

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062185.D
 Acq On : 29 Jun 2020 14:05
 Operator : JC/MD
 Sample : VN0629MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629MBS01

Quant Time: Jun 30 04:25:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	233898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	415019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	383978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171222	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	168894	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
35) Dibromofluoromethane	7.54	113	132552	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
50) Toluene-d8	10.06	98	518415	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.37	95	176146	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	47038	17.792	ug/l	99
3) Chloromethane	2.03	50	59557	18.286	ug/l	99
4) Vinyl Chloride	2.16	62	72746	17.472	ug/l	98
5) Bromomethane	2.53	94	50815	18.884	ug/l	97
6) Chloroethane	2.67	64	50828	17.871	ug/l	99
7) Trichlorofluoromethane	2.98	101	90333	17.608	ug/l	99
8) Diethyl Ether	3.37	74	36627	20.446	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	51866	19.306	ug/l	99
10) Methyl Iodide	3.90	142	59912	19.802	ug/l	99
11) Tert butyl alcohol	4.73	59	48346	102.585	ug/l	100
12) 1,1-Dichloroethene	3.69	96	50749	18.896	ug/l	97
13) Acrolein	3.56	56	40753	88.323	ug/l	98
14) Allyl chloride	4.27	41	75019	20.516	ug/l	99
15) Acrylonitrile	4.93	53	133849	104.224	ug/l	99
16) Acetone	3.77	43	110148	104.553	ug/l	99
17) Carbon Disulfide	4.00	76	141166	18.383	ug/l	100
18) Methyl Acetate	4.28	43	56507	21.656	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	176580	20.576	ug/l	99
20) Methylene Chloride	4.50	84	62667	20.670	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	56198	18.368	ug/l	98
22) Diisopropyl ether	5.90	45	173516	20.841	ug/l	97
23) Vinyl Acetate	5.84	43	707676	104.109	ug/l	99
24) 1,1-Dichloroethane	5.79	63	106627	19.888	ug/l	100
25) 2-Butanone	6.79	43	162787	101.464	ug/l	94
26) 2,2-Dichloropropane	6.77	77	85093	19.047	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	65969	19.161	ug/l	99
28) Bromochloromethane	7.15	49	44718	19.224	ug/l	97
29) Tetrahydrofuran	7.16	42	110087	104.750	ug/l	99
30) Chloroform	7.33	83	106058	19.444	ug/l	94
31) Cyclohexane	7.61	56	87978	19.400	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	86355	18.773	ug/l	98
36) 1,1-Dichloropropene	7.75	75	79040	18.947	ug/l	96
37) Ethyl Acetate	6.88	43	72295	20.929	ug/l	98
38) Carbon Tetrachloride	7.73	117	72869	18.528	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062185.D
 Acq On : 29 Jun 2020 14:05
 Operator : JC/MD
 Sample : VN0629MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629MBS01

Quant Time: Jun 30 04:25:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	89007	19.473	ug/l	99
40) Benzene	8.00	78	241768	19.015	ug/l	99
41) Methacrylonitrile	7.16	41	100984	63.059	ug/l #	14
42) 1,2-Dichloroethane	8.08	62	86885	20.225	ug/l	99
43) Isopropyl Acetate	8.12	43	116380	20.668	ug/l #	90
44) Trichloroethene	8.80	130	59269	18.479	ug/l	99
45) 1,2-Dichloropropane	9.08	63	62748	20.004	ug/l	98
46) Dibromomethane	9.17	93	41968	19.733	ug/l	95
47) Bromodichloromethane	9.37	83	83787	19.512	ug/l	97
48) Methyl methacrylate	9.17	41	51337	20.333	ug/l	96
49) 1,4-Dioxane	9.17	88	22762	406.533	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	343195	104.315	ug/l	100
52) Toluene	10.12	92	150520	19.402	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	93258	19.740	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	103080	20.494	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	61452	20.151	ug/l	100
56) Ethyl methacrylate	10.40	69	82296	20.221	ug/l	96
57) 1,3-Dichloropropane	10.68	76	105090	20.021	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	153952	99.229	ug/l	98
59) 2-Hexanone	10.72	43	248010	104.395	ug/l	99
60) Dibromochloromethane	10.87	129	62010	19.206	ug/l	100
61) 1,2-Dibromoethane	10.98	107	59982	19.142	ug/l	100
64) Tetrachloroethene	10.60	164	48181	18.369	ug/l	97
65) Chlorobenzene	11.40	112	160335	19.015	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	58134	19.938	ug/l	96
67) Ethyl Benzene	11.48	91	276993	19.450	ug/l	98
68) m/p-Xylenes	11.59	106	212975	38.665	ug/l	98
69) o-Xylene	11.92	106	102037	19.634	ug/l	97
70) Styrene	11.94	104	164127	18.936	ug/l	98
71) Bromoform	12.10	173	39821	19.208	ug/l #	98
73) Isopropylbenzene	12.22	105	264734	19.974	ug/l	100
74) N-amyl acetate	12.05	43	91860	20.912	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	88600	20.088	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	109701	27.216	ug/l #	100
77) Bromobenzene	12.50	156	62925	19.123	ug/l	95
78) n-propylbenzene	12.56	91	309039	20.384	ug/l	100
79) 2-Chlorotoluene	12.65	91	181569	19.811	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	220147	20.490	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	27168	19.684	ug/l	97
82) 4-Chlorotoluene	12.75	91	188919	19.933	ug/l	98
83) tert-Butylbenzene	12.97	119	185517	20.176	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	221365	20.629	ug/l	99
85) sec-Butylbenzene	13.15	105	253388	20.855	ug/l	100
86) p-Isopropyltoluene	13.26	119	222284	20.882	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	113027	19.561	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	112495	18.887	ug/l	99
89) n-Butylbenzene	13.59	91	186611	21.086	ug/l	100
90) Hexachloroethane	13.85	117	42197	20.204	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	109021	19.457	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14413	20.399	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062920\
Data File : VN062185.D
Acq On : 29 Jun 2020 14:05
Operator : JC/MD
Sample : VN0629MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0629MBS01

Quant Time: Jun 30 04:25:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

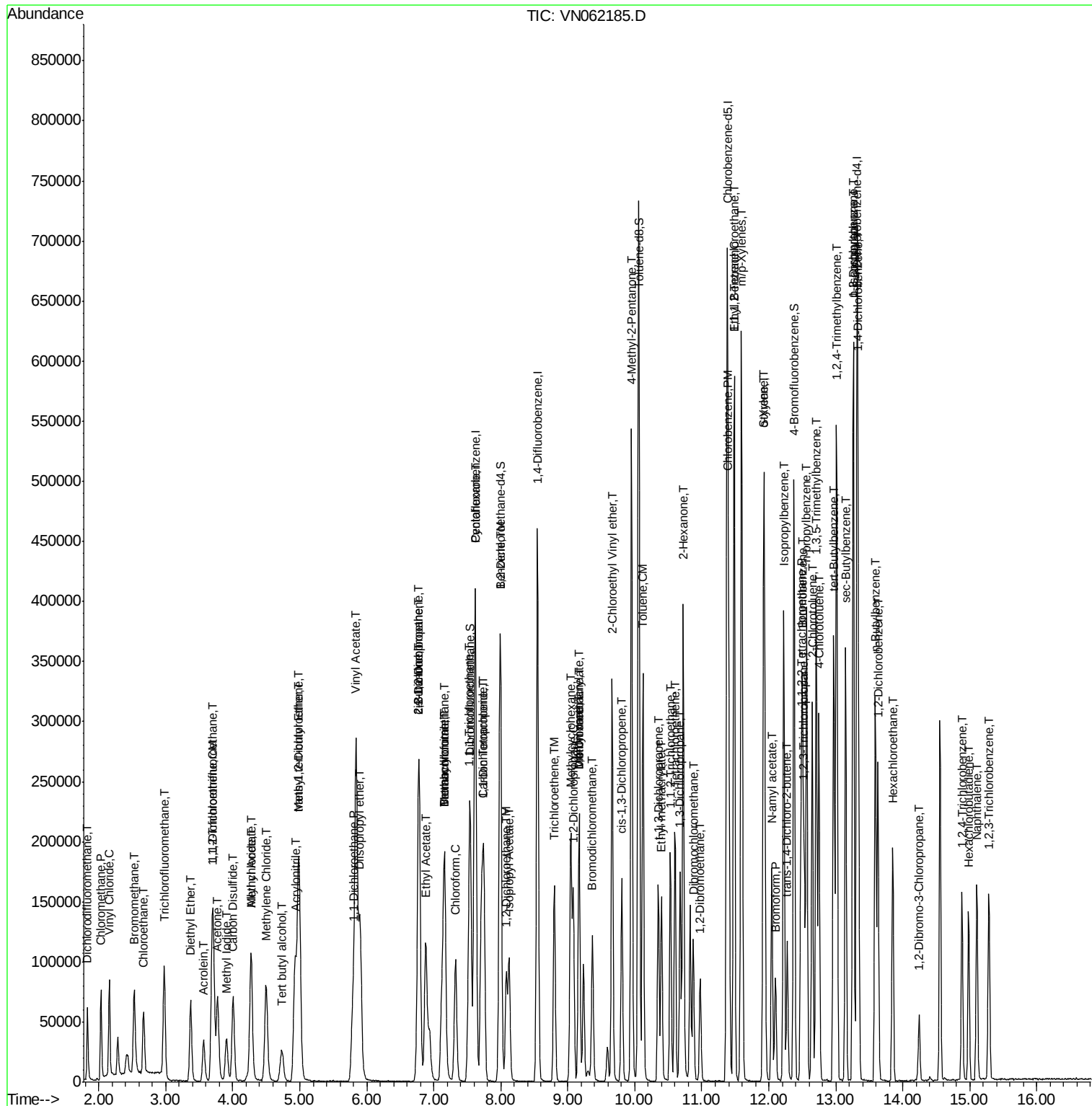
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	49258	20.124	ug/l	96
94) Hexachlorobutadiene	14.98	225	23631	22.228	ug/l	100
95) Naphthalene	15.10	128	138558	19.616	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	49085	19.612	ug/l	97

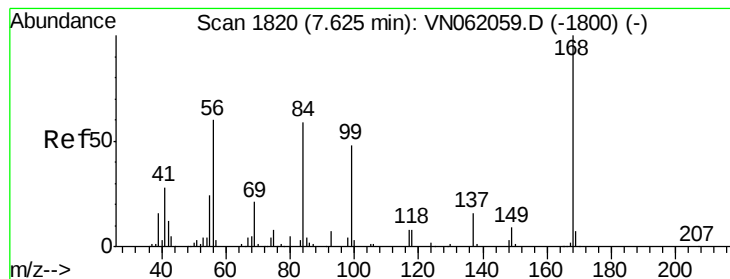
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062920\
Data File : VN062185.D
Acq On : 29 Jun 2020 14:05
Operator : JC/MD
Sample : VN0629MBS01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0629MBS01

Quant Time: Jun 30 04:25:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

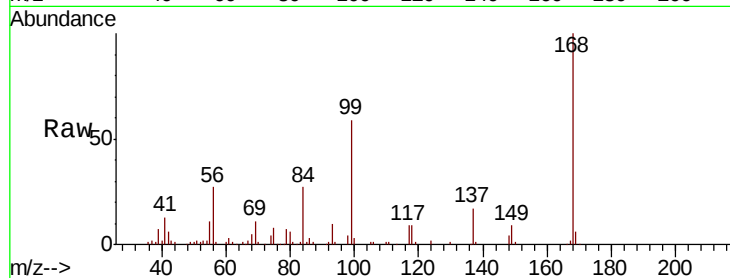
VN0629MBS01

Tot Ion:168 Resp: 233898

Ion Ratio Lower Upper

168 100

99 58.6 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

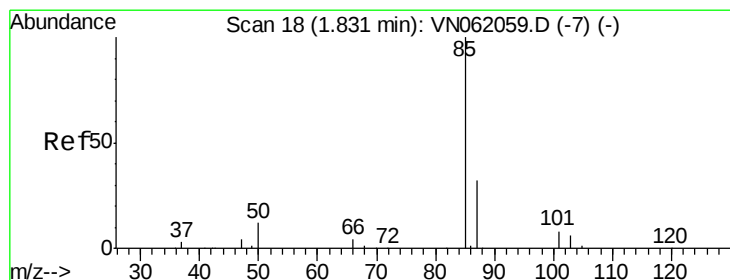
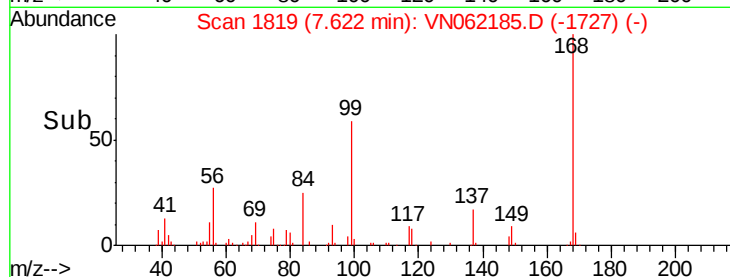
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 17.792 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062185.D

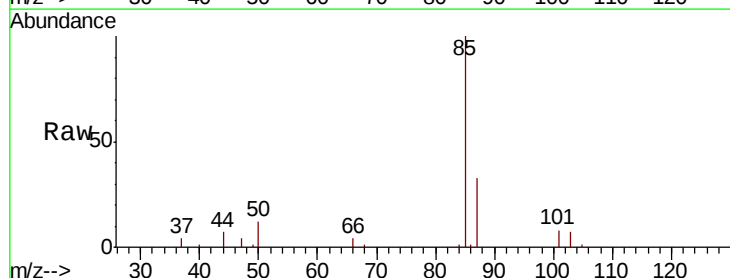
Acq: 29 Jun 2020 14:05

Tgt Ion: 85 Resp: 47038

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

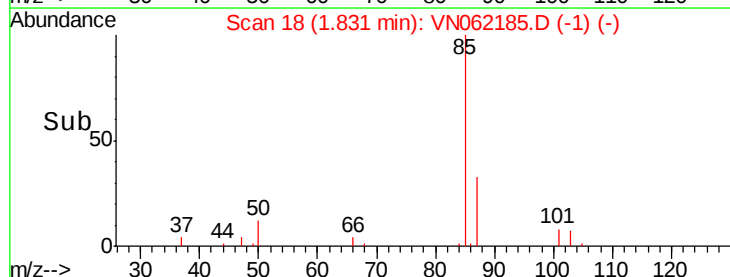
30000

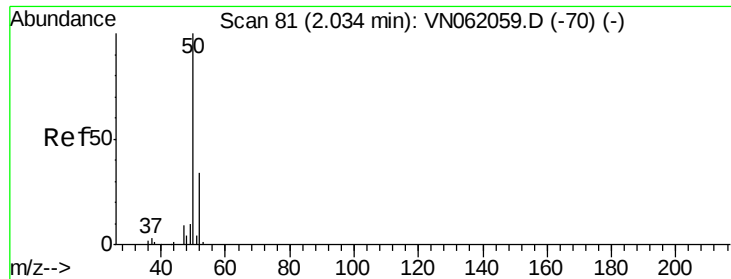
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.286 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

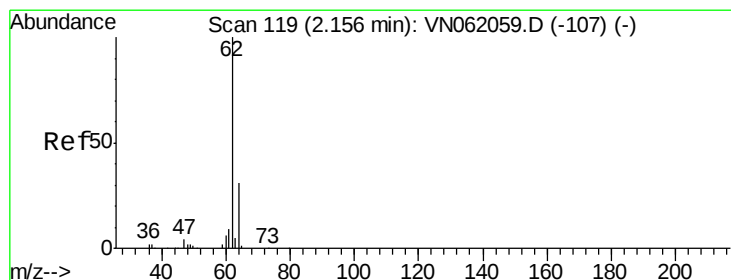
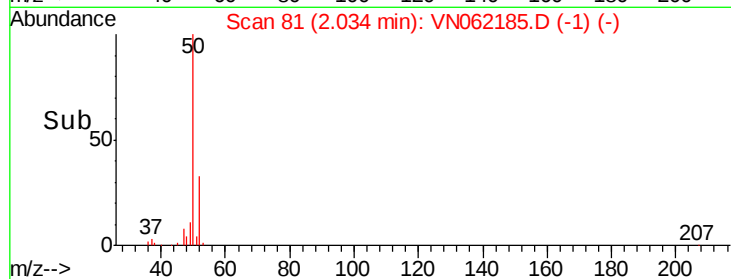
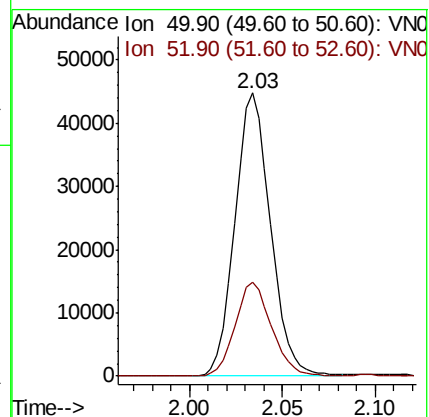
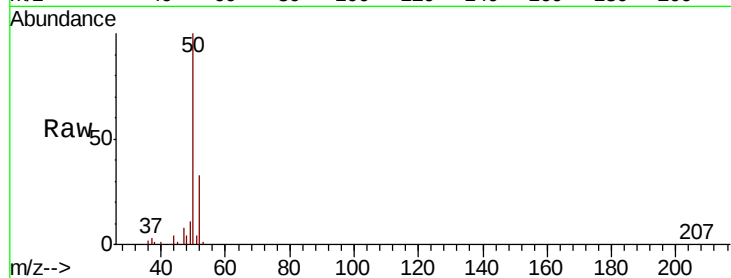
VN0629MBS01

Tot Ion: 50 Resp: 59557

Ion Ratio Lower Upper

50 100

52 33.2 27.0 40.6



#4

Vinyl Chloride

Concen: 17.472 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062185.D

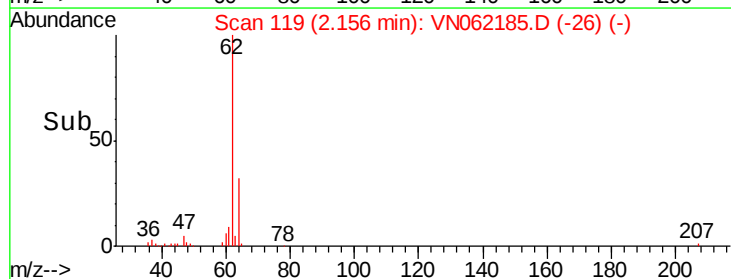
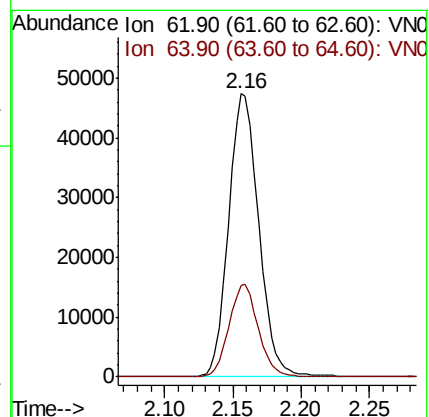
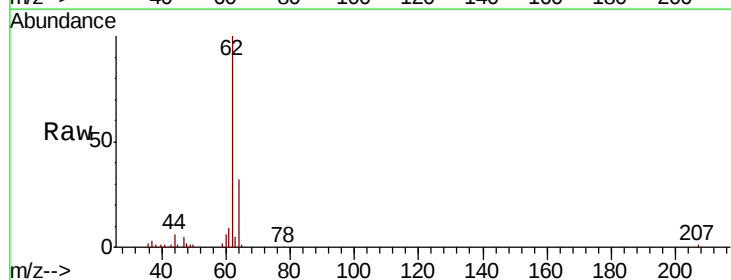
Acq: 29 Jun 2020 14:05

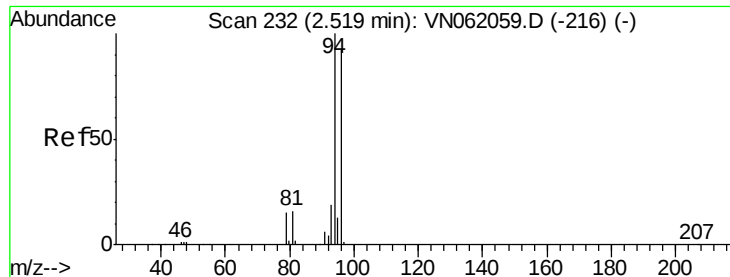
Tgt Ion: 62 Resp: 72746

Ion Ratio Lower Upper

62 100

64 32.4 25.1 37.7





#5

Bromomethane

Concen: 18.884 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

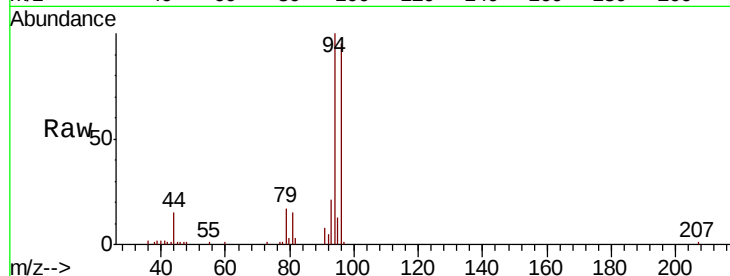
VN0629MBS01

Tot Ion: 94 Resp: 50815

Ion Ratio Lower Upper

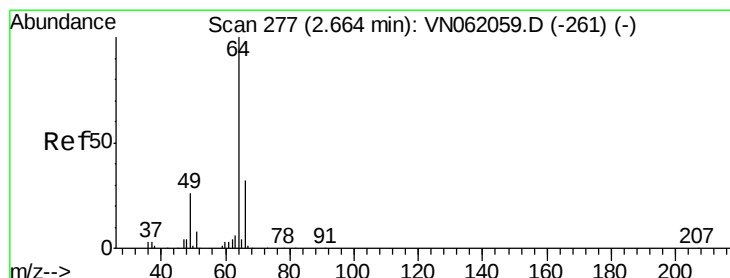
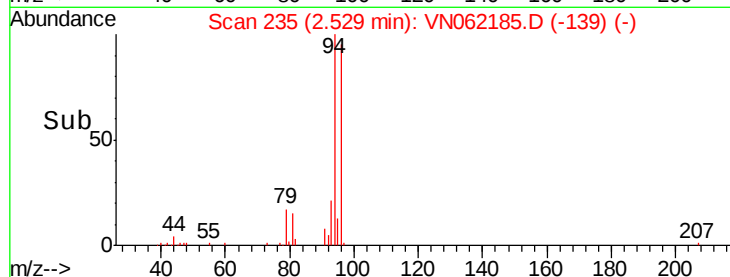
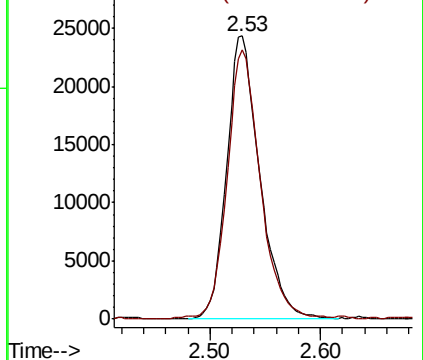
94 100

96 94.3 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.871 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062185.D

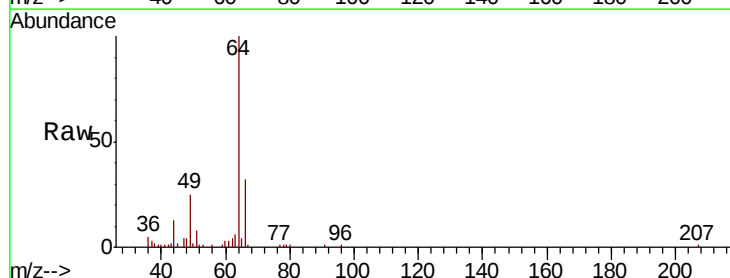
Acq: 29 Jun 2020 14:05

Tgt Ion: 64 Resp: 50828

Ion Ratio Lower Upper

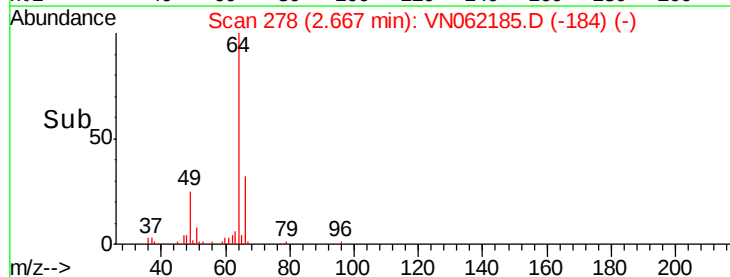
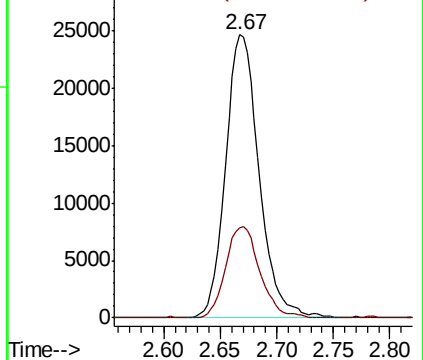
64 100

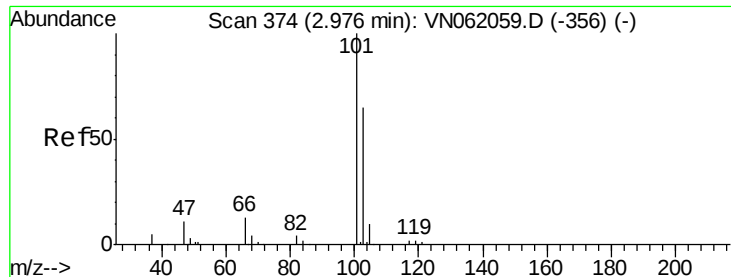
66 31.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



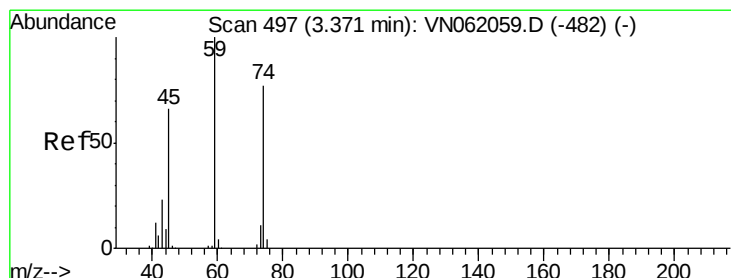
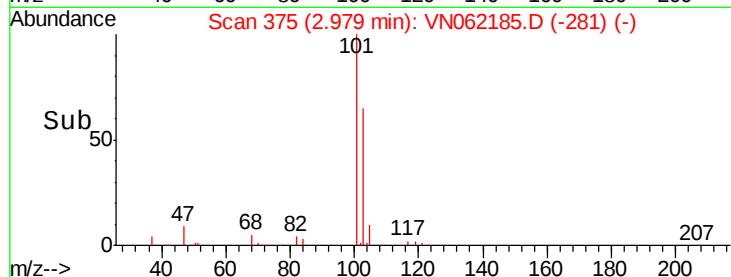
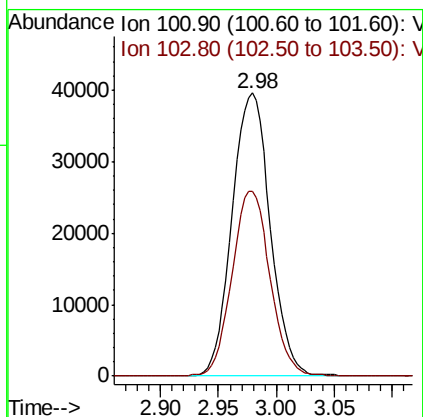
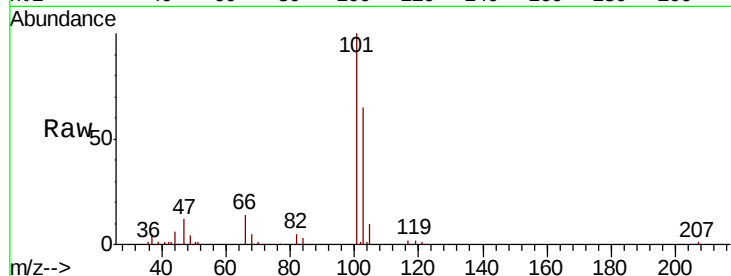


#7

Trichlorofluoromethane
 Concen: 17.608 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062185.D
 Acq: 29 Jun 2020 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629MBS01

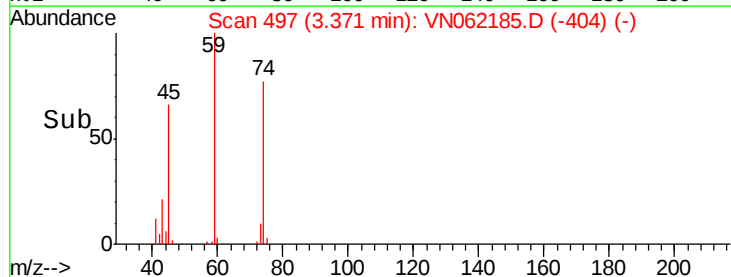
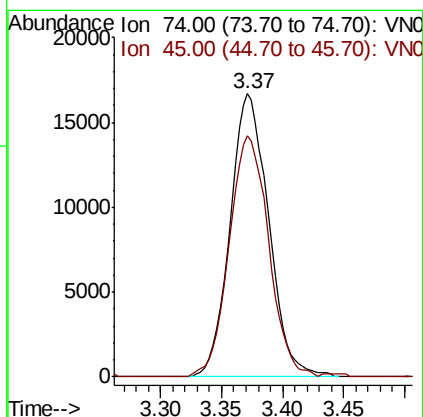
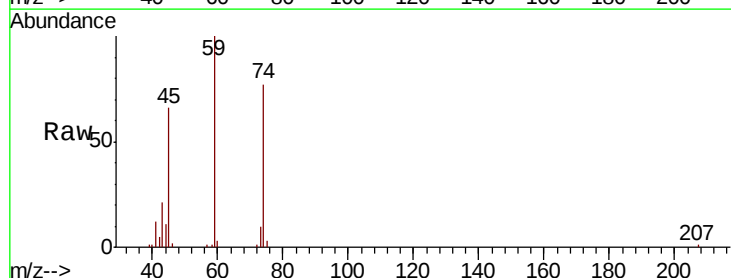
Tot Ion:101 Resp: 90333
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.8 77.6

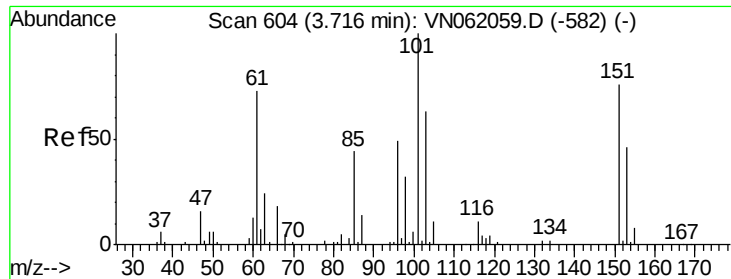


#8

Diethyl Ether
 Concen: 20.446 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062185.D
 Acq: 29 Jun 2020 14:05

