

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080119\
 Data File : VN057049.D
 Acq On : 1 Aug 2019 19:50
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Aug 02 05:08:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 24 04:19:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	82549	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	8.58	114	438766	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.40	117	375392	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	156792	29.02	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.73%
60) 4-Bromofluorobenzene	12.40	95	162440	28.87	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.23%
63) Toluene-d8	10.08	98	536163	30.24	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	103176	20.905	ug/l 99
3) Chloromethane	2.05	50	116284	19.308	ug/l 98
4) Vinyl Chloride	2.18	62	111562	19.213	ug/l 99
5) Bromomethane	2.55	94	73775	20.693	ug/l 99
6) Chloroethane	2.69	64	58941	18.300	ug/l 92
7) Trichlorofluoromethane	3.00	101	150949	21.347	ug/l 98
8) Diethyl Ether	3.40	74	55932	21.228	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	3.74	101	89230	20.093	ug/l 96
10) 1,1-Dichloroethene	3.73	96	88451	20.071	ug/l 96
11) Methyl Iodide	3.94	142	124302	19.065	ug/l 97
12) Methyl Acetate	4.31	43	87783	16.276	ug/l 94
13) Acrolein	3.59	56	68556	112.313	ug/l 97
14) Acrylonitrile	4.97	53	198129	95.254	ug/l 99
15) Acetone	3.81	58	51869	96.455	ug/l 93
16) Carbon Disulfide	4.04	76	228994	19.270	ug/l 99
17) Allyl chloride	4.31	41	137894	18.698	ug/l 97
18) Methylene Chloride	4.54	84	101930	19.872	ug/l 99
19) trans-1,2-Dichloroethene	5.03	96	94568	20.276	ug/l 99
20) Diisopropyl ether	5.94	45	289781	19.354	ug/l 98
21) 1,1-Dichloroethane	5.83	63	173007	19.882	ug/l 98
22) cis-1,2-Dichloroethene	6.82	96	107349	19.859	ug/l 98
23) tert-Butyl Alcohol	4.77	59	72644	104.654	ug/l # 100
24) Methyl tert-Butyl Ether	5.02	73	267119	20.048	ug/l 97
25) Chloroform	7.36	83	171200	20.168	ug/l 98
26) Cyclohexane	7.64	56	156099	19.528	ug/l # 98
29) 1,1-Dichloropropene	7.78	75	129080	20.731	ug/l 96
30) 2-Butanone	6.82	43	242119	96.787	ug/l 98
31) 2,2-Dichloropropane	6.81	77	119589	20.697	ug/l 98
32) 1,1,1-Trichloroethane	7.56	97	143205	20.932	ug/l 99
33) Carbon Tetrachloride	7.76	117	124103	20.783	ug/l 99
34) Benzene	8.03	78	394536	20.110	ug/l 98
35) Methacrylonitrile	7.20	41	144634	57.895	ug/l # 52
36) 1,2-Dichloroethane	8.11	62	124215	20.366	ug/l 99
37) Trichloroethene	8.82	130	109038	20.731	ug/l 98
38) Methylcyclohexane	9.07	83	158025	19.951	ug/l 98
39) 1,2-Dichloropropane	9.11	63	105307	20.109	ug/l 99
40) Dibromomethane	9.20	93	65136	20.275	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.39	83	124194	20.118	ug/l	99
42) Vinyl Acetate	5.88	43	1076676	96.646	ug/l	98
43) Ethyl Acetate	6.92	43	103628	20.207	ug/l	96
44) Isopropyl Acetate	8.16	43	163814	19.164	ug/l #	87
45) 1,4-Dioxane	9.19	88	32961	405.030	ug/l	95
46) Methyl methacrylate	9.19	41	79555	18.655	ug/l	96
47) n-amyl Acetate	12.07	43	124920	18.255	ug/l	99
48) t-1,3-Dichloropropene	10.37	75	126992	19.769	ug/l	100
49) cis-1,3-Dichloropropene	9.83	75	149406	19.958	ug/l	97
50) 1,1,2-Trichloroethane	10.55	97	92027	19.952	ug/l	96
51) Ethyl methacrylate	10.42	69	129721	19.444	ug/l	98
52) 1,3-Dichloropropane	10.70	76	156138	20.058	ug/l	100
53) Dibromochloromethane	10.90	129	98373	20.518	ug/l	99
54) 1,2-Dibromoethane	11.00	107	96793	20.570	ug/l	99
55) 2-Chloroethyl vinyl ether	9.69	63	231147	79.999	ug/l	97
56) Bromoform	12.12	173	67645	20.392	ug/l	99
58) 4-Methyl-2-Pentanone	9.98	43	491197	97.506	ug/l	97
59) 2-Hexanone	10.74	43	339715	98.964	ug/l	99
61) Tetrachloroethene	10.63	164	113695	21.611	ug/l	97
62) Toluene	10.15	91	419974	20.571	ug/l	100
64) Chlorobenzene	11.43	112	256512	20.858	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.50	131	97369	20.903	ug/l	98
66) Ethyl Benzene	11.51	91	445611	20.712	ug/l	99
67) m/p-Xylenes	11.62	106	333172	41.529	ug/l	99
68) o-Xylene	11.94	106	165782	21.017	ug/l	97
69) Styrene	11.96	104	258357	20.212	ug/l	99
70) Isopropylbenzene	12.25	105	438124	21.095	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	120208	20.664	ug/l	98
72) 1,2,3-Trichloropropane	12.55	75	139944	27.343	ug/l	66
73) Bromobenzene	12.52	156	108802	20.301	ug/l	98
74) n-propylbenzene	12.59	91	454133	19.998	ug/l	99
75) 2-Chlorotoluene	12.67	91	280838	20.398	ug/l	98
76) 1,3,5-Trimethylbenzene	12.73	105	367050	20.993	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	31047	19.320	ug/l	96
78) 4-Chlorotoluene	12.77	91	256511	19.600	ug/l	98
79) tert-butylbenzene	12.99	119	321518	21.310	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	350952	20.590	ug/l	98
81) sec-Butylbenzene	13.17	105	406753	20.649	ug/l	98
82) p-Isopropyltoluene	13.29	119	358062	20.240	ug/l	98
83) 1,3-Dichlorobenzene	13.28	146	163824	19.415	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	149346	18.719	ug/l	99
85) n-Butylbenzene	13.61	91	256634	18.474	ug/l	98
86) Hexachloroethane	13.87	117	63376	21.406	ug/l	95
87) 1,2-Dichlorobenzene	13.65	146	168397	20.092	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	17792	19.770	ug/l	98
89) 1,2,4-Trichlorobenzene	14.91	180	59856	18.386	ug/l	99
90) Hexachlorobutadiene	15.00	225	68110	22.108	ug/l	98
91) Naphthalene	15.12	128	153272	18.022	ug/l	99
92) 1,2,3-Trichlorobenzene	15.29	180	71812	16.207	ug/l	97

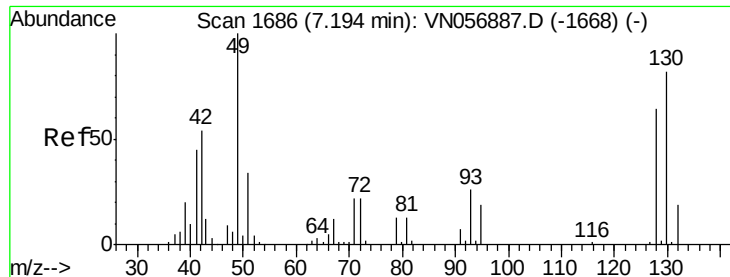
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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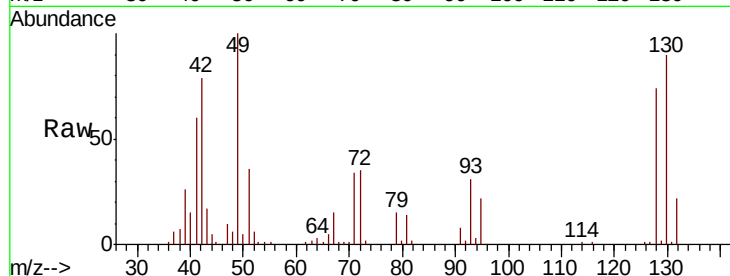
(#) = qualifier out of range (m) = manual integration (+) = signals summed



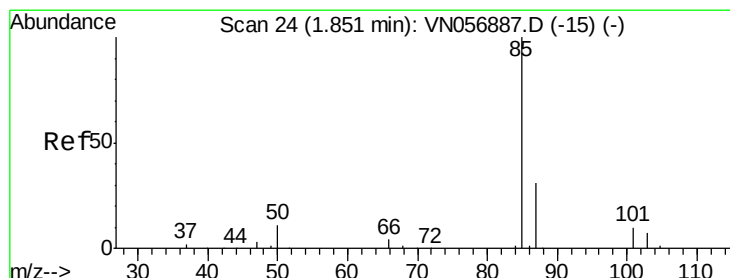
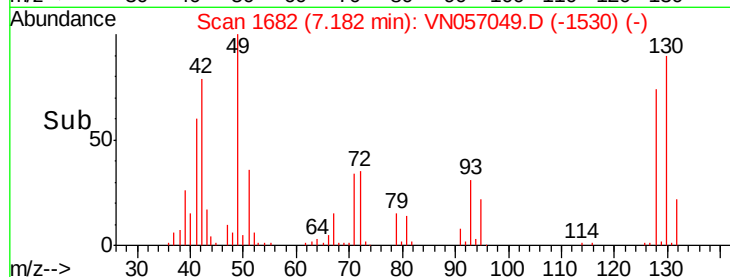
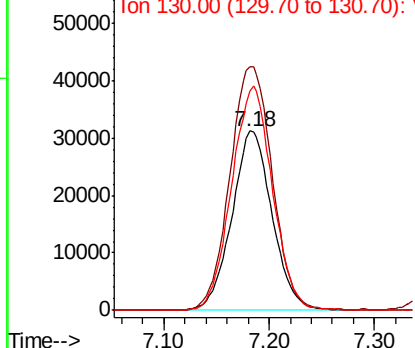
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.18 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:128 Resp: 82549
 Ion Ratio Lower Upper
 128 100
 49 143.3 0.0 385.8
 130 127.4 0.0 322.5

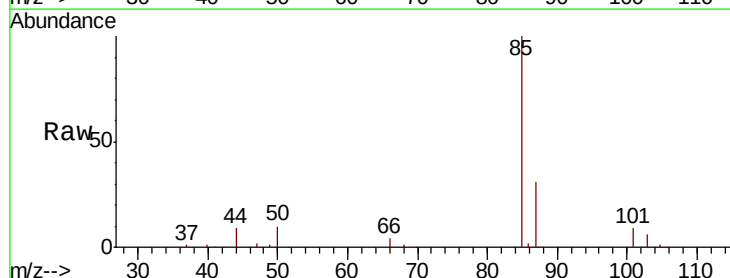


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

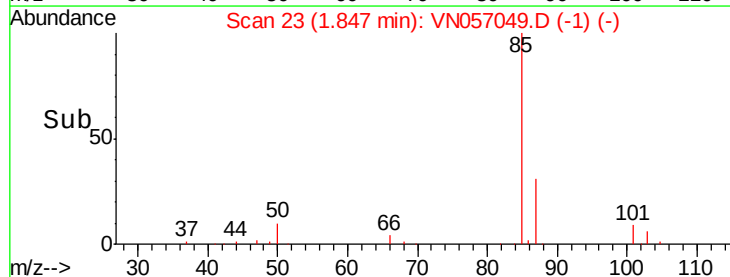
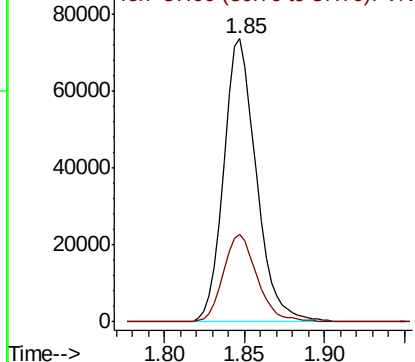


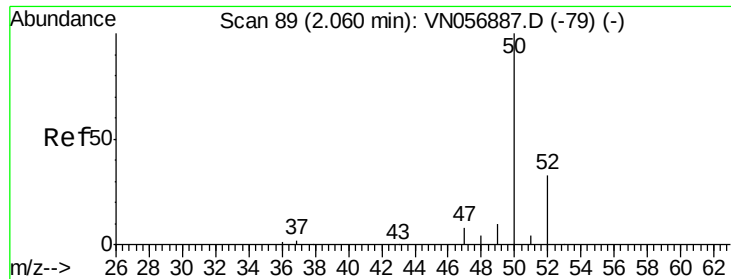
#2
 Dichlorodifluoromethane
 Concen: 20.905 ug/l
 RT: 1.85 min Scan# 23
 Delta R.T. -0.00 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Tgt Ion: 85 Resp: 103176
 Ion Ratio Lower Upper
 85 100
 87 30.8 15.6 46.8



Abundance Ion 85.00 (84.70 to 85.70): VN
 Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 19.308 ug/l

RT: 2.05 min Scan# 87

Delta R.T. -0.01 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

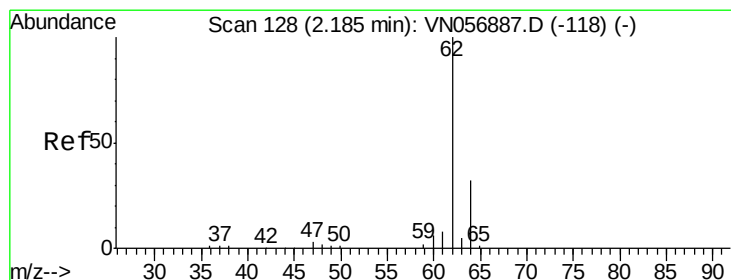
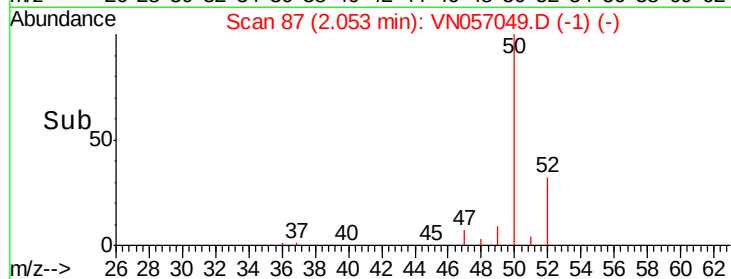
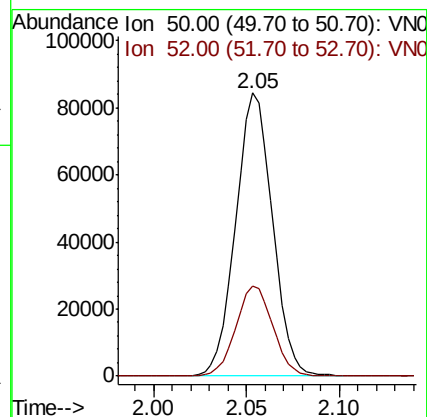
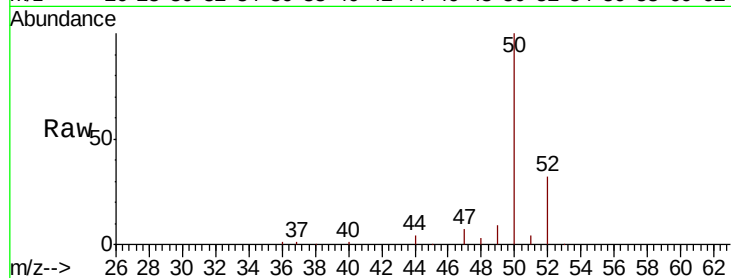
VSTDCCC020EC

Tot Ion: 50 Resp: 116284

Ion Ratio Lower Upper

50 100

52 31.8 26.2 39.2



#4

Vinyl Chloride

Concen: 19.213 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN057049.D

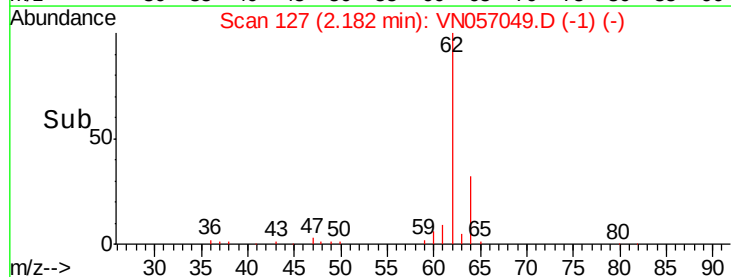
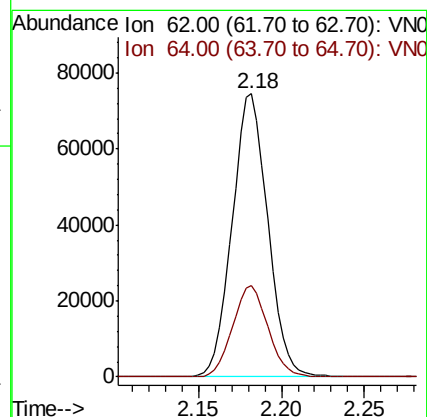
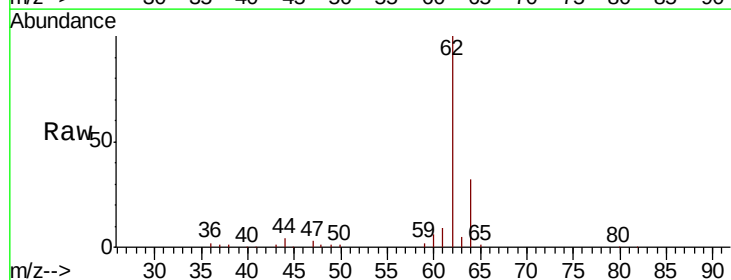
Acq: 1 Aug 2019 19:50

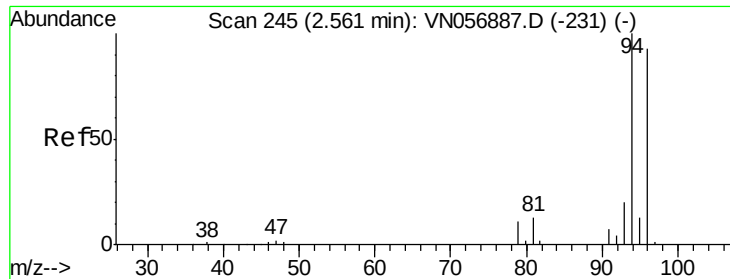
Tgt Ion: 62 Resp: 111562

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 20.693 ug/l

RT: 2.55 min Scan# 241

Delta R.T. -0.01 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

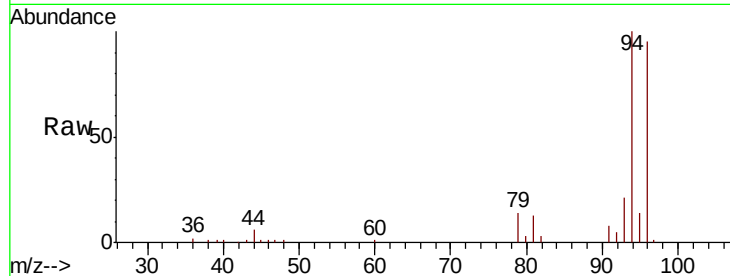
VSTDCCC020EC

Tot Ion: 94 Resp: 73775

Ion Ratio Lower Upper

94 100

96 94.8 74.7 112.1



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

2.55

40000

30000

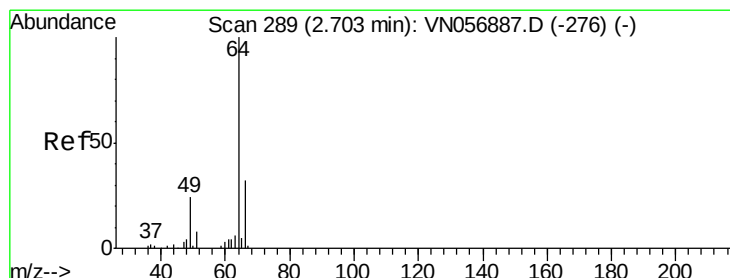
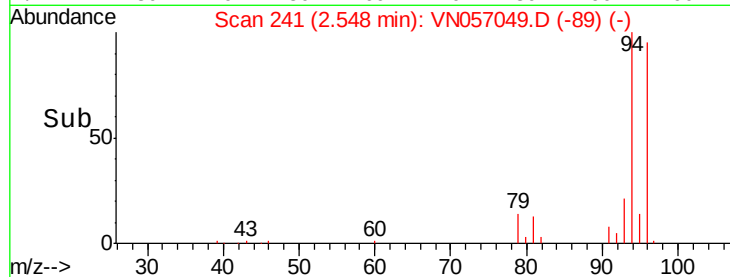
20000

10000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 18.300 ug/l

RT: 2.69 min Scan# 286

Delta R.T. -0.01 min

Lab File: VN057049.D

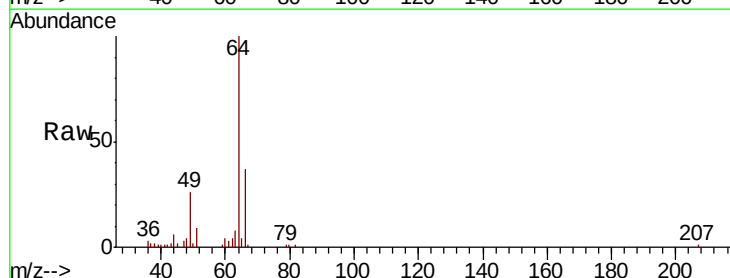
Acq: 1 Aug 2019 19:50

Tgt Ion: 64 Resp: 58941

Ion Ratio Lower Upper

64 100

66 36.8 25.8 38.8



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

2.69

30000

25000

20000

15000

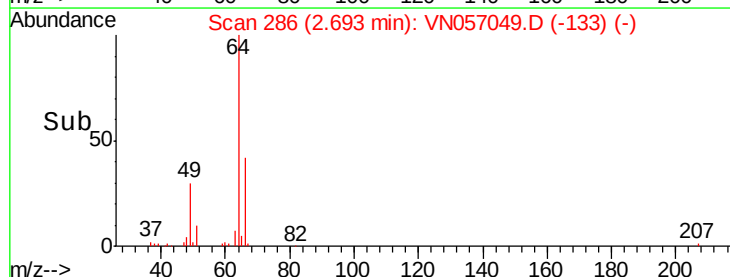
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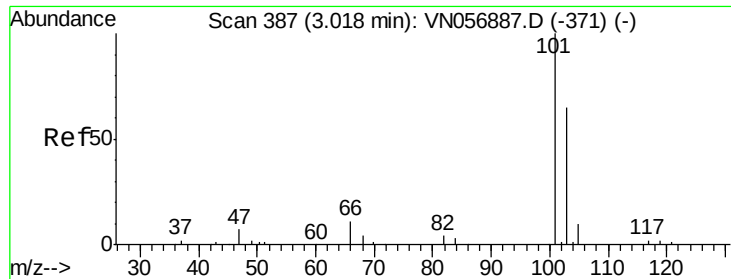
5000

