

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061965.D
 Acq On : 19 Jun 2020 20:24
 Operator : JC/MD
 Sample : L2984-02MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MS

Quant Time: Jun 20 07:38:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	159477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	292862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	275661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130835	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	120666	56.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.84%	
35) Dibromofluoromethane	7.55	113	97747	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.06	98	376612	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.38	95	131730	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	83998	40.536	ug/l	100
3) Chloromethane	2.03	50	130547	58.974	ug/l	98
4) Vinyl Chloride	2.16	62	179496	68.019	ug/l	100
5) Bromomethane	2.52	94	79625	39.292	ug/l	98
6) Chloroethane	2.66	64	95133	53.267	ug/l	98
7) Trichlorofluoromethane	2.98	101	168430	53.433	ug/l	99
8) Diethyl Ether	3.37	74	65550	61.857	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	68082	42.100	ug/l	99
10) Methyl Iodide	3.91	142	102045	52.042	ug/l	99
11) Tert butyl alcohol	4.74	59	111975	378.333	ug/l	98
12) 1,1-Dichloroethene	3.69	96	87603	54.064	ug/l	99
13) Acrolein	3.56	56	54227	306.552	ug/l	99
14) Allyl chloride	4.27	41	131226	61.019	ug/l	97
15) Acrylonitrile	4.93	53	264523	360.698	ug/l	99
16) Acetone	3.77	43	366803	580.597	ug/l	97
17) Carbon Disulfide	4.00	76	250869	52.913	ug/l	98
18) Methyl Acetate	4.28	43	133078	73.165	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	335762	62.235	ug/l	100
20) Methylene Chloride	4.50	84	110887	53.873	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	114226	61.373	ug/l	98
22) Diisopropyl ether	5.90	45	293429	59.659	ug/l	99
23) Vinyl Acetate	5.84	43	1177259	304.327	ug/l	97
24) 1,1-Dichloroethane	5.80	63	183177	56.893	ug/l	98
25) 2-Butanone	6.79	43	2993701	3247.838	ug/l	99
26) 2,2-Dichloropropane	6.78	77	133550	49.302	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	158594	73.850	ug/l	99
28) Bromochloromethane	7.15	49	88839	61.970	ug/l	91
29) Tetrahydrofuran	7.17	42	271644	447.805	ug/l	92
30) Chloroform	7.33	83	193967	56.369	ug/l	99
31) Cyclohexane	7.61	56	120826	42.868	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	156661	53.459	ug/l	98
36) 1,1-Dichloropropene	7.75	75	134622	50.397	ug/l	99
37) Ethyl Acetate	6.88	43	160814	77.093	ug/l	98
38) Carbon Tetrachloride	7.73	117	125704	47.520	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061965.D
 Acq On : 19 Jun 2020 20:24
 Operator : JC/MD
 Sample : L2984-02MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MS

Quant Time: Jun 20 07:38:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	114968	39.970	ug/l	98
40) Benzene	8.00	78	436578	53.954	ug/l	98
41) Methacrylonitrile	7.16	41	347919	390.049	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	152289	55.196	ug/l	100
43) Isopropyl Acetate	8.13	43	241537	68.709	ug/l	98
44) Trichloroethene	8.80	130	109857	51.587	ug/l	100
45) 1,2-Dichloropropane	9.09	63	111485	56.063	ug/l	100
46) Dibromomethane	9.18	93	78362	55.960	ug/l	98
47) Bromodichloromethane	9.37	83	153823	53.646	ug/l	98
48) Methyl methacrylate	9.17	41	116273	72.732	ug/l	92
49) 1,4-Dioxane	9.17	88	45093	1228.586	ug/l #	80
51) 4-Methyl-2-Pentanone	9.95	43	784421	377.608	ug/l	100
52) Toluene	10.12	92	323960	63.748	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	173713	57.068	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	184848	55.910	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	114730	57.381	ug/l	99
56) Ethyl methacrylate	10.40	69	177138	57.535	ug/l	97
57) 1,3-Dichloropropane	10.68	76	193388	57.091	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	259442	245.860	ug/l	98
59) 2-Hexanone	10.72	43	610018	361.262	ug/l	99
60) Dibromochloromethane	10.87	129	123190	55.215	ug/l	99
61) 1,2-Dibromoethane	10.98	107	120405	57.670	ug/l	99
64) Tetrachloroethene	10.60	164	83503	47.527	ug/l	96
65) Chlorobenzene	11.41	112	303151	52.118	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	108228	53.350	ug/l	99
67) Ethyl Benzene	11.48	91	518164	53.132	ug/l	99
68) m/p-Xylenes	11.59	106	402888	107.135	ug/l	100
69) o-Xylene	11.92	106	194895	54.317	ug/l	99
70) Styrene	11.94	104	337496	56.175	ug/l	100
71) Bromoform	12.10	173	85814	58.014	ug/l #	98
73) Isopropylbenzene	12.22	105	483381	51.992	ug/l	99
74) N-amyl acetate	12.04	43	225806	66.020	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	182805	60.476	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	229820	89.472	ug/l #	100
77) Bromobenzene	12.50	156	127268	54.259	ug/l	96
78) n-propylbenzene	12.57	91	555029	52.319	ug/l	99
79) 2-Chlorotoluene	12.65	91	340603	53.457	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	405267	52.688	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	60421	64.156	ug/l	100
82) 4-Chlorotoluene	12.75	91	354334	53.820	ug/l	98
83) tert-Butylbenzene	12.97	119	321579	49.315	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	418057	55.059	ug/l	99
85) sec-Butylbenzene	13.15	105	423237	49.587	ug/l	99
86) p-Isopropyltoluene	13.26	119	390341	51.323	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	221158	51.696	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	226413	51.704	ug/l	100
89) n-Butylbenzene	13.59	91	321045	50.545	ug/l	98
90) Hexachloroethane	13.85	117	69561	49.965	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	226257	54.937	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	36141	73.648	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
Data File : VN061965.D
Acq On : 19 Jun 2020 20:24
Operator : JC/MD
Sample : L2984-02MS
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MS

Quant Time: Jun 20 07:38:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

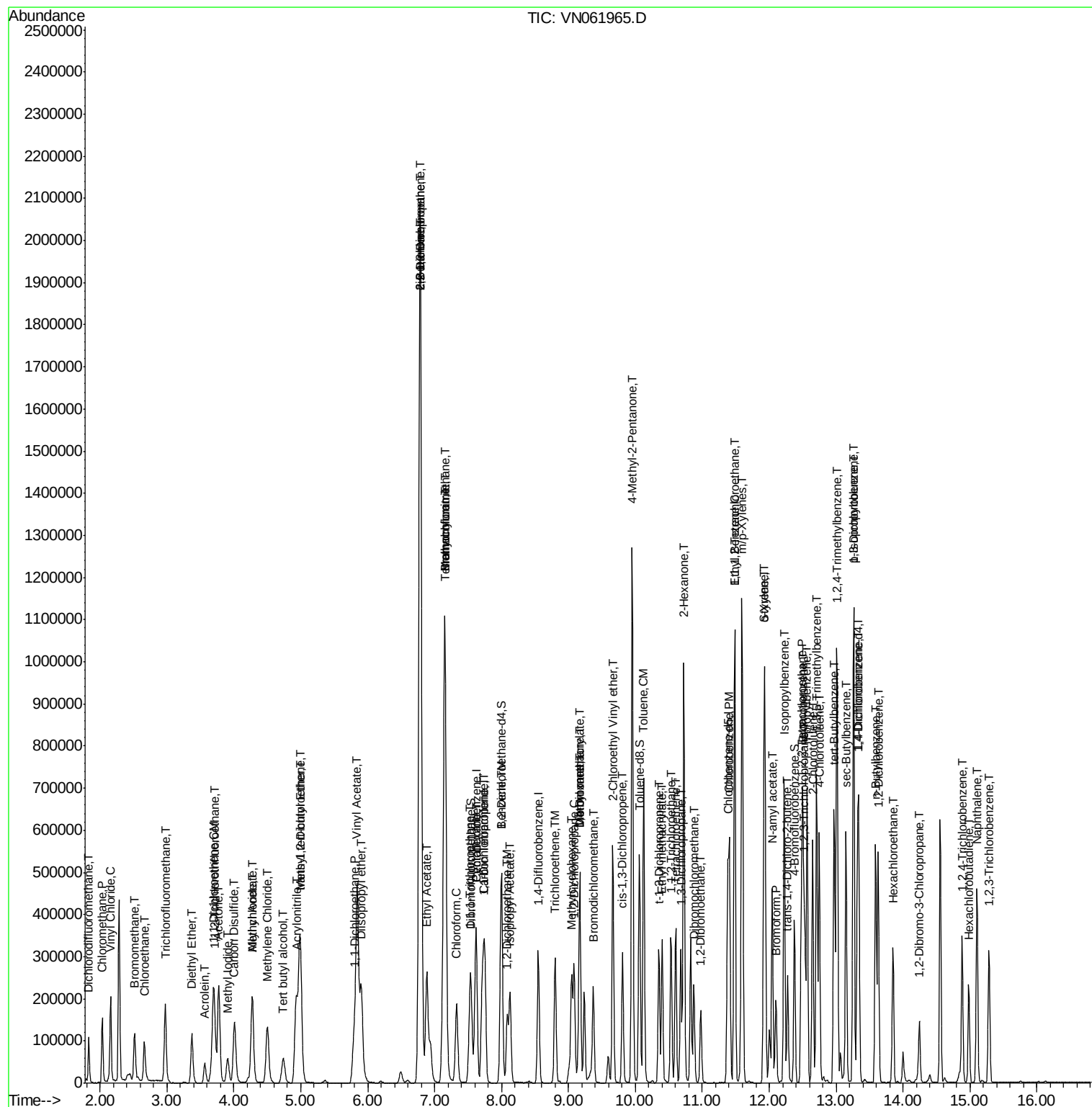
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	103029	53.015	ug/l	98
94) Hexachlorobutadiene	14.98	225	39713	51.884	ug/l	98
95) Naphthalene	15.10	128	393429	59.724	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	102875	53.450	ug/l	99

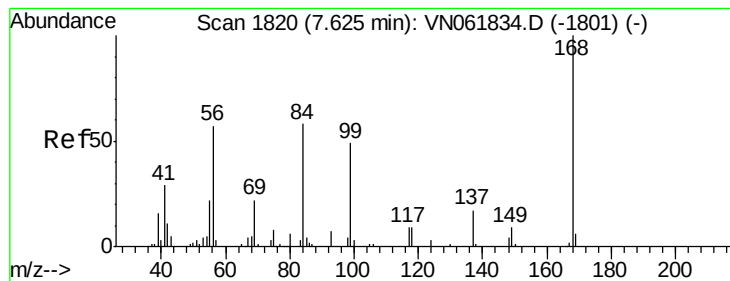
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061965.D
 Acq On : 19 Jun 2020 20:24
 Operator : JC/MD
 Sample : L2984-02MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MS

Quant Time: Jun 20 07:38:34 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

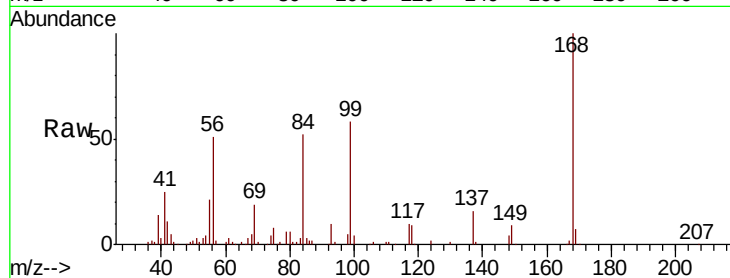
S49-0563MS

Tot Ion:168 Resp: 159477

Ion Ratio Lower Upper

168 100

99 58.4 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

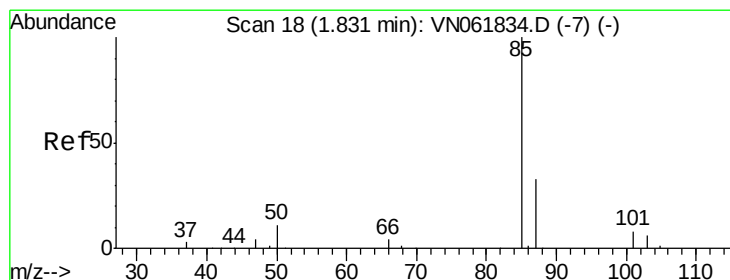
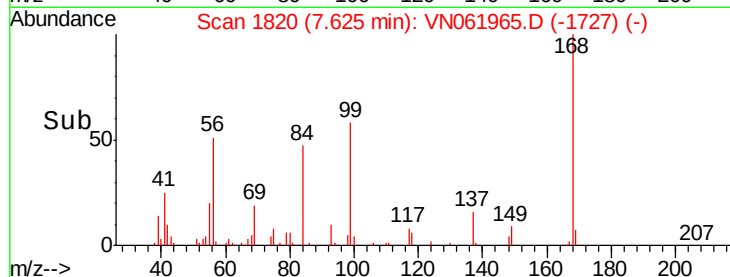
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 40.536 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061965.D

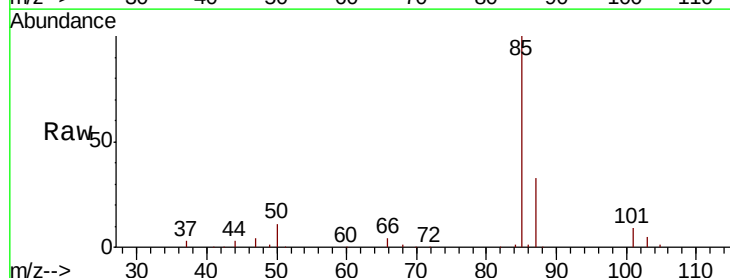
Acq: 19 Jun 2020 20:24

Tgt Ion: 85 Resp: 83998

Ion Ratio Lower Upper

85 100

87 33.0 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

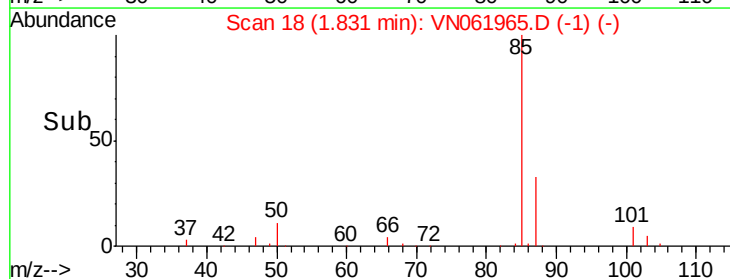
40000

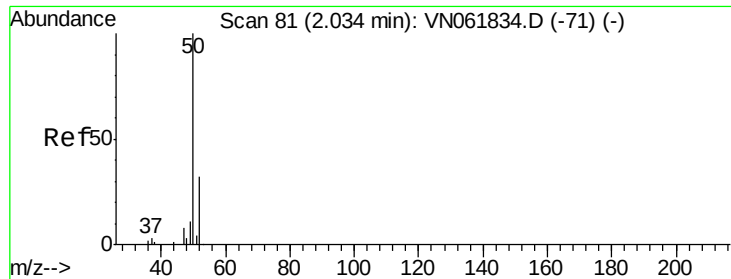
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 58.974 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

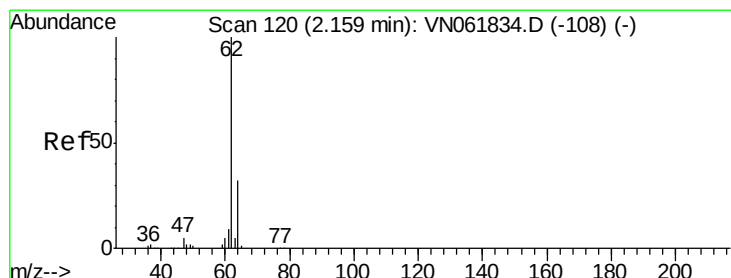
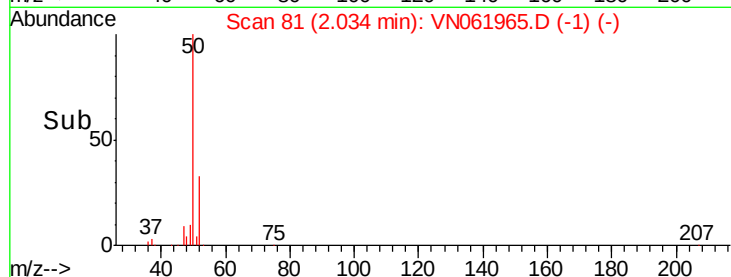
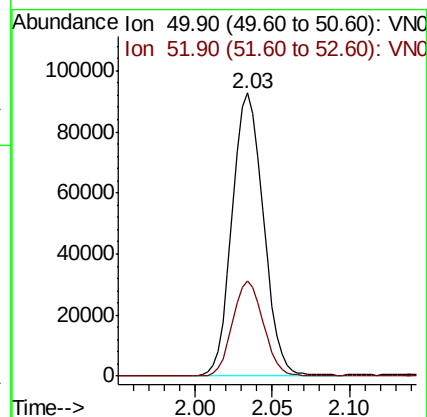
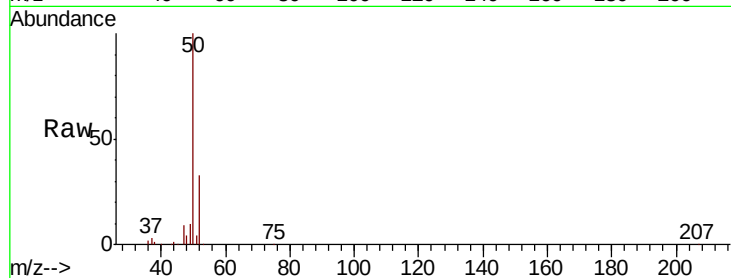
S49-0563MS

Tot Ion: 50 Resp: 130547

Ion Ratio Lower Upper

50 100

52 33.5 26.0 39.0



#4

Vinyl Chloride

Concen: 68.019 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061965.D

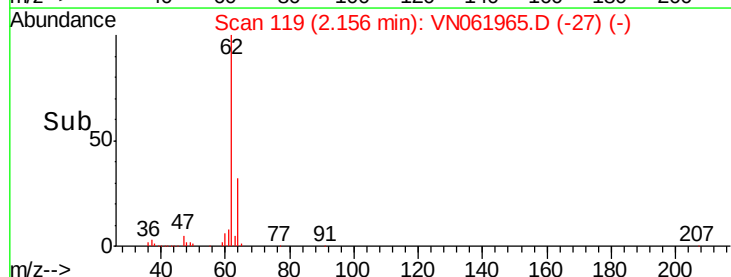
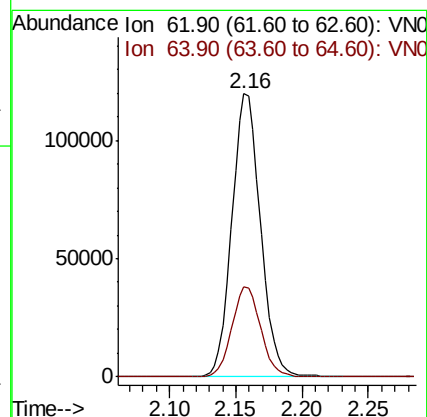
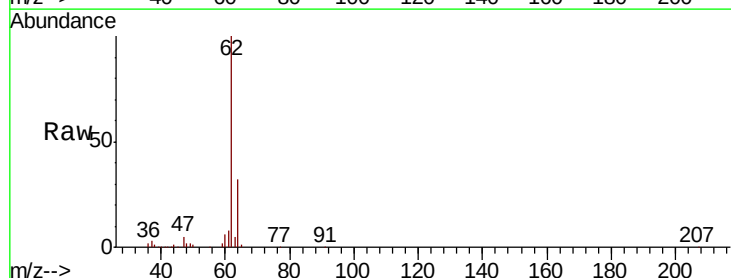
Acq: 19 Jun 2020 20:24

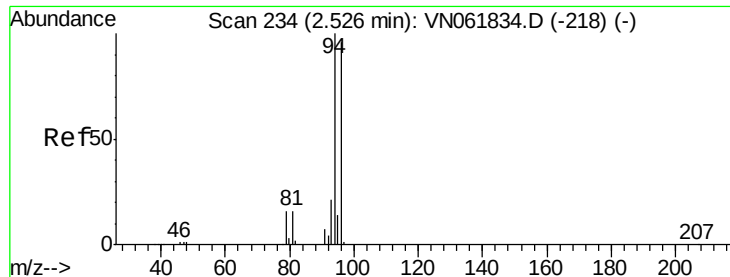
Tgt Ion: 62 Resp: 179496

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3





#5

Bromomethane

Concen: 39.292 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.01 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

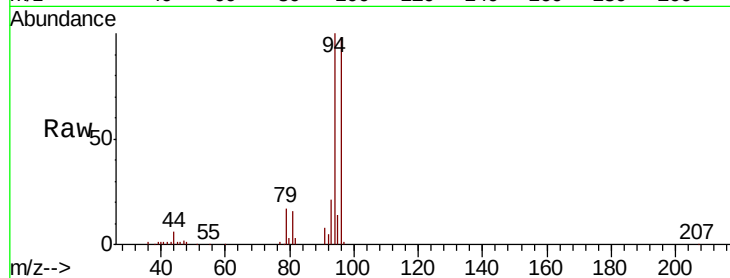
S49-0563MS

Tot Ion: 94 Resp: 79625

Ion Ratio Lower Upper

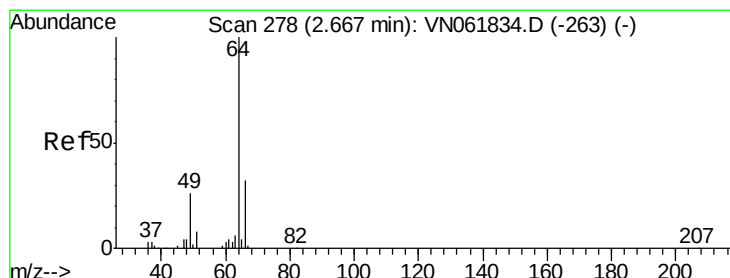
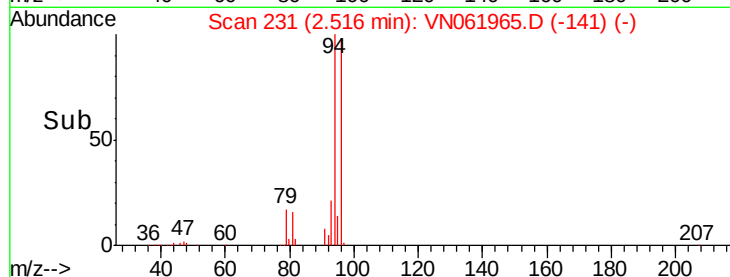
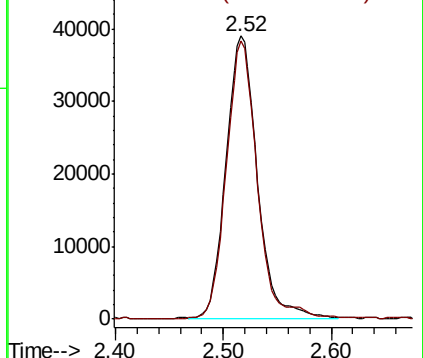
94 100

96 97.7 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 53.267 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.01 min

Lab File: VN061965.D

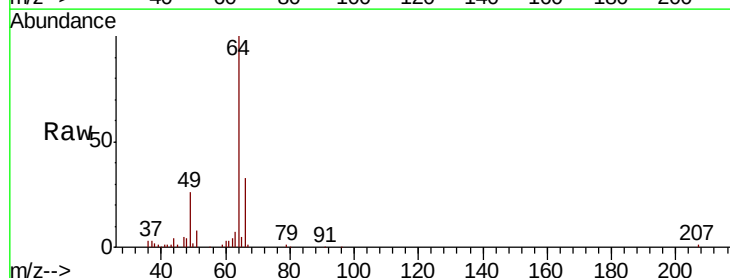
Acq: 19 Jun 2020 20:24

Tgt Ion: 64 Resp: 95133

Ion Ratio Lower Upper

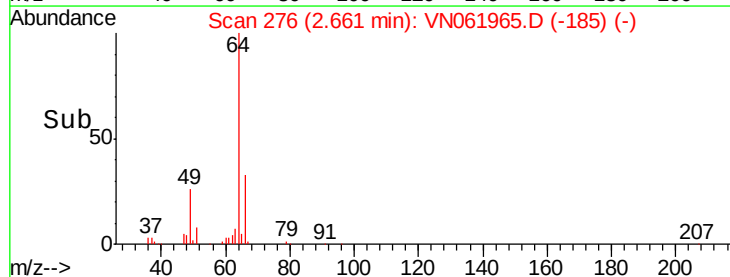
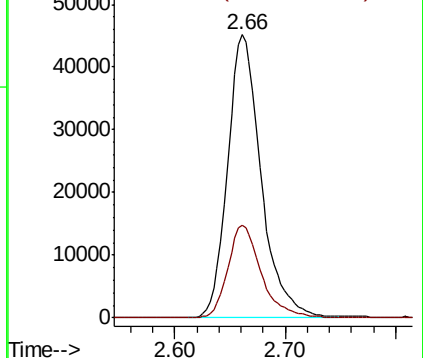
64 100

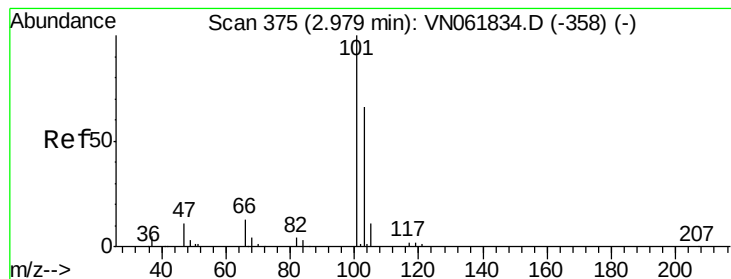
66 32.7 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



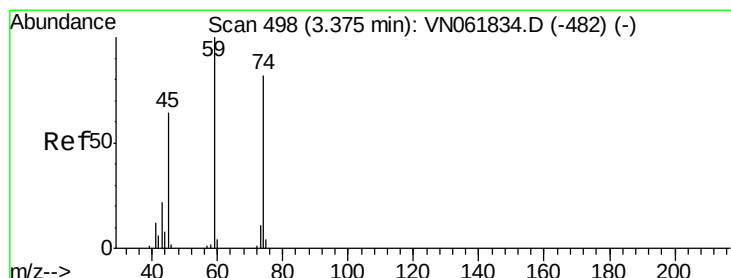
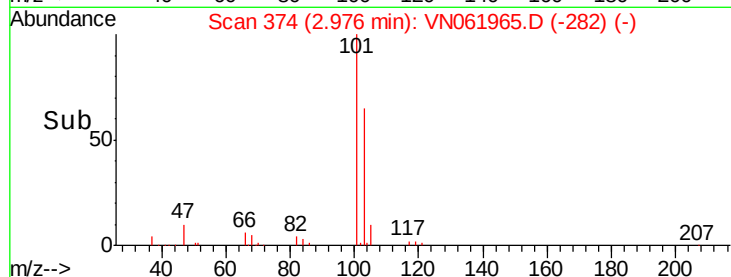
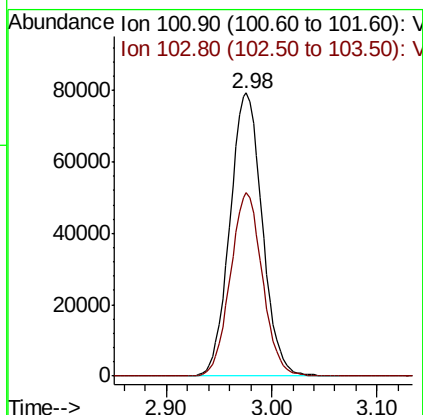
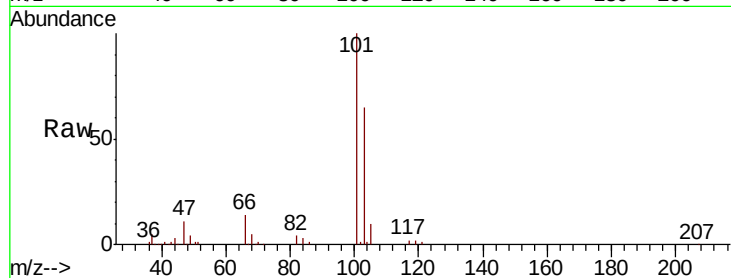


#7

Trichlorofluoromethane
Concen: 53.433 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Instrument :
MSVOA_N
ClientSampled :
S49-0563MS

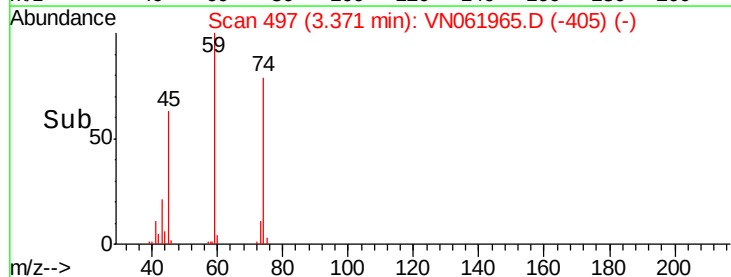
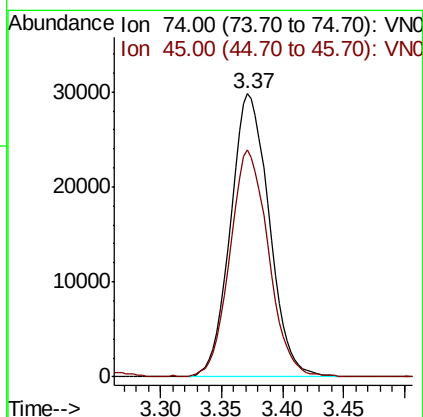
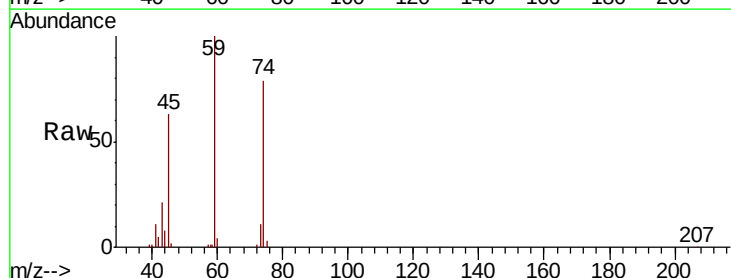
Tot Ion:101 Resp: 168430
Ion Ratio Lower Upper
101 100
103 64.8 52.8 79.2

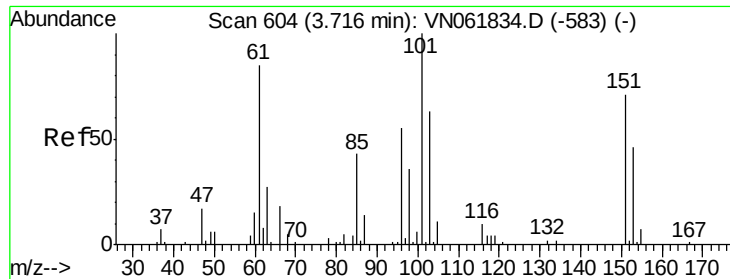


#8

Diethyl Ether
Concen: 61.857 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Tgt Ion: 74 Resp: 65550
Ion Ratio Lower Upper
74 100
45 80.1 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.100 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MS

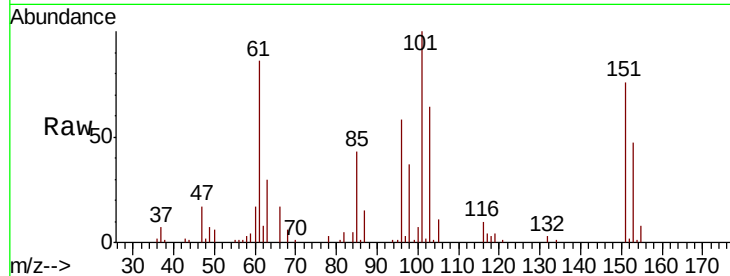
Tot Ion:101 Resp: 68082

Ion Ratio Lower Upper

101 100

85 43.4 35.0 52.6

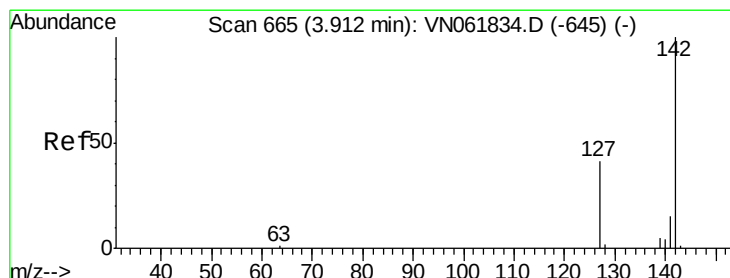
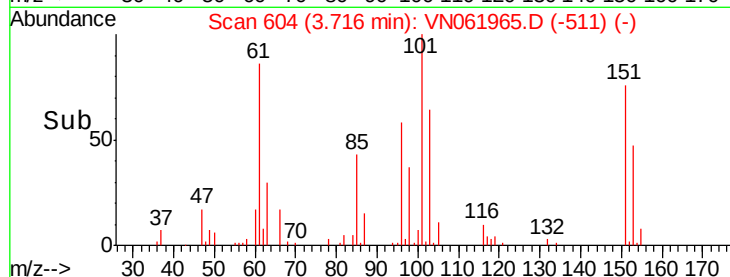
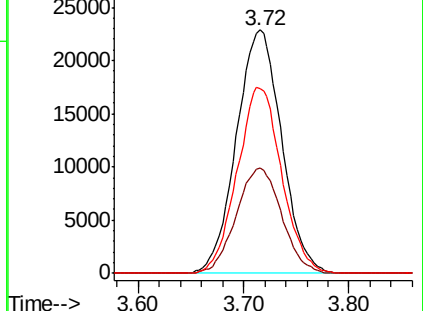
151 75.1 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.042 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