Tgt Ion: 74 Resp: 36627
 Ion Ratio Lower Upper
 74 100
 45 87.2 42.5 127.5

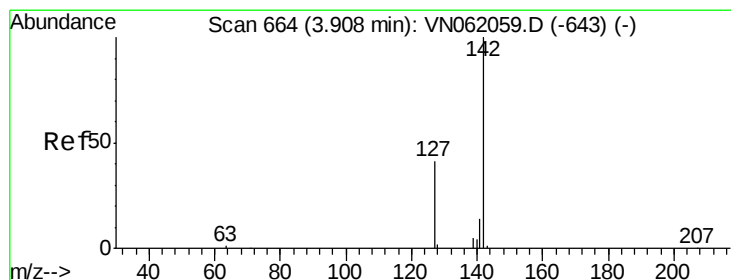
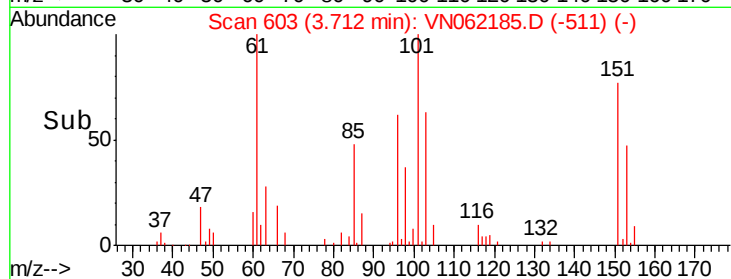
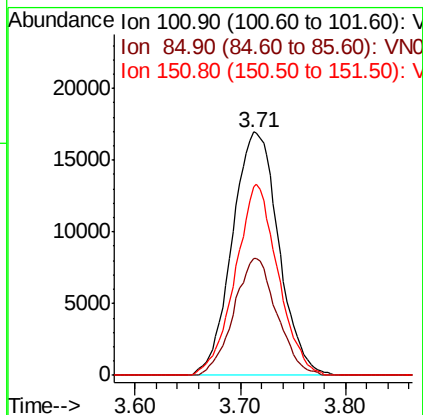
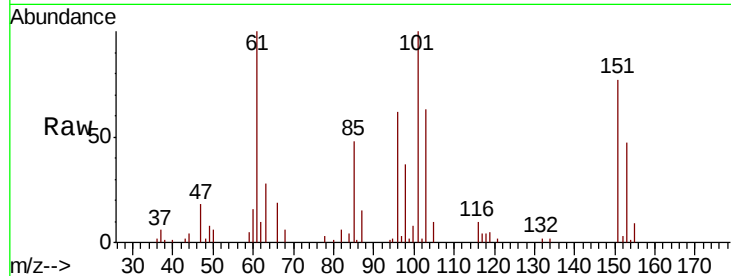




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.306 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN062185.D
 Acq: 29 Jun 2020 14:05

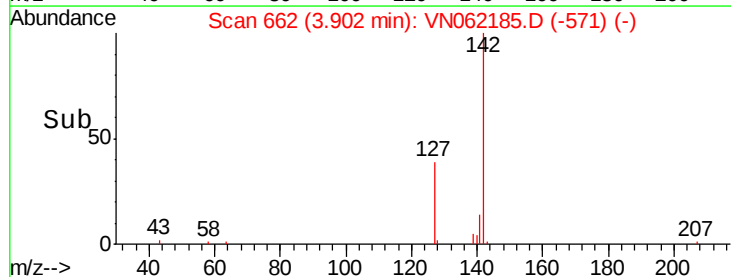
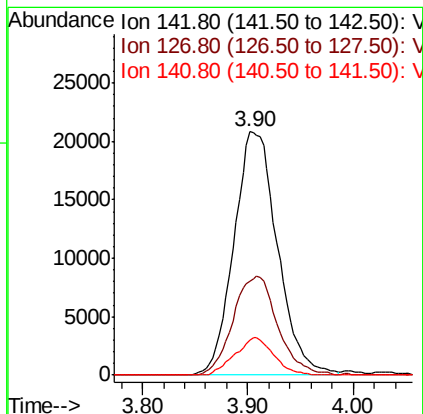
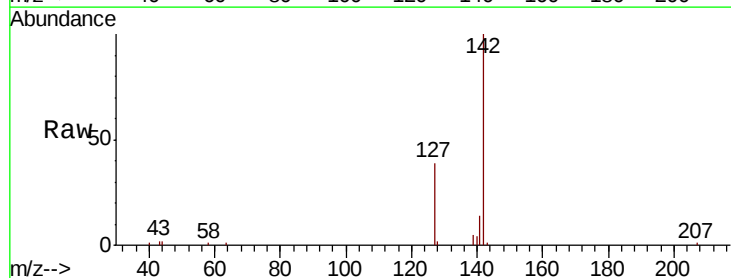
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629MBS01

Tot Ion:101 Resp: 51866
 Ion Ratio Lower Upper
 101 100
 85 44.5 34.5 51.7
 151 72.1 57.8 86.8



#10
 Methyl Iodide
 Concen: 19.802 ug/l
 RT: 3.90 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: VN062185.D
 Acq: 29 Jun 2020 14:05

Tgt Ion:142 Resp: 59912
 Ion Ratio Lower Upper
 142 100
 127 41.4 33.6 50.4
 141 13.6 11.3 16.9





#11

Tert butyl alcohol

Concen: 102.585 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampled :

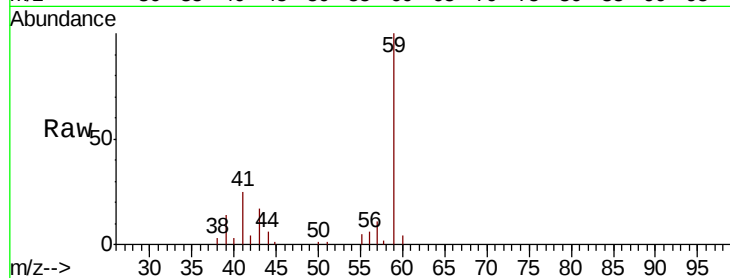
VN0629MBS01

Tot Ion: 59 Resp: 48346

Ion Ratio Lower Upper

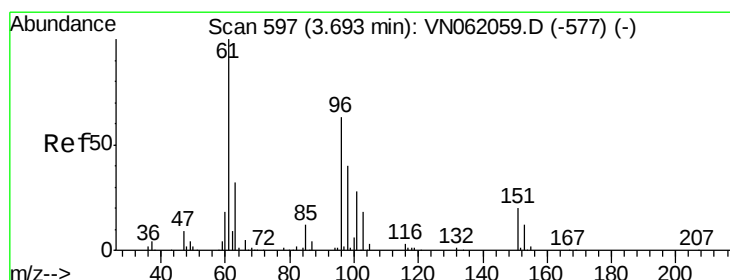
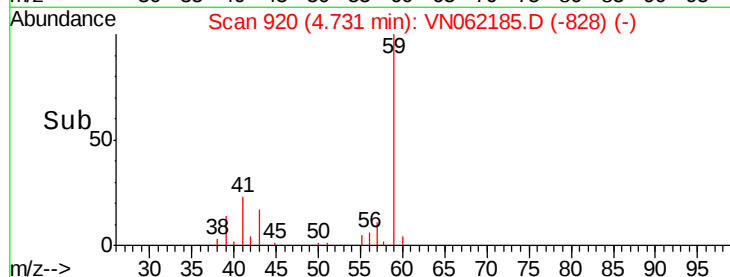
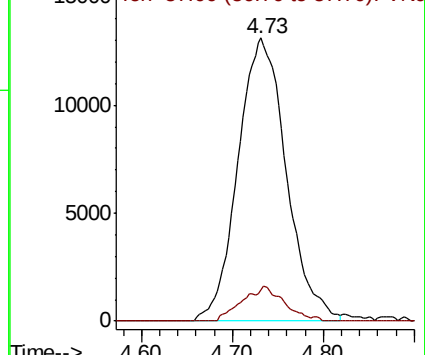
59 100

57 10.6 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN062185.D (-828) (-)

Ion 57.00 (56.70 to 57.70): VN062185.D (-828) (-)



#12

1,1-Dichloroethene

Concen: 18.896 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

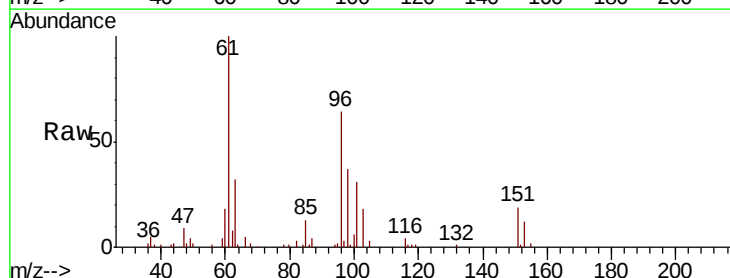
Tgt Ion: 96 Resp: 50749

Ion Ratio Lower Upper

96 100

61 156.1 126.7 190.1

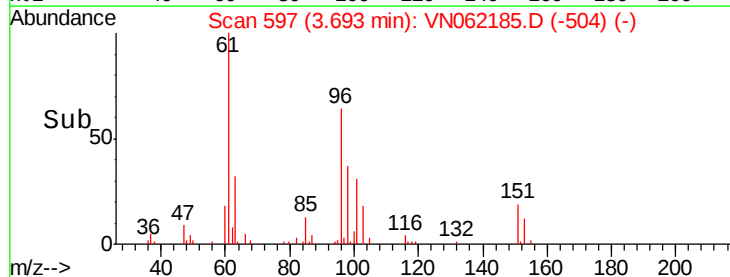
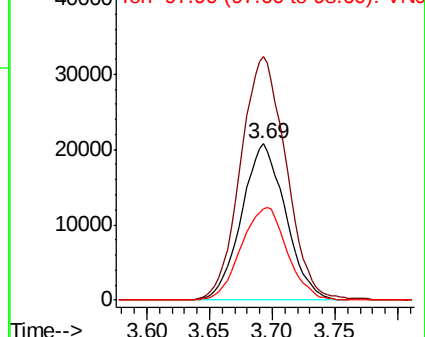
98 58.4 51.0 76.4

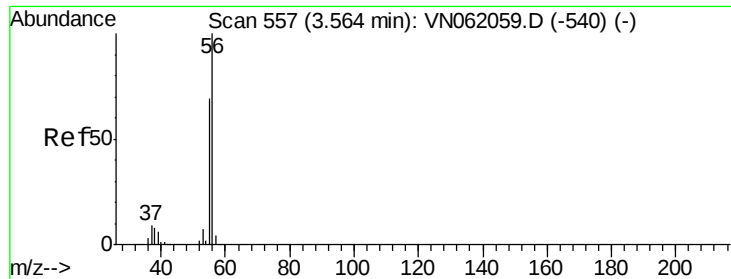


Abundance Ion 95.90 (95.60 to 96.60): VN062185.D (-504) (-)

Ion 60.90 (60.60 to 61.60): VN062185.D (-504) (-)

Ion 97.90 (97.60 to 98.60): VN062185.D (-504) (-)





#13

Acrolein

Concen: 88.323 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

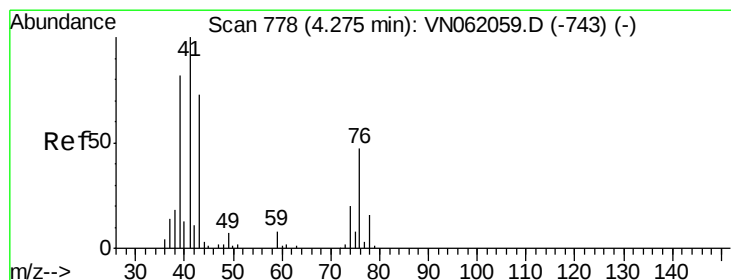
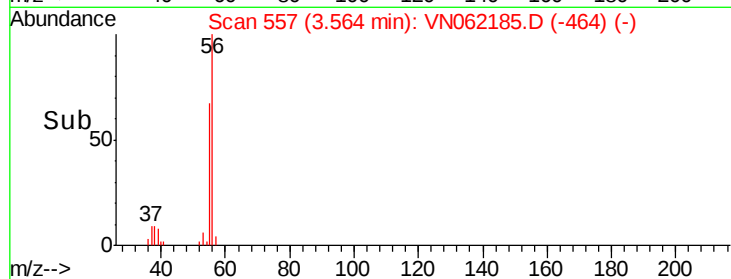
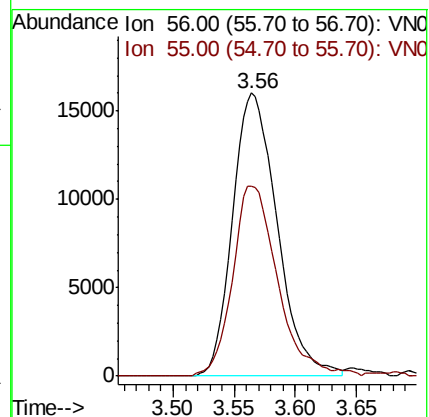
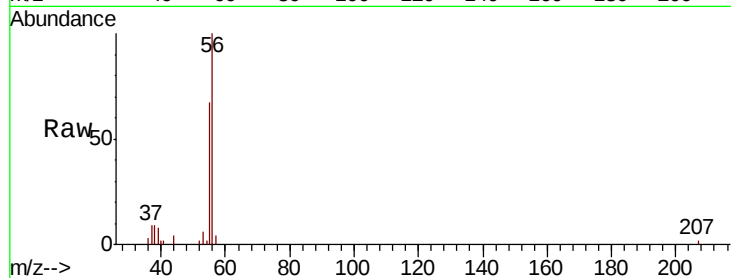
VN0629MBS01

Tot Ion: 56 Resp: 40753

Ion Ratio Lower Upper

56 100

55 67.8 55.5 83.3



#14

Allyl chloride

Concen: 20.516 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

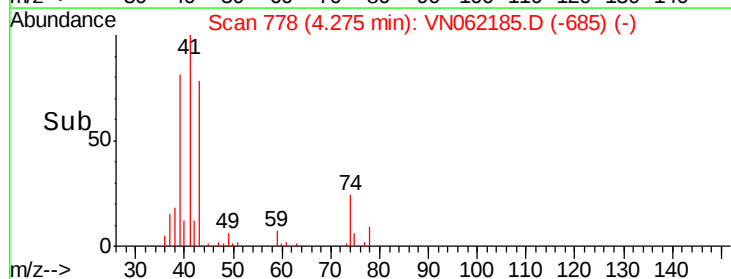
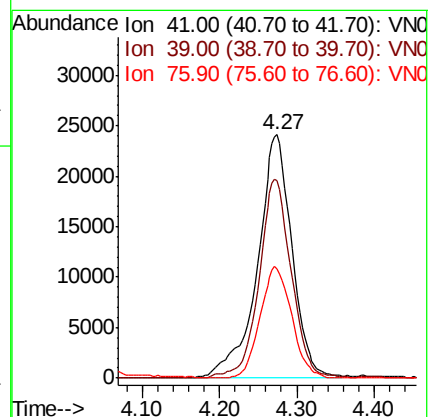
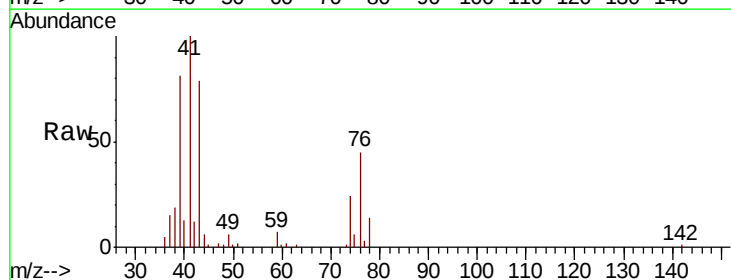
Tgt Ion: 41 Resp: 75019

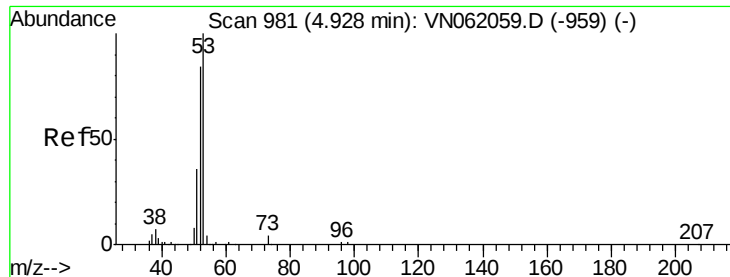
Ion Ratio Lower Upper

41 100

39 76.3 60.0 90.0

76 41.9 34.1 51.1





#15

Acrylonitrile

Concen: 104.224 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0629MBS01

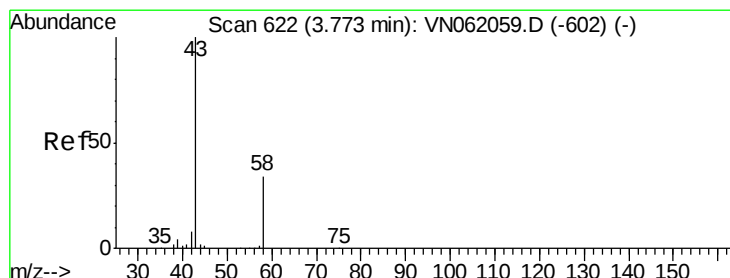
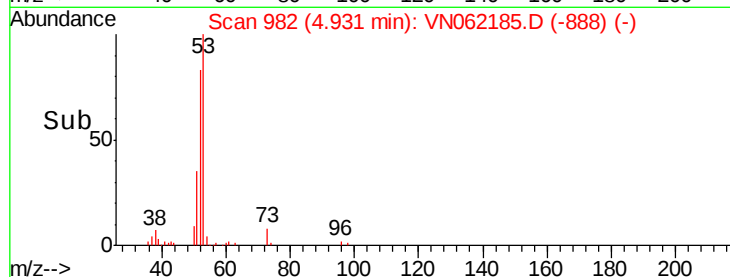
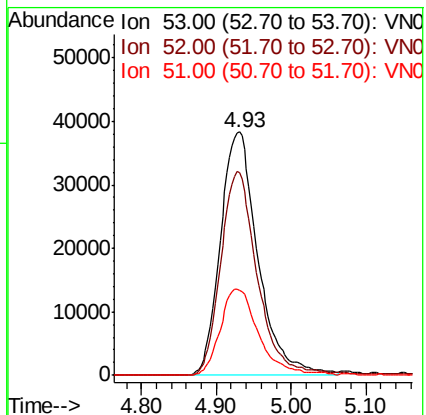
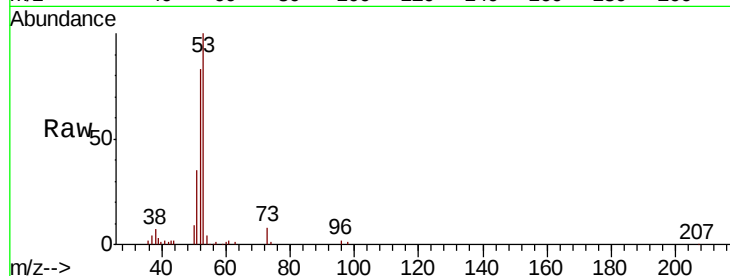
Tot Ion: 53 Resp: 133849

Ion Ratio Lower Upper

53 100

52 81.4 66.2 99.4

51 36.1 28.9 43.3



#16

Acetone

Concen: 104.553 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062185.D

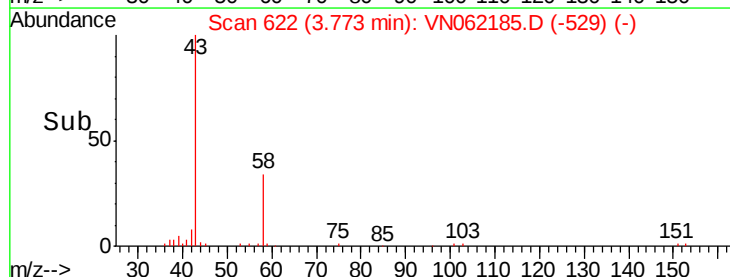
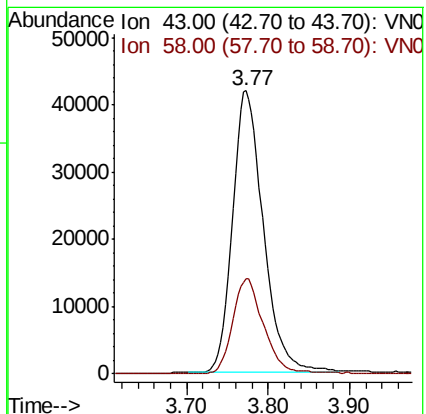
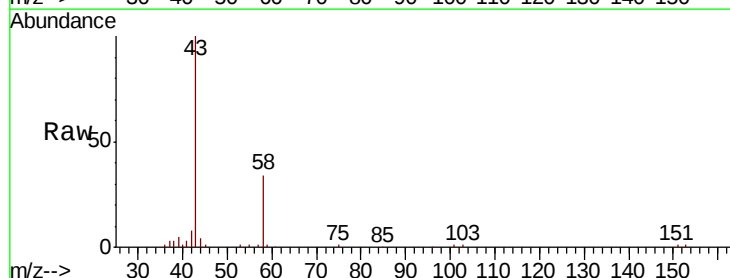
Acq: 29 Jun 2020 14:05

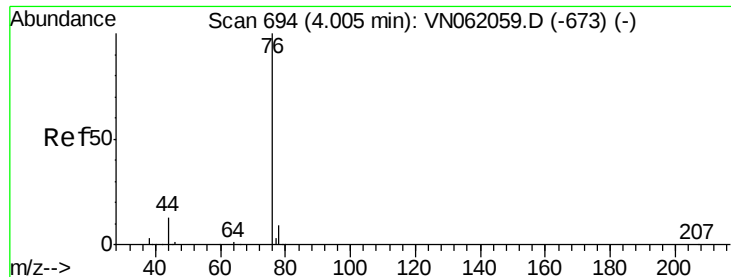
Tgt Ion: 43 Resp: 110148

Ion Ratio Lower Upper

43 100

58 33.8 27.5 41.3





#17

Carbon Disulfide

Concen: 18.383 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

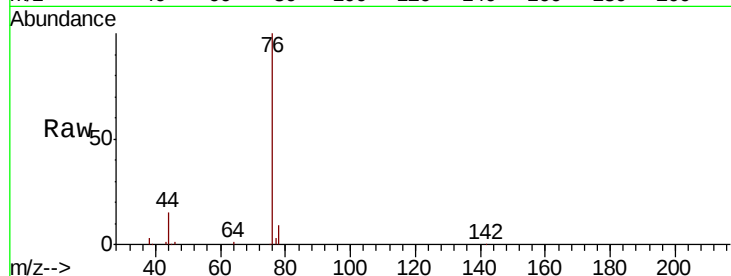
VN0629MBS01

Tot Ion: 76 Resp: 141166

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN062185.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062185.D (-600) (-)

4.00

60000

50000

40000

30000

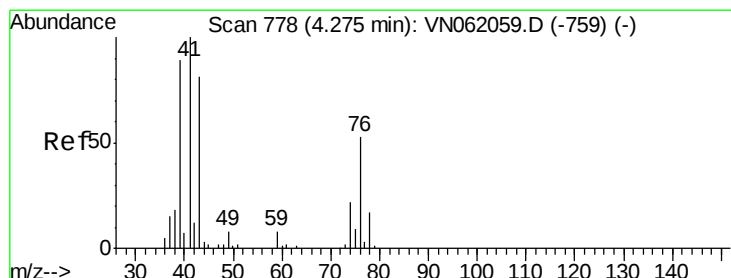
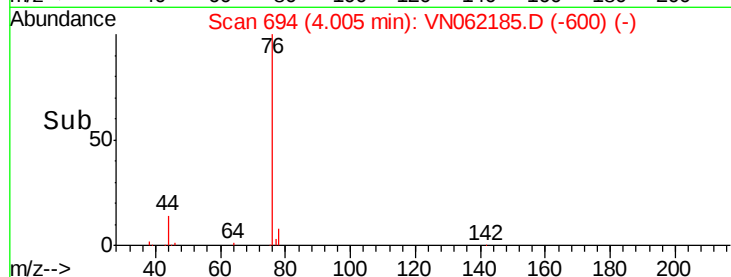
20000

10000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 21.656 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062185.D

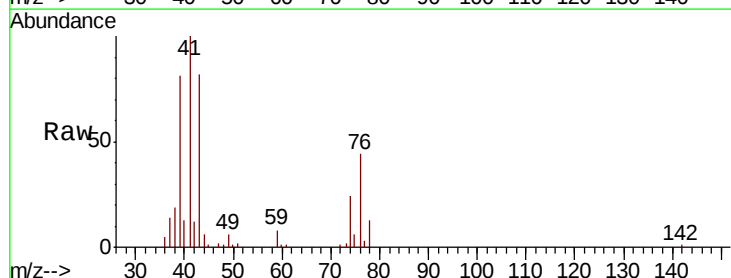
Acq: 29 Jun 2020 14:05

Tgt Ion: 43 Resp: 56507

Ion Ratio Lower Upper

43 100

74 27.2 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062185.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062185.D (-685) (-)

4.28

20000

15000

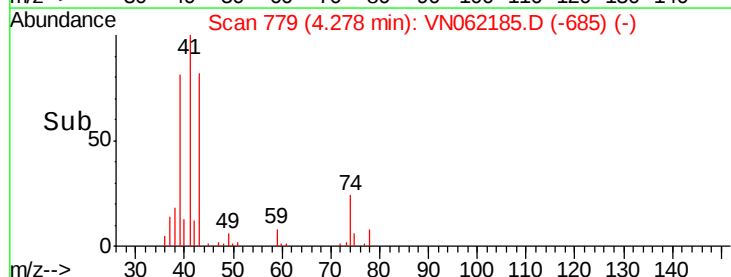
10000

5000

0

Time-->

4.20 4.30 4.40

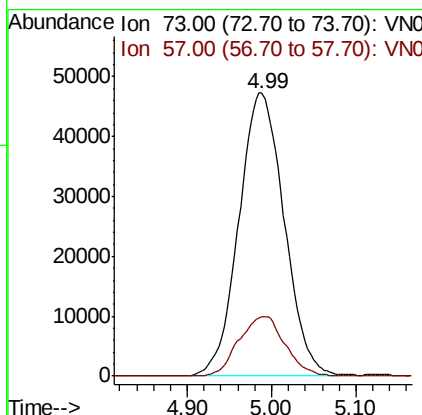
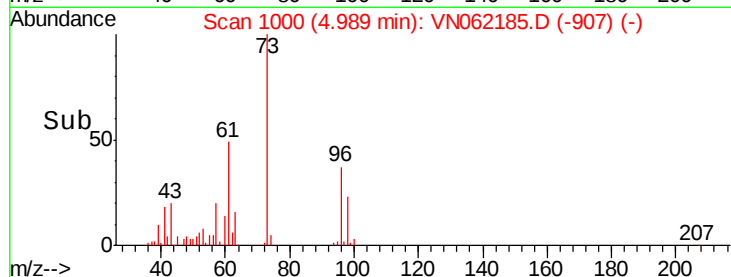
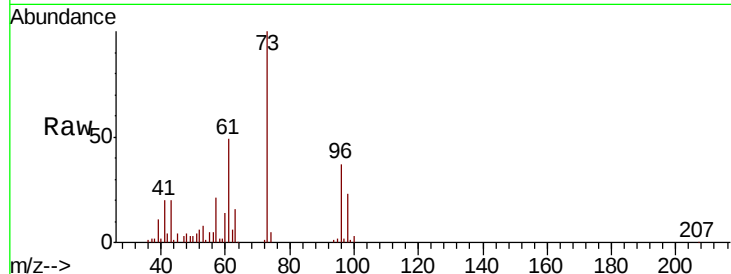




#19
Methyl tert-butyl Ether
Concen: 20.576 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

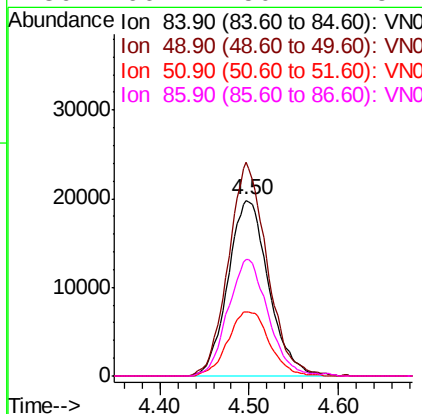
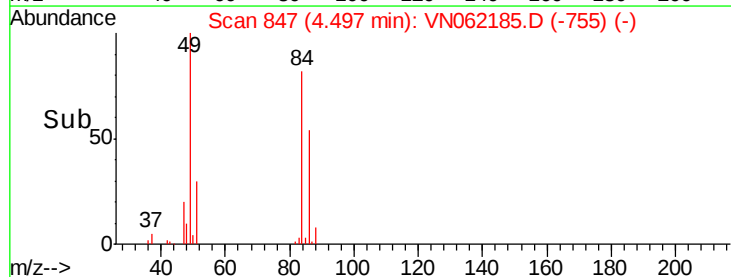
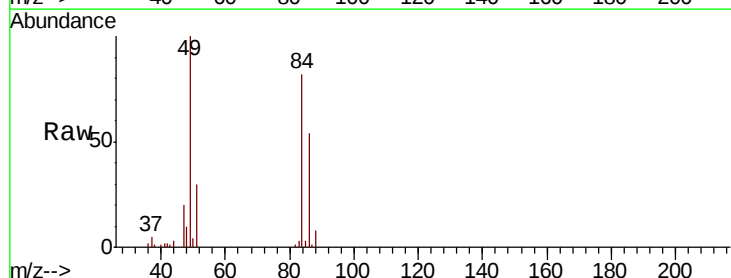
Instrument :
MSVOA_N
ClientSampled :
VN0629MBS01

Tot Ion: 73 Resp: 176580
Ion Ratio Lower Upper
73 100
57 21.0 16.6 24.8



#20
Methylene Chloride
Concen: 20.670 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

Tgt Ion: 84 Resp: 62667
Ion Ratio Lower Upper
84 100
49 121.7 90.6 136.0
51 36.8 27.8 41.8
86 66.1 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 18.368 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0629MBS01

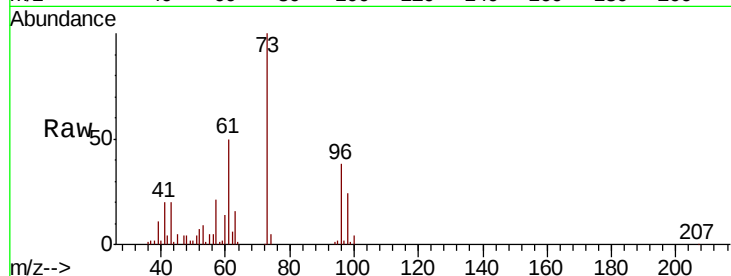
Tot Ion: 96 Resp: 56198

Ion Ratio Lower Upper

96 100

61 130.1 101.4 152.2

98 61.9 49.3 73.9

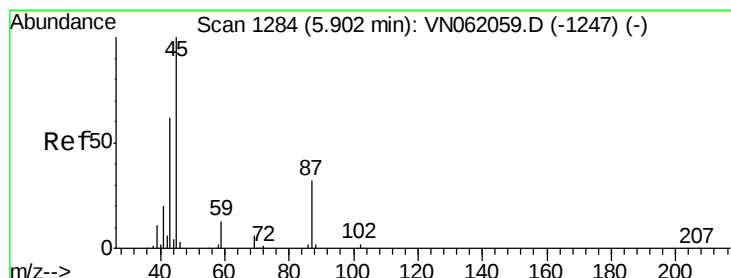
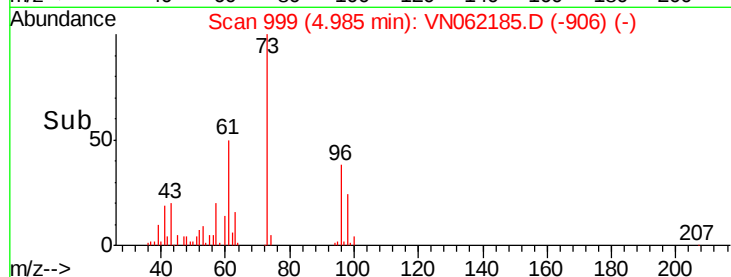
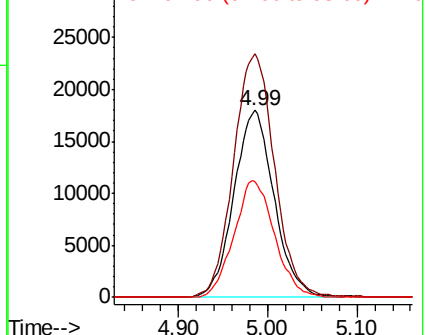


