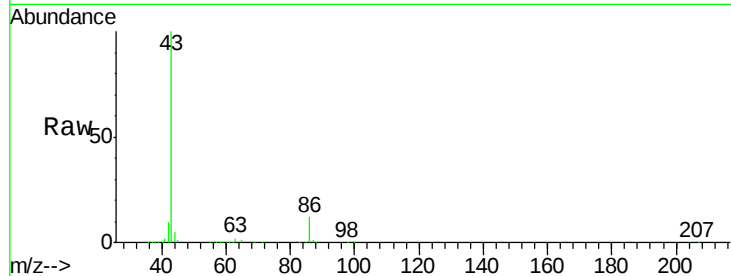
VN0519MBS01

Tot Ion: 43 Resp: 816457

Ion Ratio Lower Upper

43 100

86 12.4 9.1 13.7



#24

1,1-Dichloroethane

Concen: 18.669 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

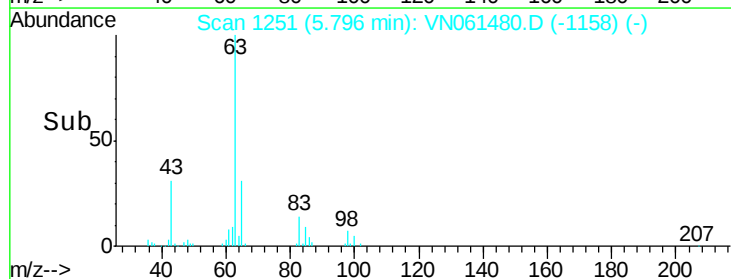
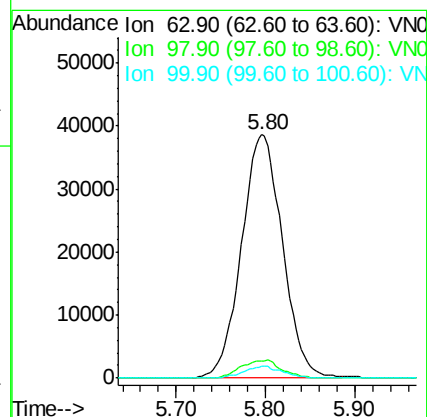
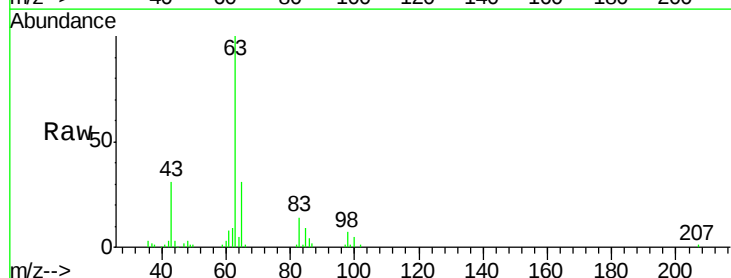
Tgt Ion: 63 Resp: 122754

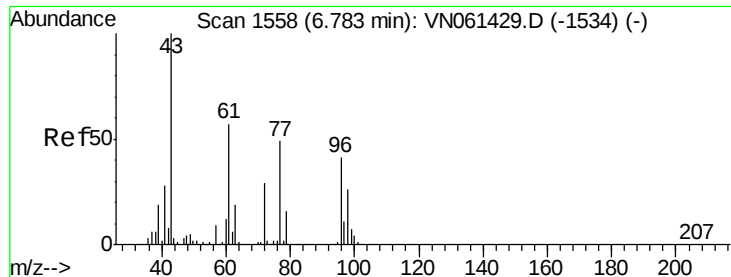
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.9 2.3 6.9

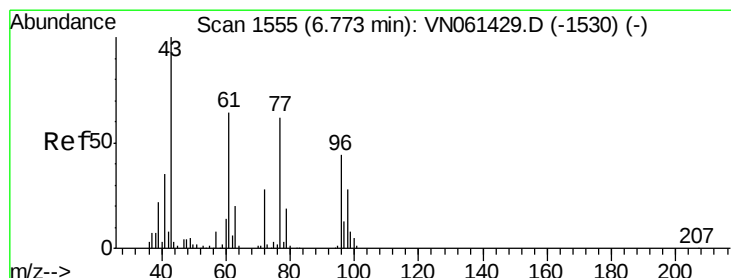
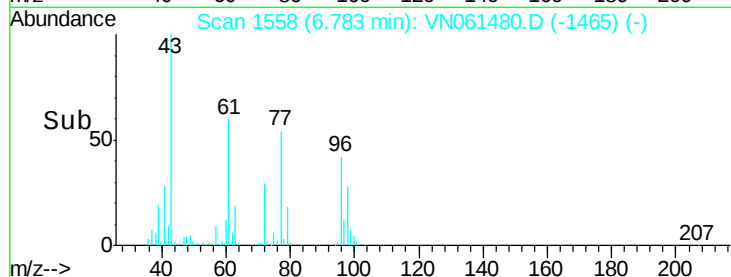
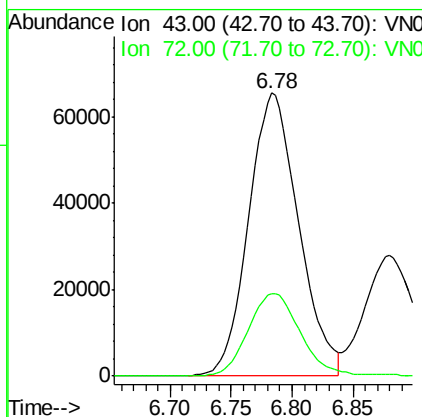
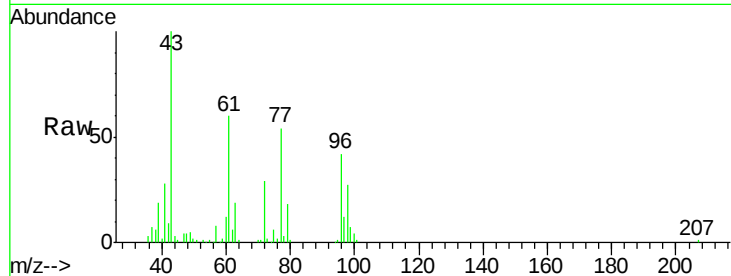




#25
2-Butanone
Concen: 91.290 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

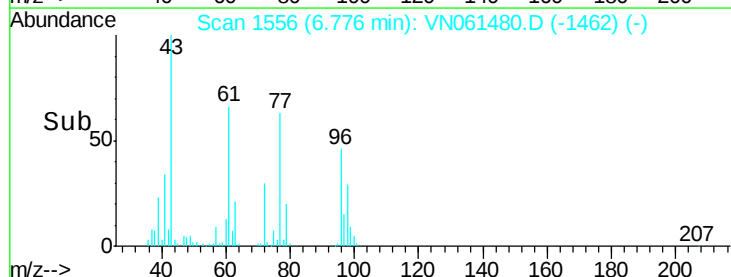
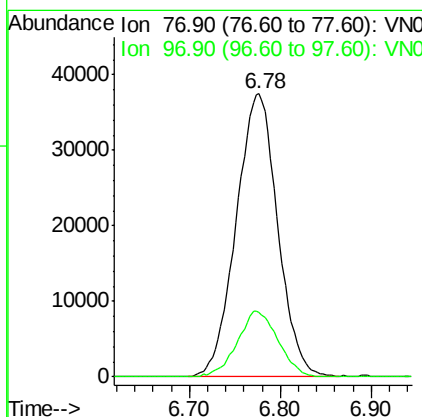
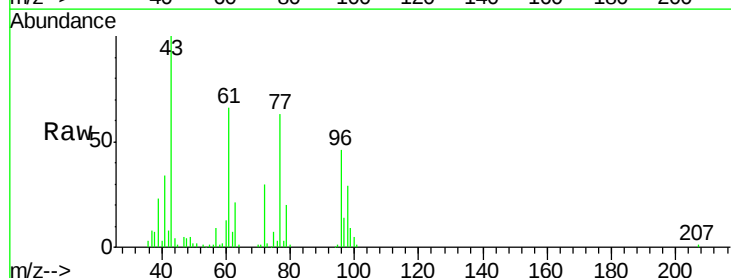
Instrument :
MSVOA_N
ClientSampleId :
VN0519MBS01

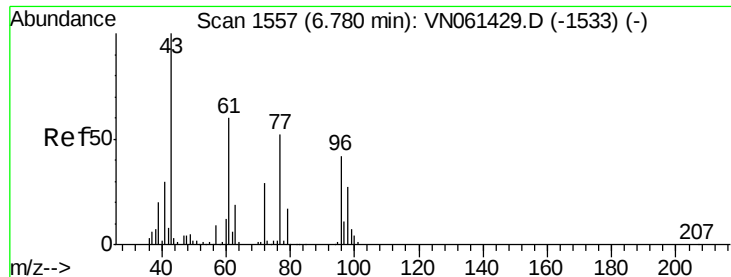
Tot Ion: 43 Resp: 186551
Ion Ratio Lower Upper
43 100
72 29.3 23.0 34.6



#26
2,2-Dichloropropane
Concen: 18.950 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

Tgt Ion: 77 Resp: 118781
Ion Ratio Lower Upper
77 100
97 22.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.423 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

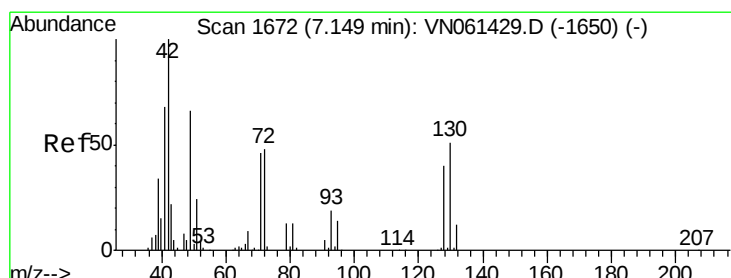
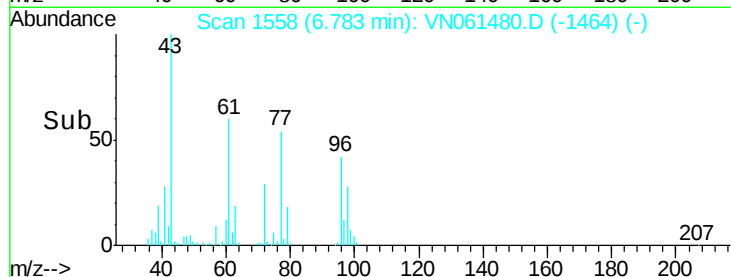
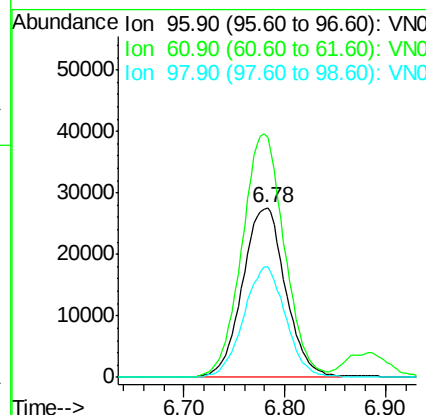
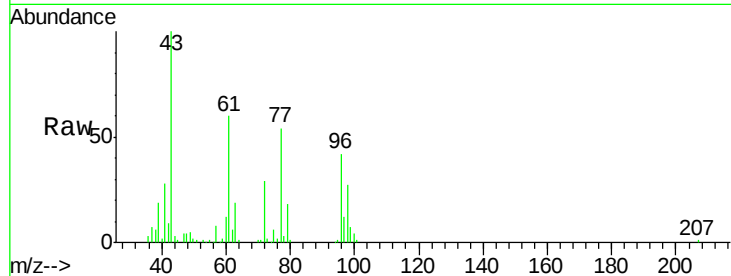
Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :
MSVOA_N
ClientSampled :
VN0519MBS01

Tot Ion: 96 Resp: 81550

Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	294.2
98	63.5	0.0	128.2



#28

Bromochloromethane

Concen: 21.601 ug/l

RT: 7.15 min Scan# 1672

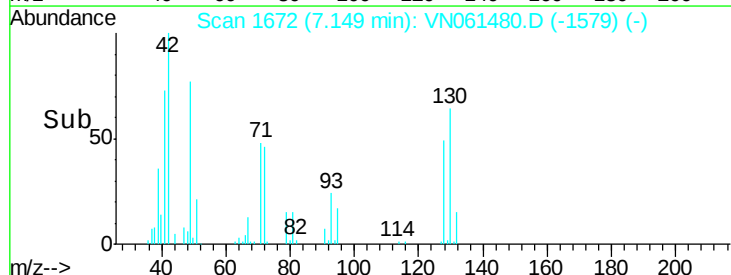
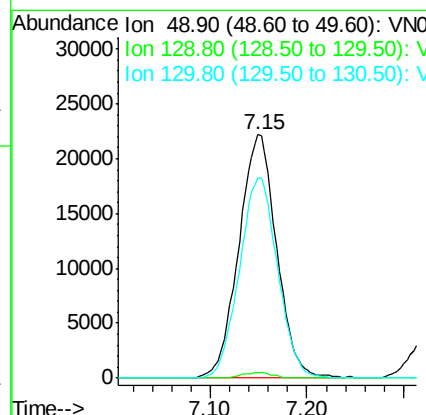
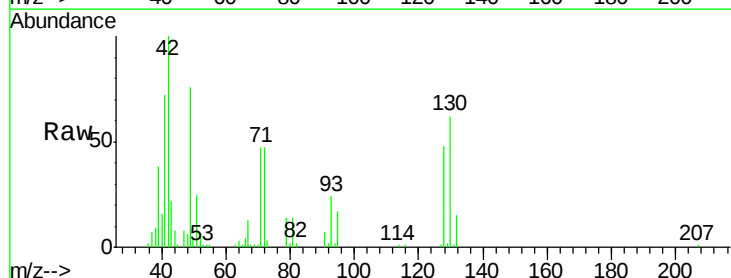
Delta R.T. 0.00 min

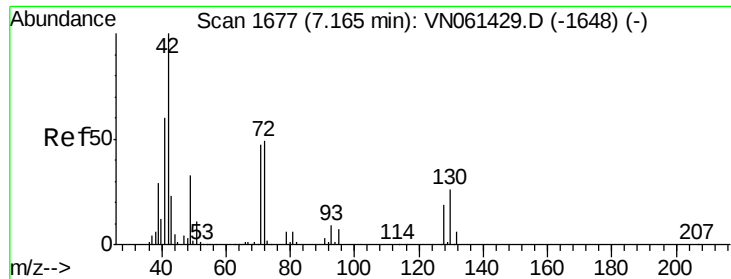
Lab File: VN061480.D

Acq: 19 May 2020 13:47

Tgt Ion: 49 Resp: 60288

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.6
130	83.2	62.2	93.2

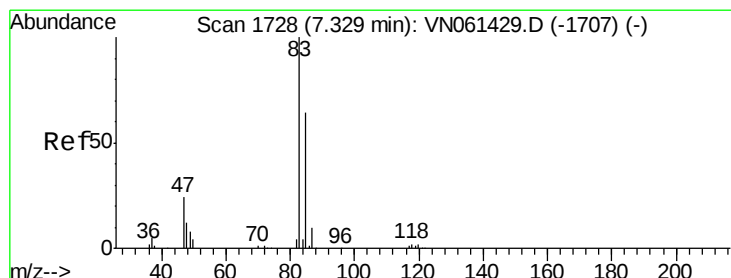
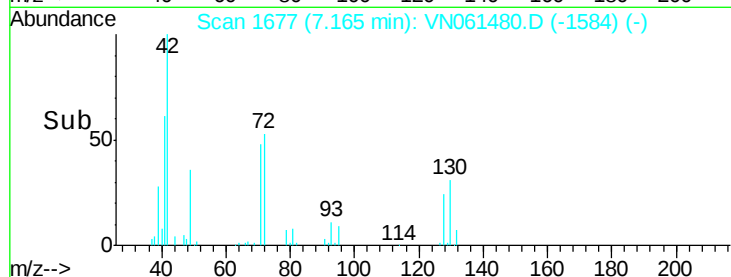
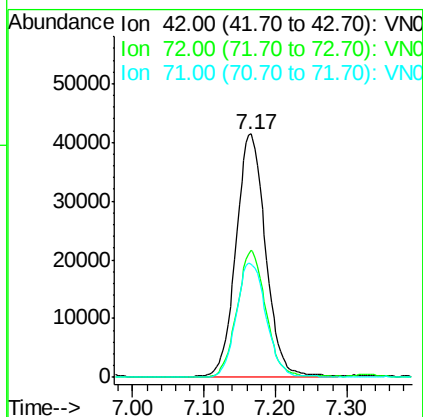
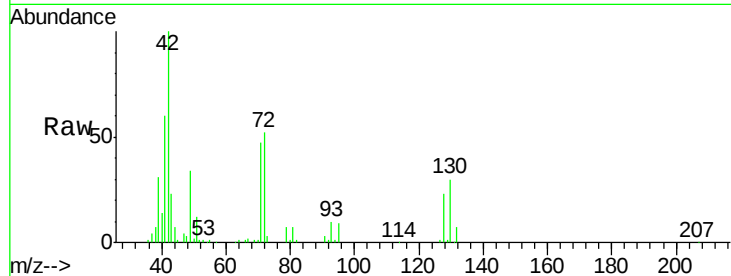




#29
Tetrahydrofuran
Concen: 89.289 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

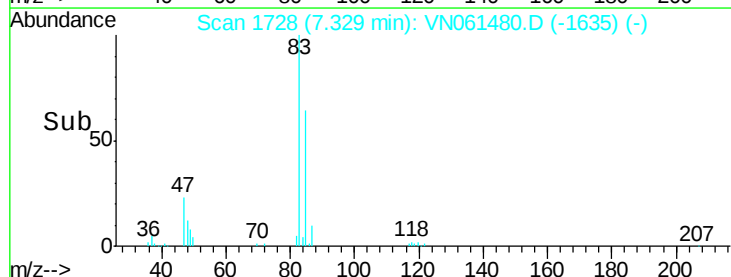
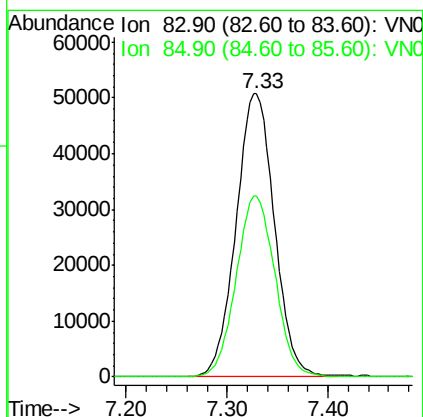
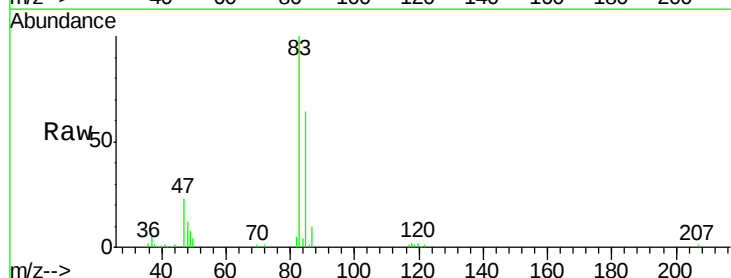
Instrument :
MSVOA_N
ClientSampled :
VN0519MBS01

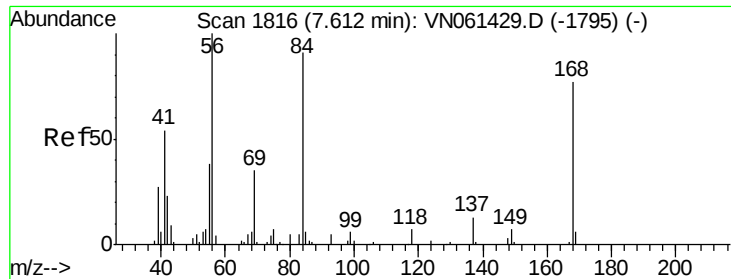
Tot Ion: 42 Resp: 120839
Ion Ratio Lower Upper
42 100
72 50.3 39.0 58.6
71 46.9 36.9 55.3



#30
Chloroform
Concen: 19.487 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

Tgt Ion: 83 Resp: 133825
Ion Ratio Lower Upper
83 100
85 64.2 51.0 76.4

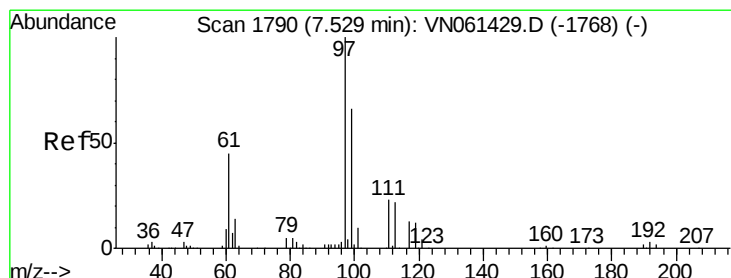
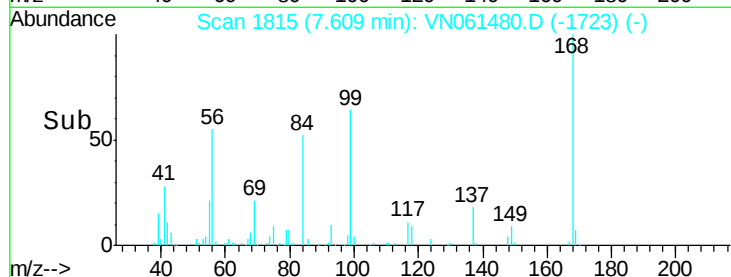
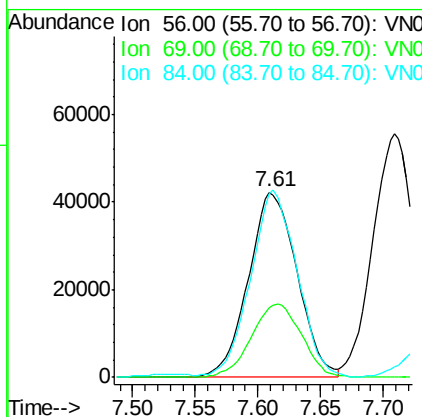
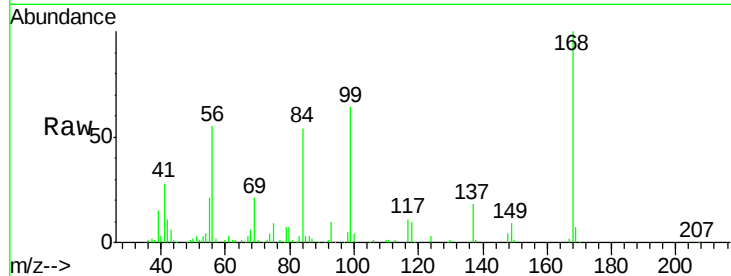




#31
Cyclohexane
Concen: 17.822 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

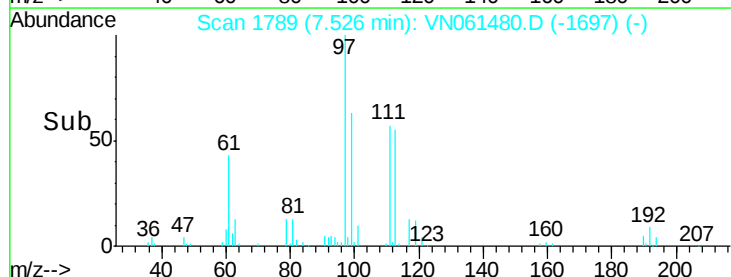
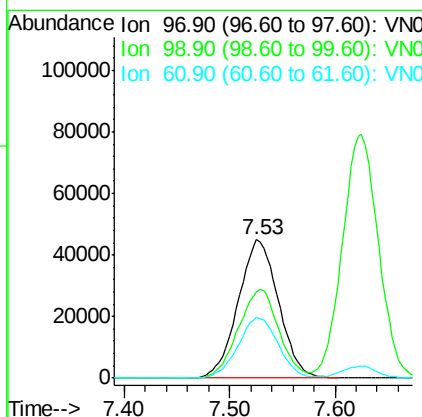
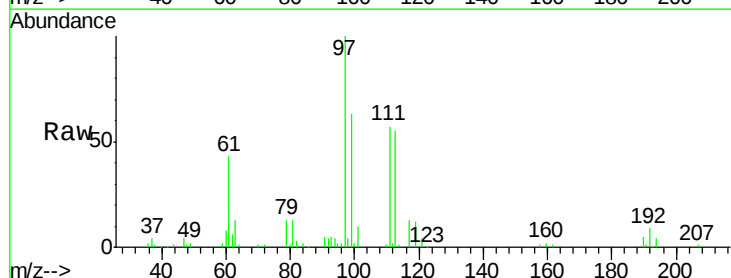
Instrument :
MSVOA_N
ClientSampleId :
VN0519MBS01