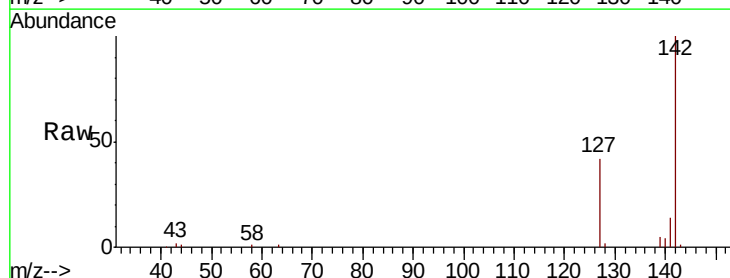
Tgt Ion:142 Resp: 102045

Ion Ratio Lower Upper

142 100

127 41.3 33.4 50.0

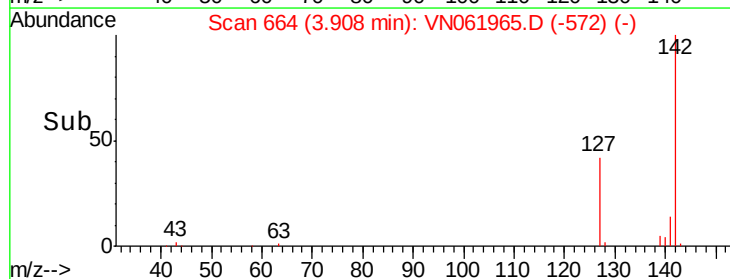
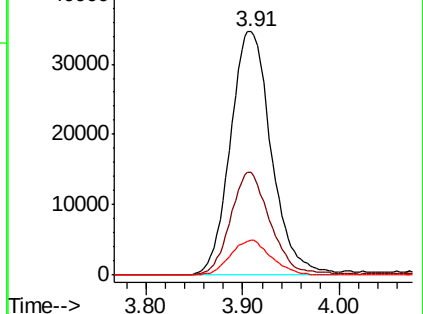
141 14.2 11.3 16.9

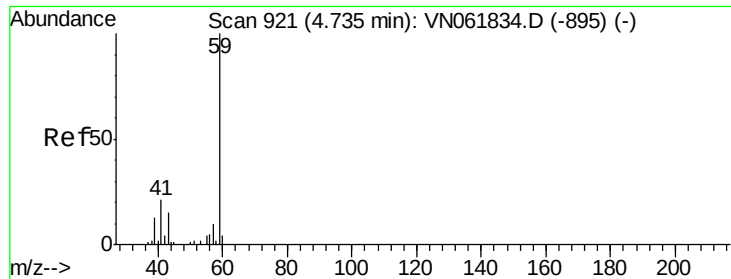


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



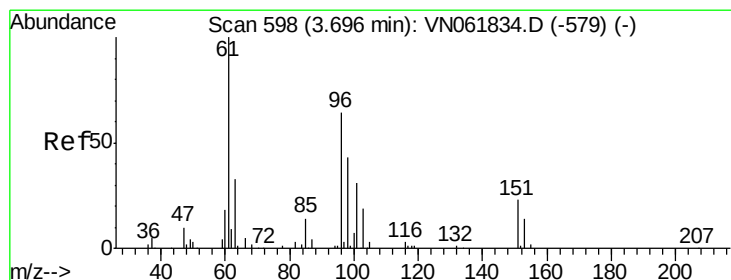
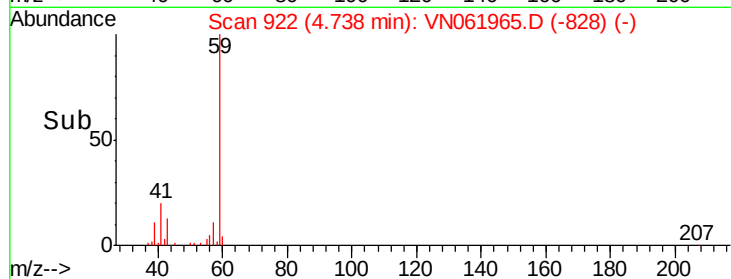
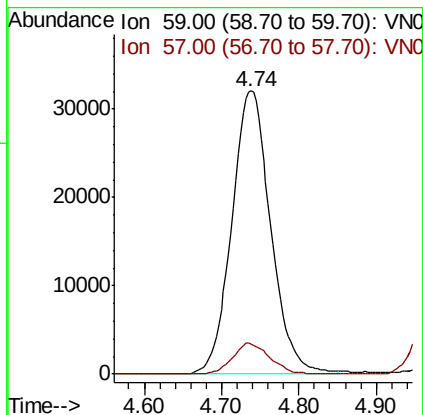
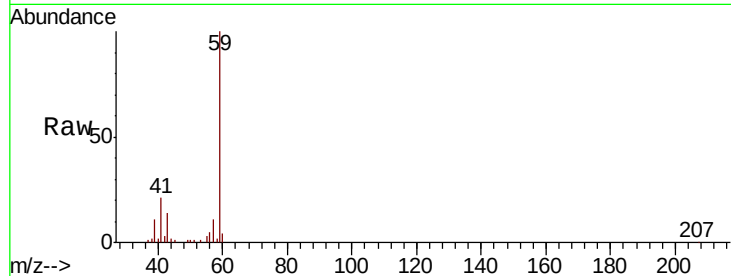


#11

Tert butyl alcohol
 Concen: 378.333 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

Instrument :
 MSVOA_N
 ClientSampled :
 S49-0563MS

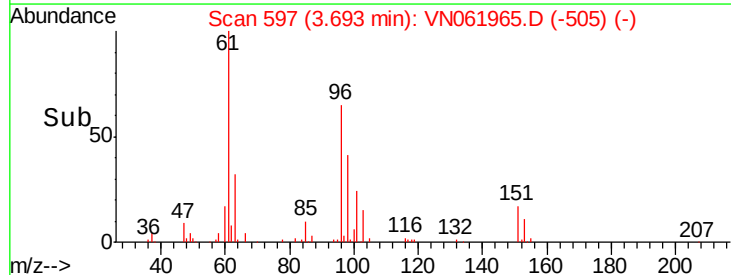
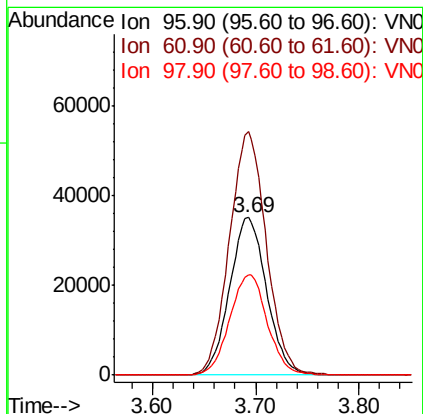
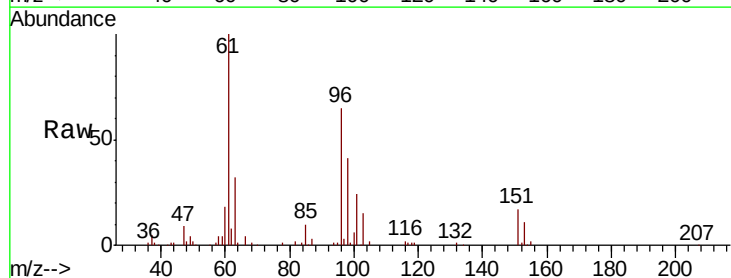
Tot Ion: 59 Resp: 111975
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.7 11.5

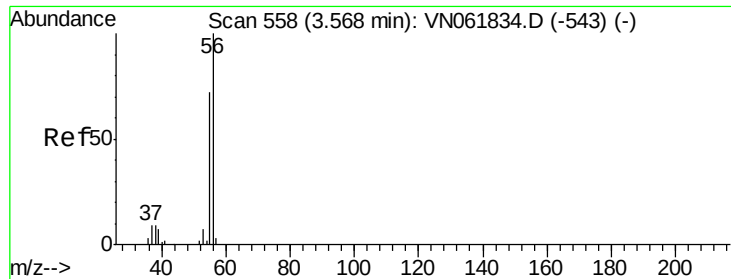


#12

1,1-Dichloroethene
 Concen: 54.064 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

Tgt Ion: 96 Resp: 87603
 Ion Ratio Lower Upper
 96 100
 61 154.5 124.3 186.5
 98 63.8 53.1 79.7

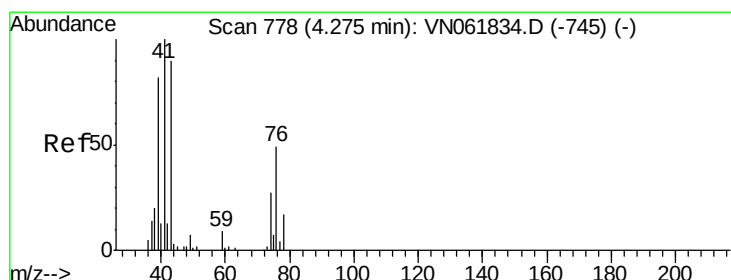
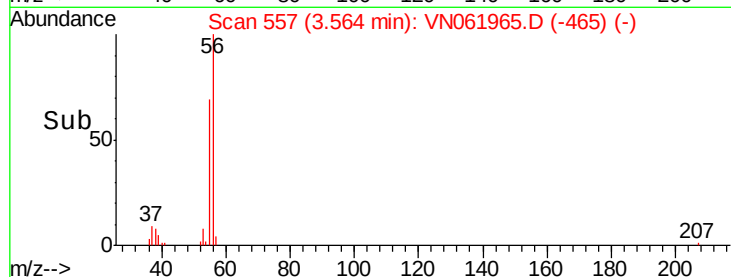
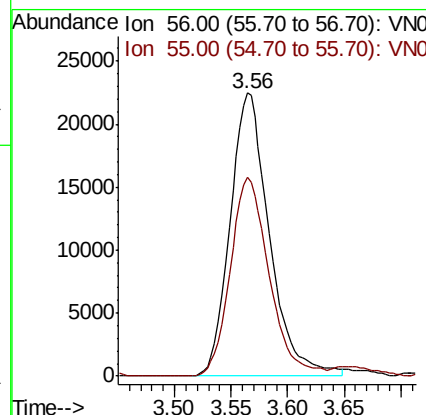
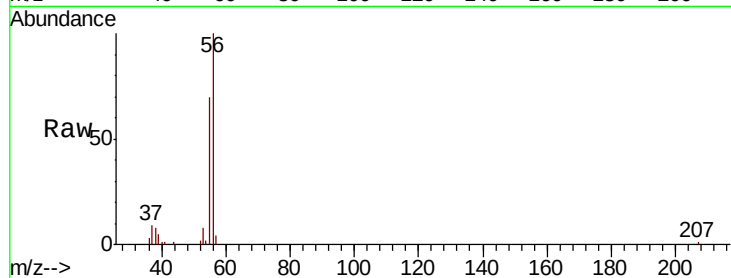




#13
Acrolein
Concen: 306.552 ug/l
RT: 3.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

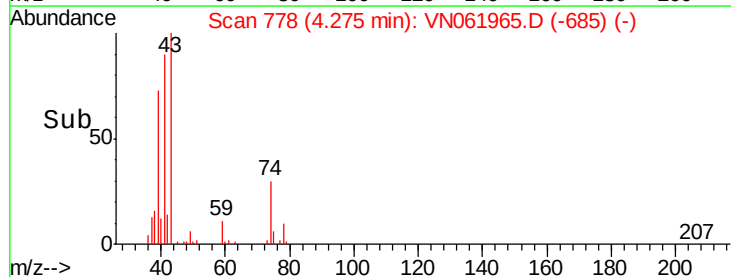
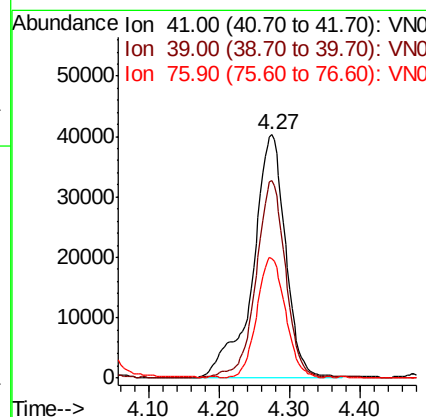
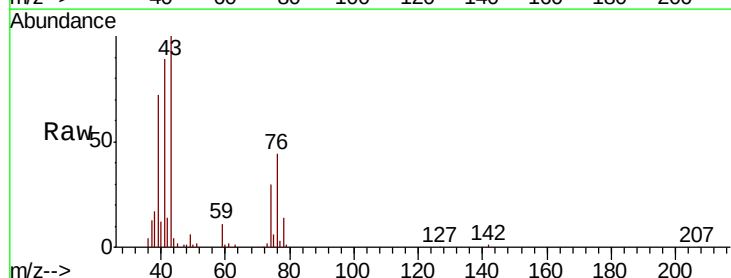
Instrument :
MSVOA_N
ClientSampleId :
S49-0563MS

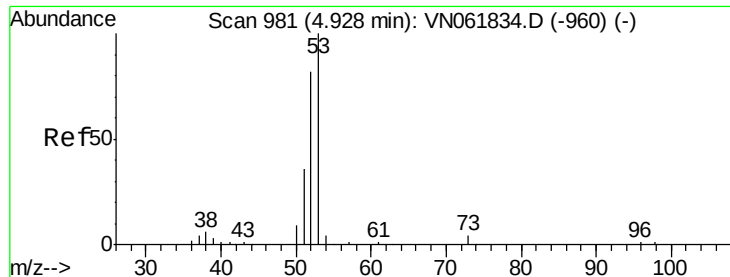
Tot Ion: 56 Resp: 54227
Ion Ratio Lower Upper
56 100
55 69.7 56.2 84.4



#14
Allyl chloride
Concen: 61.019 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Tgt Ion: 41 Resp: 131226
Ion Ratio Lower Upper
41 100
39 73.0 60.2 90.2
76 43.1 36.3 54.5





#15

Acrylonitrile

Concen: 360.698 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MS

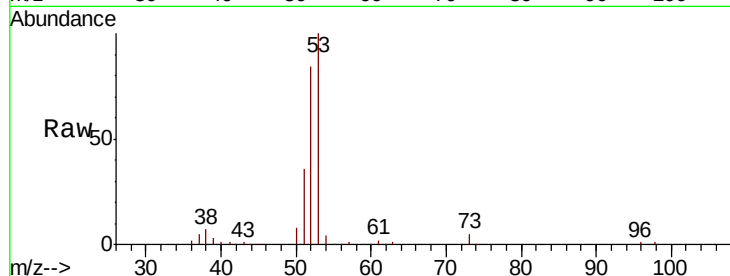
Tot Ion: 53 Resp: 264523

Ion Ratio Lower Upper

53 100

52 82.8 65.2 97.8

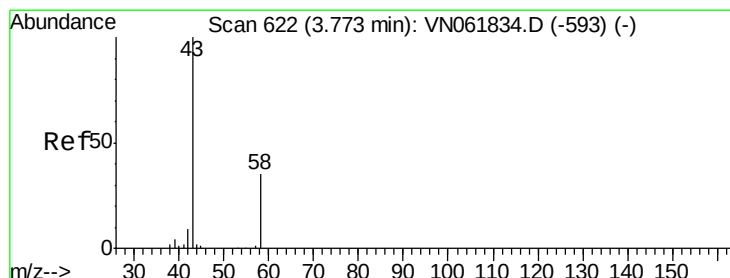
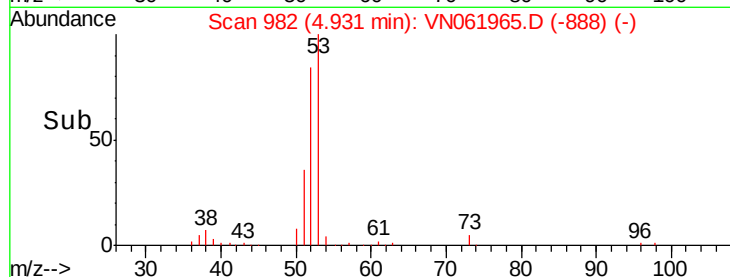
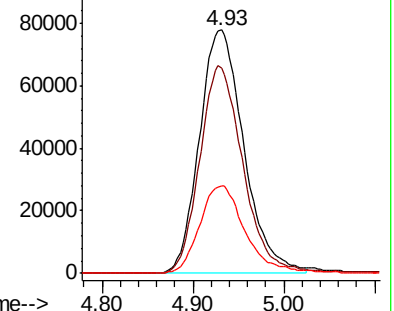
51 37.0 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN061834.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN061834.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN061834.D (-960) (-)



#16

Acetone

Concen: 580.597 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061965.D

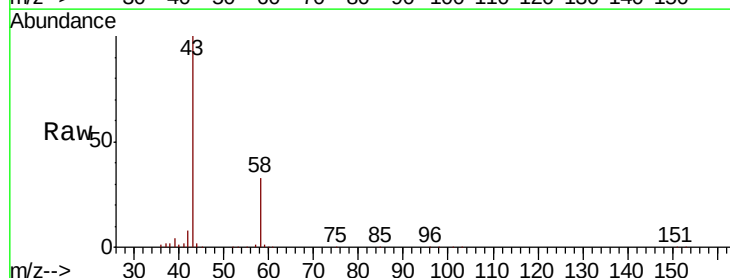
Acq: 19 Jun 2020 20:24

Tgt Ion: 43 Resp: 366803

Ion Ratio Lower Upper

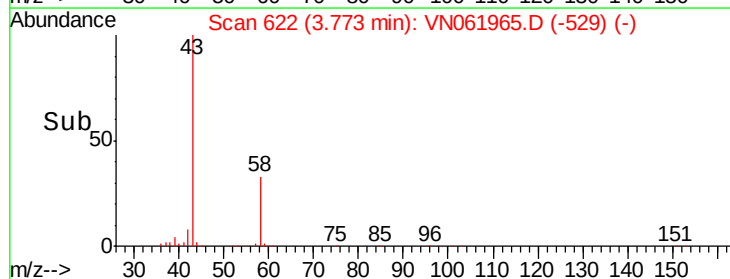
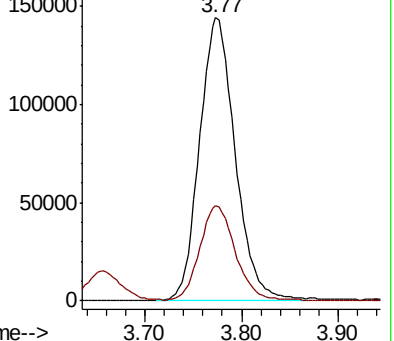
43 100

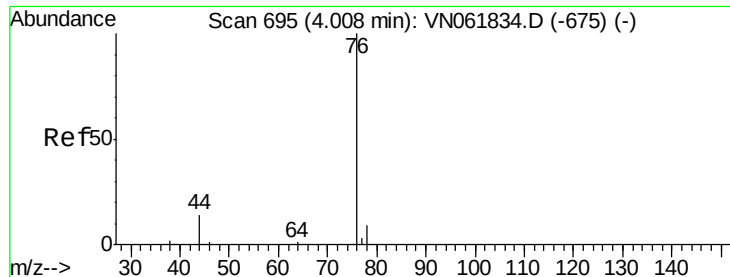
58 33.1 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-593) (-)





#17

Carbon Disulfide

Concen: 52.913 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_N

ClientSampled :

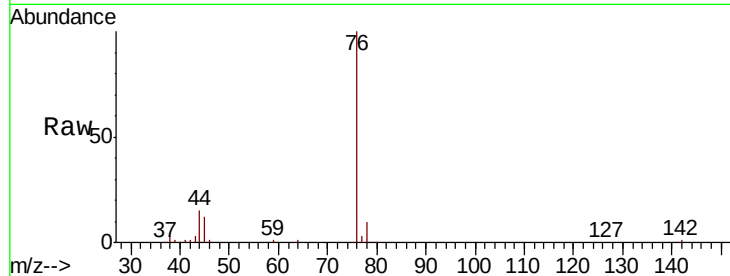
S49-0563MS

Tot Ion: 76 Resp: 250869

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN061834.D (-675) (-)

Ion 77.90 (77.60 to 78.60): VN061834.D (-675) (-)

4.00

100000

80000

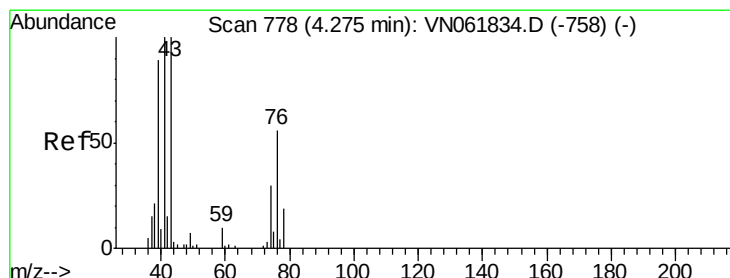
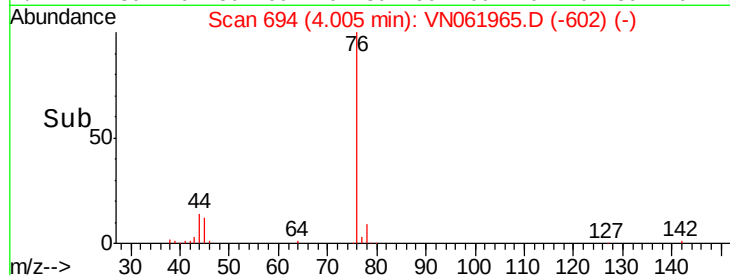
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 73.165 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061965.D

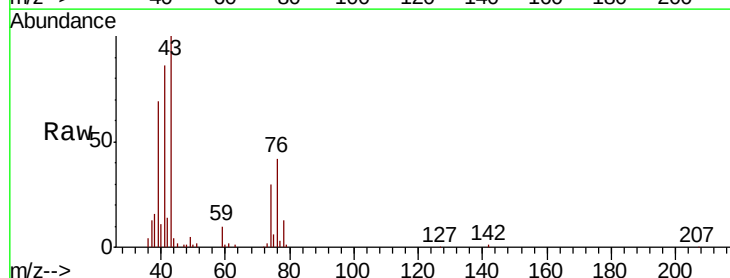
Acq: 19 Jun 2020 20:24

Tgt Ion: 43 Resp: 133078

Ion Ratio Lower Upper

43 100

74 28.9 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.30): VN061834.D (-758) (-)

Ion 74.00 (73.70 to 74.30): VN061834.D (-758) (-)

4.28

50000

40000

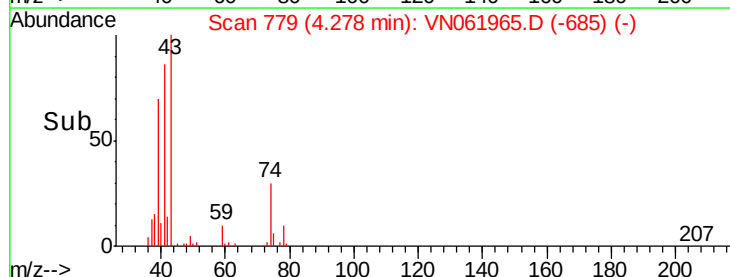
30000

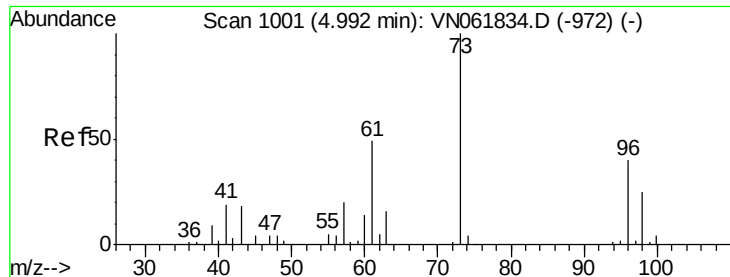
20000

10000

0

Time-->

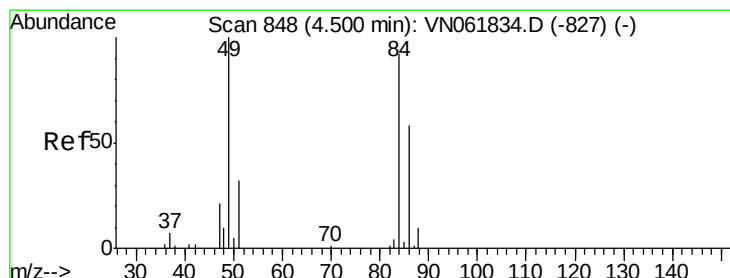
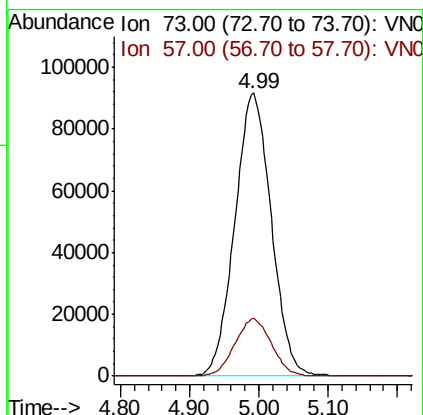
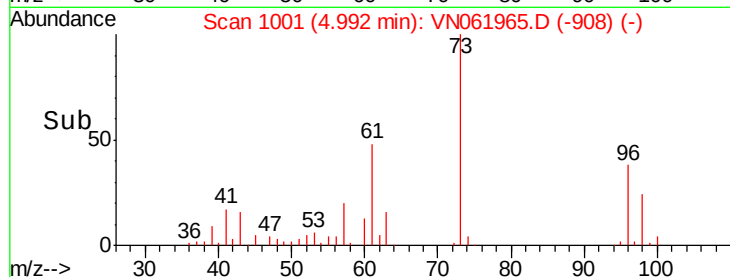
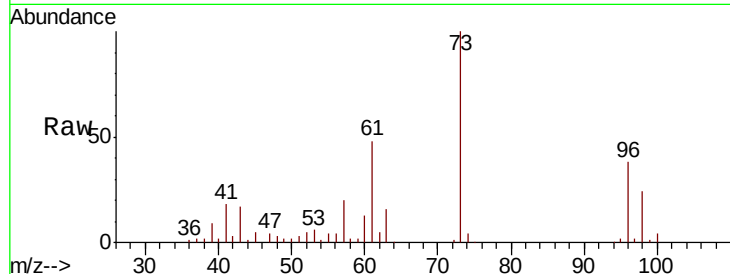




#19
Methvl tert-butyl Ether
Concen: 62.235 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

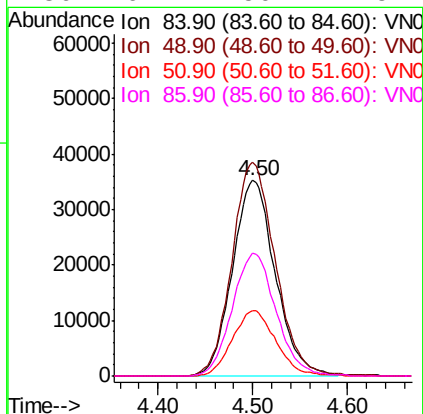
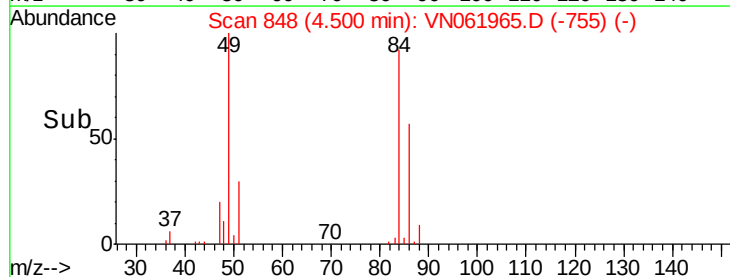
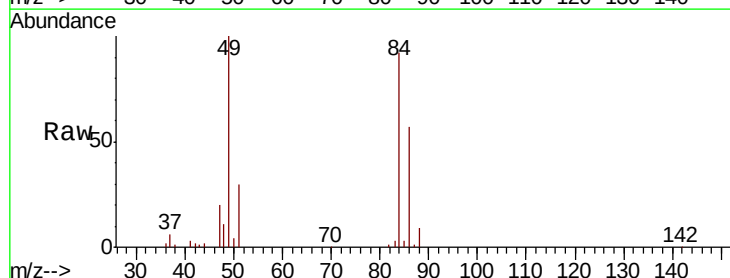
Instrument :
MSVOA_N
ClientSampleId :
S49-0563MS

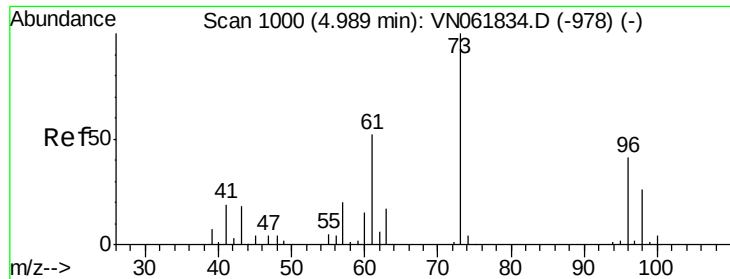
Tot Ion: 73 Resp: 335762
Ion Ratio Lower Upper
73 100
57 20.4 16.2 24.4



#20
Methylene Chloride
Concen: 53.873 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Tgt Ion: 84 Resp: 110887
Ion Ratio Lower Upper
84 100
49 109.3 87.0 130.4
51 33.3 27.8 41.6
86 62.7 50.2 75.2

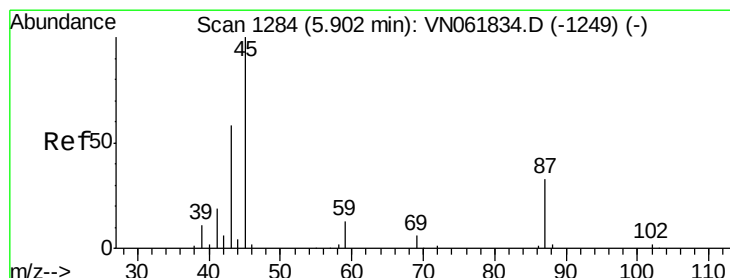
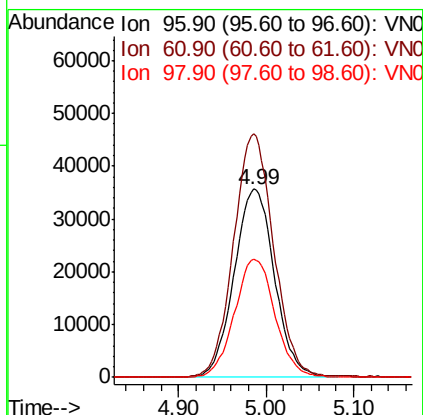
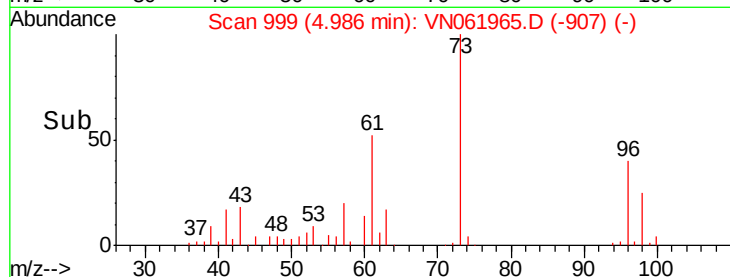
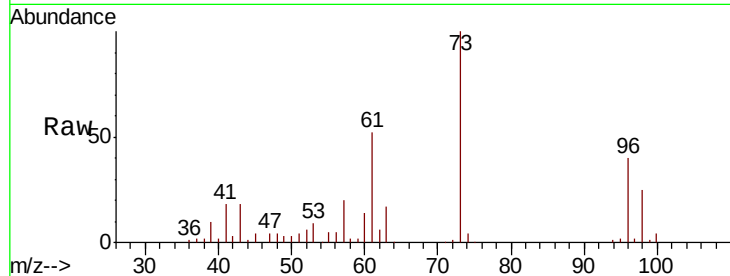




#21
trans-1,2-Dichloroethene
Concen: 61.373 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