0

Time-->

2.60 2.65 2.70 2.75 2.80



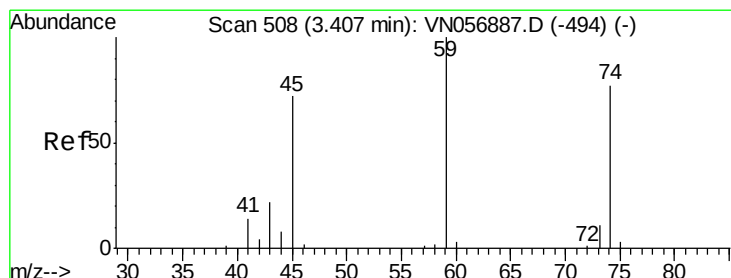
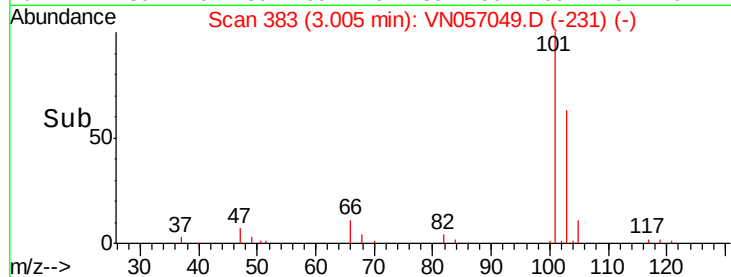
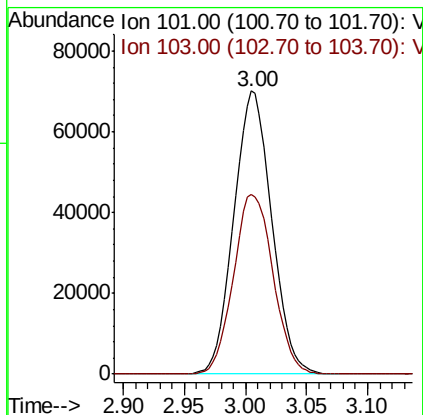
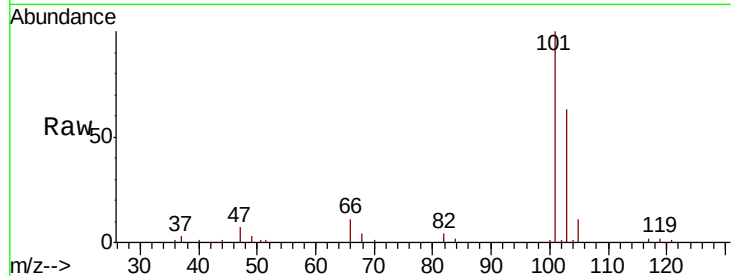


#7

Trichlorofluoromethane
 Concen: 21.347 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.01 min
 Lab File: VN057049.D
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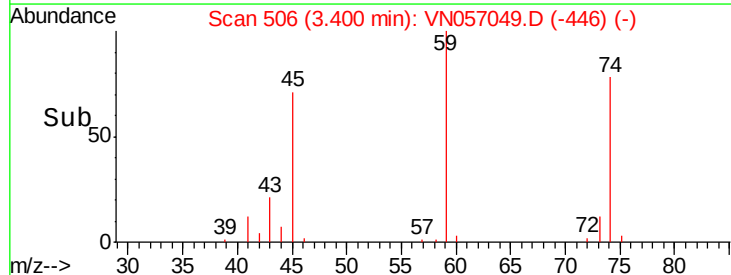
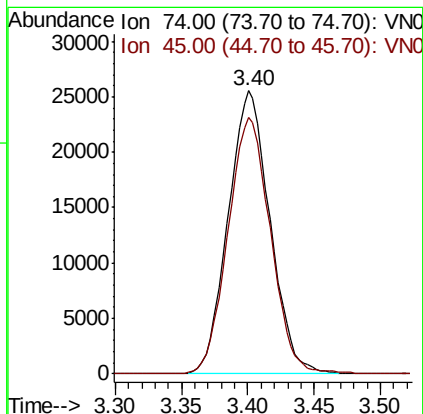
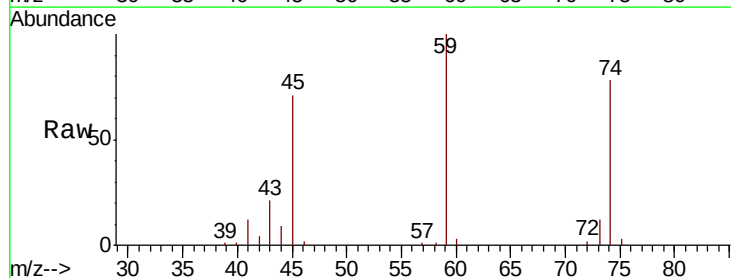
Tot Ion:101 Resp: 150949
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.2 78.4

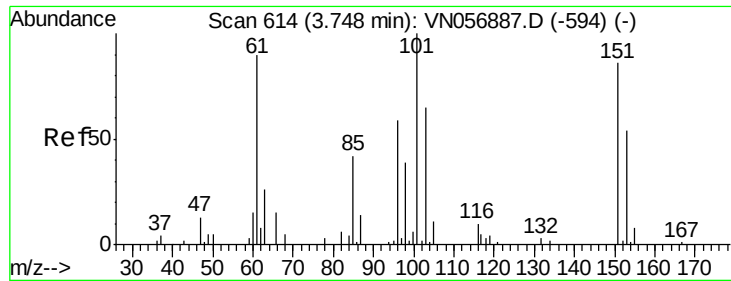


#8

Diethyl Ether
 Concen: 21.228 ug/l
 RT: 3.40 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Tgt Ion: 74 Resp: 55932
 Ion Ratio Lower Upper
 74 100
 45 91.7 19.5 175.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.093 ug/l

RT: 3.74 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

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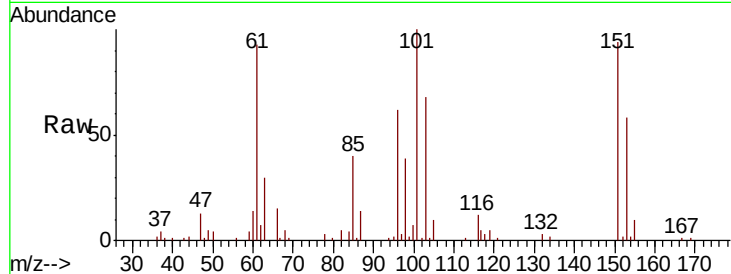
Tot Ion:101 Resp: 89230

Ion Ratio Lower Upper

101 100

85 40.3 0.0 85.0

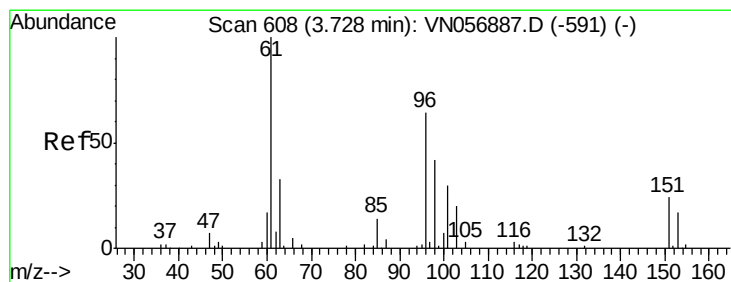
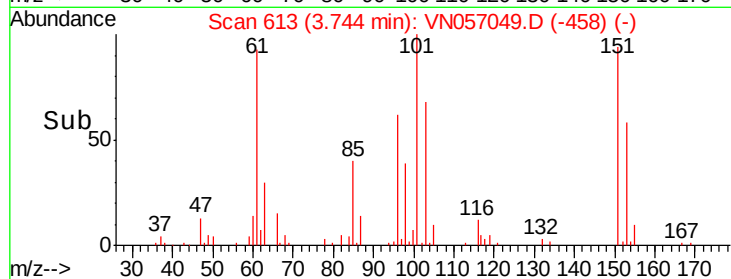
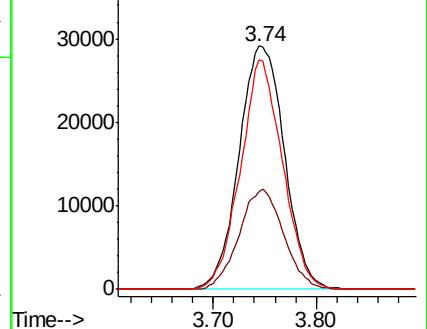
151 87.3 0.0 167.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.071 ug/l

RT: 3.73 min Scan# 607

Delta R.T. -0.00 min

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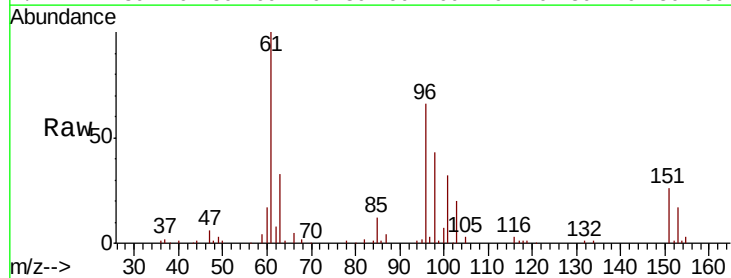
Tgt Ion: 96 Resp: 88451

Ion Ratio Lower Upper

96 100

61 151.2 125.8 188.8

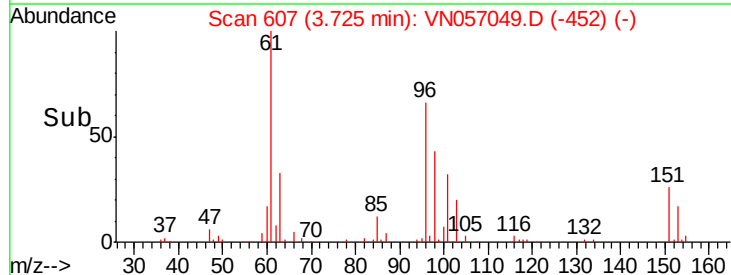
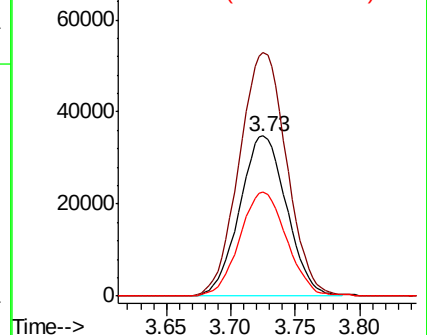
98 64.9 52.7 79.1

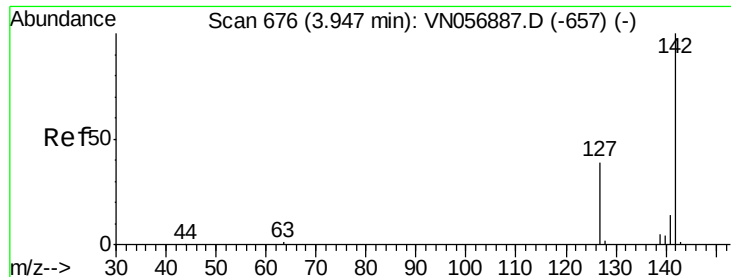


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

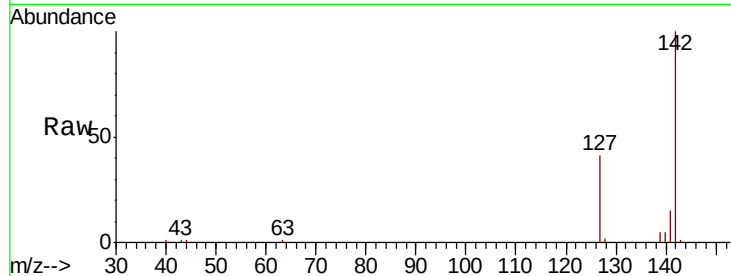




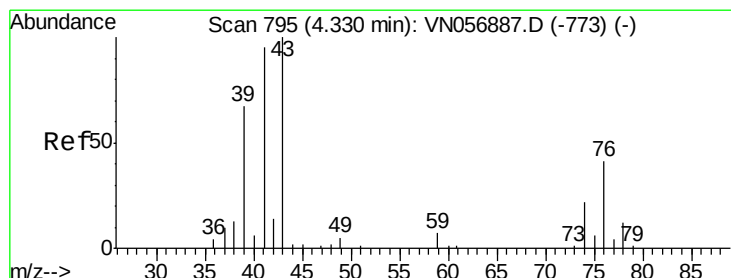
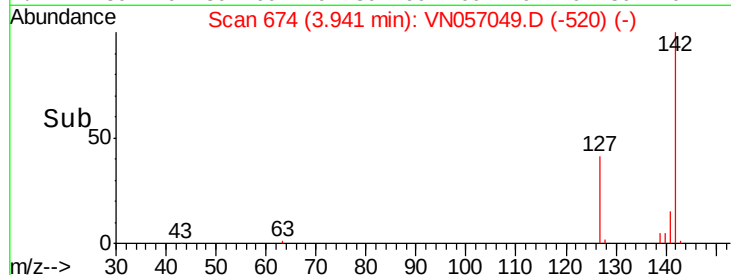
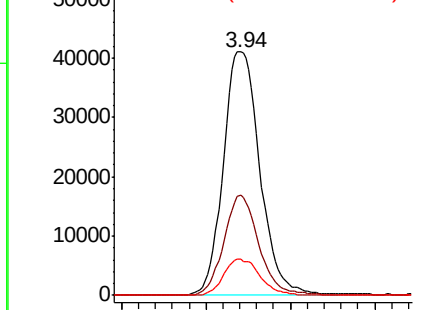
#11
Methvl Iodide
Concen: 19.065 ug/l
RT: 3.94 min Scan# 674
Delta R.T. -0.01 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:142 Resp: 124302
Ion Ratio Lower Upper
142 100
127 41.2 19.6 58.8
141 14.8 7.2 21.6

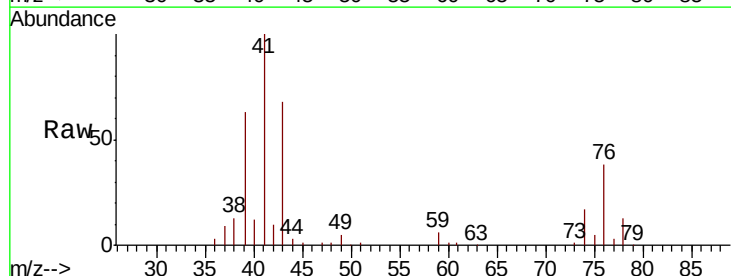


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

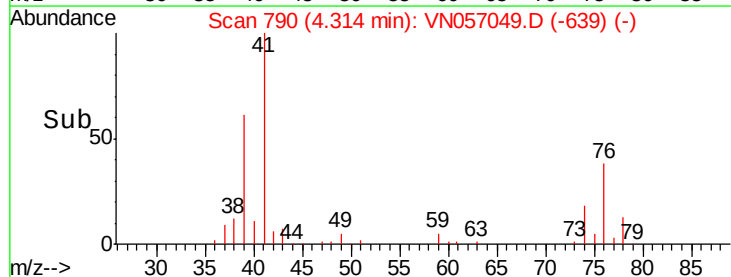
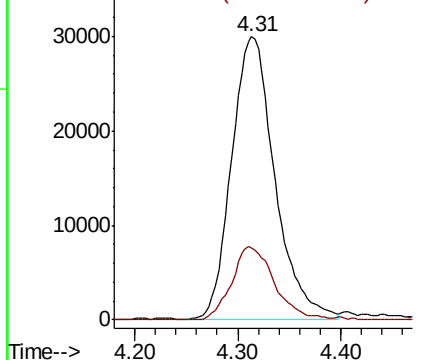


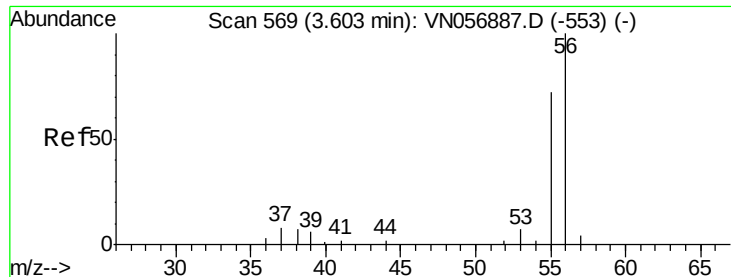
#12
Methyl Acetate
Concen: 16.276 ug/l
RT: 4.31 min Scan# 790
Delta R.T. -0.02 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

Tgt Ion: 43 Resp: 87783
Ion Ratio Lower Upper
43 100
74 25.3 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 112.313 ug/l

RT: 3.59 min Scan# 566

Delta R.T. -0.01 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

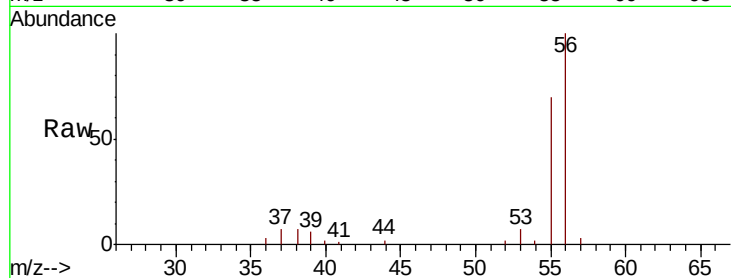
VSTDCCC020EC

Tot Ion: 56 Resp: 68556

Ion Ratio Lower Upper

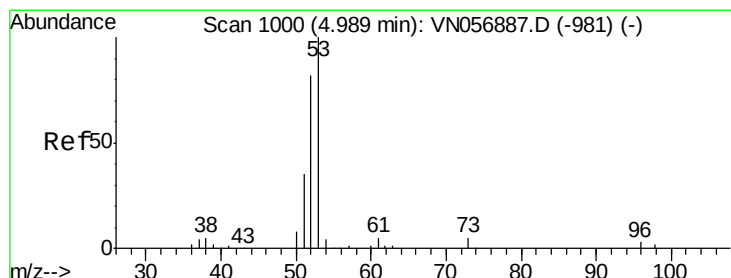
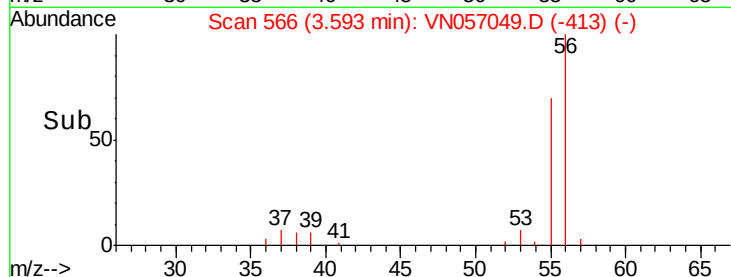
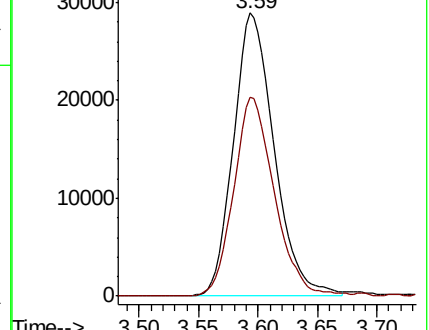
56 100

55 70.2 58.5 87.7



Abundance Ion 56.00 (55.70 to 56.70): VN056887.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN056887.D (-553) (-)



#14

Acrylonitrile

Concen: 95.254 ug/l

RT: 4.97 min Scan# 995

Delta R.T. -0.02 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

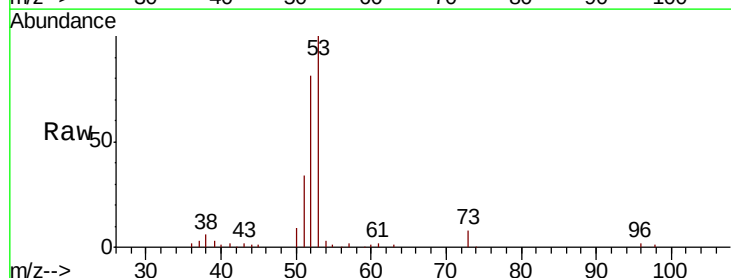
Tgt Ion: 53 Resp: 198129

Ion Ratio Lower Upper

53 100

52 82.1 40.8 122.5

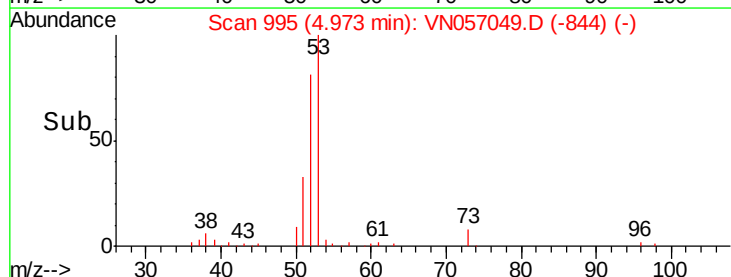
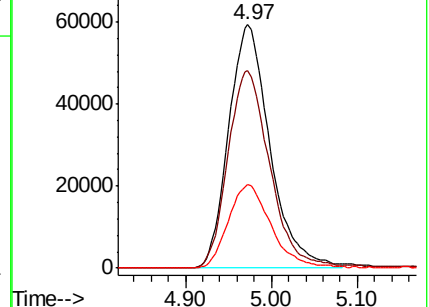
51 35.3 17.4 52.2