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.841 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Tgt Ion: 45 Resp: 173516

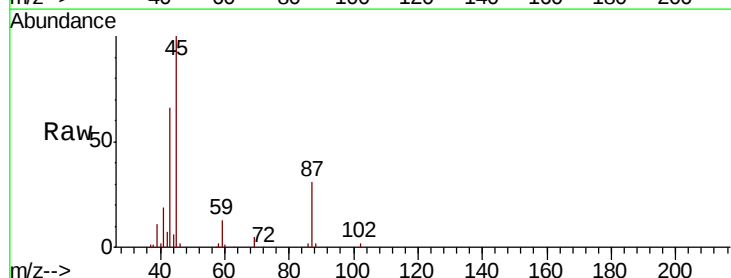
Ion Ratio Lower Upper

45 100

43 64.1 49.7 74.5

87 30.6 25.9 38.9

59 12.4 10.6 16.0



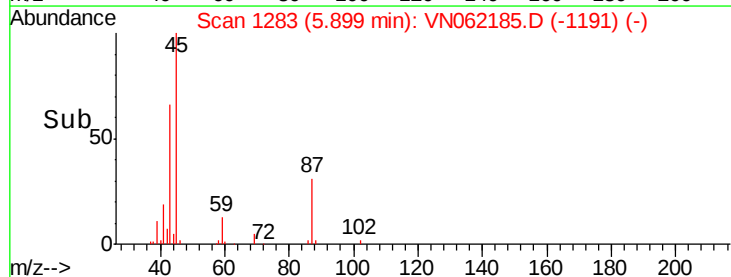
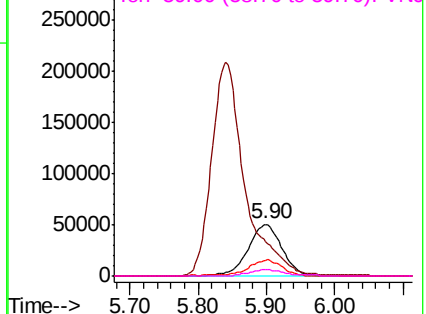
Abundance

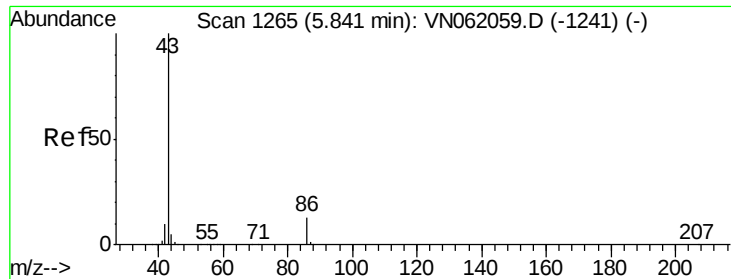
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 104.109 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

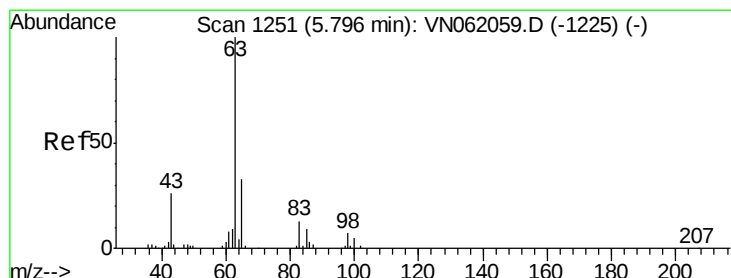
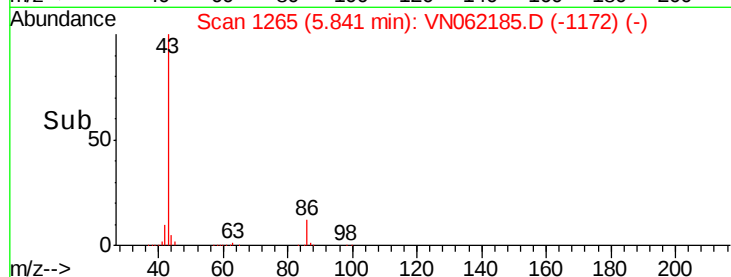
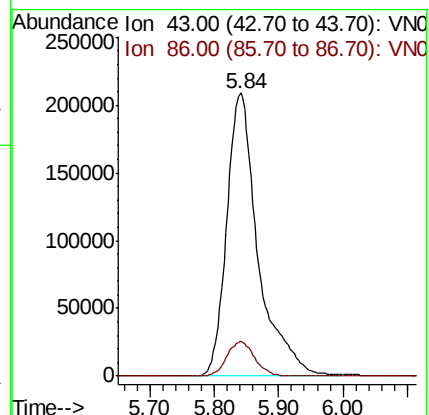
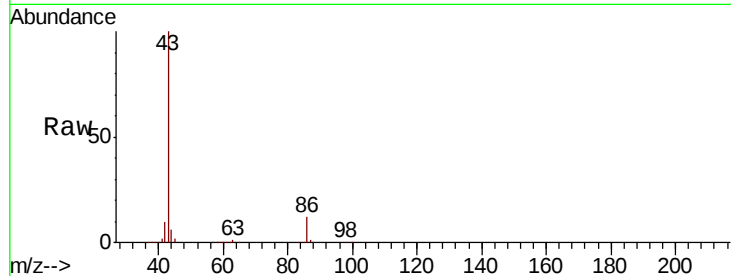
VN0629MBS01

Tot Ion: 43 Resp: 707676

Ion Ratio Lower Upper

43 100

86 12.3 10.1 15.1



#24

1,1-Dichloroethane

Concen: 19.888 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

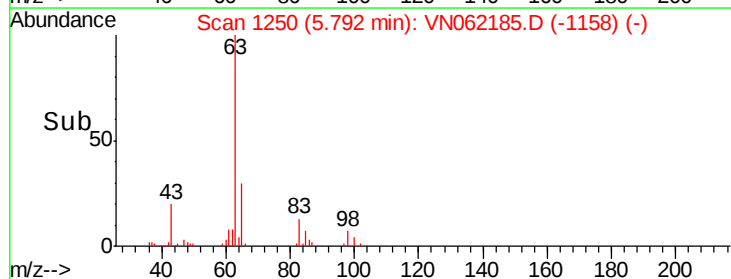
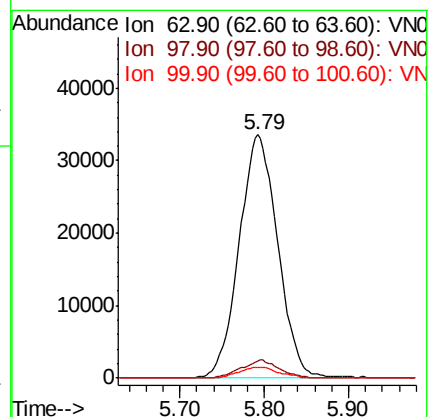
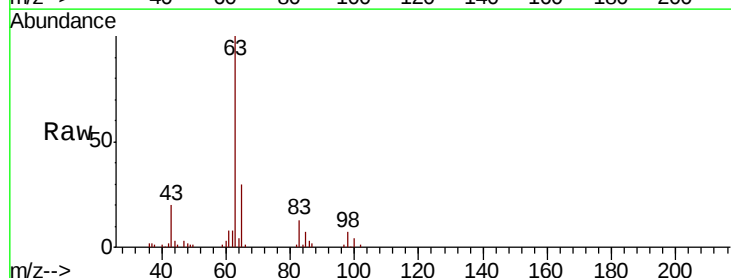
Tgt Ion: 63 Resp: 106627

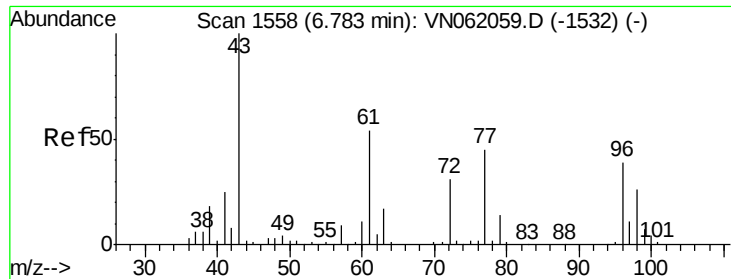
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 101.464 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

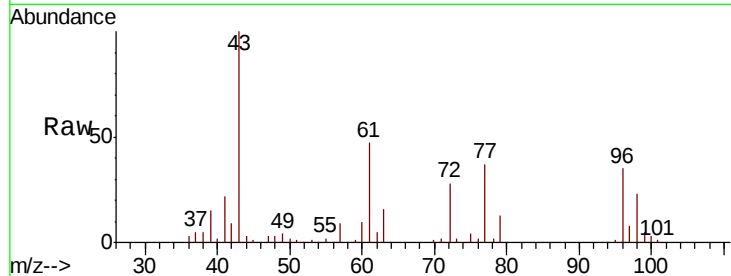
Instrument :
MSVOA_N
ClientSampled :
VN0629MBS01

Tot Ion: 43 Resp: 162787

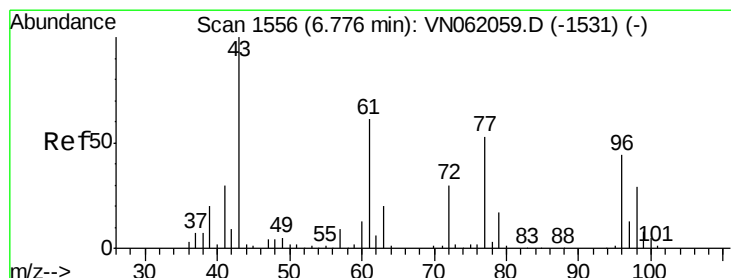
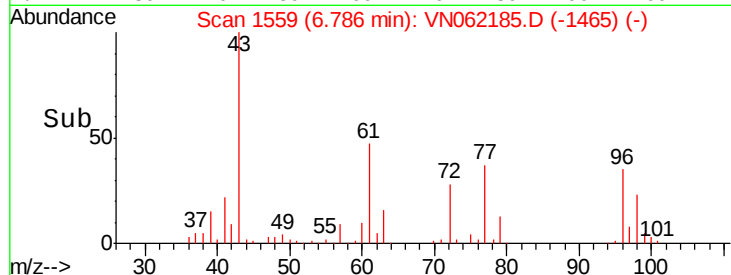
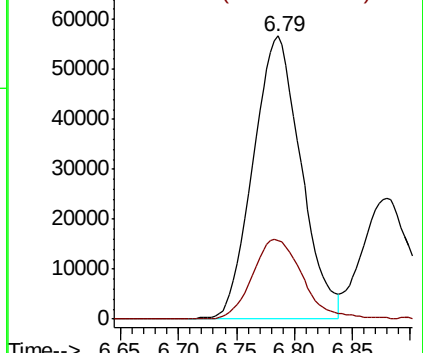
Ion Ratio Lower Upper

43 100

72 27.9 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1532) (-)



#26

2,2-Dichloropropane

Concen: 19.047 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062185.D

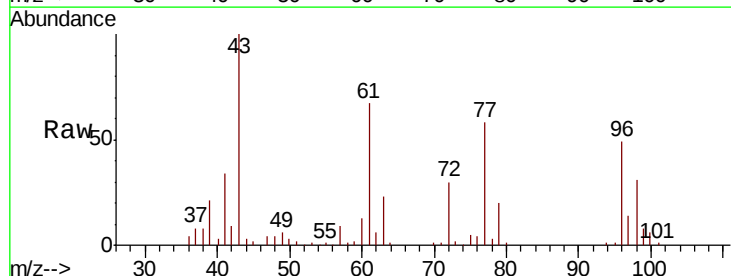
Acq: 29 Jun 2020 14:05

Tgt Ion: 77 Resp: 85093

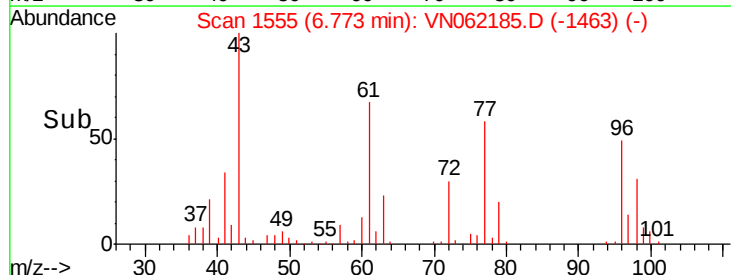
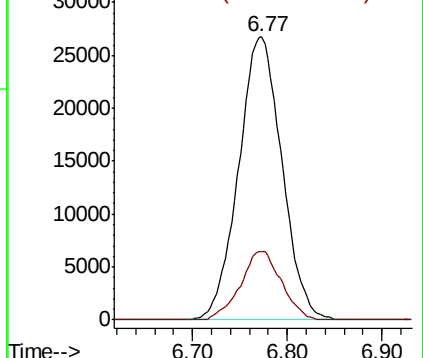
Ion Ratio Lower Upper

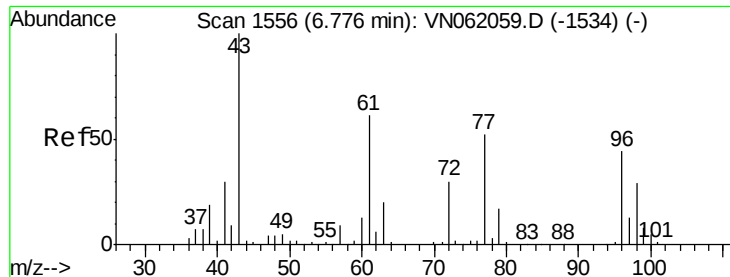
77 100

97 22.9 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN062059.D (-1531) (-)





#27

cis-1,2-Dichloroethene

Concen: 19.161 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0629MBS01

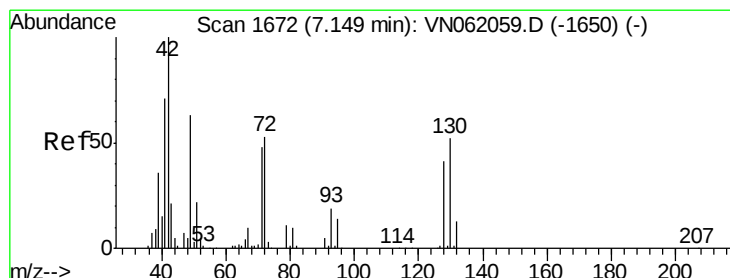
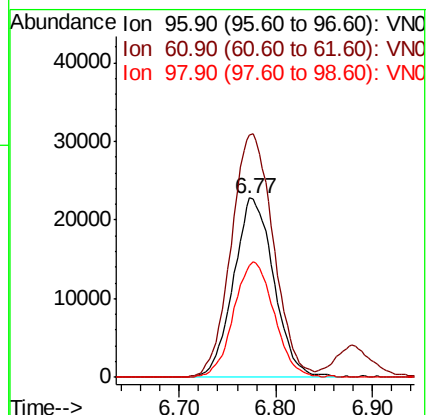
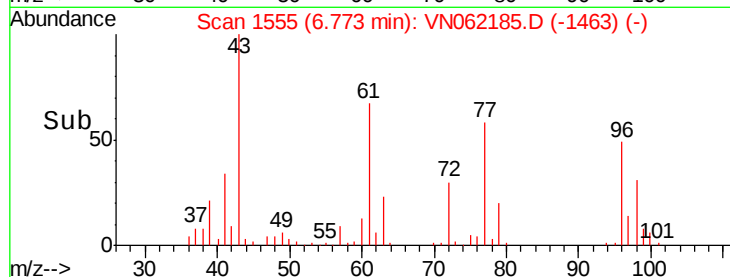
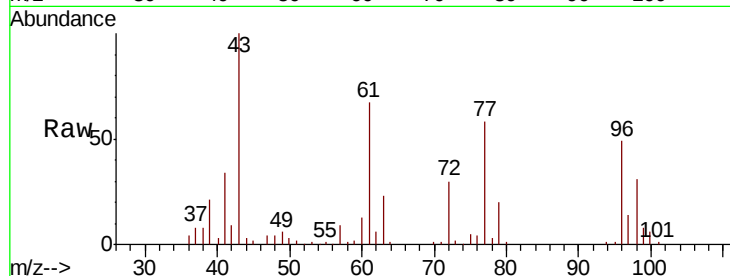
Tot Ion: 96 Resp: 65969

Ion Ratio Lower Upper

96 100

61 142.2 0.0 280.4

98 64.5 0.0 129.4



#28

Bromochloromethane

Concen: 19.224 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

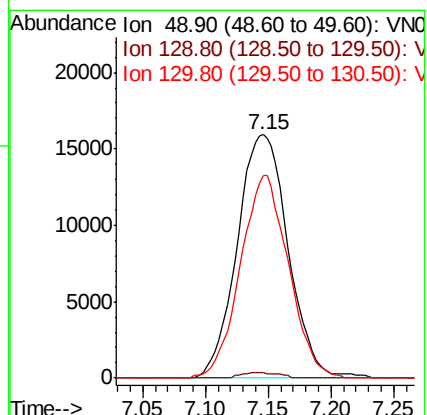
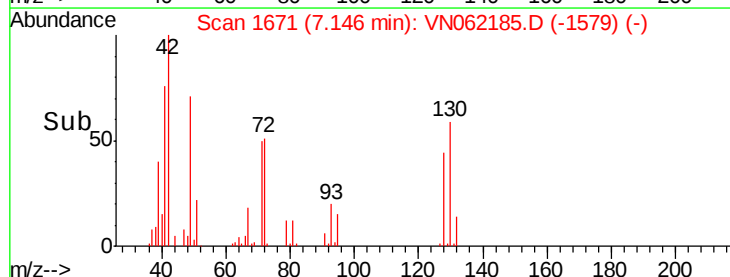
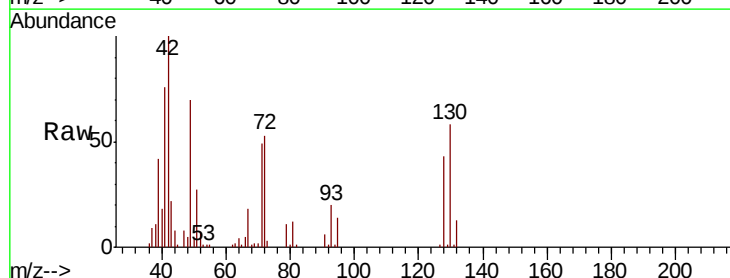
Tgt Ion: 49 Resp: 44718

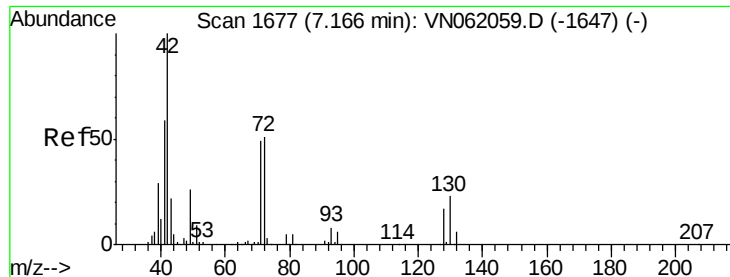
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.4

130 79.1 65.5 98.3

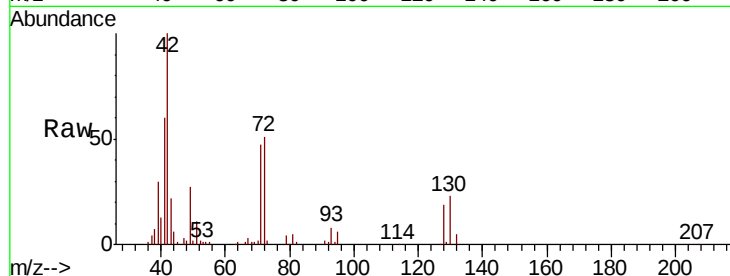




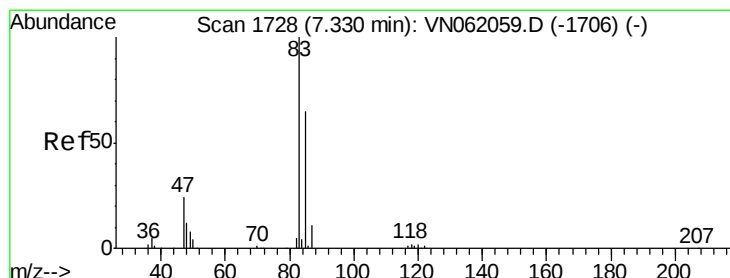
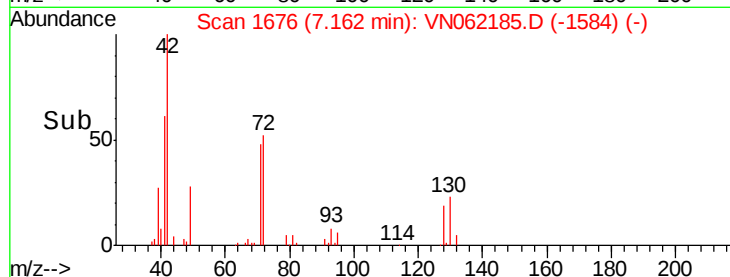
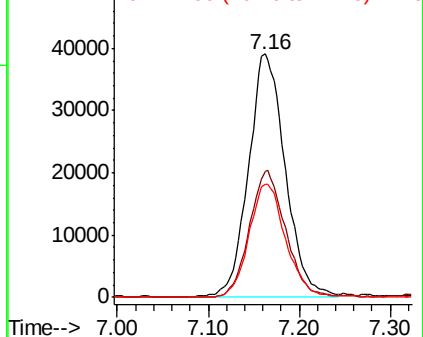
#29
Tetrahydrofuran
Concen: 104.750 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

Instrument :
MSVOA_N
ClientSampled :
VN0629MBS01

Tot Ion: 42 Resp: 110087
Ion Ratio Lower Upper
42 100
72 51.1 41.1 61.7
71 46.2 38.2 57.4

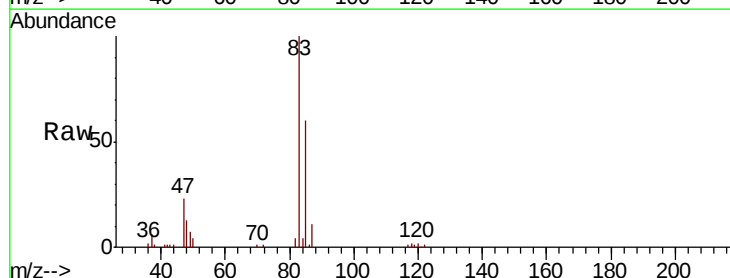


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

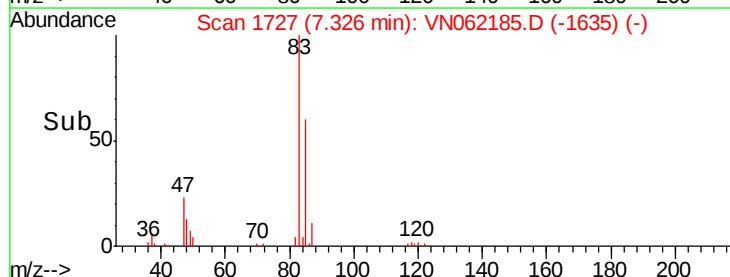
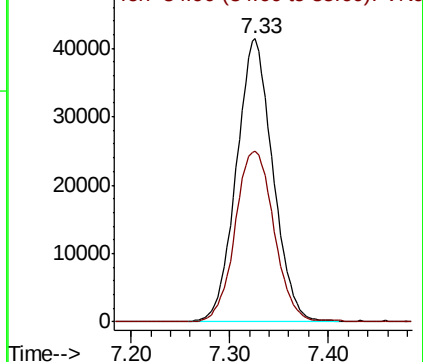


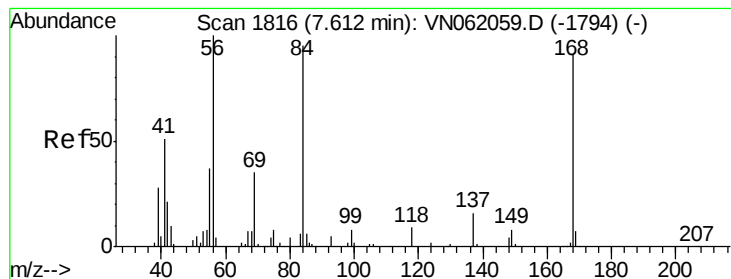
#30
Chloroform
Concen: 19.444 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

Tgt Ion: 83 Resp: 106058
Ion Ratio Lower Upper
83 100
85 60.4 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.400 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0629MBS01

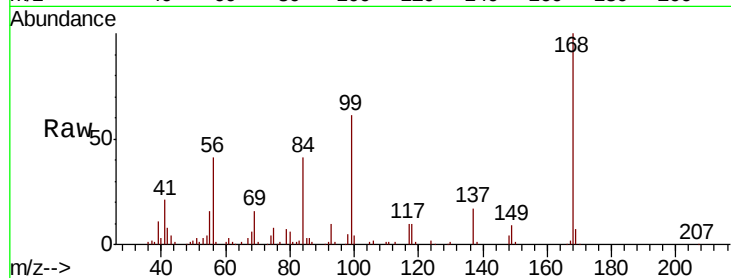
Tot Ion: 56 Resp: 87978

Ion Ratio Lower Upper

56 100

69 39.2 28.0 42.0

84 97.0 76.1 114.1

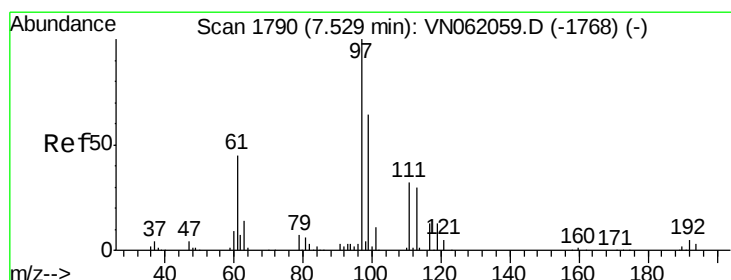
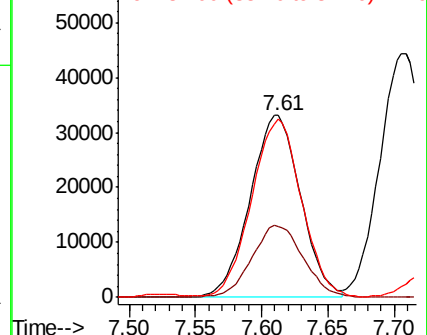
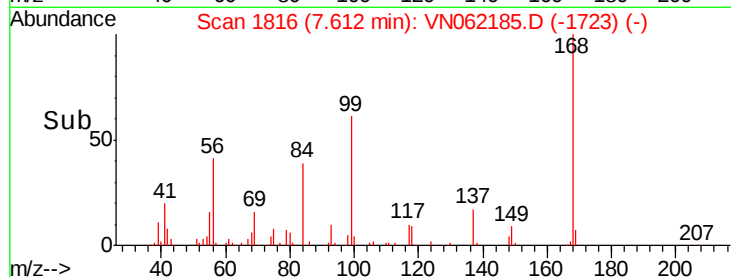


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.773 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

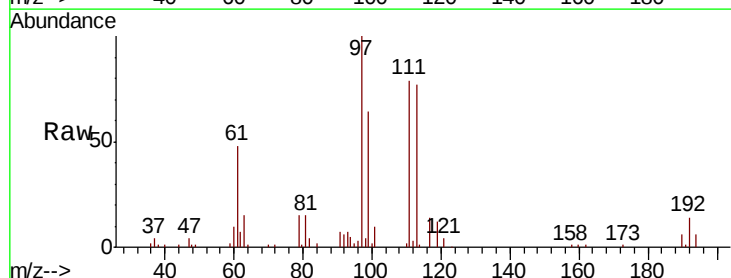
Tgt Ion: 97 Resp: 86355

Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

61 47.6 36.2 54.2

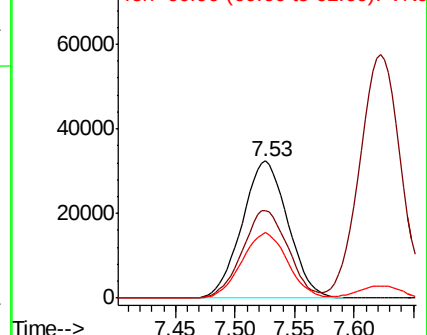
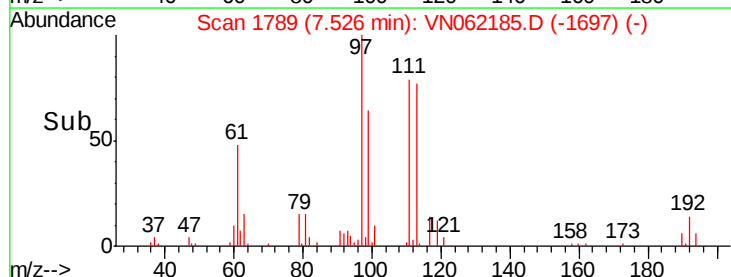


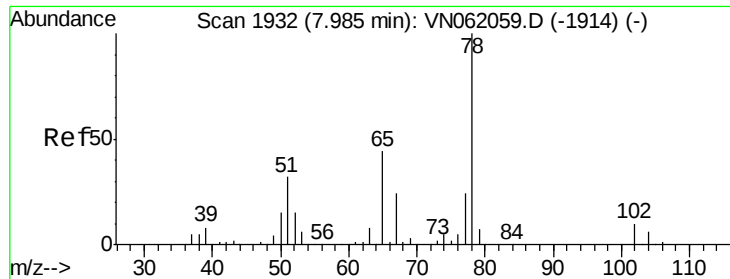
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 51.455 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

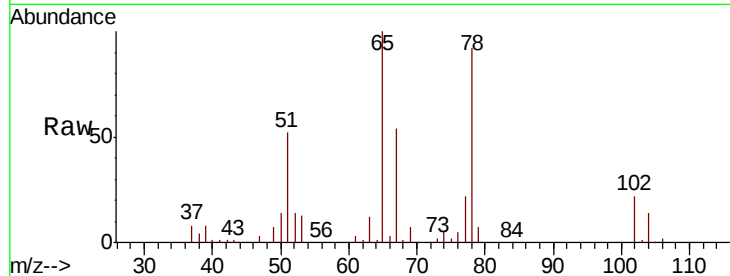
VN0629MBS01

Tot Ion: 65 Resp: 168894

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062185.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062185.D (-1839) (-)

7.99

80000

60000

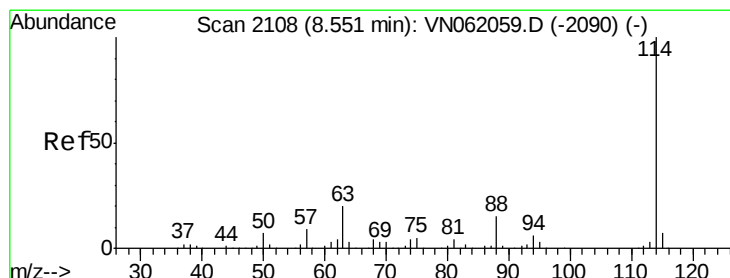
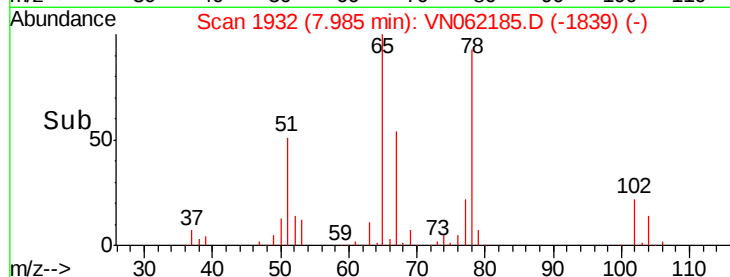
40000