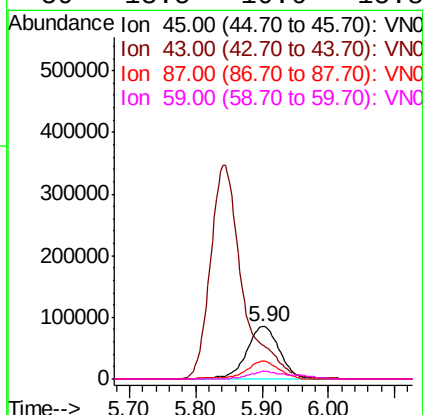
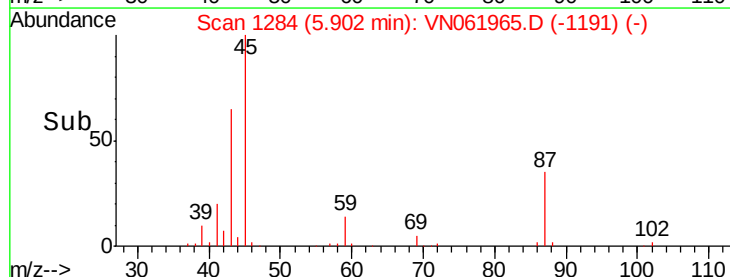
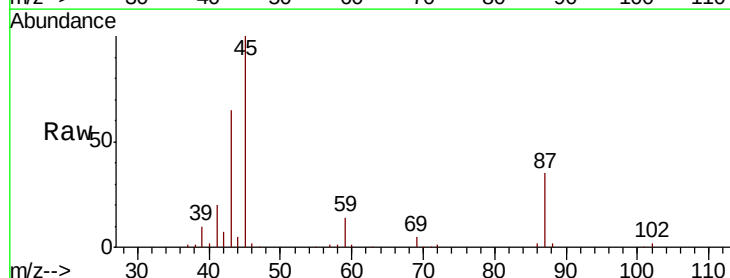
Instrument :
MSVOA_N
ClientSampled :
S49-0563MS

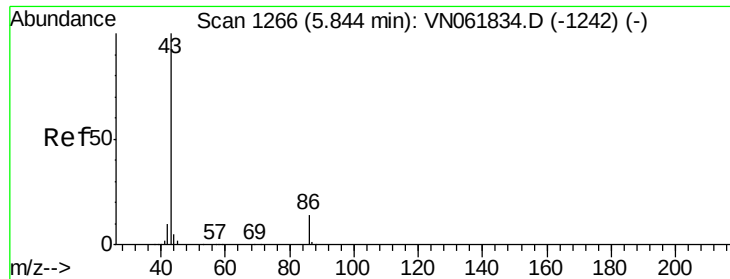
Tot Ion: 96 Resp: 114226
Ion Ratio Lower Upper
96 100
61 129.4 102.2 153.4
98 62.6 51.2 76.8



#22
Diisopropyl ether
Concen: 59.659 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Tgt Ion: 45 Resp: 293429
Ion Ratio Lower Upper
45 100
43 63.2 49.4 74.2
87 34.6 27.4 41.0
59 13.5 10.6 15.8





#23

Vinyl Acetate

Concen: 304.327 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

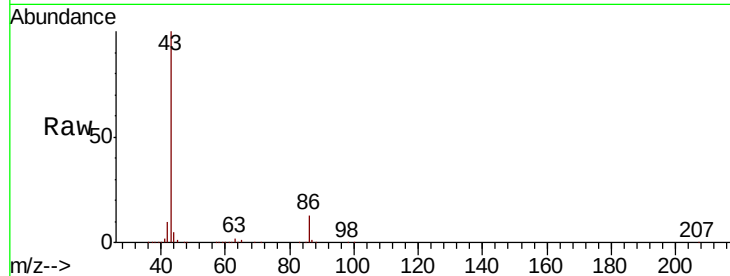
S49-0563MS

Tot Ion: 43 Resp: 1177259

Ion Ratio Lower Upper

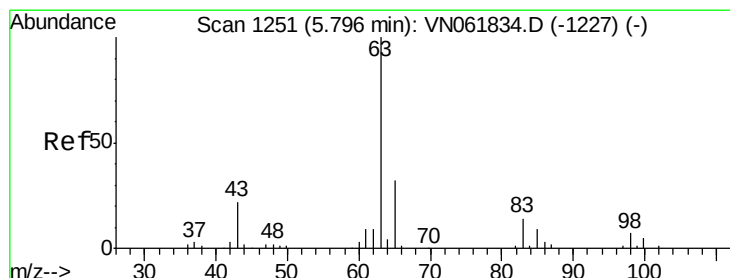
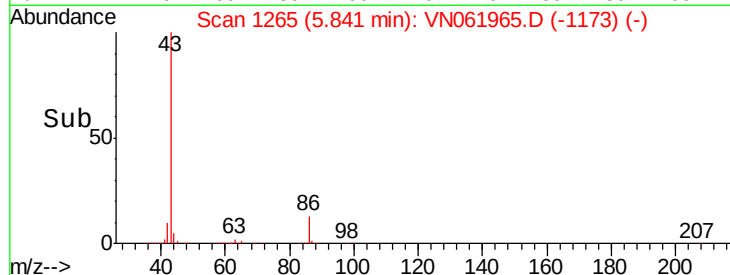
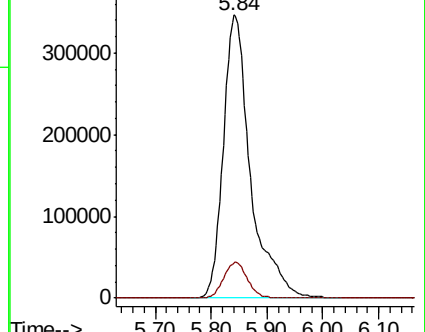
43 100

86 12.6 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1242) (-)

Ion 86.00 (85.70 to 86.70): VN061834.D (-1242) (-)



#24

1,1-Dichloroethane

Concen: 56.893 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

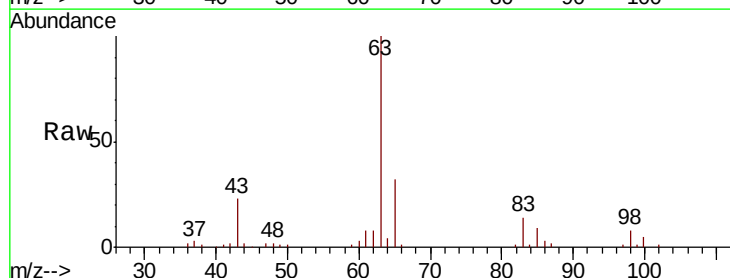
Tgt Ion: 63 Resp: 183177

Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.4

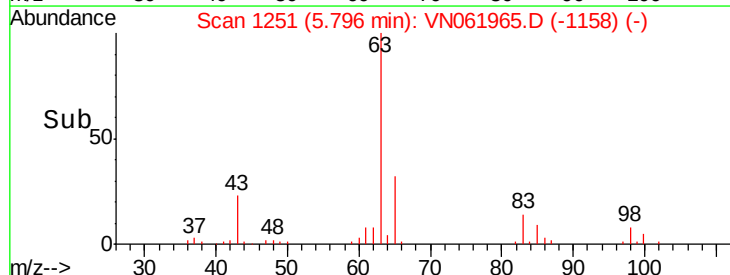
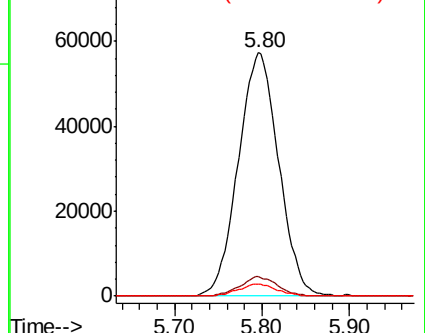
100 5.0 2.5 7.4

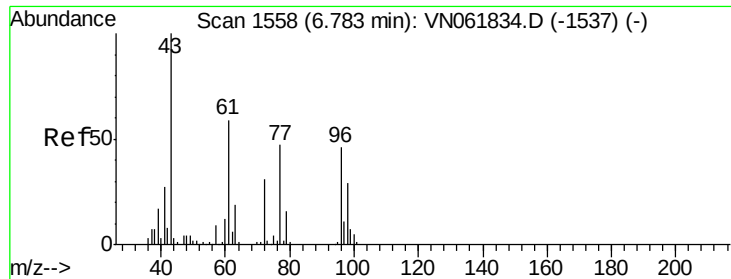


Abundance Ion 62.90 (62.60 to 63.60): VN061834.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN061834.D (-1227) (-)

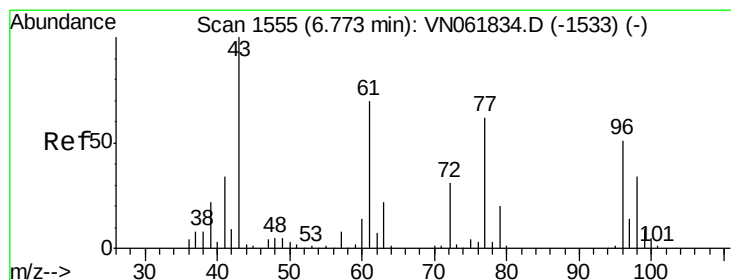
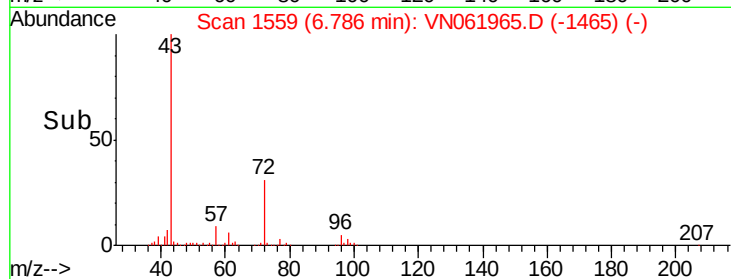
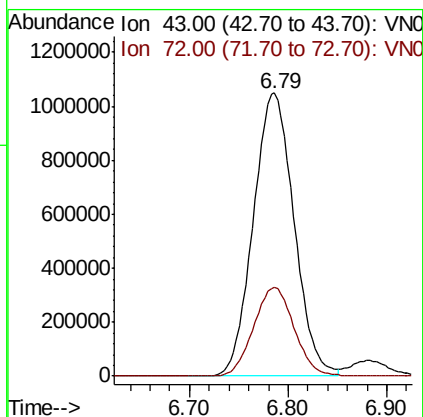
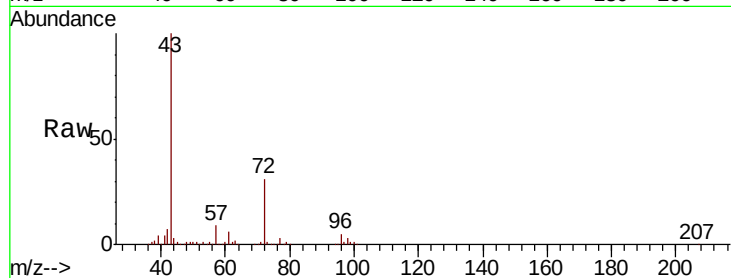




#25
2-Butanone
Concen: 3247.838 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

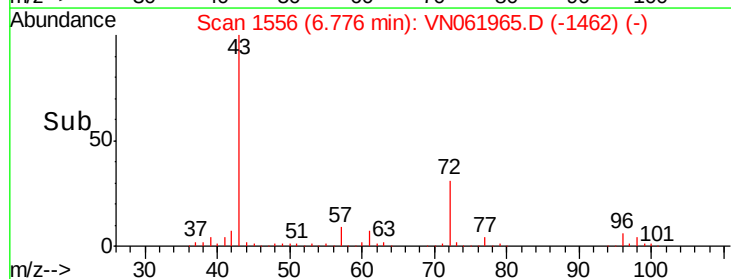
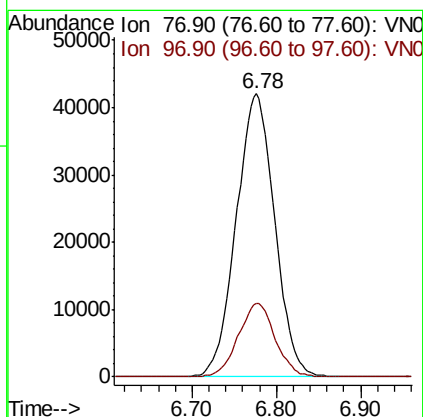
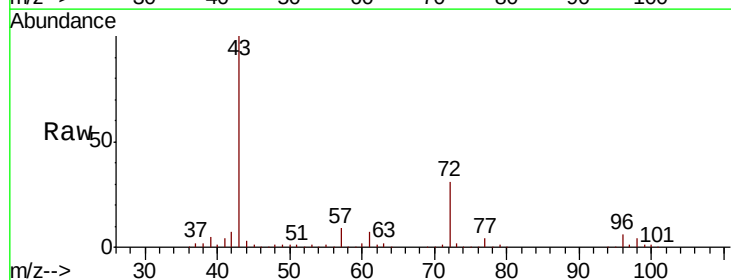
Instrument :
MSVOA_N
ClientSampled :
S49-0563MS

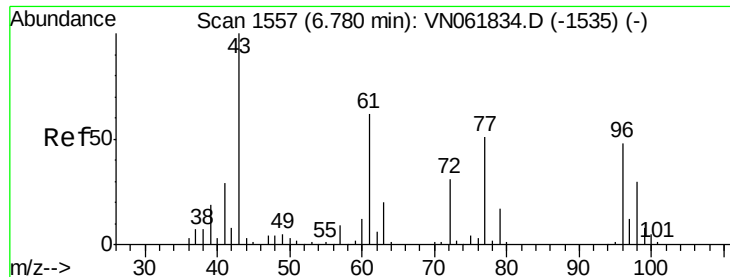
Tot Ion: 43 Resp: 2993701
Ion Ratio Lower Upper
43 100
72 31.4 24.6 37.0



#26
2,2-Dichloropropane
Concen: 49.302 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Tgt Ion: 77 Resp: 133550
Ion Ratio Lower Upper
77 100
97 24.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 73.850 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MS

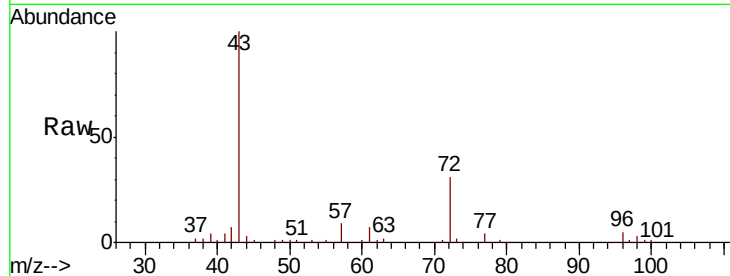
Tot Ion: 96 Resp: 158594

Ion Ratio Lower Upper

96 100

61 130.8 0.0 265.6

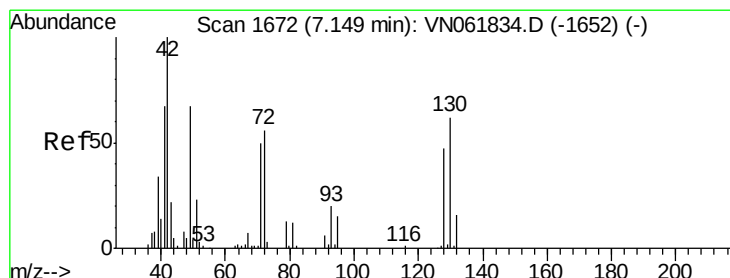
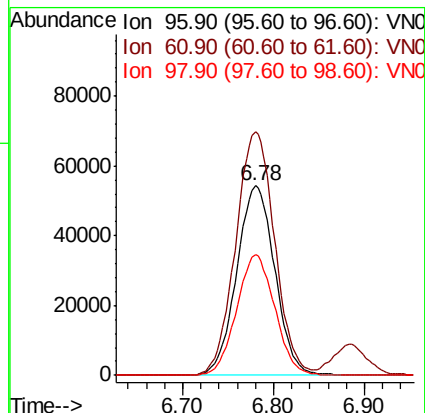
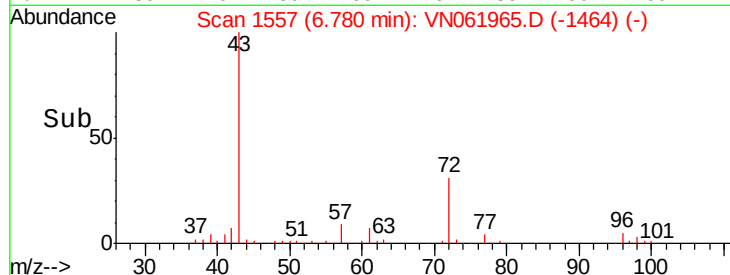
98 63.5 0.0 128.2



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



#28

Bromochloromethane

Concen: 61.970 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

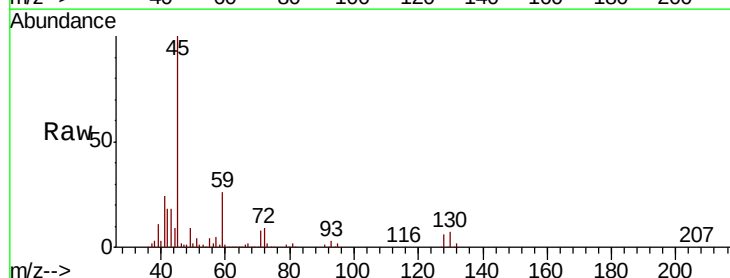
Tgt Ion: 49 Resp: 88839

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

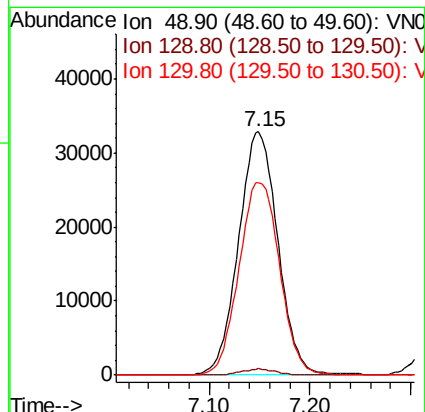
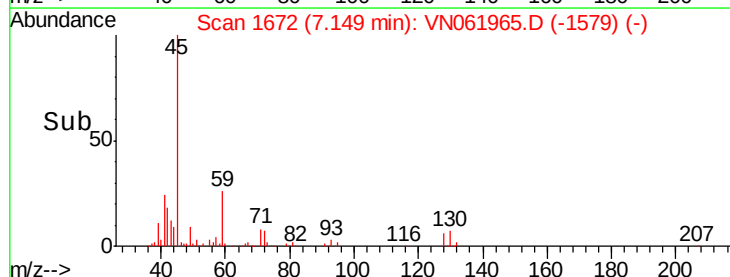
130 82.0 72.2 108.2

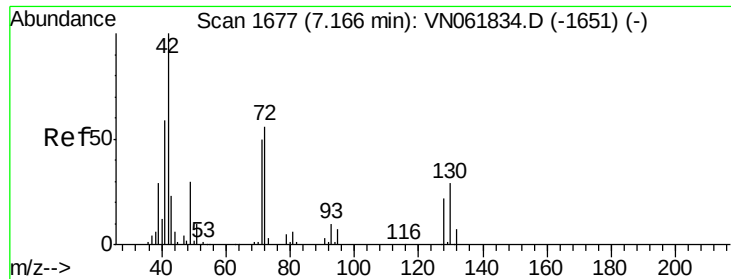


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

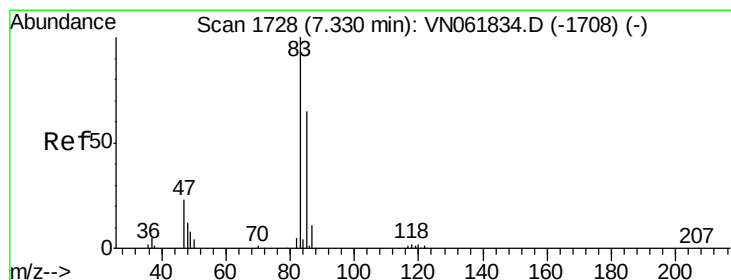
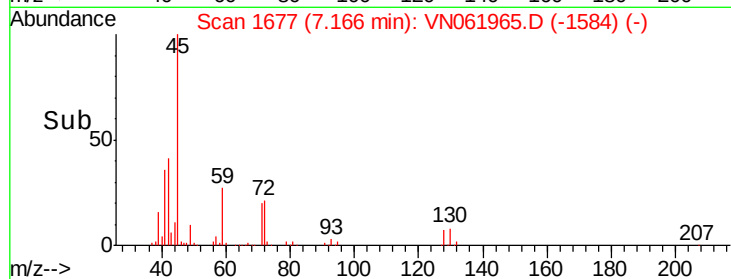
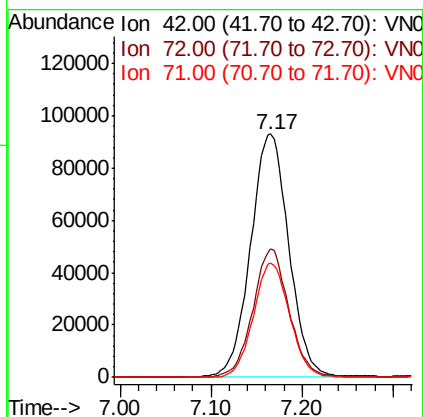
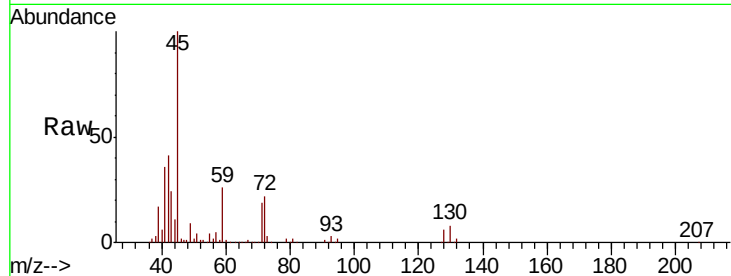




#29
Tetrahydrofuran
Concen: 447.805 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

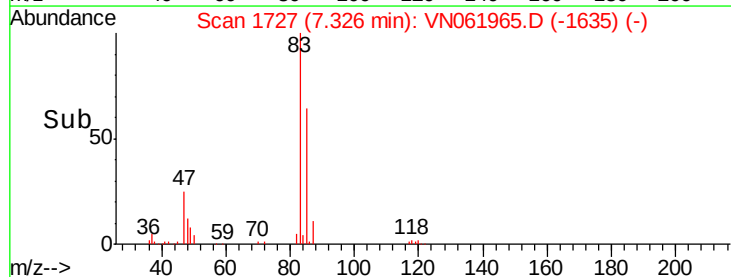
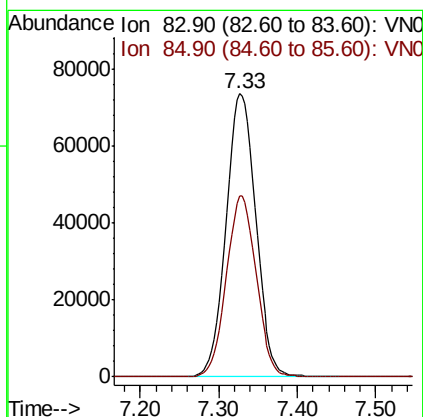
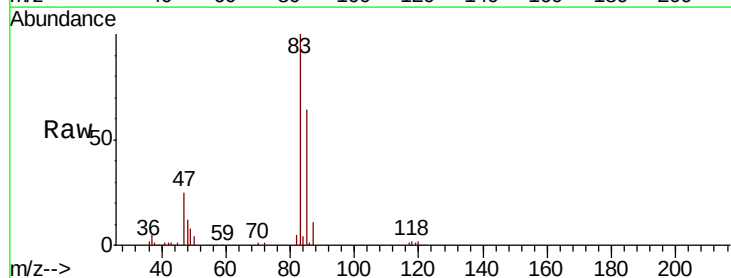
Instrument :
MSVOA_N
ClientSampled :
S49-0563MS

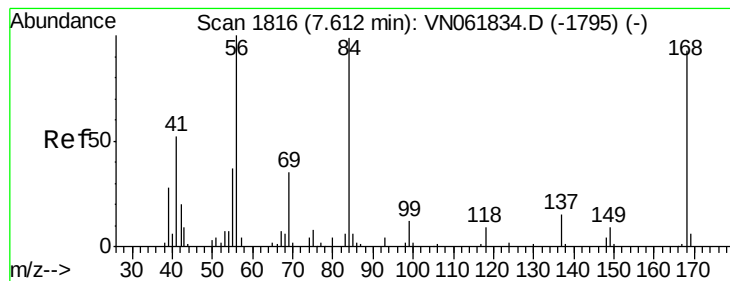
Tot Ion: 42 Resp: 271644
Ion Ratio Lower Upper
42 100
72 49.2 44.0 66.0
71 44.4 40.0 60.0



#30
Chloroform
Concen: 56.369 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Tgt Ion: 83 Resp: 193967
Ion Ratio Lower Upper
83 100
85 64.2 52.0 78.0





#31

Cyclohexane

Concen: 42.868 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_N

ClientSampled :

S49-0563MS

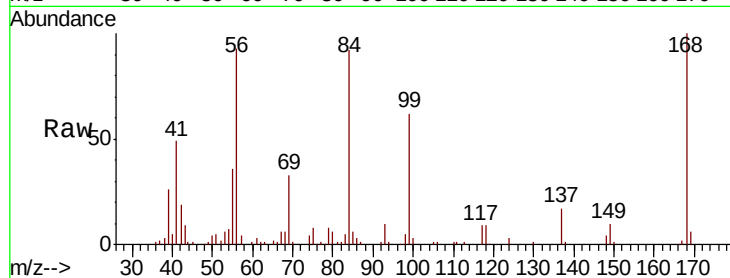
Tot Ion: 56 Resp: 120826

Ion Ratio Lower Upper

56 100

69 35.5 27.7 41.5

84 97.1 79.1 118.7

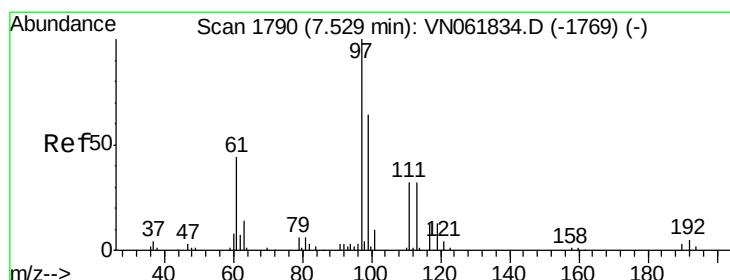
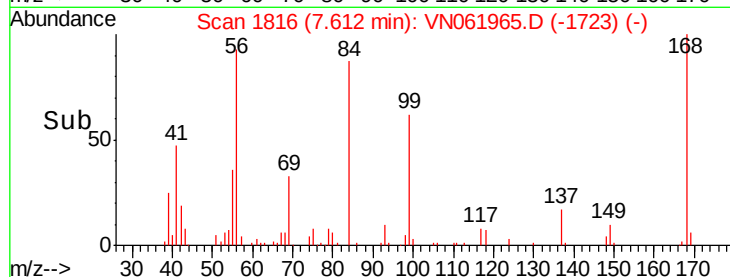
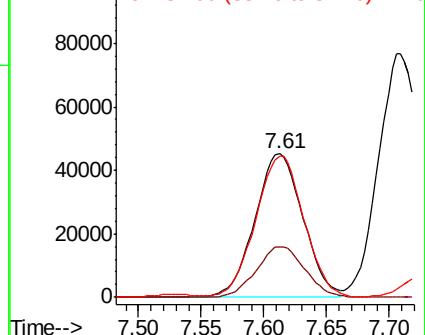


Abundance

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: 53.459 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

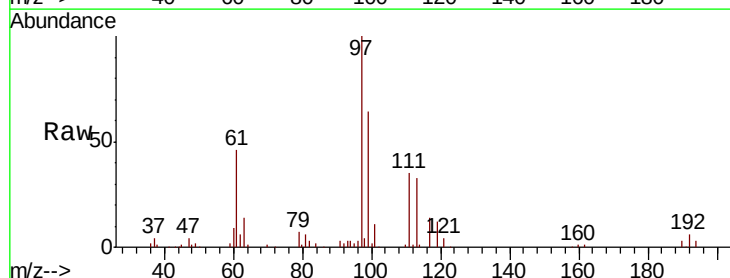
Tgt Ion: 97 Resp: 156661

Ion Ratio Lower Upper

97 100

99 63.3 51.5 77.3

61 45.5 35.1 52.7

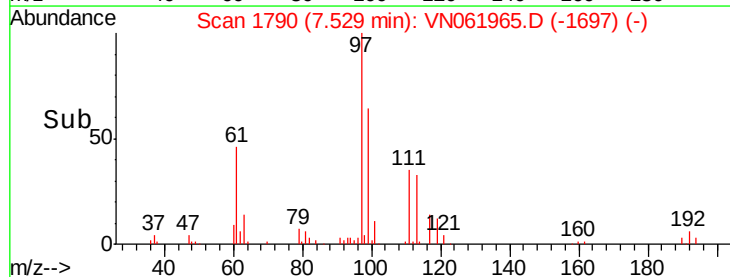
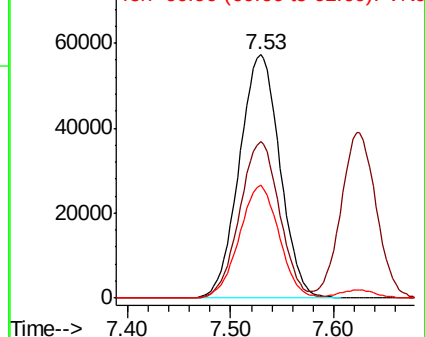


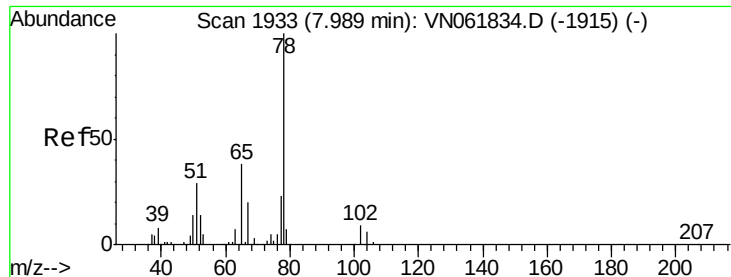
Abundance

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

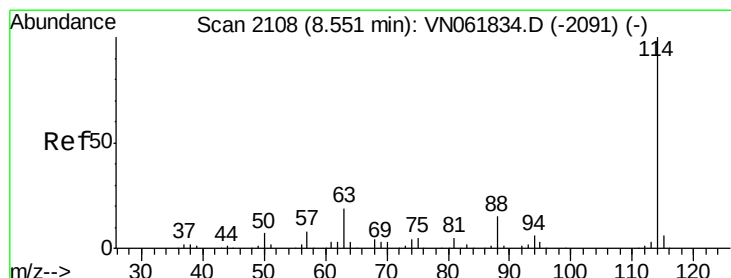
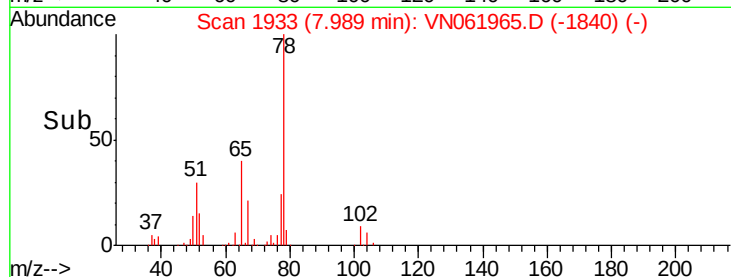
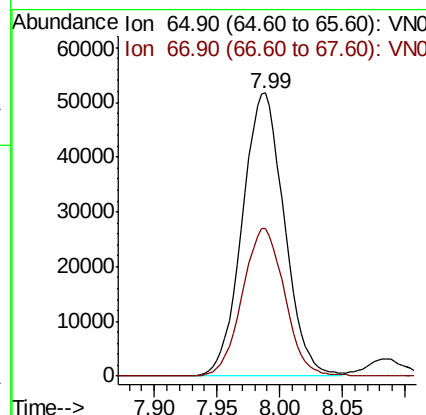
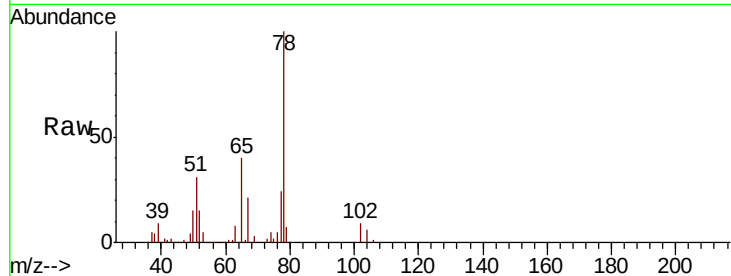




#33
 1,2-Dichloroethane-d4
 Concen: 56.417 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

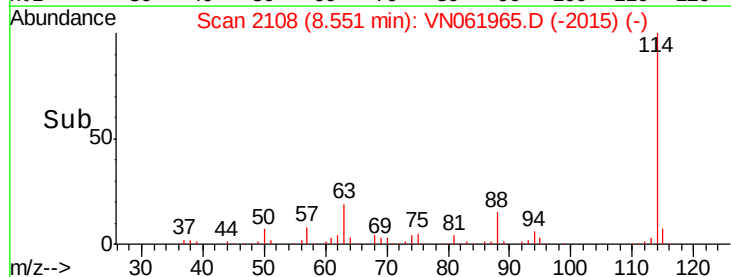
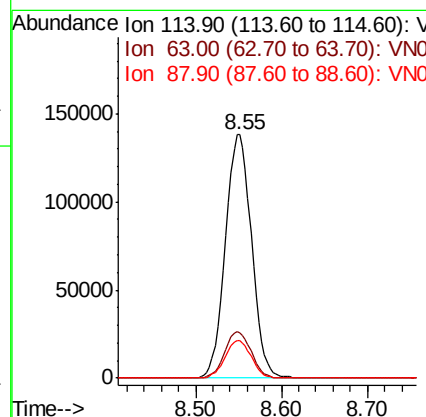
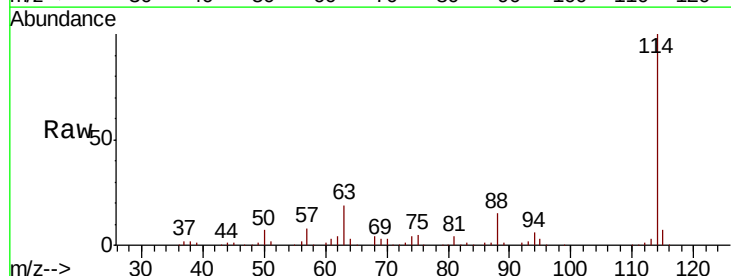
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MS