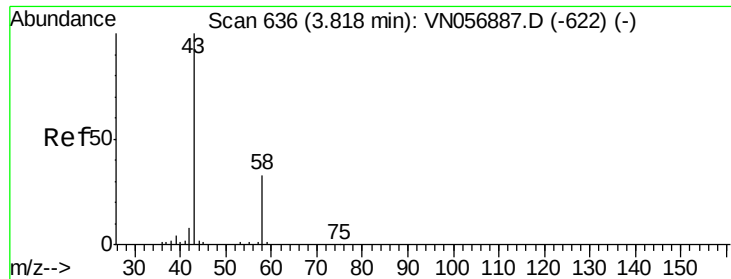


Abundance Ion 53.00 (52.70 to 53.70): VN056887.D (-981) (-)

Ion 52.00 (51.70 to 52.70): VN056887.D (-981) (-)

Ion 51.00 (50.70 to 51.70): VN056887.D (-981) (-)





#15

Acetone

Concen: 96.455 ug/l

RT: 3.81 min Scan# 633

Delta R.T. -0.01 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

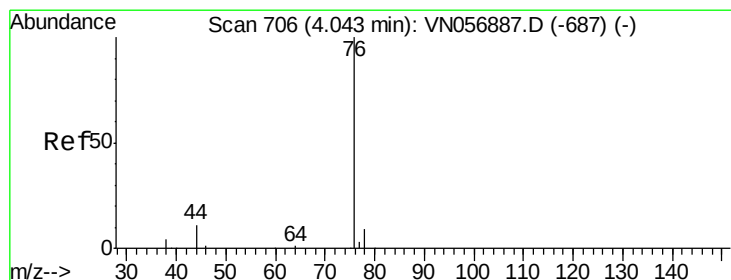
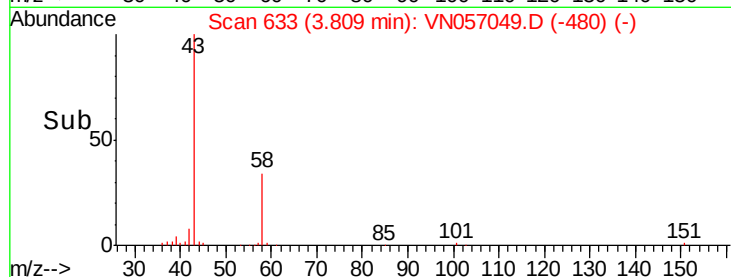
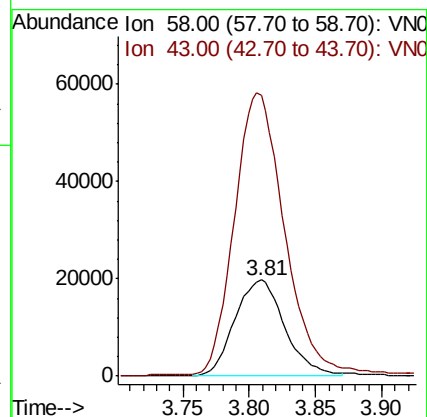
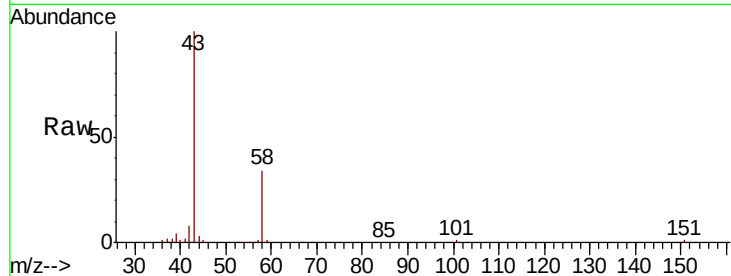
VSTDCCC020EC

Tot Ion: 58 Resp: 51869

Ion Ratio Lower Upper

58 100

43 289.3 242.4 363.6



#16

Carbon Disulfide

Concen: 19.270 ug/l

RT: 4.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN057049.D

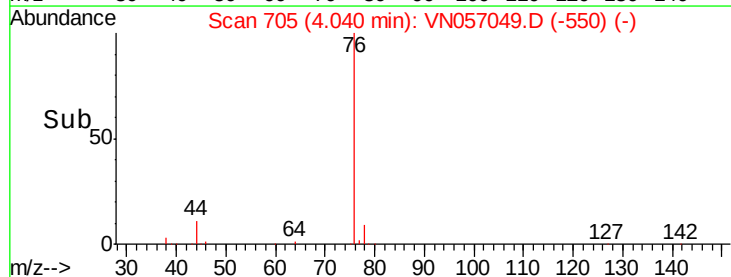
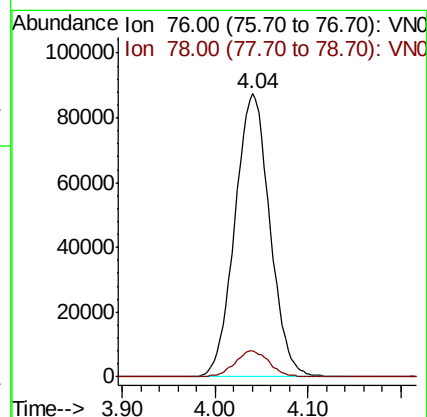
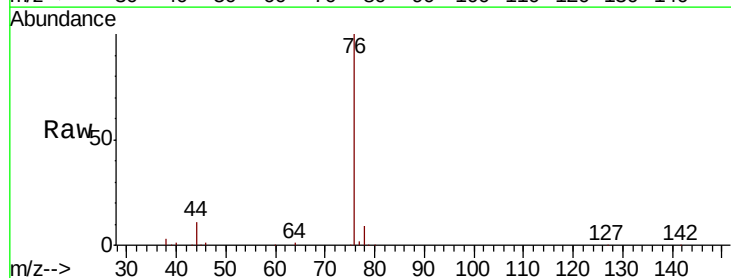
Acq: 1 Aug 2019 19:50

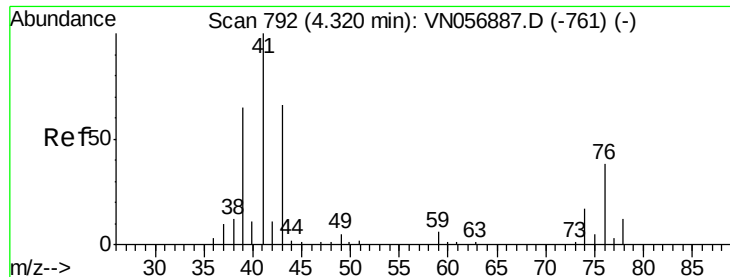
Tgt Ion: 76 Resp: 228994

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

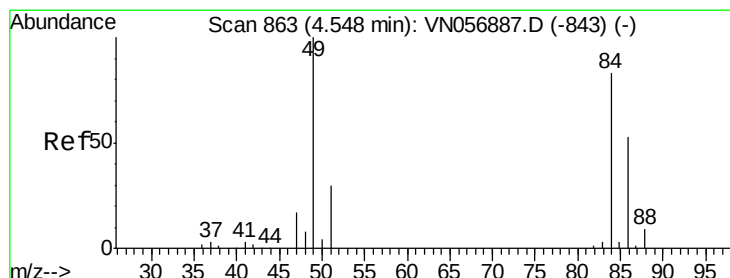
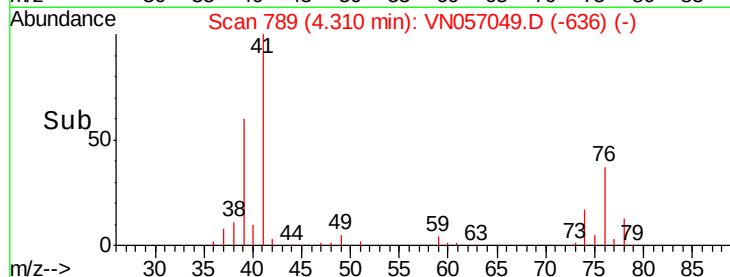
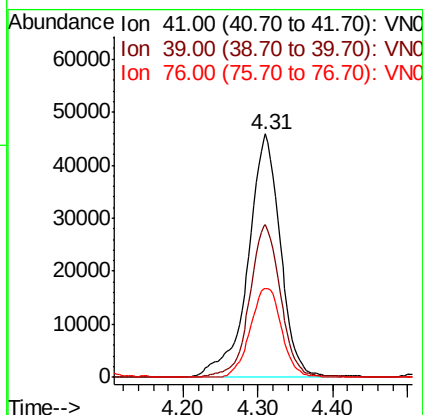
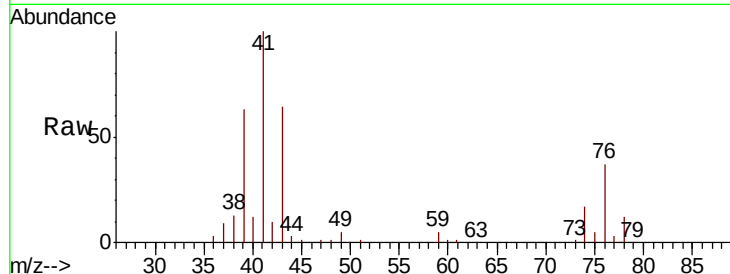




#17
Allvl chloride
Concen: 18.698 ug/l
RT: 4.31 min Scan# 789
Delta R.T. -0.01 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

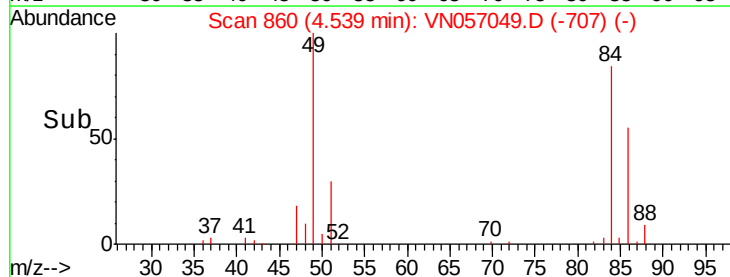
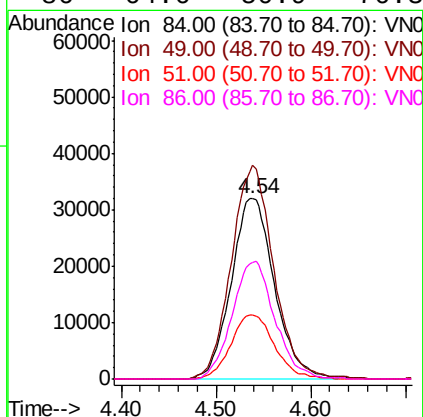
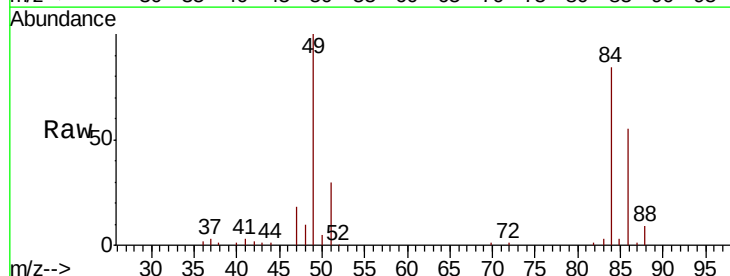
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

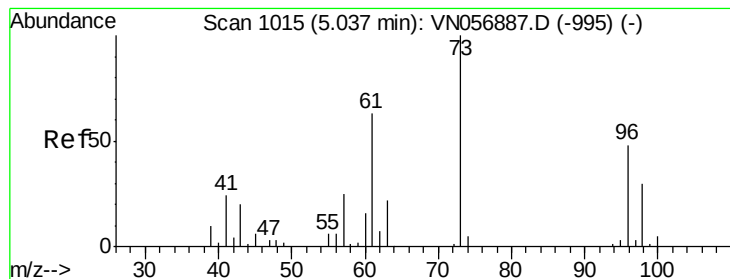
Tot Ion: 41 Resp: 137894
Ion Ratio Lower Upper
41 100
39 62.6 32.4 97.0
76 36.6 19.0 57.0



#18
Methylene Chloride
Concen: 19.872 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

Tgt Ion: 84 Resp: 101930
Ion Ratio Lower Upper
84 100
49 118.5 96.3 144.5
51 35.6 28.8 43.2
86 64.6 50.9 76.3





#19

trans-1,2-Dichloroethene

Concen: 20.276 ug/l

RT: 5.03 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

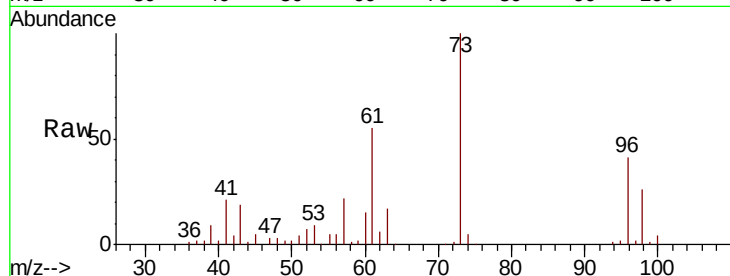
Tot Ion: 96 Resp: 94568

Ion Ratio Lower Upper

96 100

61 130.8 105.4 158.0

98 63.3 50.8 76.2

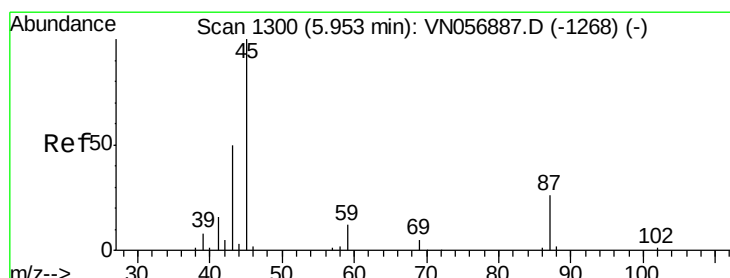
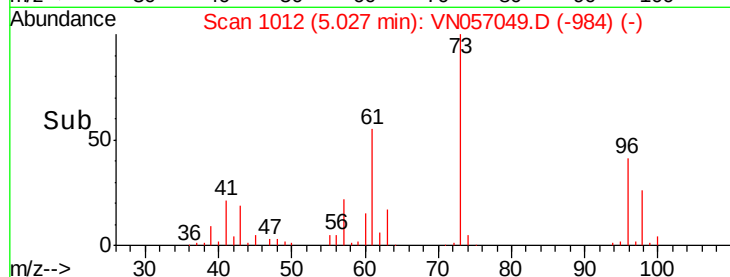
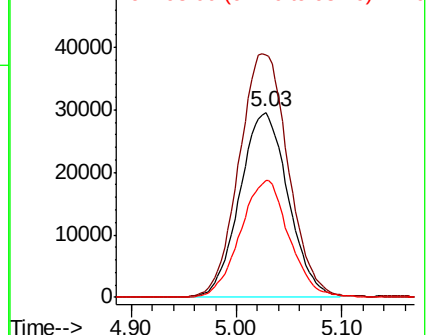


Abundance

Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#20

Diisopropyl ether

Concen: 19.354 ug/l

RT: 5.94 min Scan# 1295

Delta R.T. -0.02 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

Tgt Ion: 45 Resp: 289781

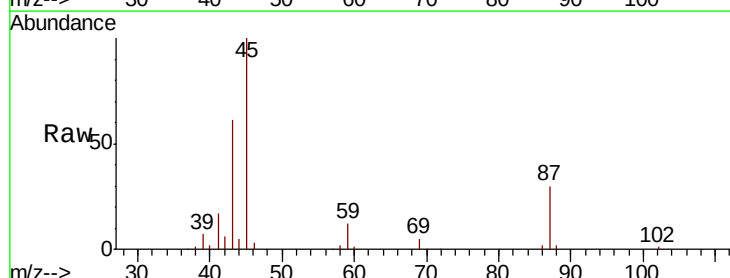
Ion Ratio Lower Upper

45 100

43 59.6 47.4 71.0

87 29.6 21.7 32.5

59 12.3 9.3 13.9



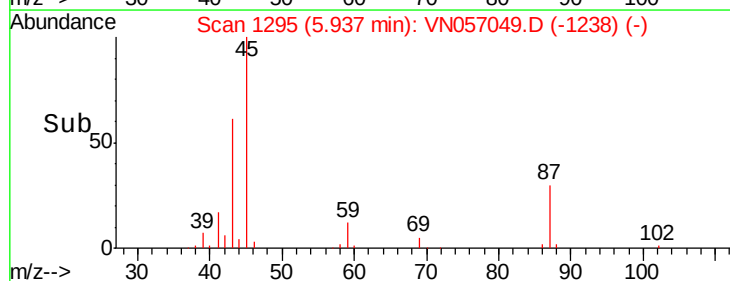
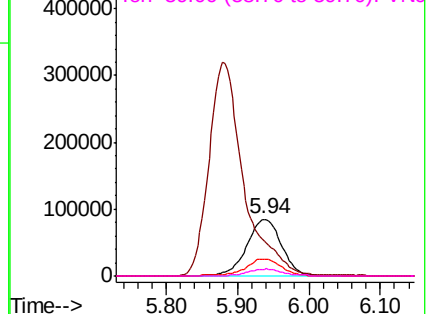
Abundance

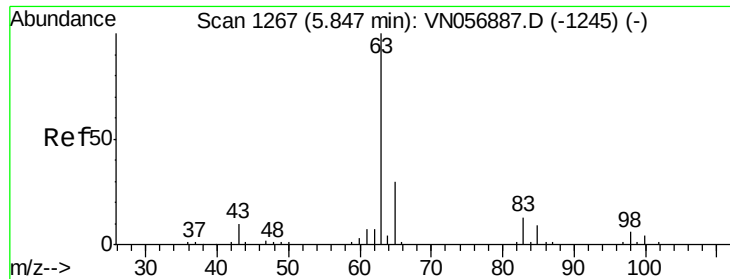
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

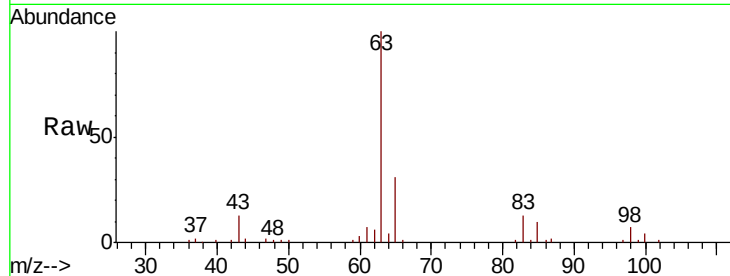




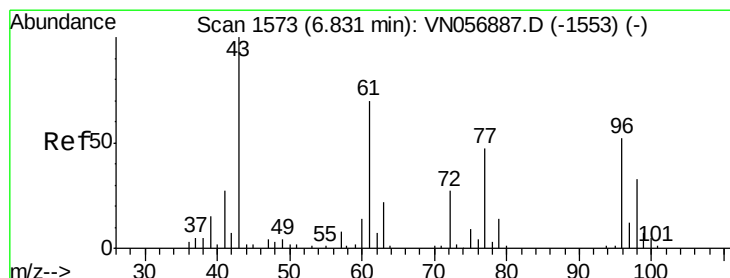
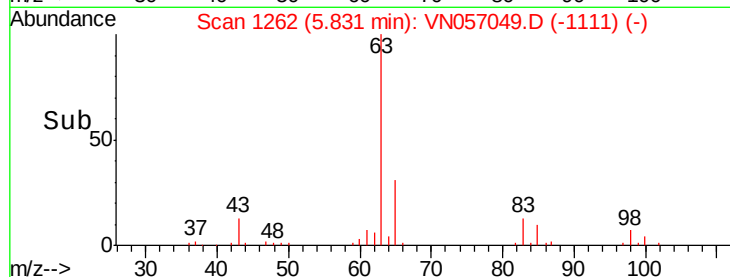
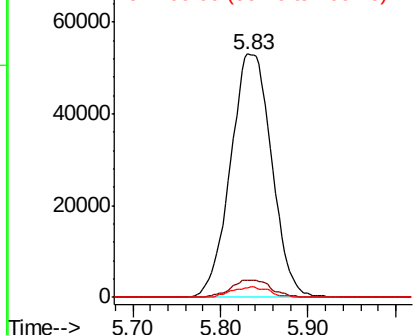
#21
 1,1-Dichloroethane
 Concen: 19.882 ug/l
 RT: 5.83 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 63 Resp: 173007
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.3
 100 4.0 1.8 5.5

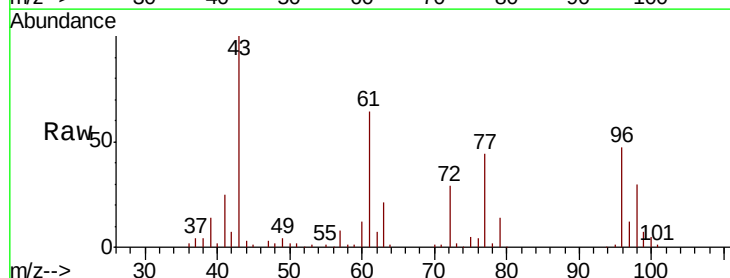


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

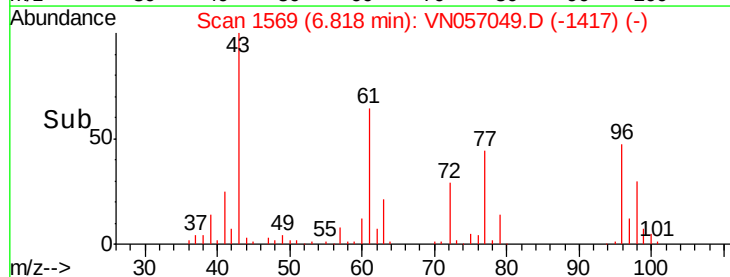
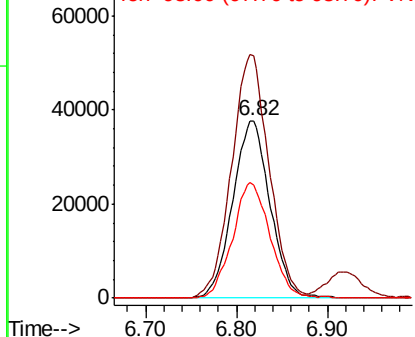