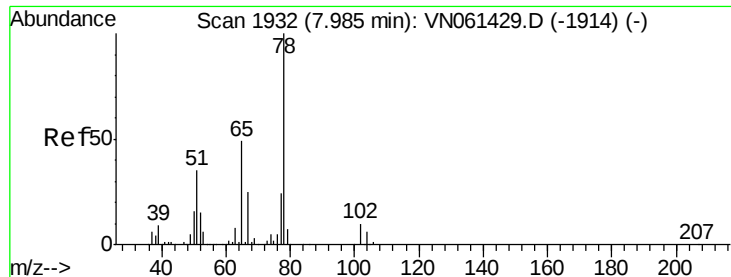
Tot Ion: 56 Resp: 114227
Ion Ratio Lower Upper
56 100
69 37.6 27.8 41.6
84 97.7 72.7 109.1



#32
1,1,1-Trichloroethane
Concen: 19.088 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

Tgt Ion: 97 Resp: 119785
Ion Ratio Lower Upper
97 100
99 63.9 51.5 77.3
61 43.6 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 49.049 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampled :

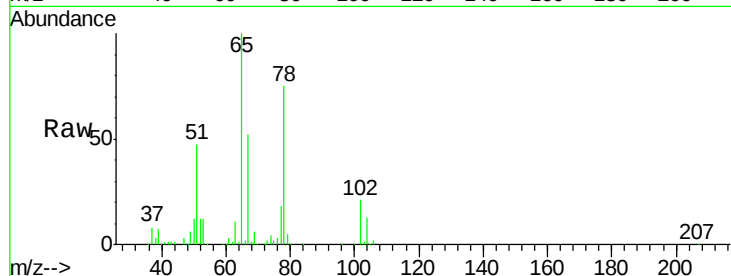
VN0519MBS01

Tot Ion: 65 Resp: 220142

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN061429.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN061429.D (-1914) (-)

7.99

100000

80000

60000

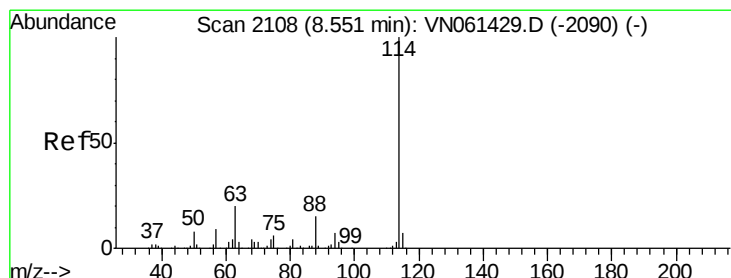
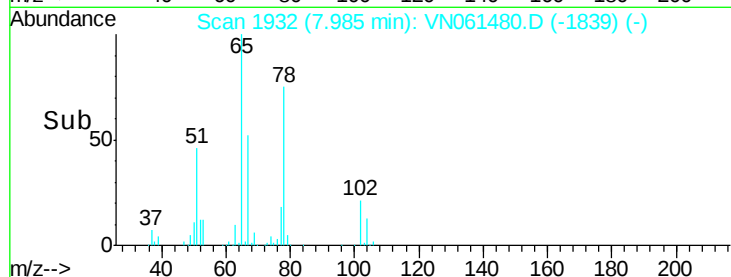
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

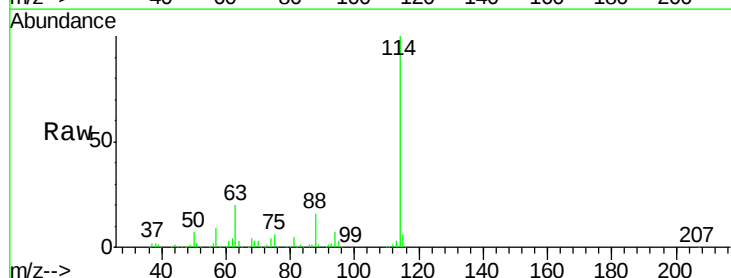
Tgt Ion: 114 Resp: 542399

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 16.2 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN061429.D (-2090) (-)

Ion 63.00 (62.70 to 63.70): VN061429.D (-2090) (-)

Ion 87.90 (87.60 to 88.60): VN061429.D (-2090) (-)

8.55

300000

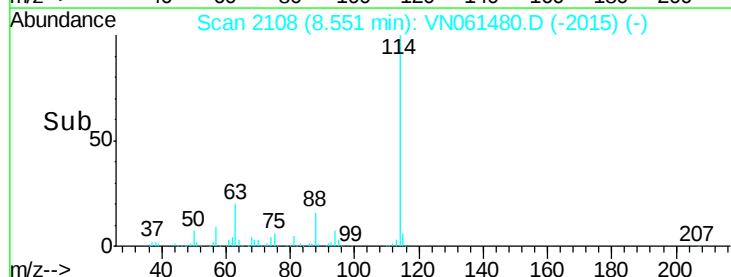
200000

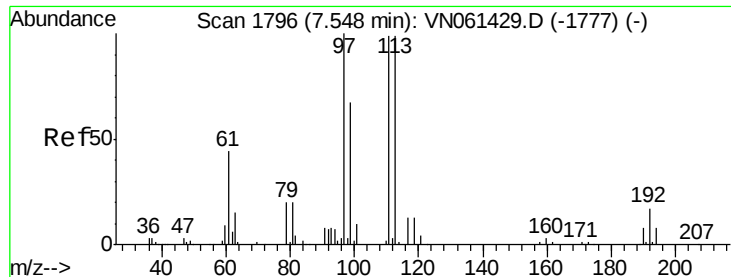
100000

0

8.50 8.55 8.60 8.65

Time-->

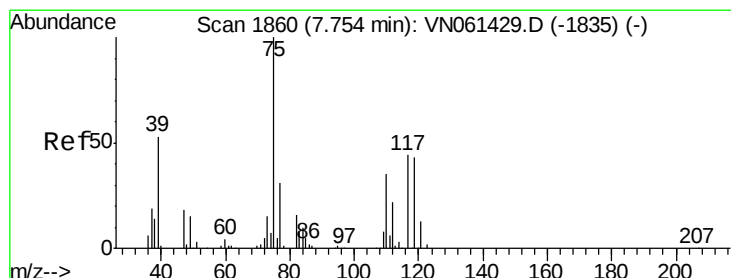
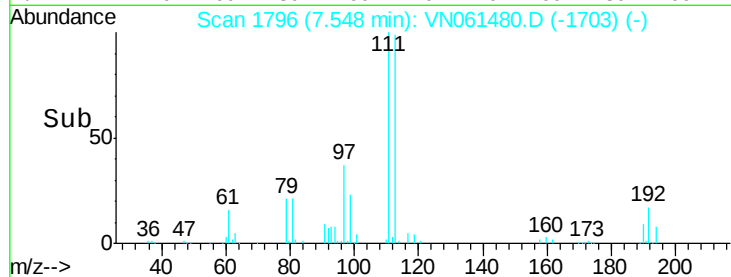
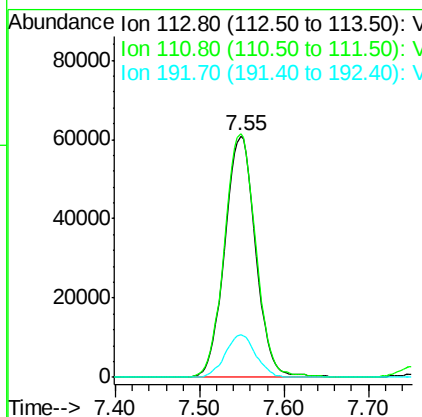
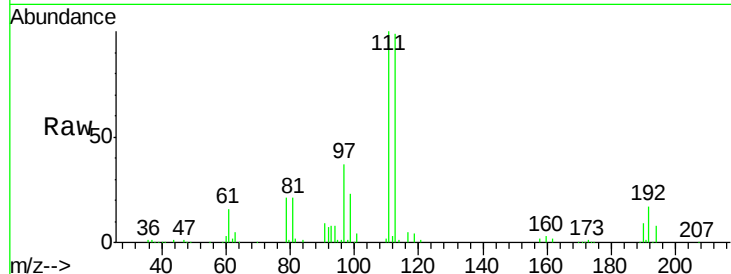




#35
 Dibromofluoromethane
 Concen: 54.601 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061480.D
 Acq: 19 May 2020 13:47

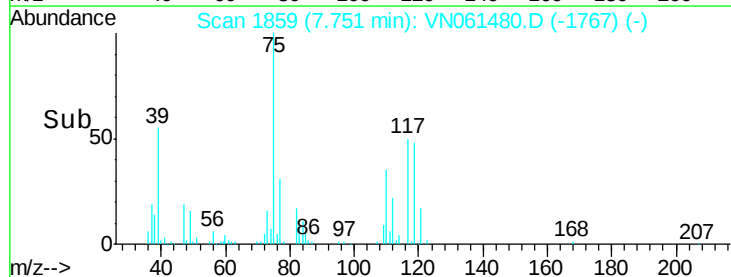
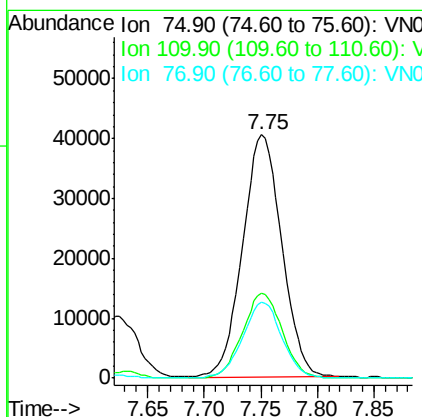
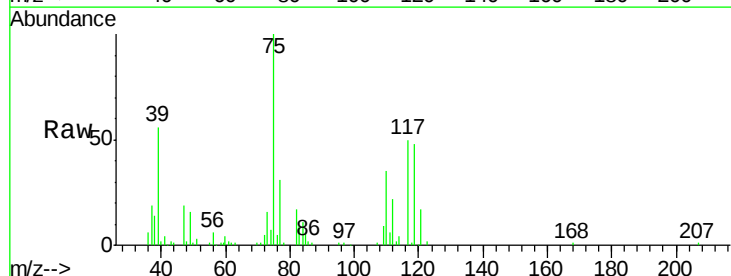
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519MBS01

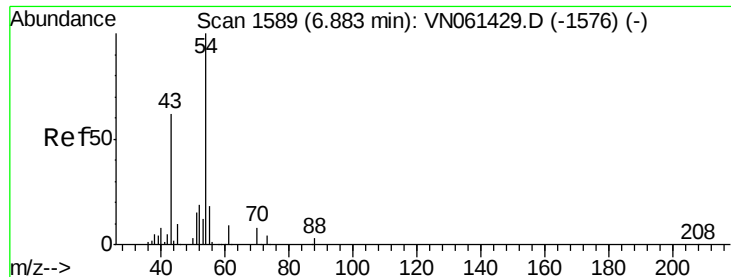
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.6	121.0
192	17.4	13.2	19.8



#36
 1,1-Dichloropropene
 Concen: 19.248 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061480.D
 Acq: 19 May 2020 13:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.3	51.9
77	31.3	24.9	37.3

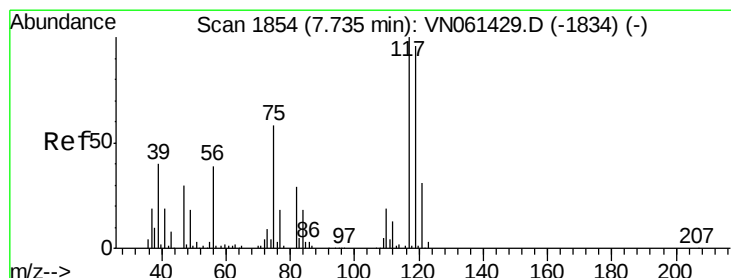
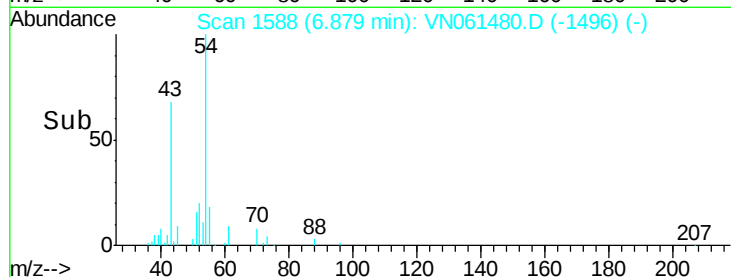
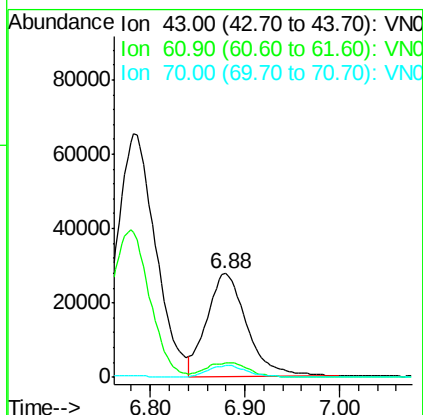
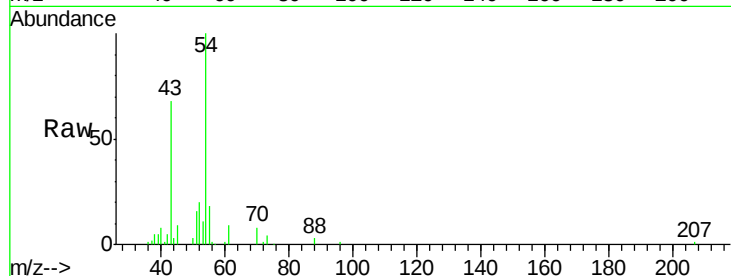




#37
Ethyl Acetate
Concen: 17.703 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

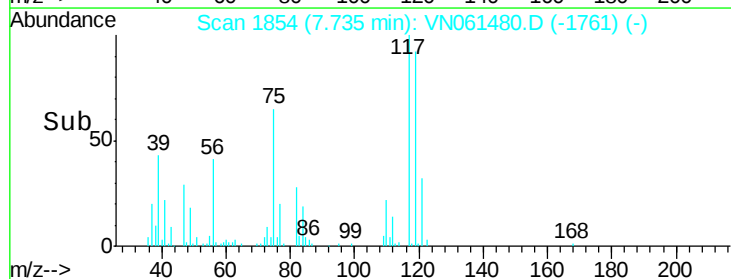
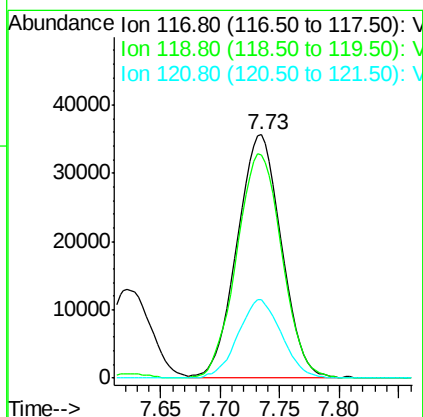
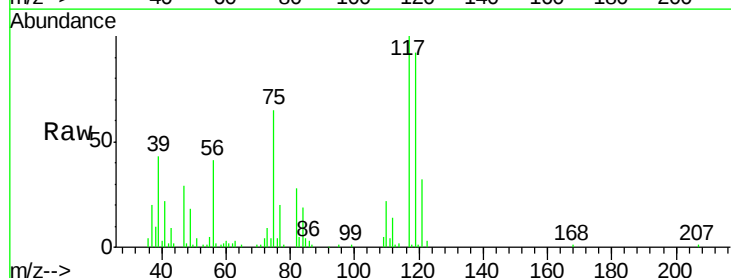
Instrument :
MSVOA_N
ClientSampleId :
VN0519MBS01

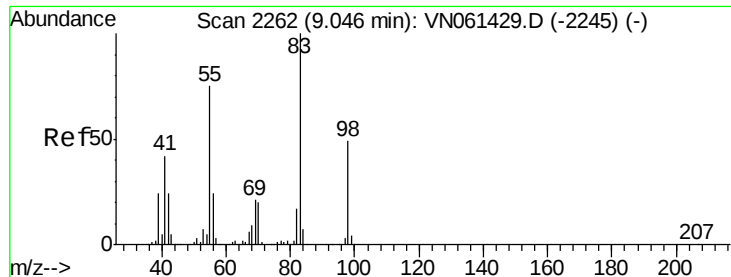
Tot Ion: 43 Resp: 81425
Ion Ratio Lower Upper
43 100
61 14.3 11.7 17.5
70 11.5 9.2 13.8



#38
Carbon Tetrachloride
Concen: 19.719 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

Tgt Ion: 117 Resp: 92087
Ion Ratio Lower Upper
117 100
119 91.8 77.0 115.6
121 32.2 24.7 37.1

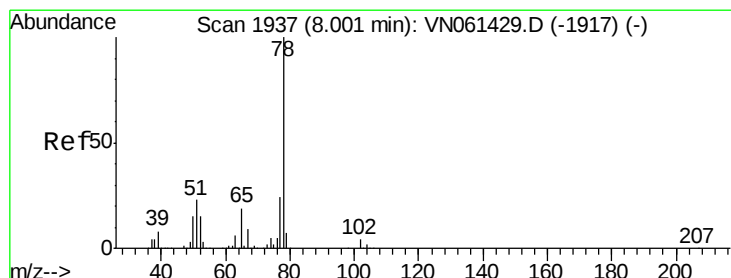
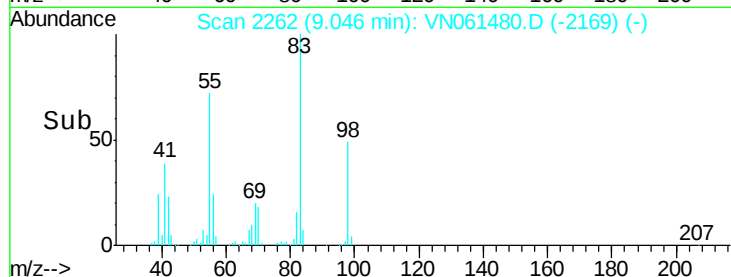
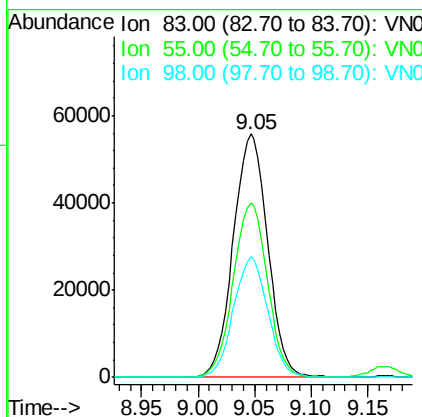
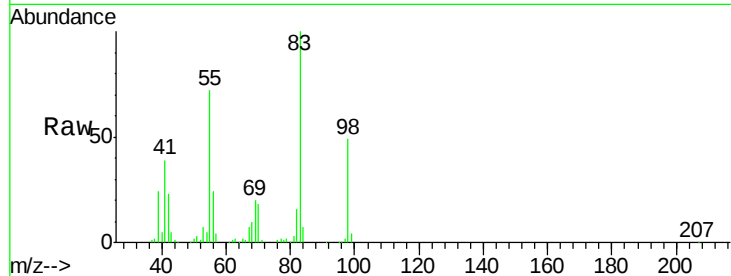




#39
Methvlcvclohexane
Concen: 19.077 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

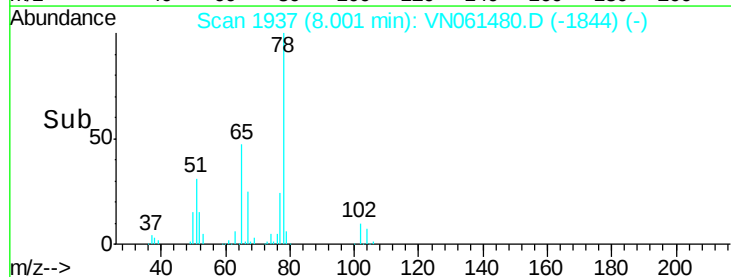
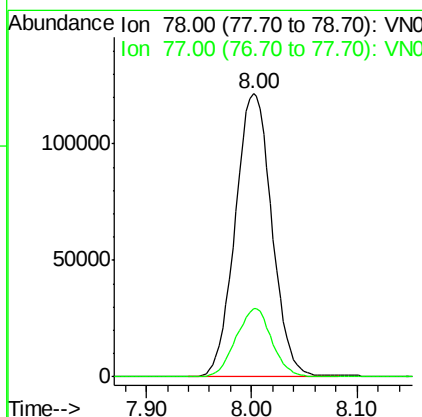
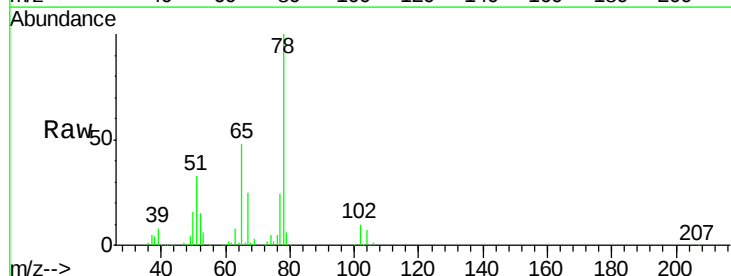
Instrument :
MSVOA_N
ClientSampleId :
VN0519MBS01

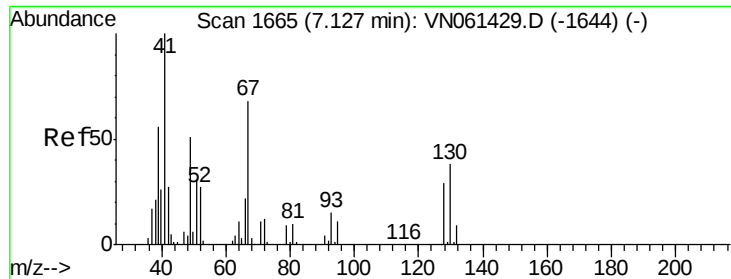
Tot Ion: 83 Resp: 118173
Ion Ratio Lower Upper
83 100
55 71.8 59.7 89.5
98 49.4 38.9 58.3



#40
Benzene
Concen: 19.186 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

Tgt Ion: 78 Resp: 293244
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

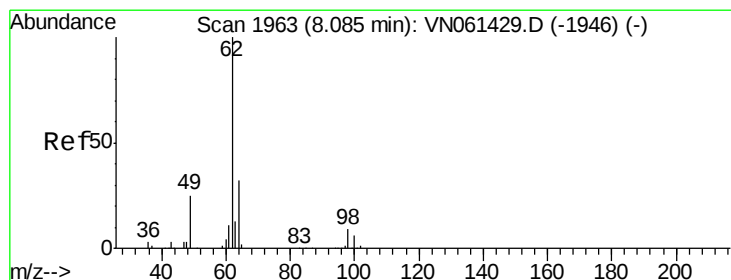
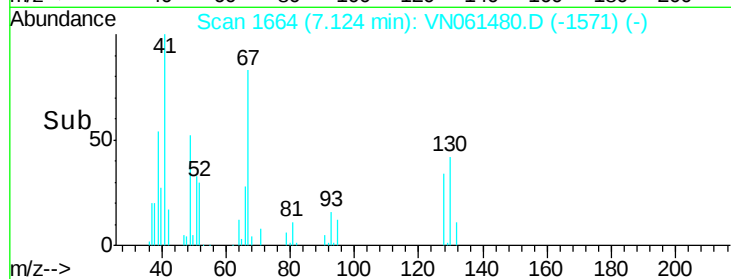
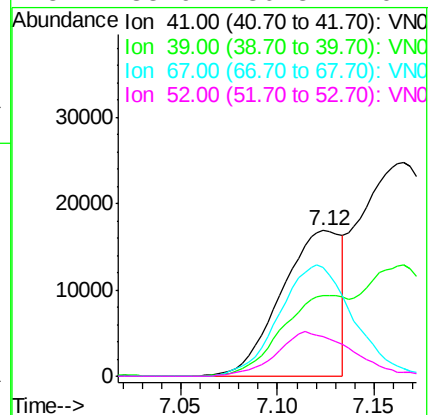
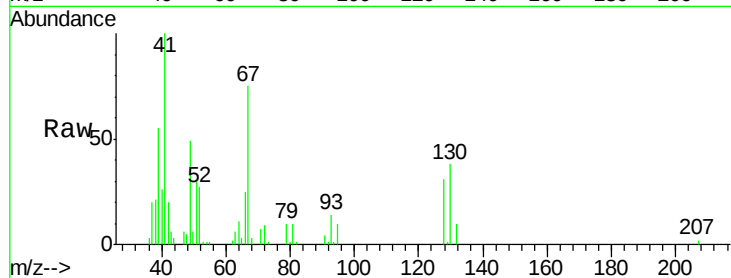