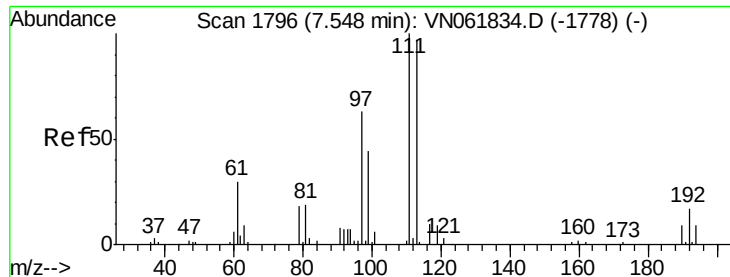
Tot Ion: 65 Resp: 120666
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

Tgt Ion: 114 Resp: 292862
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.6
 88 15.2 0.0 31.0

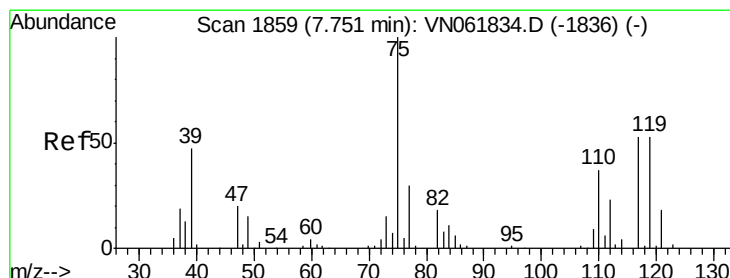
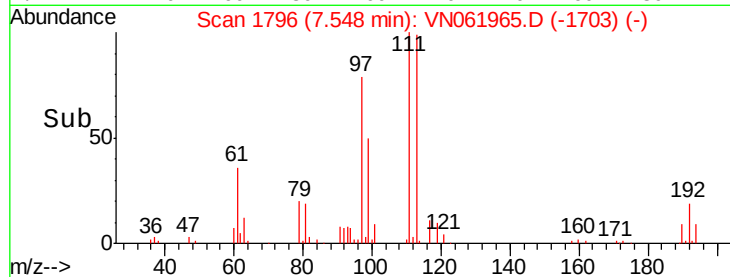
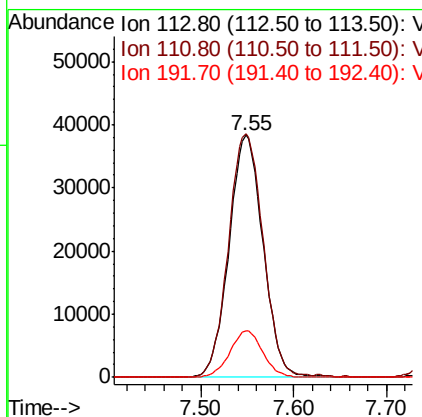
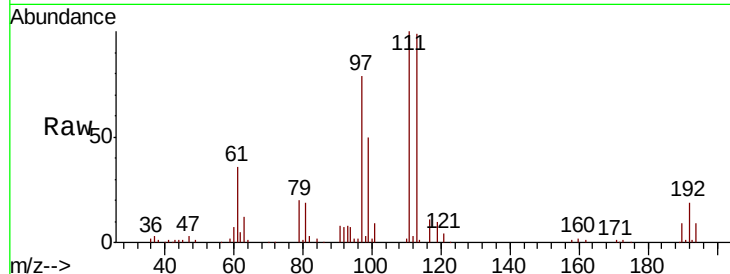




#35
 Dibromofluoromethane
 Concen: 52.171 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

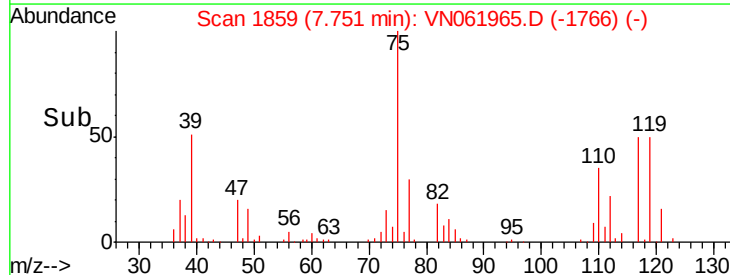
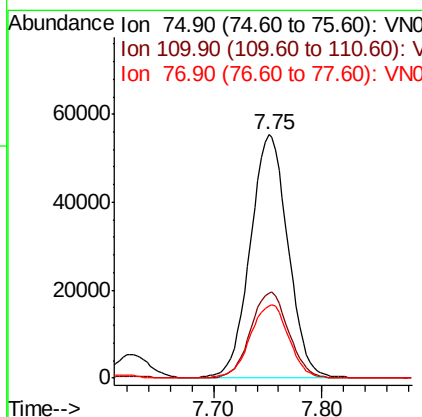
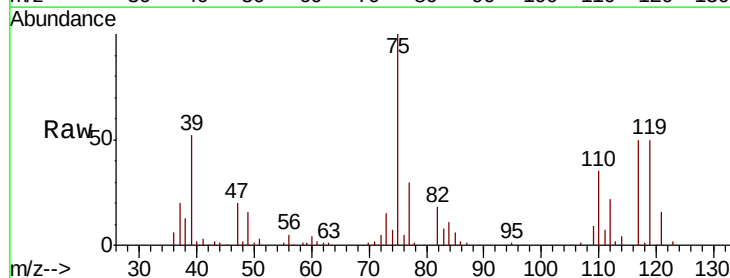
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MS

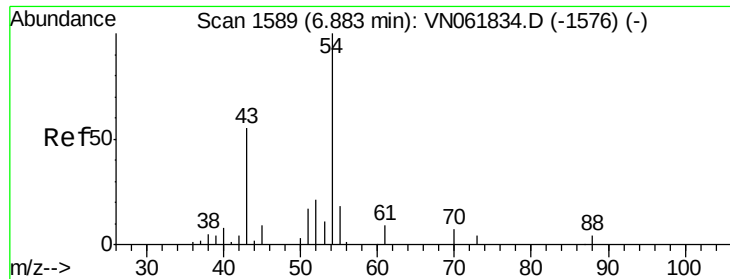
Tot Ion:113 Resp: 97747
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.7 125.5
 192 18.5 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 50.397 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

Tgt Ion: 75 Resp: 134622
 Ion Ratio Lower Upper
 75 100
 110 35.6 18.2 54.6
 77 30.8 24.2 36.4

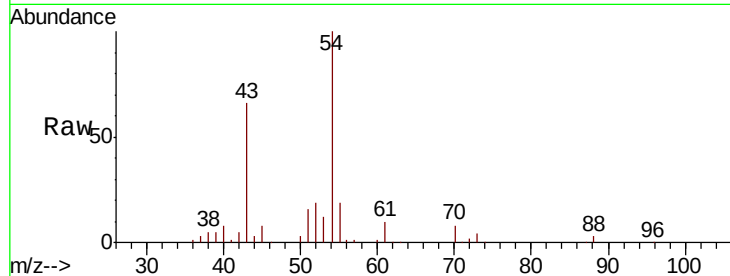




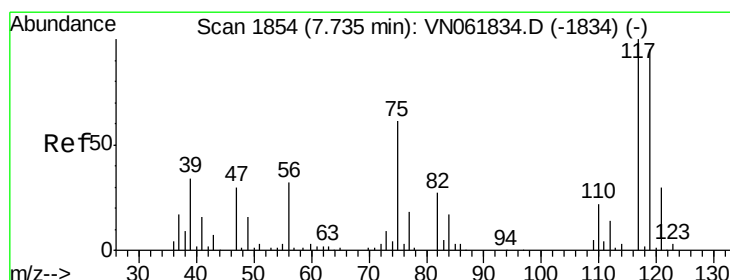
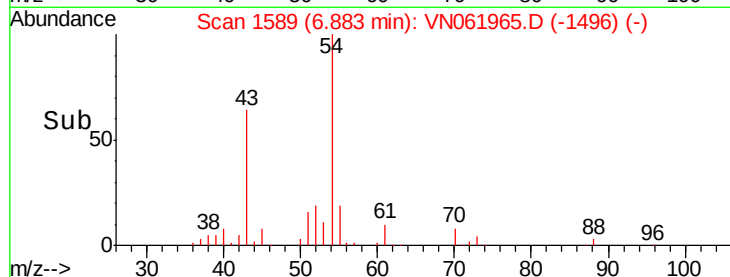
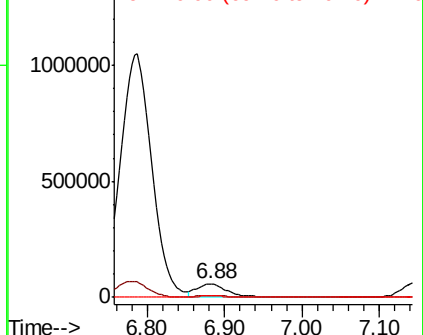
#37
Ethyl Acetate
Concen: 77.093 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Instrument :
MSVOA_N
ClientSampled :
S49-0563MS

Tot Ion: 43 Resp: 160814
Ion Ratio Lower Upper
43 100
61 15.2 13.0 19.4
70 11.4 9.4 14.2

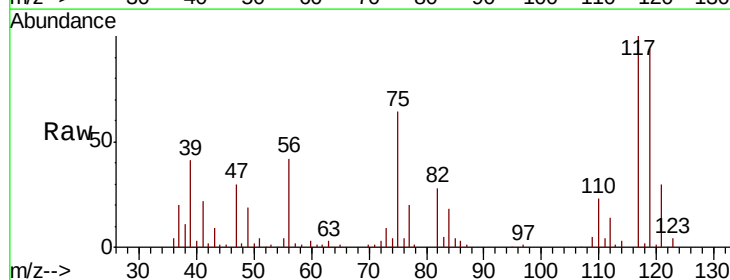


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

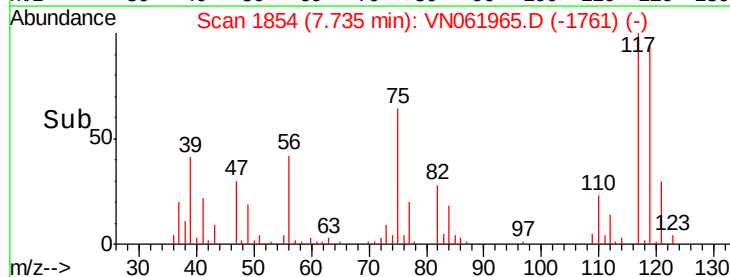
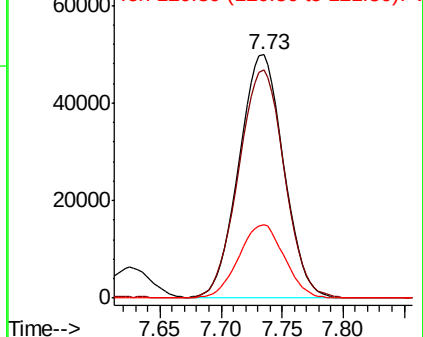


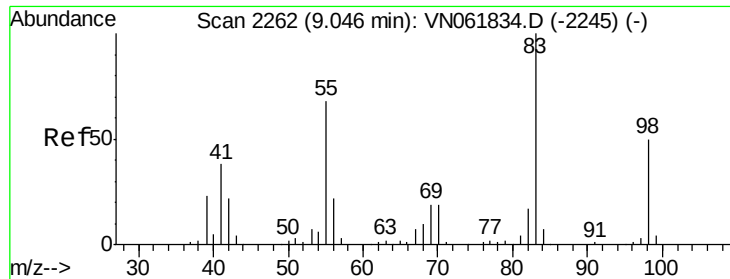
#38
Carbon Tetrachloride
Concen: 47.520 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Tgt Ion: 117 Resp: 125704
Ion Ratio Lower Upper
117 100
119 93.9 75.8 113.6
121 30.4 23.8 35.6



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

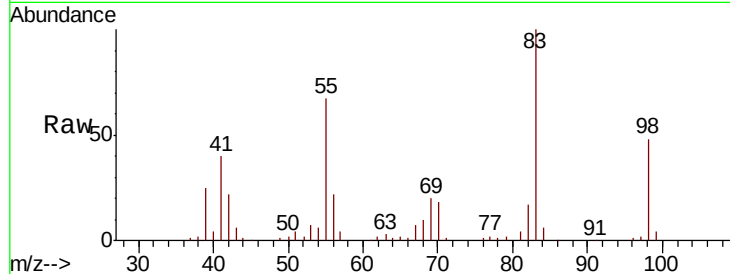




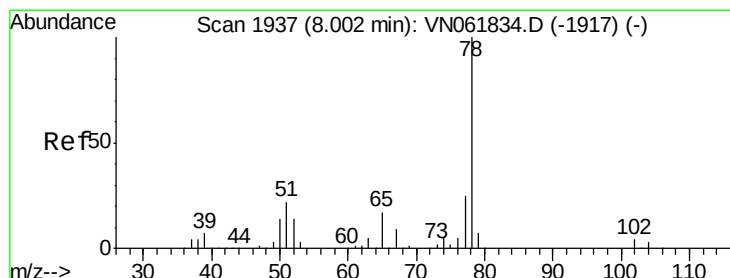
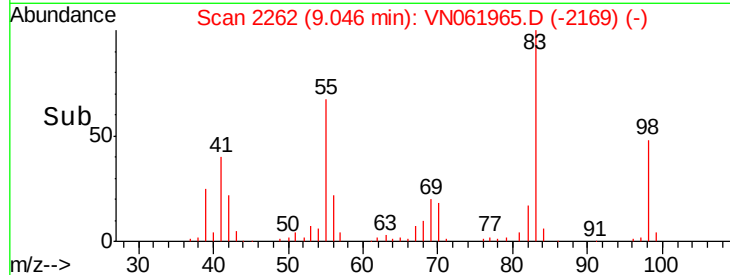
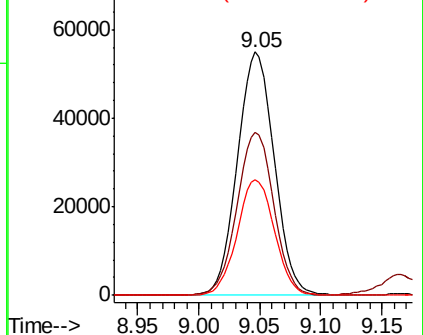
#39
Methylvlcyclohexane
Concen: 39.970 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Instrument :
MSVOA_N
ClientSampled :
S49-0563MS

Tot Ion: 83 Resp: 114968
Ion Ratio Lower Upper
83 100
55 66.8 54.2 81.4
98 47.6 39.8 59.6

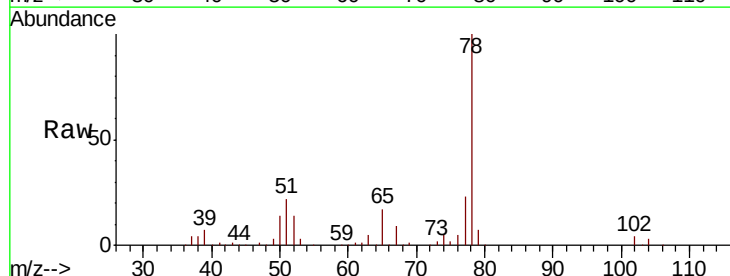


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

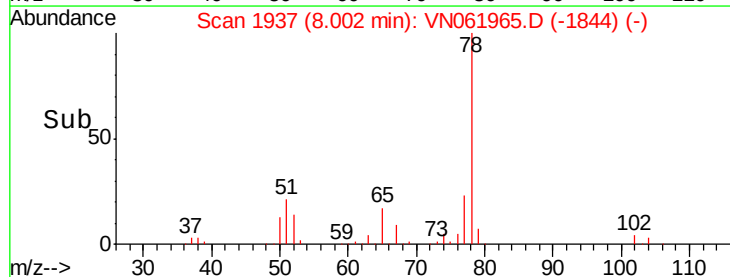
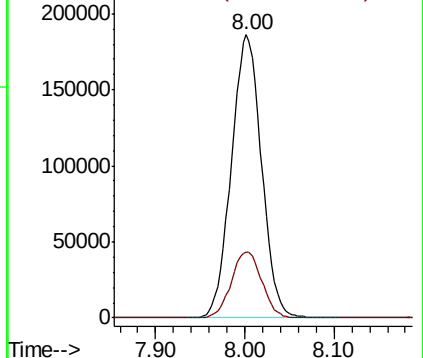


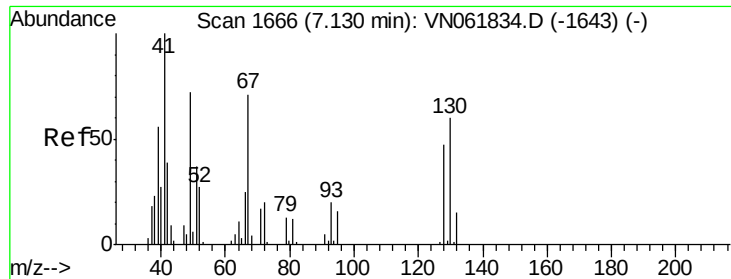
#40
Benzene
Concen: 53.954 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Tgt Ion: 78 Resp: 436578
Ion Ratio Lower Upper
78 100
77 23.5 19.7 29.5



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

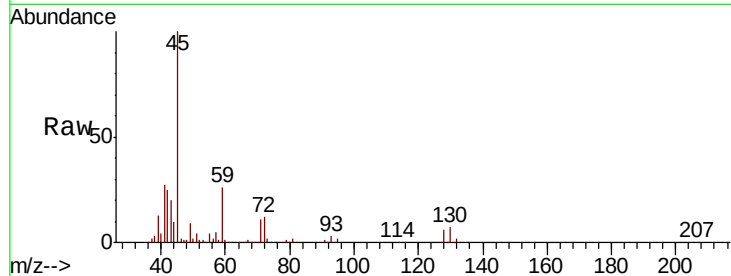




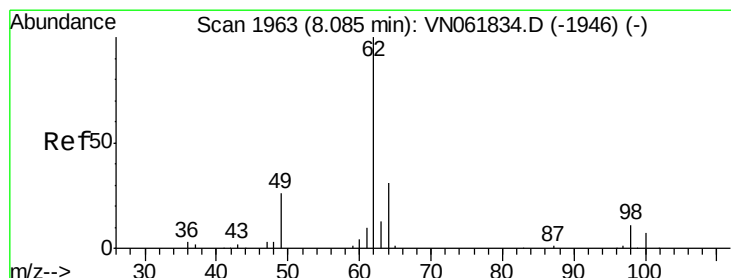
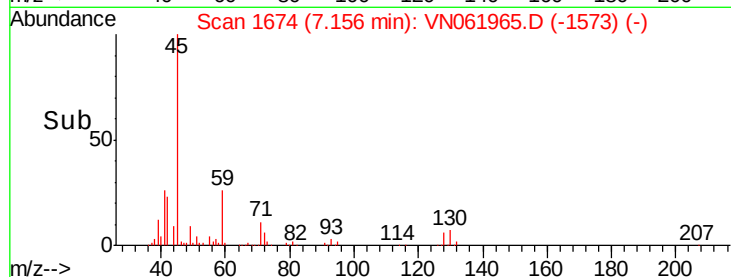
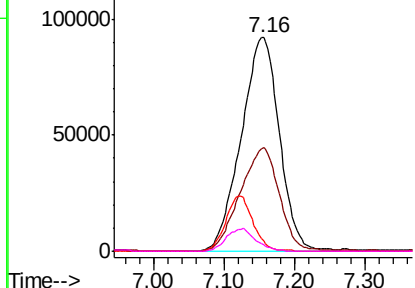
#41
Methacrylonitrile
Concen: 390.049 ug/l
RT: 7.16 min Scan# 1674
Delta R.T. 0.03 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Instrument :
MSVOA_N
ClientSampled :
S49-0563MS

Tot Ion:	41	Resp:	347919
Ion	Ratio	Lower	Upper
41	100		
39	49.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

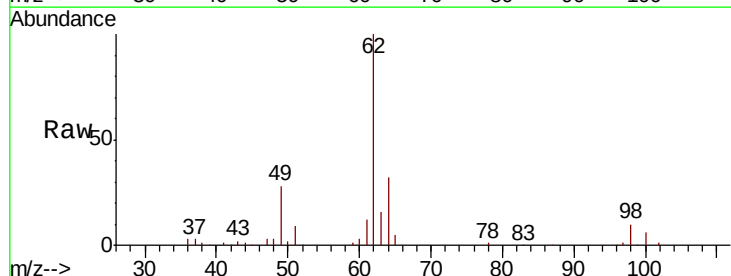


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

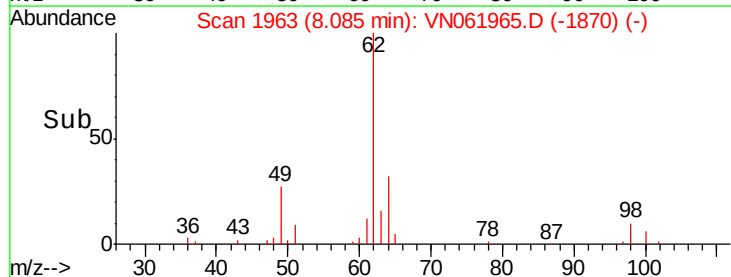
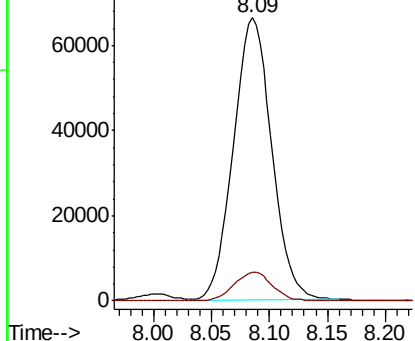


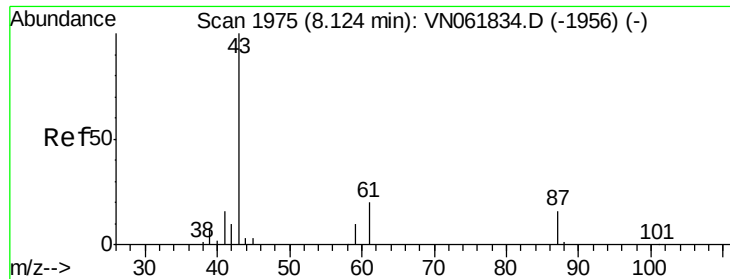
#42
1,2-Dichloroethane
Concen: 55.196 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Tgt Ion:	62	Resp:	152289
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 68.709 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MS

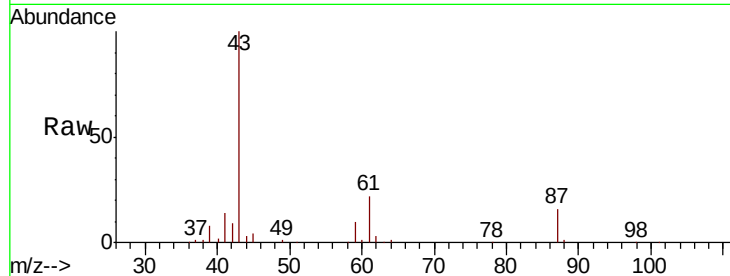
Tot Ion: 43 Resp: 241537

Ion Ratio Lower Upper

43 100

61 28.6 24.0 36.0

87 15.3 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061834.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061834.D (-1956) (-)

8.13

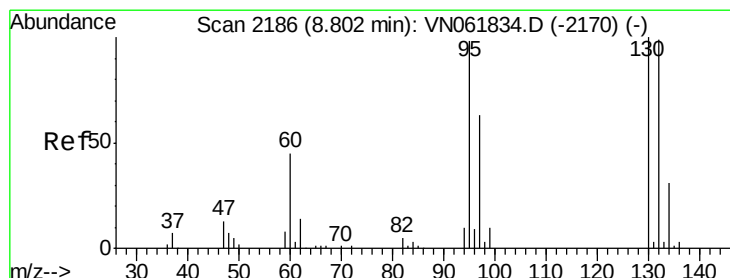
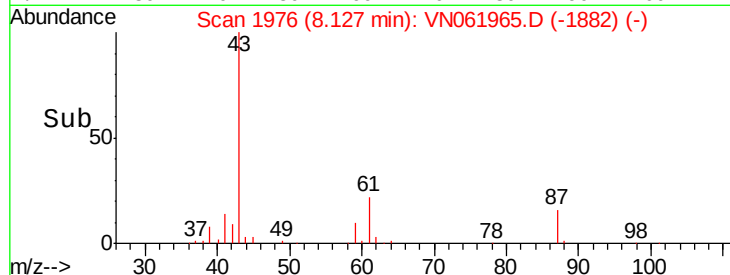
150000

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 51.587 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061965.D

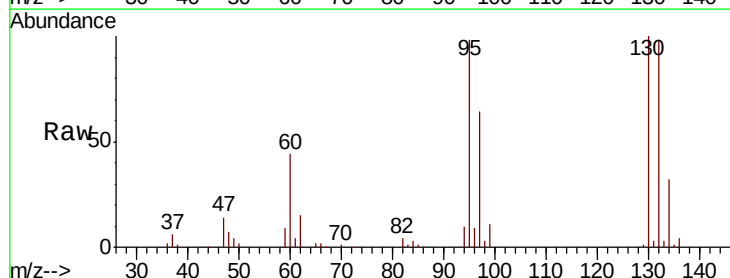
Acq: 19 Jun 2020 20:24

Tgt Ion:130 Resp: 109857

Ion Ratio Lower Upper

130 100

95 97.7 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN061834.D (-2170) (-)

8.80

60000

50000

40000

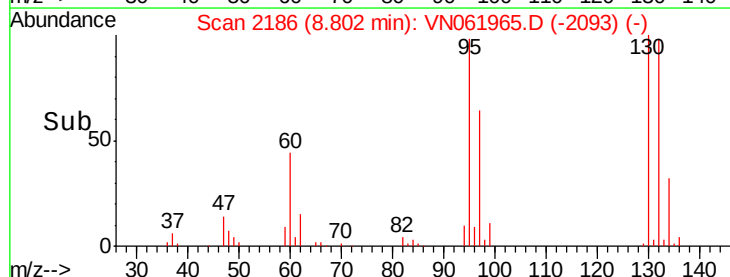
30000

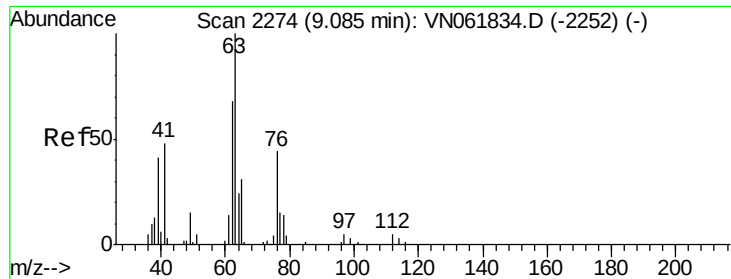
20000

10000

0

Time-->

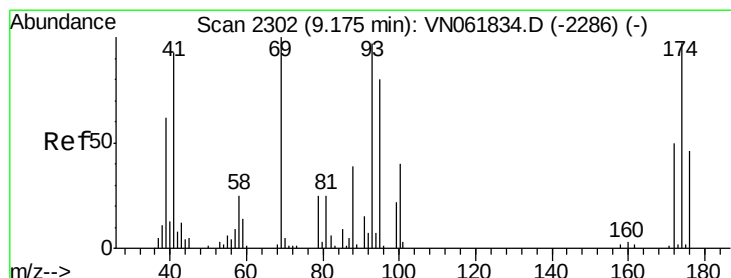
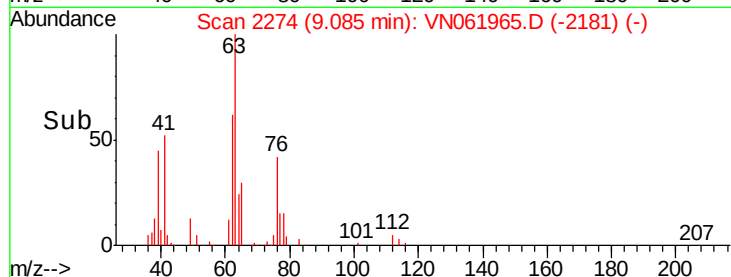
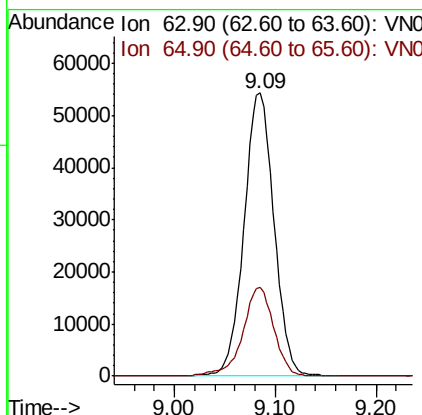
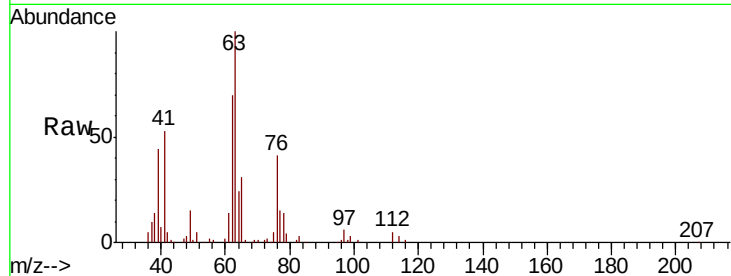




#45
 1,2-Dichloropropane
 Concen: 56.063 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

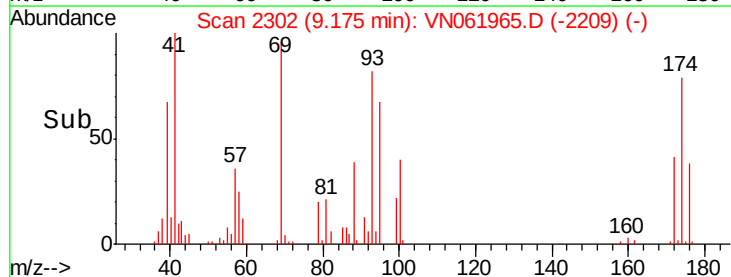
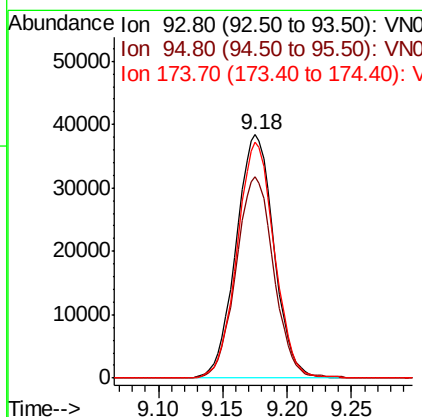
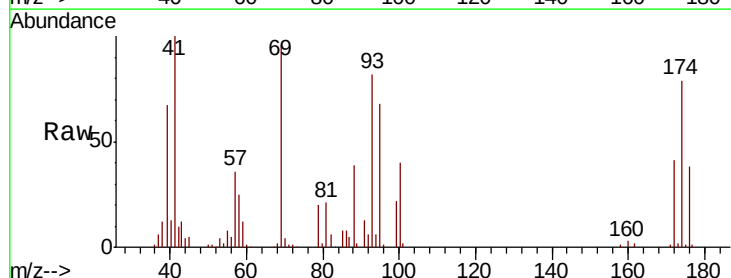
Instrument :
 MSVOA_N
 ClientSampled :
 S49-0563MS

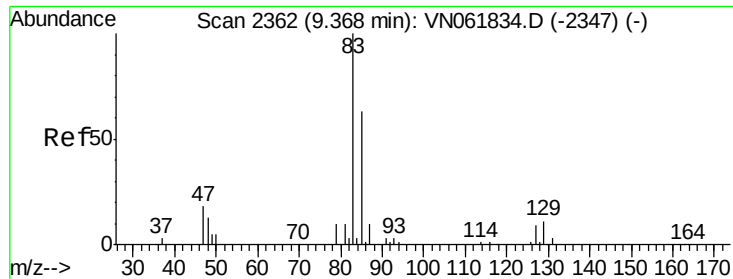
Tot Ion: 63 Resp: 111485
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.1 37.7



#46
 Dibromomethane
 Concen: 55.960 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

Tgt Ion: 93 Resp: 78362
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.8 98.6
 174 95.2 78.5 117.7