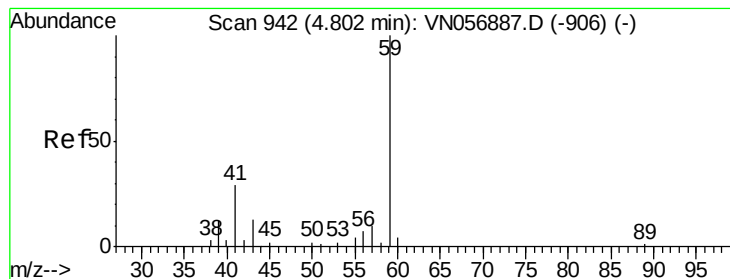
#22
 cis-1,2-Dichloroethene
 Concen: 19.859 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Tgt Ion: 96 Resp: 107349
 Ion Ratio Lower Upper
 96 100
 61 137.7 111.6 167.4
 98 65.1 51.0 76.4



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0



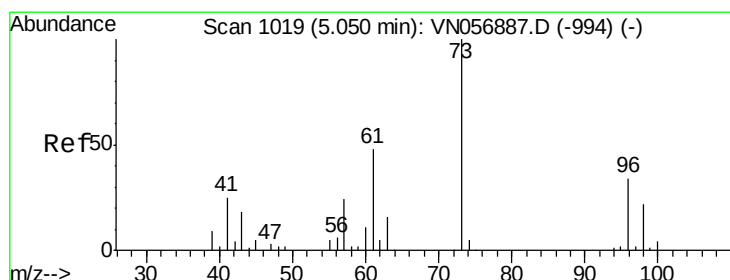
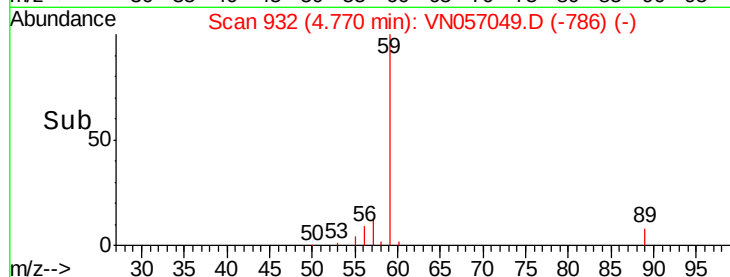
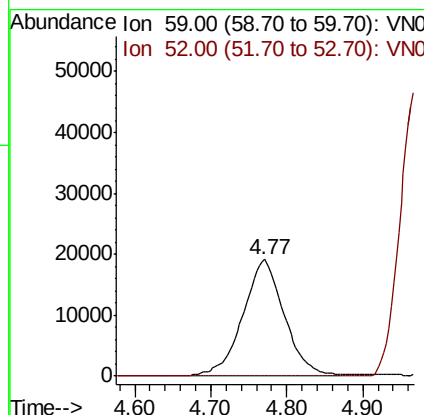
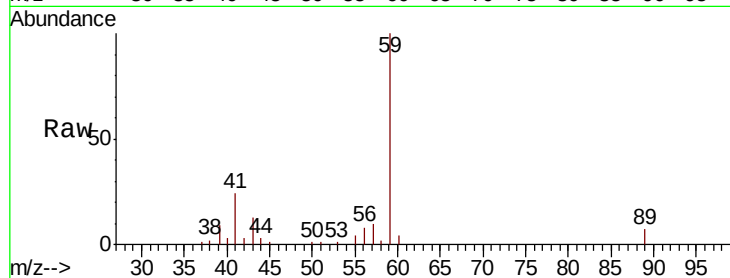


#23

tert-Butyl Alcohol
 Concen: 104.654 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. -0.03 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020EC

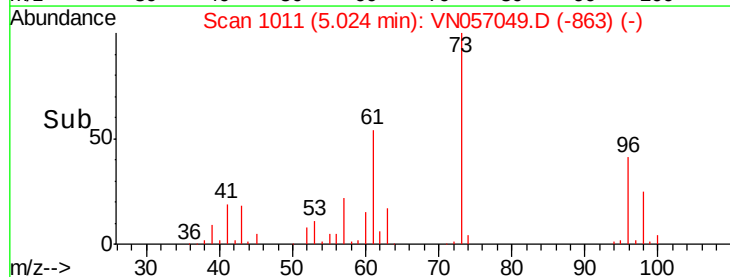
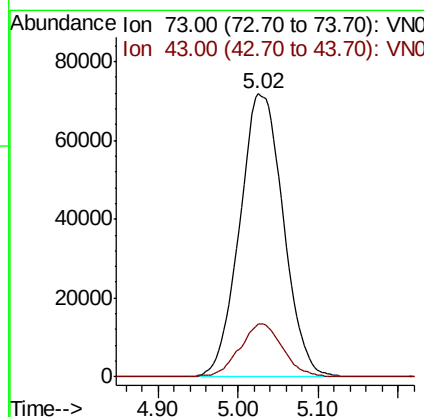
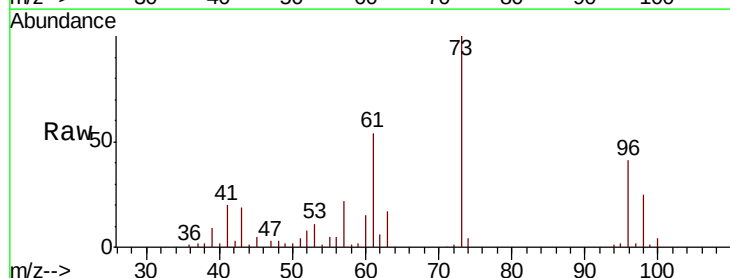
Tot Ion: 59 Resp: 72644
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

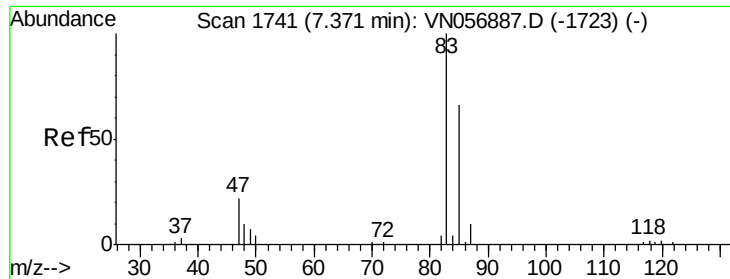


#24

Methyl tert-Butyl Ether
 Concen: 20.048 ug/l
 RT: 5.02 min Scan# 1011
 Delta R.T. -0.03 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Tgt Ion: 73 Resp: 267119
 Ion Ratio Lower Upper
 73 100
 43 18.1 15.4 23.0

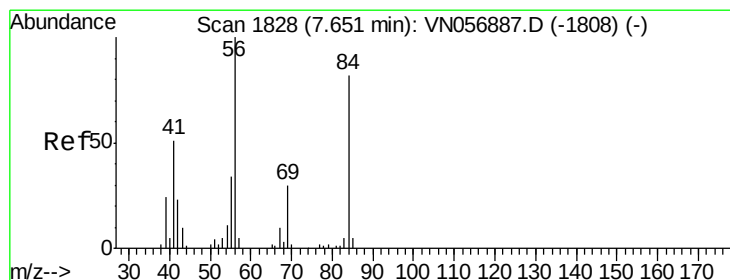
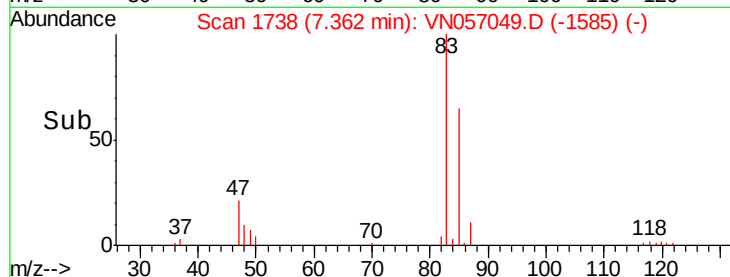
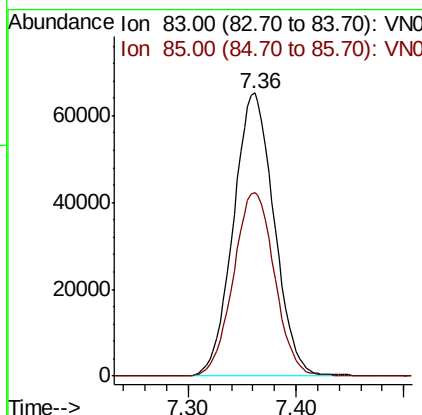
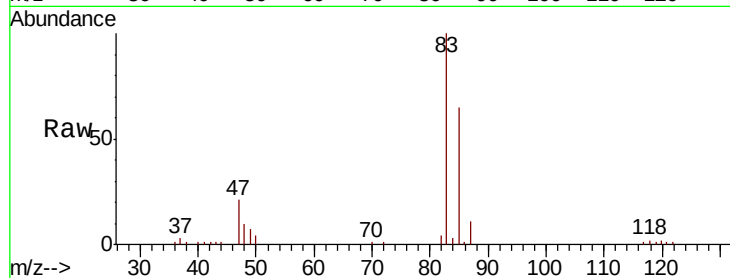




#25
Chloroform
Concen: 20.168 ug/l
RT: 7.36 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

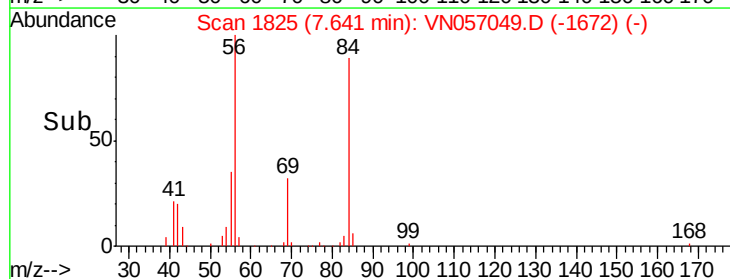
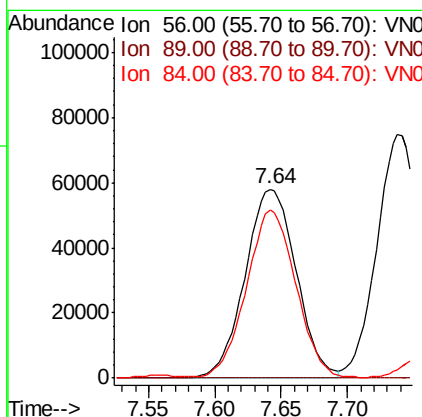
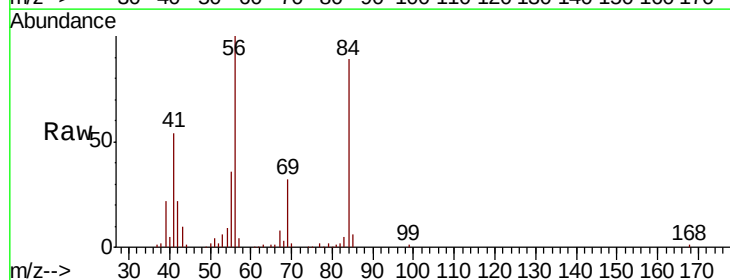
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

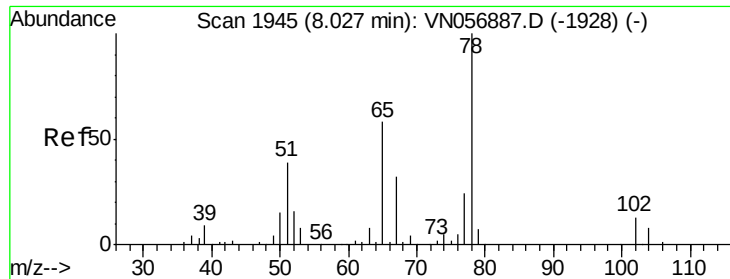
Tot Ion: 83 Resp: 171200
Ion Ratio Lower Upper
83 100
85 64.9 53.1 79.7



#26
Cyclohexane
Concen: 19.528 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.01 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

Tgt Ion: 56 Resp: 156099
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.3 67.8 101.6

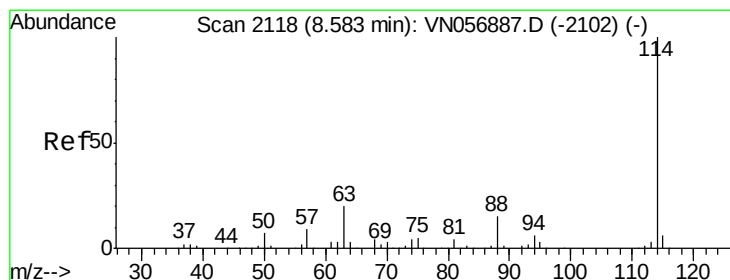
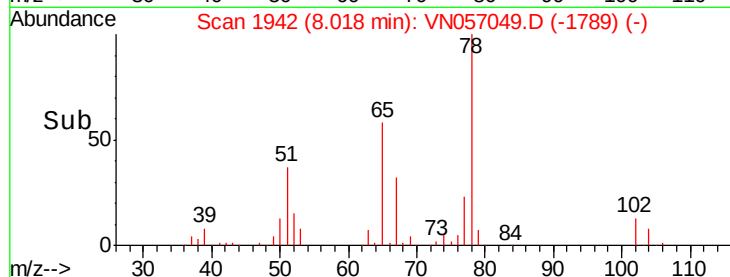
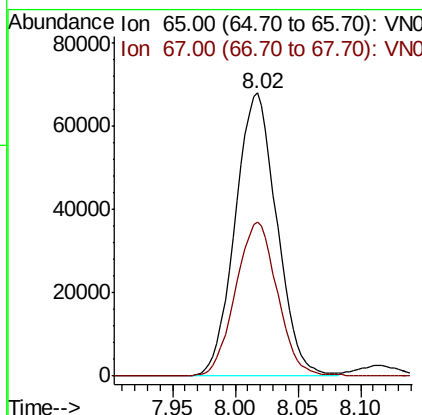
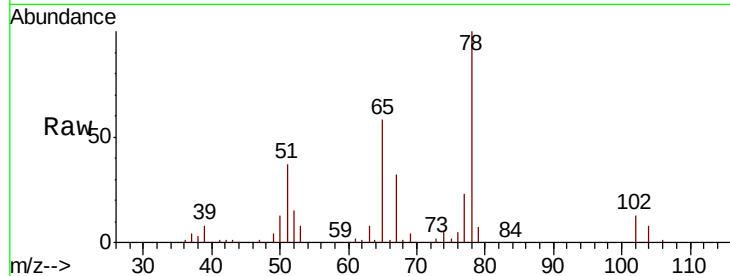




#27
 1,2-Dichloroethane-d4
 Concen: 29.023 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

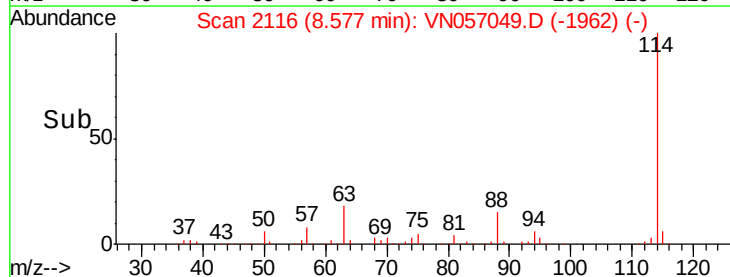
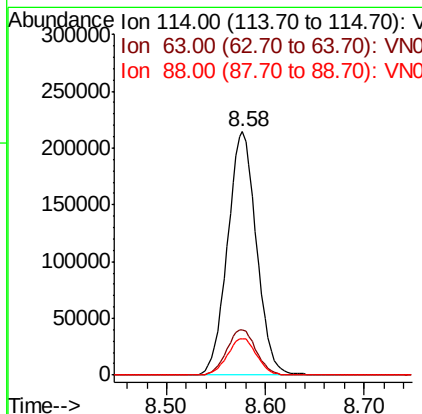
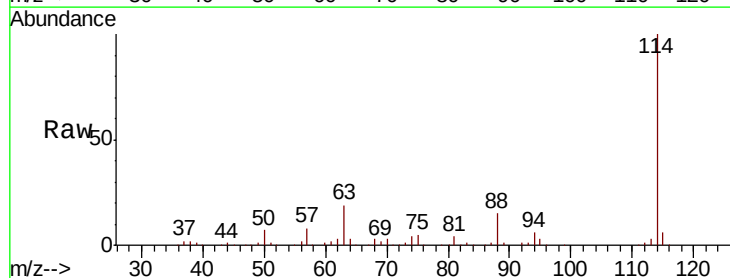
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

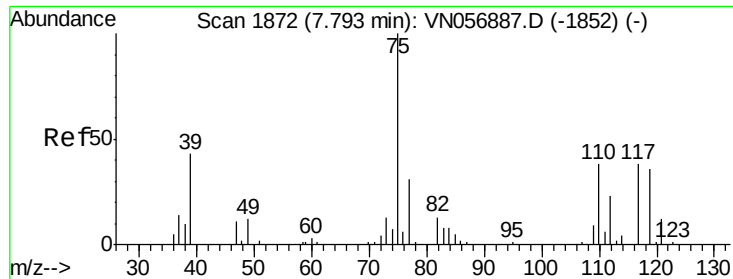
Tot Ion: 65 Resp: 156792
 Ion Ratio Lower Upper
 65 100
 67 54.3 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Tgt Ion: 114 Resp: 438766
 Ion Ratio Lower Upper
 114 100
 63 19.0 15.8 23.6
 88 15.2 12.5 18.7

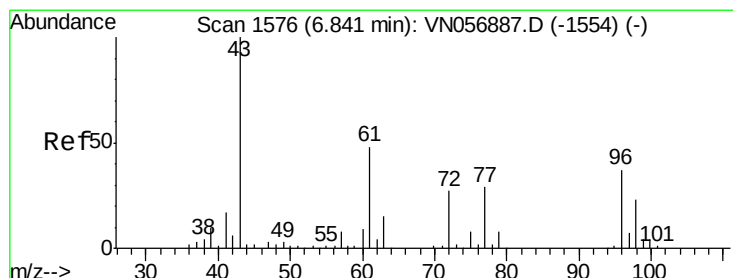
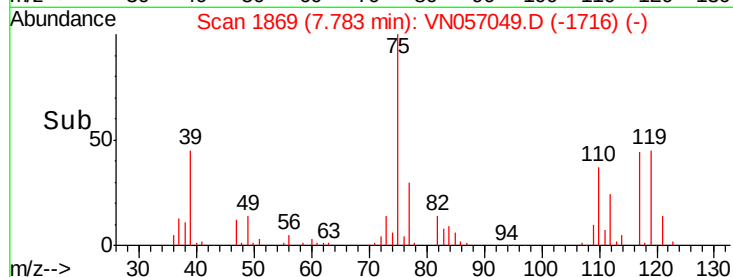
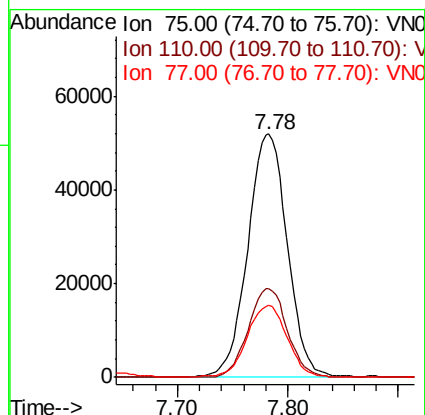
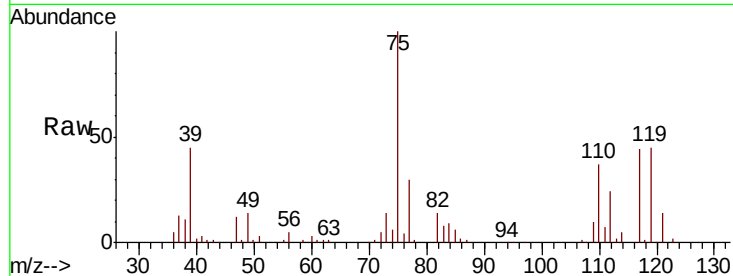




#29
 1,1-Dichloropropene
 Concen: 20.731 ug/l
 RT: 7.78 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

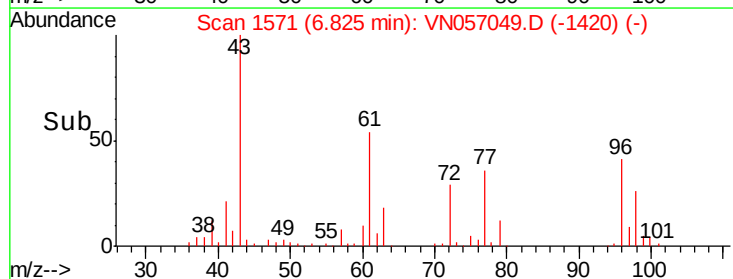
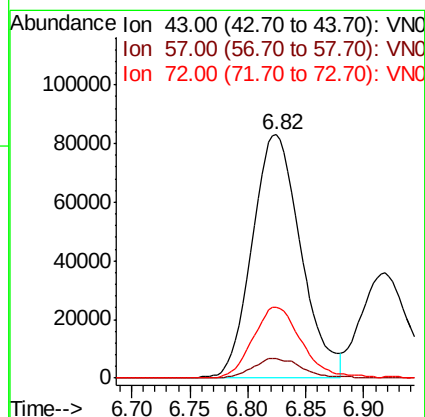
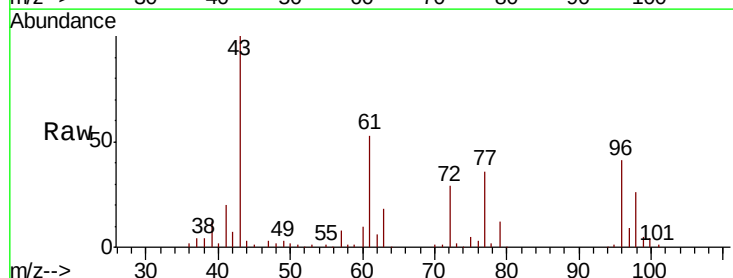
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

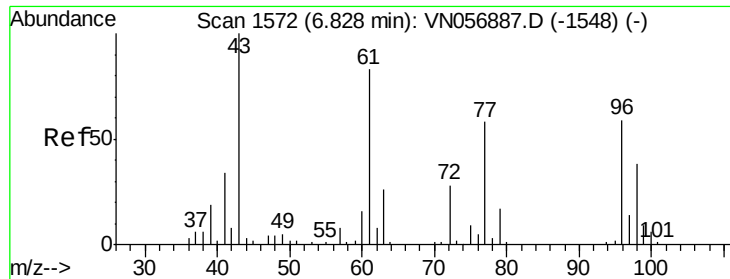
Tot Ion: 75 Resp: 129080
 Ion Ratio Lower Upper
 75 100
 110 35.9 0.0 75.8
 77 29.9 0.0 64.0