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# 2107

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

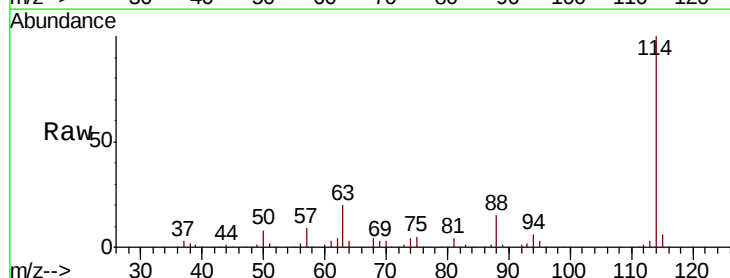
Tgt Ion: 114 Resp: 415019

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

88 15.3 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN062185.D (-2155) (-)

Ion 63.00 (62.70 to 63.70): VN062185.D (-2155) (-)

Ion 87.90 (87.60 to 88.60): VN062185.D (-2155) (-)

8.55

250000

200000

150000

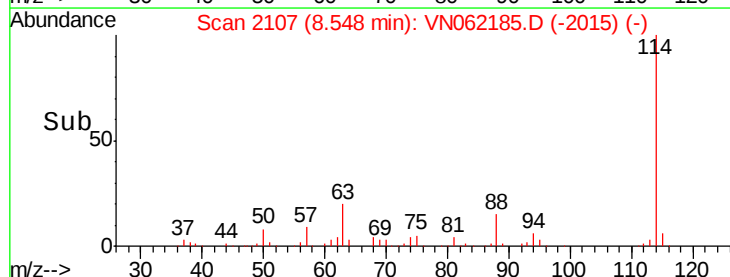
100000

50000

0

8.50 8.55 8.60

Time-->

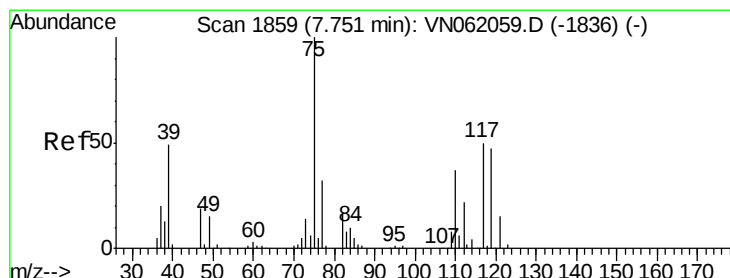
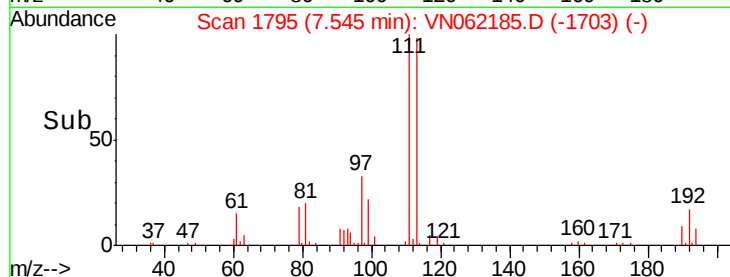
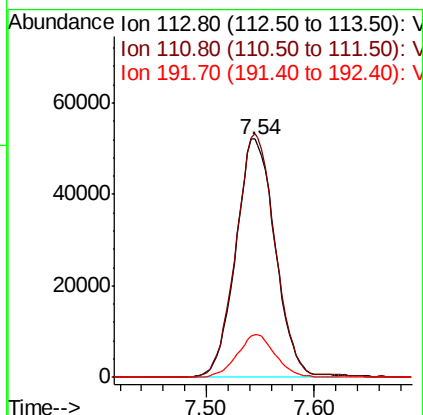
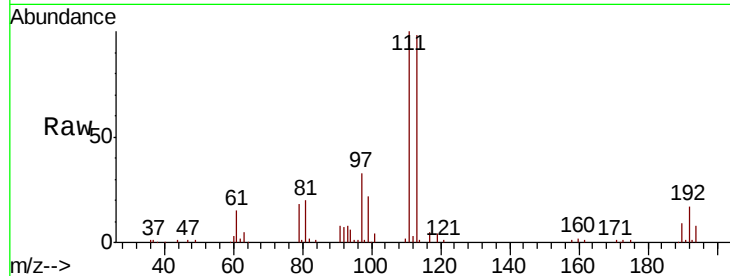




#35
 Dibromofluoromethane
 Concen: 49.784 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062185.D
 Acq: 29 Jun 2020 14:05

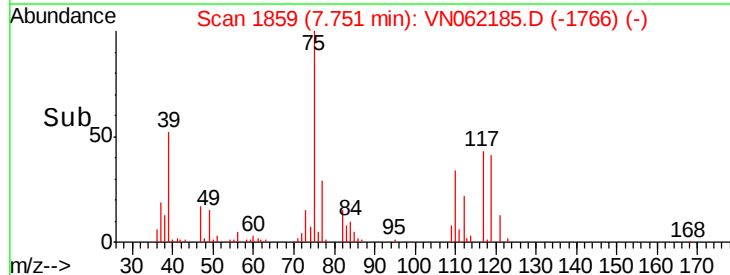
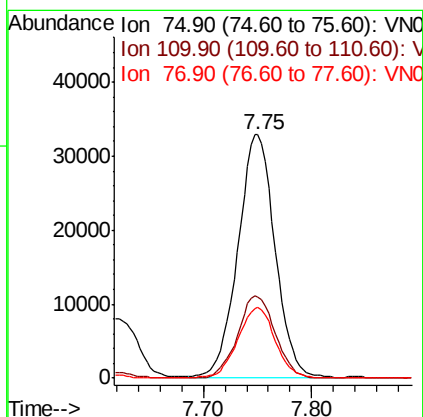
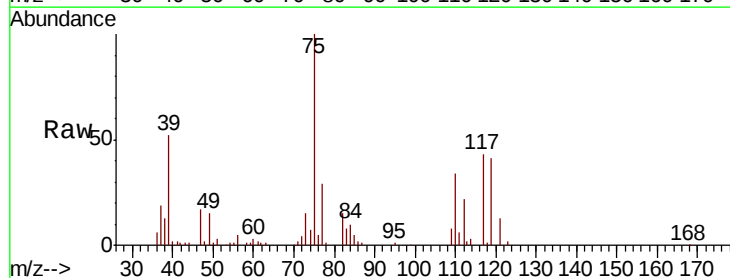
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629MBS01

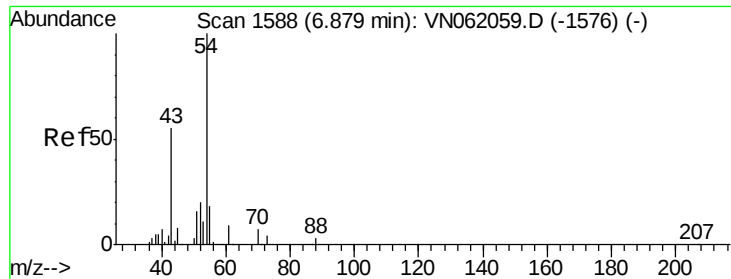
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	17.3	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 18.947 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062185.D
 Acq: 29 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.9	53.8
77	29.1	24.9	37.3

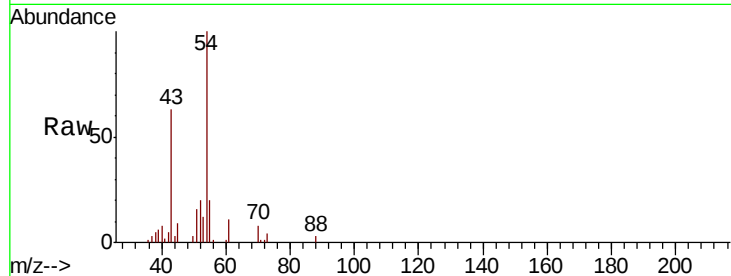




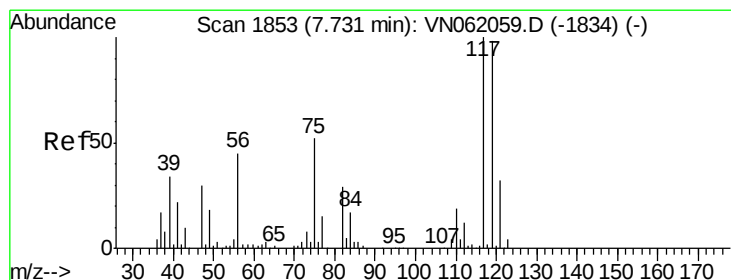
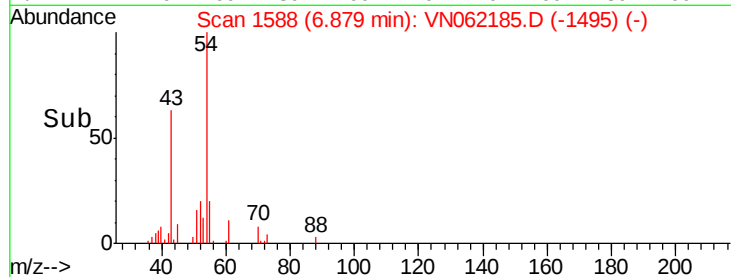
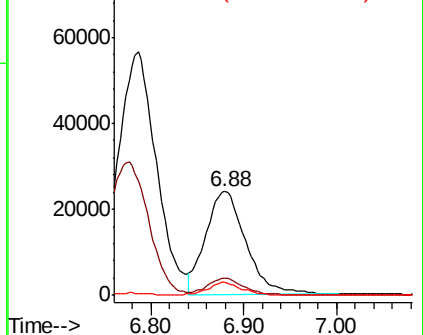
#37
Ethyl Acetate
Concen: 20.929 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0629MBS01

Tot Ion: 43 Resp: 72295
Ion Ratio Lower Upper
43 100
61 15.5 12.0 18.0
70 10.6 9.6 14.4

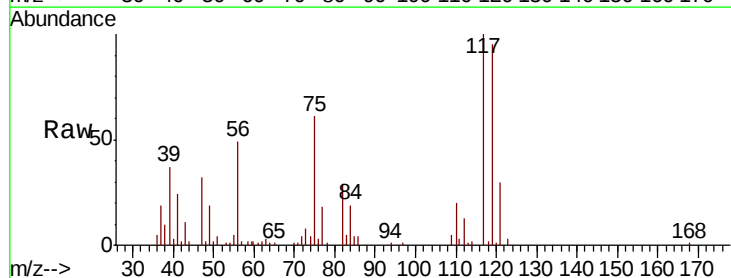


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

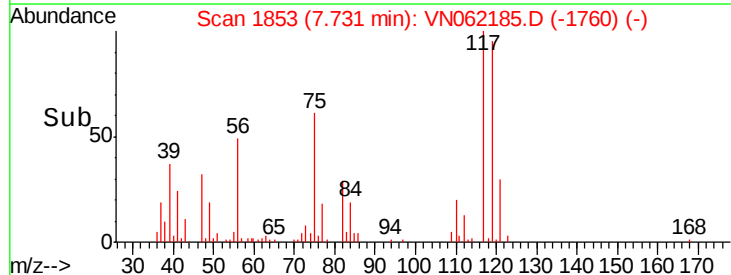
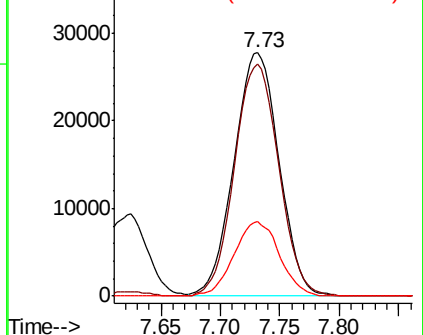


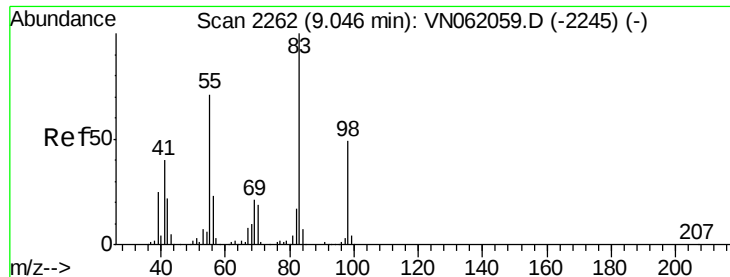
#38
Carbon Tetrachloride
Concen: 18.528 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

Tgt Ion: 117 Resp: 72869
Ion Ratio Lower Upper
117 100
119 95.2 78.2 117.2
121 30.4 25.8 38.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

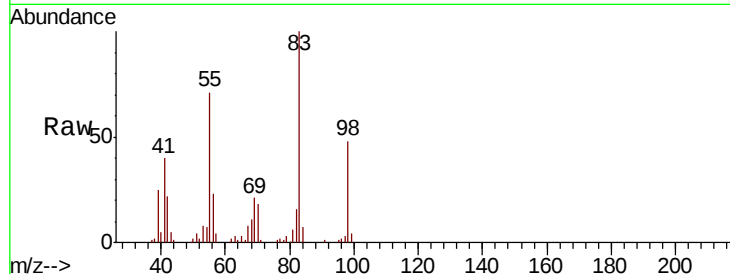




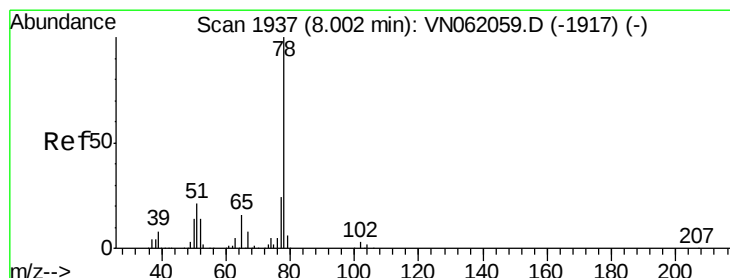
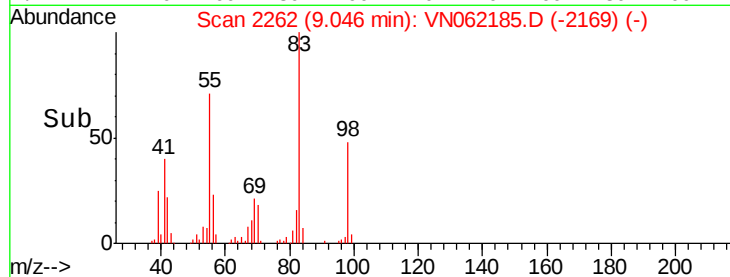
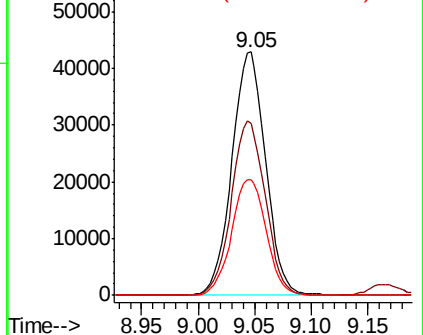
#39
Methvlcvclohexane
Concen: 19.473 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0629MBS01

Tot Ion	83	Resp	89007
Ion Ratio	Lower	Upper	
83	100		
55	70.8	57.0	85.6
98	47.6	39.0	58.6

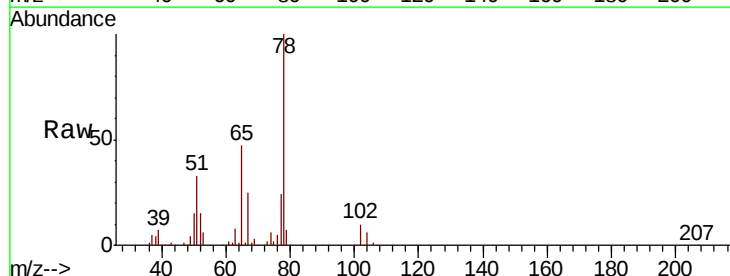


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

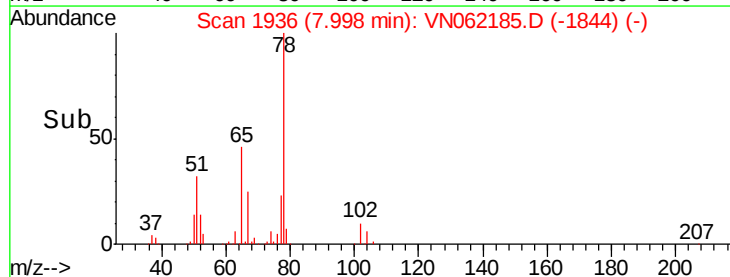
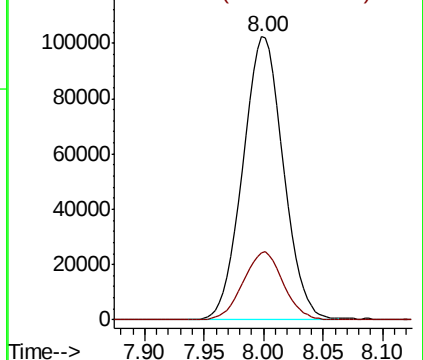


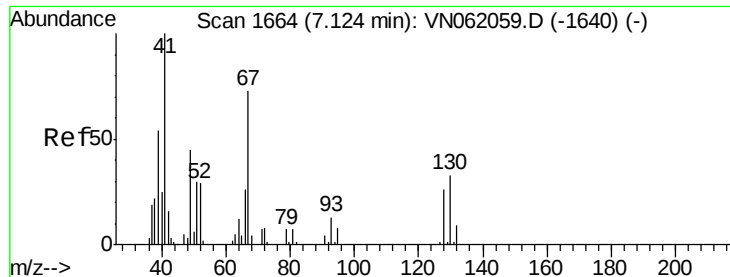
#40
Benzene
Concen: 19.015 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

Tgt Ion	78	Resp	241768
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.5	29.3



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

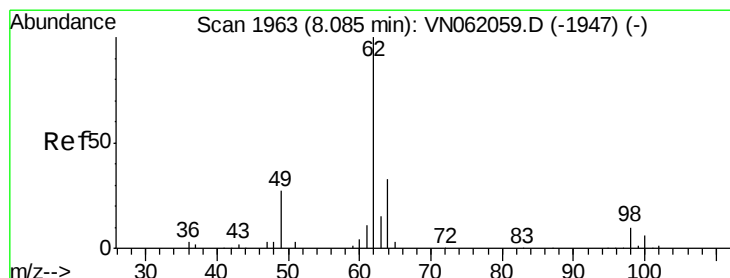
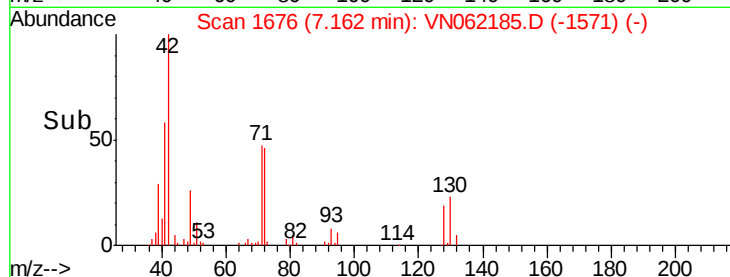
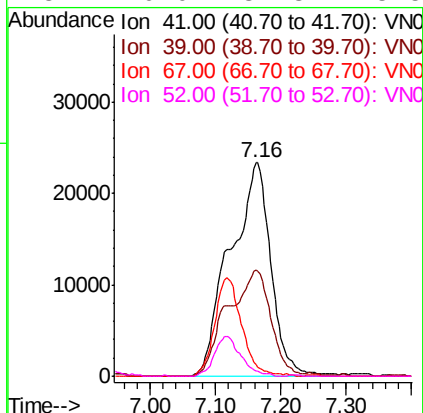
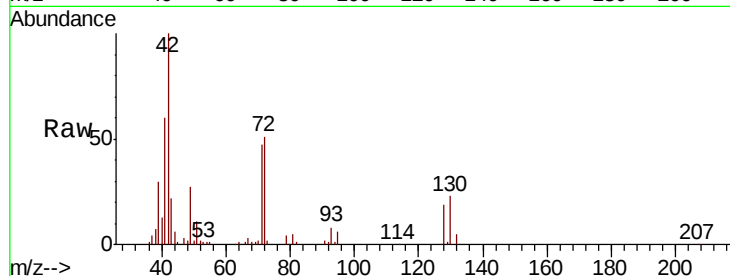




#41
Methacrylonitrile
Concen: 63.059 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.04 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

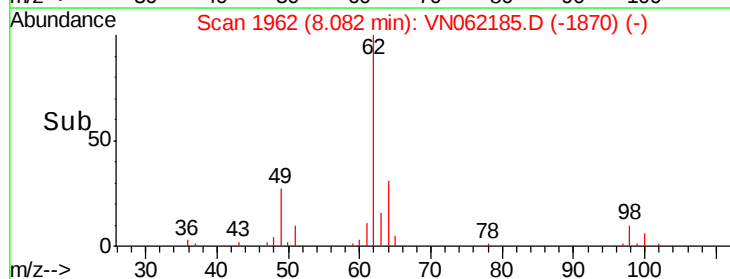
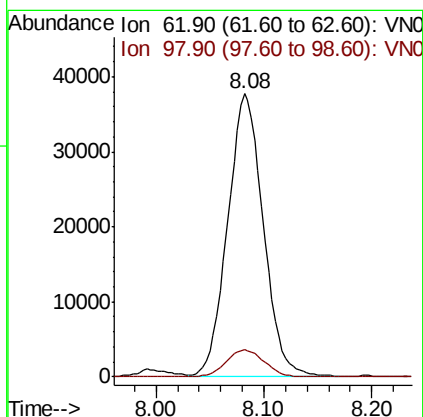
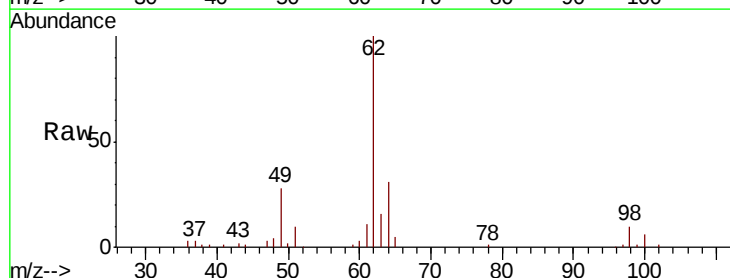
Instrument :
MSVOA_N
ClientSampleId :
VN0629MBS01

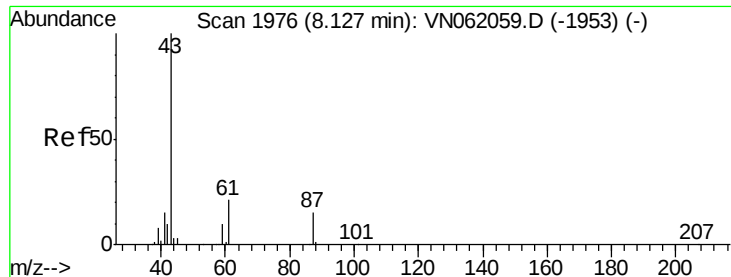
Tot Ion: 41 Resp: 100984
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 20.225 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

Tgt Ion: 62 Resp: 86885
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 20.668 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0629MBS01

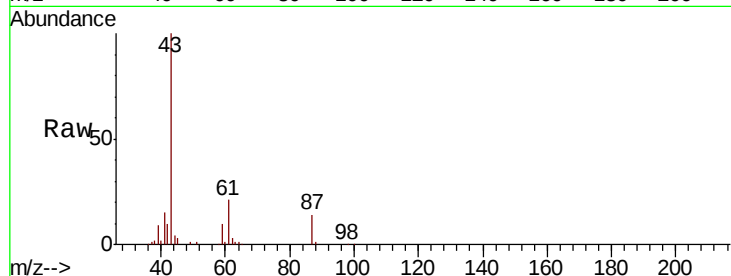
Tot Ion: 43 Resp: 116380

Ion Ratio Lower Upper

43 100

61 28.8 17.2 25.8#

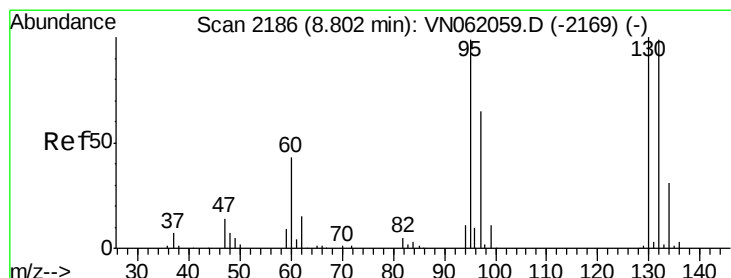
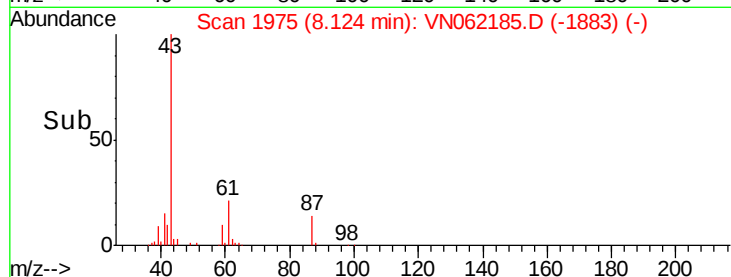
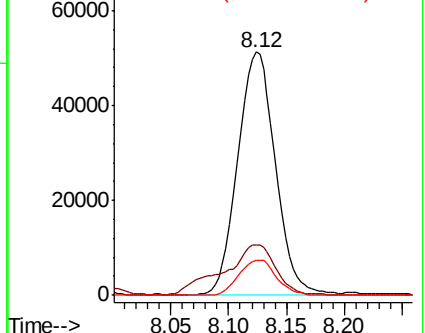
87 14.3 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)



#44

Trichloroethene

Concen: 18.479 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062185.D

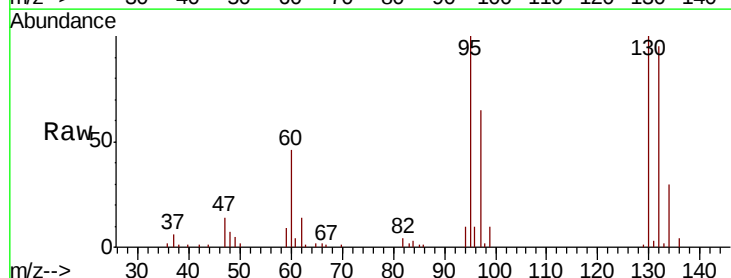
Acq: 29 Jun 2020 14:05

Tgt Ion:130 Resp: 59269

Ion Ratio Lower Upper

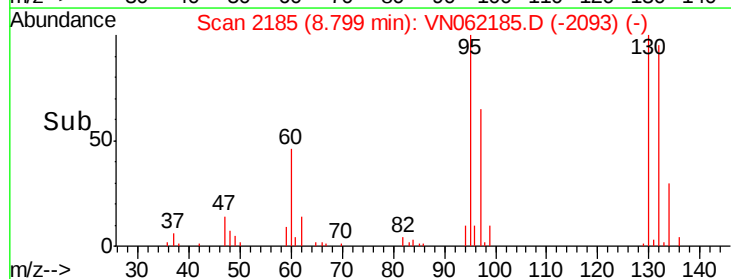
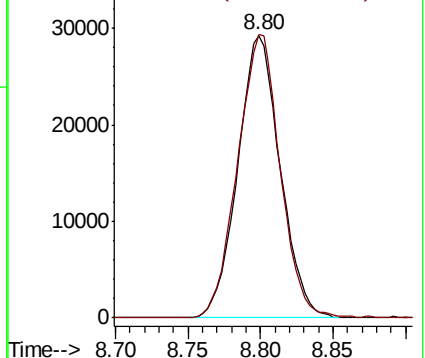
130 100

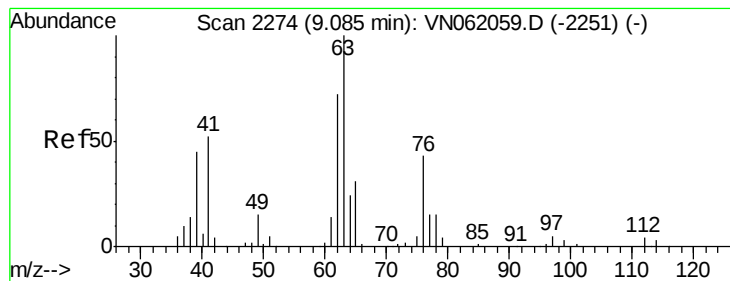
95 100.2 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)





#45

1,2-Dichloropropane

Concen: 20.004 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

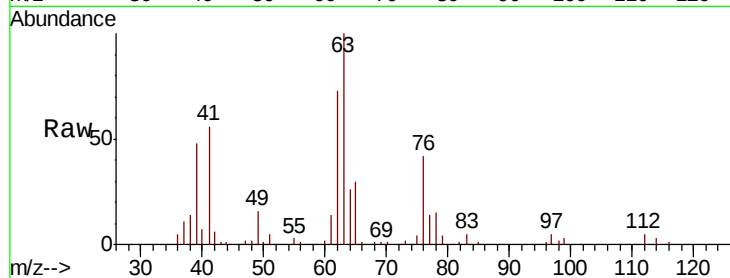
VN0629MBS01

Tot Ion: 63 Resp: 62748

Ion Ratio Lower Upper

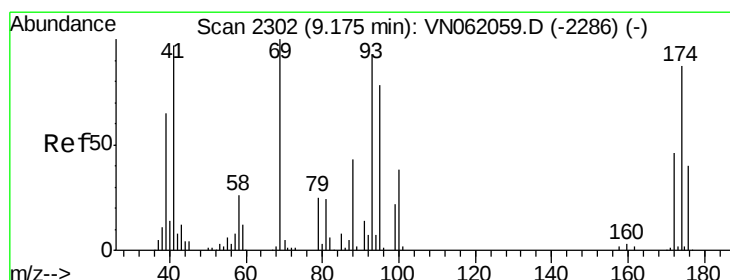
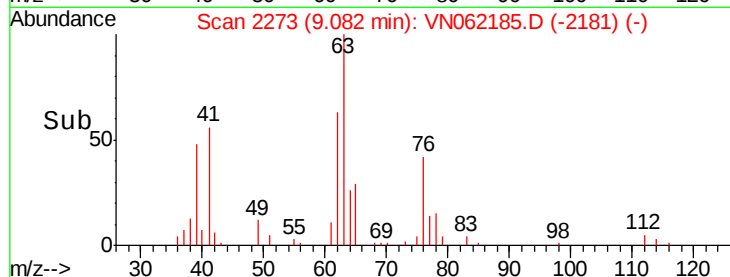
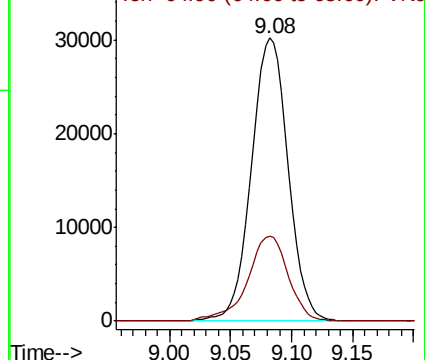
63 100

65 30.1 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.733 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