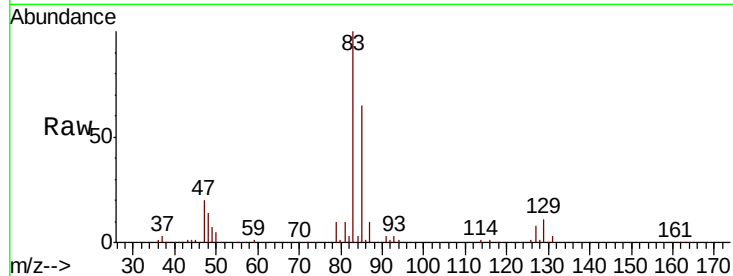




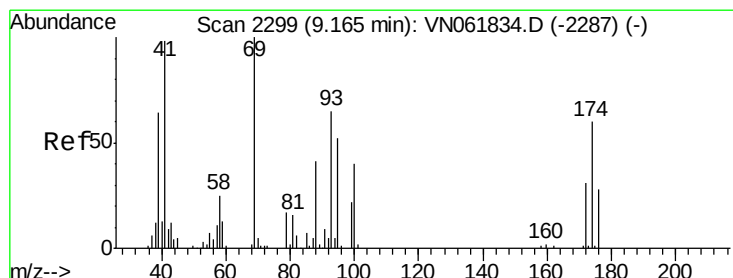
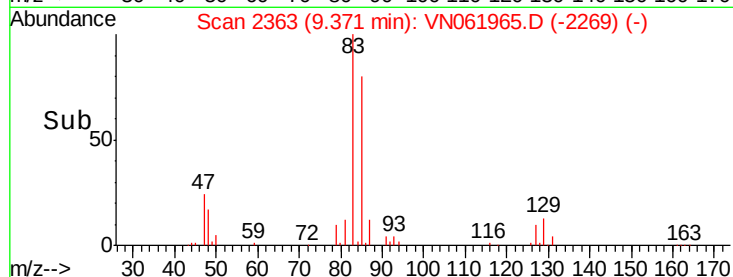
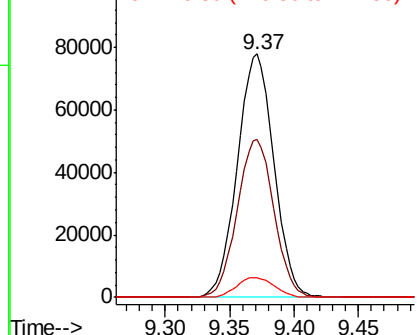
#47
Bromodichloromethane
Concen: 53.646 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Instrument :
MSVOA_N
ClientSampled :
S49-0563MS

Tot Ion: 83 Resp: 153823
Ion Ratio Lower Upper
83 100
85 64.9 50.8 76.2
127 8.1 7.0 10.4

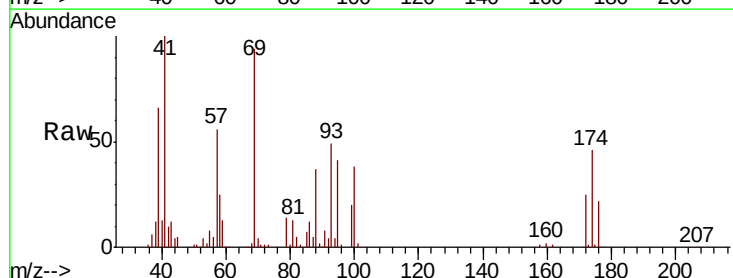


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

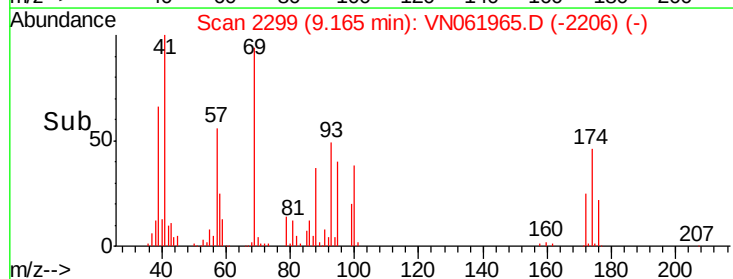
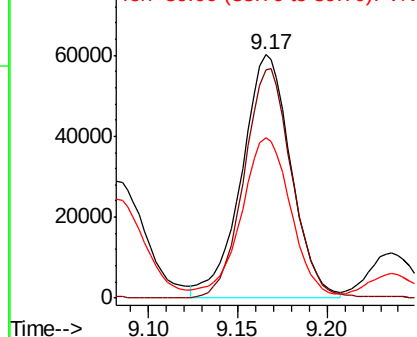


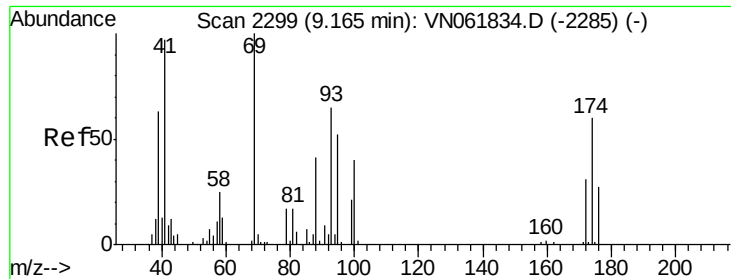
#48
Methyl methacrylate
Concen: 72.732 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Tgt Ion: 41 Resp: 116273
Ion Ratio Lower Upper
41 100
69 91.4 83.0 124.4
39 66.6 55.1 82.7



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1228.586 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_N

ClientSampled :

S49-0563MS

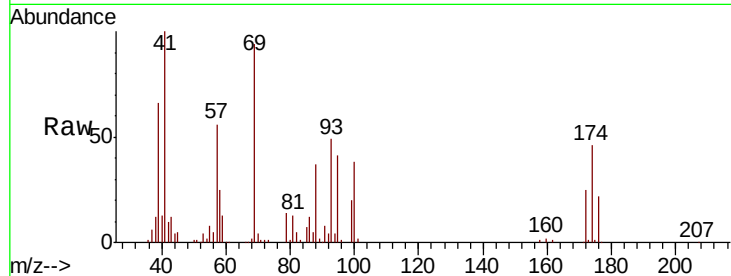
Tot Ion: 88 Resp: 45093

Ion Ratio Lower Upper

88 100

43 38.3 23.4 35.2#

58 78.7 49.8 74.6#

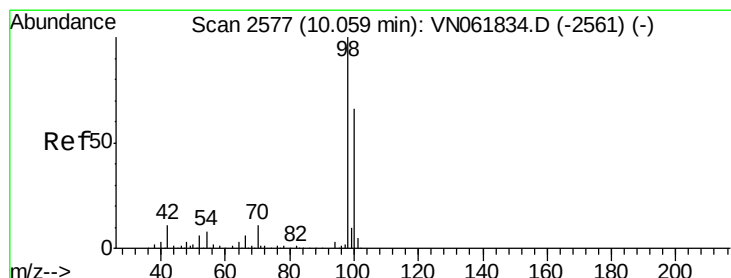
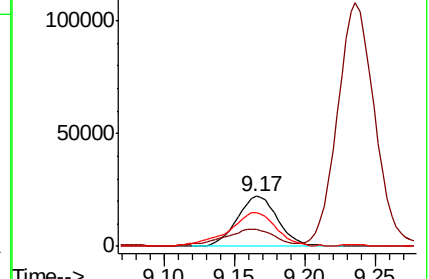
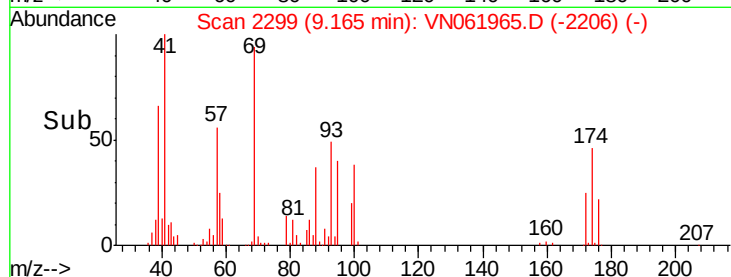


Abundance Ion 88.00 (87.70 to 88.70): VN061834.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN061834.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2285) (-)

Time-->



#50

Toluene-d8

Concen: 51.130 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061965.D

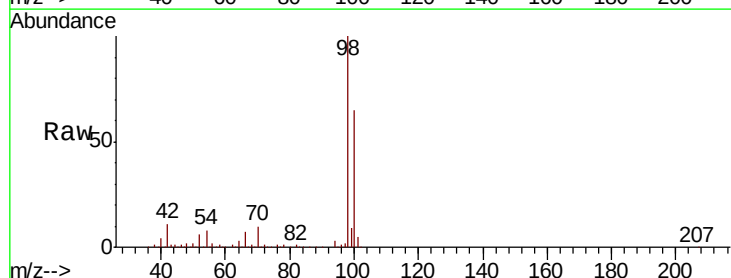
Acq: 19 Jun 2020 20:24

Tgt Ion: 98 Resp: 376612

Ion Ratio Lower Upper

98 100

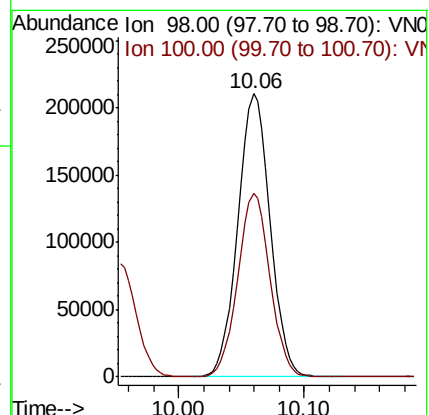
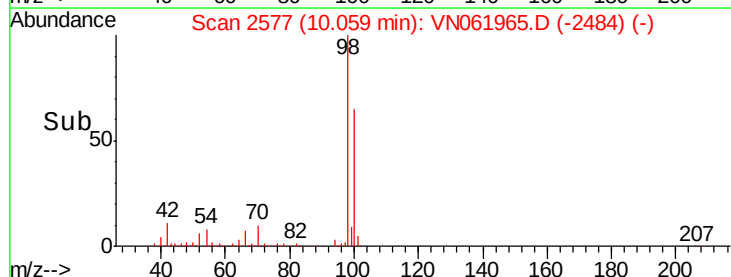
100 64.4 52.7 79.1

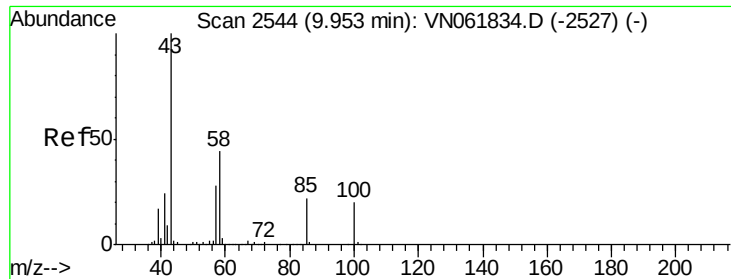


Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

Time-->

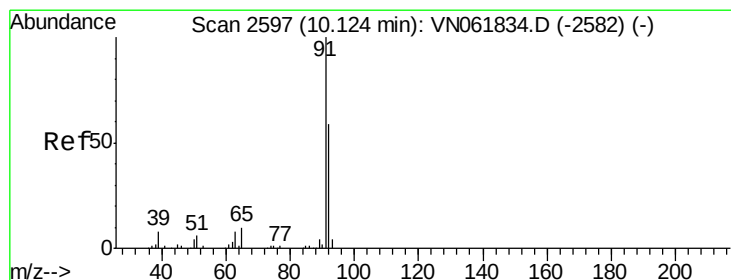
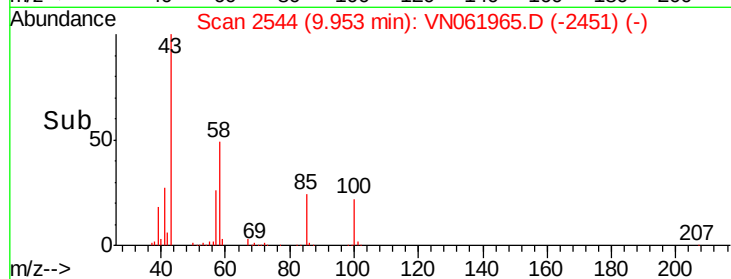
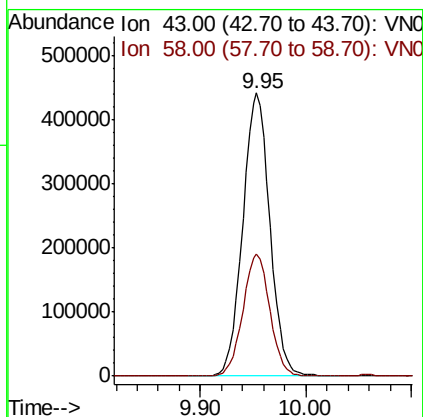
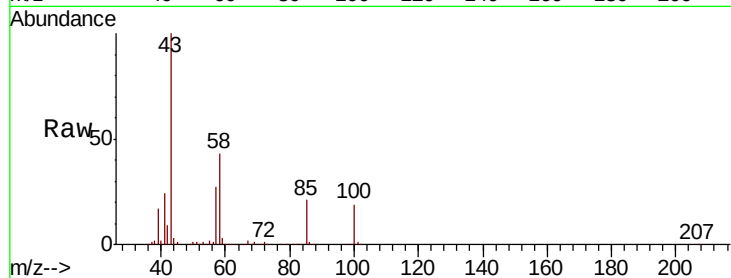




#51
 4-Methyl-2-Pentanone
 Concen: 377.608 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

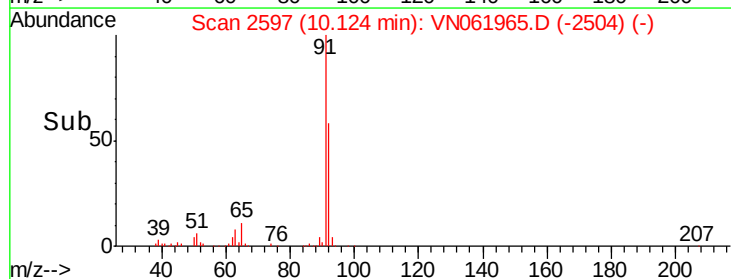
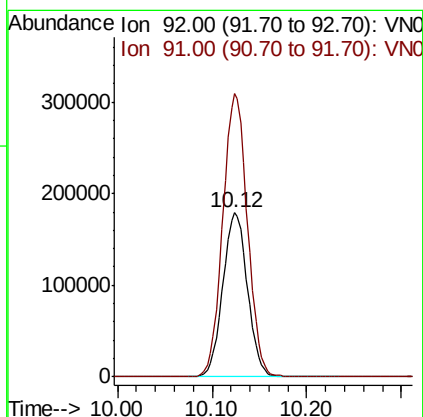
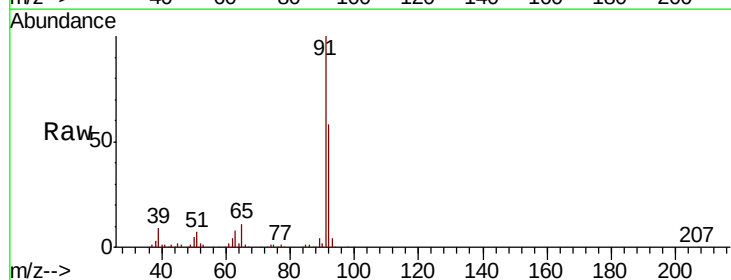
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MS

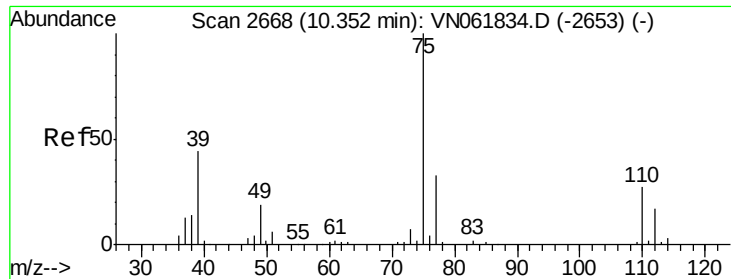
Tot Ion: 43 Resp: 784421
 Ion Ratio Lower Upper
 43 100
 58 43.1 34.6 52.0



#52
 Toluene
 Concen: 63.748 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

Tgt Ion: 92 Resp: 323960
 Ion Ratio Lower Upper
 92 100
 91 173.2 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 57.068 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_N

ClientSampled :

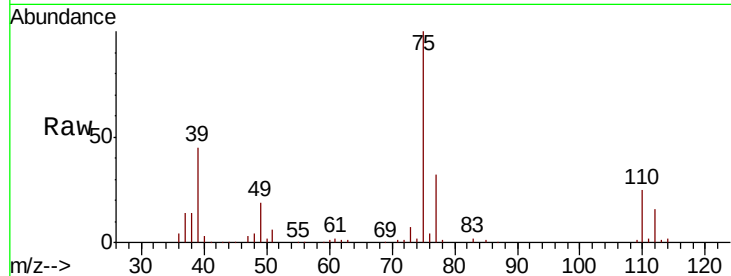
S49-0563MS

Tot Ion: 75 Resp: 173713

Ion Ratio Lower Upper

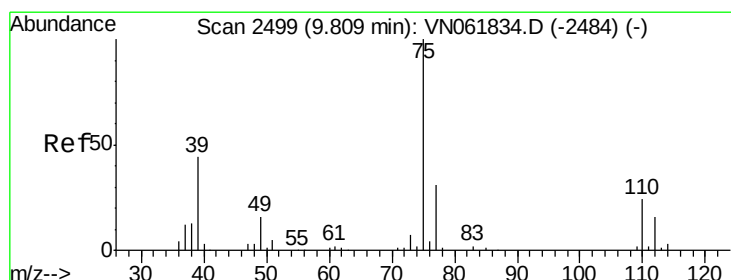
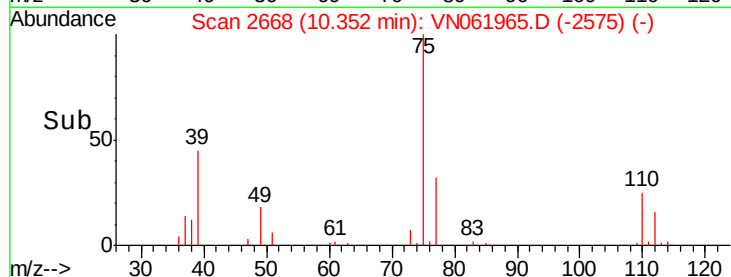
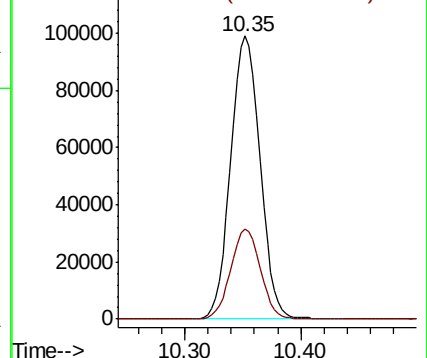
75 100

77 31.8 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 55.910 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

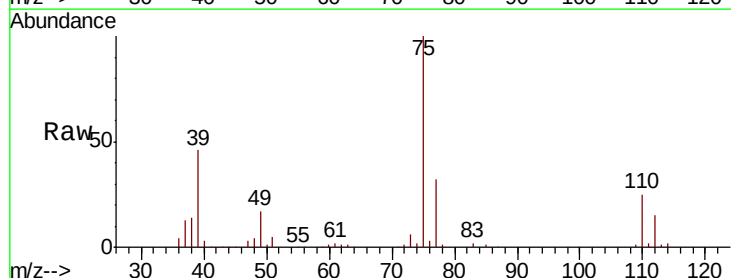
Tgt Ion: 75 Resp: 184848

Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

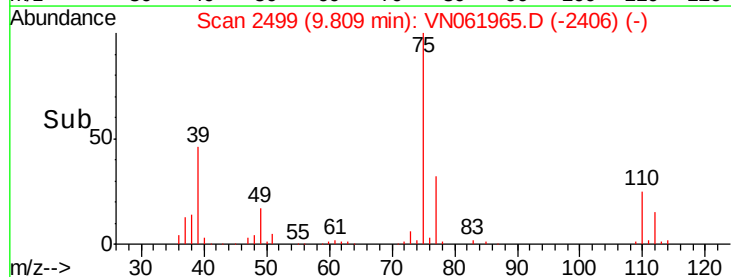
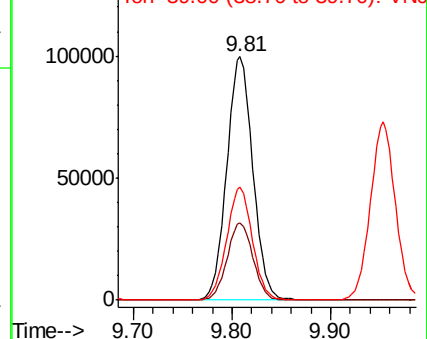
39 46.2 35.4 53.0

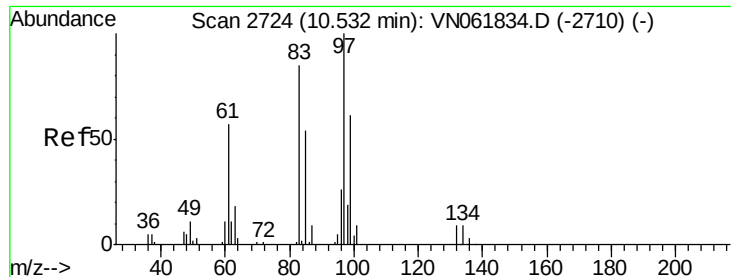


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 57.381 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MS

Tot Ion: 97 Resp: 114730

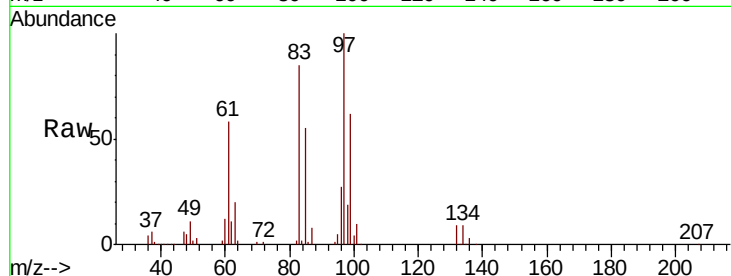
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.7	101.5
85	55.0	43.4	65.0
99	61.6	48.8	73.2

97 100

83 84.7 67.7 101.5

85 55.0 43.4 65.0

99 61.6 48.8 73.2



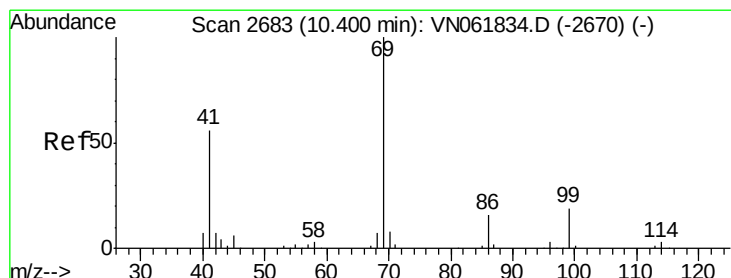
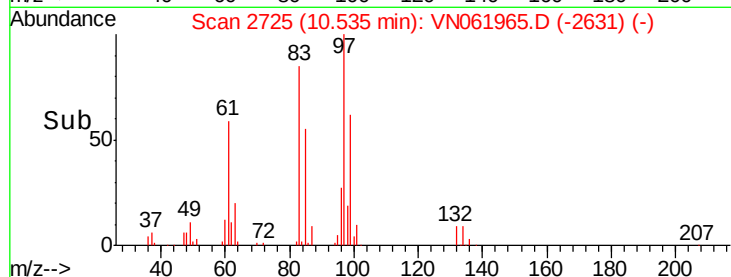
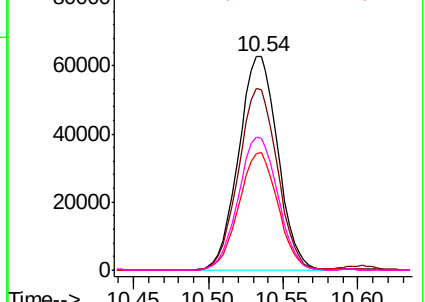
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 57.535 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

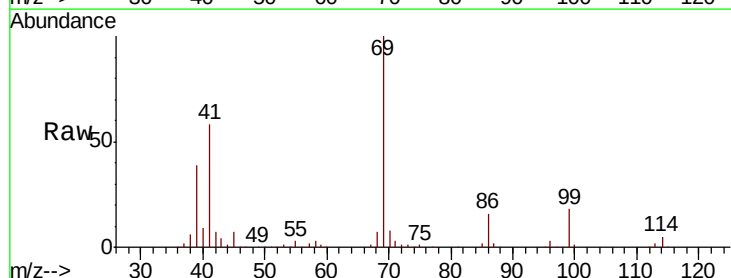
Tgt Ion: 69 Resp: 177138

Ion	Ratio	Lower	Upper
69	100		
41	58.1	44.9	67.3
39	38.9	30.0	45.0

69 100

41 58.1 44.9 67.3

39 38.9 30.0 45.0

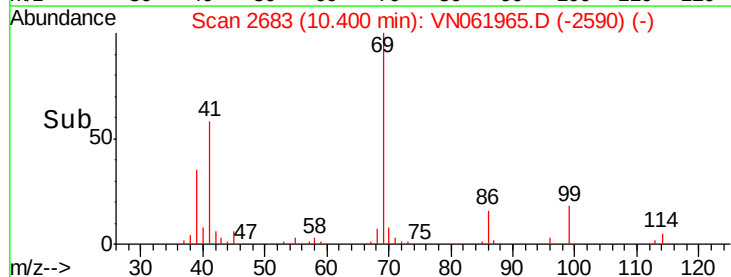
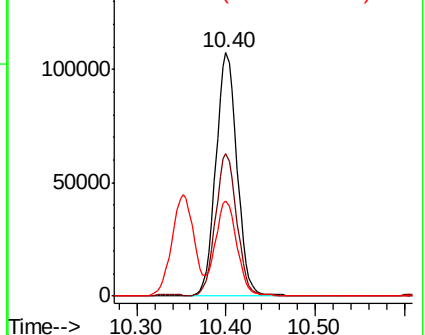


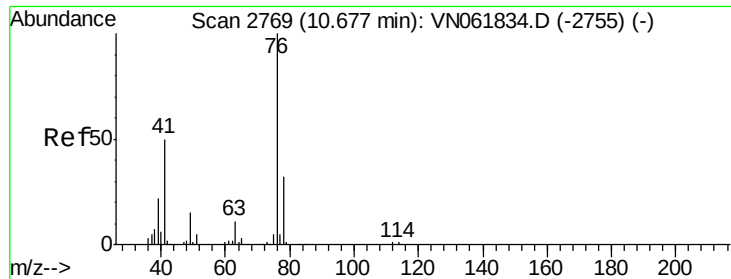
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

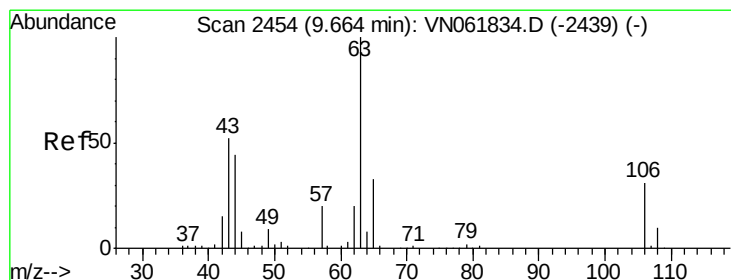
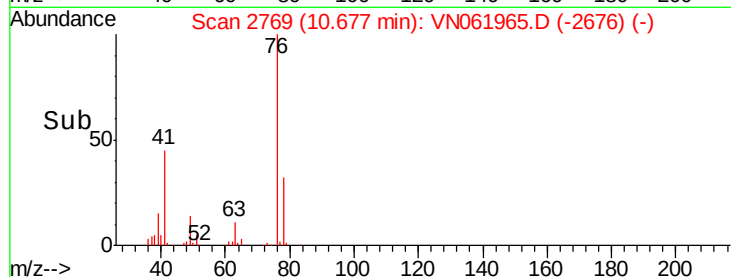
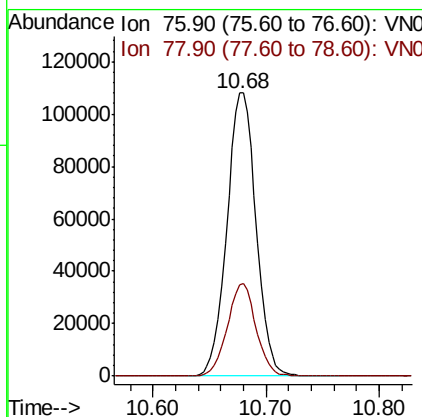
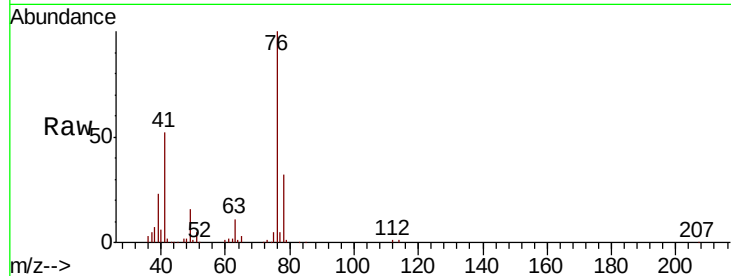




#57
 1,3-Dichloropropane
 Concen: 57.091 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

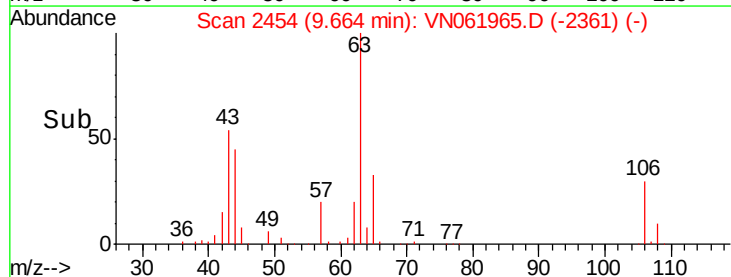
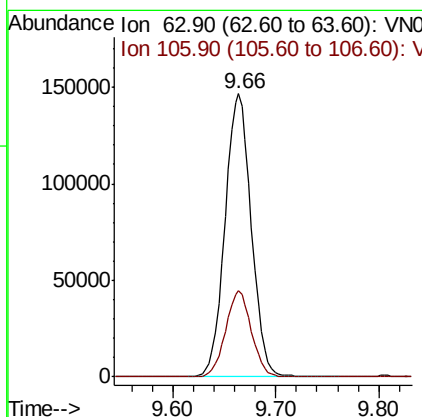
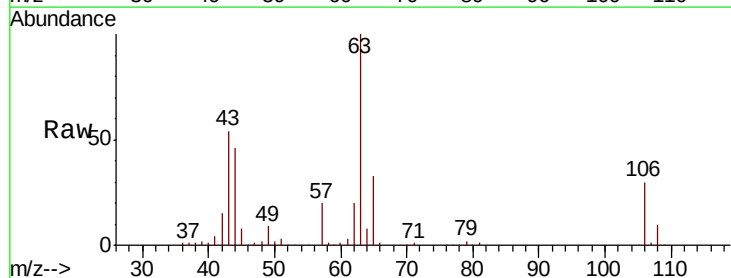
Instrument :
 MSVOA_N
 ClientSampled :
 S49-0563MS

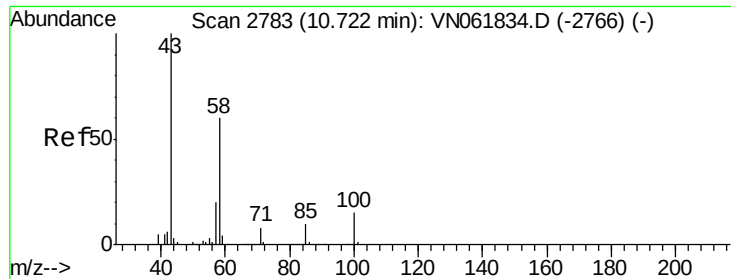
Tot Ion: 76 Resp: 193388
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.860 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