#30
 2-Butanone
 Concen: 96.787 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Tgt Ion: 43 Resp: 242119
 Ion Ratio Lower Upper
 43 100
 57 7.9 6.5 9.7
 72 29.2 22.1 33.1

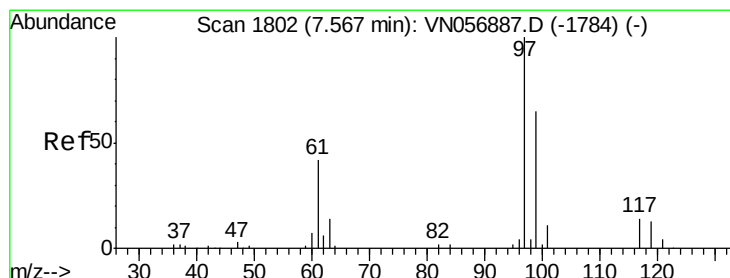
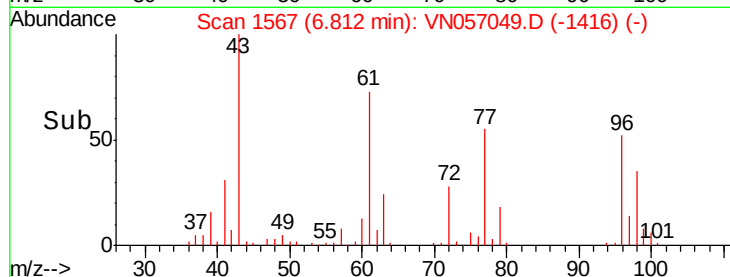
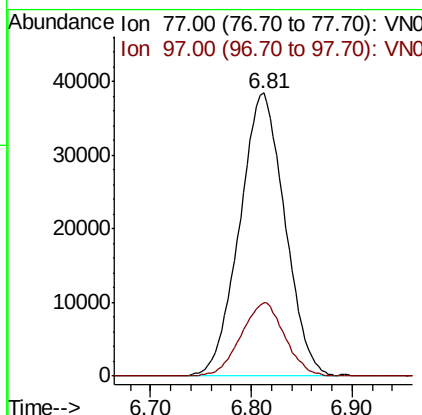
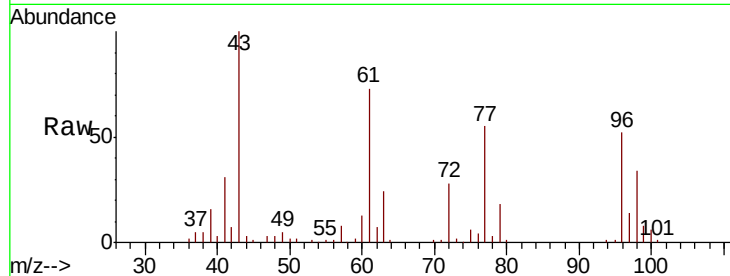




#31
 2,2-Dichloropropane
 Concen: 20.697 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

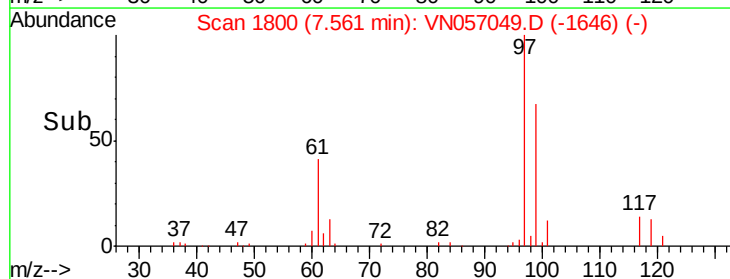
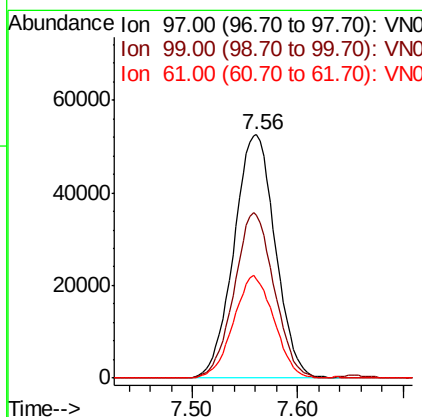
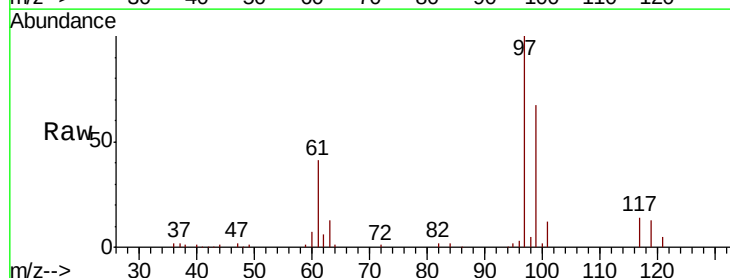
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

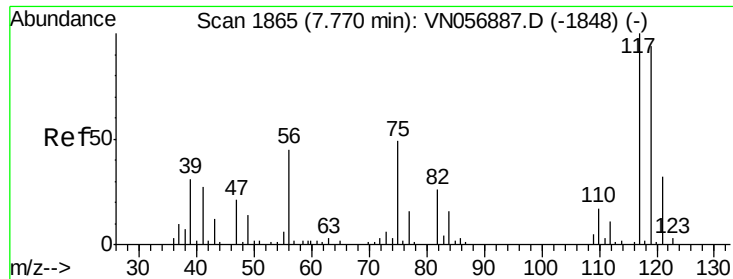
Tot Ion: 77 Resp: 119589
 Ion Ratio Lower Upper
 77 100
 97 25.1 19.3 28.9



#32
 1,1,1-Trichloroethane
 Concen: 20.932 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Tgt Ion: 97 Resp: 143205
 Ion Ratio Lower Upper
 97 100
 99 65.6 52.3 78.5
 61 41.2 34.4 51.6

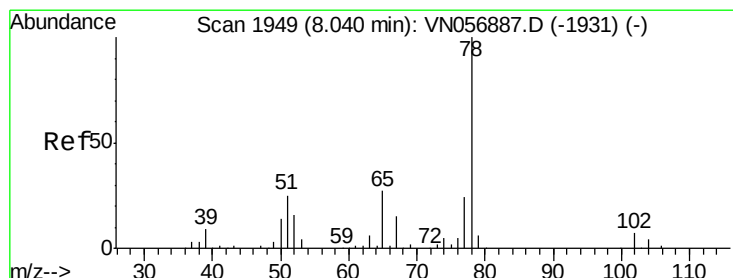
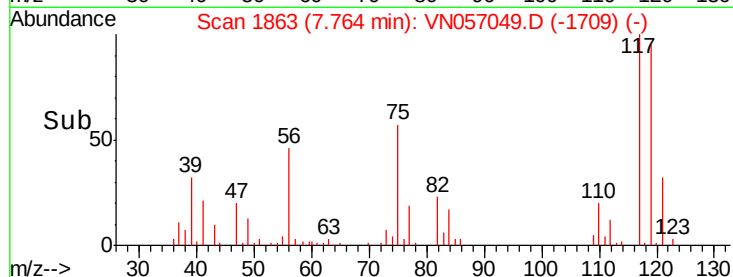
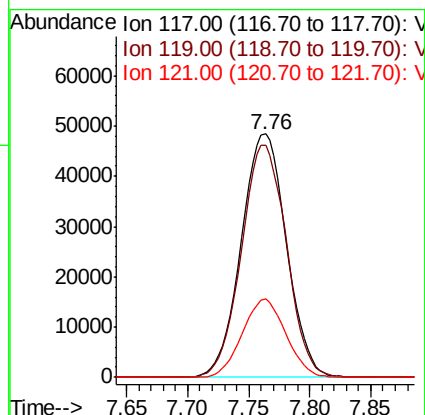
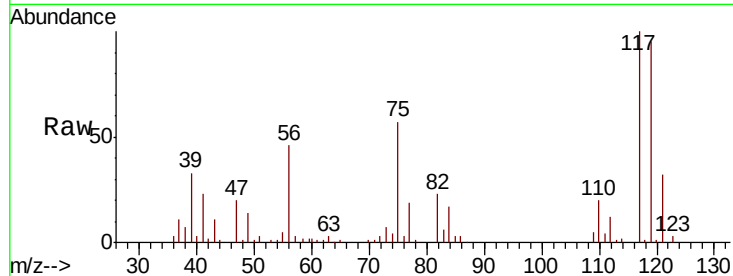




#33
Carbon Tetrachloride
Concen: 20.783 ug/l
RT: 7.76 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

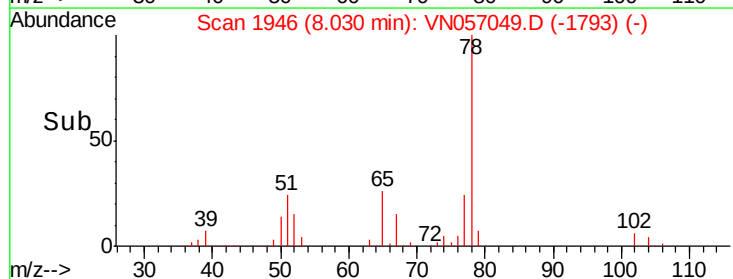
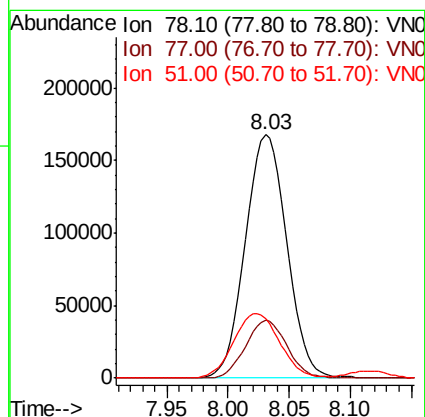
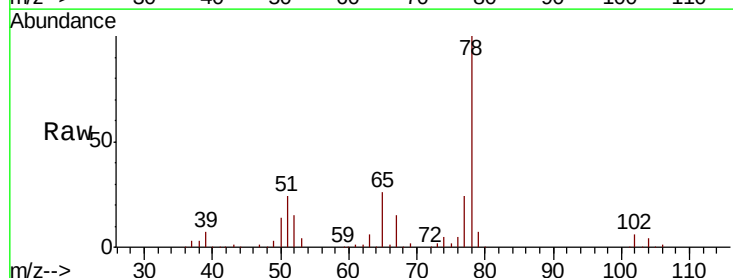
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

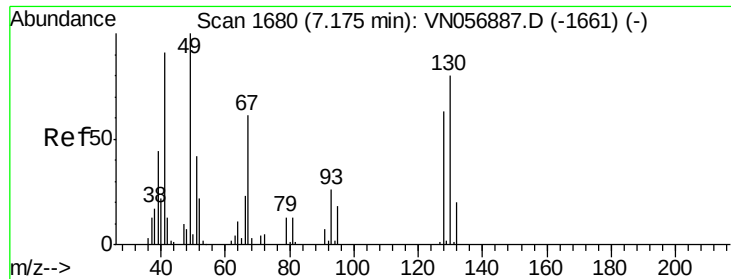
Tot Ion:117 Resp: 124103
Ion Ratio Lower Upper
117 100
119 95.4 75.1 112.7
121 32.0 25.8 38.8



#34
Benzene
Concen: 20.110 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. -0.01 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

Tgt Ion: 78 Resp: 394536
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.2
51 24.4 20.4 30.6

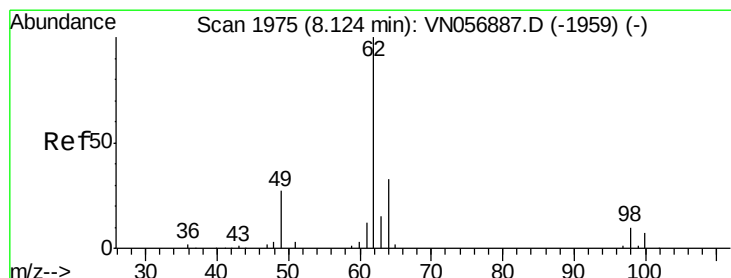
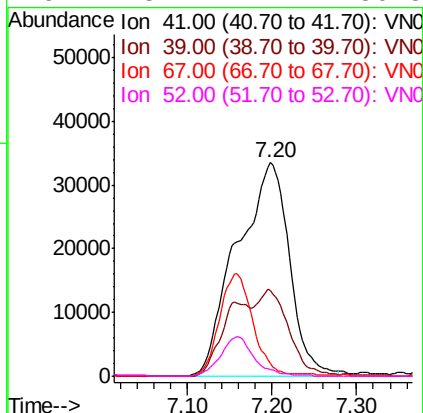
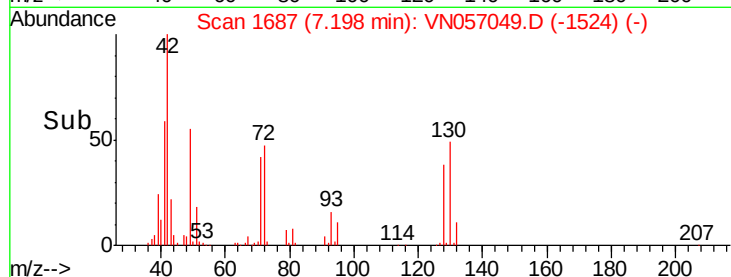
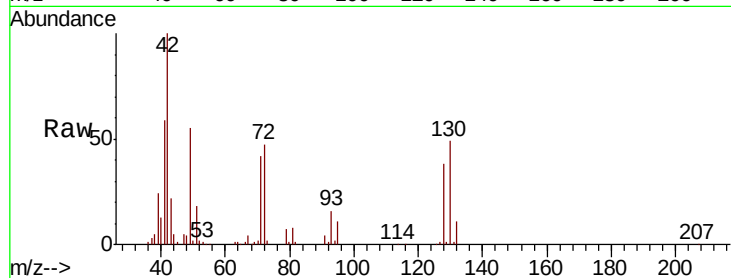




#35
Methacrylonitrile
Concen: 57.895 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.02 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

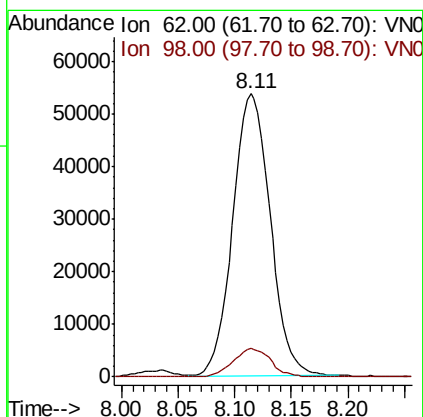
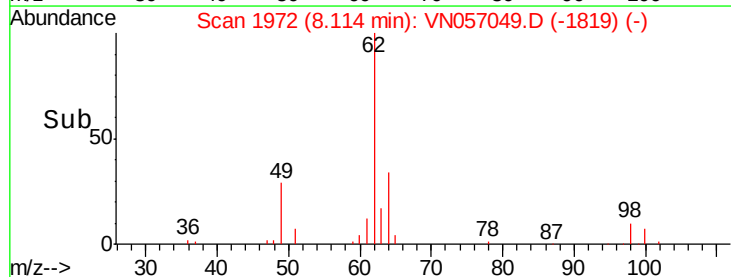
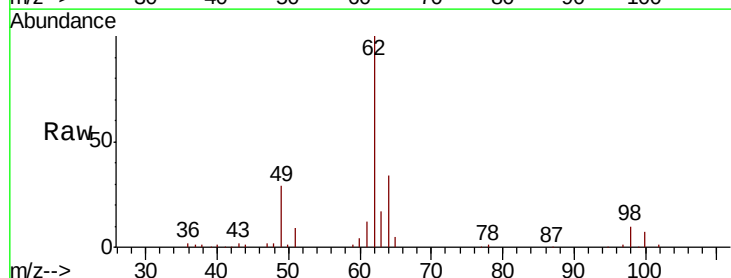
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

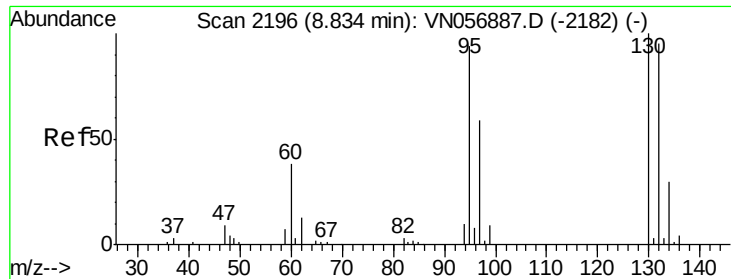
Tot Ion: 41 Resp: 144634
Ion Ratio Lower Upper
41 100
39 40.2 24.4 73.2
67 6.1 33.4 100.1#
52 3.2 12.1 36.3#



#36
1,2-Dichloroethane
Concen: 20.366 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. -0.01 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

Tgt Ion: 62 Resp: 124215
Ion Ratio Lower Upper
62 100
98 10.1 7.7 11.5

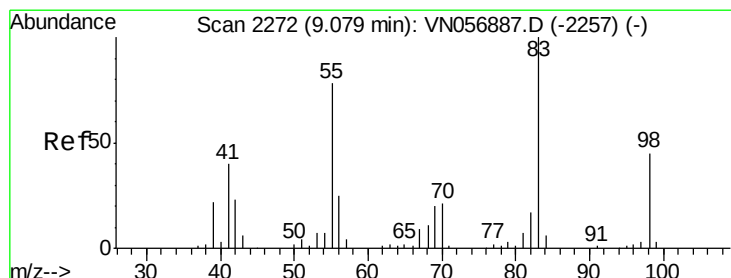
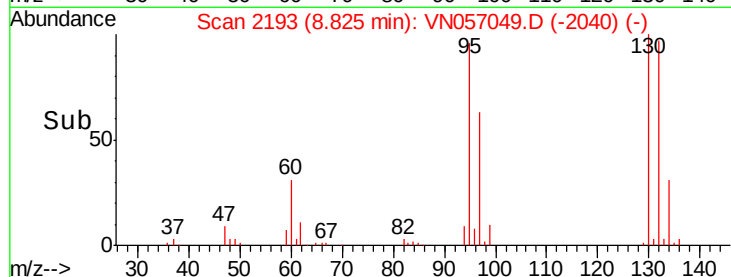
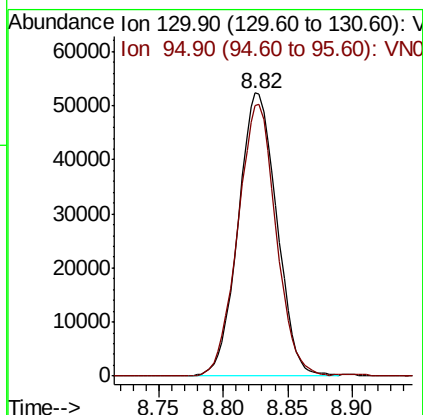
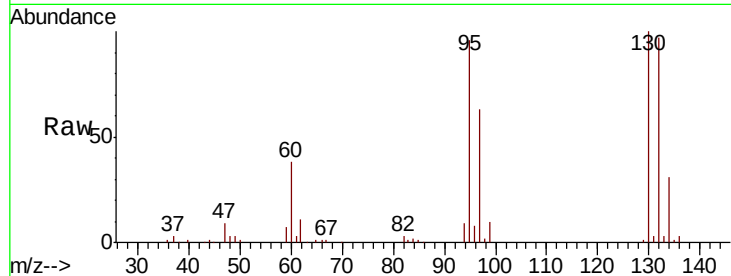




#37
 Trichloroethene
 Concen: 20.731 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

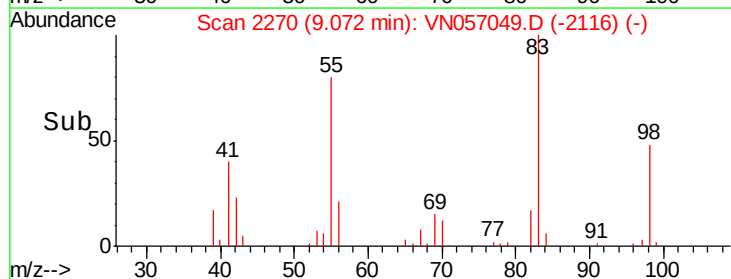
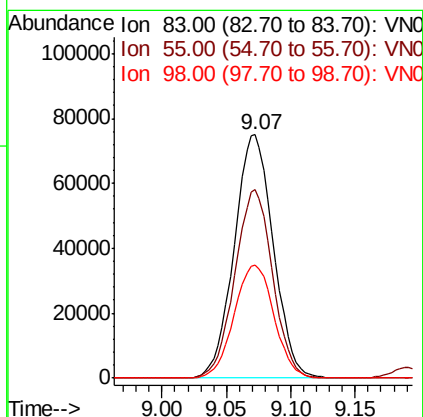
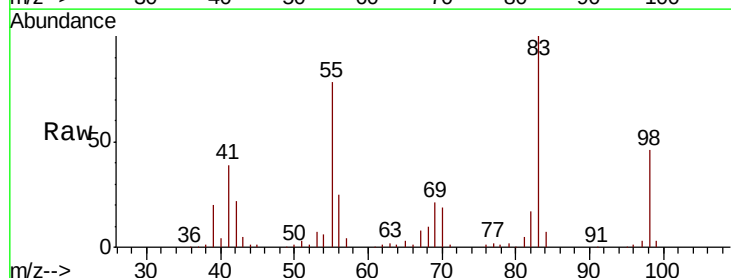
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

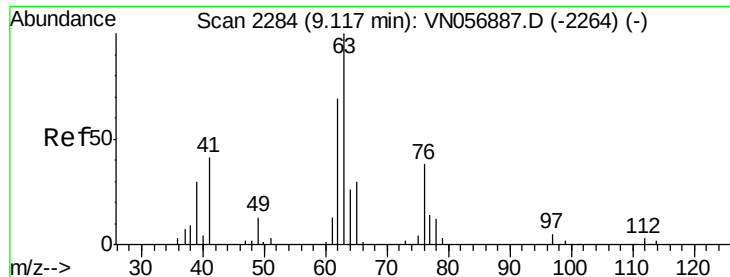
Tot Ion:130 Resp: 109038
 Ion Ratio Lower Upper
 130 100
 95 95.5 74.9 112.3