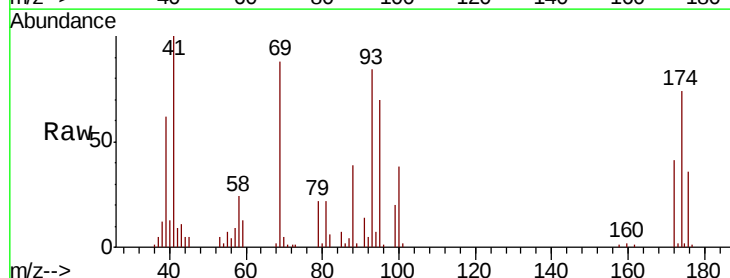
Tgt Ion: 93 Resp: 41968

Ion Ratio Lower Upper

93 100

95 80.7 67.0 100.6

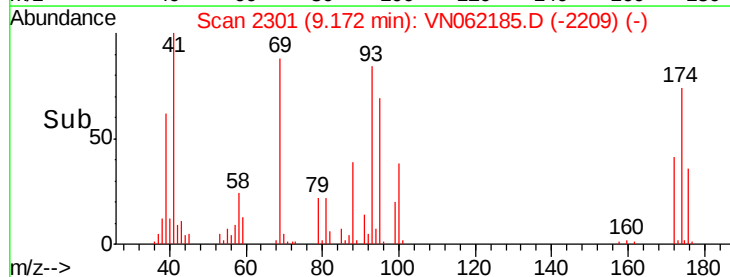
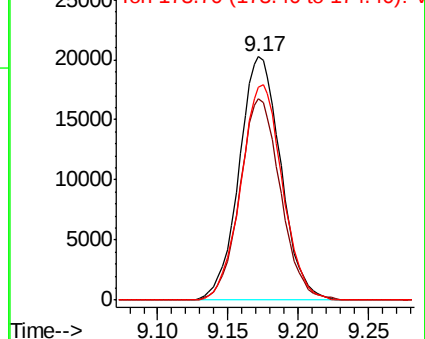
174 87.6 74.4 111.6

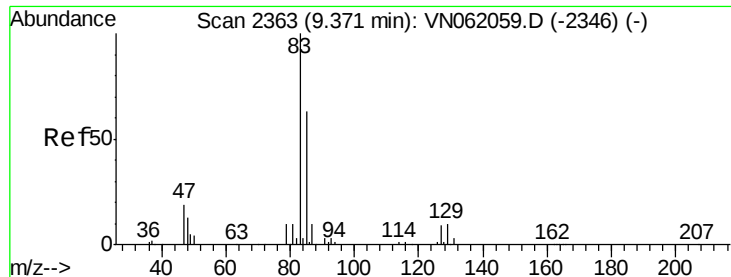


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.512 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampled :

VN0629MBS01

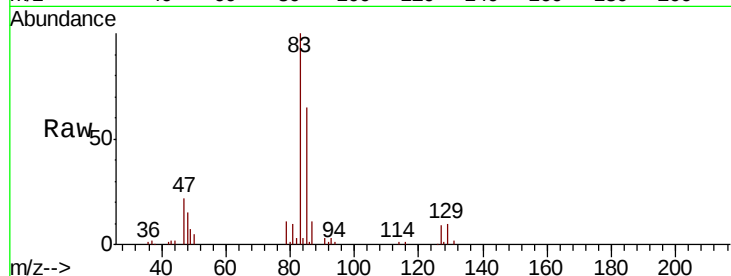
Tot Ion: 83 Resp: 83787

Ion Ratio Lower Upper

83 100

85 65.5 50.3 75.5

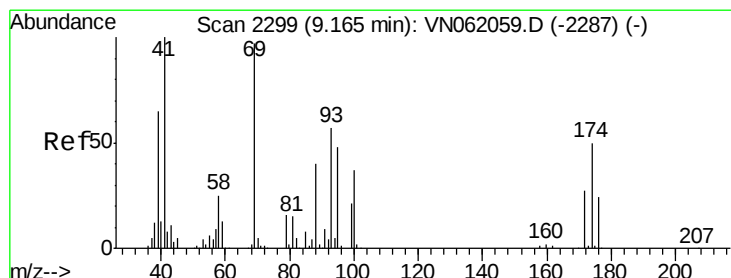
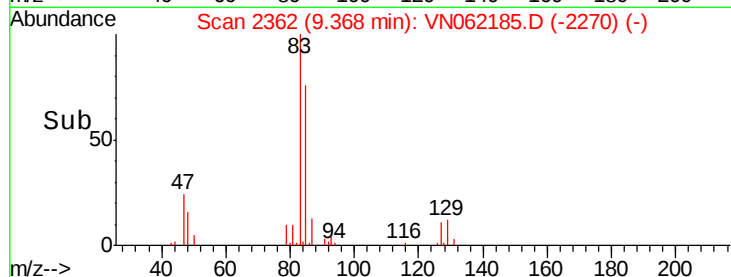
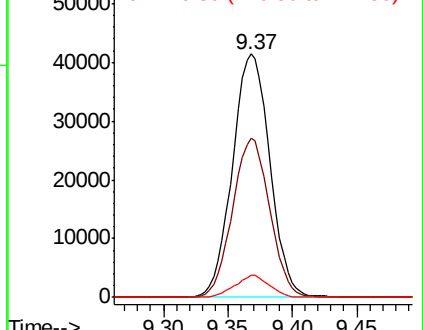
127 9.0 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062185.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062185.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062185.D (-2270) (-)



#48

Methyl methacrylate

Concen: 20.333 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

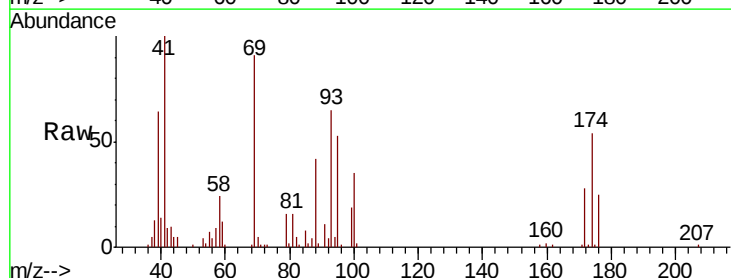
Tgt Ion: 41 Resp: 51337

Ion Ratio Lower Upper

41 100

69 97.3 80.7 121.1

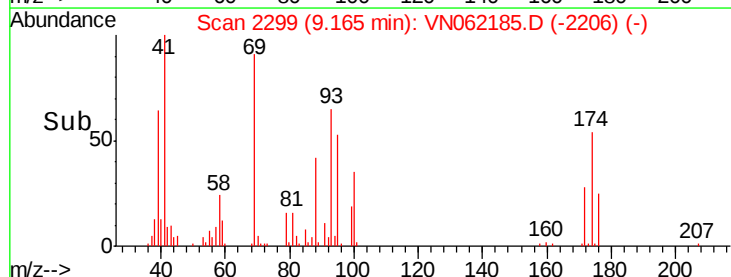
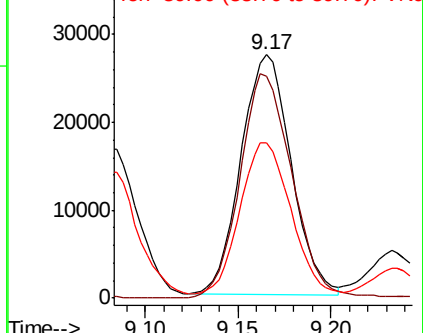
39 64.6 54.5 81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062185.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062185.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062185.D (-2206) (-)

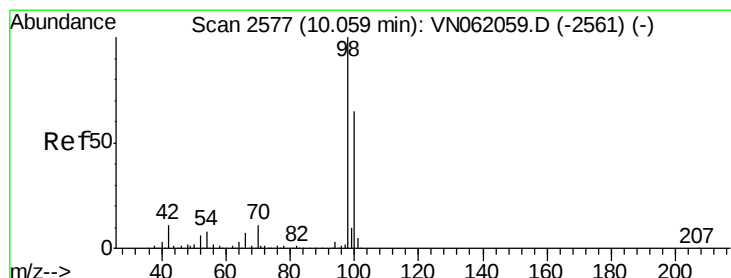
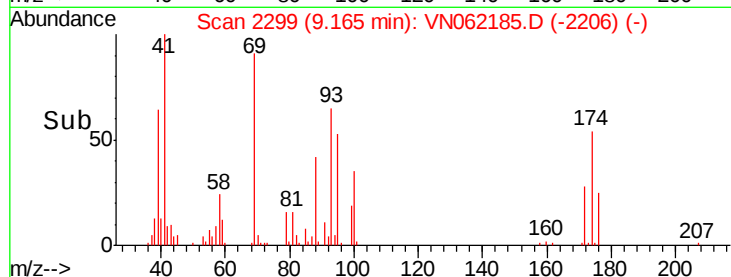
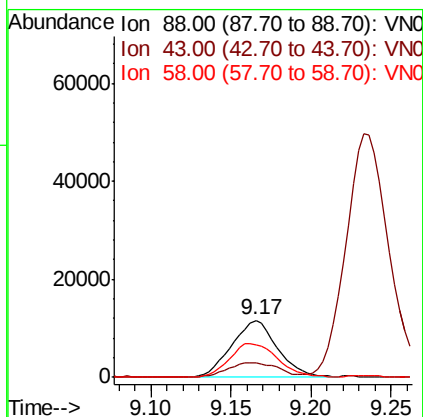
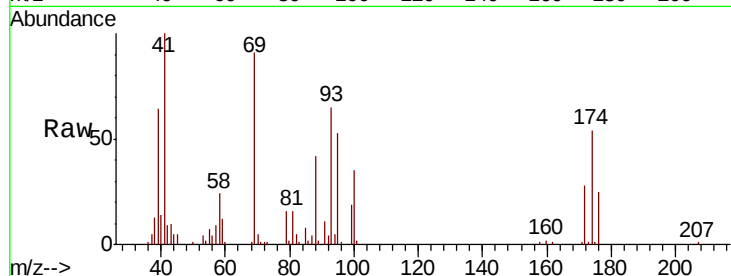




#49
1,4-Dioxane
Concen: 406.533 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

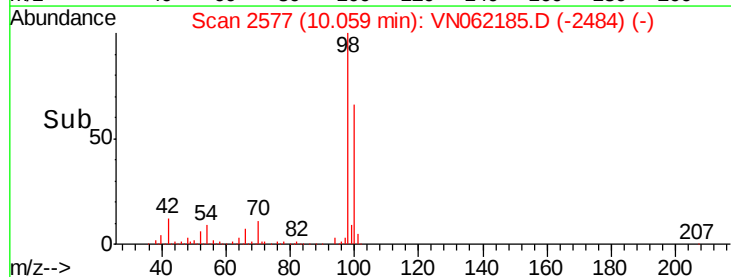
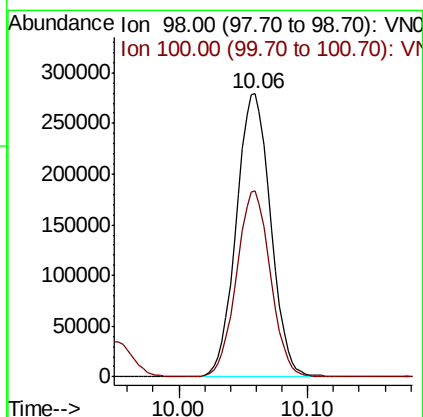
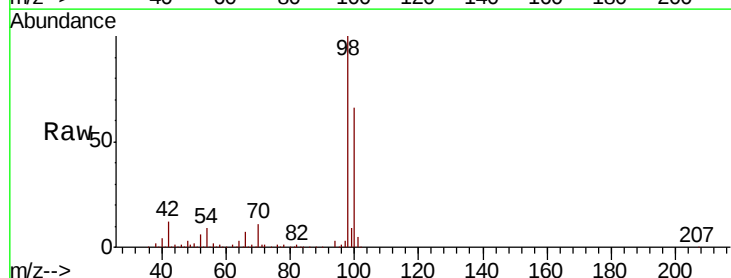
Instrument :
MSVOA_N
ClientSampleId :
VN0629MBS01

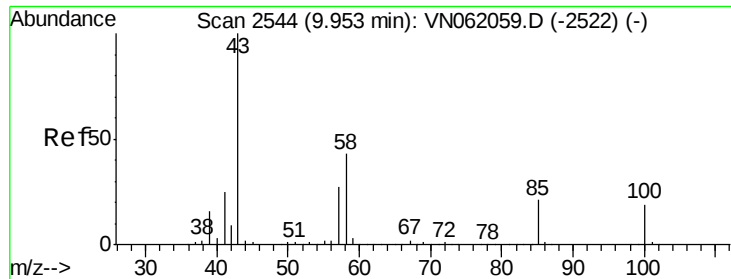
Tot Ion: 88 Resp: 22762
Ion Ratio Lower Upper
88 100
43 29.1 22.0 33.0
58 63.1 49.2 73.8



#50
Toluene-d8
Concen: 48.709 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

Tgt Ion: 98 Resp: 518415
Ion Ratio Lower Upper
98 100
100 64.9 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 104.315 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

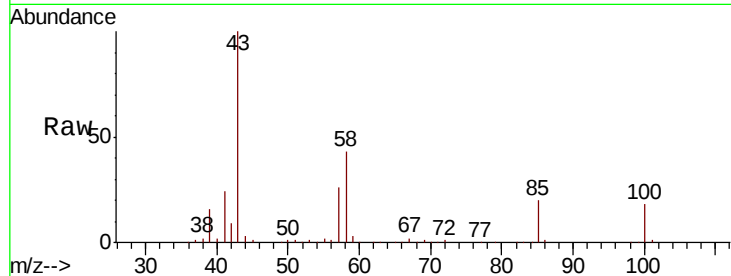
VN0629MBS01

Tot Ion: 43 Resp: 343195

Ion Ratio Lower Upper

43 100

58 42.5 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2522) (-)

9.95

200000

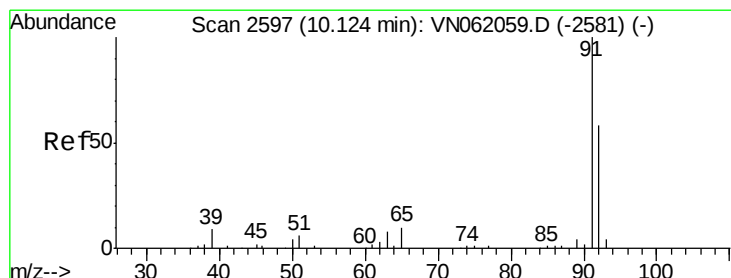
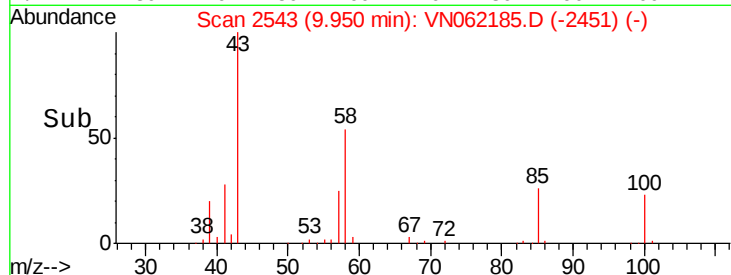
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.402 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062185.D

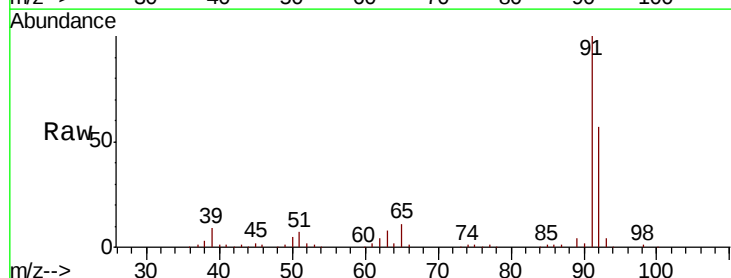
Acq: 29 Jun 2020 14:05

Tgt Ion: 92 Resp: 150520

Ion Ratio Lower Upper

92 100

91 172.6 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062059.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062059.D (-2581) (-)

10.12

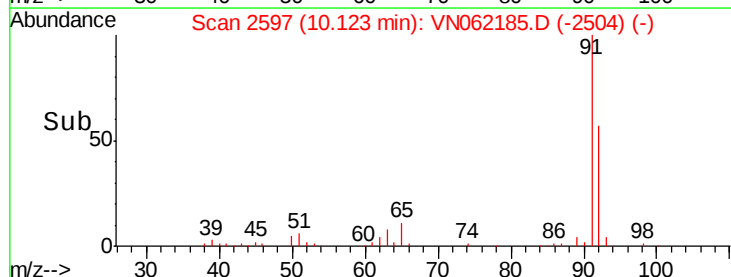
150000

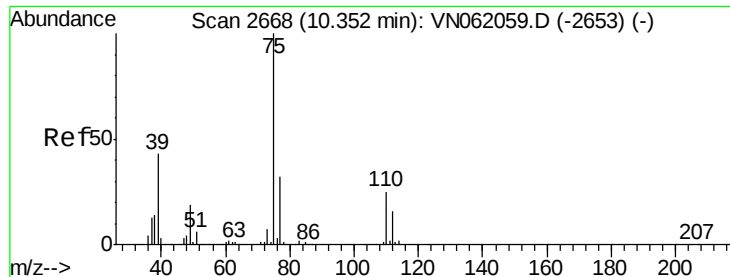
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.740 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampled :

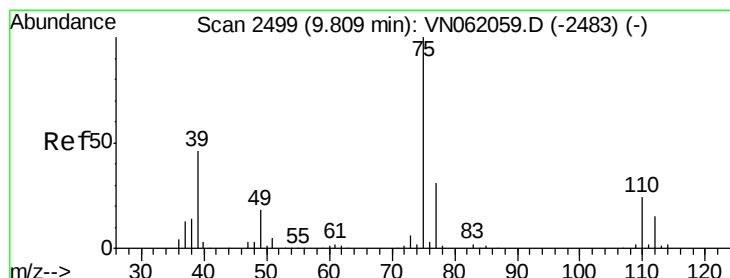
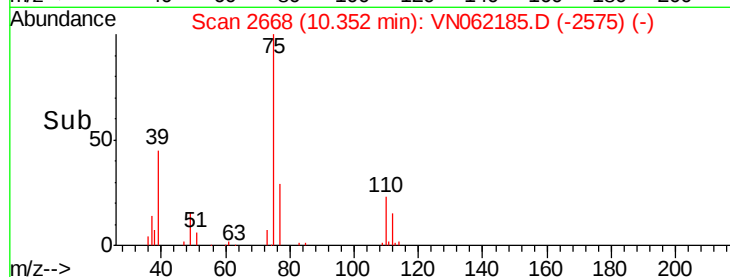
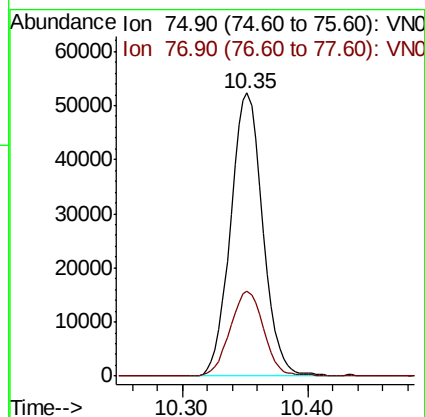
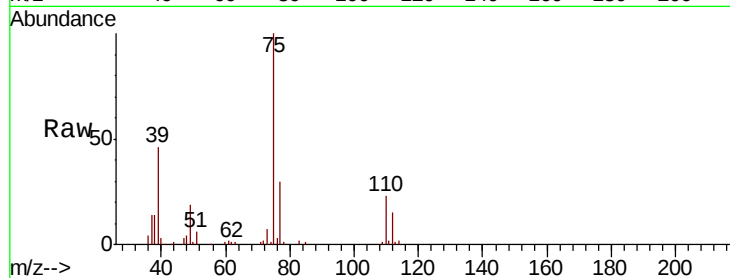
VN0629MBS01

Tot Ion: 75 Resp: 93258

Ion Ratio Lower Upper

75 100

77 29.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 20.494 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

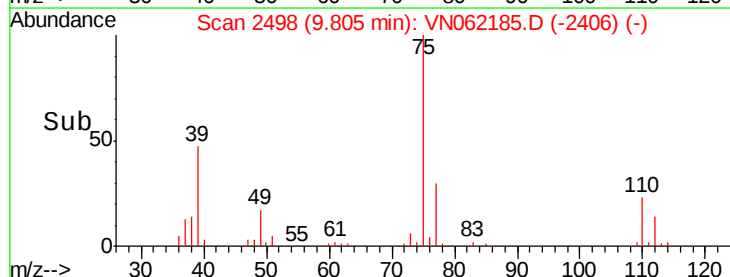
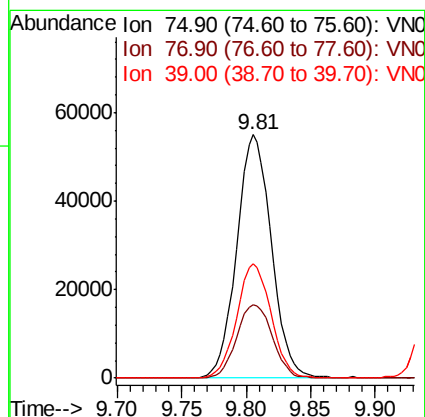
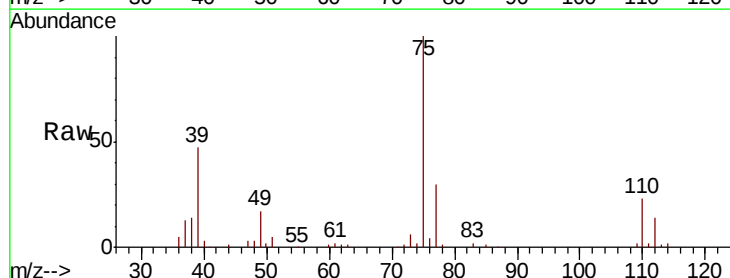
Tgt Ion: 75 Resp: 103080

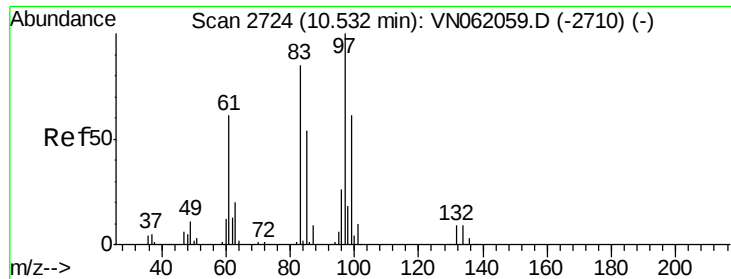
Ion Ratio Lower Upper

75 100

77 29.9 25.0 37.6

39 46.9 36.9 55.3

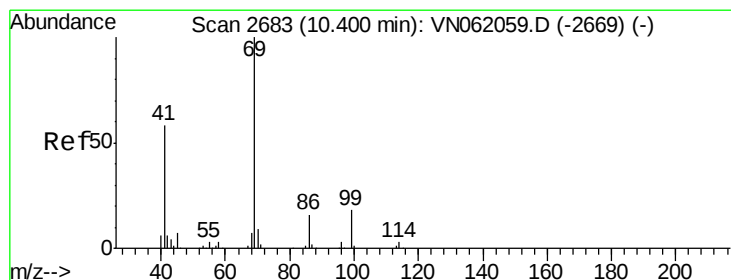
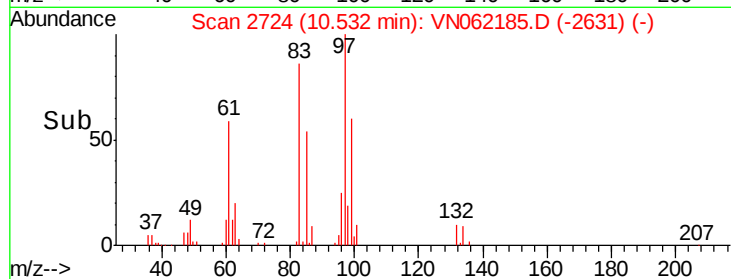
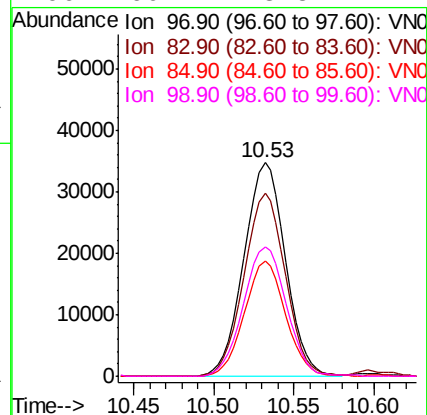
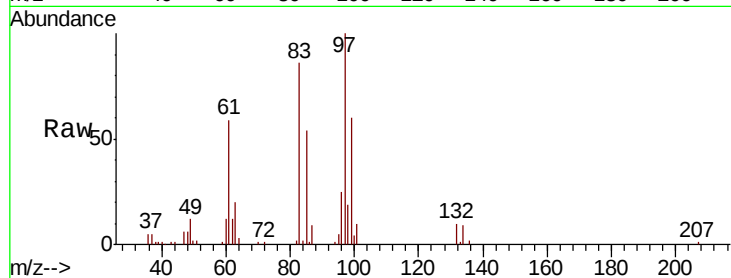




#55
 1,1,2-Trichloroethane
 Concen: 20.151 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062185.D
 Acq: 29 Jun 2020 14:05

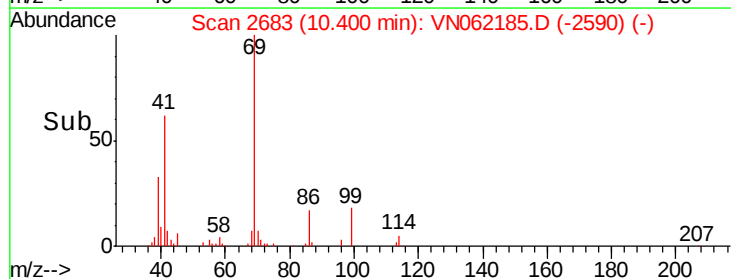
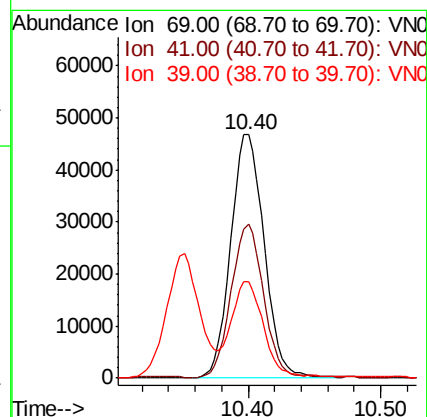
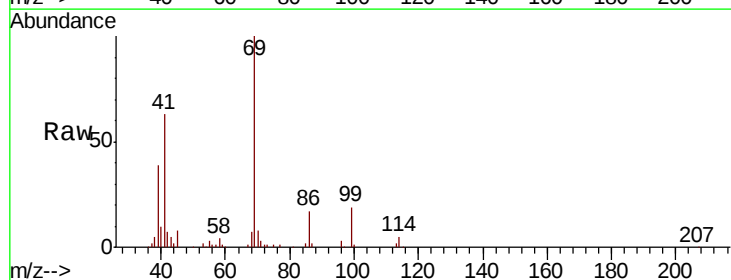
Instrument :
 MSVOA_N
 ClientSampled :
 VN0629MBS01

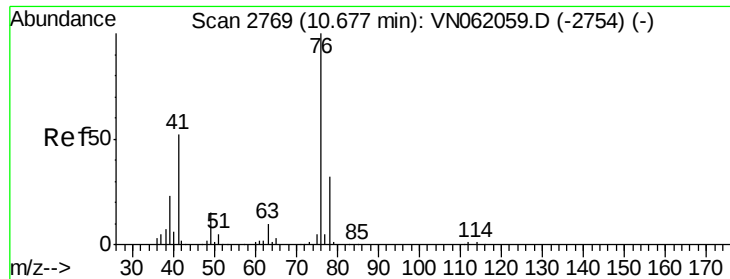
Tot Ion: 97 Resp: 61452
 Ion Ratio Lower Upper
 97 100
 83 85.7 68.2 102.2
 85 54.0 43.2 64.8
 99 60.4 48.5 72.7



#56
 Ethyl methacrylate
 Concen: 20.221 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062185.D
 Acq: 29 Jun 2020 14:05

Tgt Ion: 69 Resp: 82296
 Ion Ratio Lower Upper
 69 100
 41 61.7 46.6 70.0
 39 36.5 31.0 46.4





#57

1,3-Dichloropropane

Concen: 20.021 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

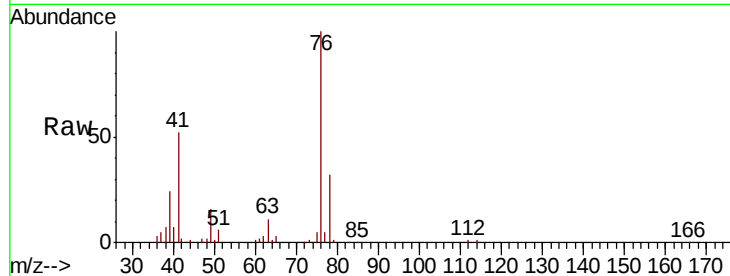
VN0629MBS01

Tot Ion: 76 Resp: 105090

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN062185.D (-2676) (-)

Ion 77.90 (77.60 to 78.60): VN062185.D (-2676) (-)

10.68

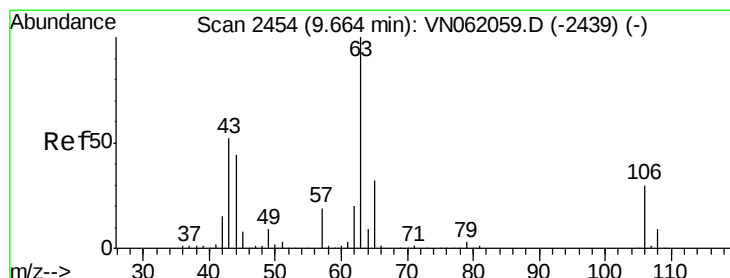
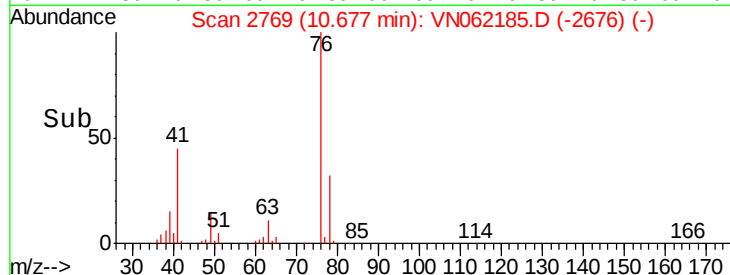
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 99.229 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062185.D

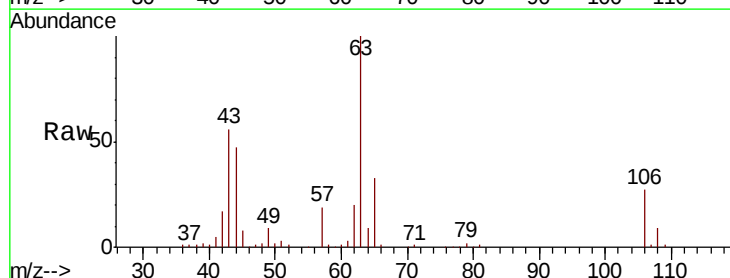
Acq: 29 Jun 2020 14:05

Tgt Ion: 63 Resp: 153952

Ion Ratio Lower Upper

63 100

106 28.2 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VN062185.D (-2360) (-)

Ion 105.90 (105.60 to 106.60): VN062185.D (-2360) (-)