#41
Methacrylonitrile
Concen: 18.840 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

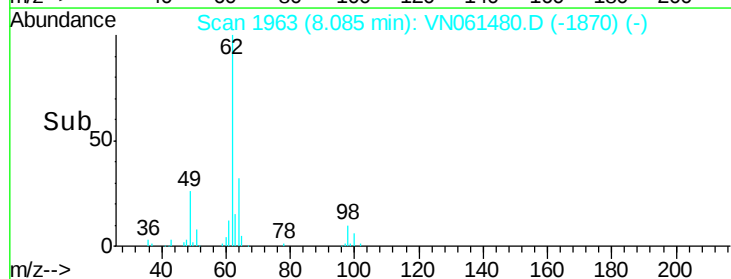
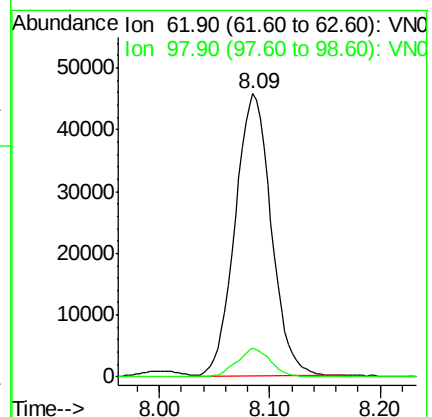
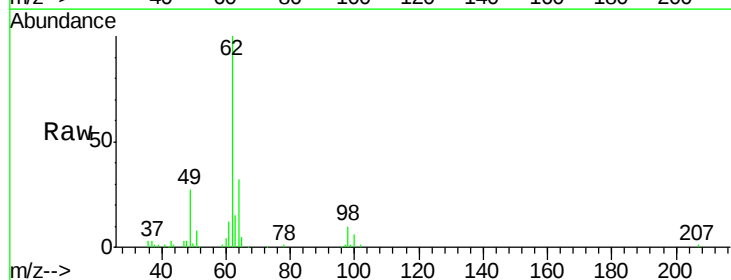
Instrument :
MSVOA_N
ClientSampleId :
VN0519MBS01

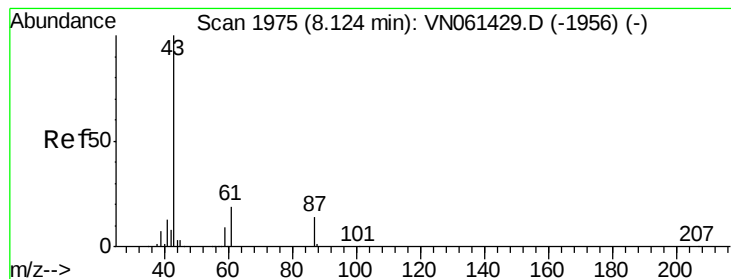
Tot Ion: 41 Resp: 36600
Ion Ratio Lower Upper
41 100
39 59.8 48.3 72.5
67 94.5 74.2 111.4
52 38.9 30.8 46.2



#42
1,2-Dichloroethane
Concen: 18.872 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

Tgt Ion: 62 Resp: 103922
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4





#43

Isopropyl Acetate

Concen: 17.883 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0519MBS01

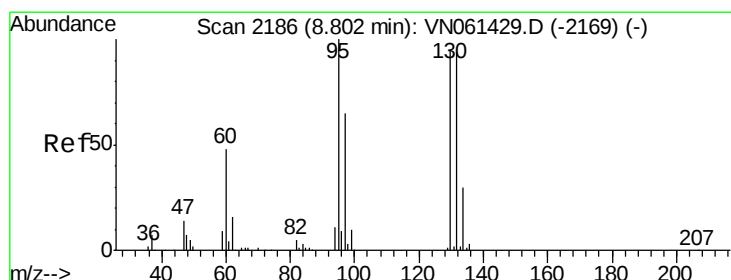
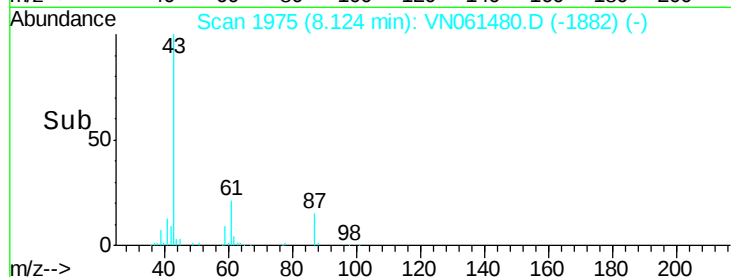
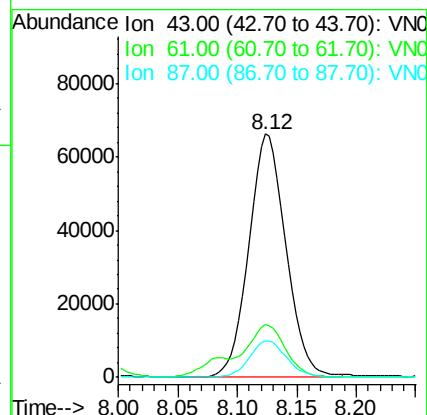
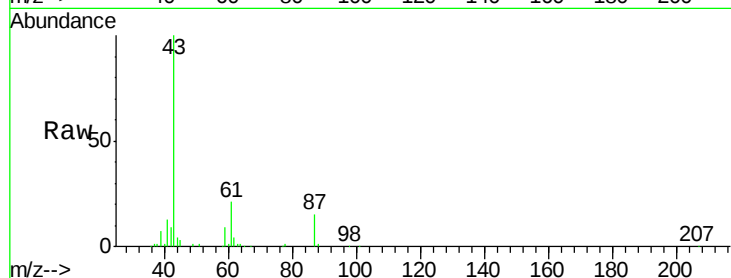
Tot Ion: 43 Resp: 143457

Ion Ratio Lower Upper

43 100

61 21.2 23.0 34.4#

87 14.9 11.6 17.4



#44

Trichloroethene

Concen: 20.234 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061480.D

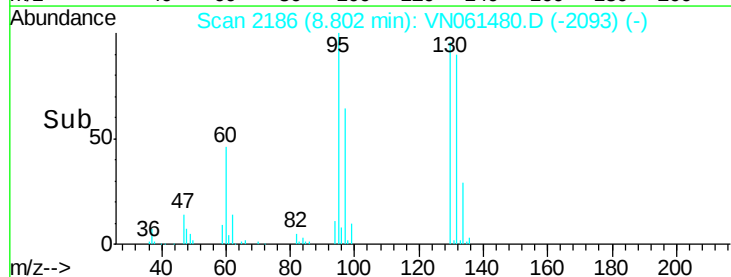
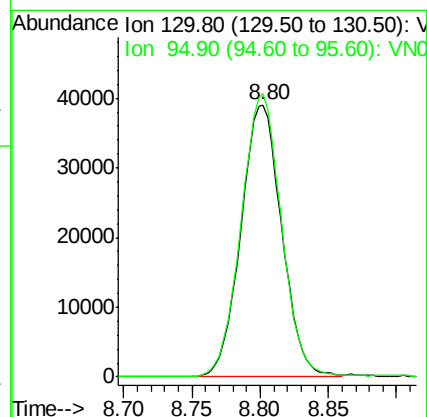
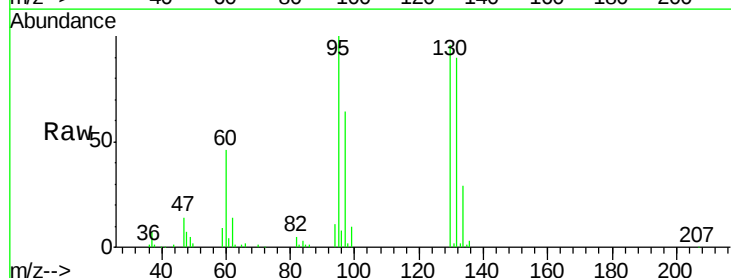
Acq: 19 May 2020 13:47

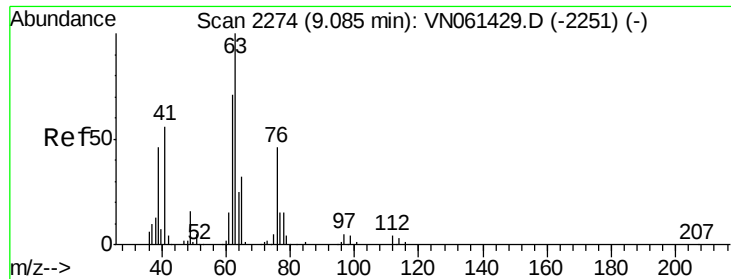
Tgt Ion: 130 Resp: 81034

Ion Ratio Lower Upper

130 100

95 103.9 0.0 209.8





#45

1,2-Dichloropropane

Concen: 18.921 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

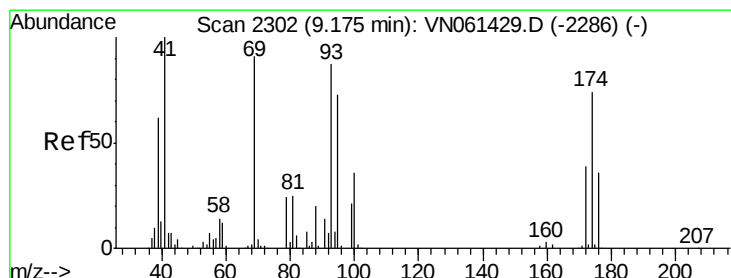
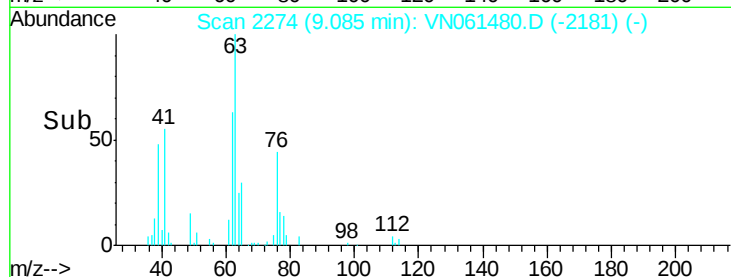
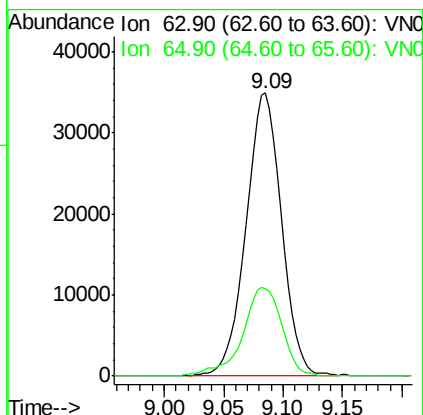
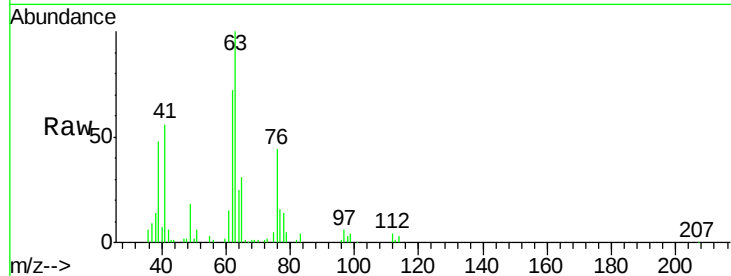
VN0519MBS01

Tot Ion: 63 Resp: 72383

Ion Ratio Lower Upper

63 100

65 31.1 25.2 37.8



#46

Dibromomethane

Concen: 19.136 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

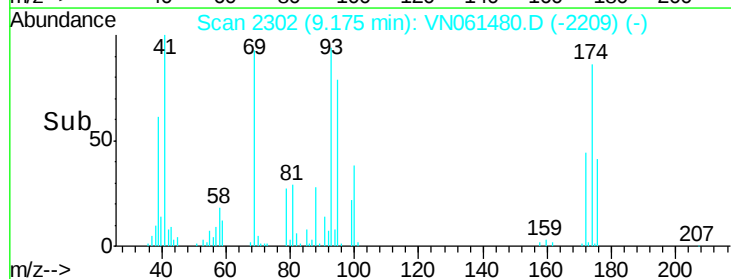
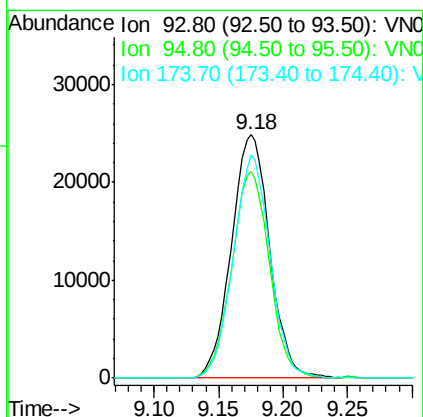
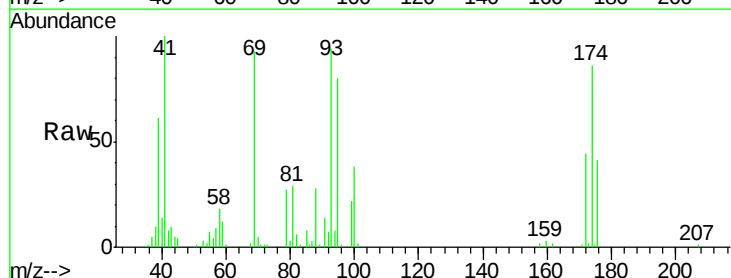
Tgt Ion: 93 Resp: 51320

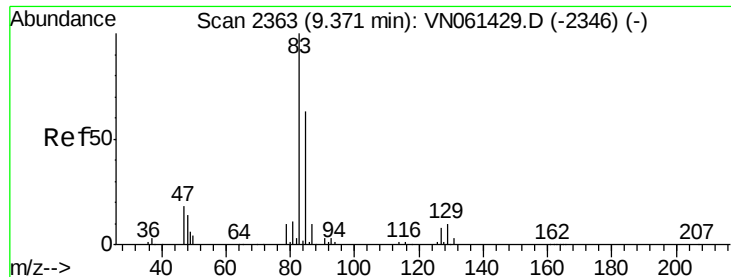
Ion Ratio Lower Upper

93 100

95 83.5 65.6 98.4

174 88.3 68.0 102.0





#47

Bromodichloromethane

Concen: 18.912 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0519MBS01

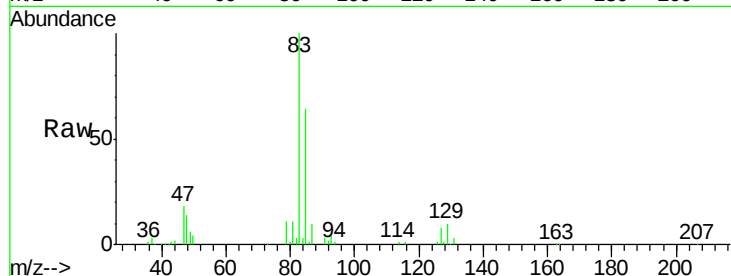
Tot Ion: 83 Resp: 106861

Ion Ratio Lower Upper

83 100

85 64.1 50.6 76.0

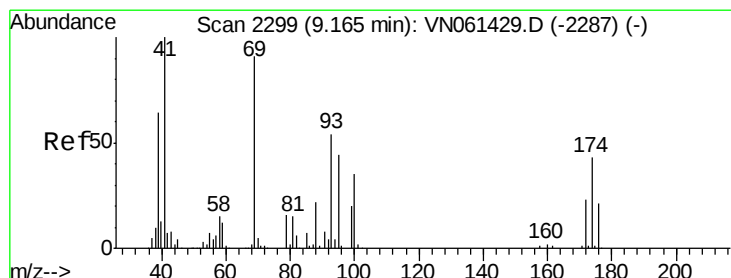
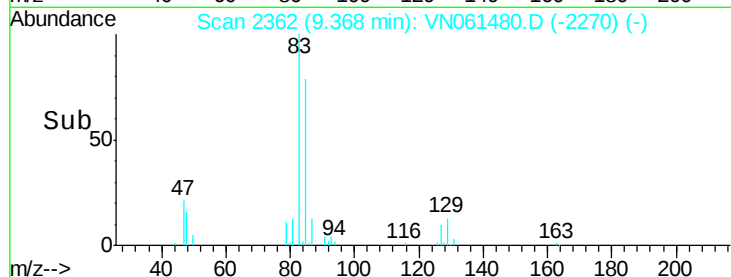
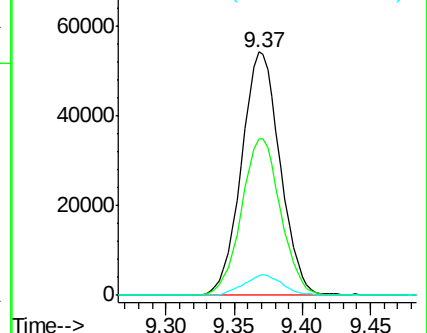
127 8.1 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VN061429.D (-2346) (-)

Ion 84.90 (84.60 to 85.60): VN061429.D (-2346) (-)

Ion 126.80 (126.50 to 127.50): VN061429.D (-2346) (-)



#48

Methyl methacrylate

Concen: 17.187 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

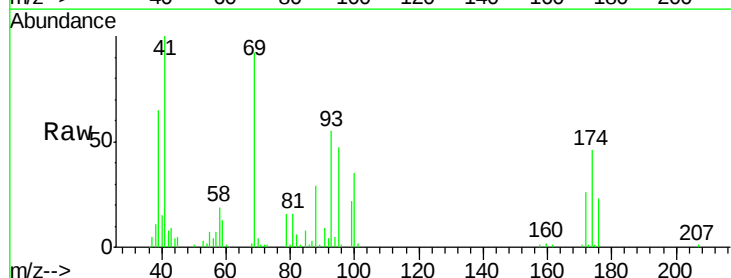
Tgt Ion: 41 Resp: 63693

Ion Ratio Lower Upper

41 100

69 97.0 75.3 112.9

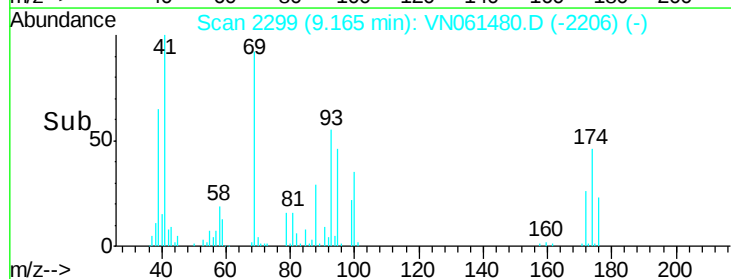
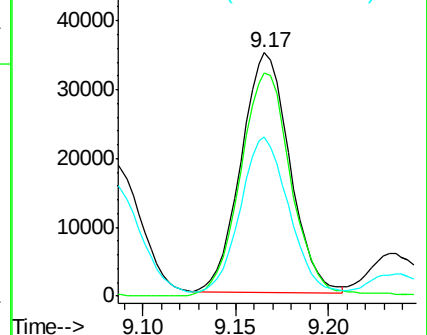
39 67.2 52.6 79.0

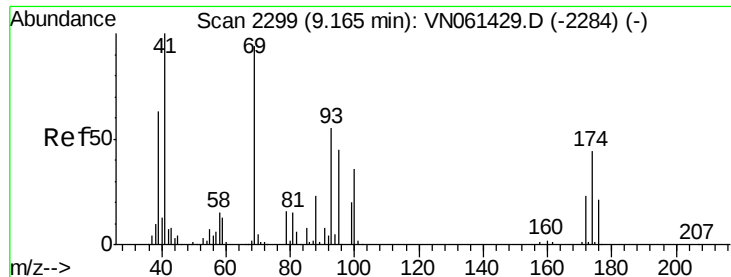


Abundance Ion 41.00 (40.70 to 41.70): VN061429.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN061429.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN061429.D (-2287) (-)

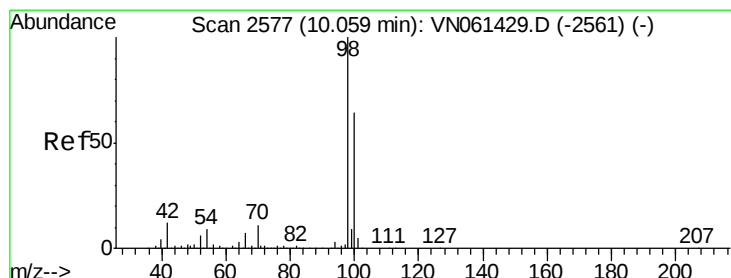
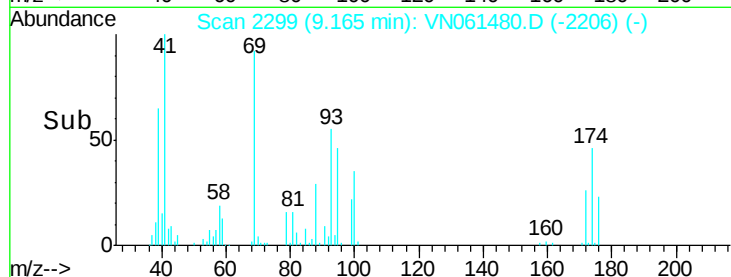
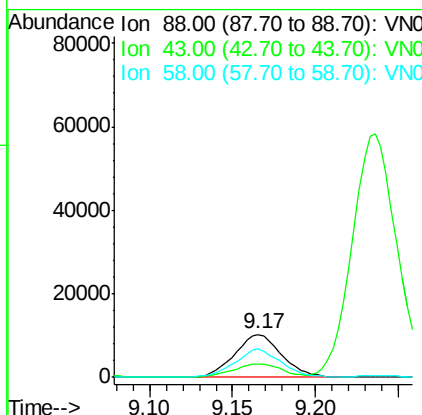
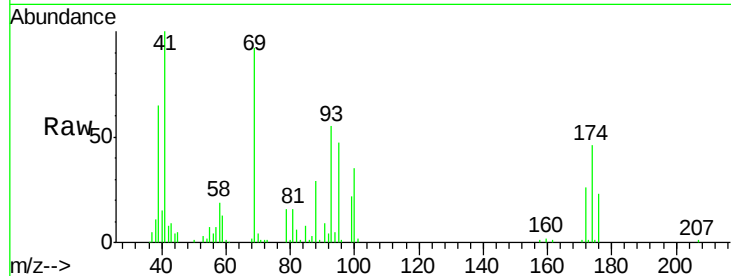




#49
 1,4-Dioxane
 Concen: 497.632 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN061480.D
 Acq: 19 May 2020 13:47

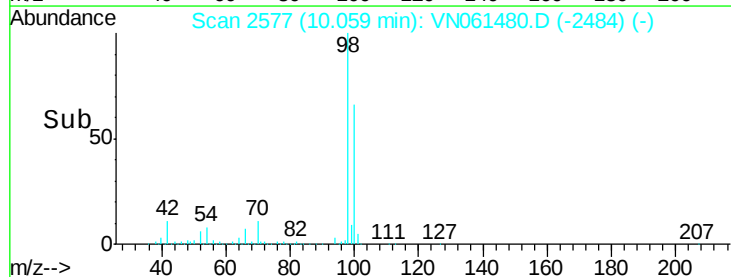
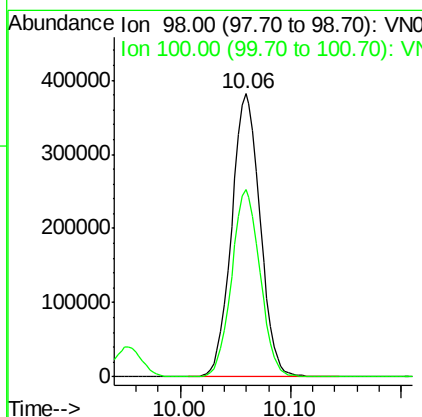
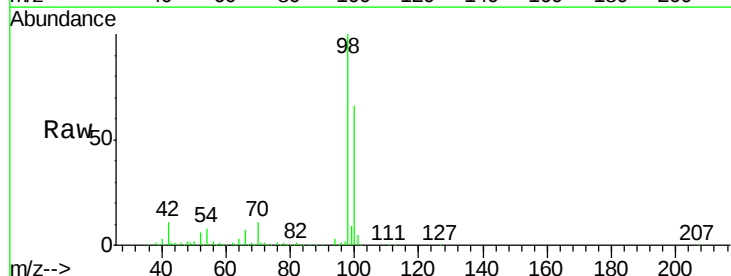
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519MBS01