#38
 Methylcyclohexane
 Concen: 19.951 ug/l
 RT: 9.07 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Tgt Ion: 83 Resp: 158025
 Ion Ratio Lower Upper
 83 100
 55 75.0 38.4 115.1
 98 47.5 22.7 68.0

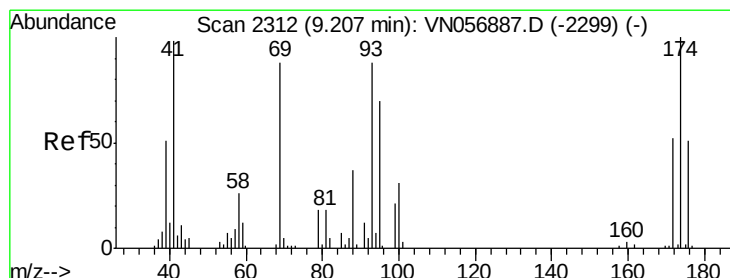
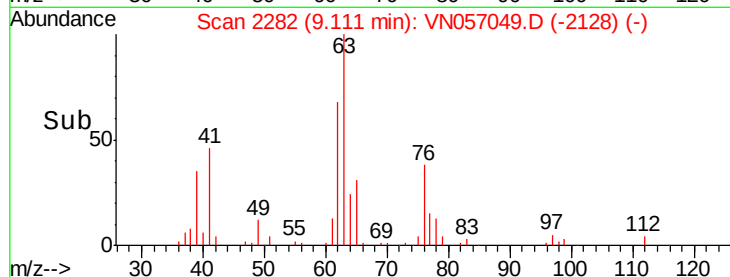
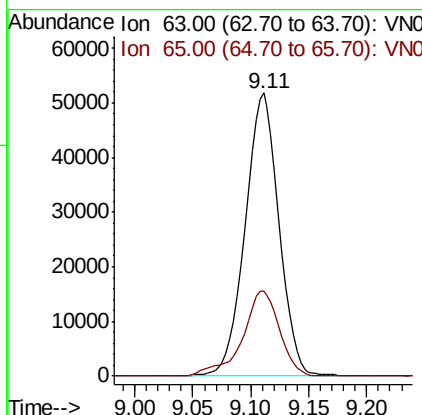
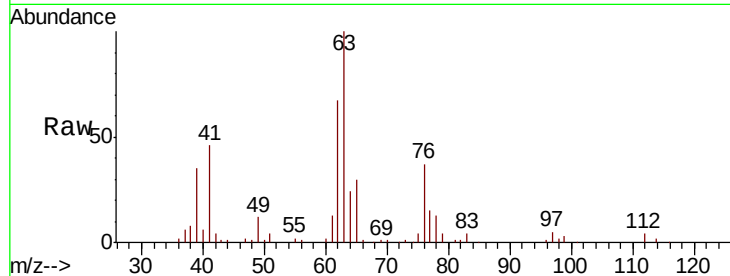




#39
 1,2-Dichloropropane
 Concen: 20.109 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

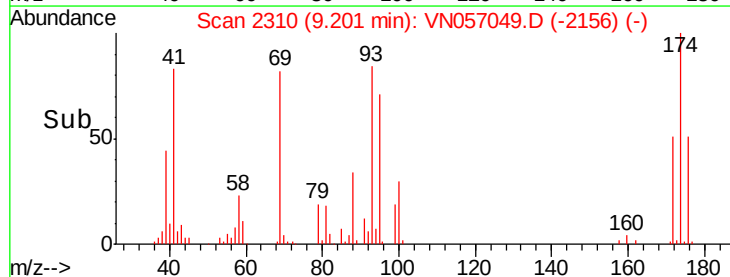
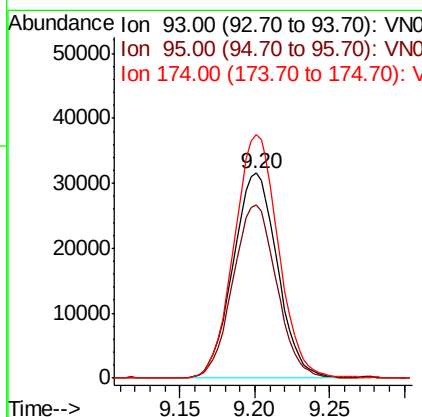
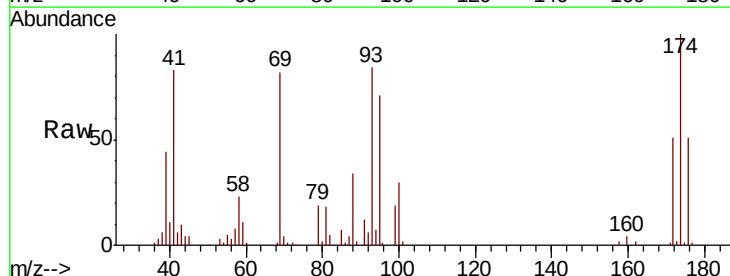
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

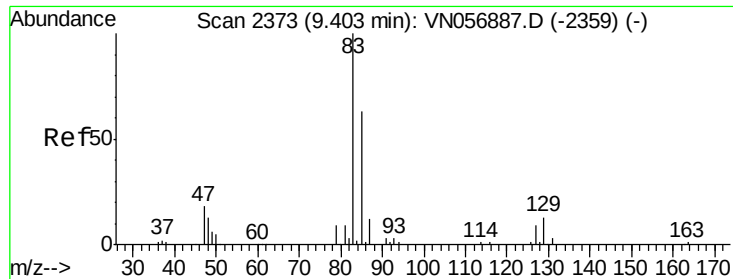
Tot Ion: 63 Resp: 105307
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.6 36.8



#40
 Dibromomethane
 Concen: 20.275 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Tgt Ion: 93 Resp: 65136
 Ion Ratio Lower Upper
 93 100
 95 83.4 0.0 165.8
 174 118.6 0.0 232.4

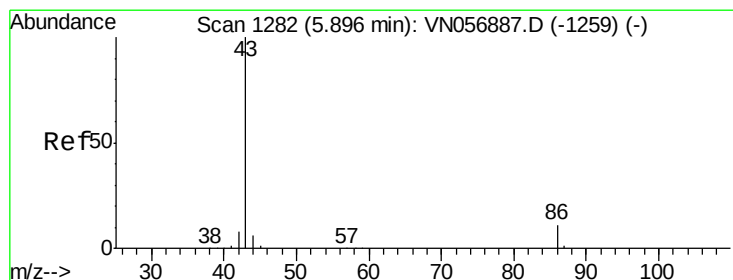
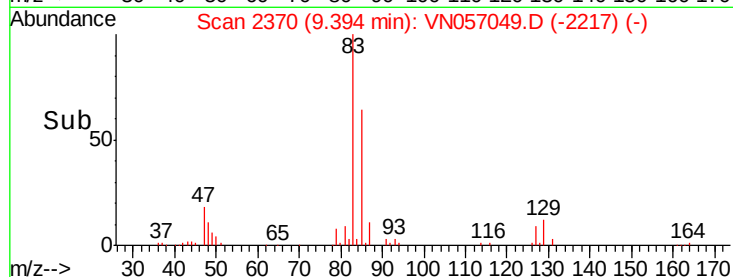
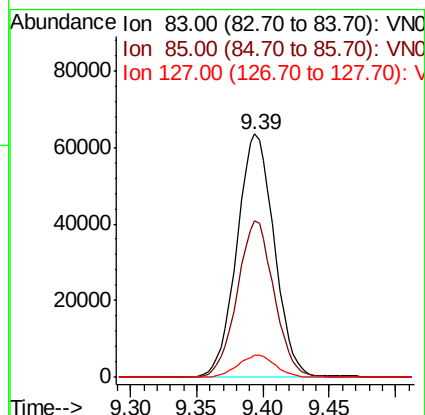
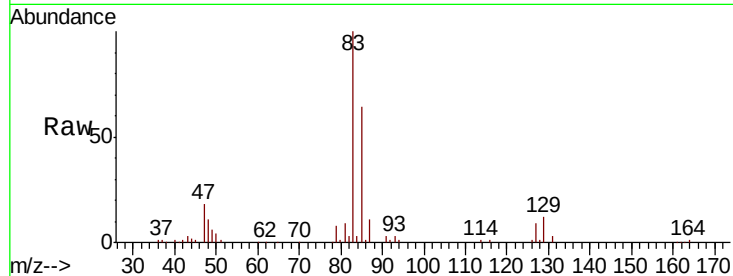




#41
Bromodichloromethane
Concen: 20.118 ug/l
RT: 9.39 min Scan# 2370
Delta R.T. -0.01 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

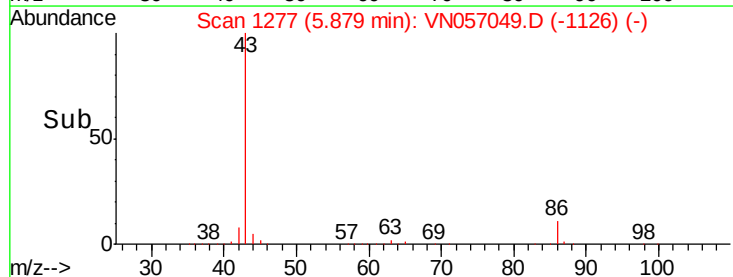
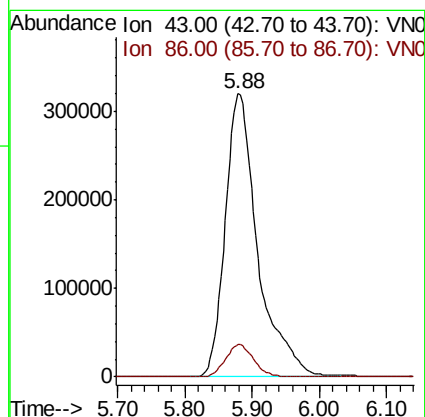
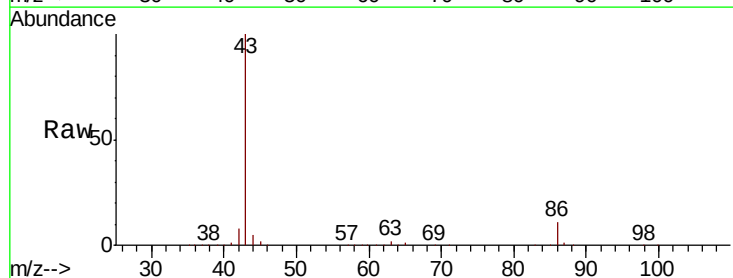
Instrument :
MSVOA_N
ClientSampleId :
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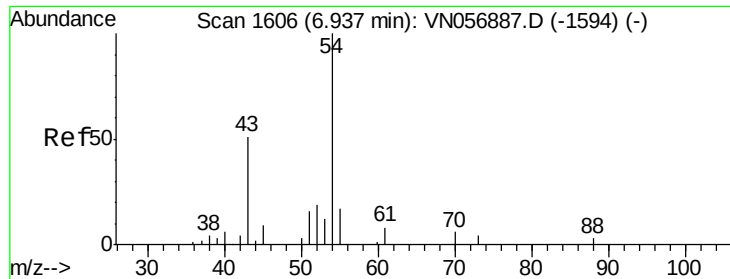
Tot Ion: 83 Resp: 124194
Ion Ratio Lower Upper
83 100
85 64.1 50.6 75.8
127 9.0 7.2 10.8



#42
Vinyl Acetate
Concen: 96.646 ug/l
RT: 5.88 min Scan# 1277
Delta R.T. -0.02 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

Tgt Ion: 43 Resp: 1076676
Ion Ratio Lower Upper
43 100
86 9.9 7.4 11.2

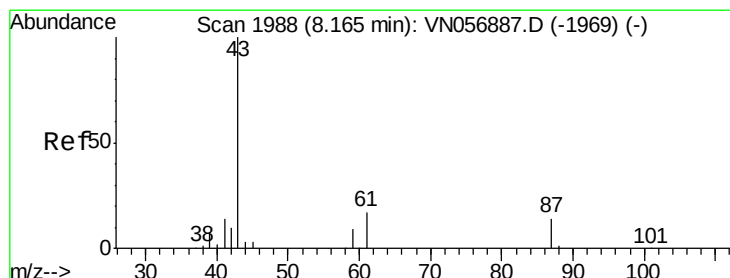
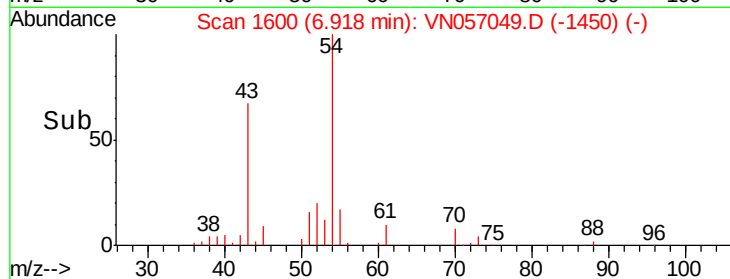
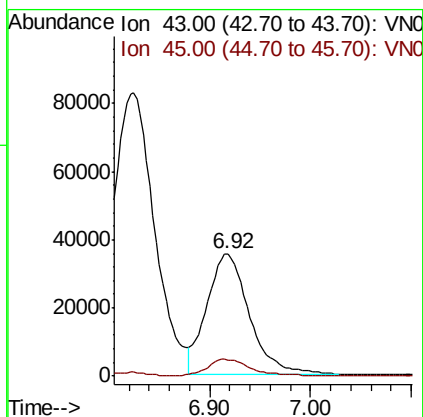
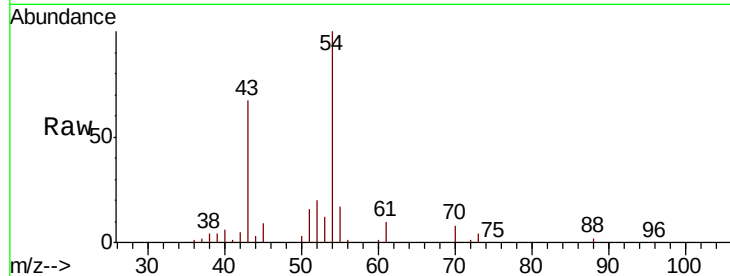




#43
Ethyl Acetate
Concen: 20.207 ug/l
RT: 6.92 min Scan# 1600
Delta R.T. -0.02 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

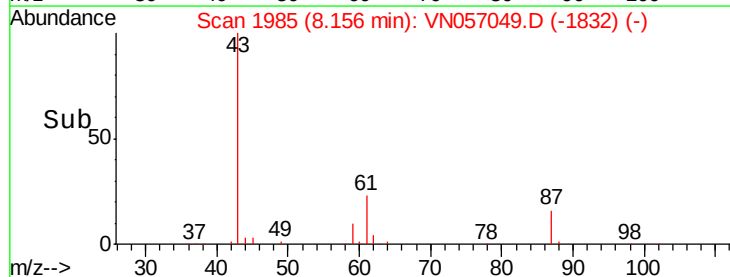
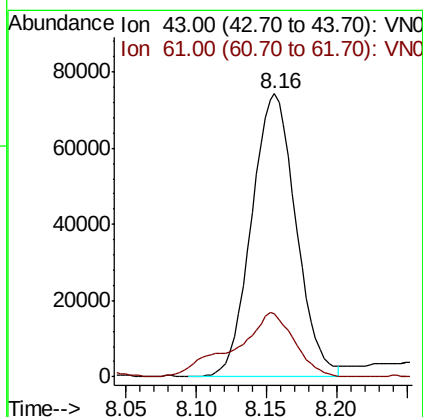
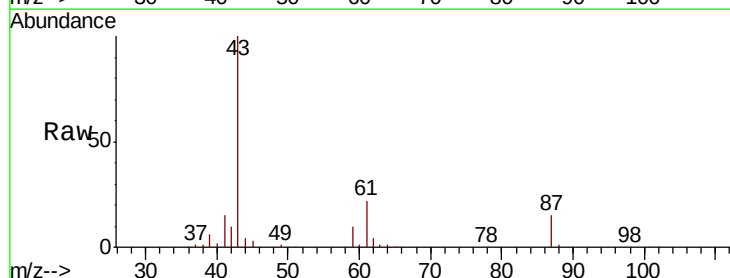
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

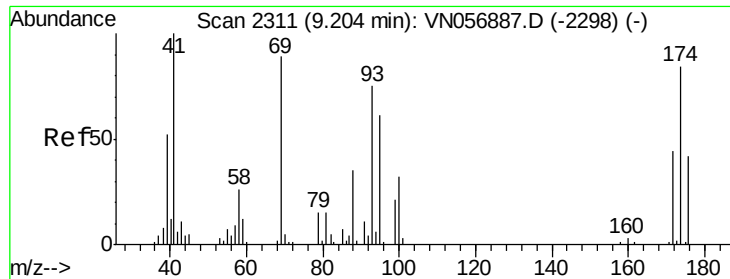
Tot Ion: 43 Resp: 103628
Ion Ratio Lower Upper
43 100
45 14.5 10.2 15.2



#44
Isopropyl Acetate
Concen: 19.164 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. -0.01 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

Tgt Ion: 43 Resp: 163814
Ion Ratio Lower Upper
43 100
61 22.0 23.0 34.4#

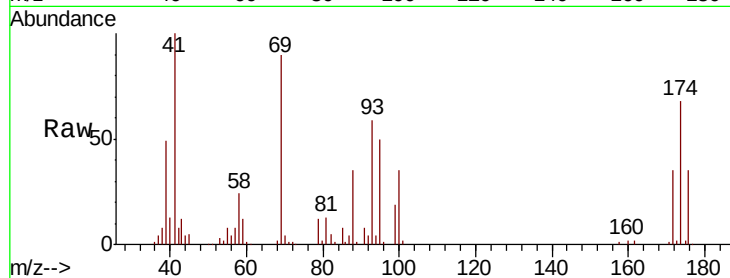




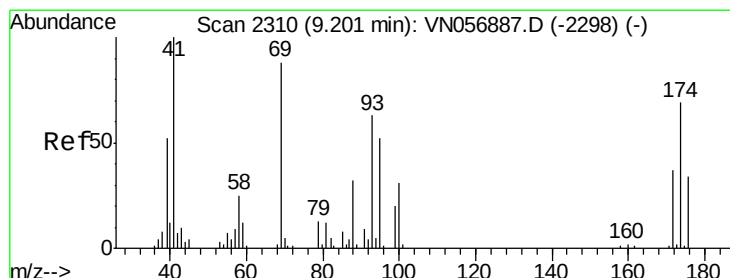
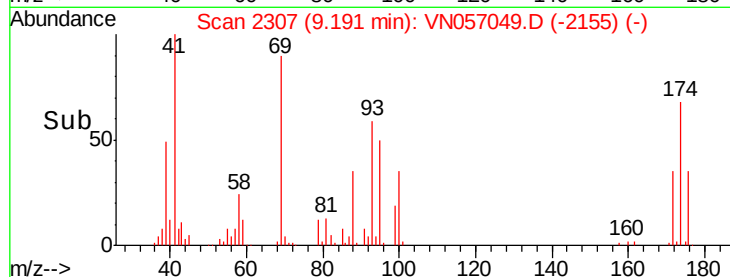
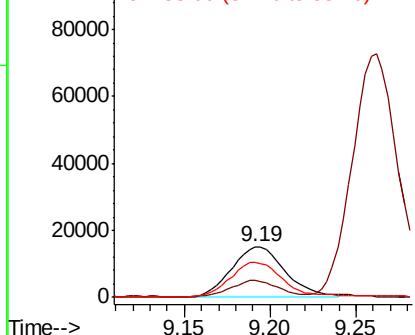
#45
 1,4-Dioxane
 Concen: 405.030 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.01 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 88 Resp: 32961
 Ion Ratio Lower Upper
 88 100
 43 27.1 23.4 35.0
 58 68.3 58.5 87.7

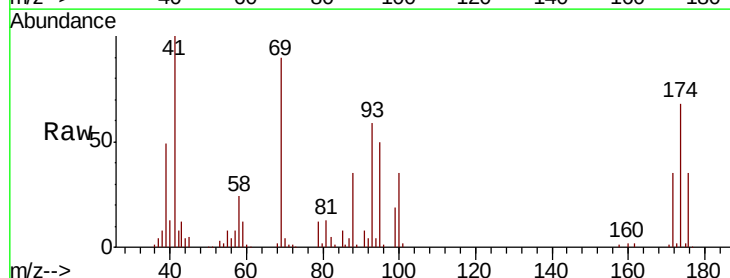


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

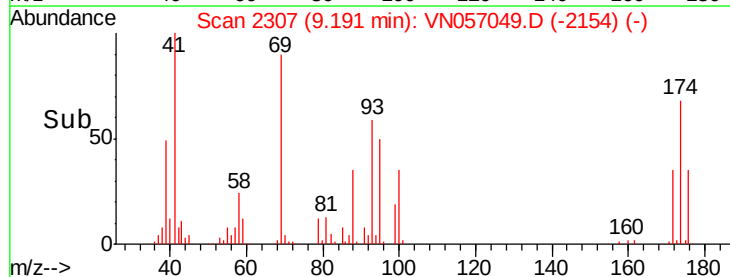
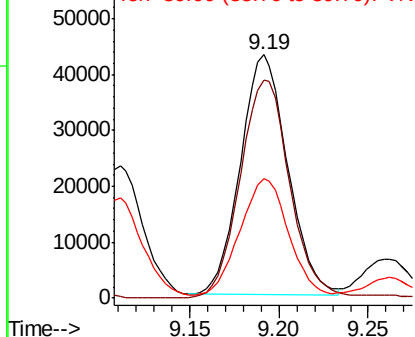


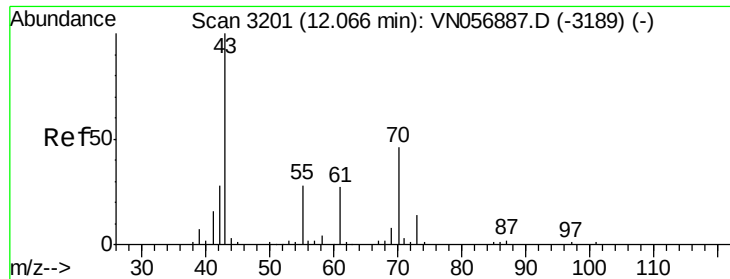
#46
 Methyl methacrylate
 Concen: 18.655 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.01 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Tgt Ion: 41 Resp: 79555
 Ion Ratio Lower Upper
 41 100
 69 91.1 44.0 132.0
 39 48.3 25.8 77.4