9.66

100000

80000

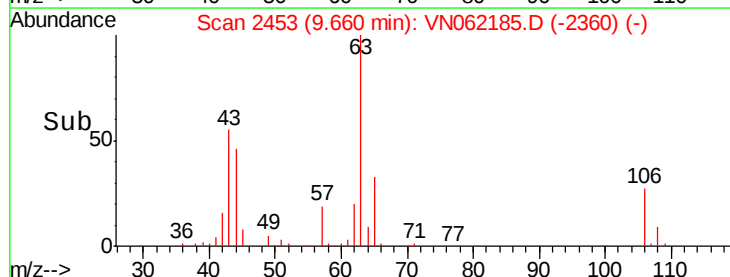
60000

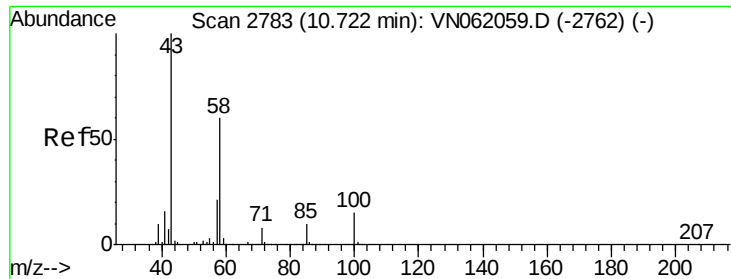
40000

20000

0

Time-->

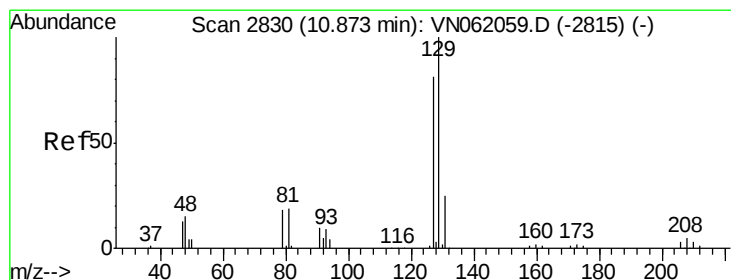
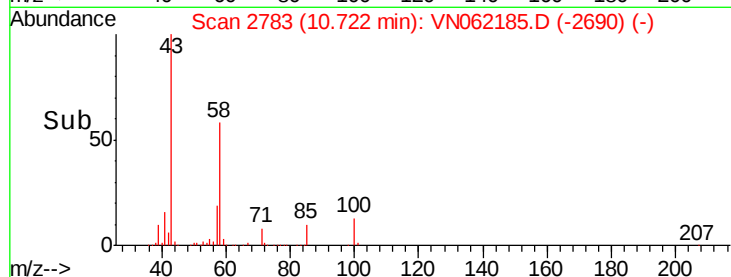
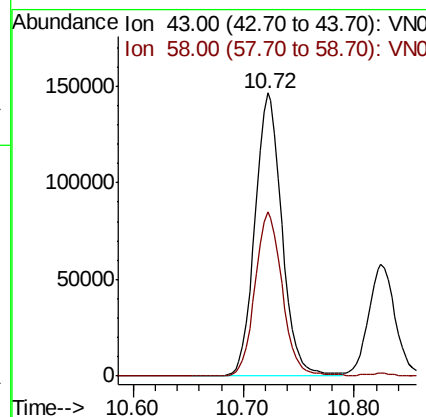
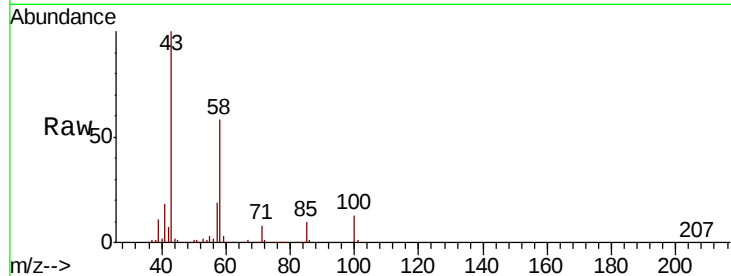




#59
2-Hexanone
Concen: 104.395 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

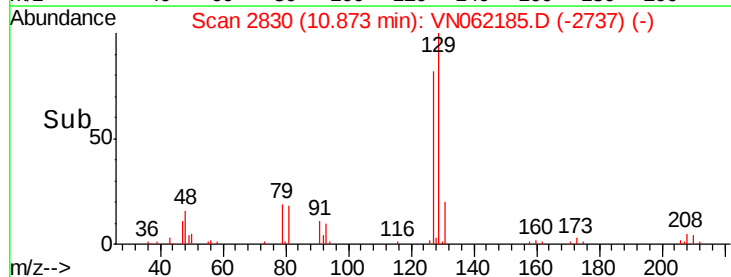
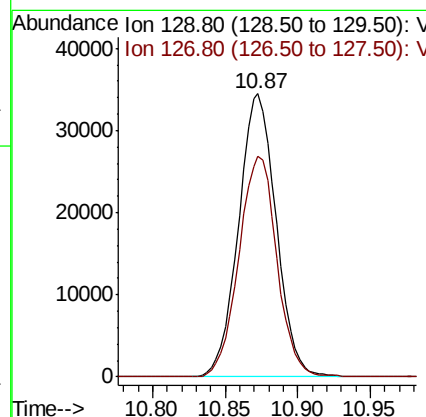
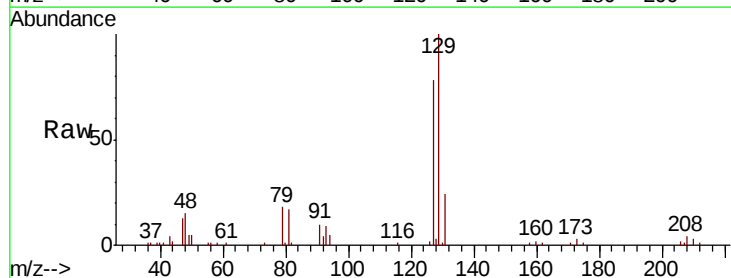
Instrument :
MSVOA_N
ClientSampleId :
VN0629MBS01

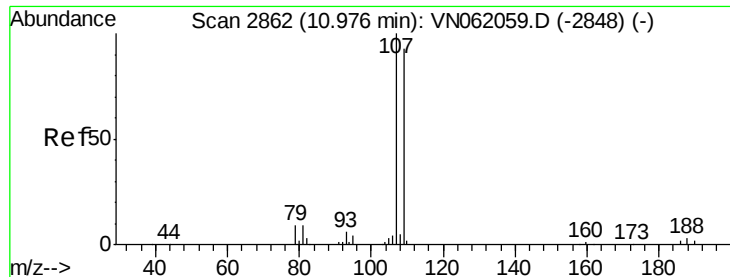
Tot Ion: 43 Resp: 248010
Ion Ratio Lower Upper
43 100
58 58.5 29.5 88.5



#60
Dibromochloromethane
Concen: 19.206 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

Tgt Ion: 129 Resp: 62010
Ion Ratio Lower Upper
129 100
127 78.7 39.5 118.5





#61

1,2-Dibromoethane

Concen: 19.142 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

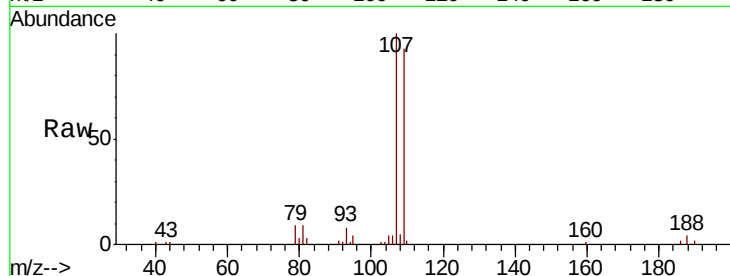
VN0629MBS01

Tot Ion:107 Resp: 59982

Ion Ratio Lower Upper

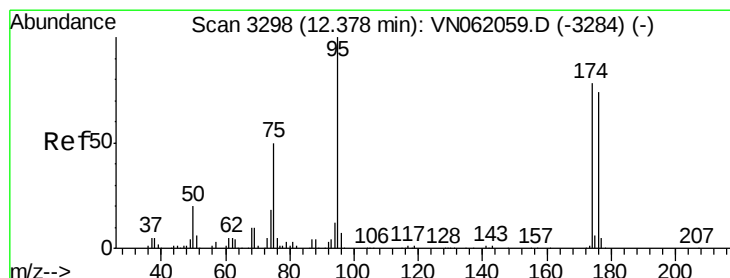
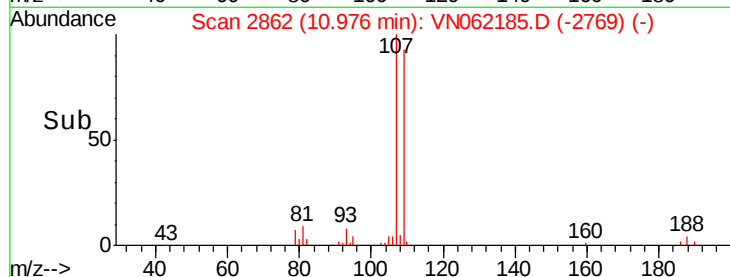
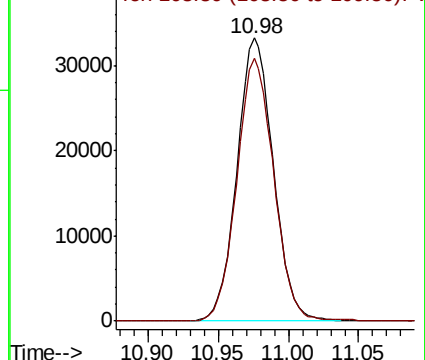
107 100

109 94.0 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.986 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

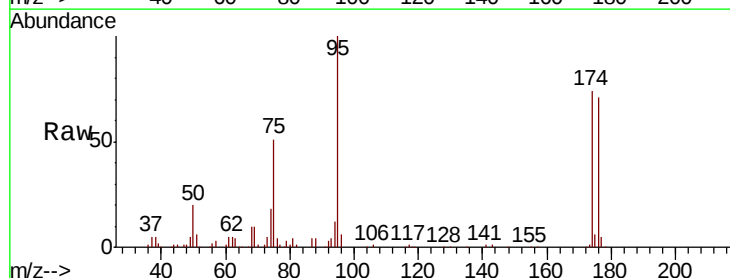
Tgt Ion: 95 Resp: 176146

Ion Ratio Lower Upper

95 100

174 74.9 0.0 154.8

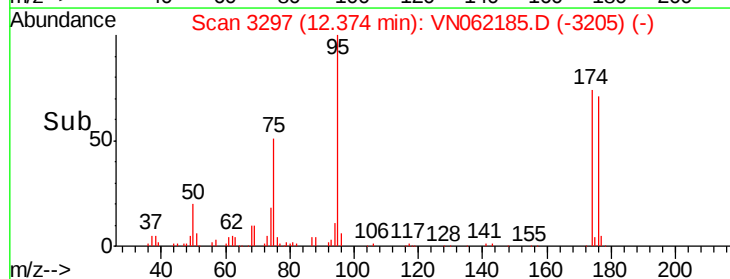
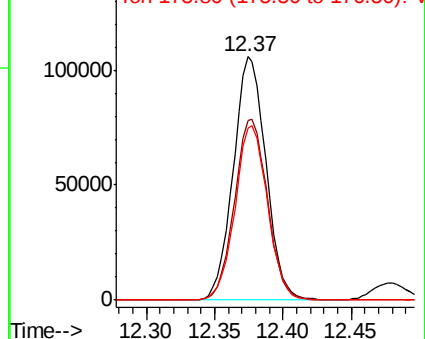
176 71.0 0.0 147.4

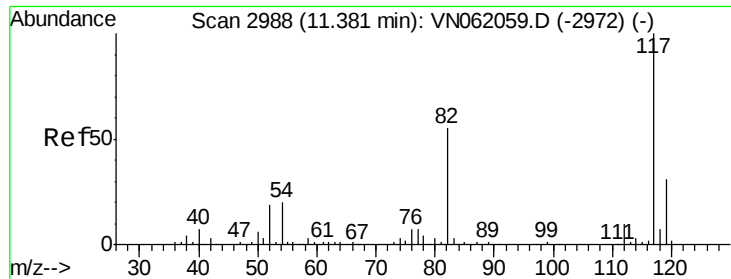


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

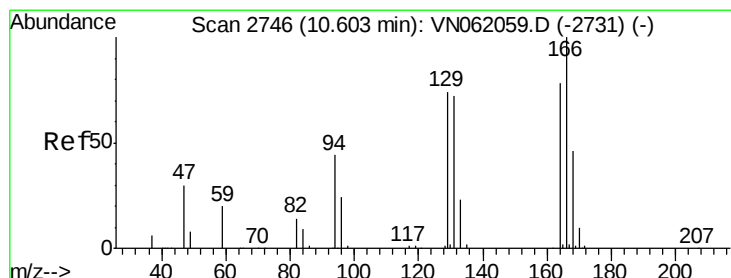
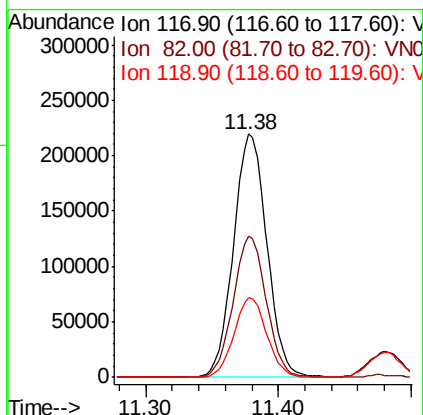
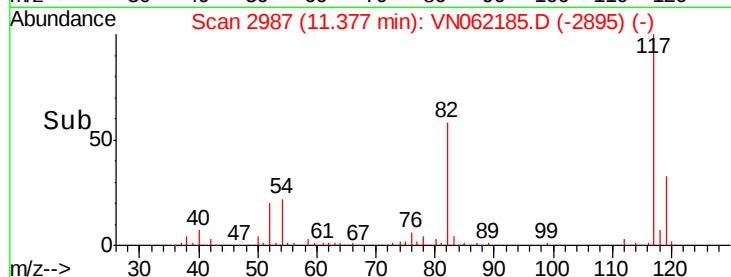
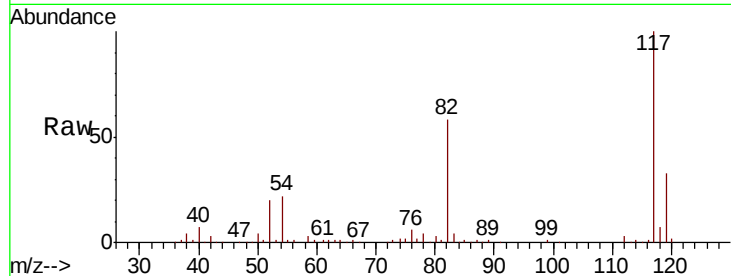




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

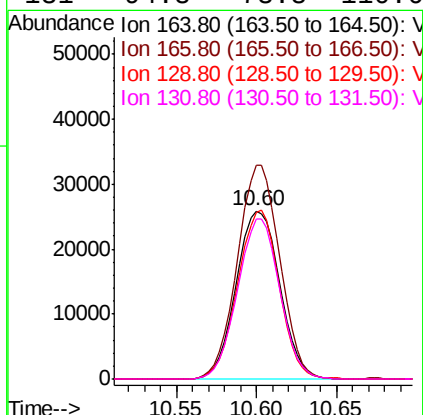
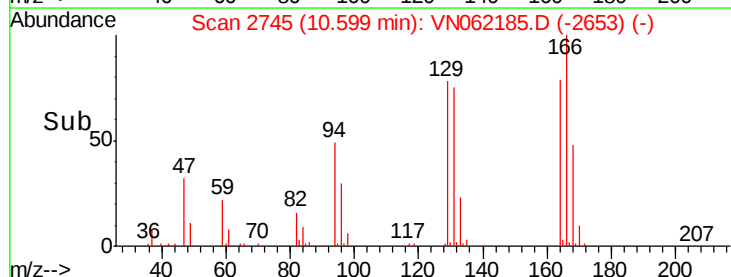
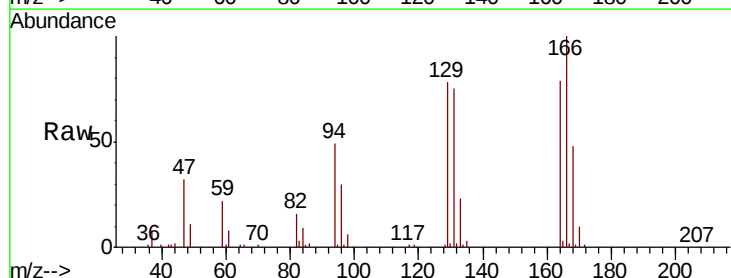
Instrument :
MSVOA_N
ClientSampleId :
VN0629MBS01

Tot Ion:117 Resp: 383978
Ion Ratio Lower Upper
117 100
82 58.2 43.8 65.8
119 32.8 25.2 37.8



#64
Tetrachloroethene
Concen: 18.369 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

Tgt Ion:164 Resp: 48181
Ion Ratio Lower Upper
164 100
166 126.9 102.9 154.3
129 98.9 75.8 113.8
131 94.8 73.8 110.6

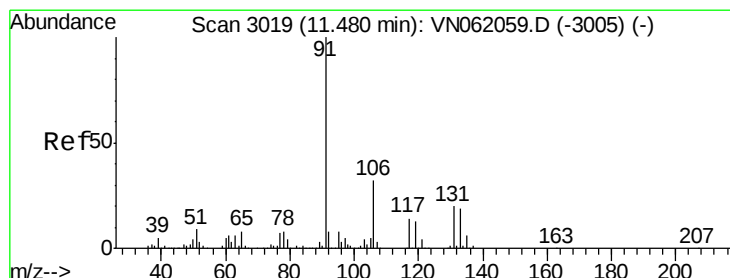
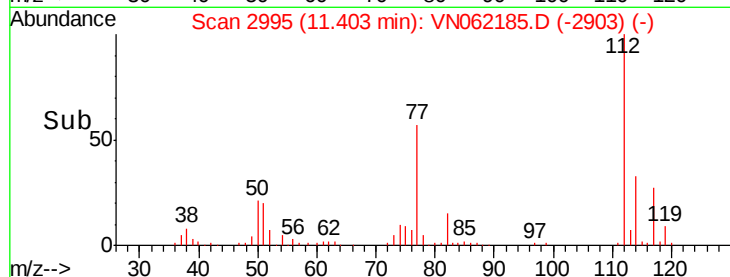
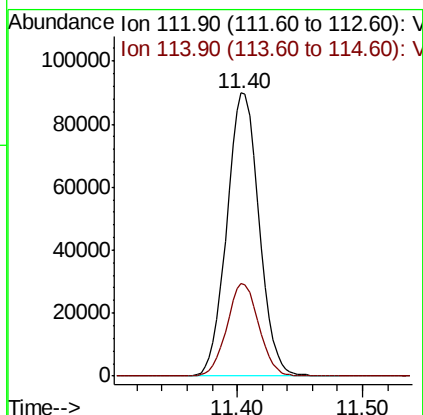
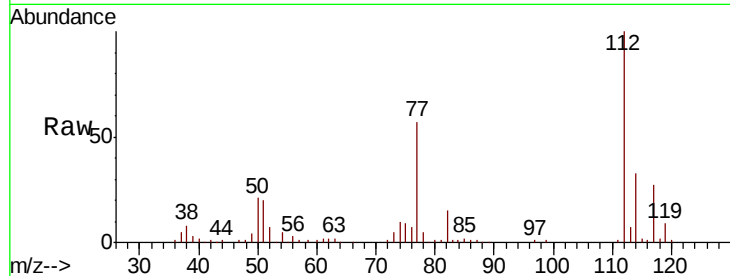




#65
Chlorobenzene
Concen: 19.015 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

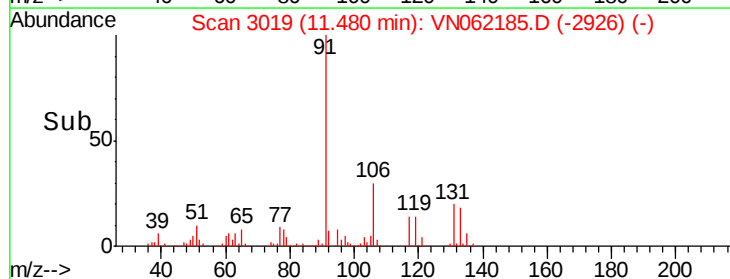
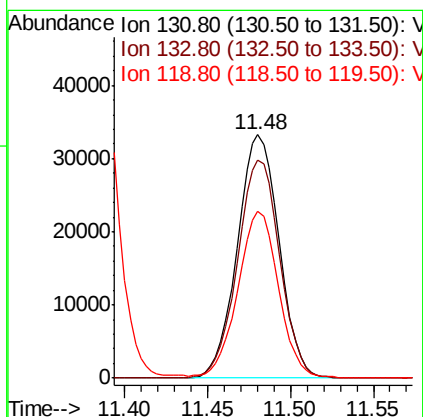
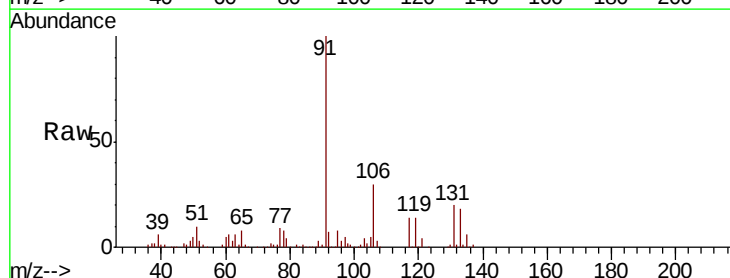
Instrument :
MSVOA_N
ClientSampled :
VN0629MBS01

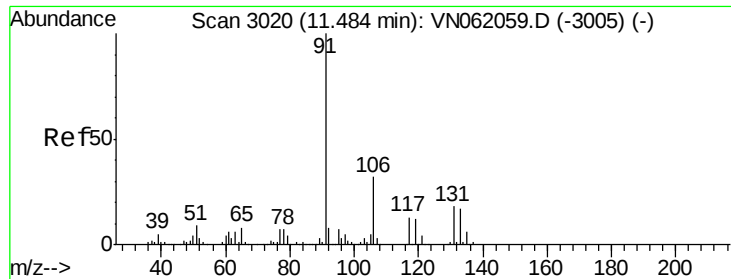
Tot Ion:112 Resp: 160335
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.938 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

Tgt Ion:131 Resp: 58134
Ion Ratio Lower Upper
131 100
133 90.6 47.6 142.9
119 67.1 34.4 103.3

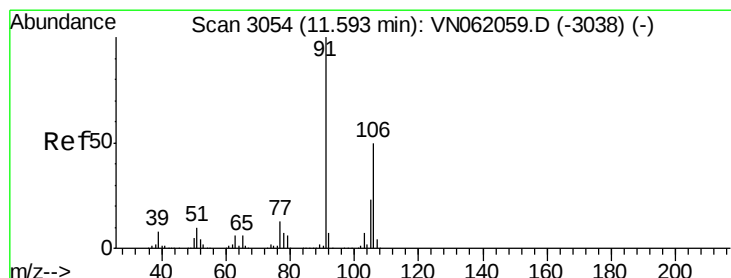
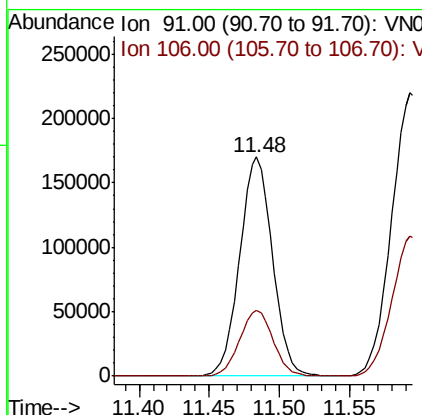
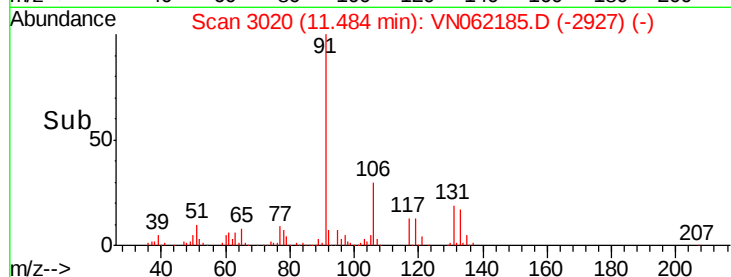
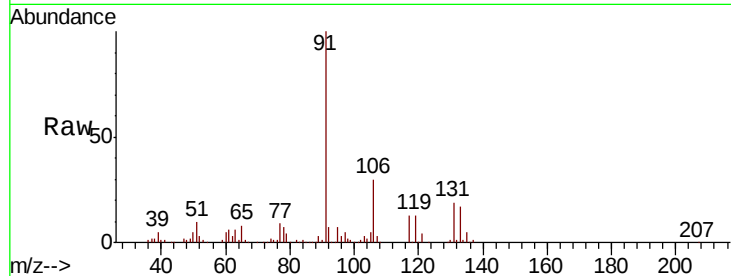




#67
Ethyl Benzene
Concen: 19.450 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

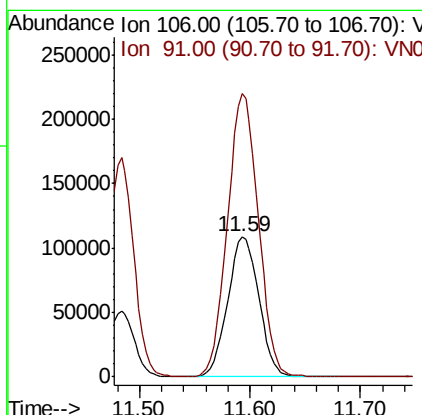
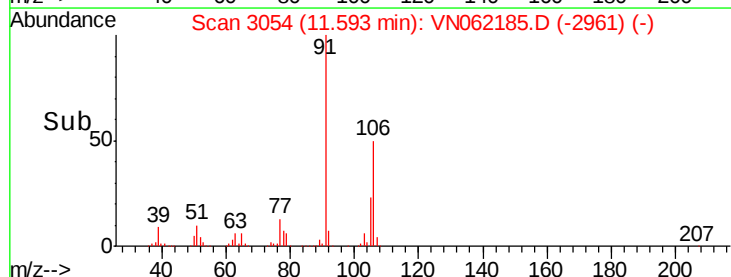
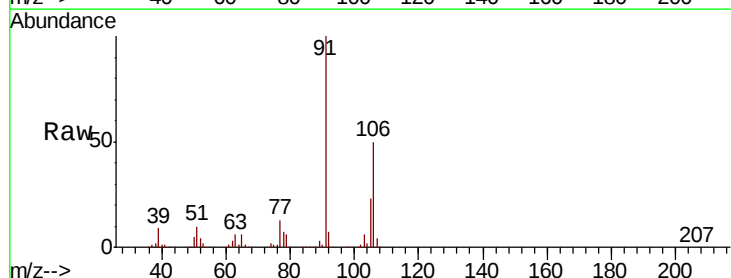
Instrument :
MSVOA_N
ClientSampled :
VN0629MBS01

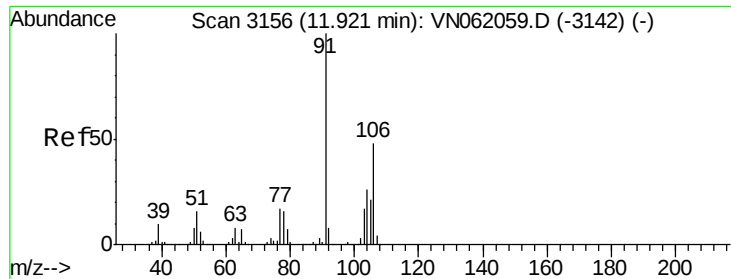
Tot Ion: 91 Resp: 276993
Ion Ratio Lower Upper
91 100
106 30.2 25.3 37.9



#68
m/p-Xylenes
Concen: 38.665 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

Tgt Ion: 106 Resp: 212975
Ion Ratio Lower Upper
106 100
91 200.4 157.8 236.8

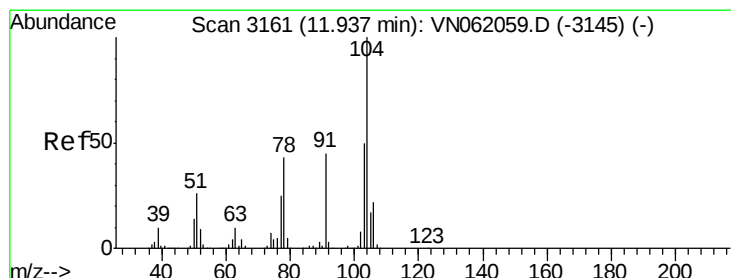
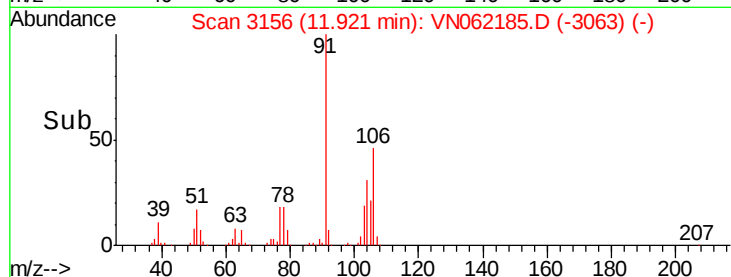
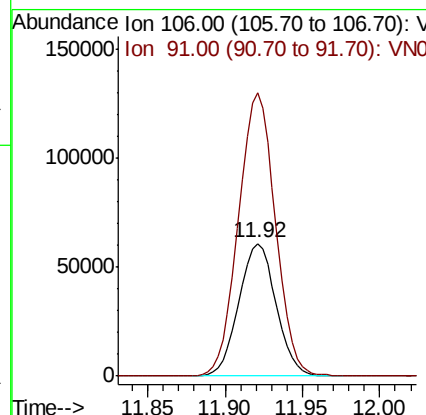
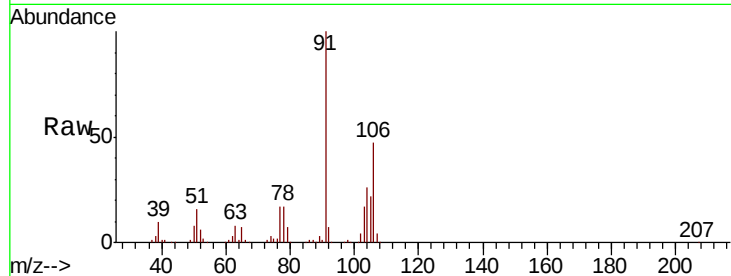




#69
o-Xylene
Concen: 19.634 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

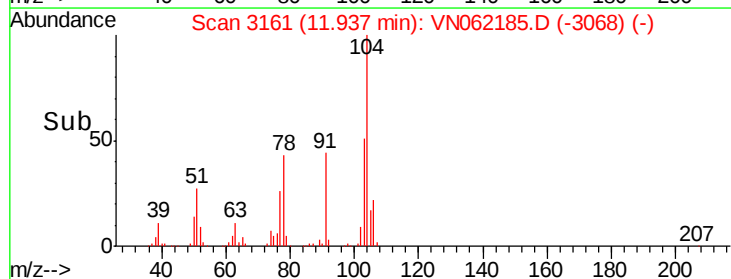
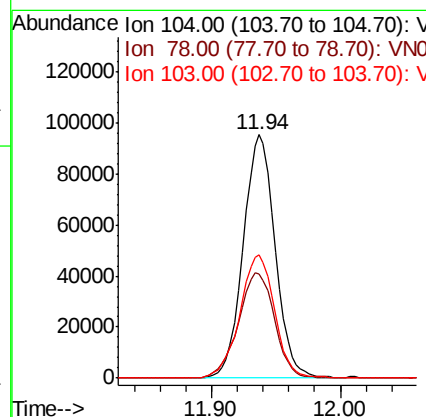
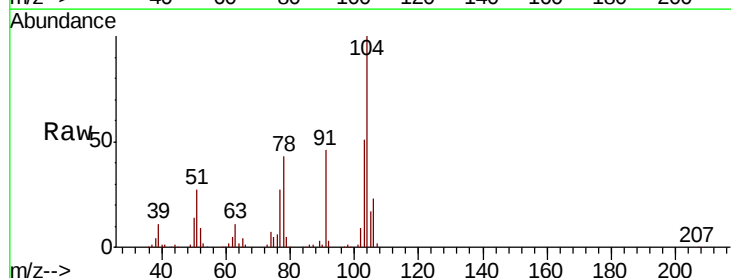
Instrument :
MSVOA_N
ClientSampled :
VN0629MBS01