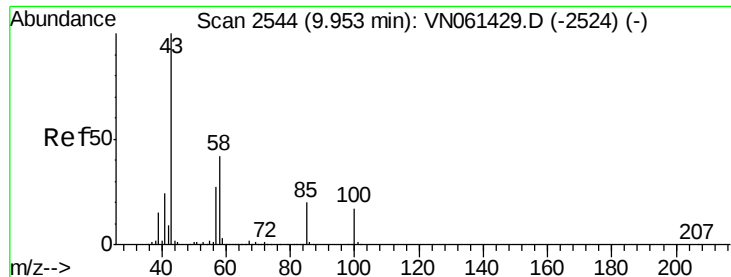
Tot Ion: 88 Resp: 20135
 Ion Ratio Lower Upper
 88 100
 43 29.7 26.3 39.5
 58 65.4 54.1 81.1



#50
 Toluene-d8
 Concen: 51.946 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061480.D
 Acq: 19 May 2020 13:47

Tgt Ion: 98 Resp: 684614
 Ion Ratio Lower Upper
 98 100
 100 65.6 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 92.213 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

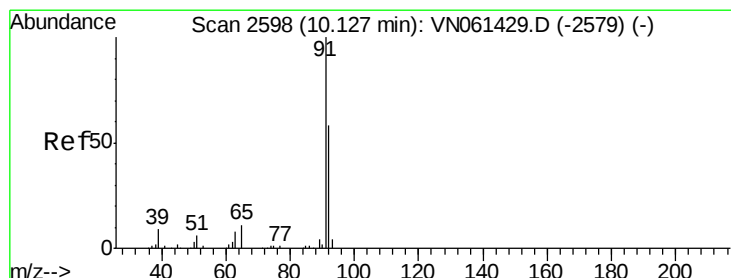
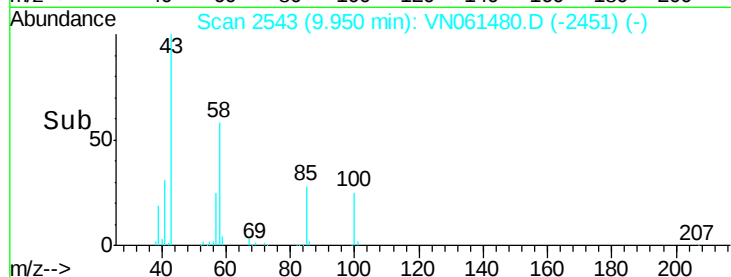
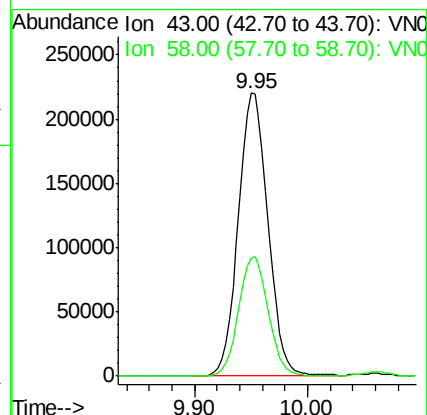
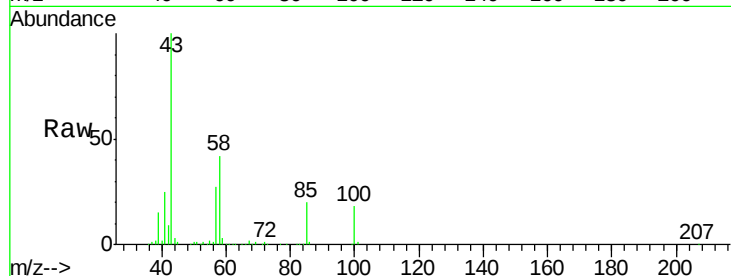
VN0519MBS01

Tot Ion: 43 Resp: 402973

Ion Ratio Lower Upper

43 100

58 42.2 33.4 50.2



#52

Toluene

Concen: 19.665 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061480.D

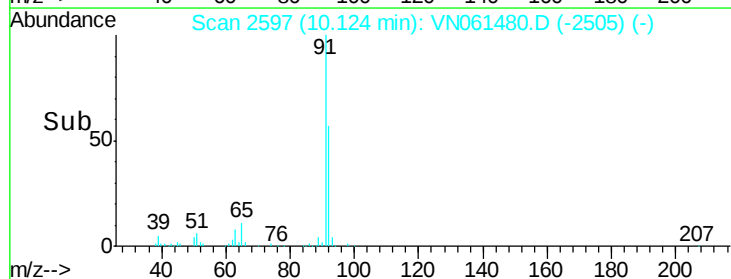
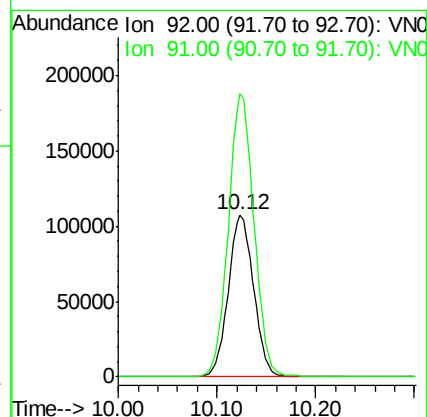
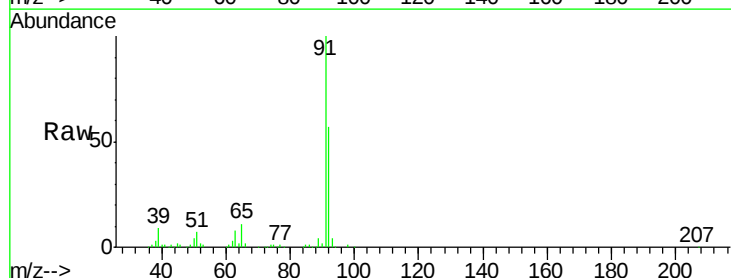
Acq: 19 May 2020 13:47

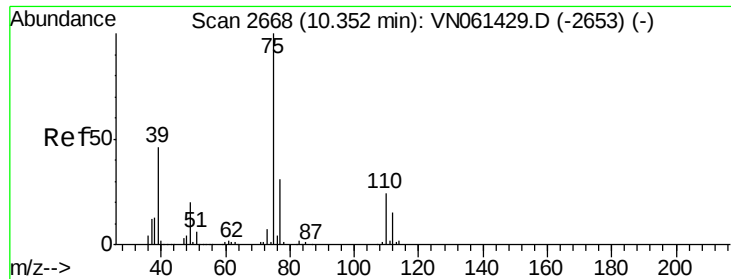
Tgt Ion: 92 Resp: 192966

Ion Ratio Lower Upper

92 100

91 176.1 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 19.094 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

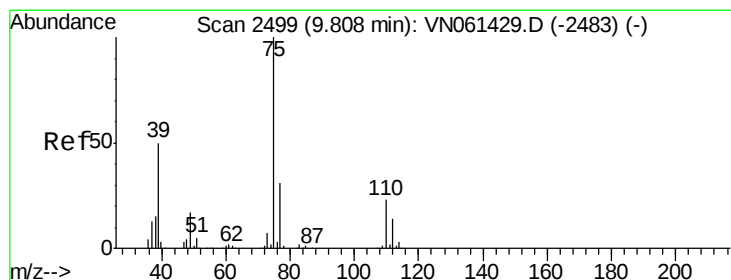
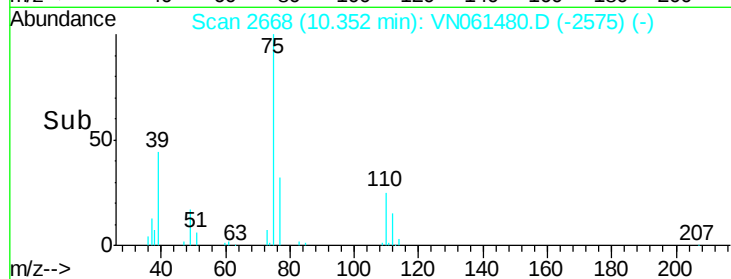
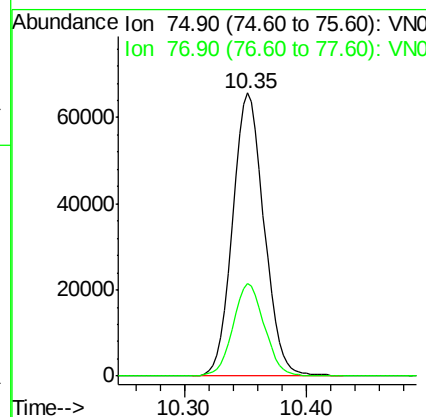
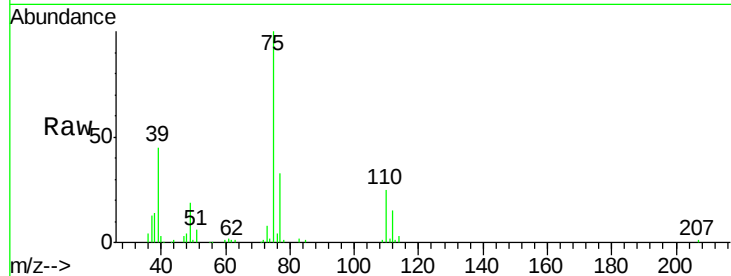
VN0519MBS01

Tot Ion: 75 Resp: 118255

Ion Ratio Lower Upper

75 100

77 32.6 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 18.932 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

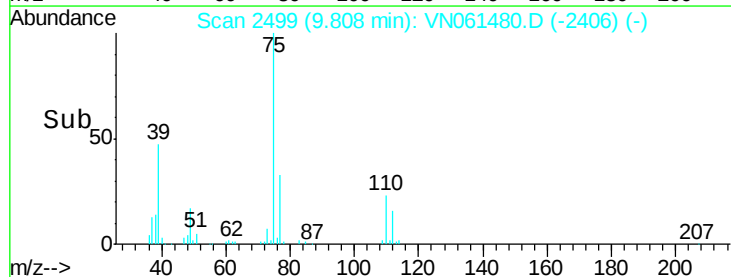
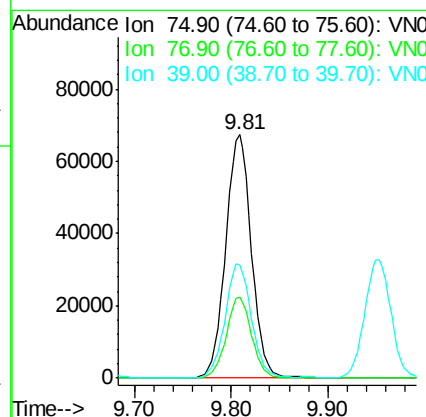
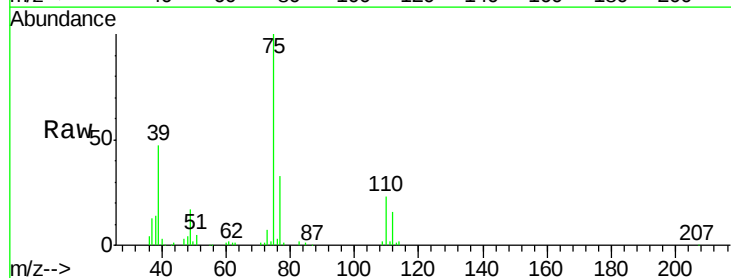
Tgt Ion: 75 Resp: 124638

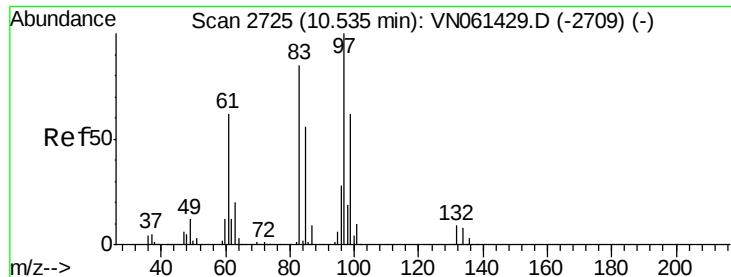
Ion Ratio Lower Upper

75 100

77 33.2 24.8 37.2

39 46.5 39.8 59.6





#55

1,1,2-Trichloroethane

Concen: 19.771 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0519MBS01

Tot Ion: 97 Resp: 73345

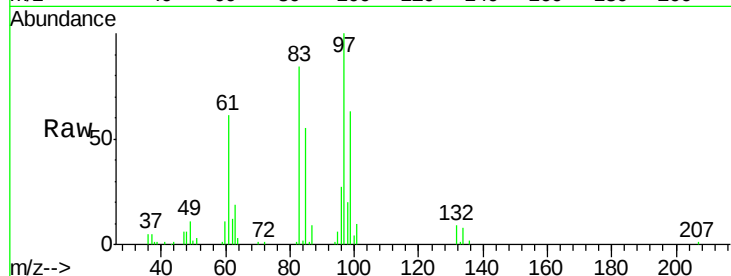
Ion Ratio Lower Upper

97 100

83 84.2 68.2 102.4

85 55.4 44.6 67.0

99 63.2 49.5 74.3



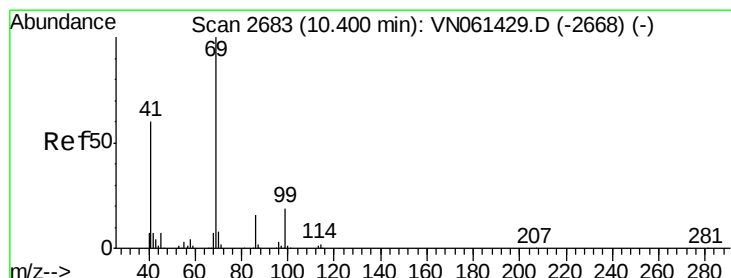
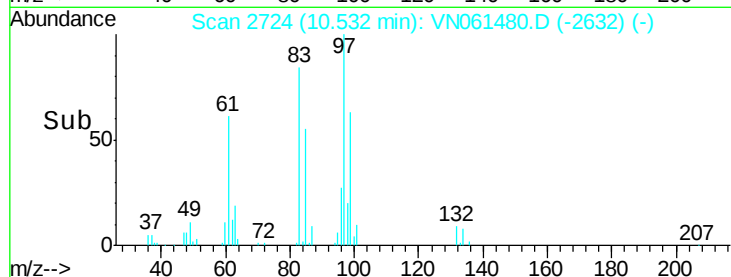
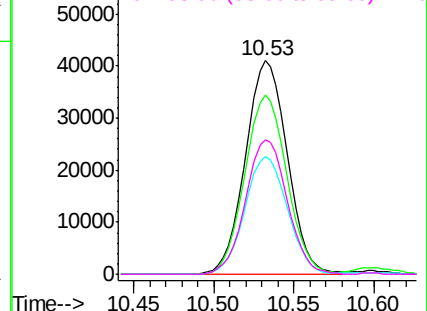
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.044 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

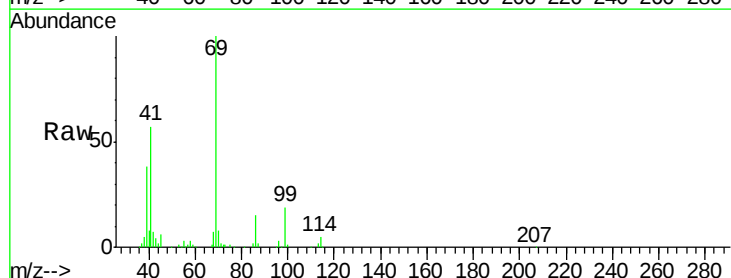
Tgt Ion: 69 Resp: 110453

Ion Ratio Lower Upper

69 100

41 58.7 48.3 72.5

39 38.0 30.2 45.2

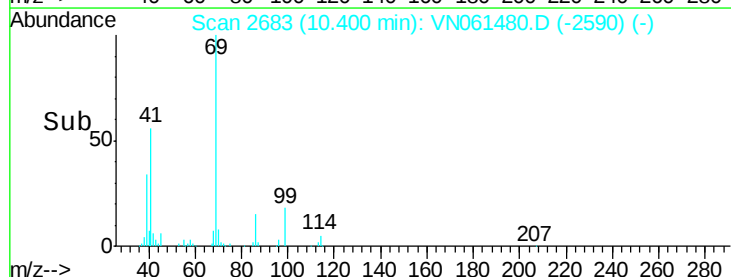
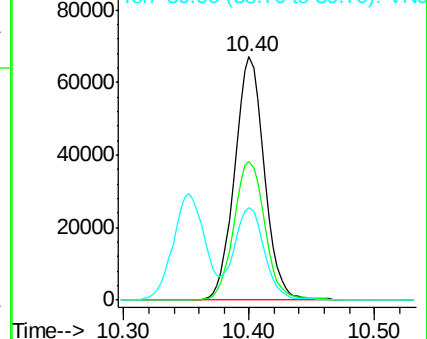


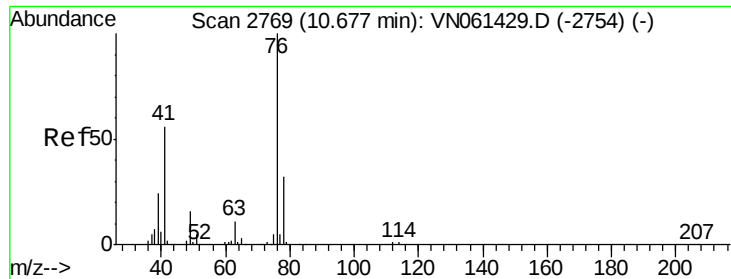
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.638 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

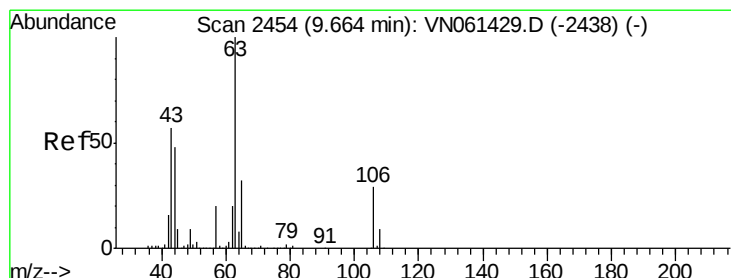
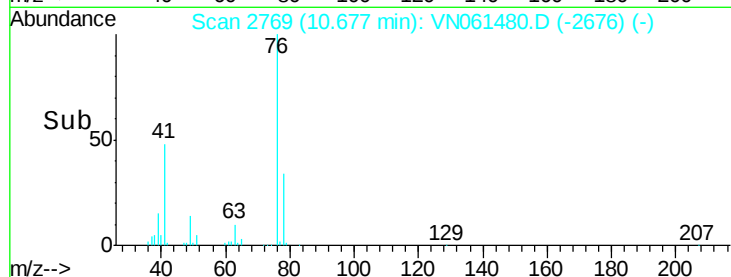
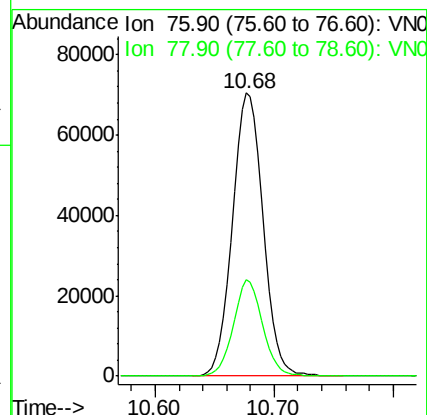
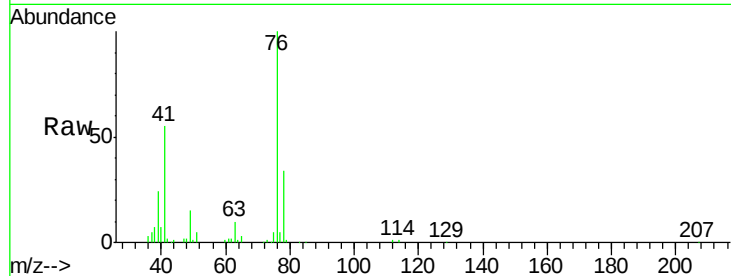
VN0519MBS01

Tot Ion: 76 Resp: 125904

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 93.173 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061480.D

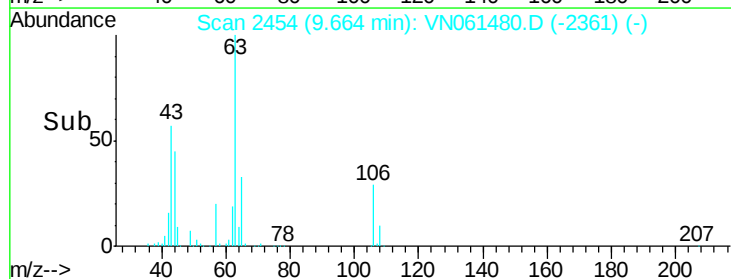
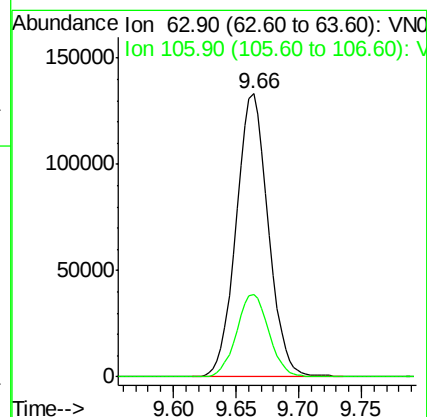
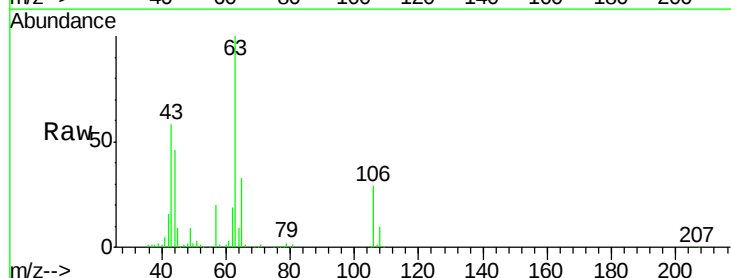
Acq: 19 May 2020 13:47

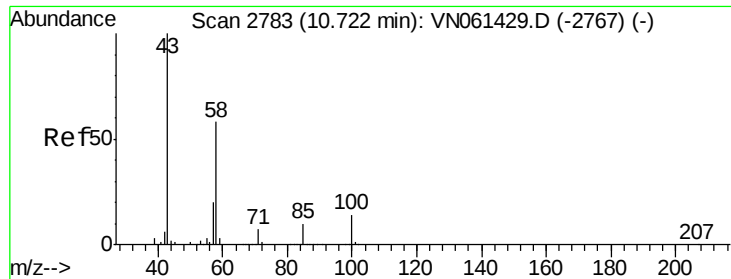
Tgt Ion: 63 Resp: 237197

Ion Ratio Lower Upper

63 100

106 29.4 22.7 34.1

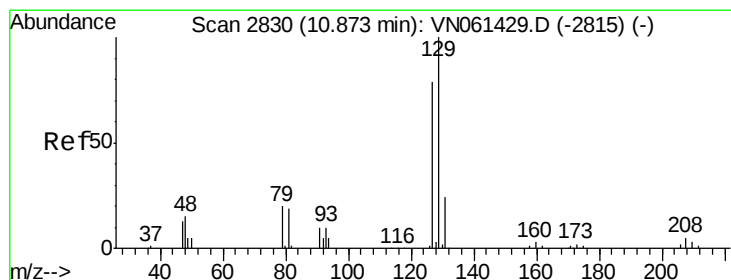
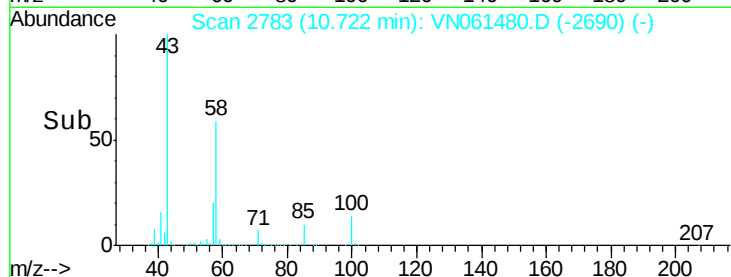
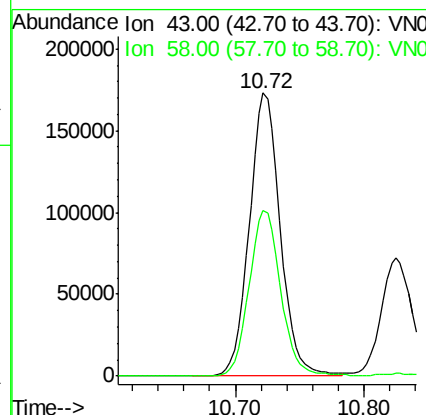
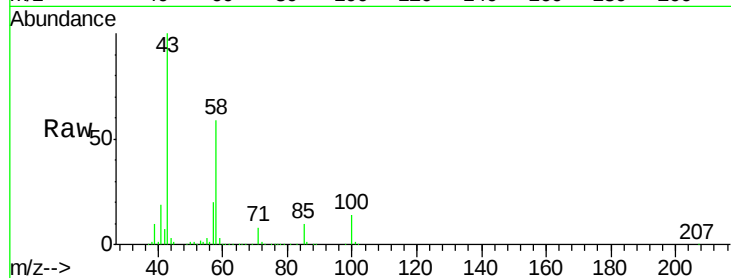