Tgt Ion: 63 Resp: 259442
 Ion Ratio Lower Upper
 63 100
 106 29.8 24.6 36.8

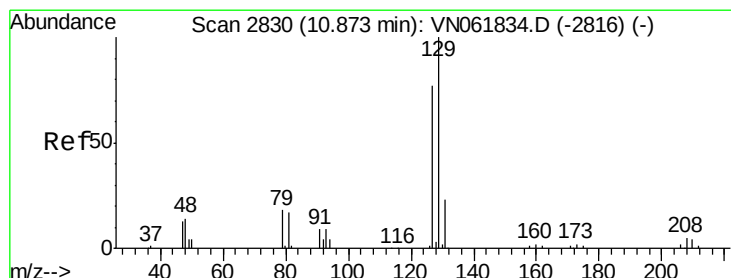
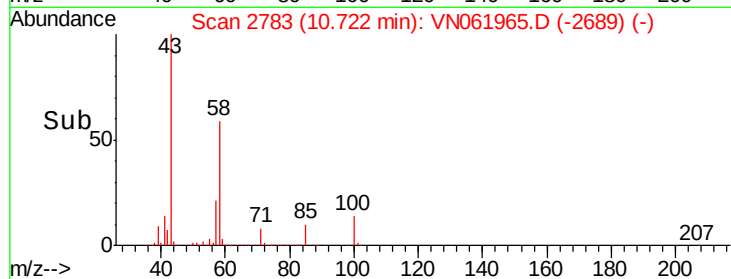
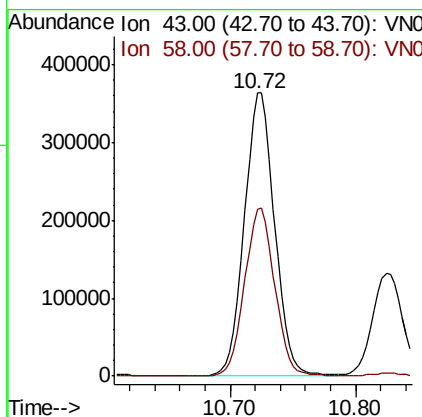
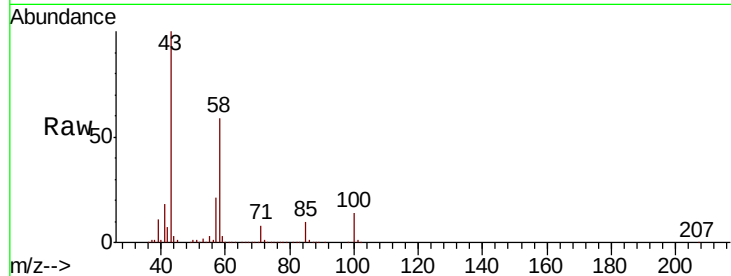




#59
2-Hexanone
Concen: 361.262 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

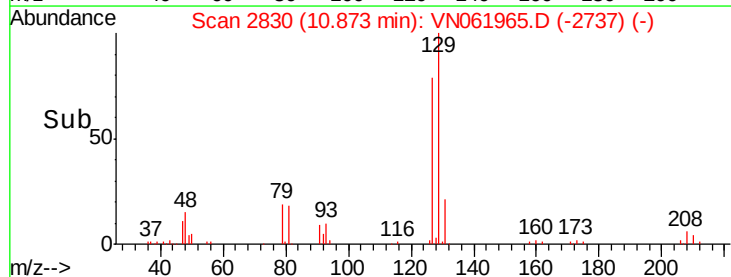
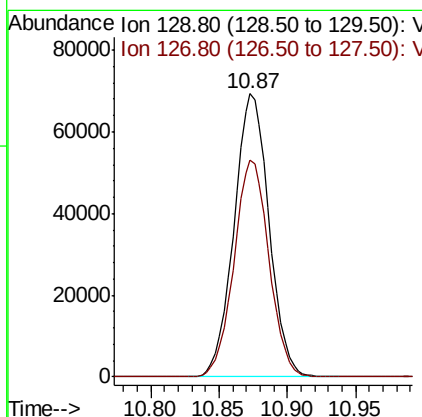
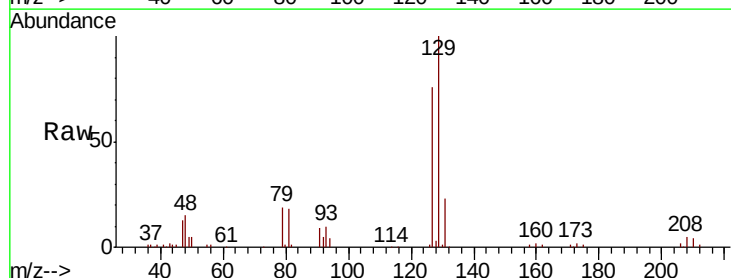
Instrument :
MSVOA_N
ClientSampleId :
S49-0563MS

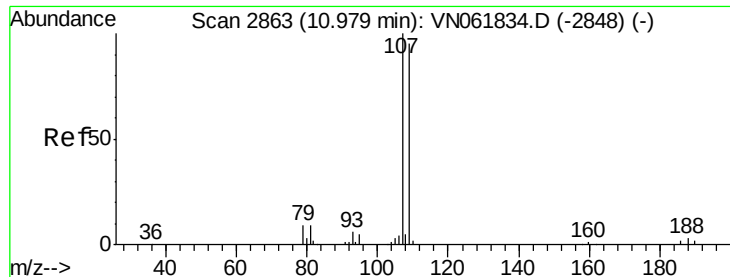
Tot Ion: 43 Resp: 610018
Ion Ratio Lower Upper
43 100
58 59.3 30.1 90.5



#60
Dibromochloromethane
Concen: 55.215 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Tgt Ion: 129 Resp: 123190
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5

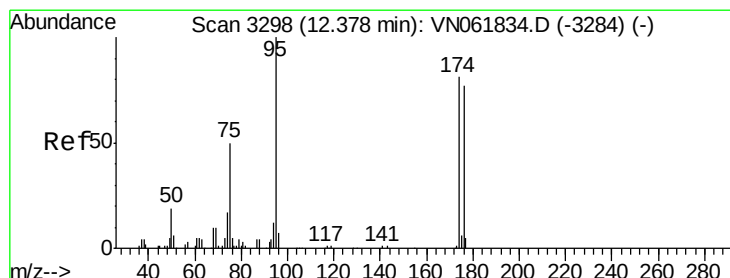
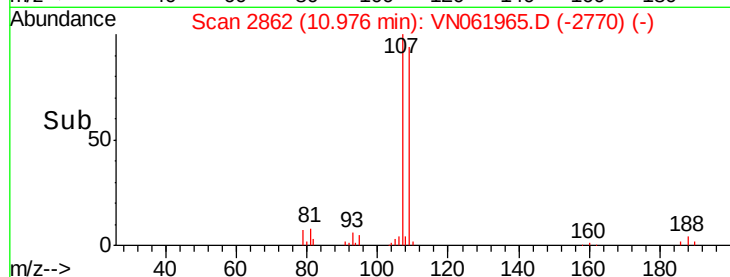
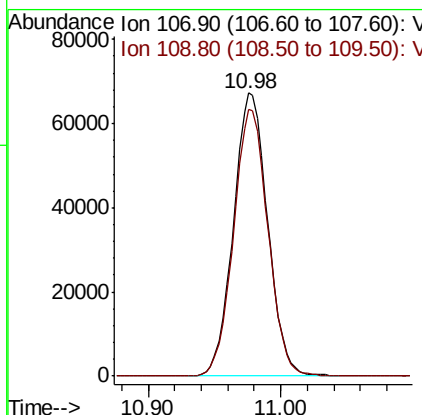
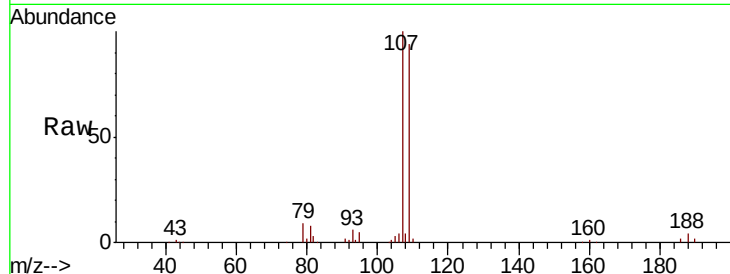




#61
 1,2-Dibromoethane
 Concen: 57.670 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

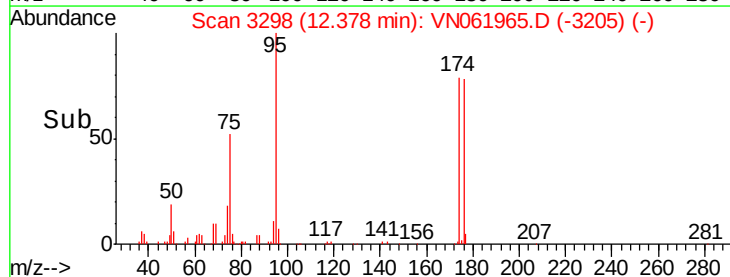
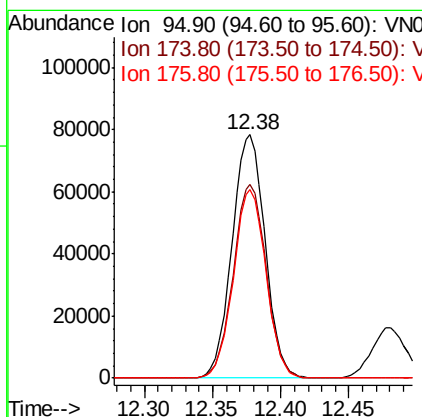
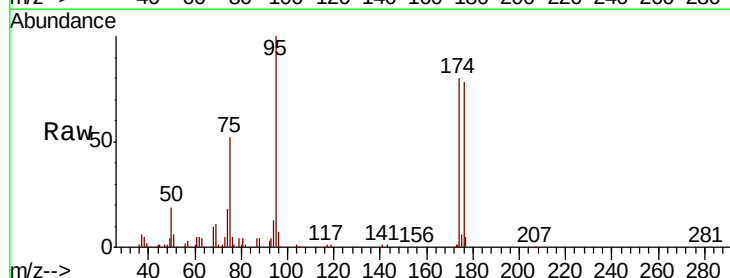
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MS

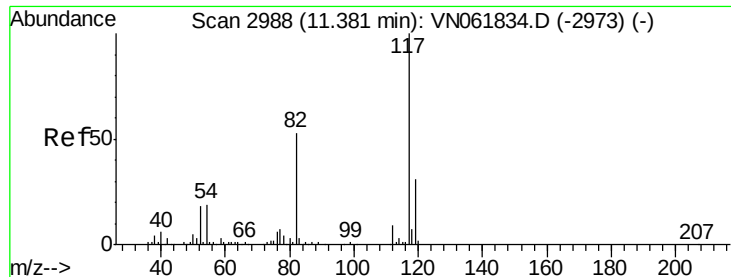
Tot Ion: 107 Resp: 120405
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 52.138 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

Tgt Ion: 95 Resp: 131730
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 158.6
 176 76.3 0.0 152.0

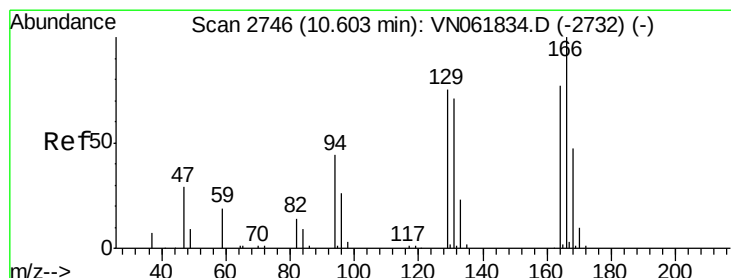
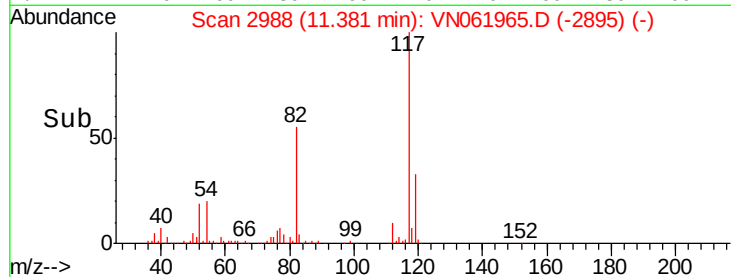
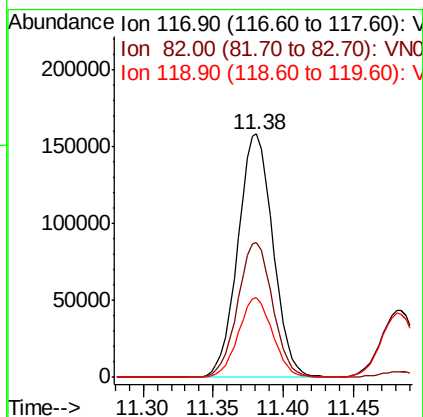
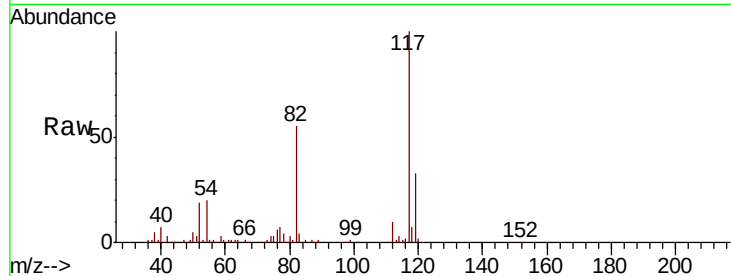




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

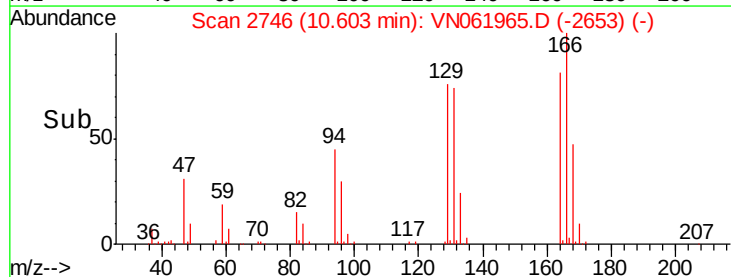
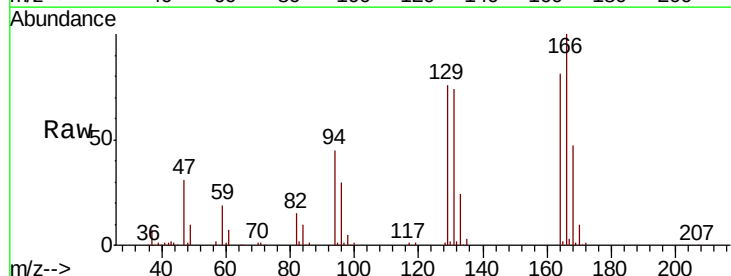
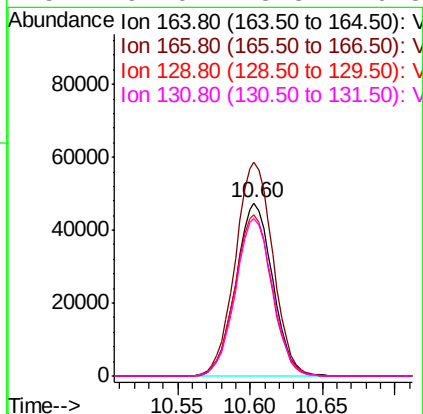
Instrument :
MSVOA_N
ClientSampleId :
S49-0563MS

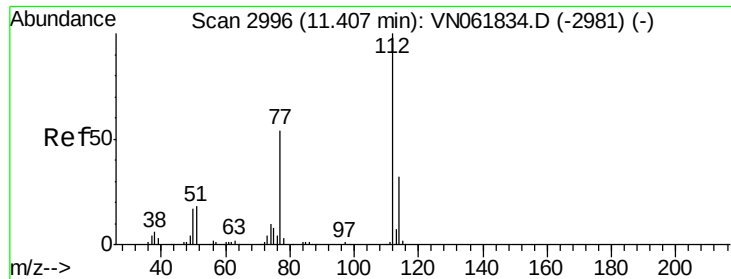
Tot Ion:117 Resp: 275661
Ion Ratio Lower Upper
117 100
82 55.4 42.6 64.0
119 32.6 24.7 37.1



#64
Tetrachloroethene
Concen: 47.527 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Tgt Ion:164 Resp: 83503
Ion Ratio Lower Upper
164 100
166 123.4 103.5 155.3
129 93.3 77.5 116.3
131 91.0 73.8 110.8

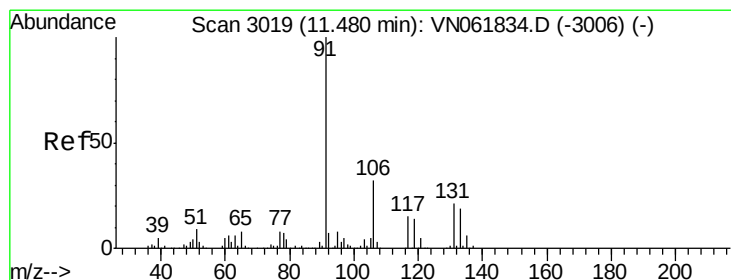
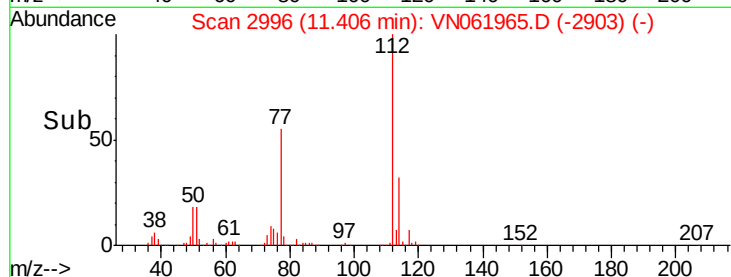
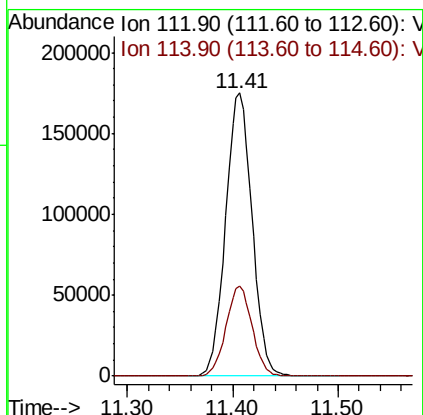
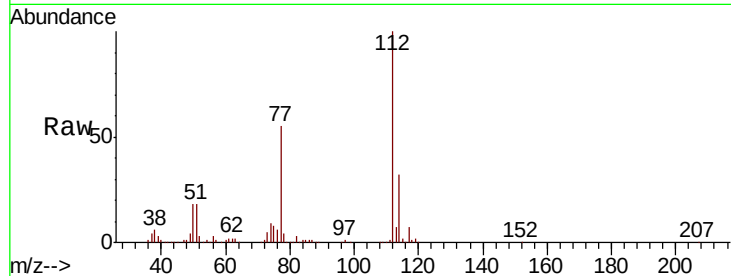




#65
Chlorobenzene
Concen: 52.118 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

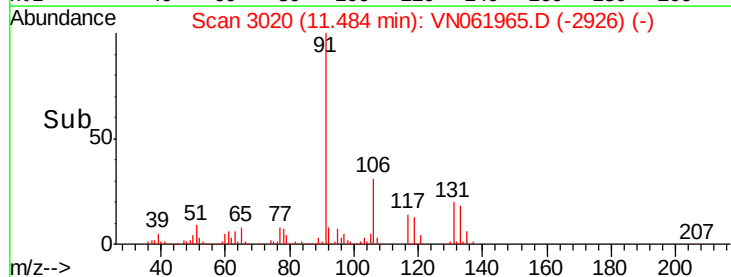
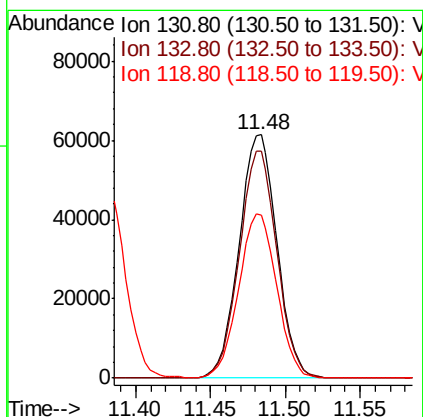
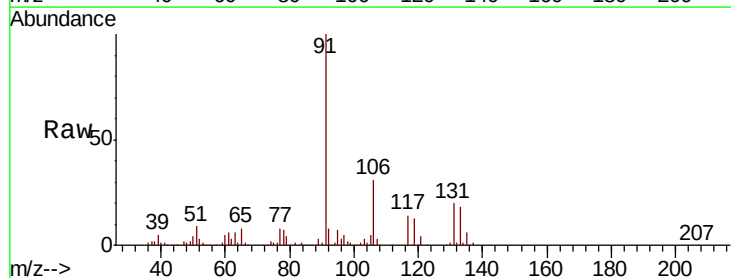
Instrument :
MSVOA_N
ClientSampled :
S49-0563MS

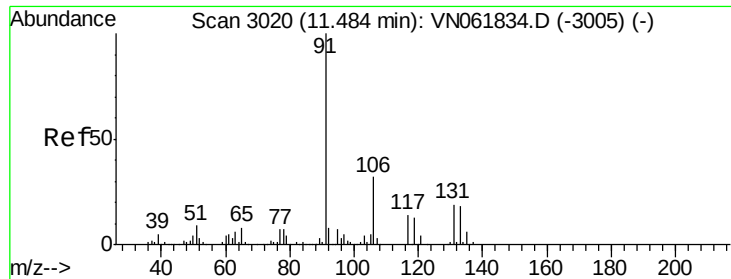
Tot Ion:112 Resp: 303151
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.350 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Tgt Ion:131 Resp: 108228
Ion Ratio Lower Upper
131 100
133 92.7 47.5 142.5
119 67.9 34.0 101.8

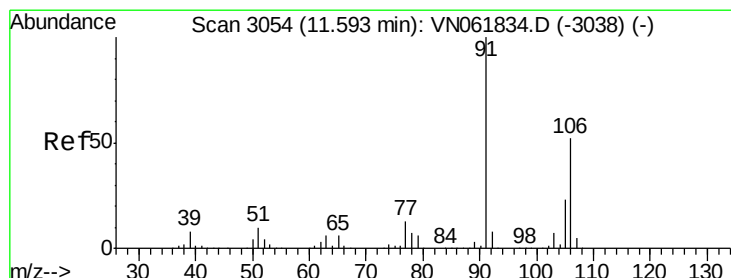
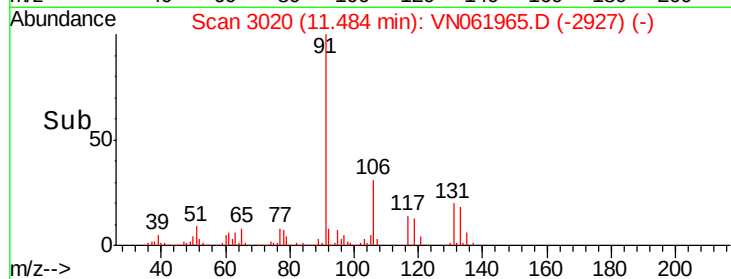
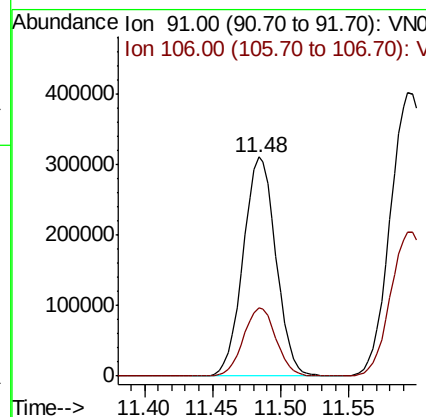
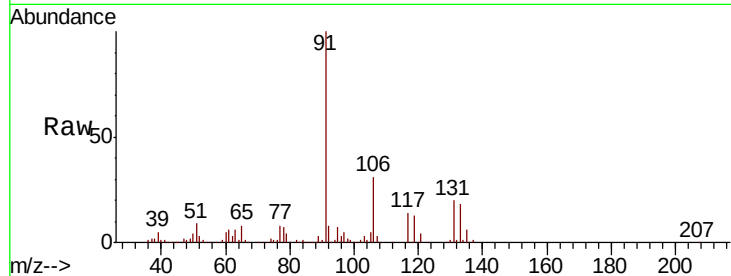




#67
Ethyl Benzene
Concen: 53.132 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

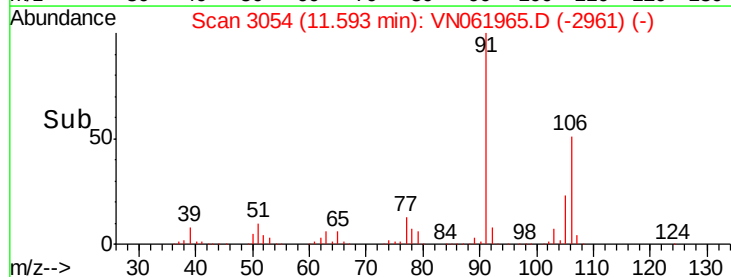
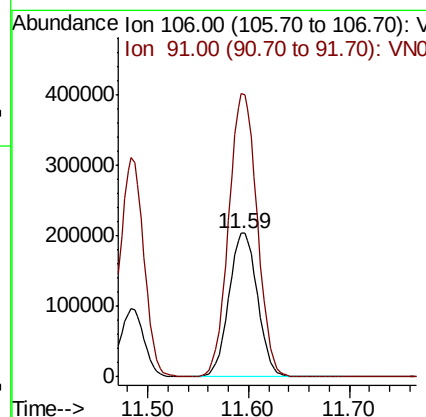
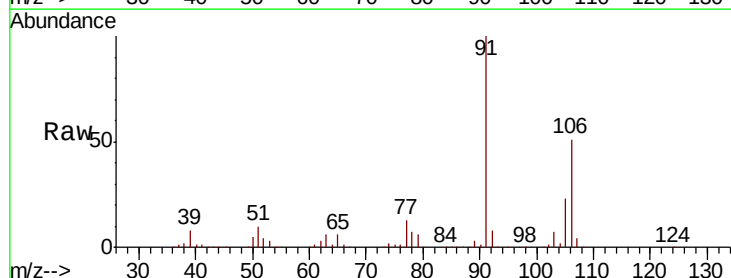
Instrument :
MSVOA_N
ClientSampled :
S49-0563MS

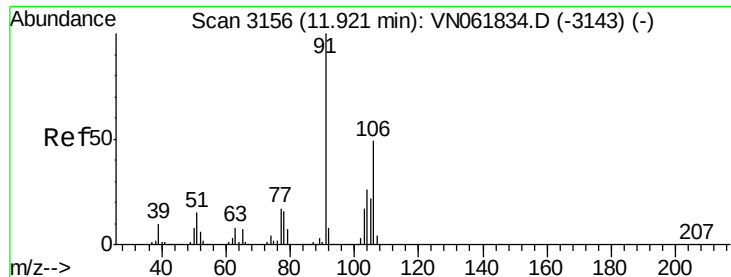
Tot Ion: 91 Resp: 518164
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2



#68
m/p-Xylenes
Concen: 107.135 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Tgt Ion: 106 Resp: 402888
Ion Ratio Lower Upper
106 100
91 196.3 157.0 235.6

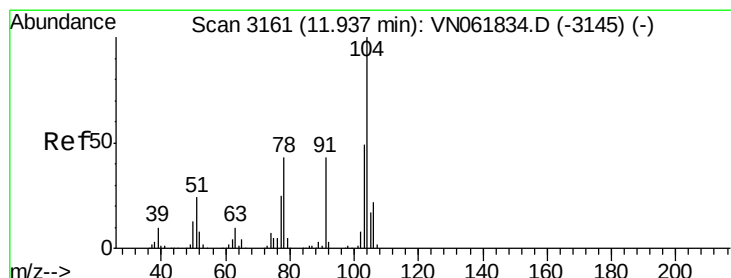
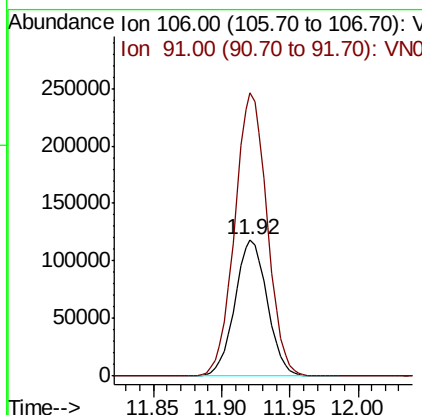
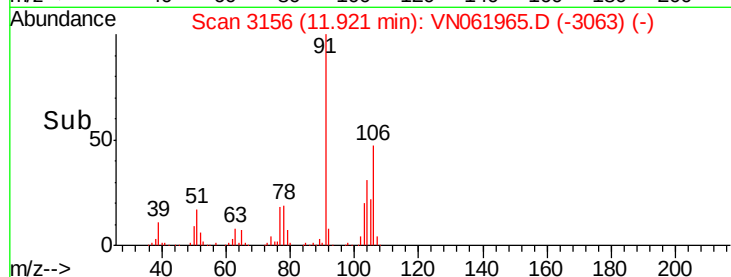
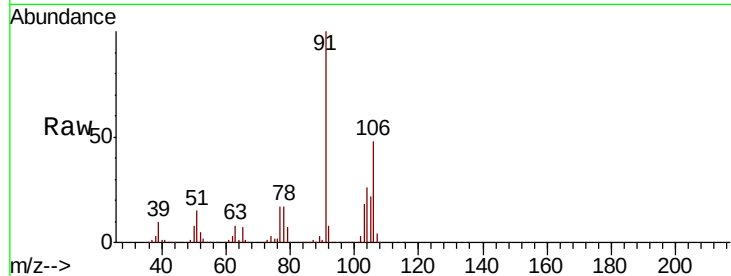




#69
o-Xylene
Concen: 54.317 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

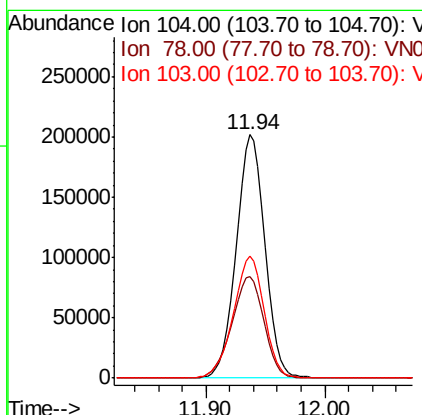
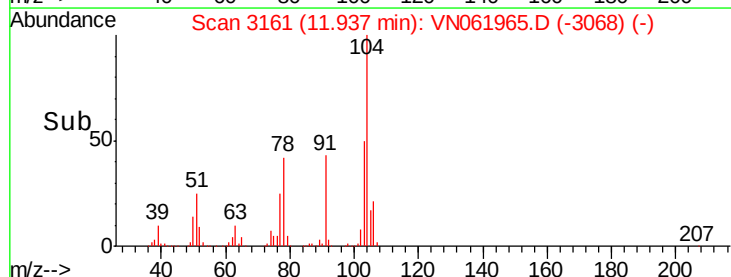
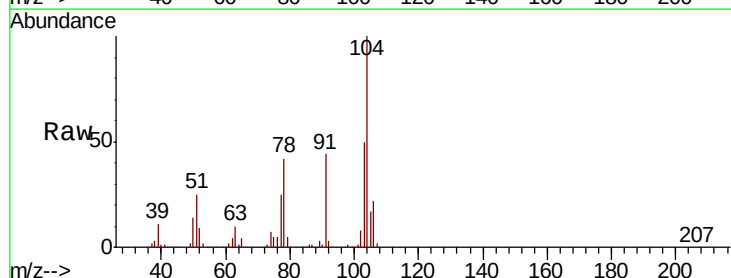
Instrument :
MSVOA_N
ClientSampled :
S49-0563MS

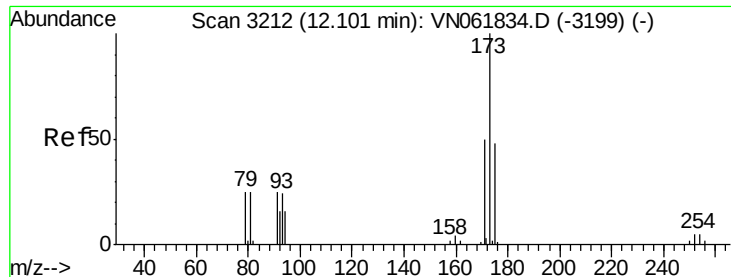
Tot Ion:106 Resp: 194895
Ion Ratio Lower Upper
106 100
91 207.7 103.0 308.9



#70
Styrene
Concen: 56.175 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Tgt Ion:104 Resp: 337496
Ion Ratio Lower Upper
104 100
78 46.6 37.6 56.4
103 53.8 43.0 64.4





#71

Bromoform

Concen: 58.014 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MS

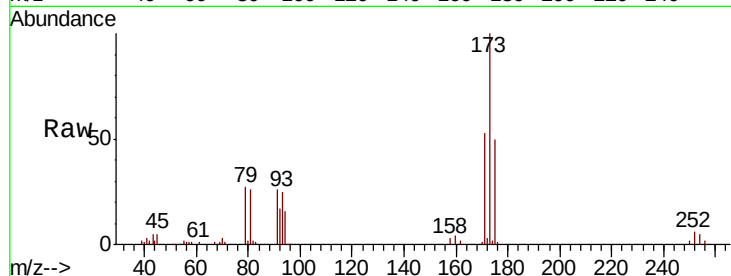
Tot Ion:173 Resp: 85814

Ion Ratio Lower Upper

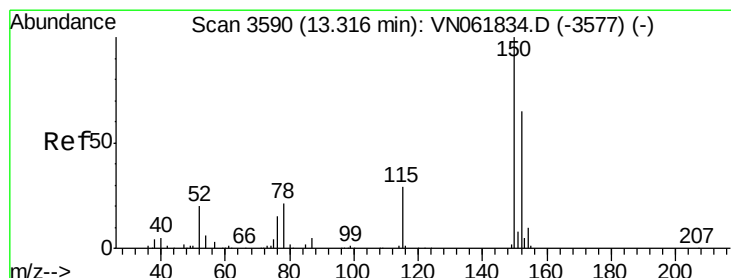
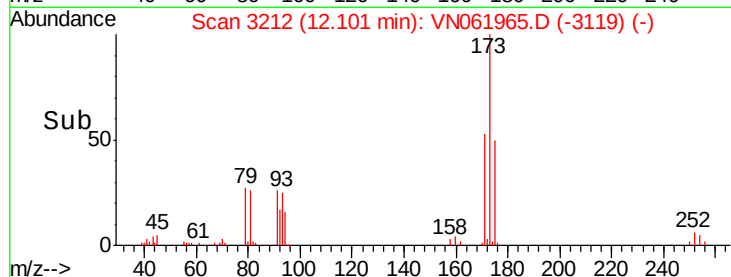
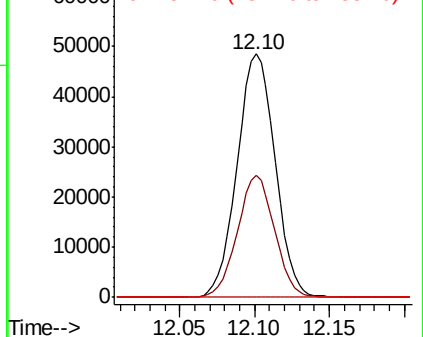
173 100