Tot Ion:106 Resp: 102037
Ion Ratio Lower Upper
106 100
91 211.9 104.0 311.9



#70
Styrene
Concen: 18.936 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062185.D
Acq: 29 Jun 2020 14:05

Tgt Ion:104 Resp: 164127
Ion Ratio Lower Upper
104 100
78 49.0 37.7 56.5
103 55.1 43.0 64.6





#71

Bromoform

Concen: 19.208 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0629MBS01

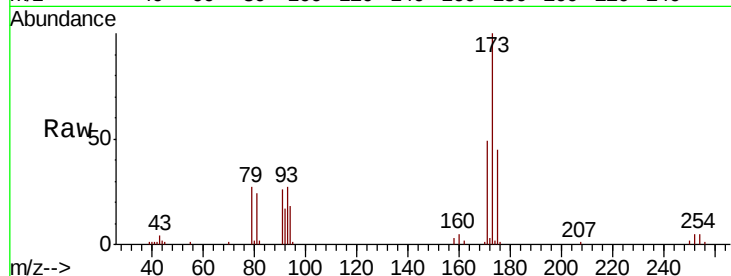
Tot Ion:173 Resp: 39821

Ion Ratio Lower Upper

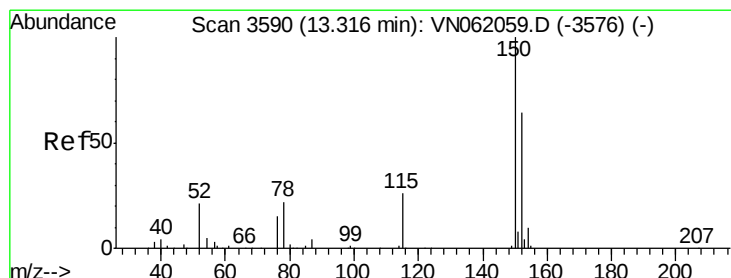
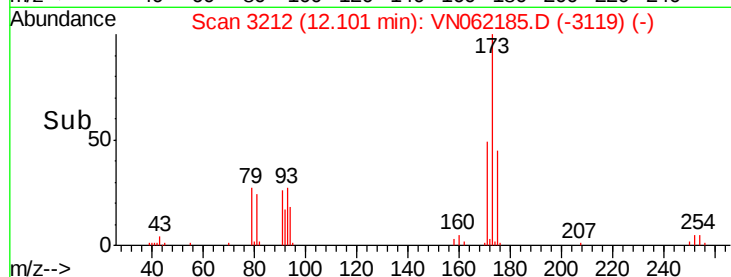
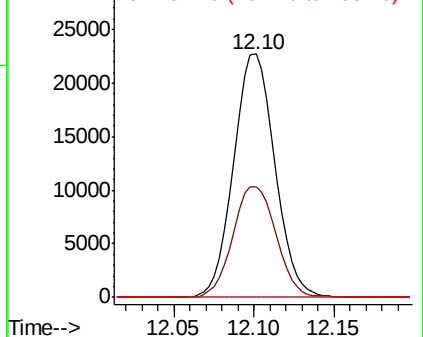
173 100

175 47.8 24.7 74.1

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: VN062185.D

Acq: 29 Jun 2020 14:05

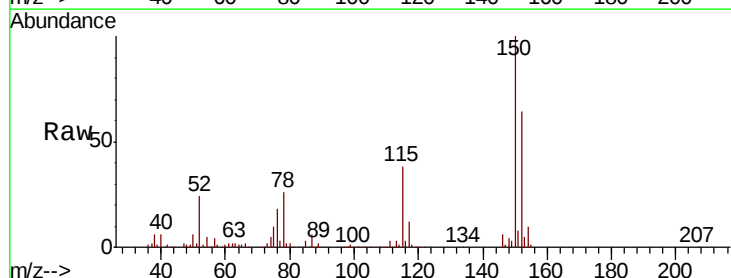
Tgt Ion:152 Resp: 171222

Ion Ratio Lower Upper

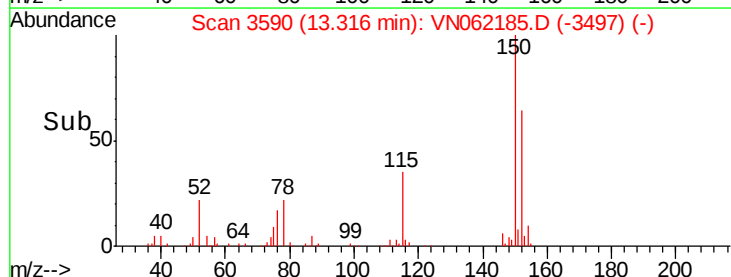
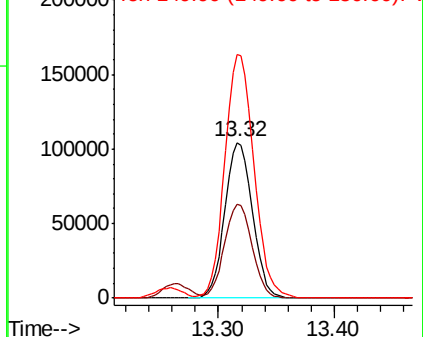
152 100

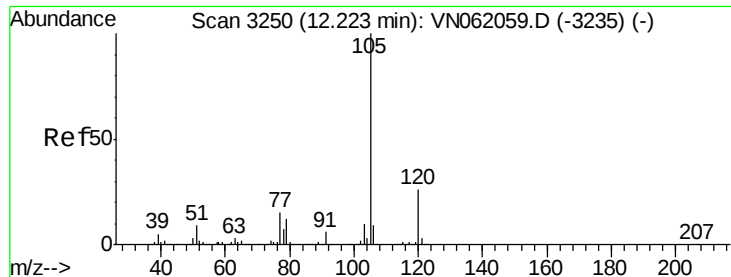
115 60.6 29.5 88.5

150 164.2 0.0 351.4



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: 19.974 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

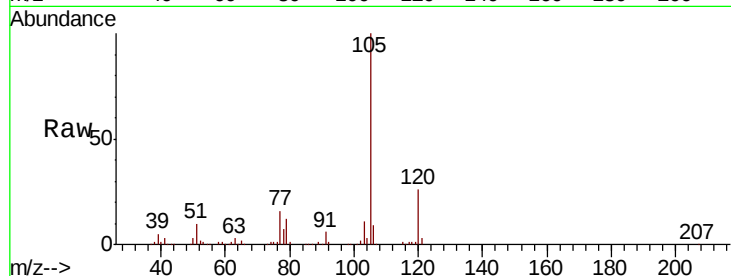
VN0629MBS01

Tot Ion:105 Resp: 264734

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

150000

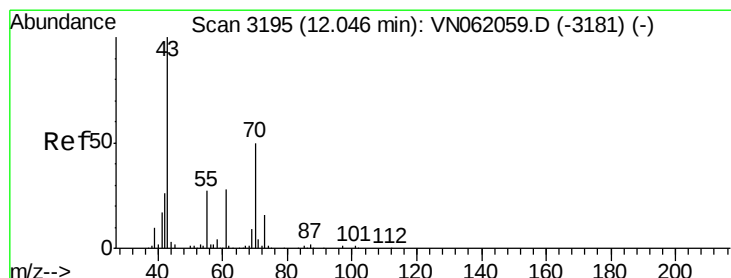
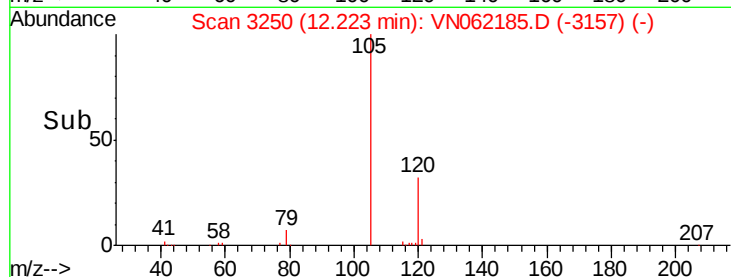
100000

50000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 20.912 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Tgt Ion: 43 Resp: 91860

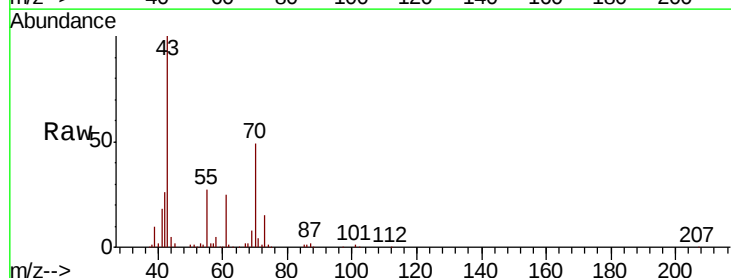
Ion Ratio Lower Upper

43 100

70 47.5 39.4 59.2

55 28.2 21.7 32.5

61 25.0 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

80000

60000

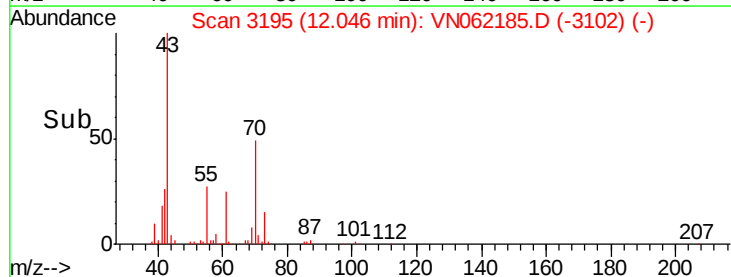
40000

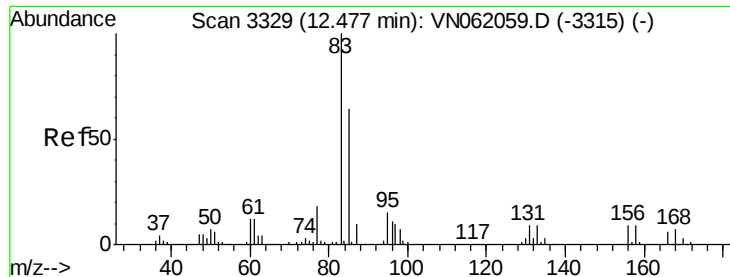
20000

0

Time-->

11.95 12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 20.088 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0629MBS01

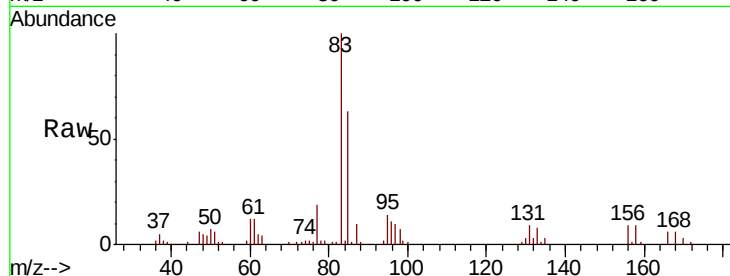
Tot Ion: 83 Resp: 88600

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.4

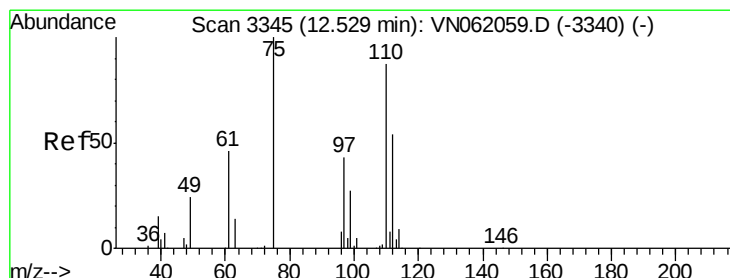
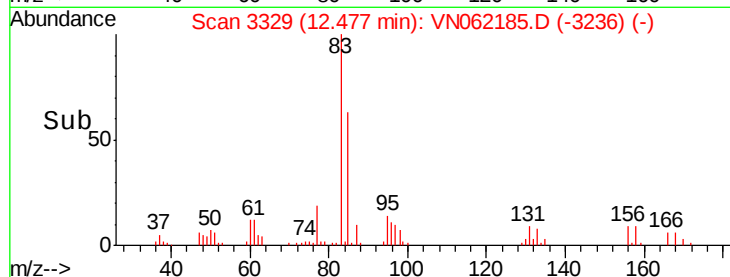
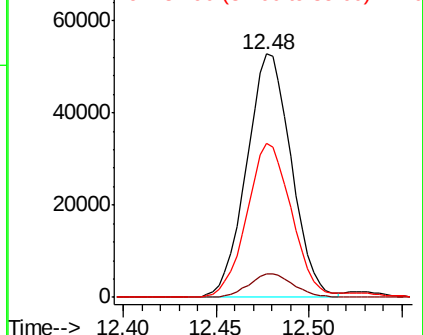
85 63.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062185.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062185.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062185.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 27.216 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062185.D

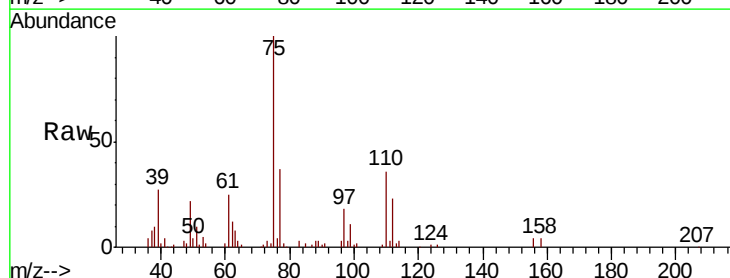
Acq: 29 Jun 2020 14:05

Tgt Ion: 75 Resp: 109701

Ion Ratio Lower Upper

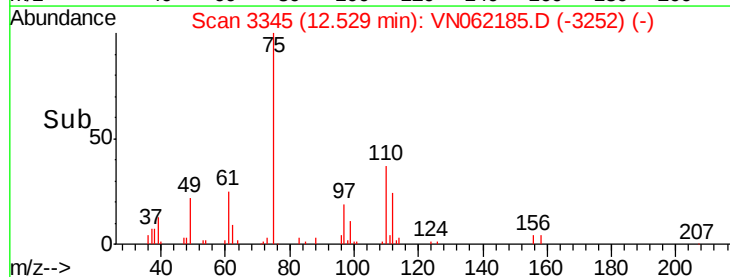
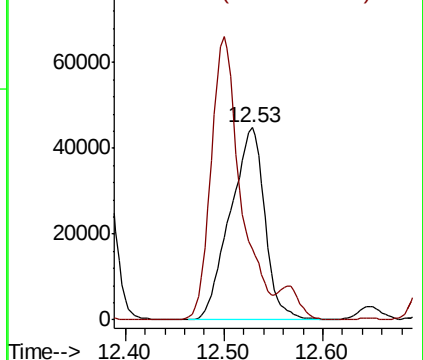
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062185.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062185.D (-3252) (-)





#77

Bromobenzene

Concen: 19.123 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0629MBS01

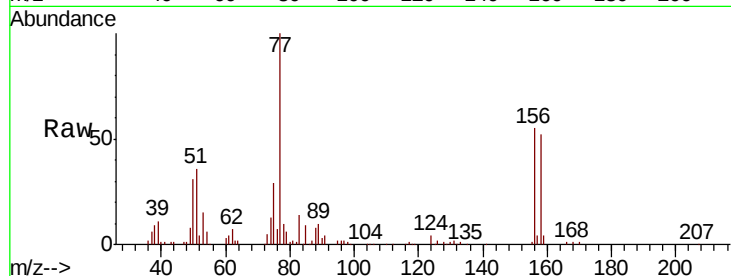
Tot Ion:156 Resp: 62925

Ion Ratio Lower Upper

156 100

77 220.1 104.6 313.8

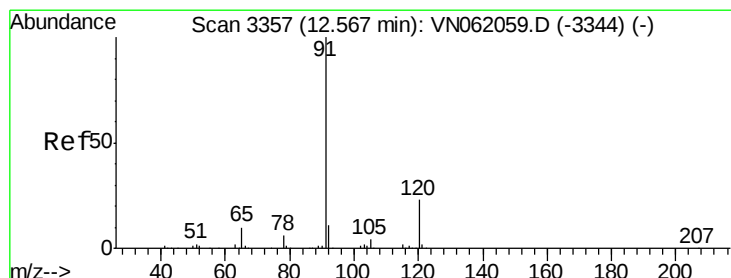
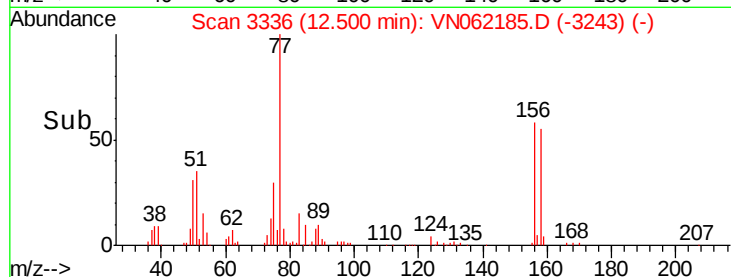
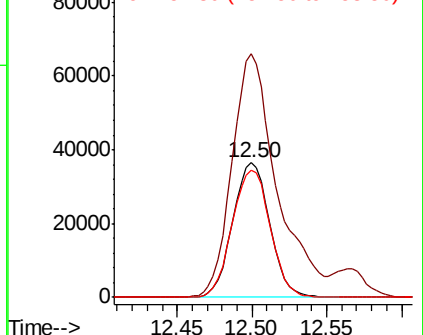
158 97.1 48.0 144.0



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: 20.384 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062185.D

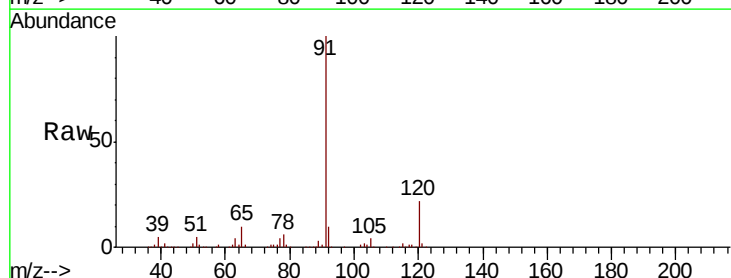
Acq: 29 Jun 2020 14:05

Tgt Ion: 91 Resp: 309039

Ion Ratio Lower Upper

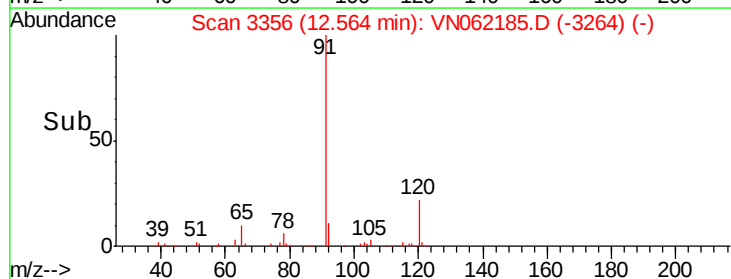
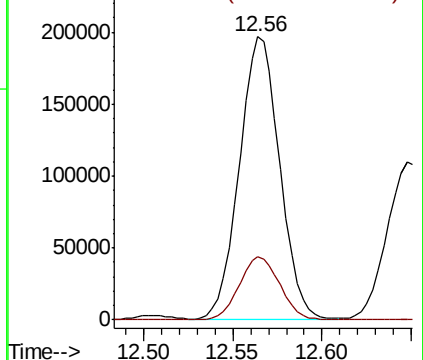
91 100

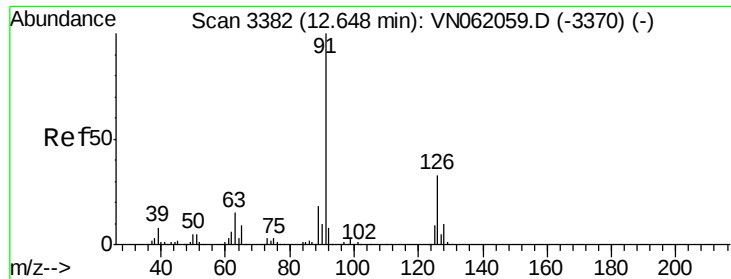
120 22.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.811 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

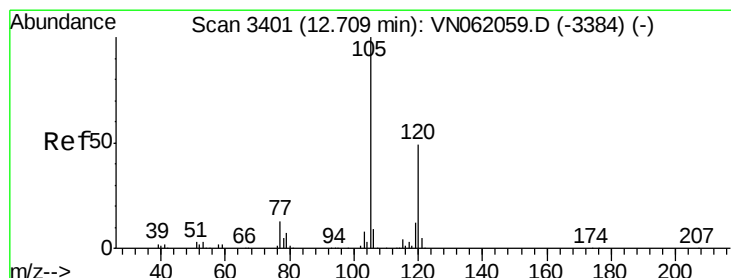
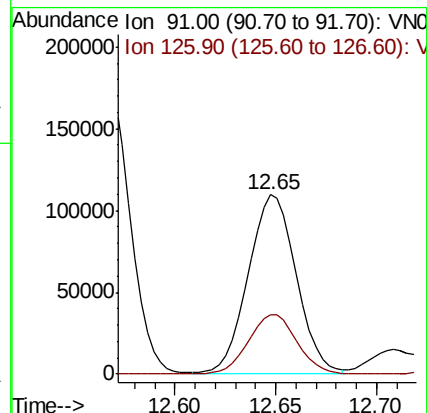
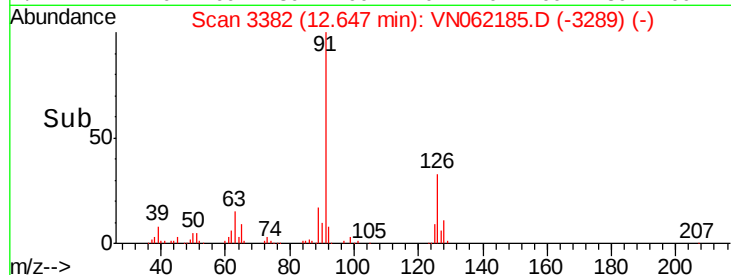
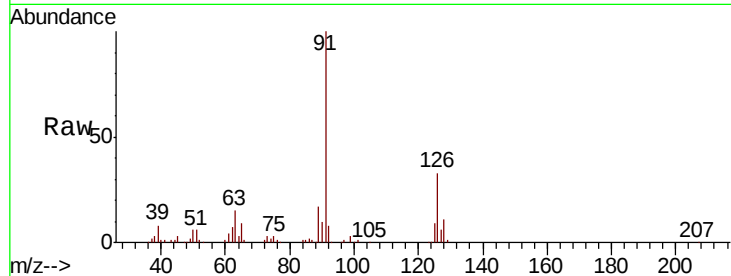
VN0629MBS01

Tot Ion: 91 Resp: 181569

Ion Ratio Lower Upper

91 100

126 33.7 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 20.490 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062185.D

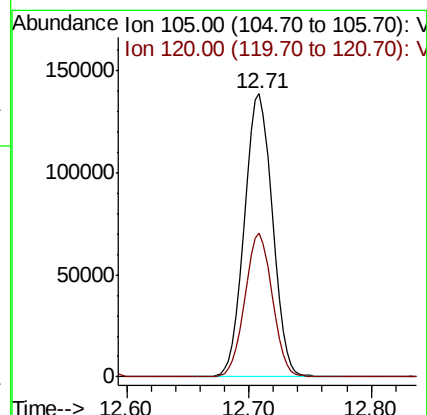
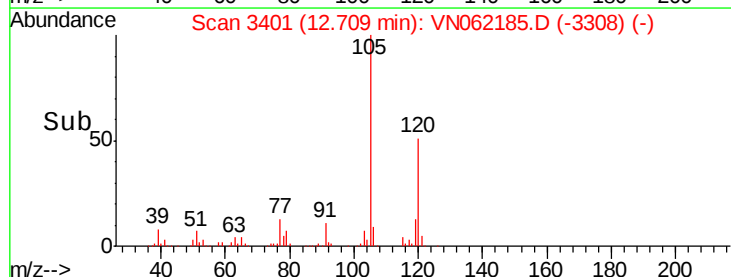
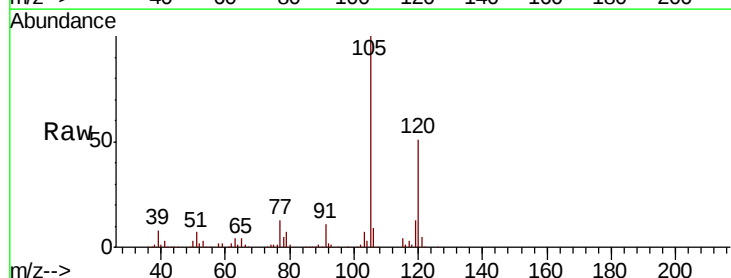
Acq: 29 Jun 2020 14:05

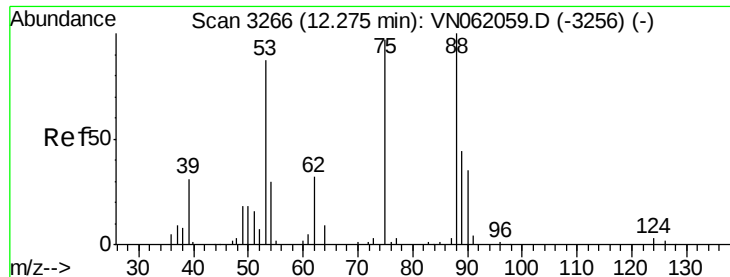
Tgt Ion: 105 Resp: 220147

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.684 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0629MBS01

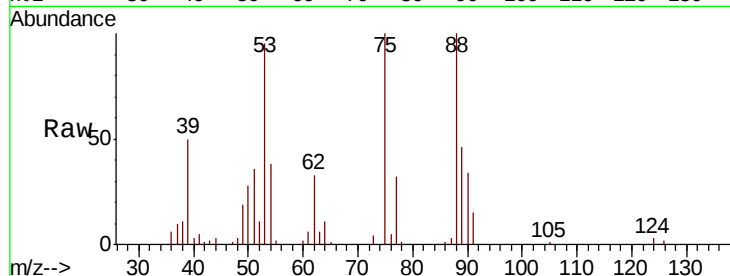
Tot Ion: 75 Resp: 27168

Ion Ratio Lower Upper

75 100

53 94.5 72.0 108.0

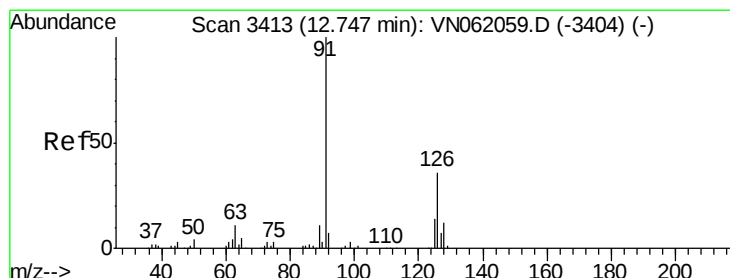
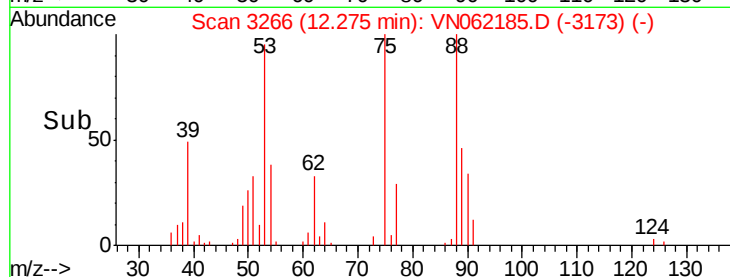
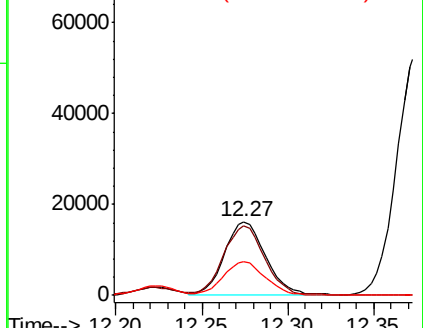
89 45.9 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062185.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062185.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062185.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 19.933 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062185.D

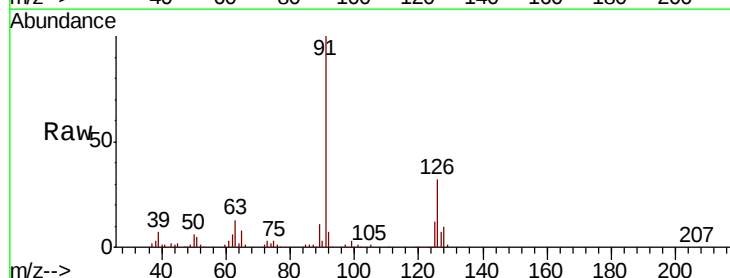
Acq: 29 Jun 2020 14:05

Tgt Ion: 91 Resp: 188919

Ion Ratio Lower Upper

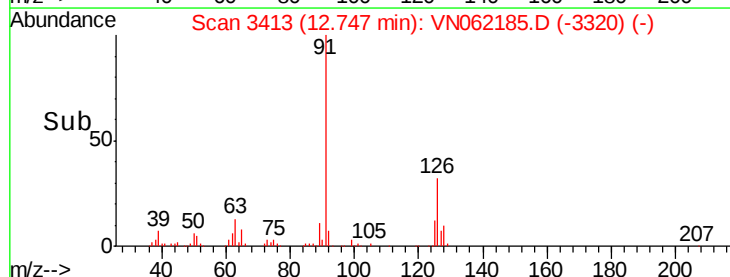
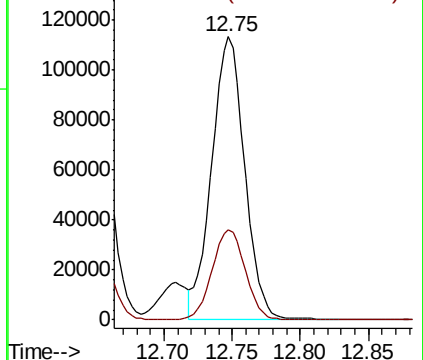
91 100

126 32.3 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062185.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062185.D (-3320) (-)

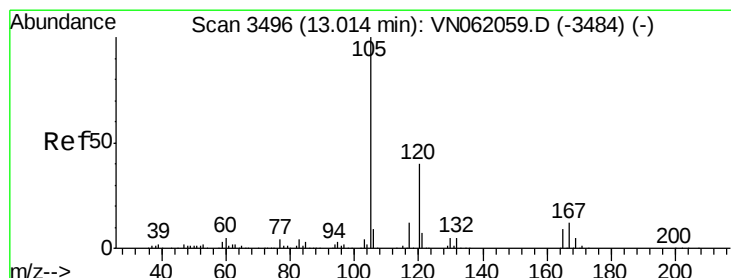
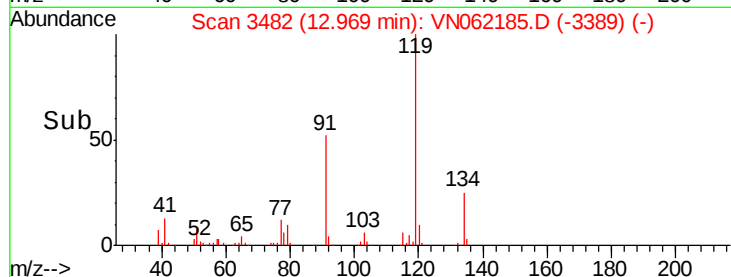
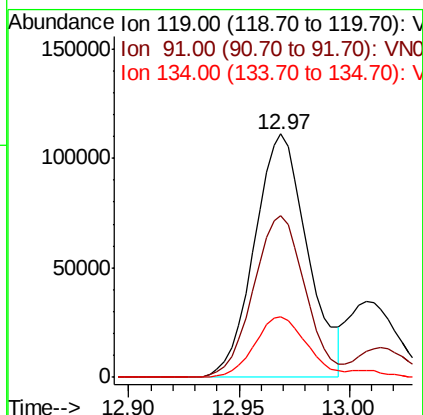
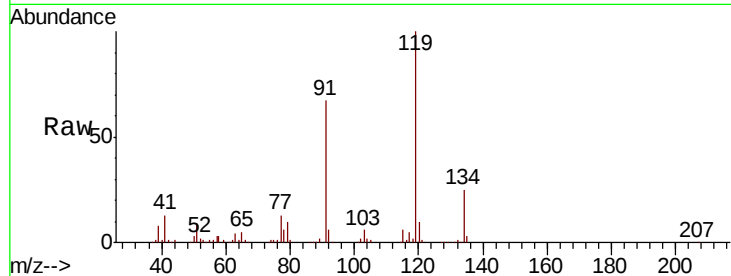