#59
2-Hexanone
Concen: 91.574 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

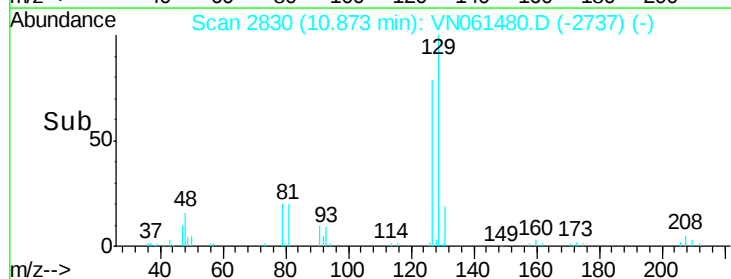
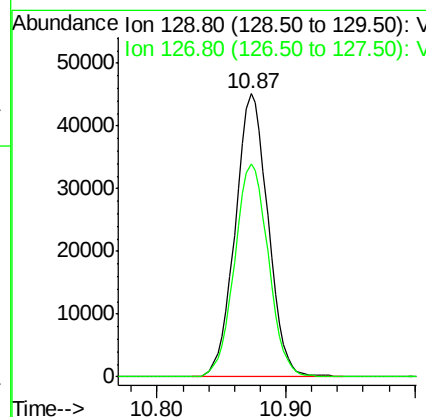
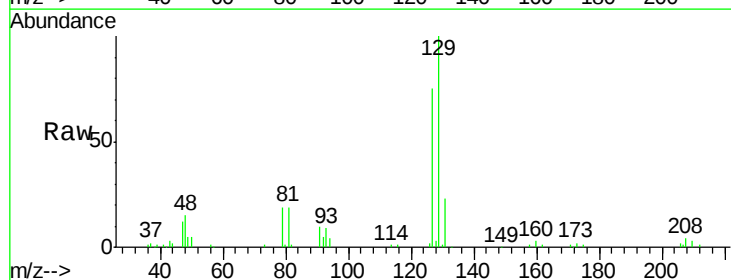
Instrument :
MSVOA_N
ClientSampleId :
VN0519MBS01

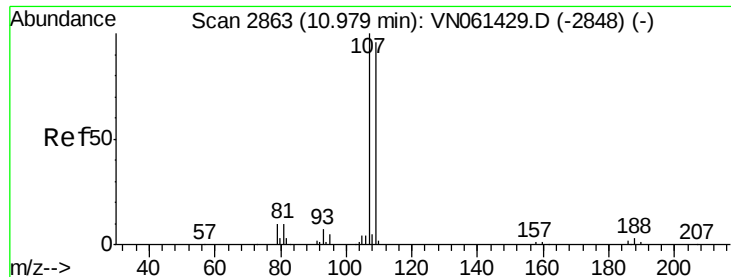
Tot Ion: 43 Resp: 289526
Ion Ratio Lower Upper
43 100
58 59.9 29.2 87.6



#60
Dibromochloromethane
Concen: 19.476 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

Tgt Ion: 129 Resp: 79921
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.3

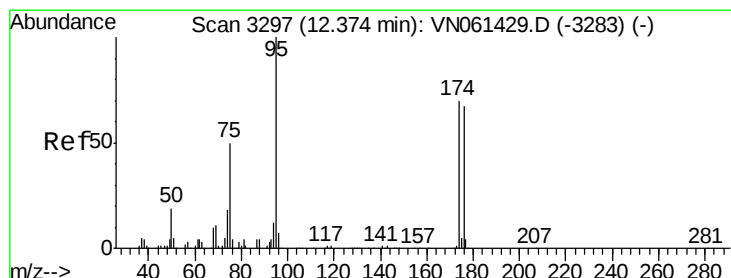
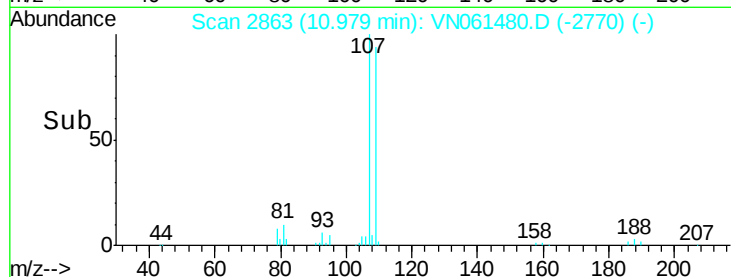
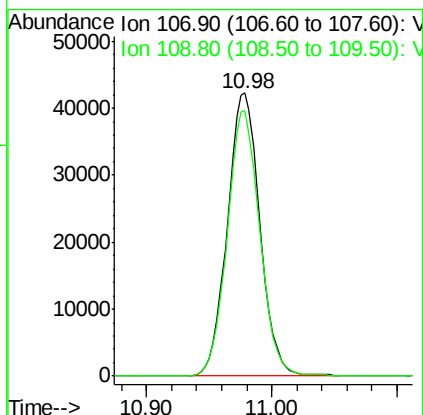
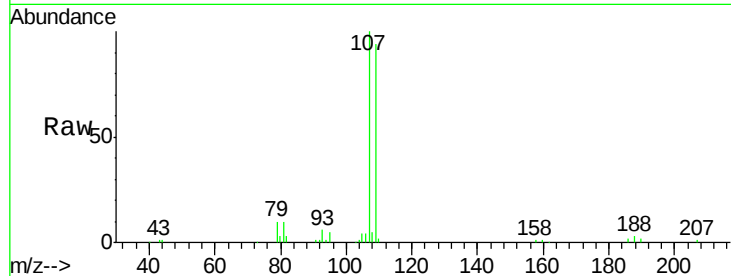




#61
 1,2-Dibromoethane
 Concen: 19.499 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN061480.D
 Acq: 19 May 2020 13:47

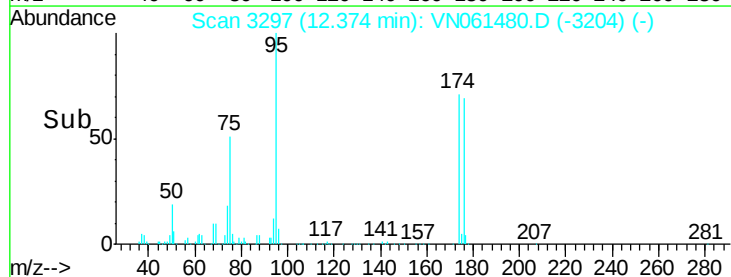
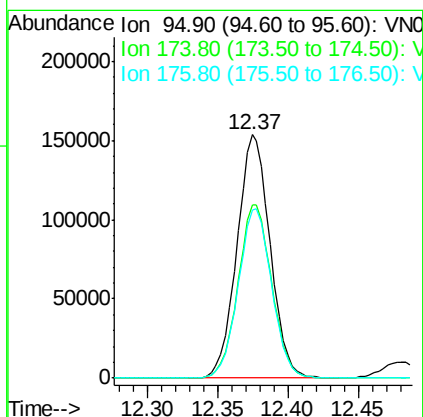
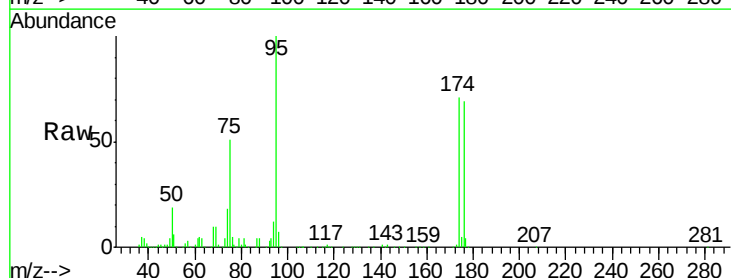
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519MBS01

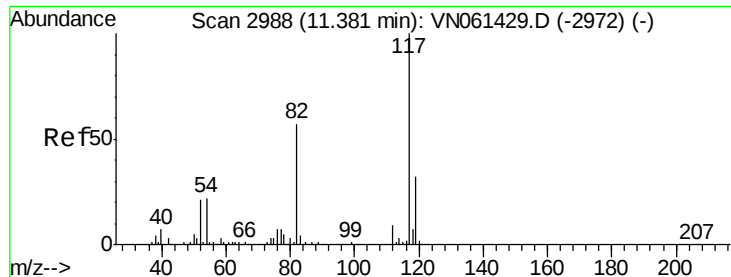
Tot Ion:107 Resp: 76057
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 51.396 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VN061480.D
 Acq: 19 May 2020 13:47

Tgt Ion: 95 Resp: 253069
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 141.2
 176 70.4 0.0 137.6

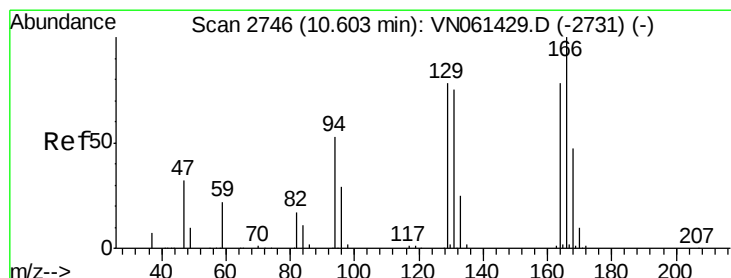
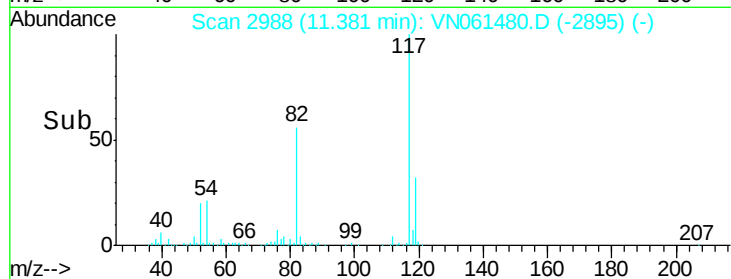
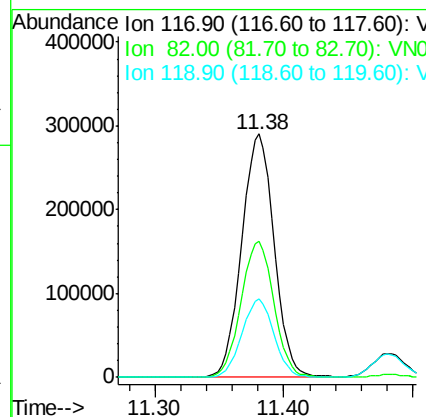
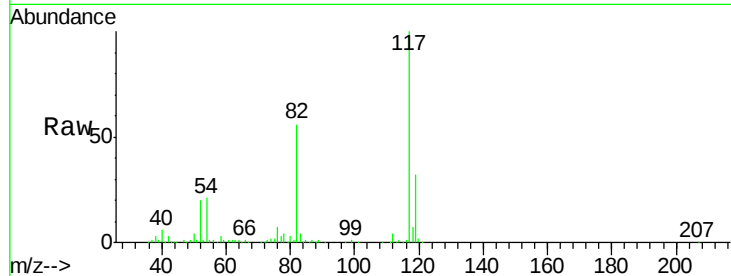




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

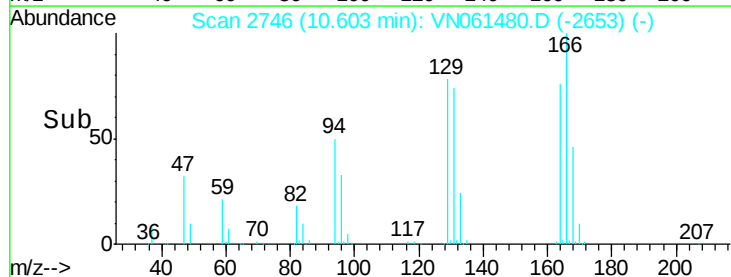
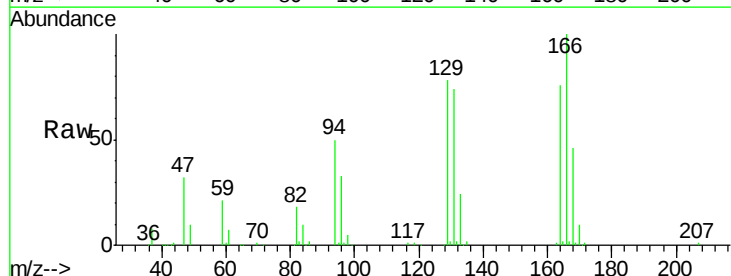
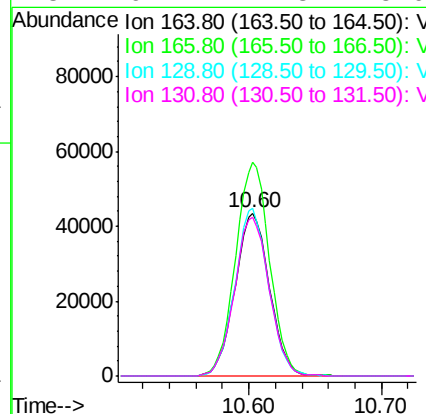
Instrument :
MSVOA_N
ClientSampleId :
VN0519MBS01

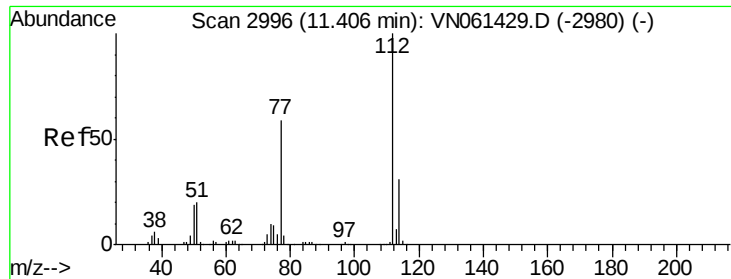
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.2	67.8
119	32.0	25.3	37.9



#64
Tetrachloroethene
Concen: 19.886 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.2	103.2	154.8
129	102.6	81.0	121.4
131	97.4	77.3	115.9





#65

Chlorobenzene

Concen: 19.493 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampled :

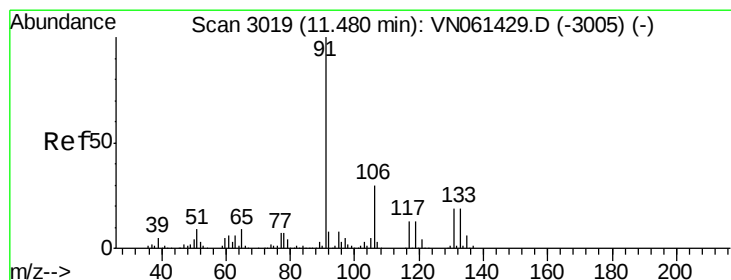
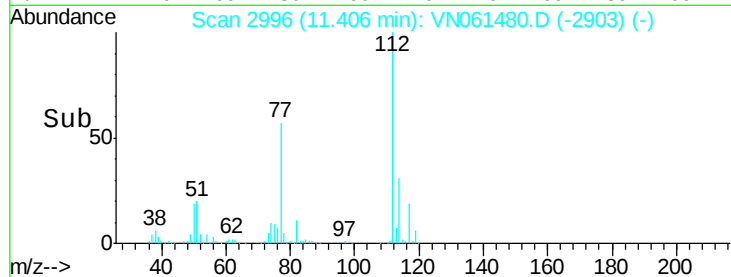
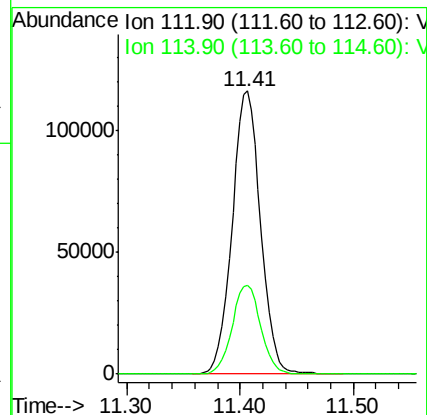
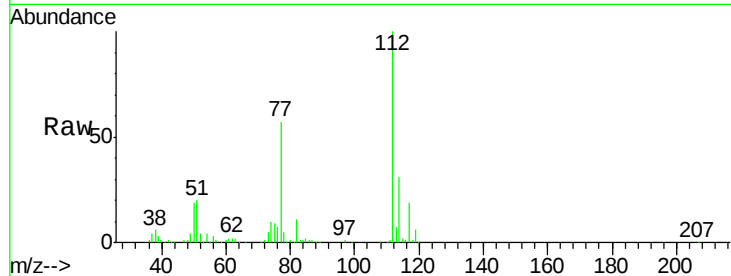
VN0519MBS01

Tot Ion:112 Resp: 202499

Ion Ratio Lower Upper

112 100

114 31.4 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.784 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

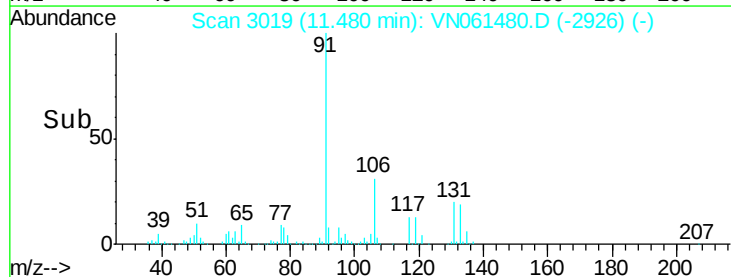
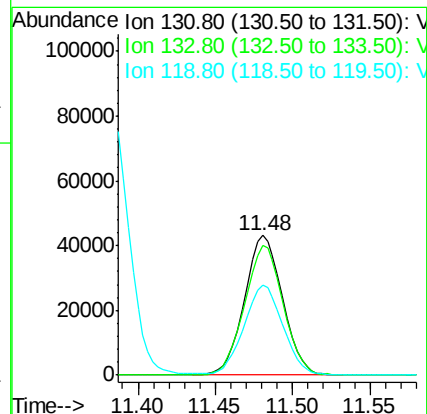
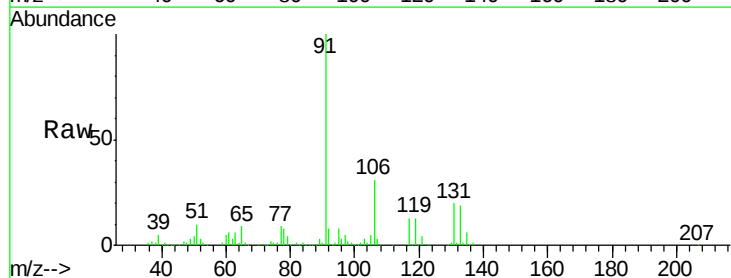
Tgt Ion:131 Resp: 73680

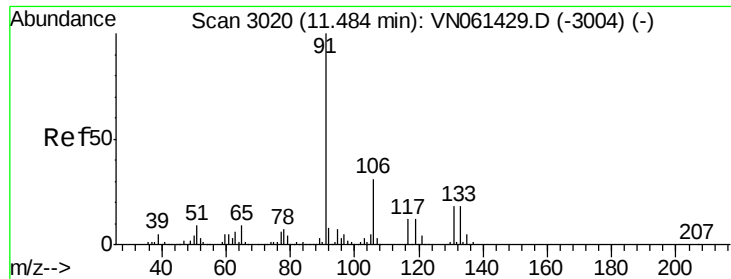
Ion Ratio Lower Upper

131 100

133 94.4 48.7 146.1

119 66.3 33.8 101.3

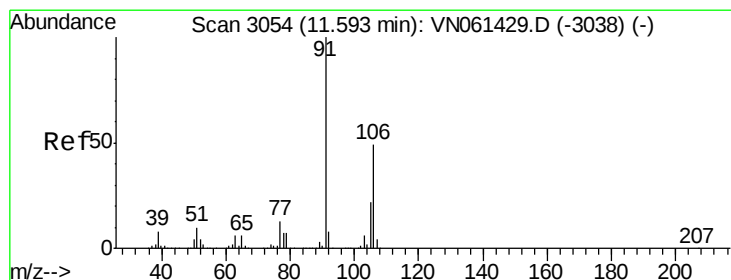
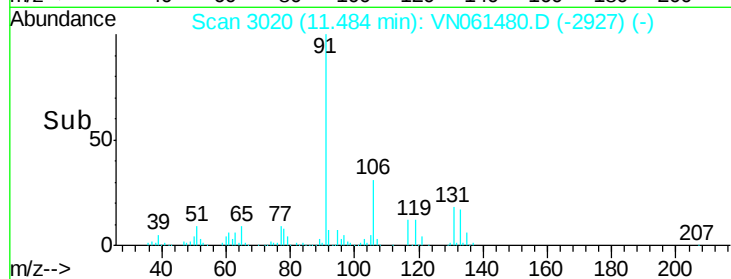
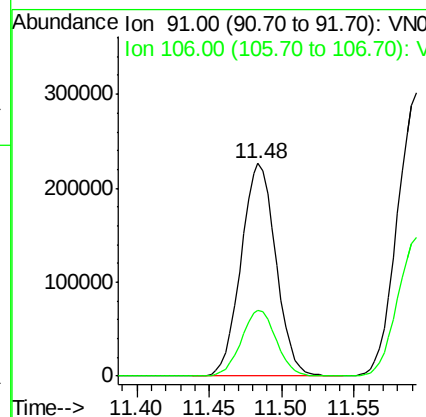
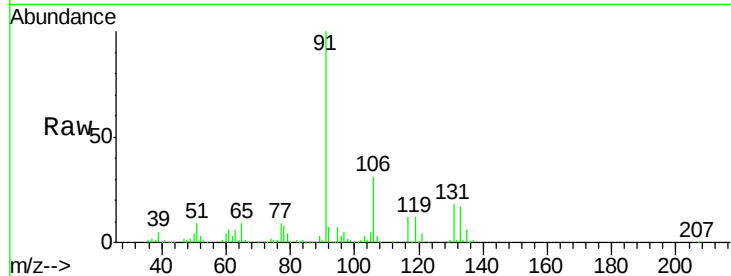




#67
Ethyl Benzene
Concen: 19.908 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

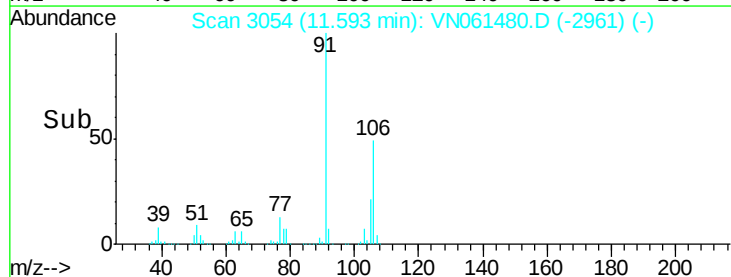
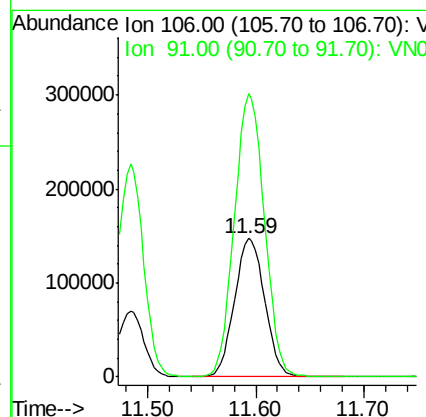
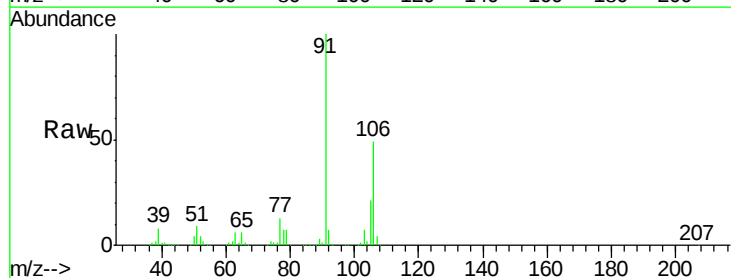
Instrument :
MSVOA_N
ClientSampled :
VN0519MBS01