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





#47

n-amvl Acetate

Concen: 18.255 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

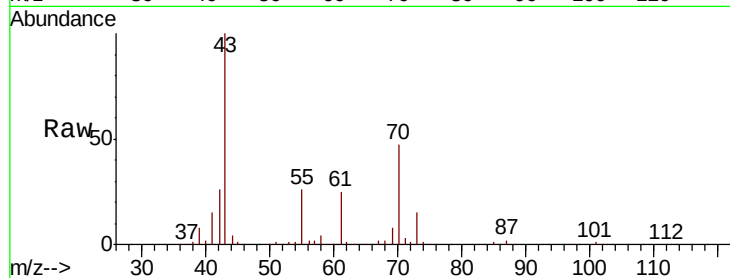
VSTDCCC020EC

Tot Ion: 43 Resp: 124920

Ion Ratio Lower Upper

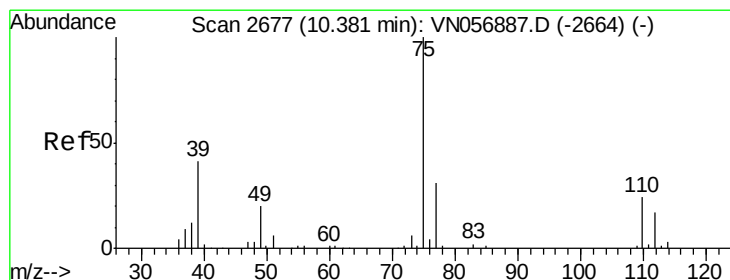
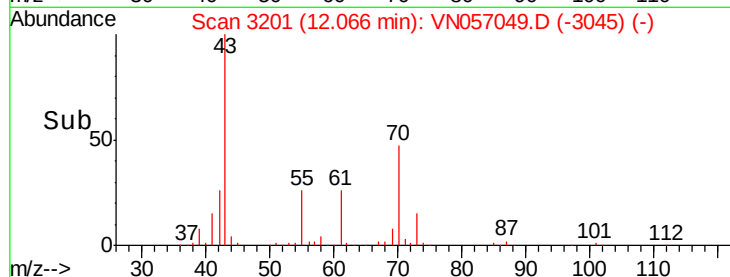
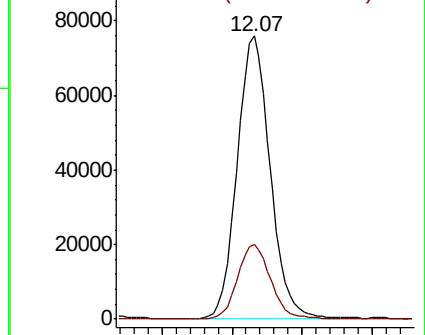
43 100

55 26.2 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 19.769 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.01 min

Lab File: VN057049.D

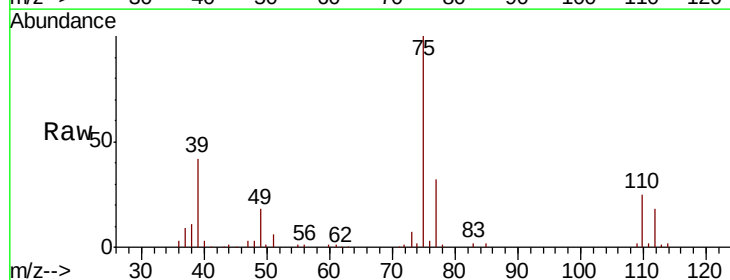
Acq: 1 Aug 2019 19:50

Tgt Ion: 75 Resp: 126992

Ion Ratio Lower Upper

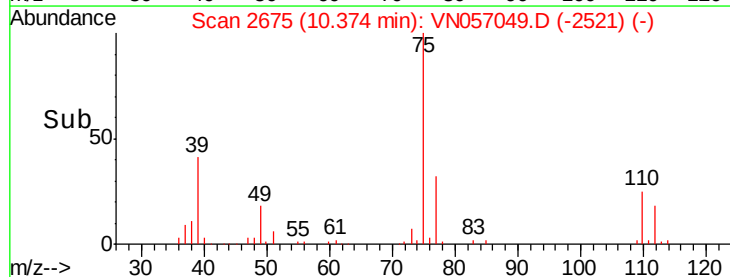
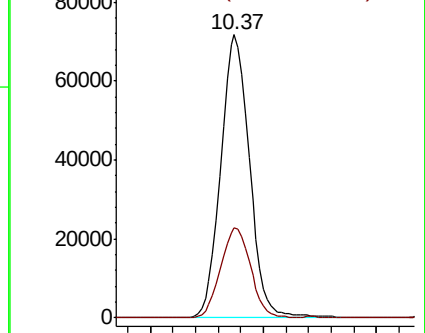
75 100

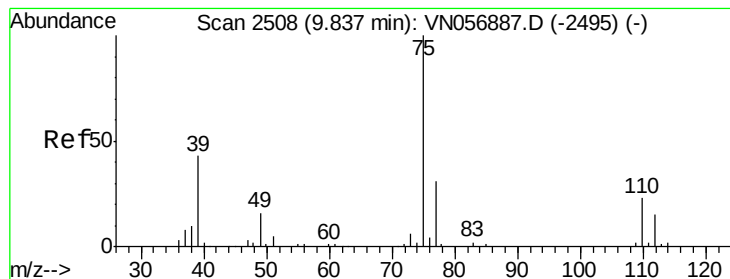
77 31.8 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



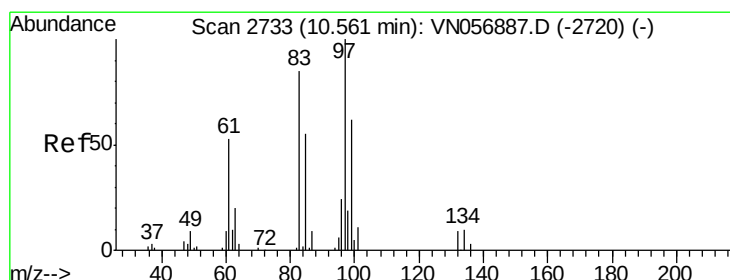
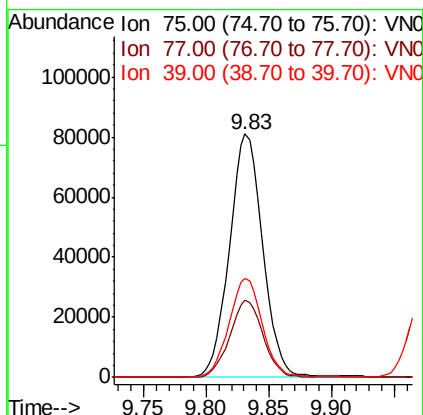
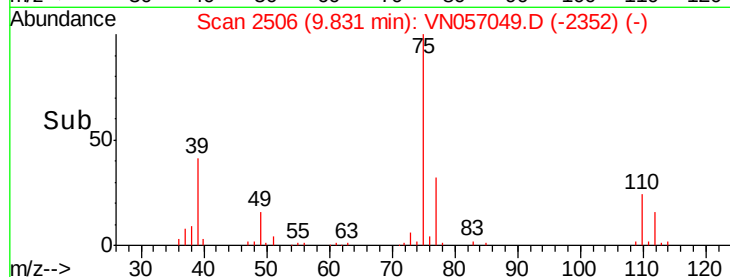
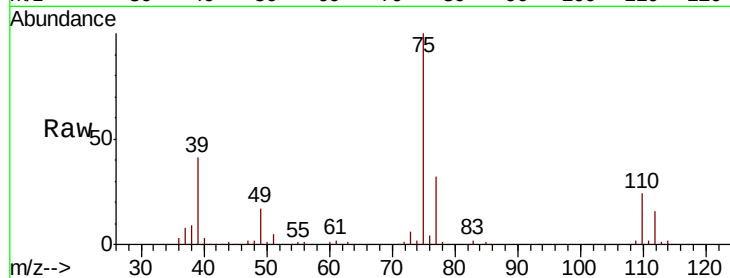


#49

cis-1,3-Dichloropropene
 Concen: 19.958 ug/l
 RT: 9.83 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

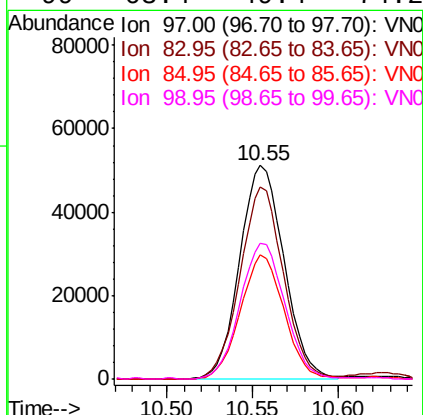
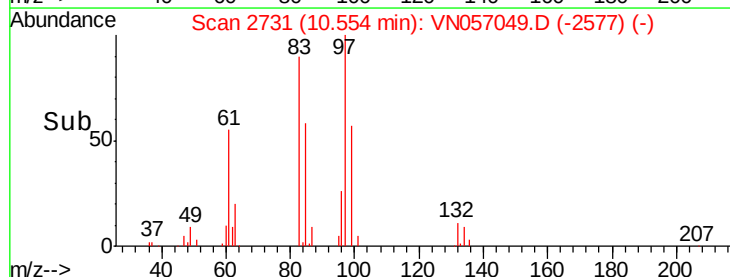
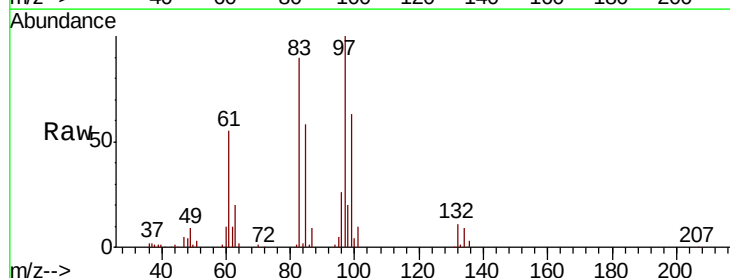
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.4	36.6
39	40.8	34.2	51.4

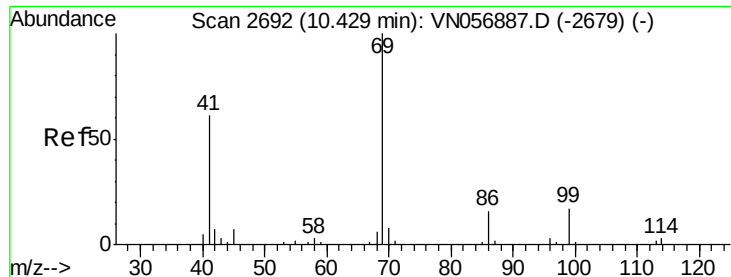


#50

1,1,2-Trichloroethane
 Concen: 19.952 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.01 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.1	68.4	102.6
85	58.2	44.3	66.5
99	63.4	49.4	74.2

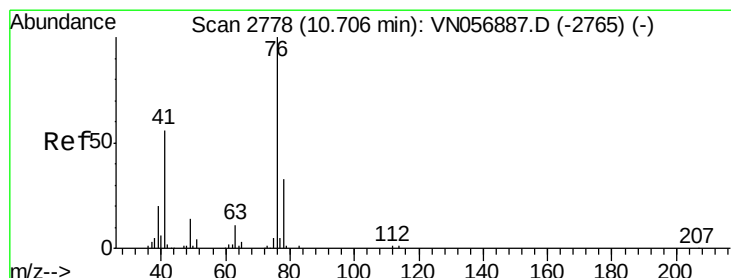
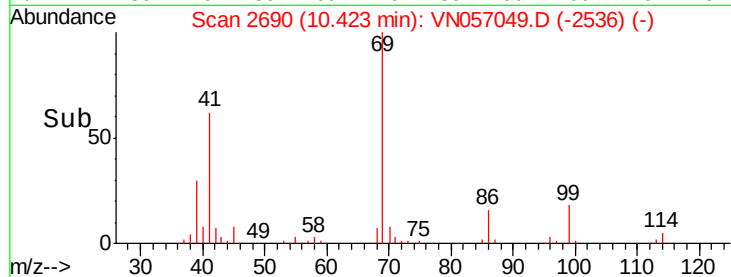
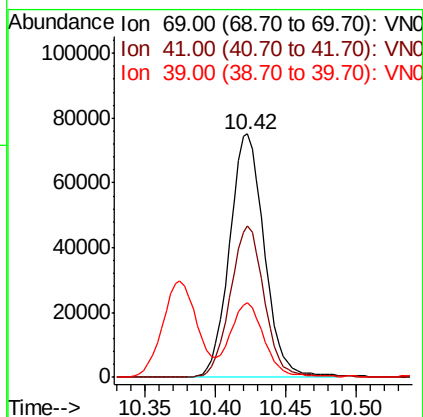
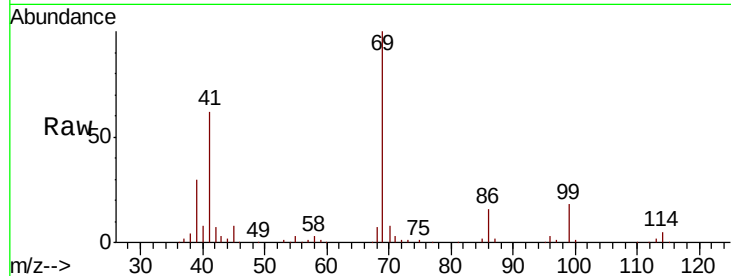




#51
Ethyl methacrylate
Concen: 19.444 ug/l
RT: 10.42 min Scan# 2690
Delta R.T. -0.01 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

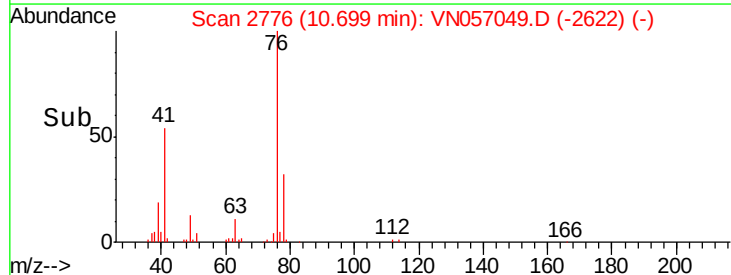
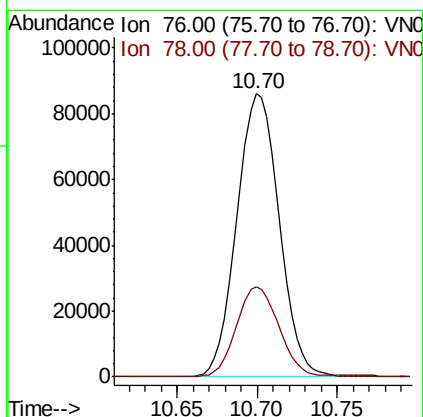
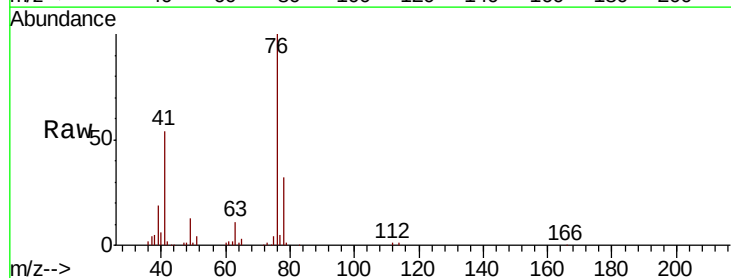
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

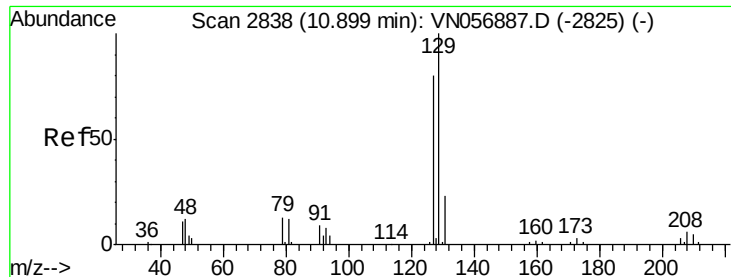
Tot Ion: 69 Resp: 129721
Ion Ratio Lower Upper
69 100
41 61.8 30.4 91.3
39 30.1 14.2 42.6



#52
1,3-Dichloropropane
Concen: 20.058 ug/l
RT: 10.70 min Scan# 2776
Delta R.T. -0.01 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

Tgt Ion: 76 Resp: 156138
Ion Ratio Lower Upper
76 100
78 31.9 0.0 64.2





#53

Dibromochloromethane

Concen: 20.518 ug/l

RT: 10.90 min Scan# 2837

Delta R.T. -0.00 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

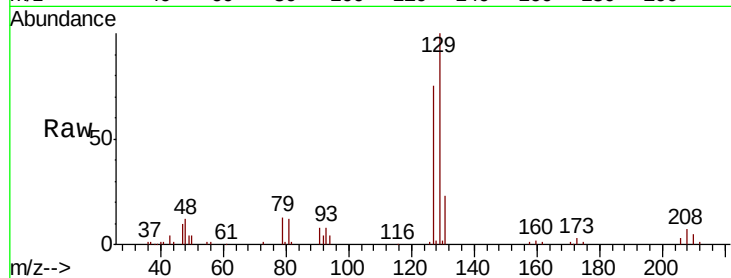
VSTDCCC020EC

Tot Ion:129 Resp: 98373

Ion Ratio Lower Upper

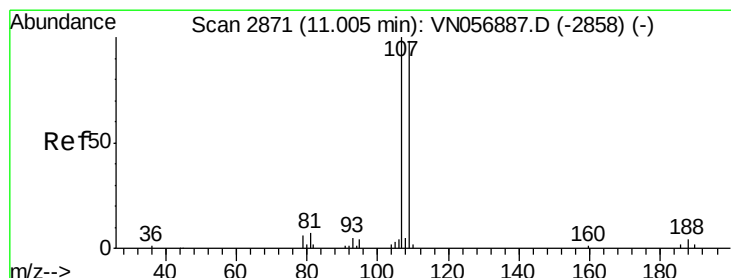
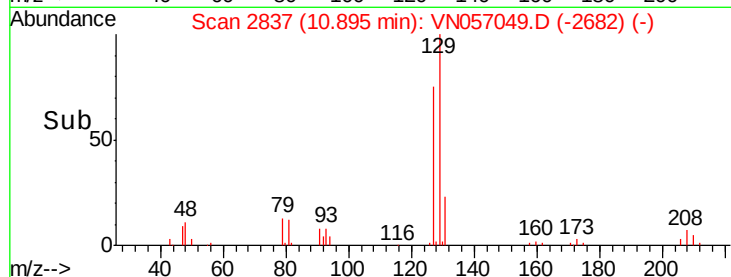
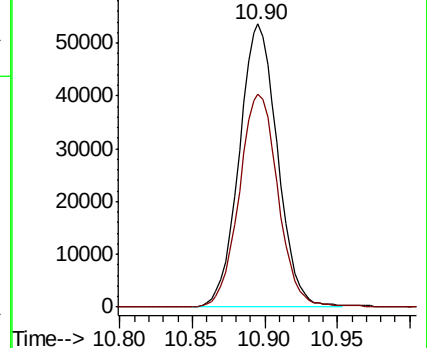
129 100

127 76.4 38.8 116.4



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.570 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. -0.01 min

Lab File: VN057049.D

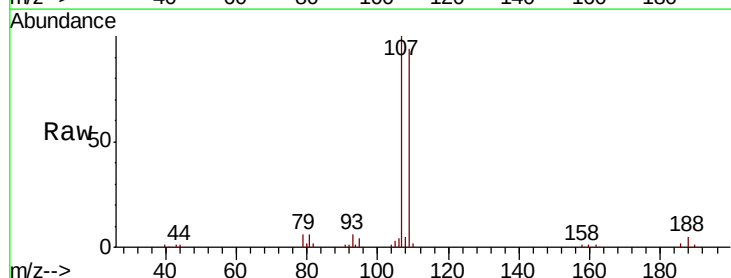
Acq: 1 Aug 2019 19:50

Tgt Ion:107 Resp: 96793

Ion Ratio Lower Upper

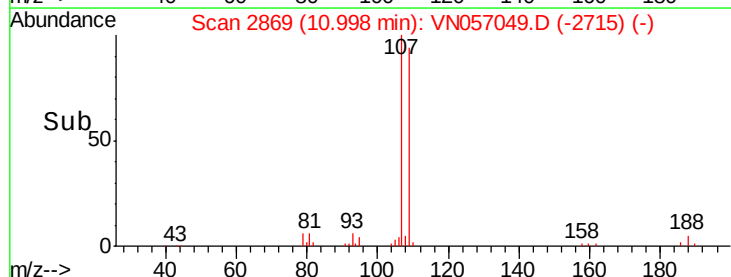
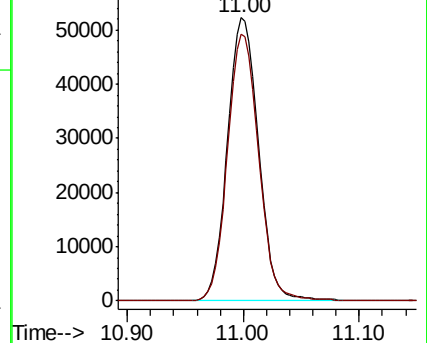
107 100

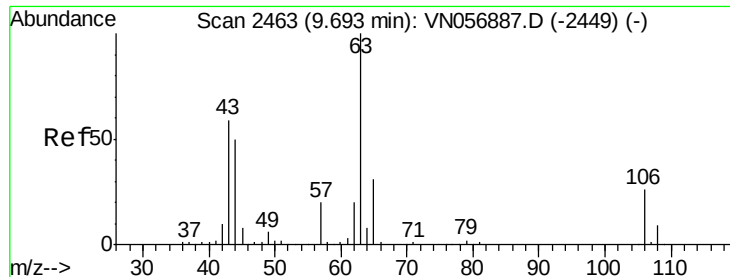
109 94.6 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