175 48.8 23.9 71.7

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# 3591

Delta R.T. 0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

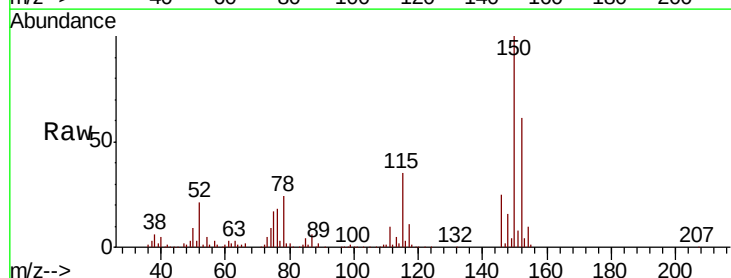
Tgt Ion:152 Resp: 130835

Ion Ratio Lower Upper

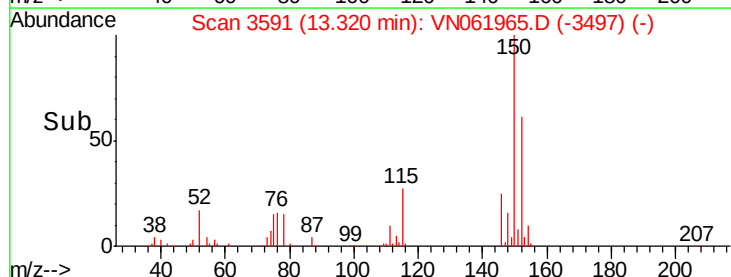
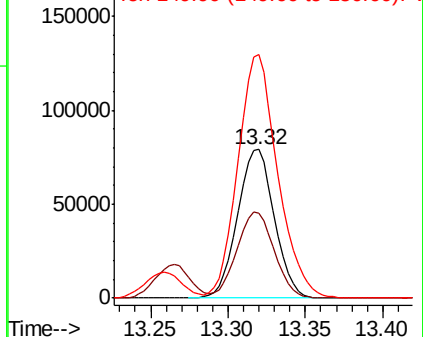
152 100

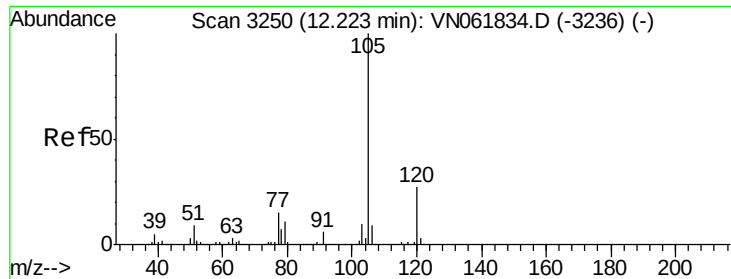
115 58.8 29.1 87.3

150 177.3 0.0 347.6



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: 51.992 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

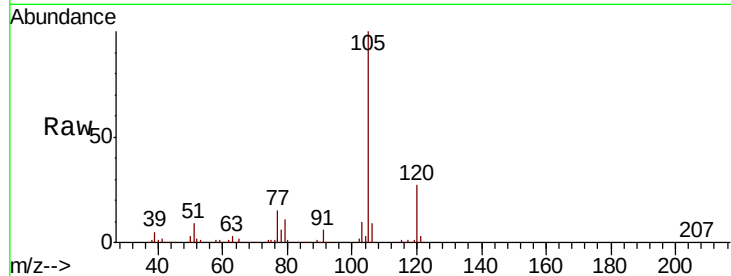
S49-0563MS

Tot Ion:105 Resp: 483381

Ion Ratio Lower Upper

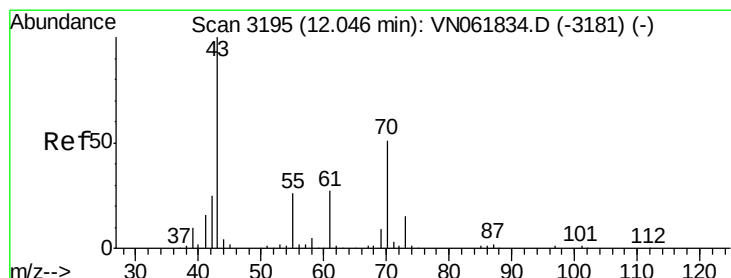
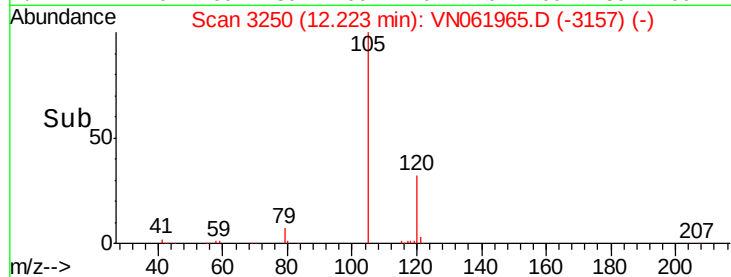
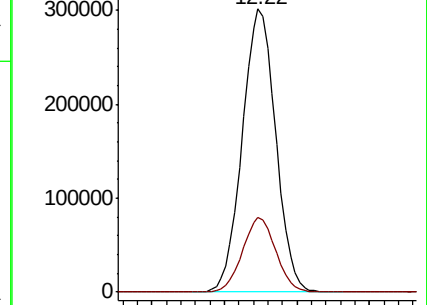
105 100

120 26.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 66.020 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Tgt Ion: 43 Resp: 225806

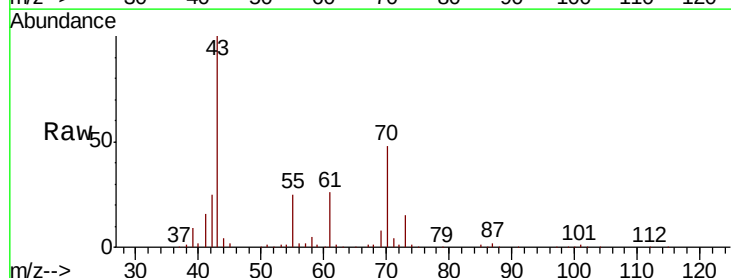
Ion Ratio Lower Upper

43 100

70 49.8 40.6 60.8

55 24.9 21.5 32.3

61 26.8 21.6 32.4

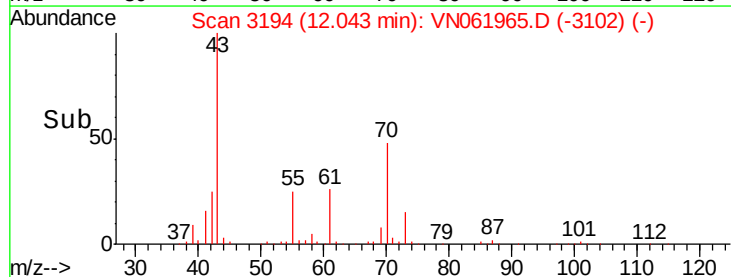
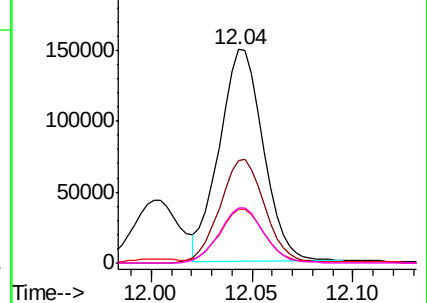


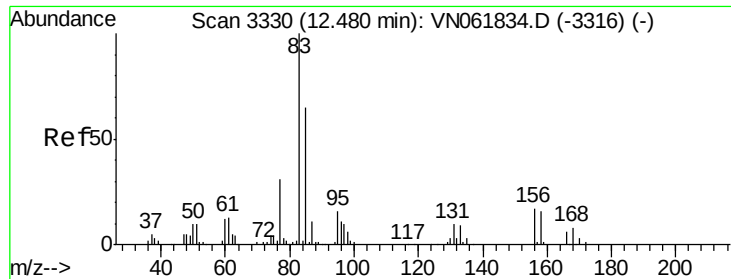
Abundance Ion 43.00 (42.70 to 43.70): VN0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 60.476 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MS

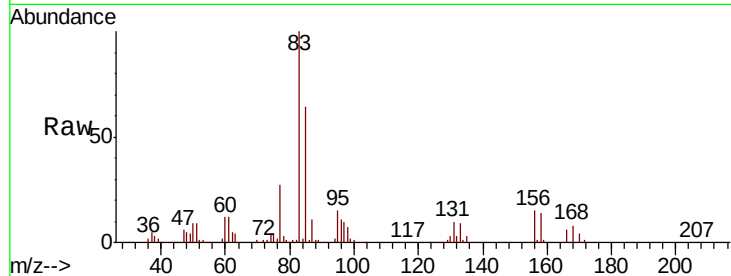
Tot Ion: 83 Resp: 182805

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

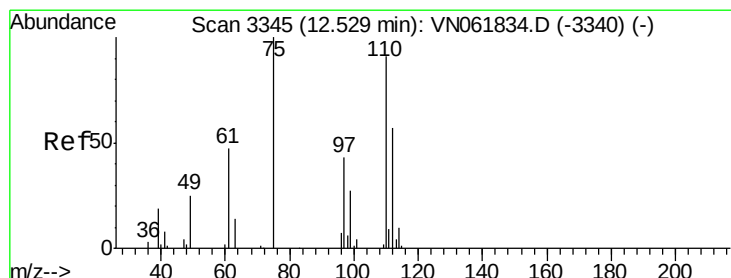
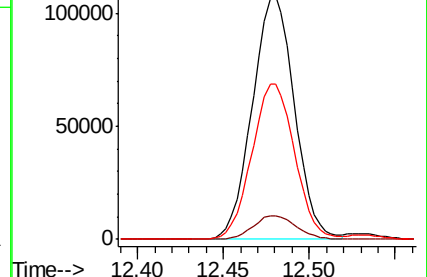
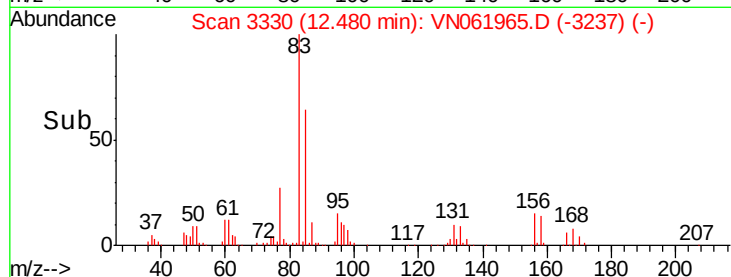
85 64.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN061965.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061965.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061965.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 89.472 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061965.D

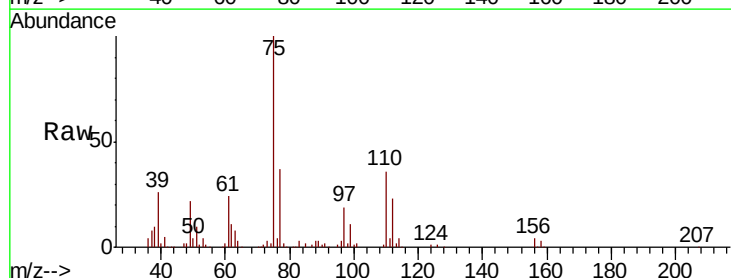
Acq: 19 Jun 2020 20:24

Tgt Ion: 75 Resp: 229820

Ion Ratio Lower Upper

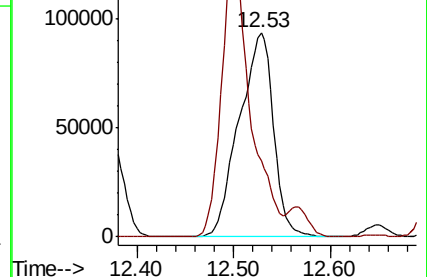
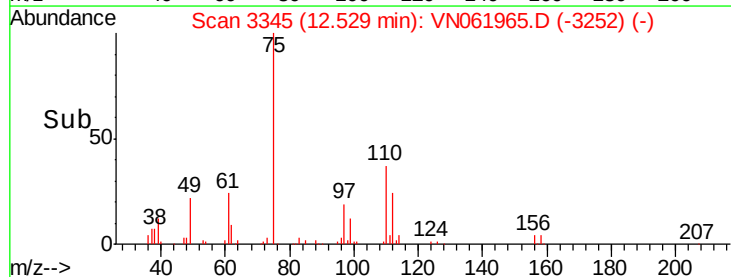
75 100

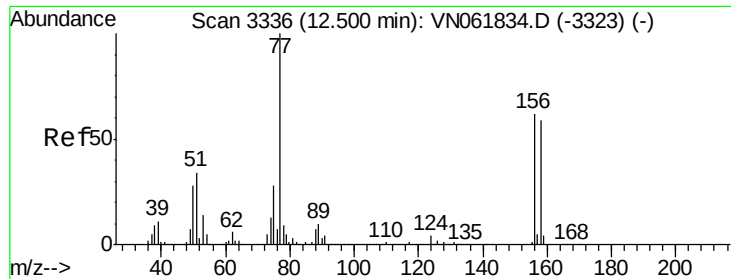
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061965.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061965.D (-3252) (-)





#77

Bromobenzene

Concen: 54.259 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_N

ClientSampled :

S49-0563MS

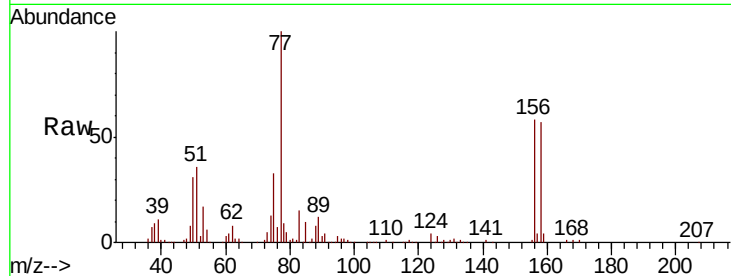
Tot Ion:156 Resp: 127268

Ion Ratio Lower Upper

156 100

77 210.9 100.7 302.1

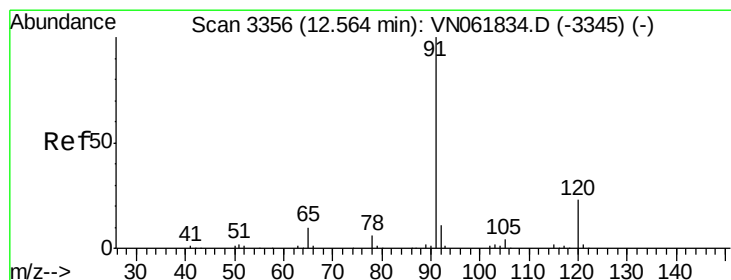
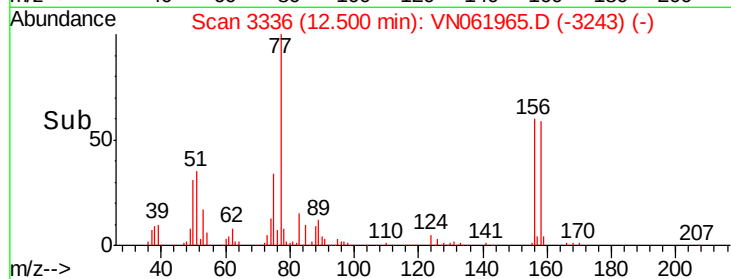
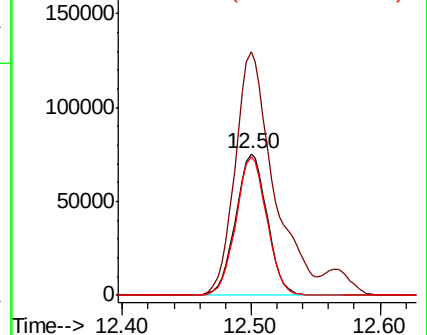
158 96.1 48.5 145.5



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: 52.319 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061965.D

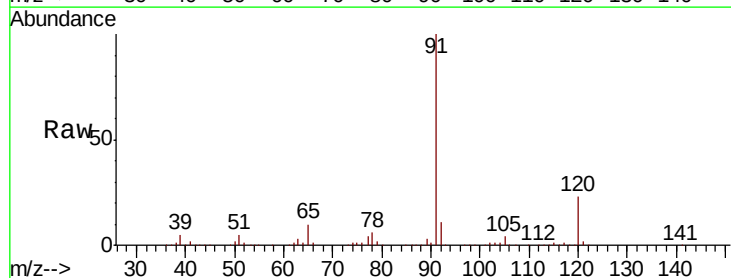
Acq: 19 Jun 2020 20:24

Tgt Ion: 91 Resp: 555029

Ion Ratio Lower Upper

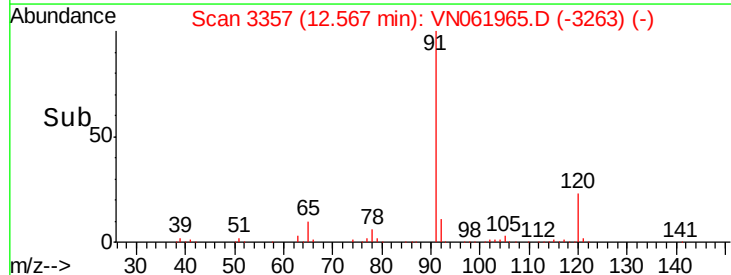
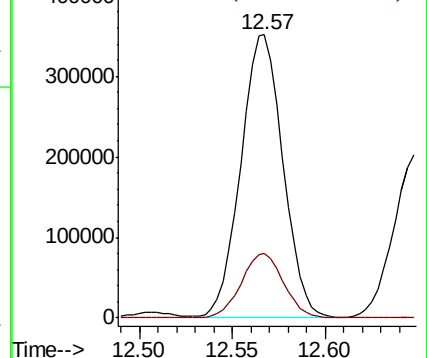
91 100

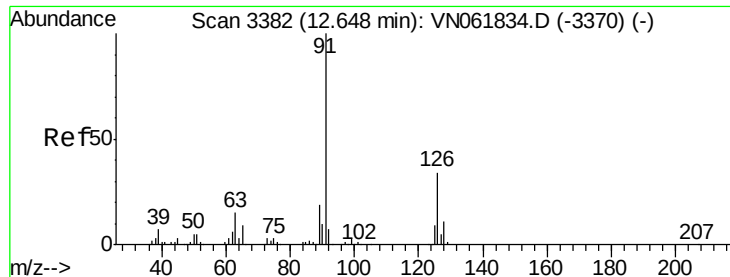
120 22.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

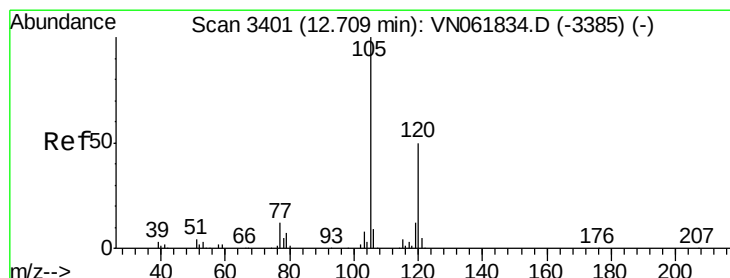
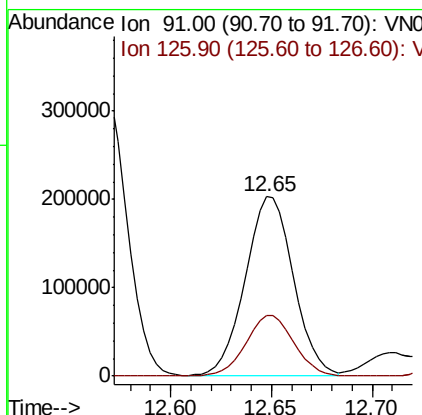
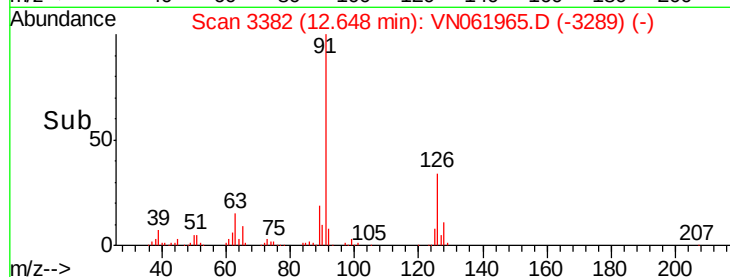
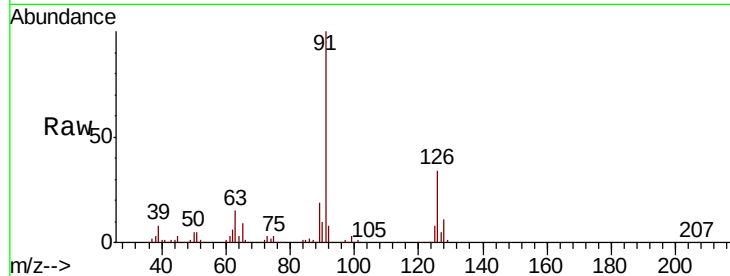




#79
 2-Chlorotoluene
 Concen: 53.457 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

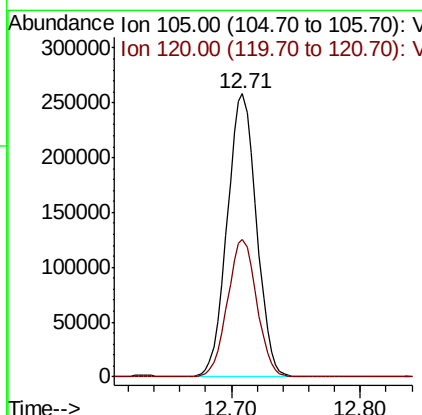
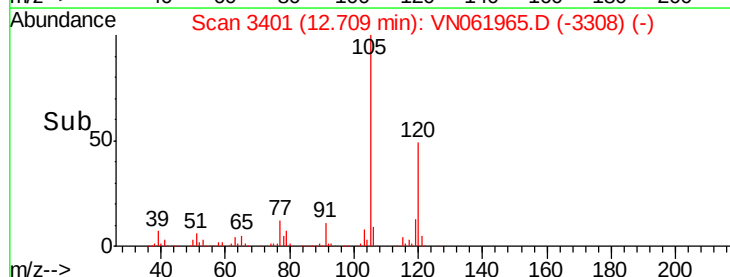
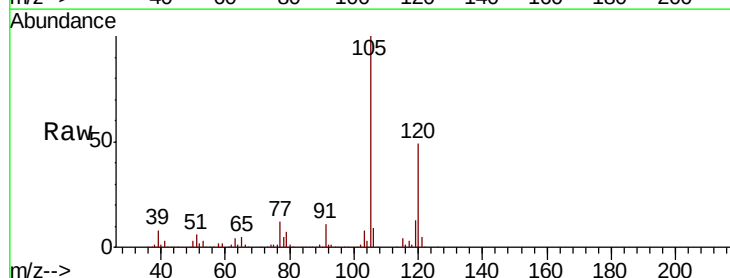
Instrument :
 MSVOA_N
 ClientSampled :
 S49-0563MS

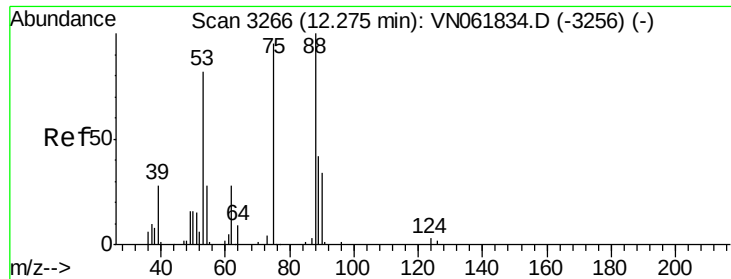
Tot Ion: 91 Resp: 340603
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.688 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

Tgt Ion: 105 Resp: 405267
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 64.156 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_N

ClientSampled :

S49-0563MS

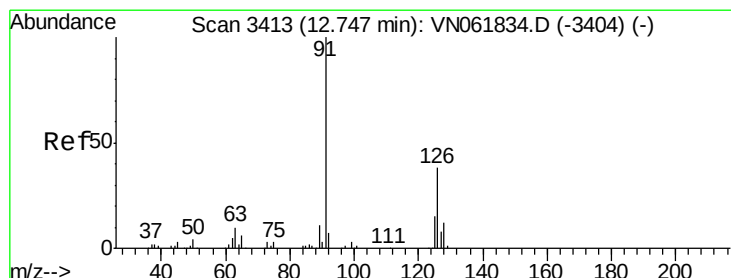
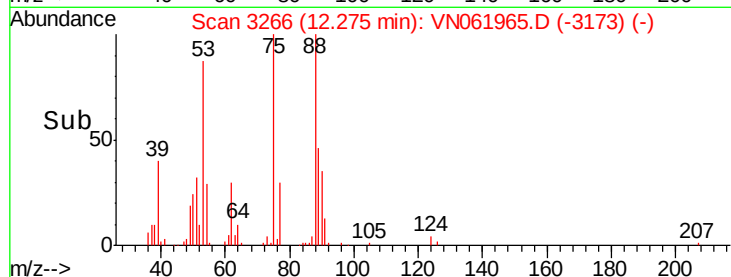
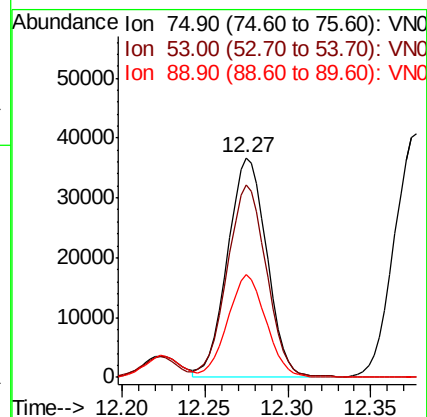
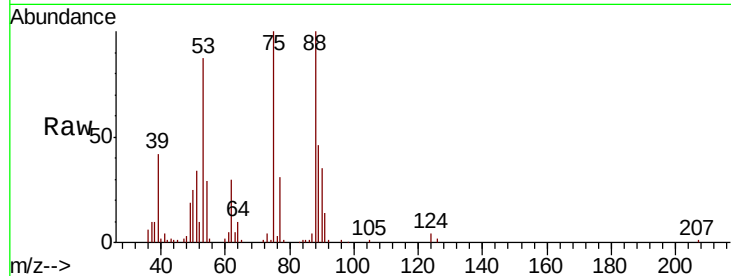
Tot Ion: 75 Resp: 60421

Ion Ratio Lower Upper

75 100

53 88.2 70.4 105.6

89 45.6 36.0 54.0



#82

4-Chlorotoluene

Concen: 53.820 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061965.D

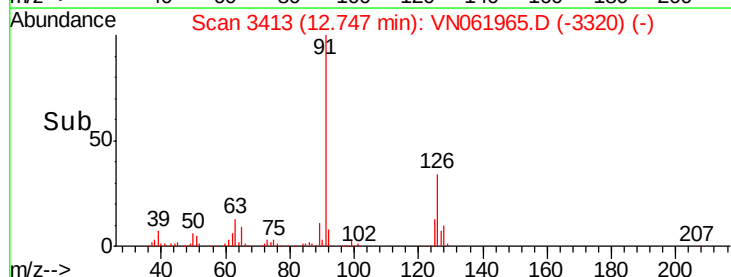
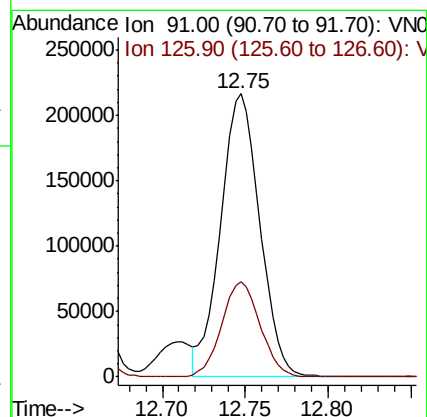
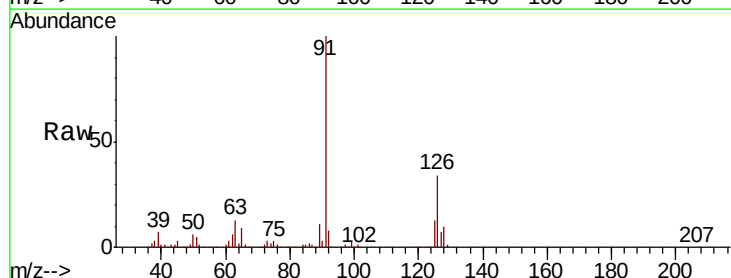
Acq: 19 Jun 2020 20:24

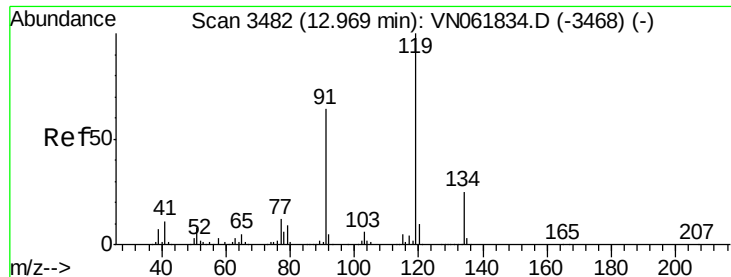
Tgt Ion: 91 Resp: 354334

Ion Ratio Lower Upper

91 100

126 33.3 17.2 51.6

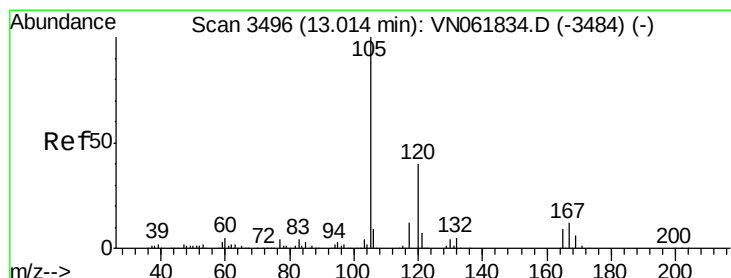
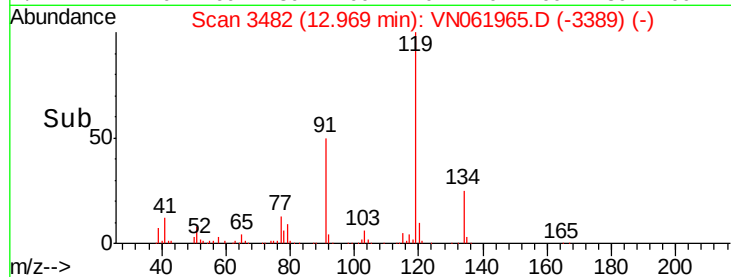
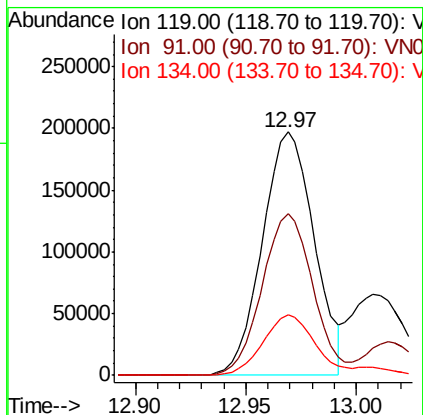
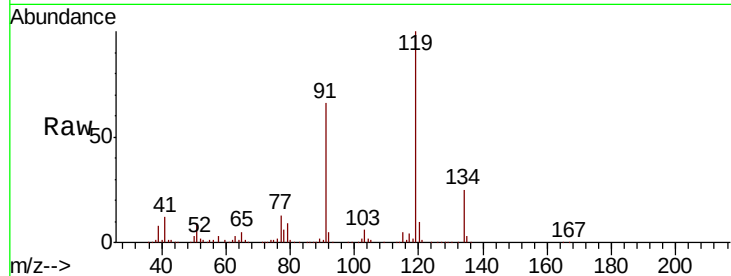




#83
tert-Butylbenzene
Concen: 49.315 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