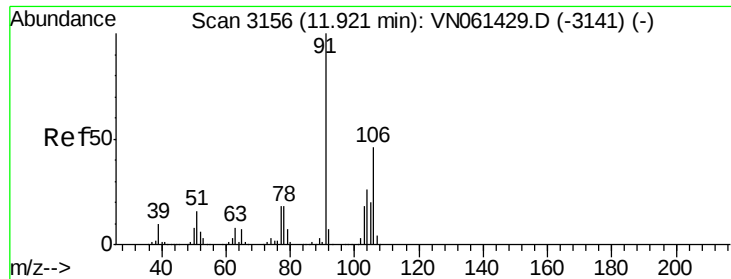
Tot Ion: 91 Resp: 377515
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 39.893 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

Tgt Ion: 106 Resp: 287143
Ion Ratio Lower Upper
106 100
91 203.4 163.0 244.6

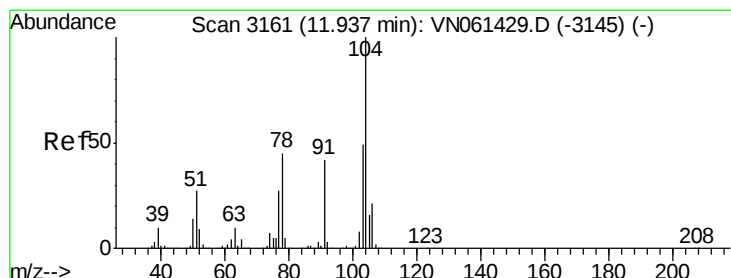
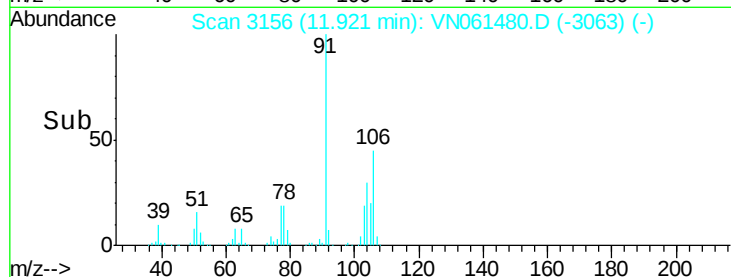
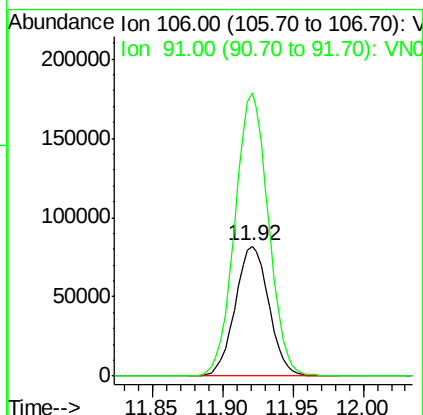
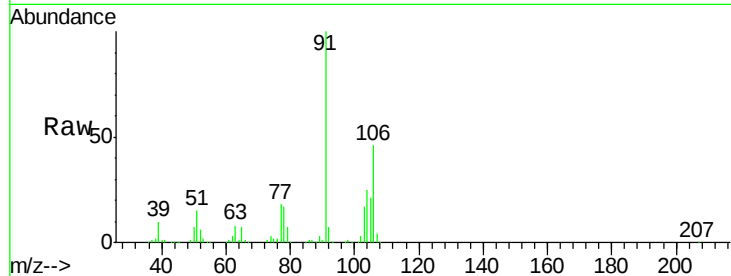




#69
o-Xylene
Concen: 19.746 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

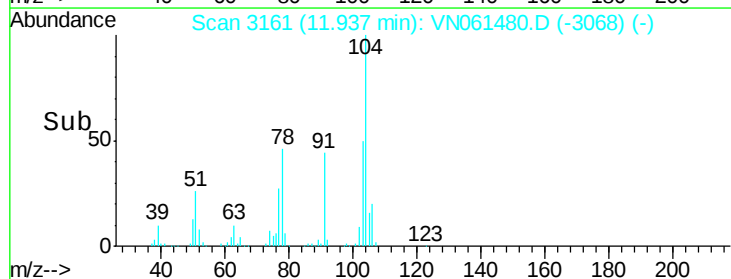
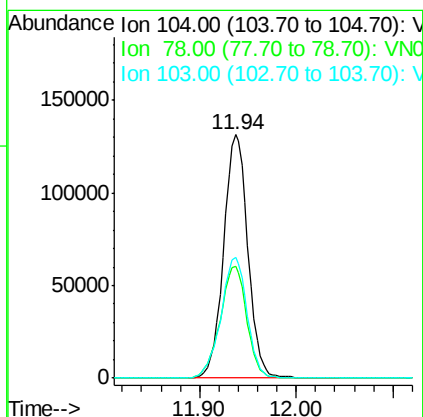
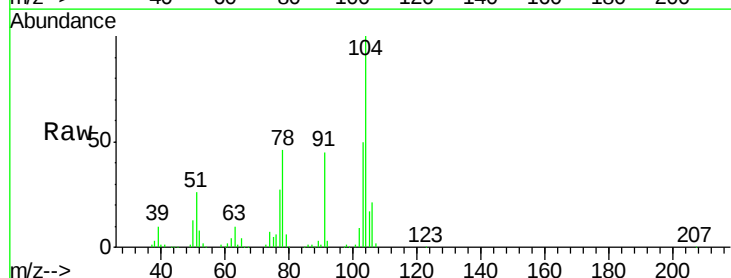
Instrument :
MSVOA_N
ClientSampleId :
VN0519MBS01

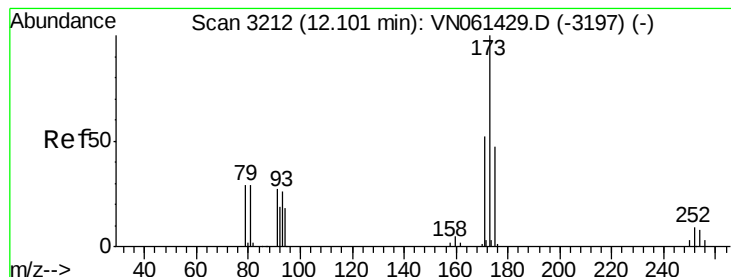
Tot Ion:106 Resp: 137541
Ion Ratio Lower Upper
106 100
91 216.5 107.9 323.7



#70
Styrene
Concen: 19.811 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

Tgt Ion:104 Resp: 228514
Ion Ratio Lower Upper
104 100
78 50.2 40.7 61.1
103 53.5 43.0 64.4





#71

Bromoform

Concen: 18.592 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0519MBS01

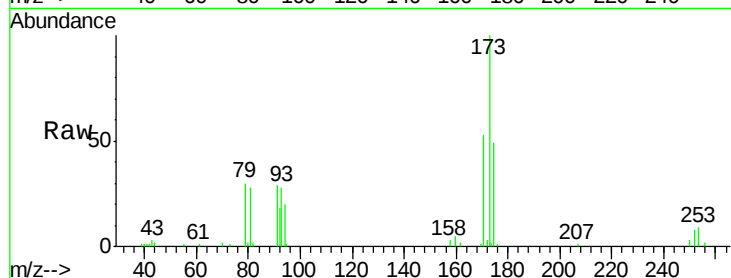
Tot Ion:173 Resp: 50013

Ion Ratio Lower Upper

173 100

175 49.0 23.9 71.8

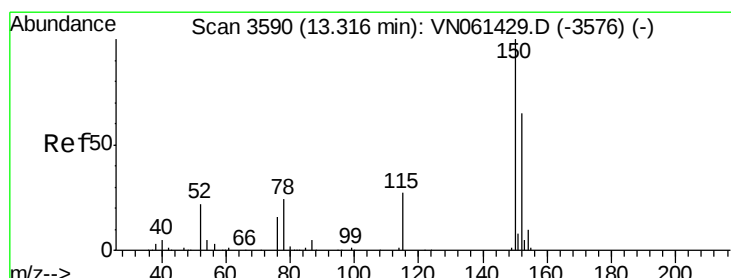
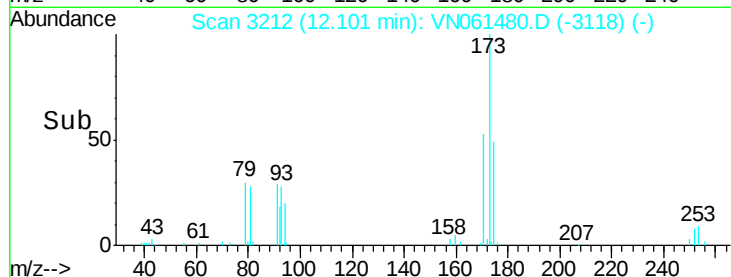
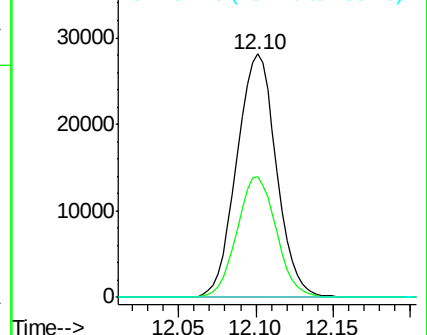
254 0.0 0.0 0.0



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: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

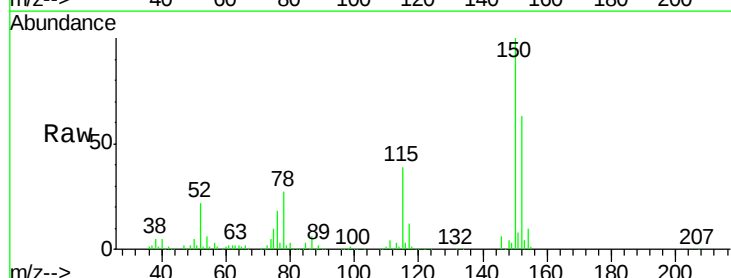
Tgt Ion:152 Resp: 236488

Ion Ratio Lower Upper

152 100

115 61.2 30.9 92.5

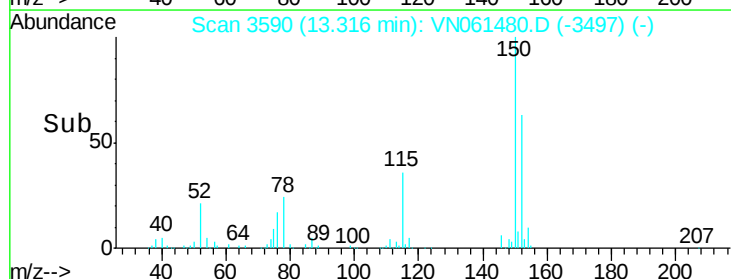
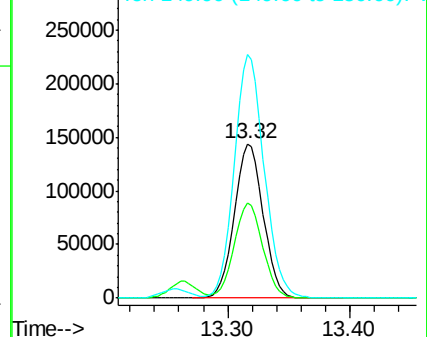
150 164.1 0.0 349.2

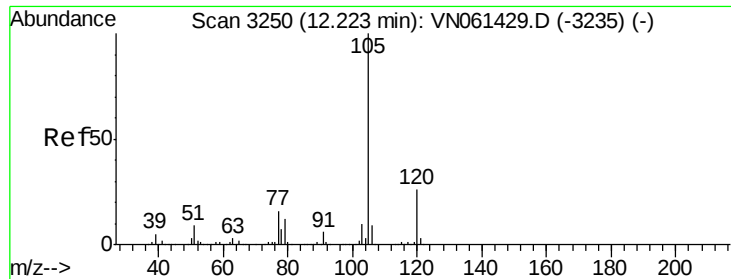


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.190 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

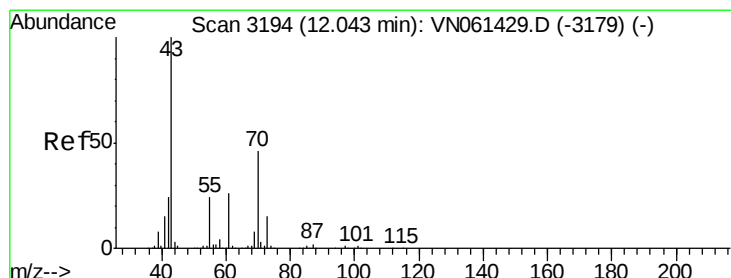
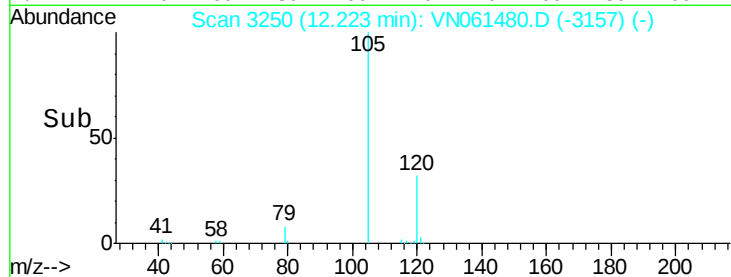
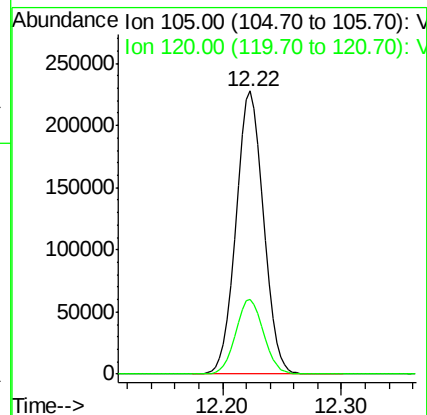
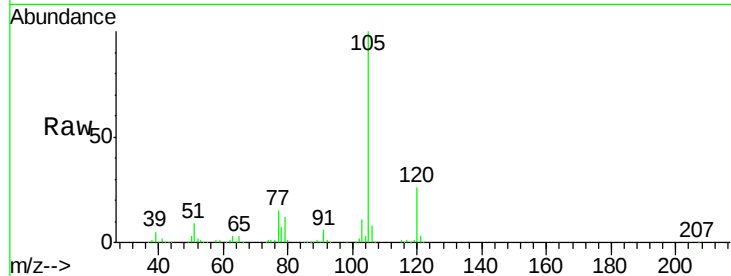
VN0519MBS01

Tot Ion:105 Resp: 364323

Ion Ratio Lower Upper

105 100

120 26.8 13.0 39.0



#74

N-ethyl acetate

Concen: 17.544 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Tgt Ion: 43 Resp: 121913

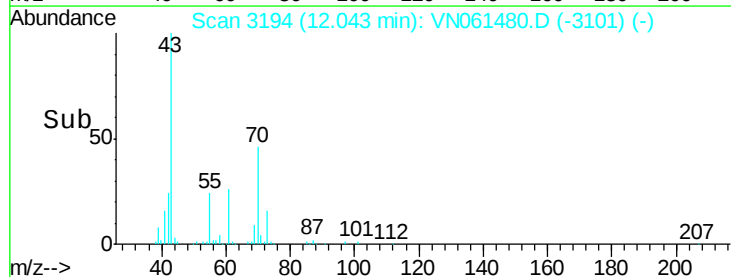
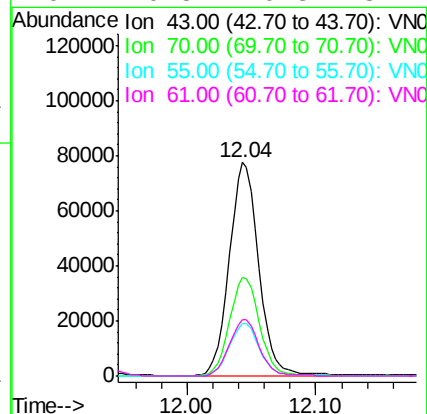
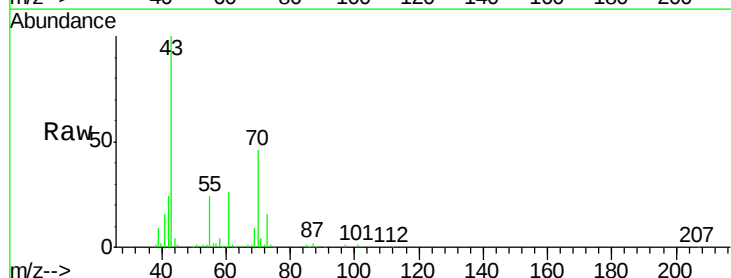
Ion Ratio Lower Upper

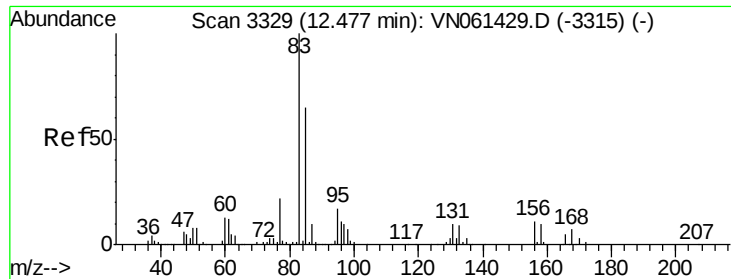
43 100

70 47.3 37.0 55.4

55 25.8 19.5 29.3

61 26.8 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.516 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0519MBS01

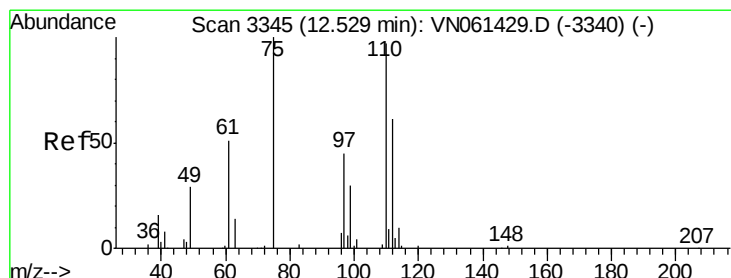
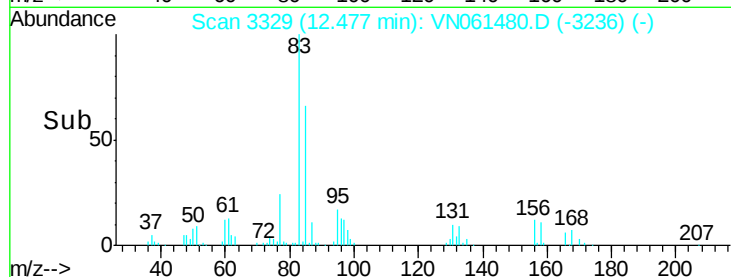
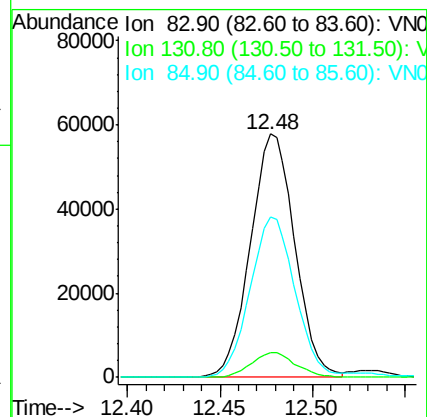
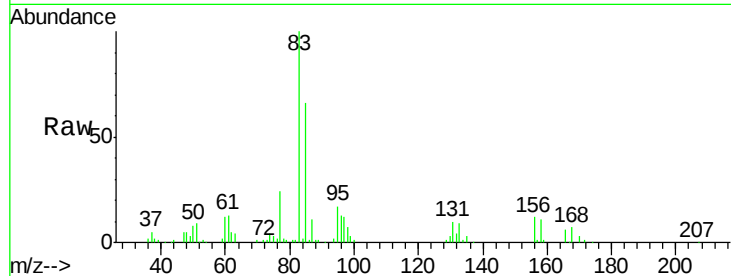
Tot Ion: 83 Resp: 96714

Ion Ratio Lower Upper

83 100

131 10.2 4.8 14.4

85 66.6 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 25.491 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN061480.D

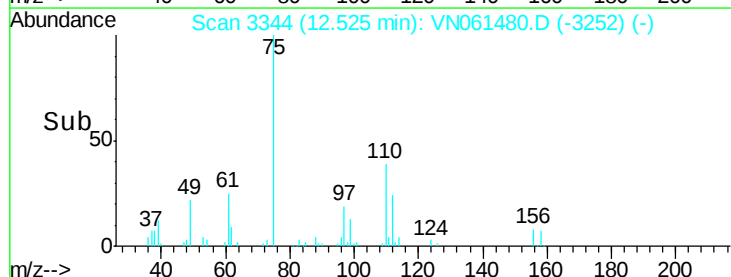
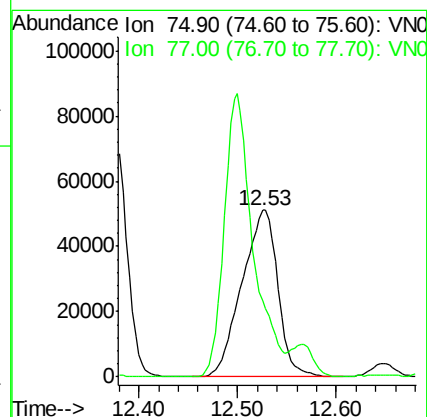
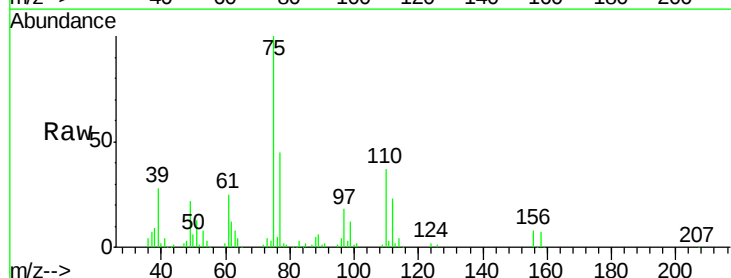
Acq: 19 May 2020 13:47

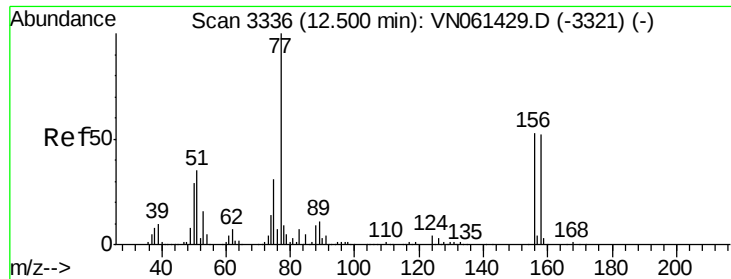
Tgt Ion: 75 Resp: 129351

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.828 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampled :

VN0519MBS01

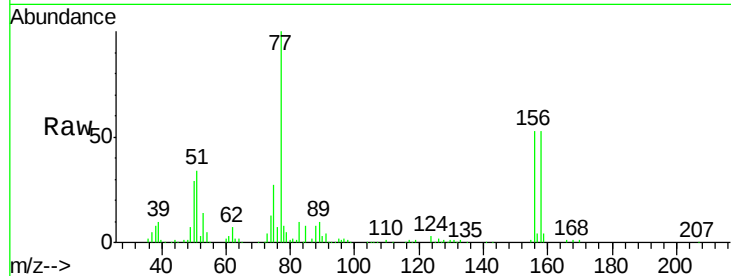
Tot Ion:156 Resp: 81696

Ion Ratio Lower Upper

156 100

77 218.8 112.3 336.9

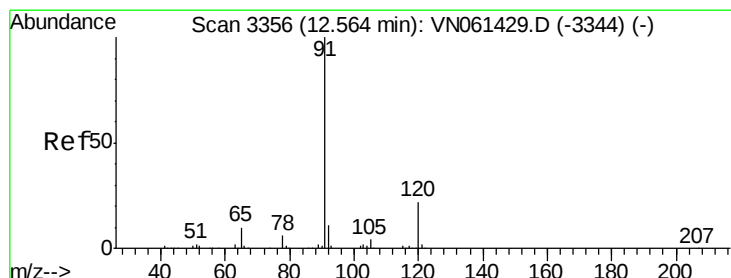
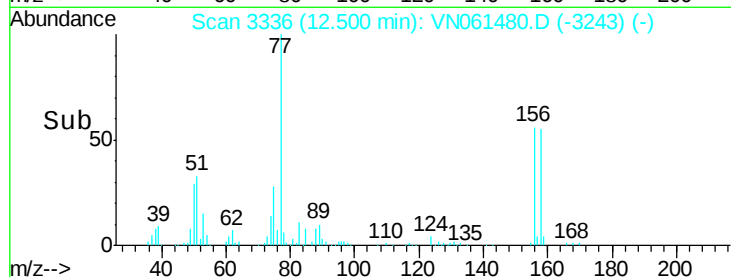
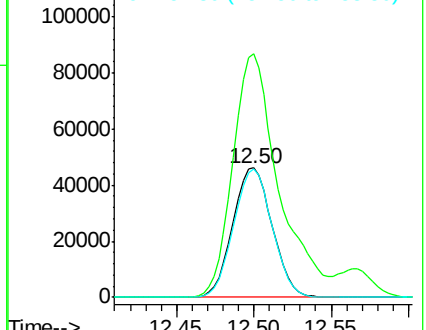
158 97.1 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.369 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN061480.D