#83
 tert-Butylbenzene
 Concen: 20.176 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062185.D
 Acq: 29 Jun 2020 14:05

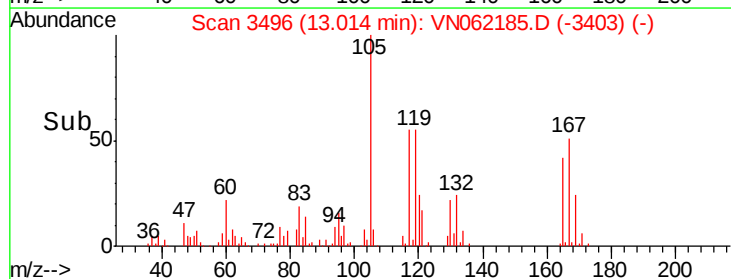
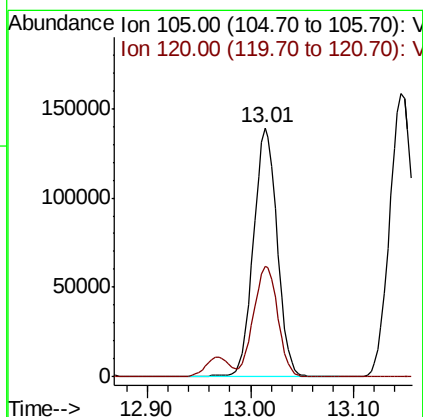
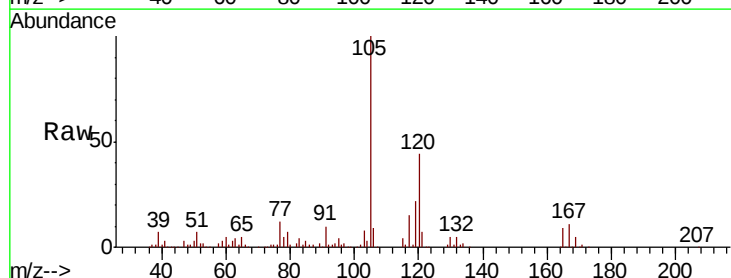
Instrument :
 MSVOA_N
 ClientSampled :
 VN0629MBS01

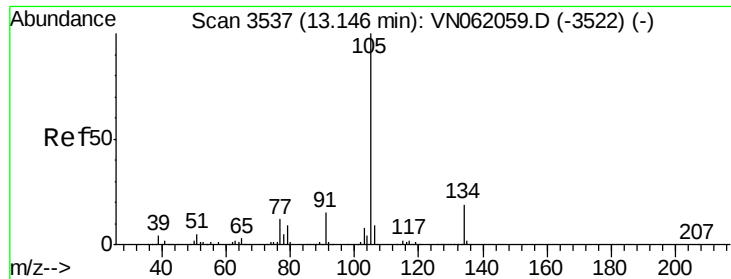
Tot Ion:119 Resp: 185517
 Ion Ratio Lower Upper
 119 100
 91 65.2 31.7 95.1
 134 24.6 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.629 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062185.D
 Acq: 29 Jun 2020 14:05

Tgt Ion:105 Resp: 221365
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.2 69.5





#85

sec-Butylbenzene

Concen: 20.855 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

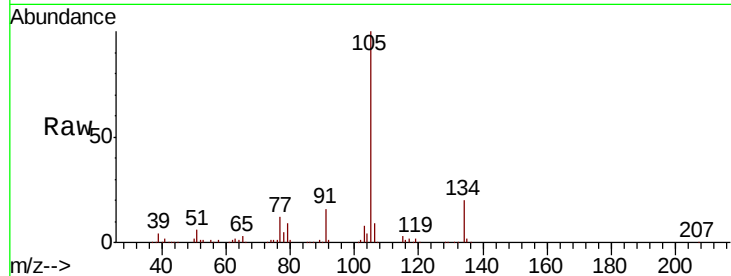
VN0629MBS01

Tot Ion:105 Resp: 253388

Ion Ratio Lower Upper

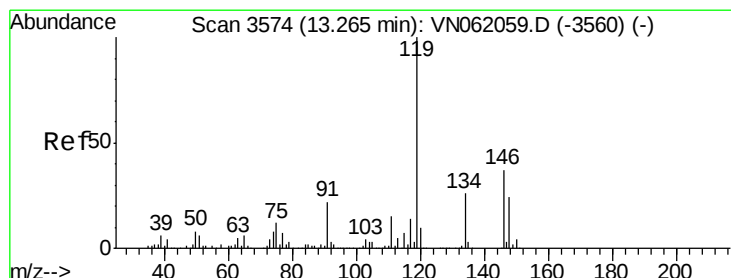
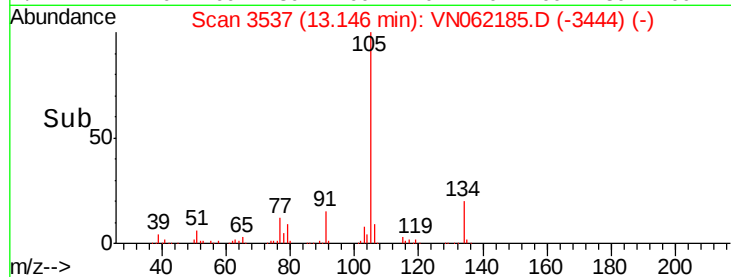
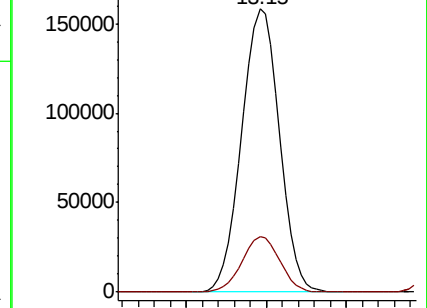
105 100

134 19.6 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.882 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

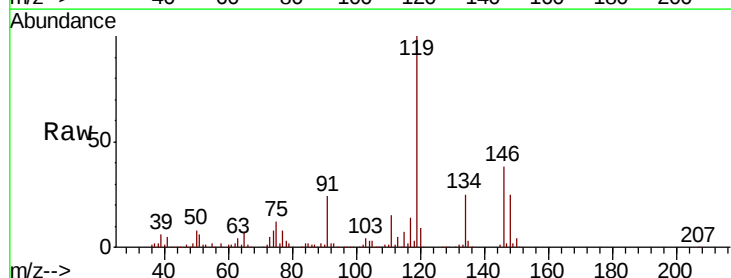
Tgt Ion:119 Resp: 222284

Ion Ratio Lower Upper

119 100

134 25.4 13.0 39.0

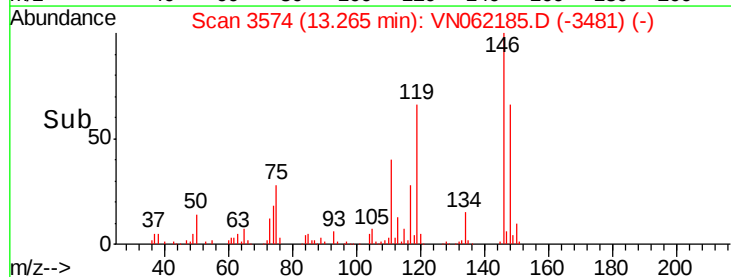
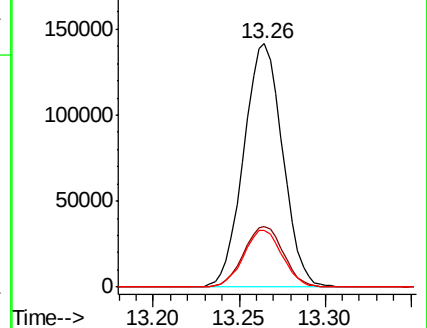
91 23.3 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

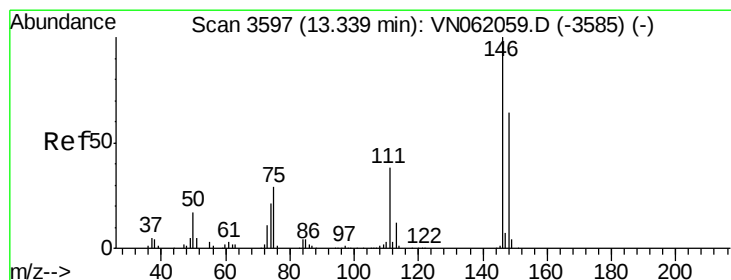
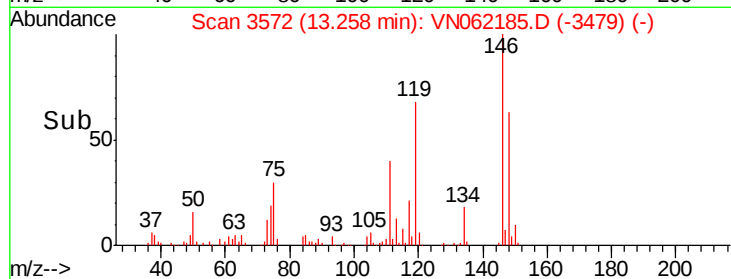
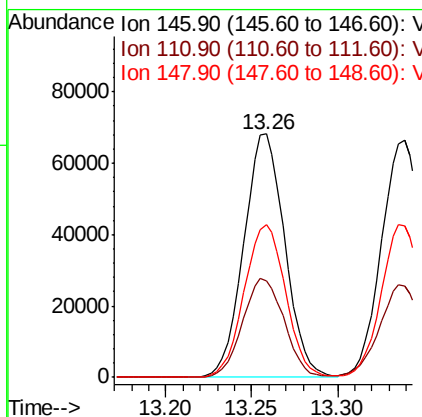
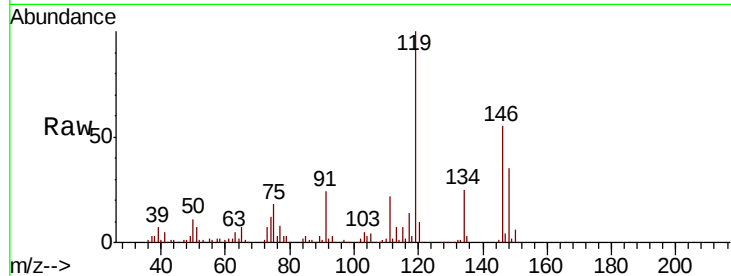




#87
 1,3-Dichlorobenzene
 Concen: 19.561 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062185.D
 Acq: 29 Jun 2020 14:05

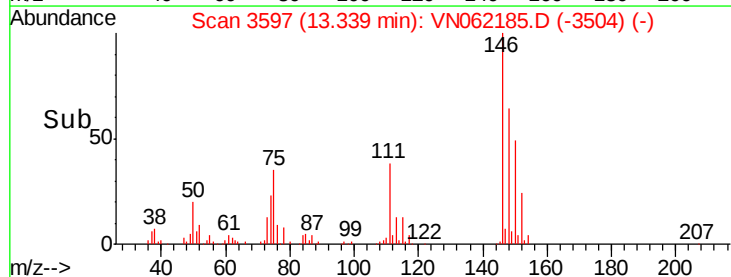
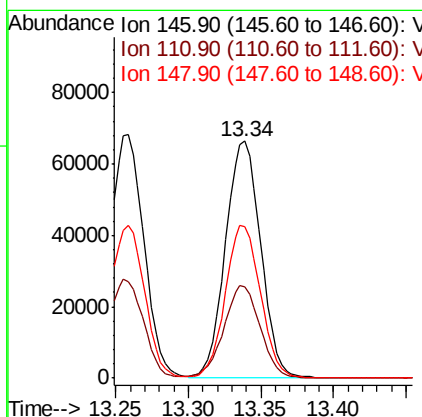
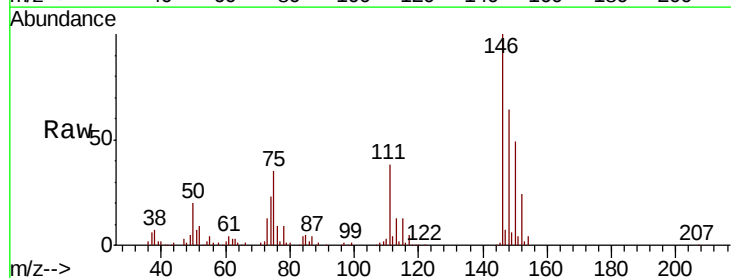
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629MBS01

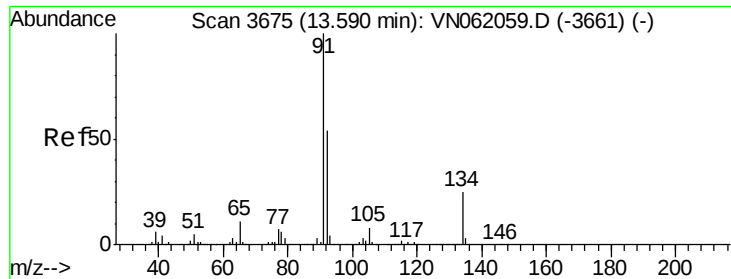
Tot Ion:146 Resp: 113027
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 61.0
 148 63.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.887 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062185.D
 Acq: 29 Jun 2020 14:05

Tgt Ion:146 Resp: 112495
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.9 59.6
 148 64.4 31.9 95.9





#89

n-Butylbenzene

Concen: 21.086 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampled :

VN0629MBS01

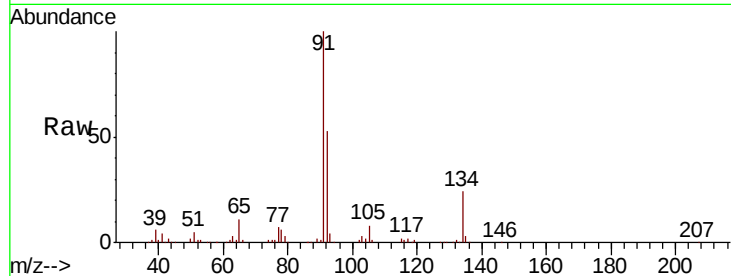
Tot Ion: 91 Resp: 186611

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.7

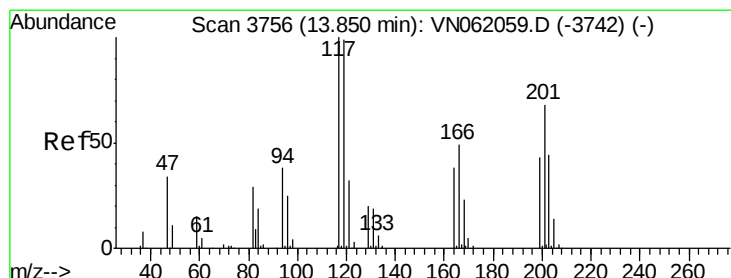
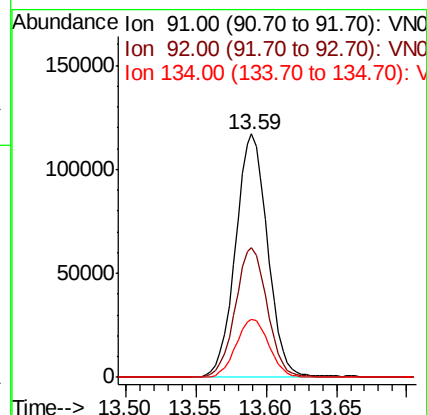
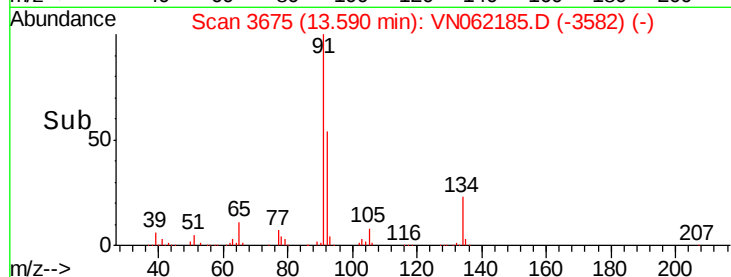
134 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN062185.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062185.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062185.D (-3582) (-)



#90

Hexachloroethane

Concen: 20.204 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062185.D

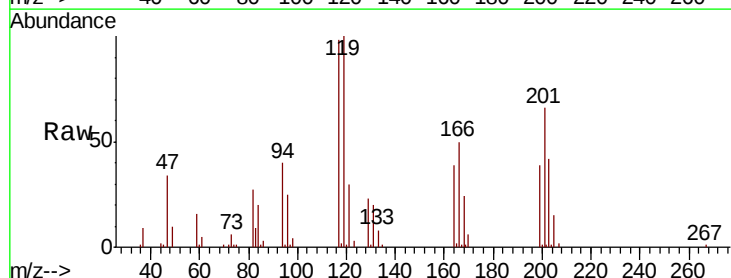
Acq: 29 Jun 2020 14:05

Tgt Ion: 117 Resp: 42197

Ion Ratio Lower Upper

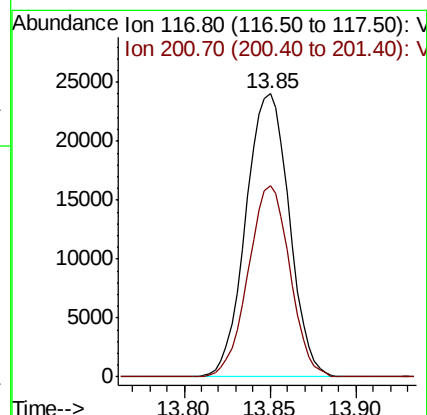
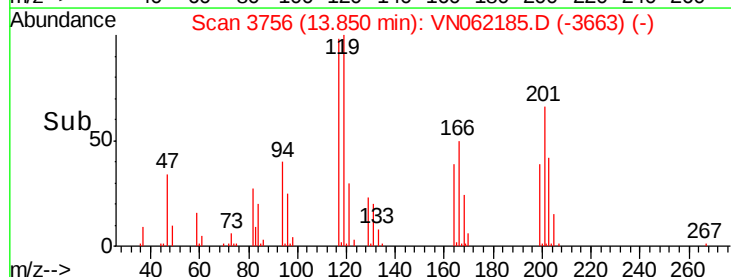
117 100

201 64.8 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062185.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062185.D (-3663) (-)





#91

1,2-Dichlorobenzene

Concen: 19.457 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0629MBS01

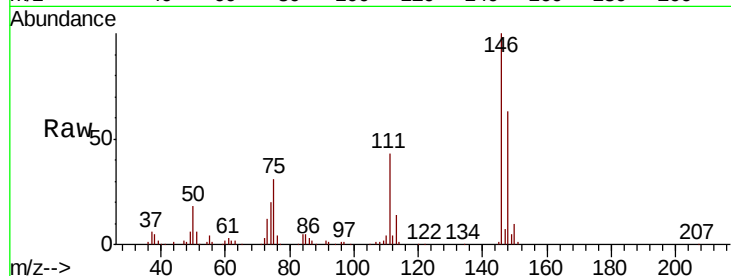
Tot Ion:146 Resp: 109021

Ion Ratio Lower Upper

146 100

111 42.8 21.2 63.6

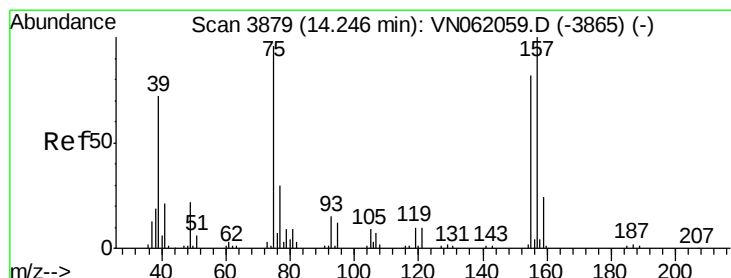
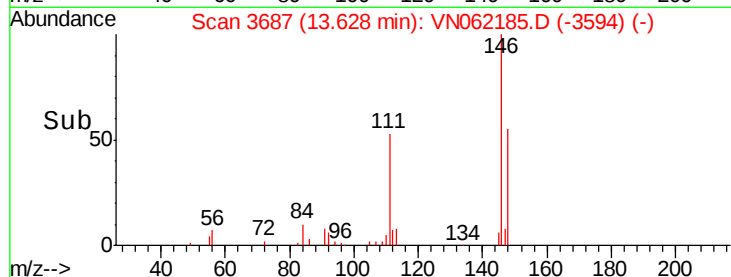
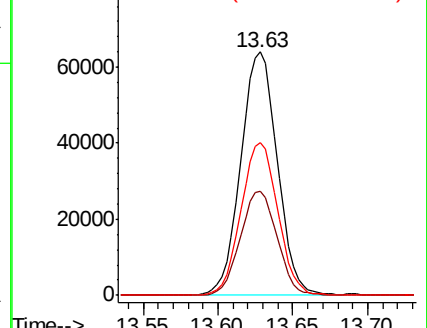
148 63.2 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.399 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

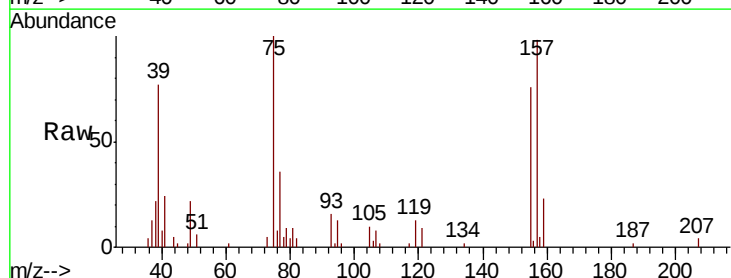
Tgt Ion: 75 Resp: 14413

Ion Ratio Lower Upper

75 100

155 78.2 40.8 122.4

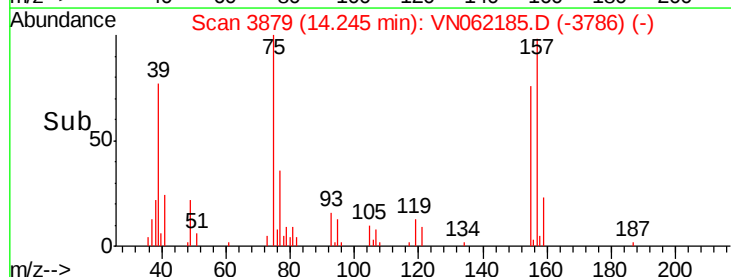
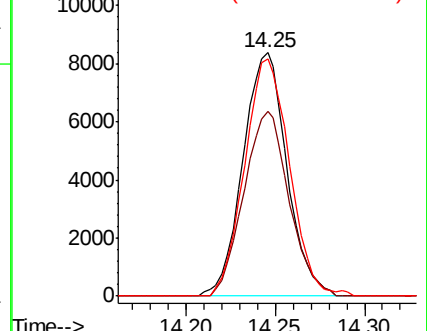
157 99.8 51.4 154.3

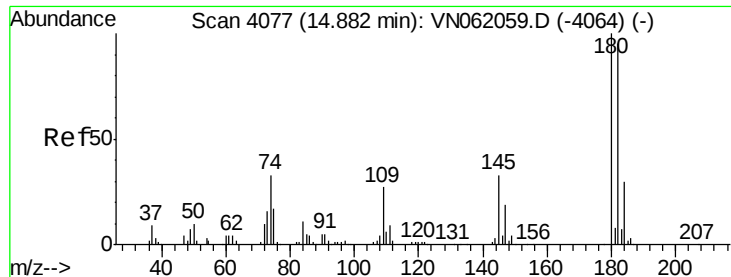


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

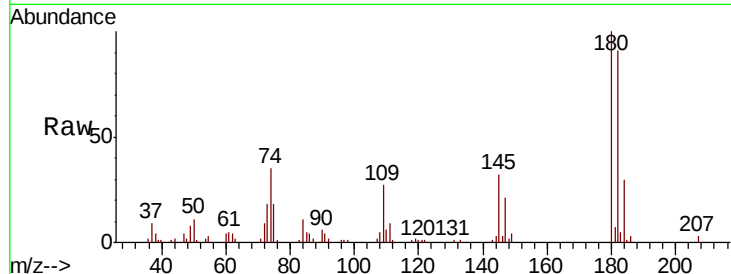




#93
 1,2,4-Trichlorobenzene
 Concen: 20.124 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062185.D
 Acq: 29 Jun 2020 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.0	48.0	144.2
145	31.1	16.0	48.0

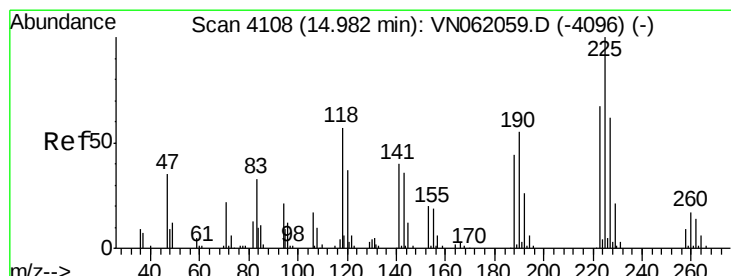
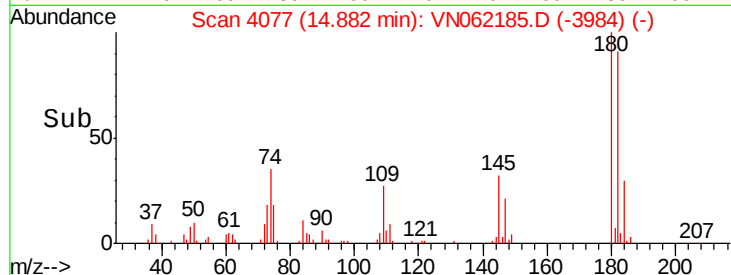
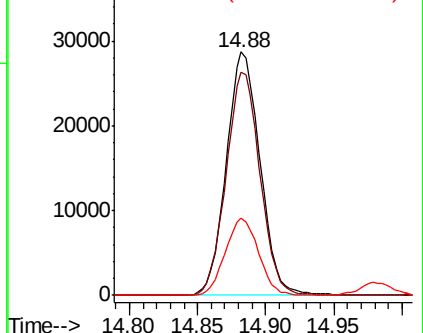


Abundance

Ion 179.80 (179.50 to 180.50): V

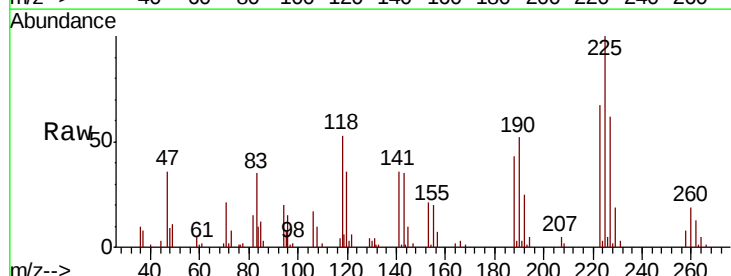
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 22.228 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062185.D
 Acq: 29 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	32.9	98.7
227	62.0	31.3	93.8

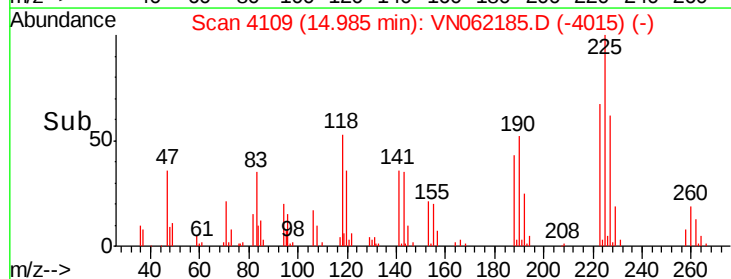
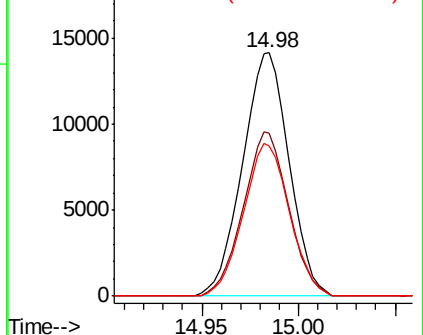


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.616 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_N

ClientSampled :

VN0629MBS01

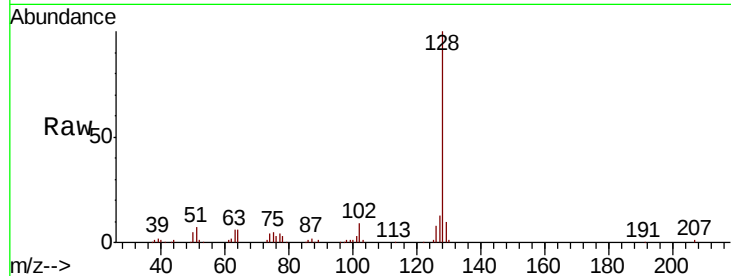
Tot Ion:128 Resp: 138558

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

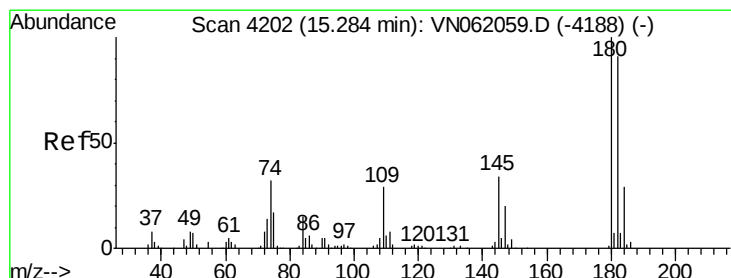
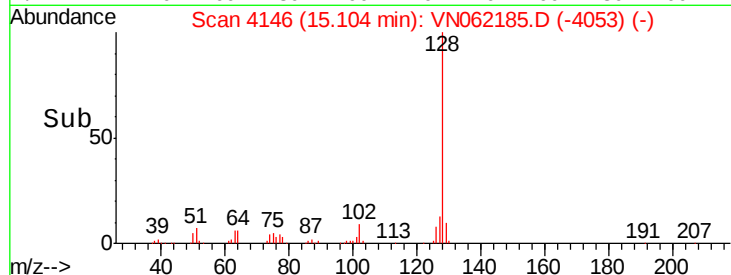
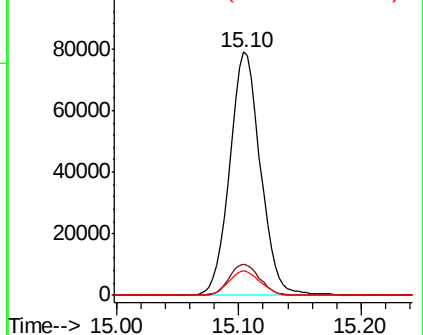
129 10.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.612 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062185.D

Acq: 29 Jun 2020 14:05

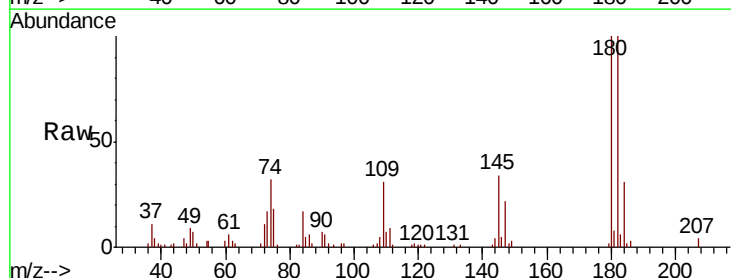
Tgt Ion:180 Resp: 49085

Ion Ratio Lower Upper

180 100

182 96.3 46.8 140.4

145 33.9 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