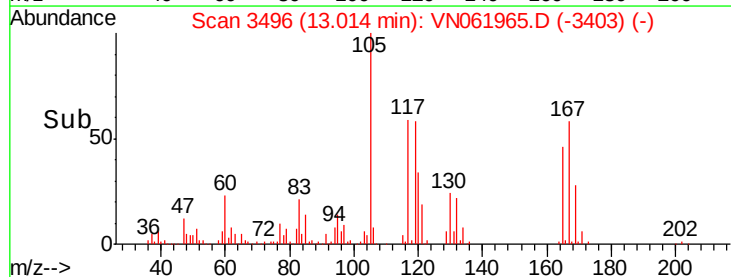
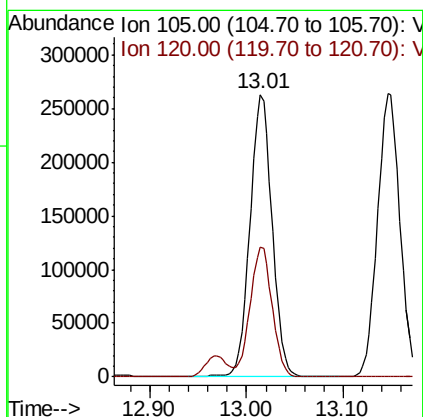
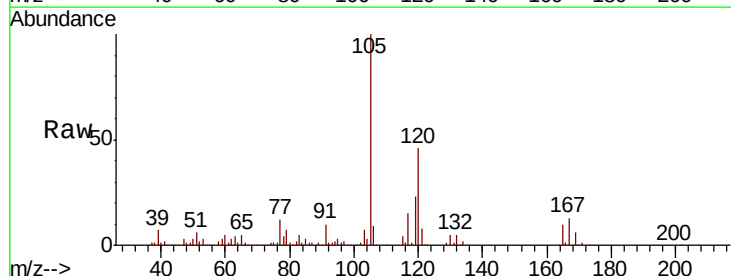
Instrument :
MSVOA_N
ClientSampled :
S49-0563MS

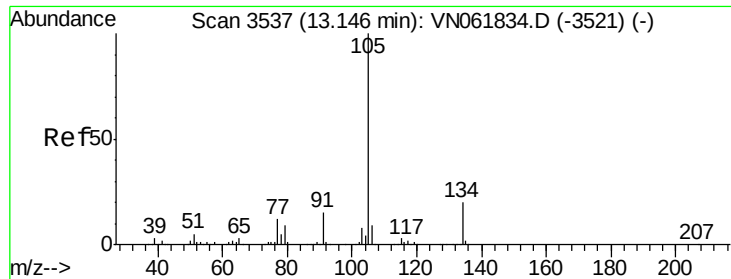
Tot Ion:119 Resp: 321579
Ion Ratio Lower Upper
119 100
91 65.3 31.5 94.5
134 25.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 55.059 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Tgt Ion:105 Resp: 418057
Ion Ratio Lower Upper
105 100
120 46.1 23.3 69.9

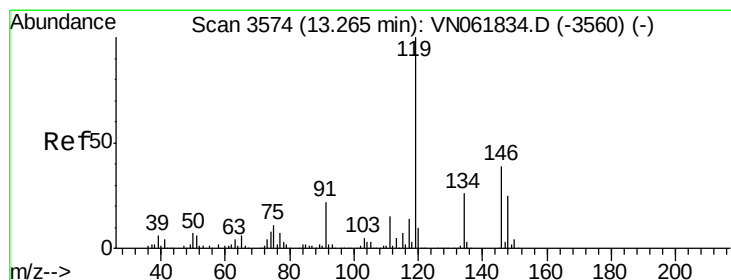
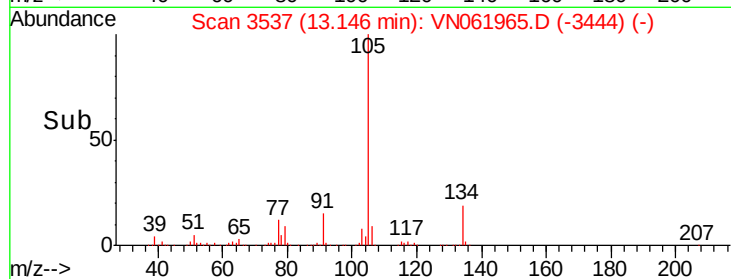
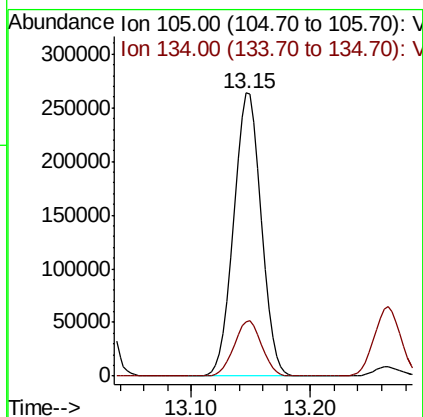
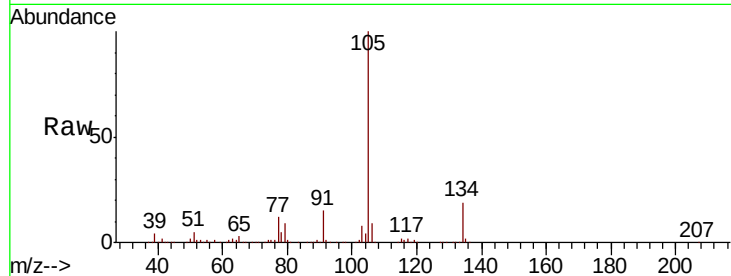




#85
 sec-Butylbenzene
 Concen: 49.587 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

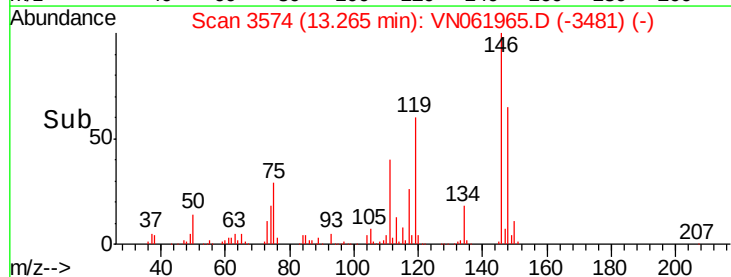
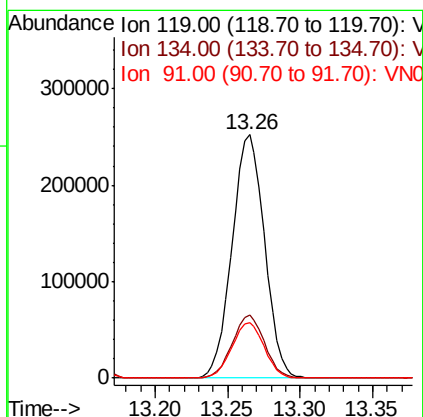
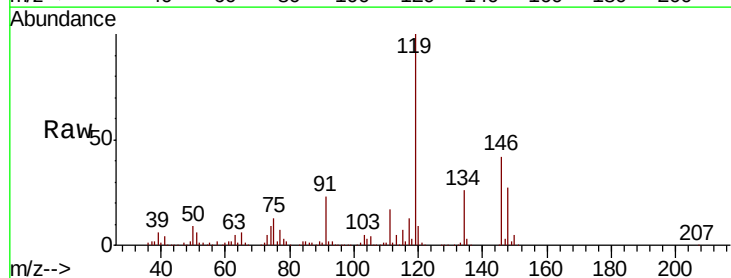
Instrument :
 MSVOA_N
 ClientSampled :
 S49-0563MS

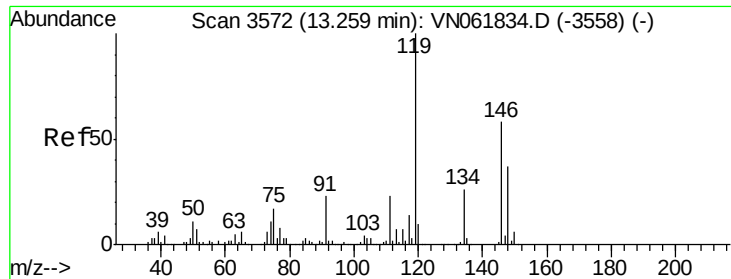
Tot Ion:105 Resp: 423237
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 51.323 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

Tgt Ion:119 Resp: 390341
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.9
 91 22.5 11.2 33.6

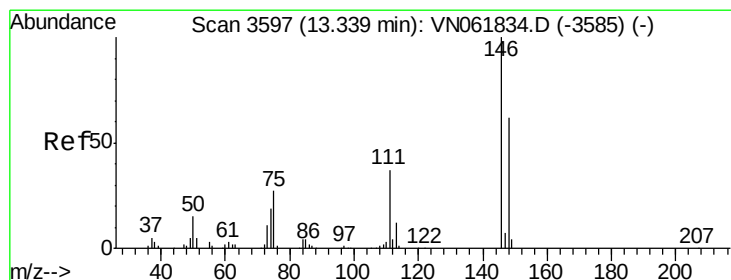
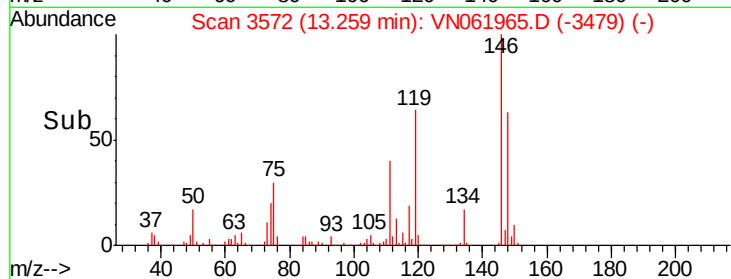
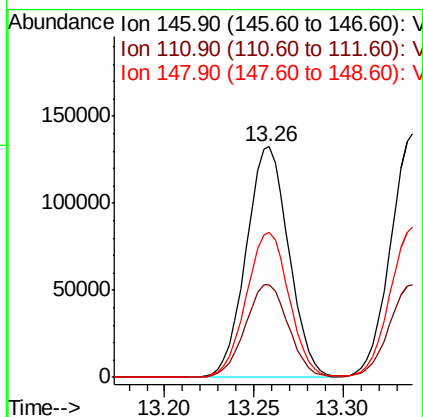
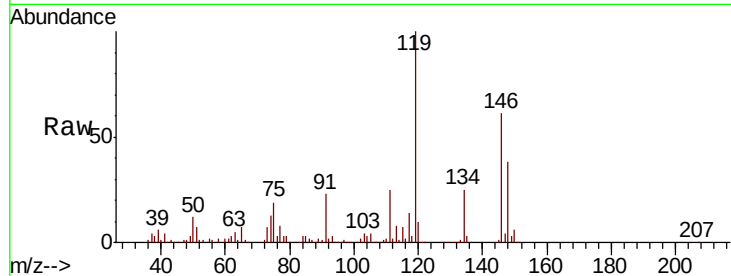




#87
 1,3-Dichlorobenzene
 Concen: 51.696 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

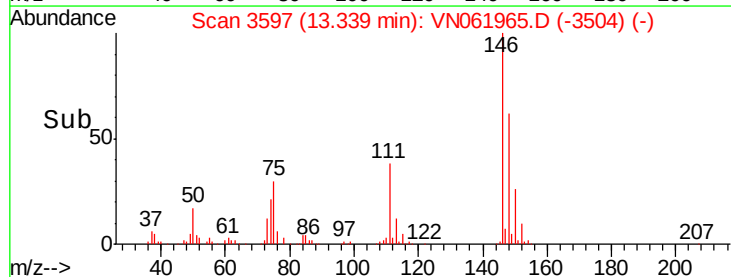
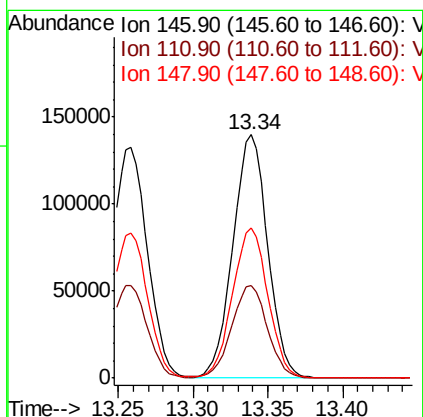
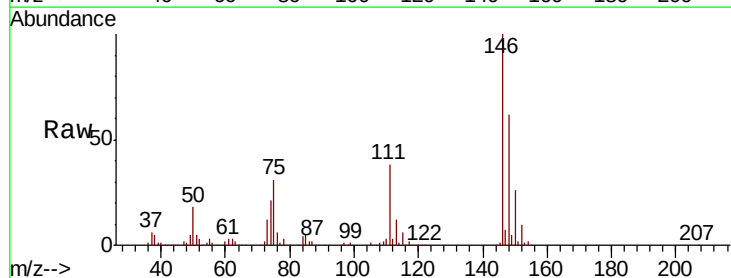
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MS

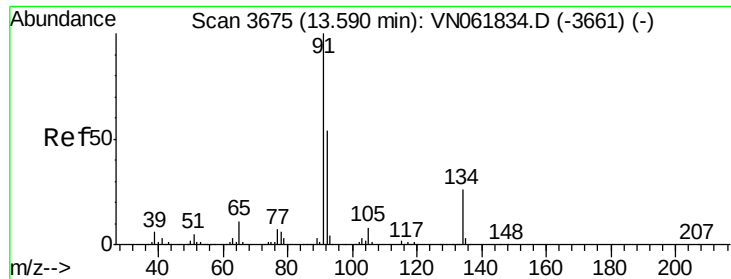
Tot Ion:146 Resp: 221158
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.6 58.8
 148 63.3 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 51.704 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

Tgt Ion:146 Resp: 226413
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.3 57.8
 148 63.1 31.6 94.7

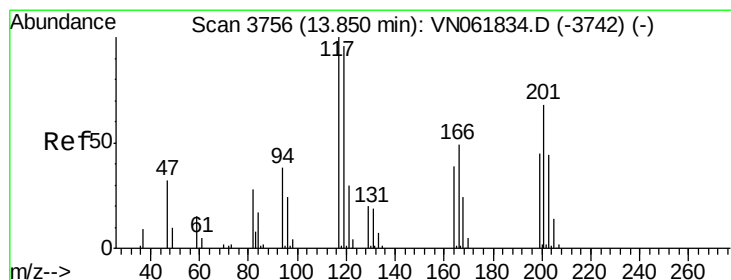
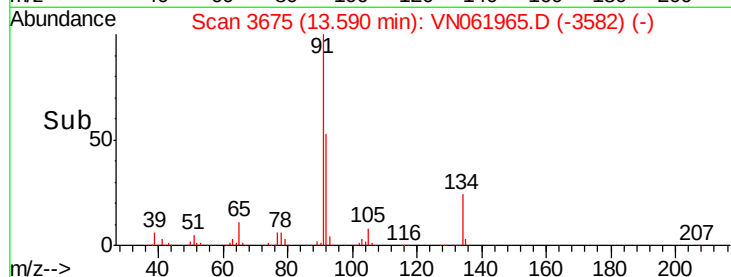
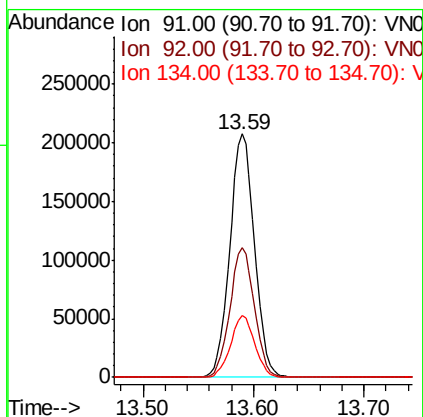
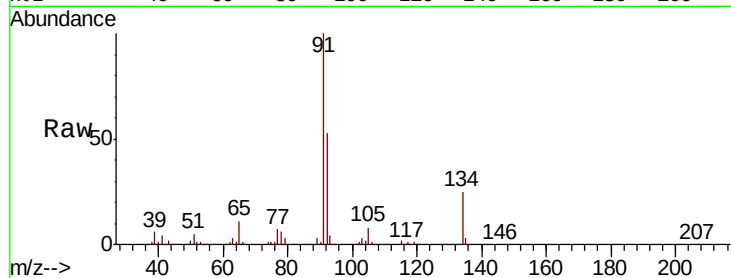




#89
n-Butylbenzene
Concen: 50.545 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

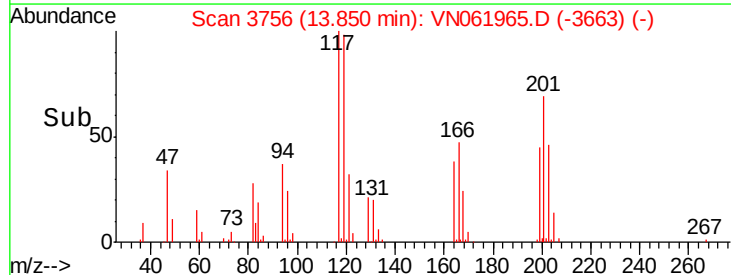
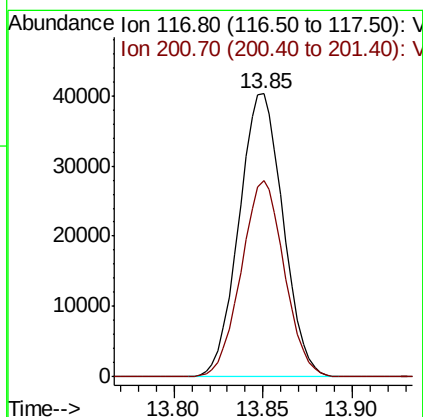
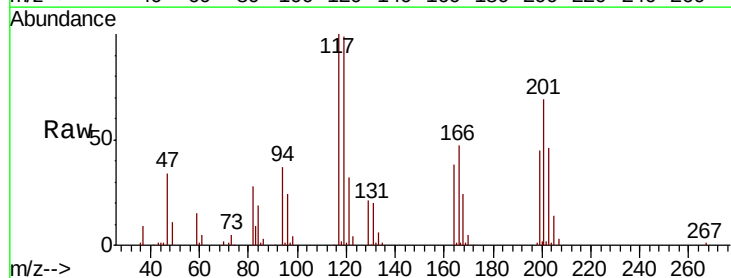
Instrument :
MSVOA_N
ClientSampled :
S49-0563MS

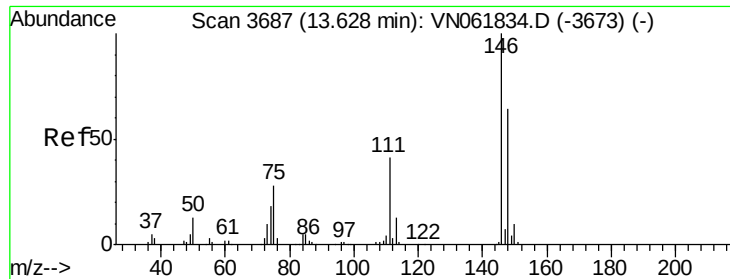
Tot Ion: 91 Resp: 321045
Ion Ratio Lower Upper
91 100
92 52.8 27.0 80.8
134 25.1 13.0 39.0



#90
Hexachloroethane
Concen: 49.965 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061965.D
Acq: 19 Jun 2020 20:24

Tgt Ion: 117 Resp: 69561
Ion Ratio Lower Upper
117 100
201 67.7 34.6 103.8

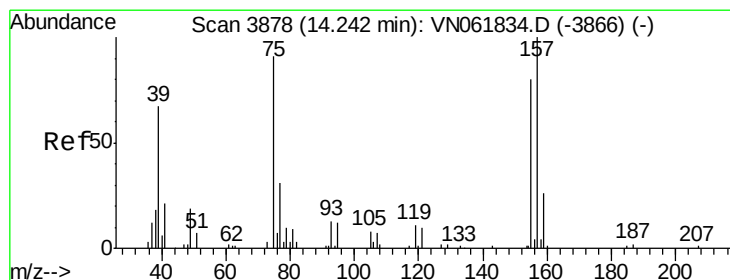
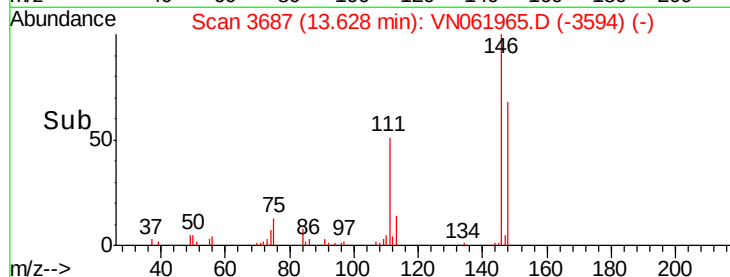
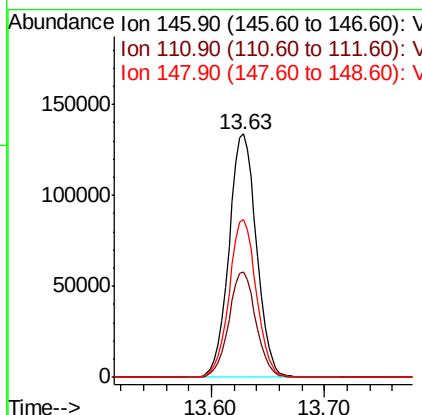
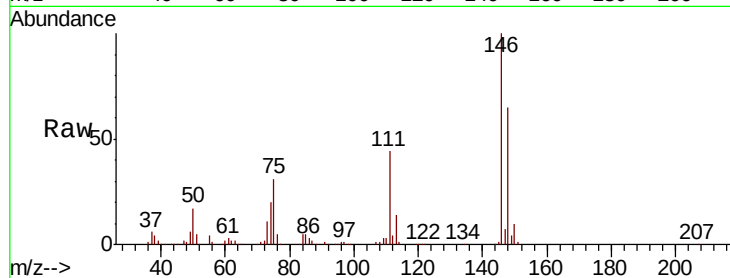




#91
 1,2-Dichlorobenzene
 Concen: 54.937 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

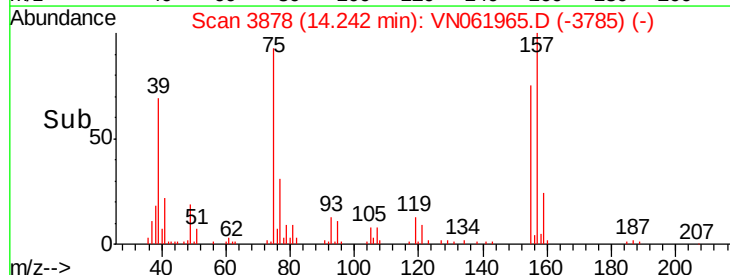
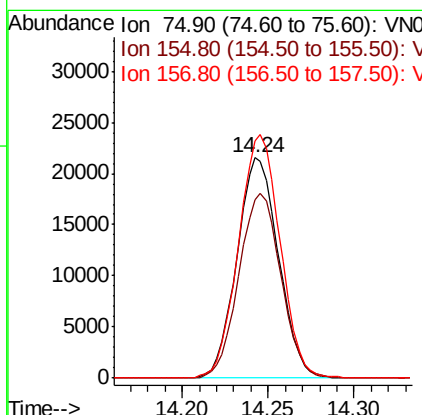
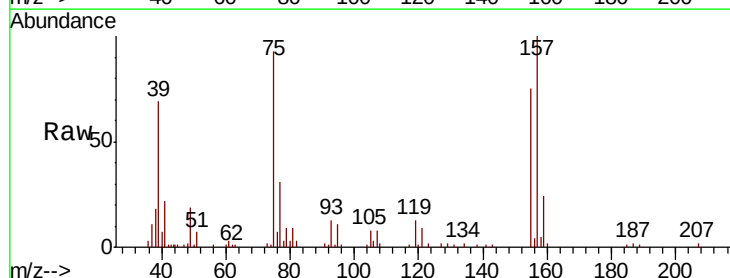
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MS

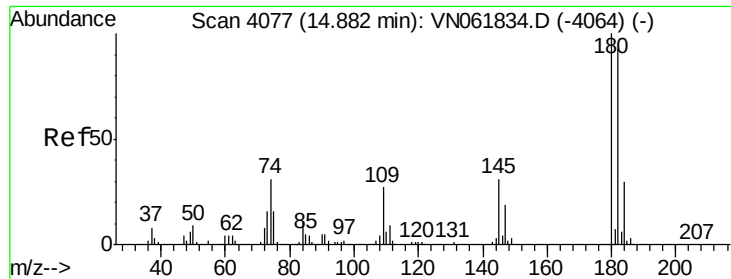
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.4	61.2
148	64.0	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 73.648 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.5	44.4	133.2
157	110.1	57.0	171.2

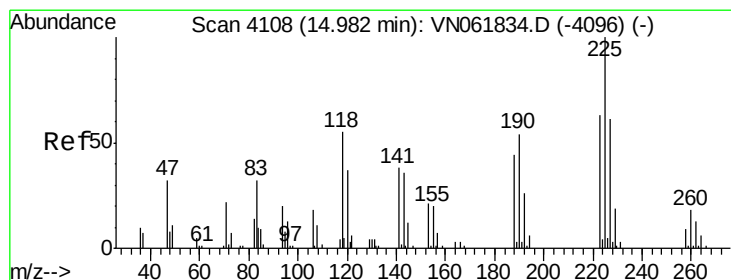
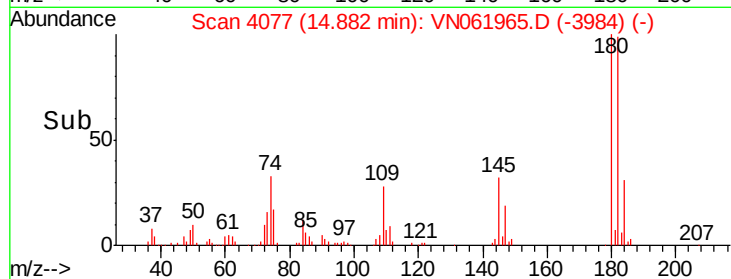
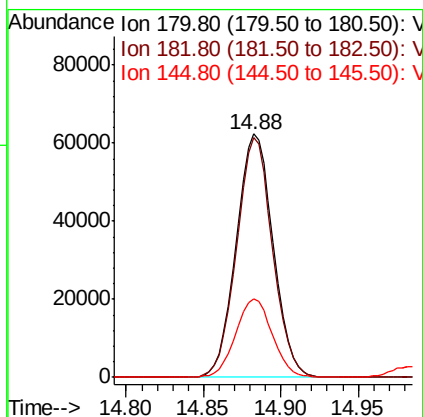
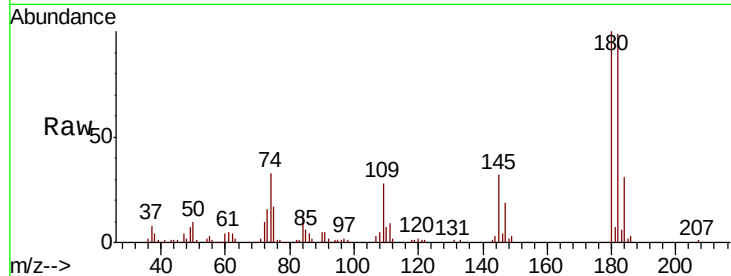




#93
 1,2,4-Trichlorobenzene
 Concen: 53.015 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

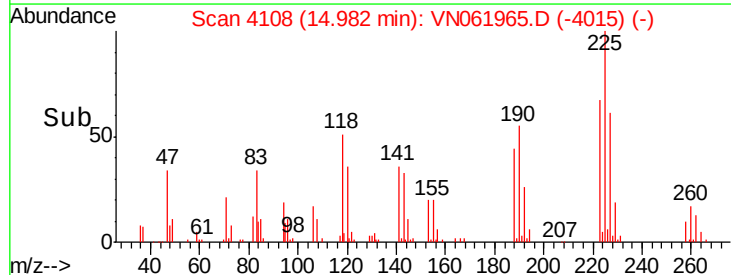
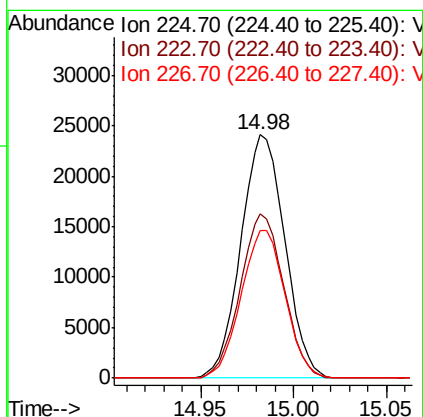
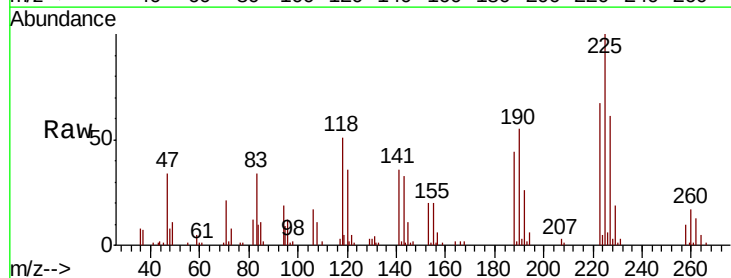
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MS

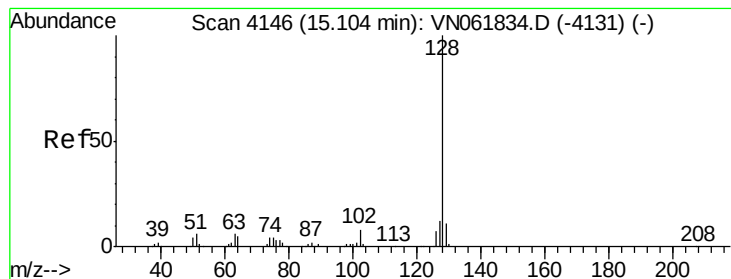
Tot Ion:180 Resp: 103029
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.0 141.2
 145 32.0 15.8 47.3



#94
 Hexachlorobutadiene
 Concen: 51.884 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061965.D
 Acq: 19 Jun 2020 20:24

Tgt Ion:225 Resp: 39713
 Ion Ratio Lower Upper
 225 100
 223 66.5 31.7 95.1
 227 60.8 30.1 90.3





#95

Naphthalene

Concen: 59.724 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MS

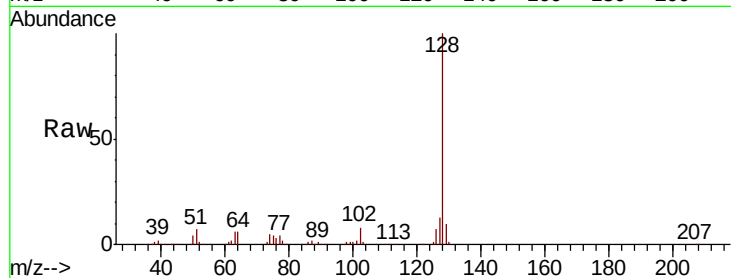
Tot Ion:128 Resp: 393429

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

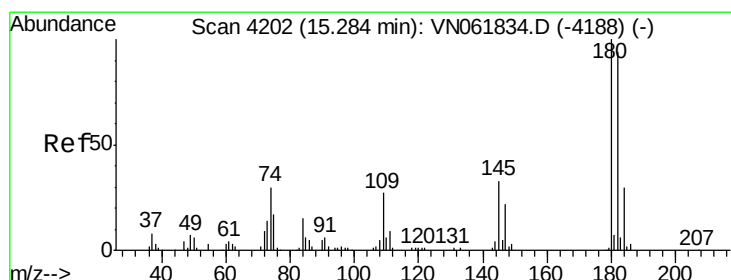
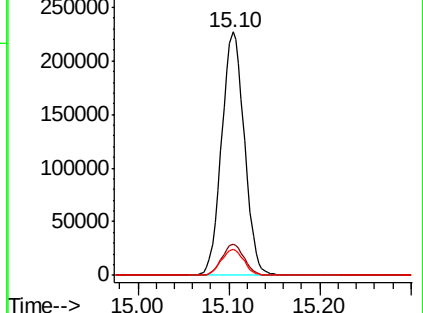
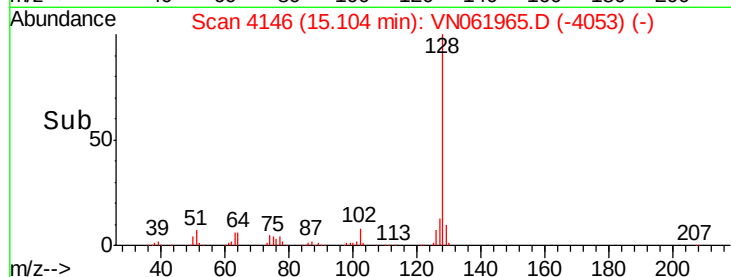
129 10.6 8.6 13.0



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: 53.450 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061965.D

Acq: 19 Jun 2020 20:24

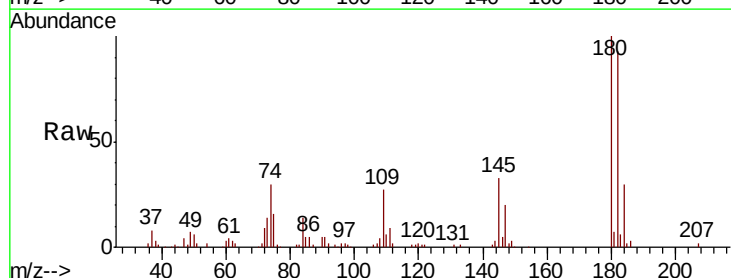
Tgt Ion:180 Resp: 102875

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.6

145 33.2 16.5 49.5



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