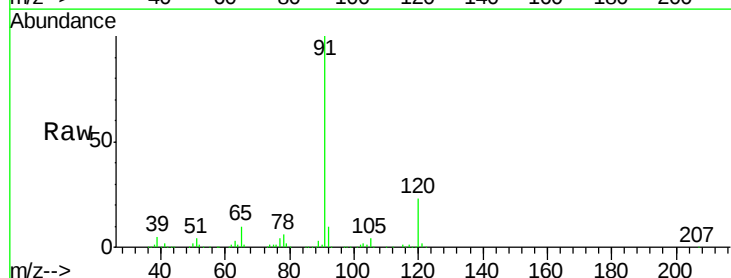
Acq: 19 May 2020 13:47

Tgt Ion: 91 Resp: 418973

Ion Ratio Lower Upper

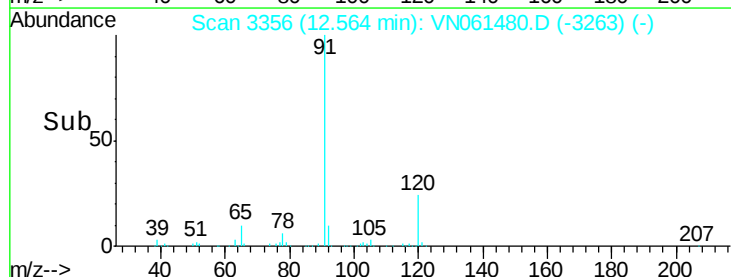
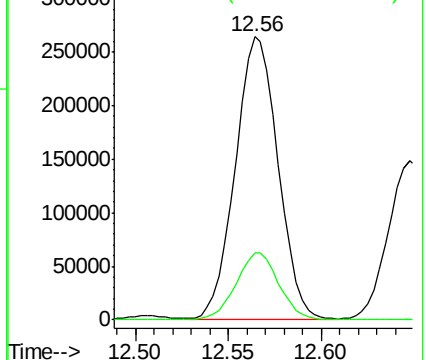
91 100

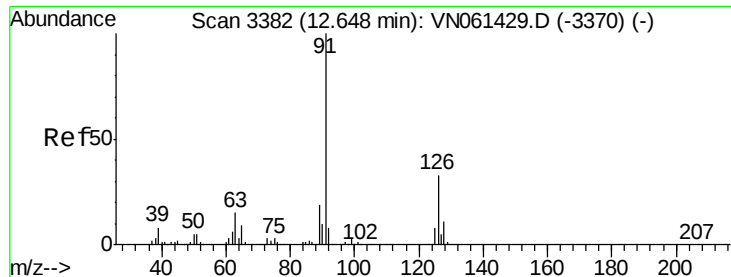
120 23.7 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.170 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampled :

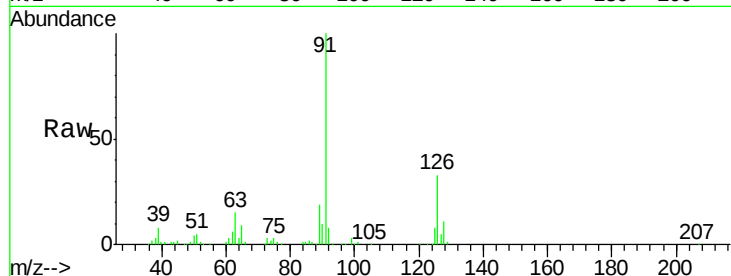
VN0519MBS01

Tot Ion: 91 Resp: 245108

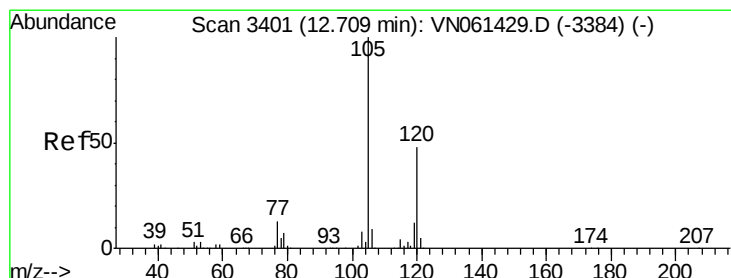
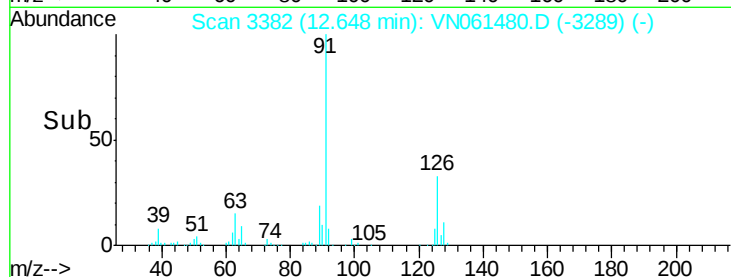
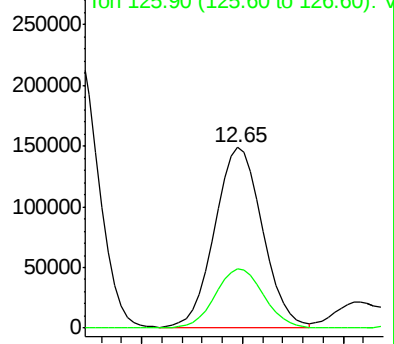
Ion Ratio Lower Upper

91 100

126 33.7 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN061429.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.629 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061480.D

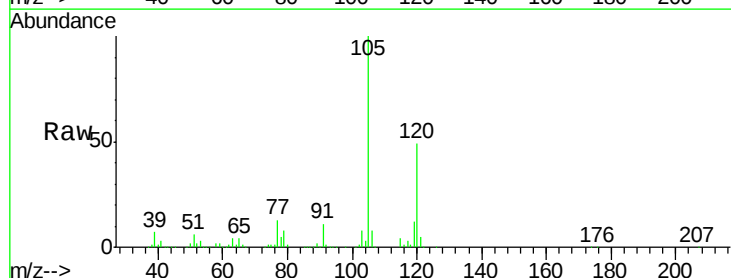
Acq: 19 May 2020 13:47

Tgt Ion: 105 Resp: 305133

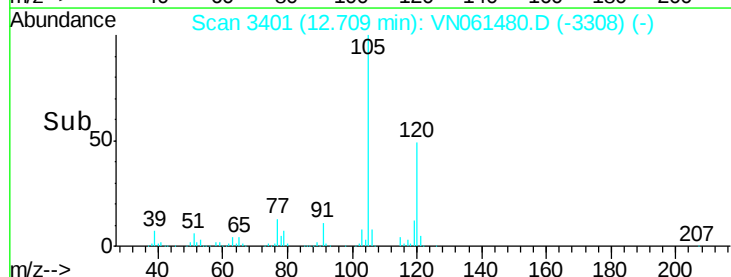
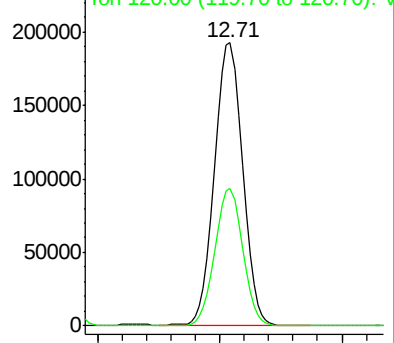
Ion Ratio Lower Upper

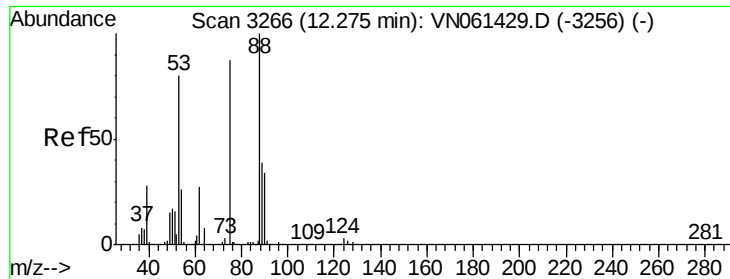
105 100

120 48.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN061429.D (-3384) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.071 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0519MBS01

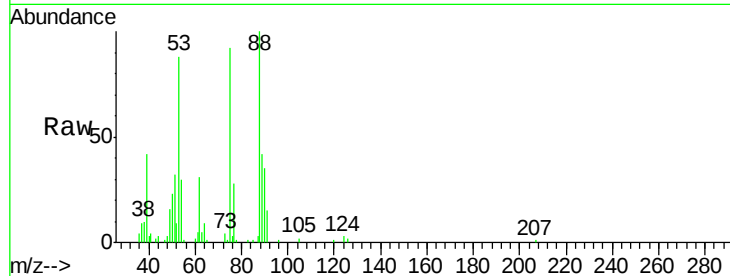
Tot Ion: 75 Resp: 32655

Ion Ratio Lower Upper

75 100

53 98.4 75.2 112.8

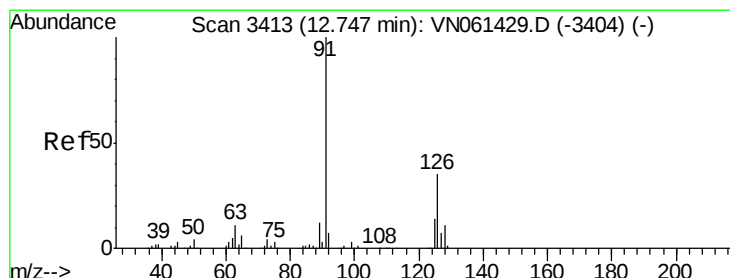
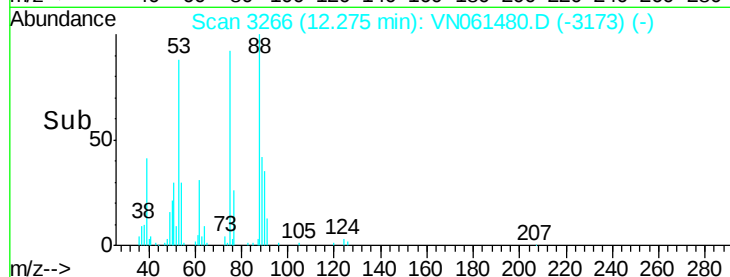
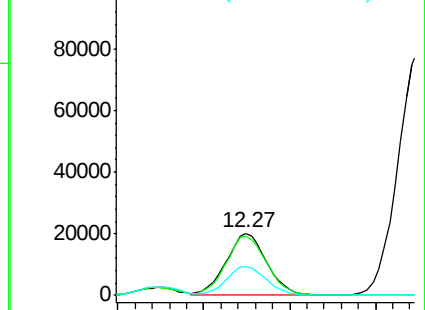
89 46.9 38.2 57.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.306 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061480.D

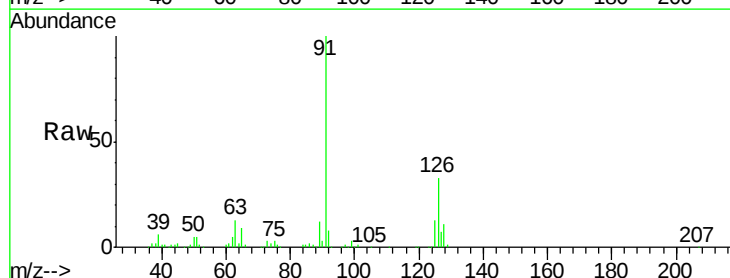
Acq: 19 May 2020 13:47

Tgt Ion: 91 Resp: 255596

Ion Ratio Lower Upper

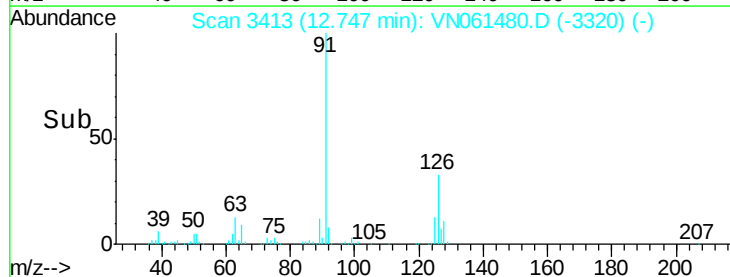
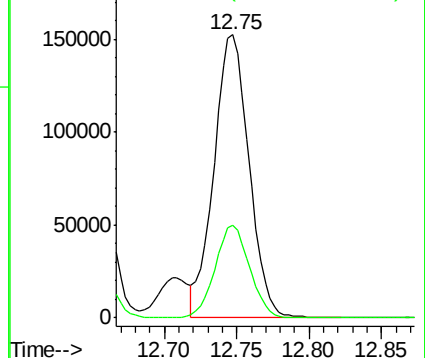
91 100

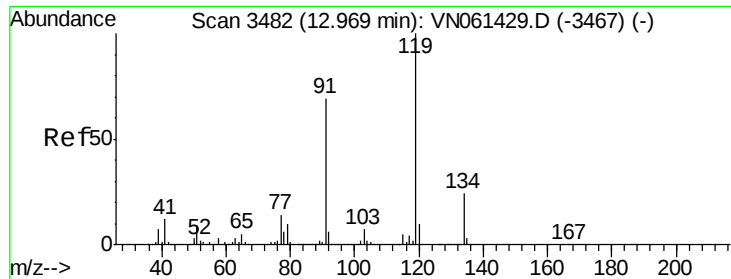
126 32.4 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

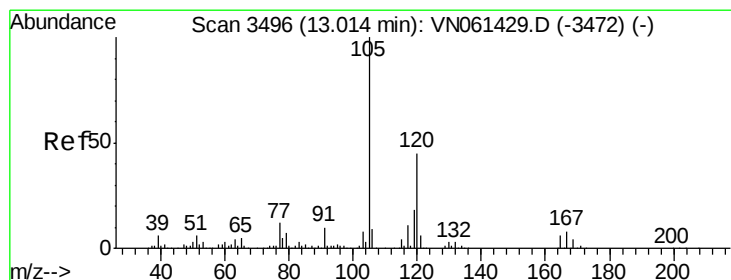
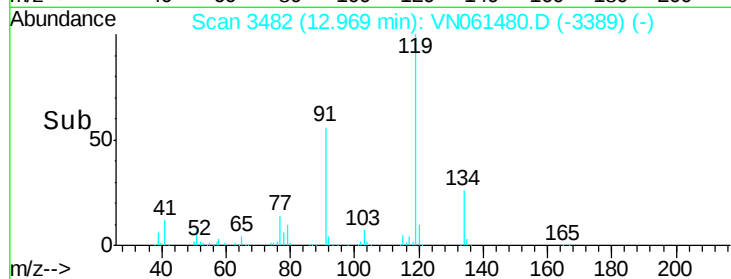
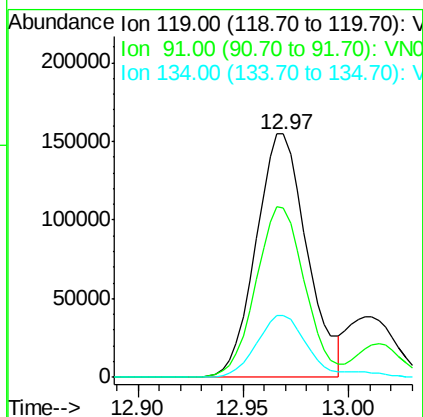
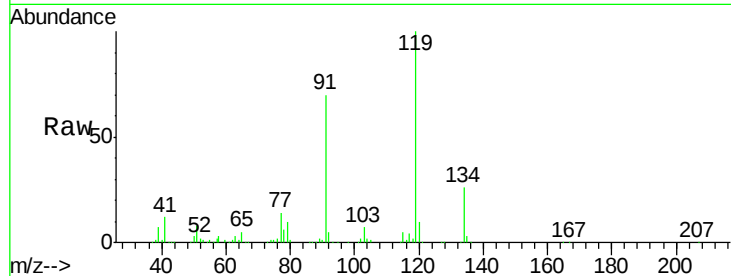




#83
 tert-Butylbenzene
 Concen: 19.547 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061480.D
 Acq: 19 May 2020 13:47

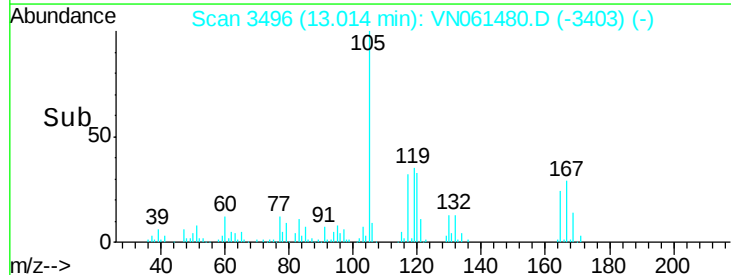
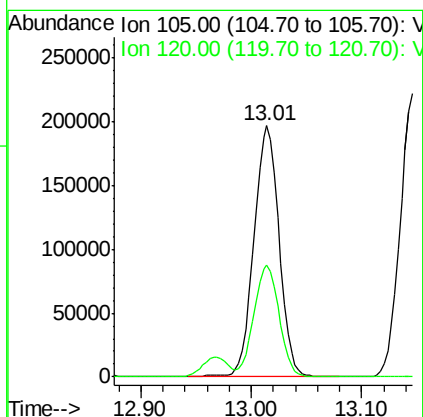
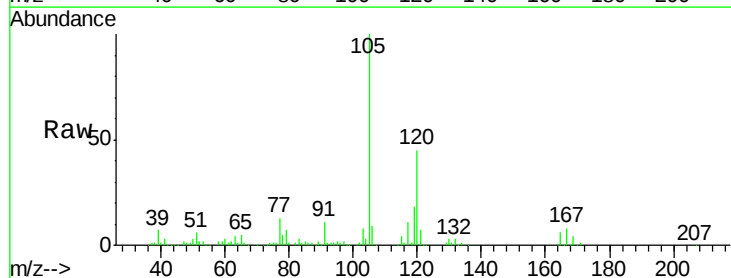
Instrument :
 MSVOA_N
 ClientSampled :
 VN0519MBS01

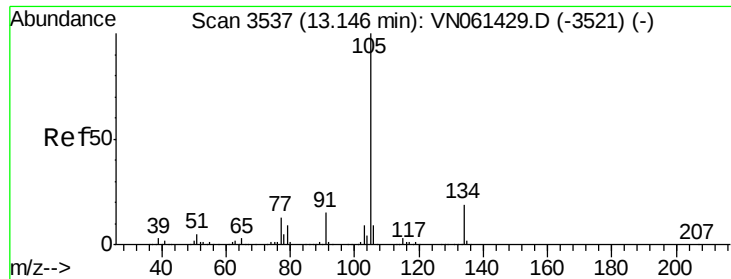
Tot Ion:119 Resp: 260279
 Ion Ratio Lower Upper
 119 100
 91 67.3 33.7 101.0
 134 26.2 12.8 38.3



#84
 1,2,4-Trimethylbenzene
 Concen: 20.056 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061480.D
 Acq: 19 May 2020 13:47

Tgt Ion:105 Resp: 312018
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

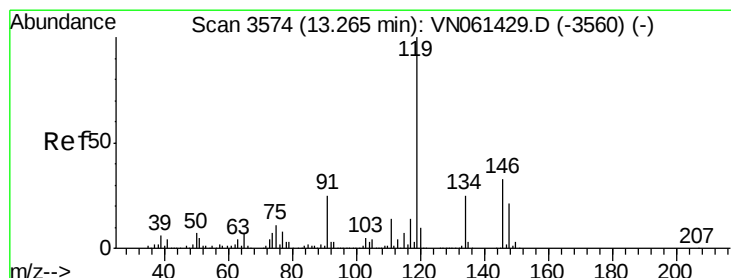
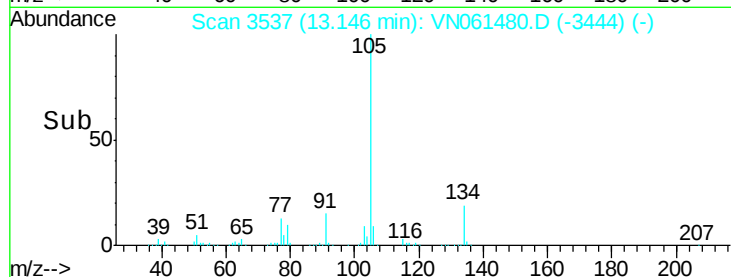
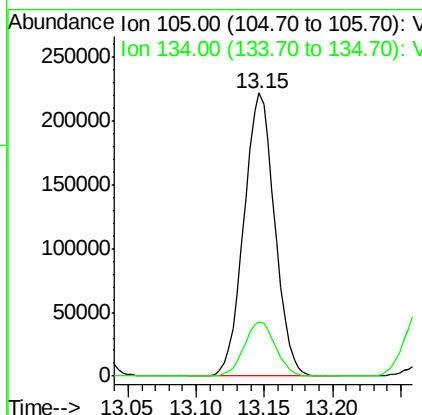
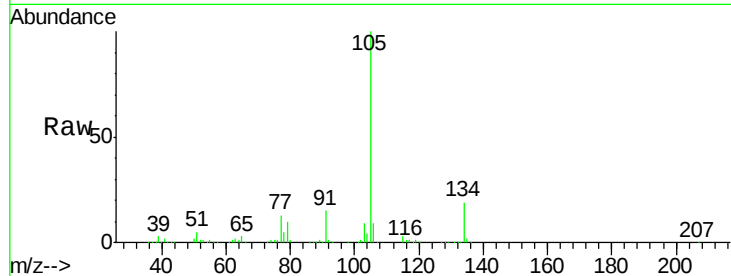




#85
 sec-Butylbenzene
 Concen: 19.261 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN061480.D
 Acq: 19 May 2020 13:47

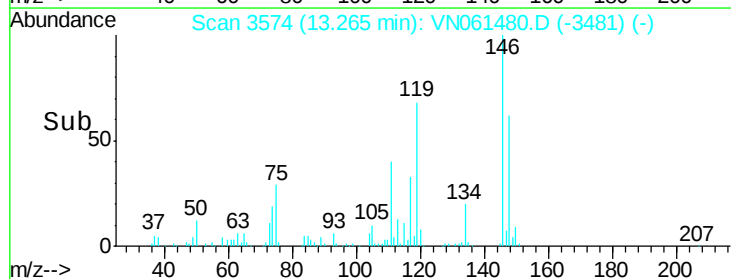
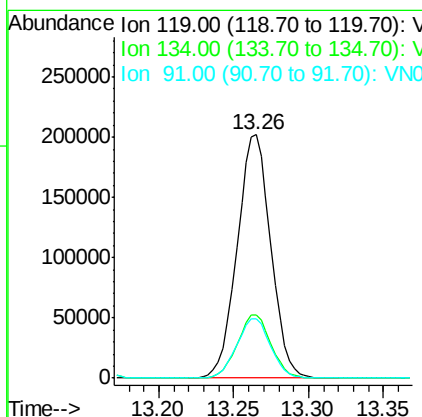
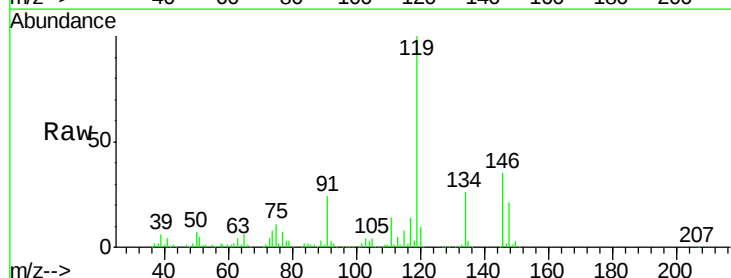
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519MBS01

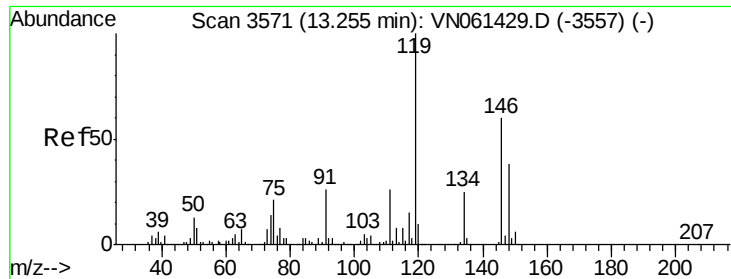
Tot Ion:105 Resp: 346803
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 19.643 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN061480.D
 Acq: 19 May 2020 13:47

Tgt Ion:119 Resp: 314060
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.7 38.1
 91 24.2 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 19.976 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0519MBS01

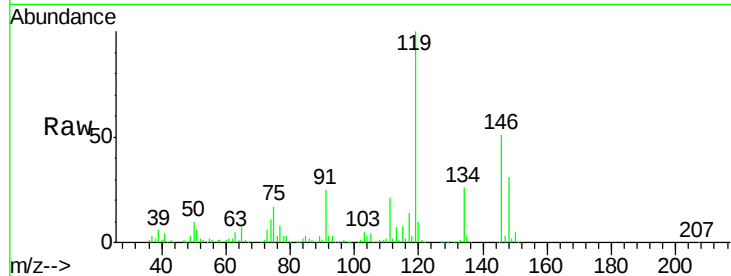
Tot Ion:146 Resp: 150626

Ion Ratio Lower Upper

146 100

111 41.2 21.5 64.5

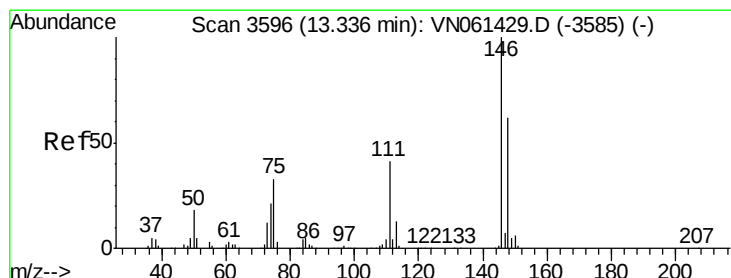
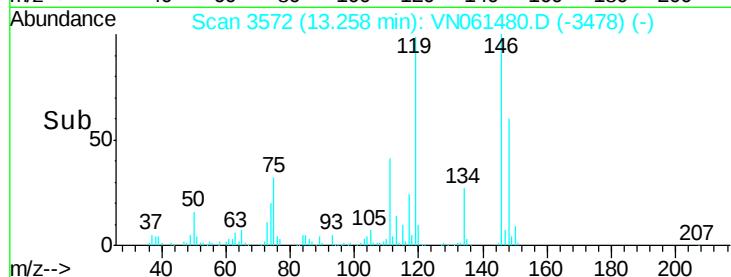
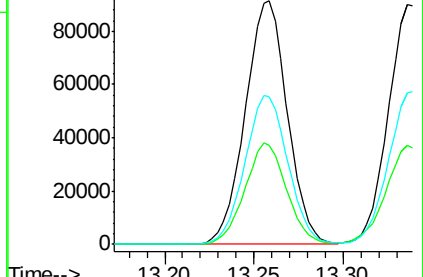
148 62.4 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 19.892 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

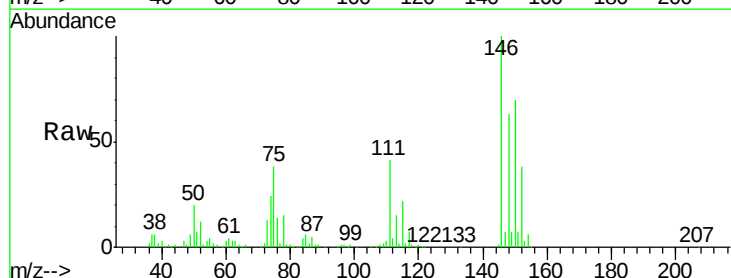
Tgt Ion:146 Resp: 150217

Ion Ratio Lower Upper

146 100

111 42.6 20.8 62.5

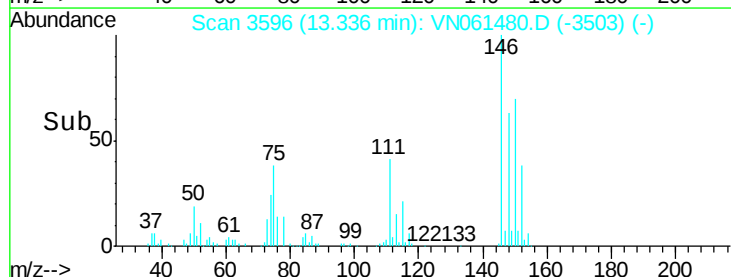
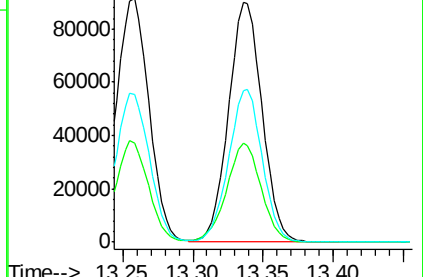
148 63.8 31.6 94.8

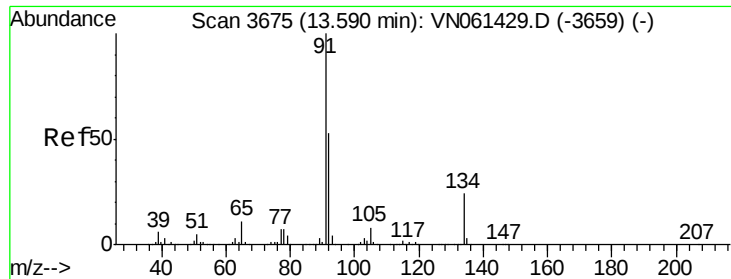


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.921 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0519MBS01

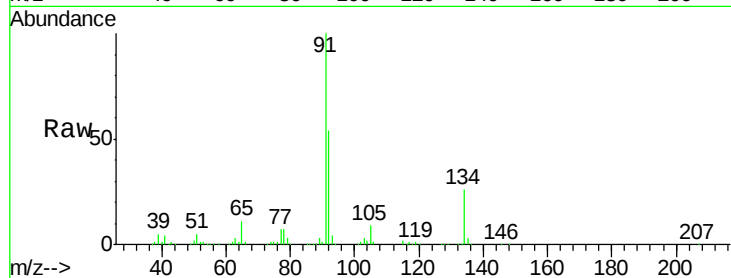
Tot Ion: 91 Resp: 274826

Ion Ratio Lower Upper

91 100

92 53.4 26.8 80.3

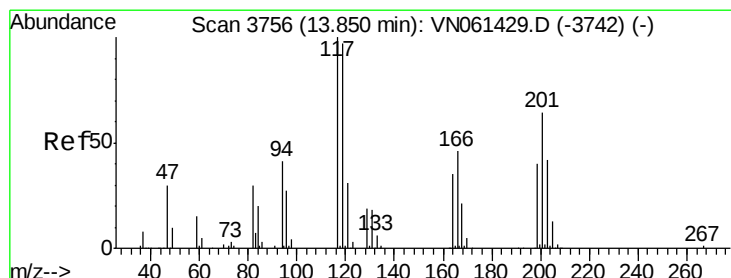
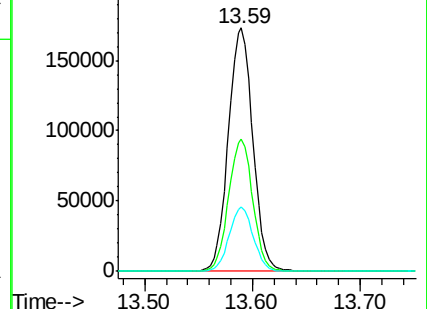
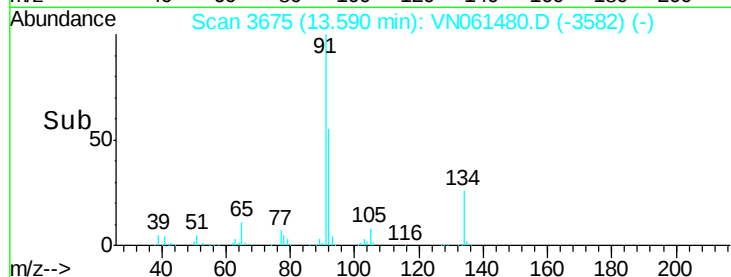
134 25.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN061480.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN061480.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN061480.D (-3582) (-)



#90

Hexachloroethane

Concen: 18.197 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN061480.D

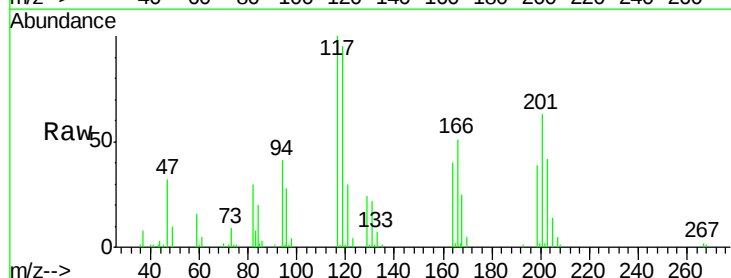
Acq: 19 May 2020 13:47

Tgt Ion: 117 Resp: 39430

Ion Ratio Lower Upper

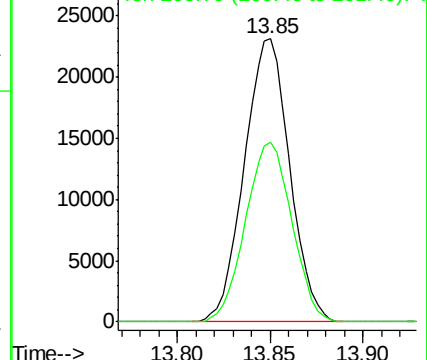
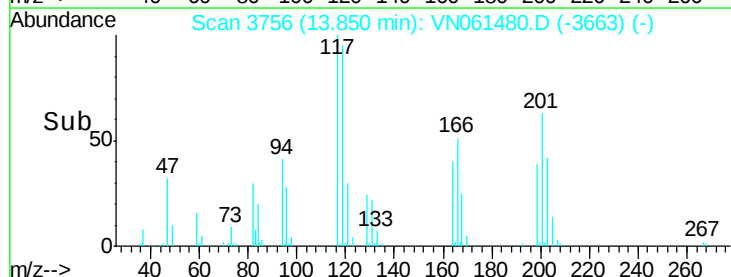
117 100

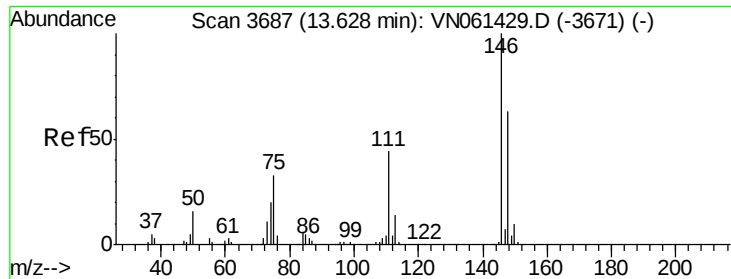
201 64.9 32.9 98.7



Abundance Ion 116.80 (116.50 to 117.50): VN061480.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN061480.D (-3663) (-)

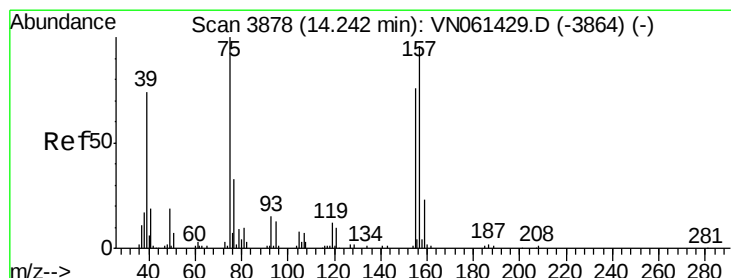
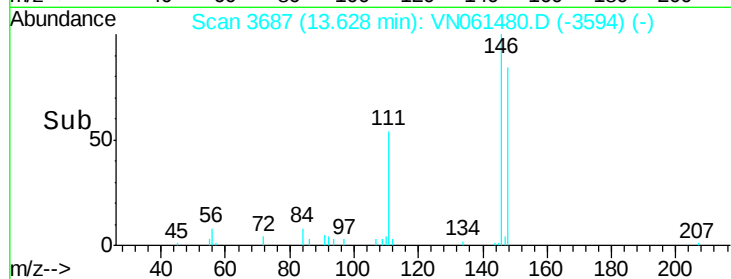
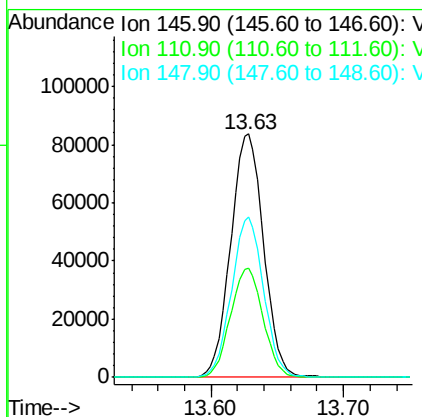
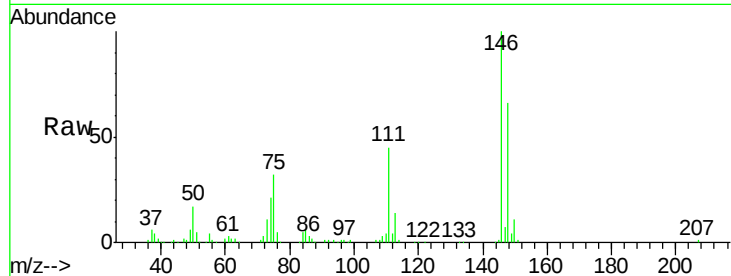




#91
 1,2-Dichlorobenzene
 Concen: 19.948 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061480.D
 Acq: 19 May 2020 13:47

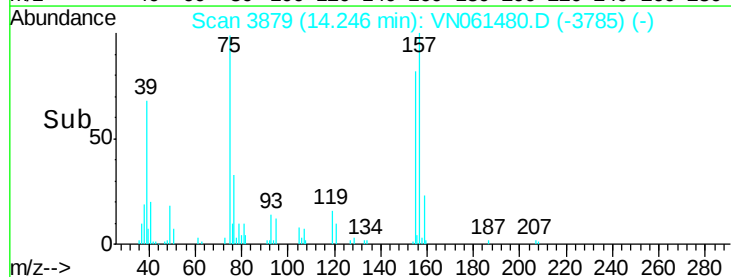
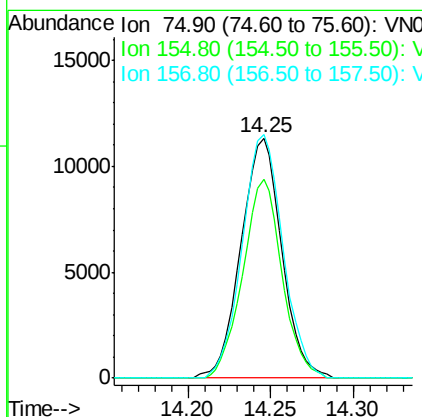
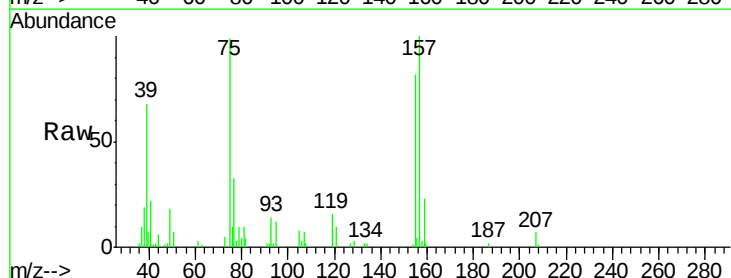
Instrument :
 MSVOA_N
 ClientSampled :
 VN0519MBS01

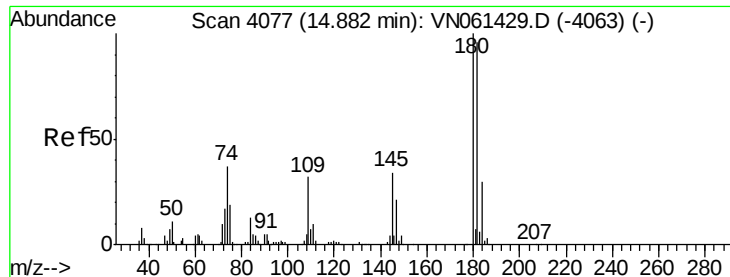
Tot Ion:146 Resp: 144286
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.9 65.7
 148 64.2 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.333 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061480.D
 Acq: 19 May 2020 13:47

Tgt Ion: 75 Resp: 19343
 Ion Ratio Lower Upper
 75 100
 155 79.6 38.9 116.7
 157 101.4 48.6 145.8

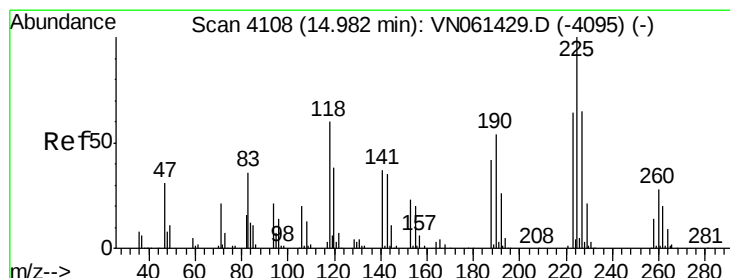
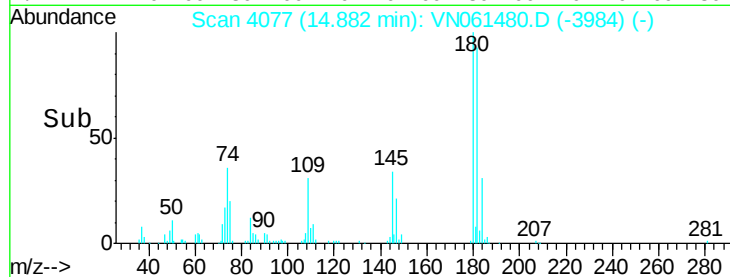
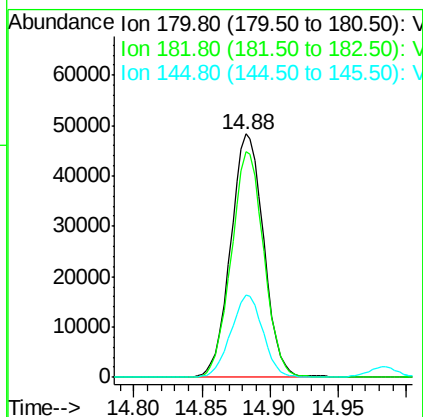
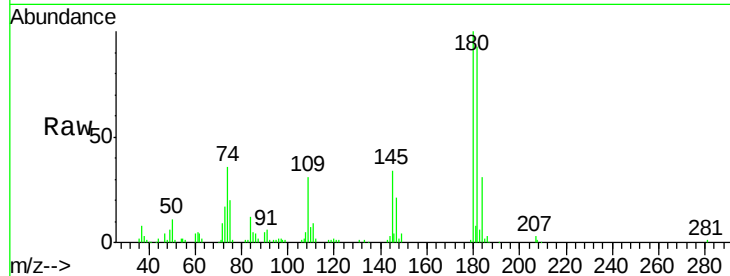




#93
 1,2,4-Trichlorobenzene
 Concen: 20.656 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061480.D
 Acq: 19 May 2020 13:47

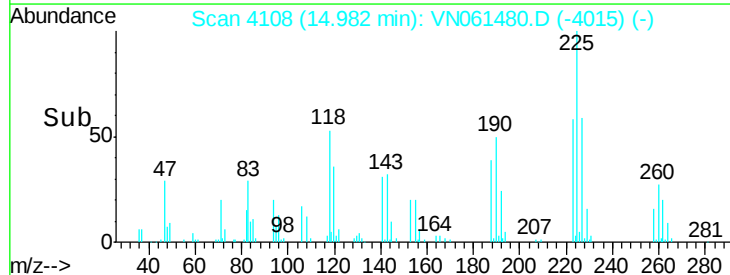
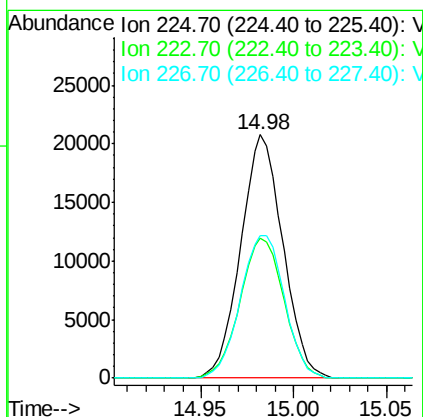
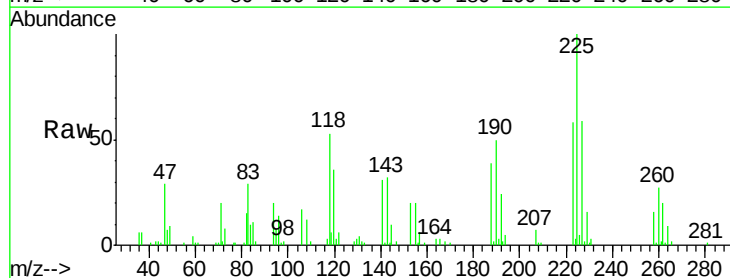
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519MBS01

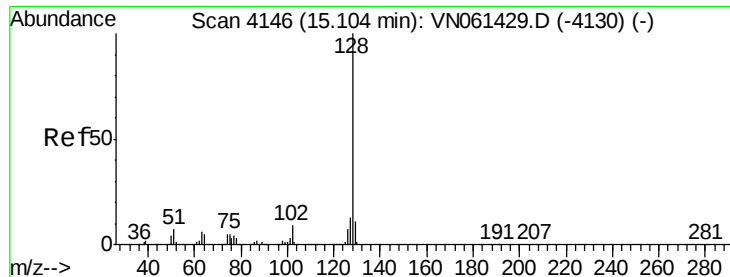
Tot Ion:180 Resp: 81012
 Ion Ratio Lower Upper
 180 100
 182 91.8 47.0 141.0
 145 32.9 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 18.877 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN061480.D
 Acq: 19 May 2020 13:47

Tgt Ion:225 Resp: 32896
 Ion Ratio Lower Upper
 225 100
 223 59.9 31.9 95.7
 227 61.1 31.5 94.5

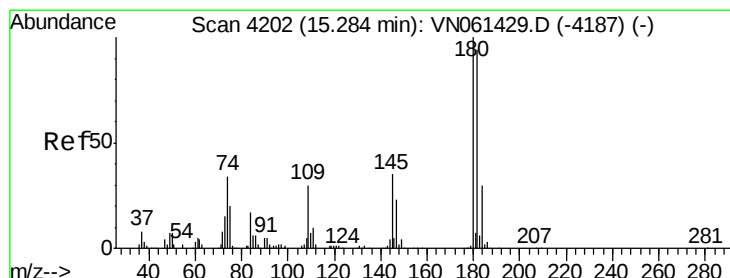
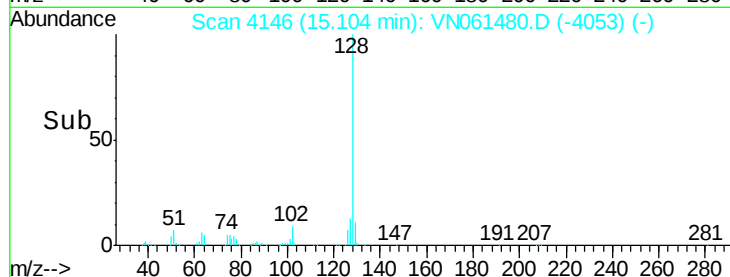
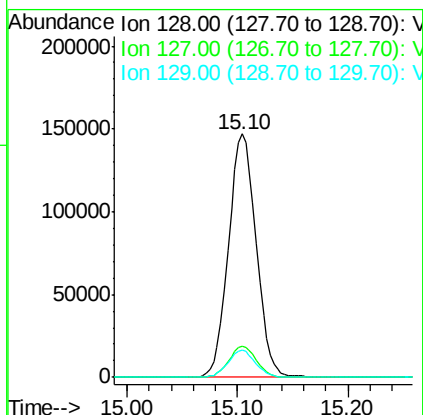
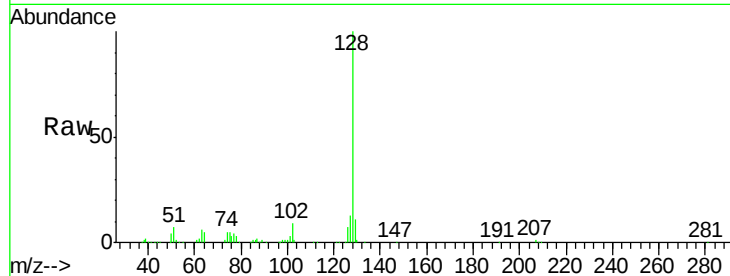




#95
Naphthalene
Concen: 20.563 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0519MBS01

Tot Ion:128 Resp: 256394
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.209 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061480.D
Acq: 19 May 2020 13:47

Tgt Ion:180 Resp: 78903
Ion Ratio Lower Upper
180 100
182 94.6 47.8 143.3
145 34.5 17.3 51.9