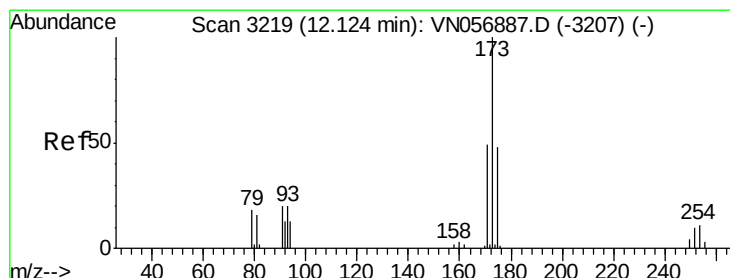
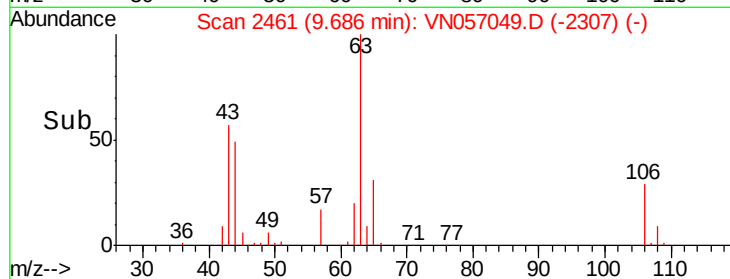
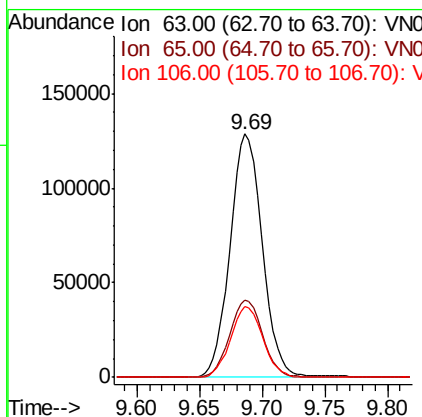
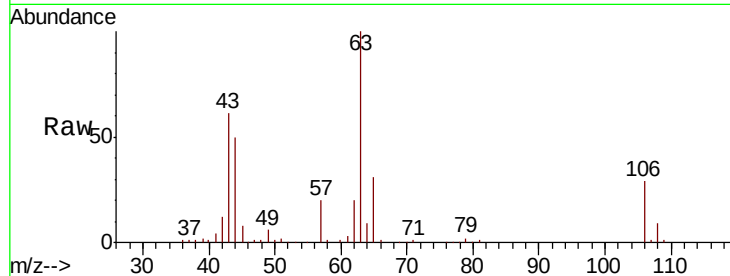




#55
2-Chloroethyl vinyl ether
Concen: 79.999 ug/l
RT: 9.69 min Scan# 2461
Delta R.T. -0.01 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

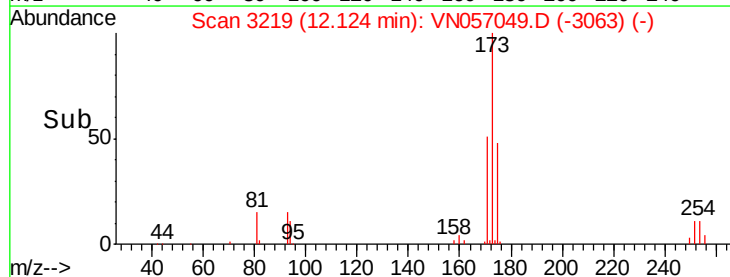
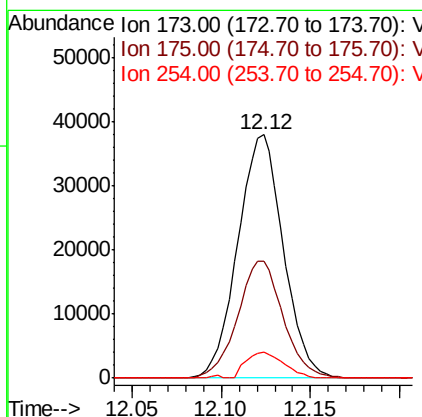
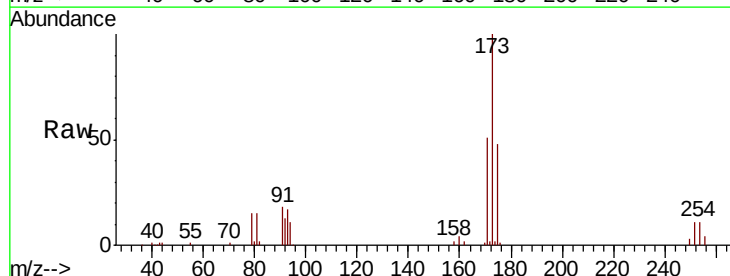
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

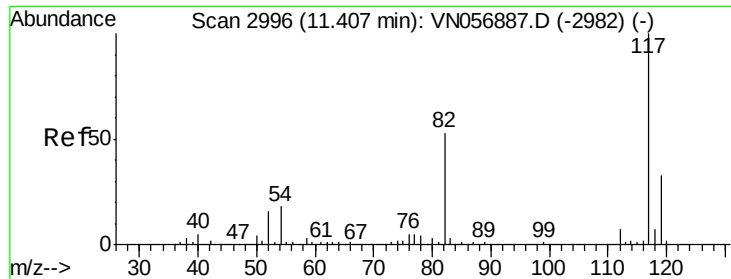
Tot Ion: 63 Resp: 231147
Ion Ratio Lower Upper
63 100
65 32.3 25.1 37.7
106 29.1 21.5 32.3



#56
Bromoform
Concen: 20.392 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

Tgt Ion:173 Resp: 67645
Ion Ratio Lower Upper
173 100
175 48.0 38.8 58.2
254 8.9 8.1 12.1

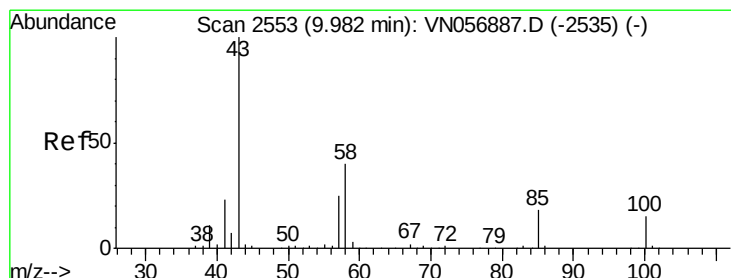
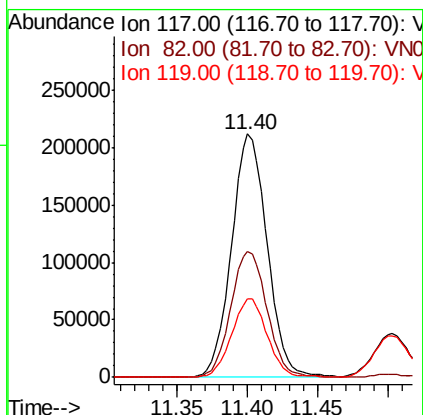
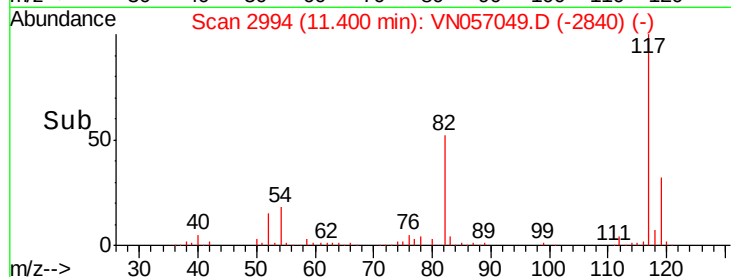
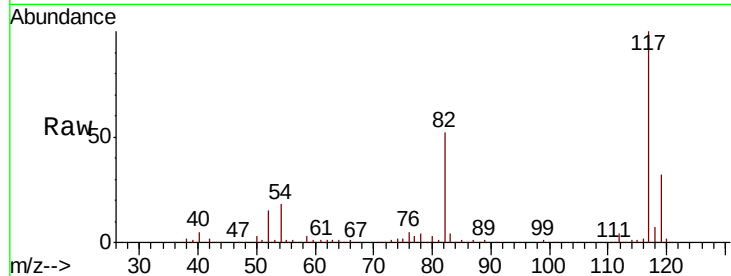




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.01 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

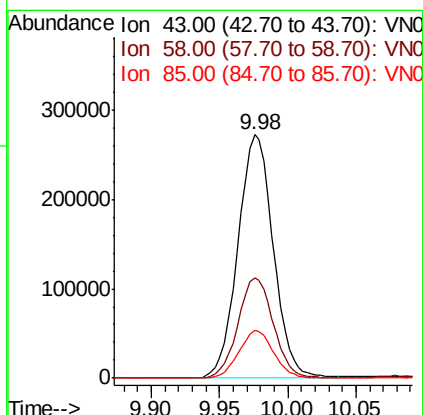
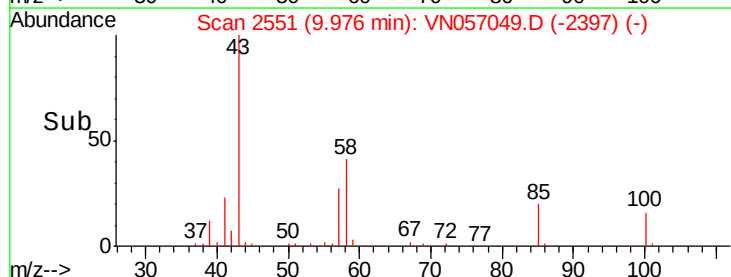
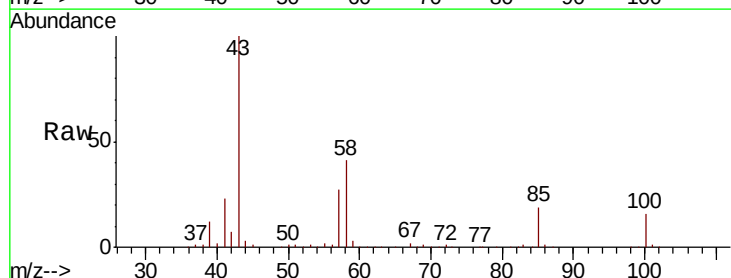
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

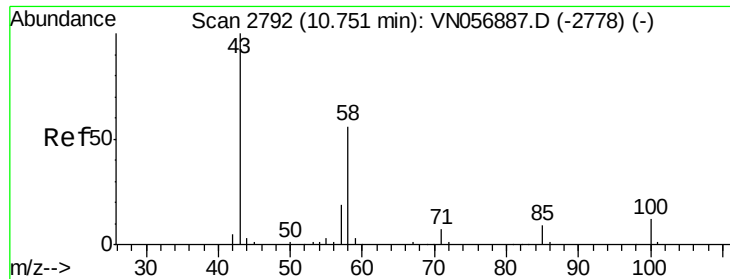
Tot Ion:117 Resp: 375392
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.2 26.2 39.2



#58
4-Methyl-2-Pentanone
Concen: 97.506 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. -0.01 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

Tgt Ion: 43 Resp: 491197
Ion Ratio Lower Upper
43 100
58 41.3 31.7 47.5
85 19.3 14.5 21.7





#59

2-Hexanone

Concen: 98.964 ug/l

RT: 10.74 min Scan# 2790

Delta R.T. -0.01 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

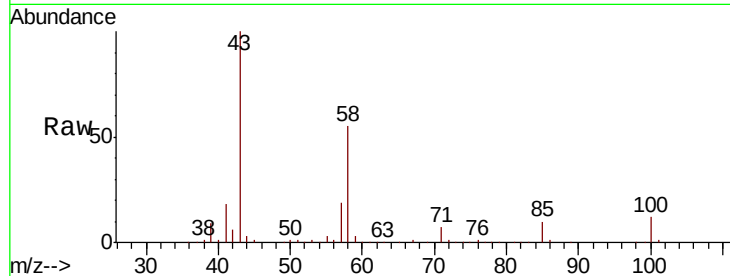
Tot Ion: 43 Resp: 339715

Ion Ratio Lower Upper

43 100

58 56.8 45.0 67.4

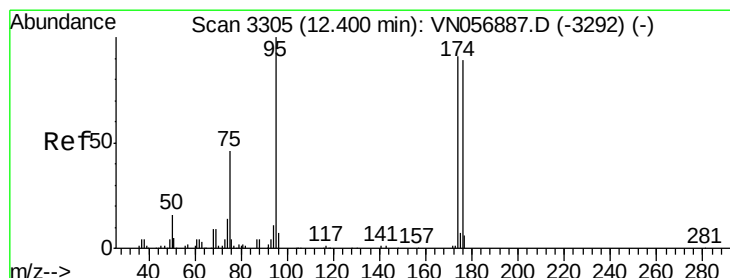
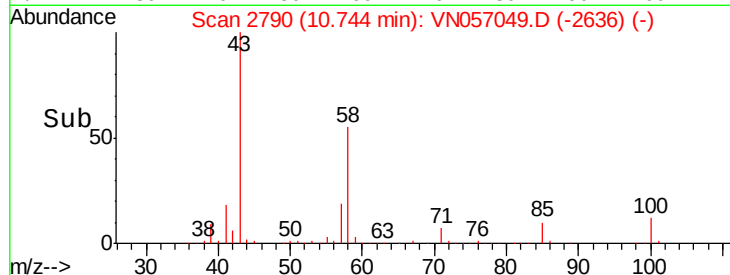
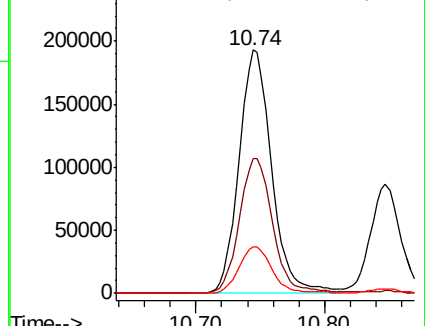
57 19.5 15.4 23.0



Abundance Ion 43.00 (42.70 to 43.70): VN056887.D (-2778) (-)

Ion 58.00 (57.70 to 58.70): VN056887.D (-2778) (-)

Ion 57.00 (56.70 to 57.70): VN056887.D (-2778) (-)



#60

4-Bromofluorobenzene

Concen: 28.872 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

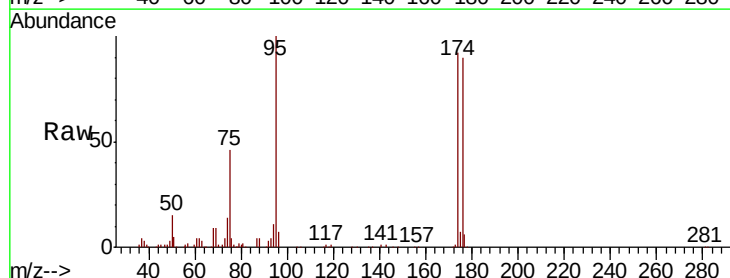
Tgt Ion: 95 Resp: 162440

Ion Ratio Lower Upper

95 100

174 92.9 71.9 107.9

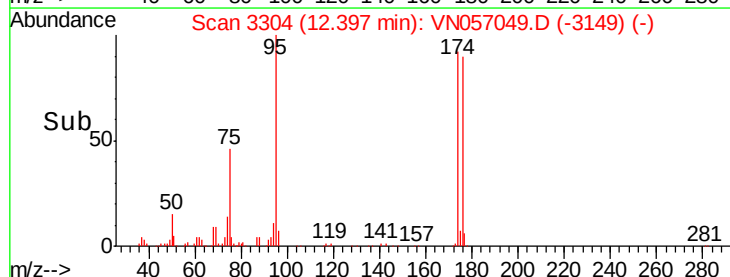
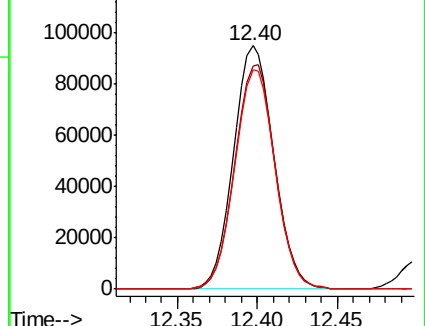
176 90.5 69.8 104.8

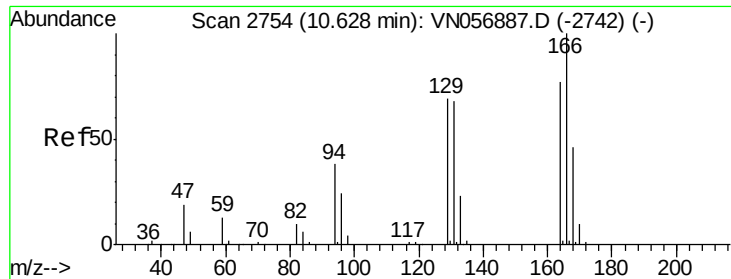


Abundance Ion 95.00 (94.70 to 95.70): VN056887.D (-3292) (-)

Ion 174.00 (173.70 to 174.70): VN056887.D (-3292) (-)

Ion 176.00 (175.70 to 176.70): VN056887.D (-3292) (-)

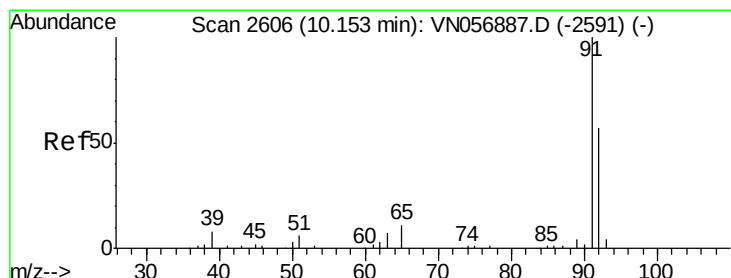
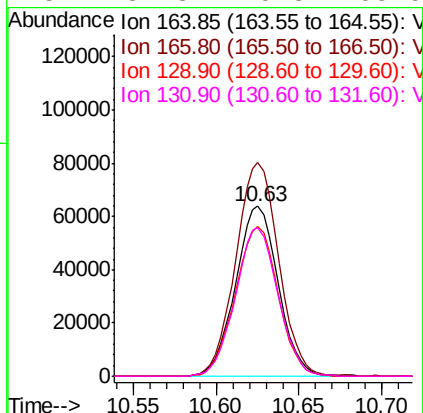
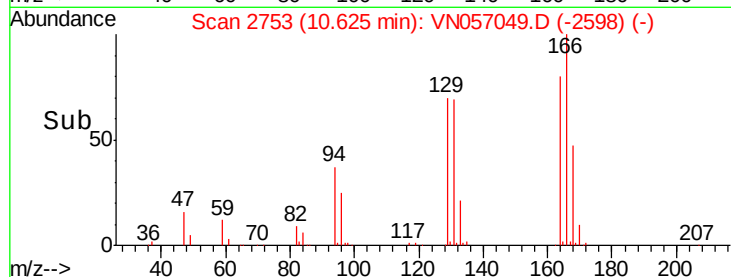
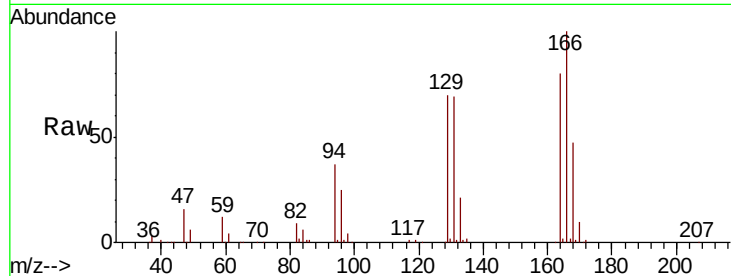




#61
Tetrachloroethene
Concen: 21.611 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

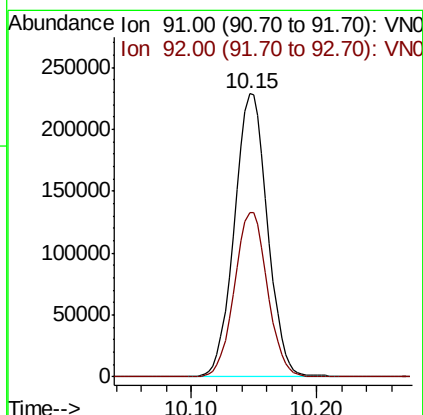
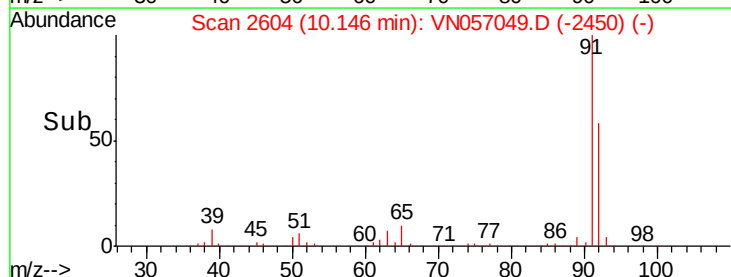
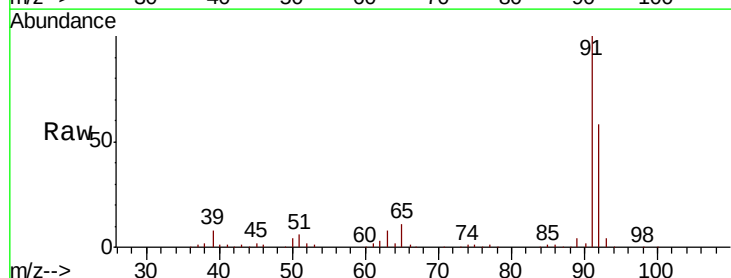
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

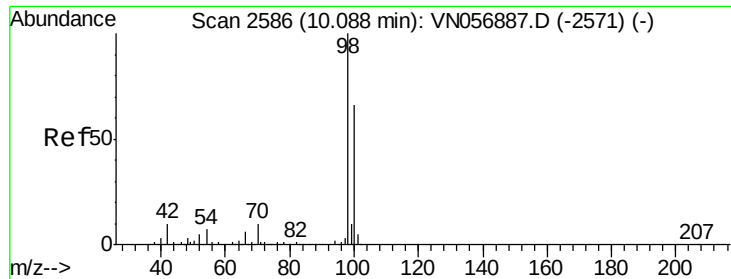
Tot Ion:164 Resp: 113695
Ion Ratio Lower Upper
164 100
166 125.3 103.9 155.9
129 87.9 72.4 108.6
131 87.3 70.3 105.5



#62
Toluene
Concen: 20.571 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. -0.01 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

Tgt Ion: 91 Resp: 419974
Ion Ratio Lower Upper
91 100
92 58.0 46.1 69.1





#63

Toluene-d8

Concen: 30.236 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.01 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

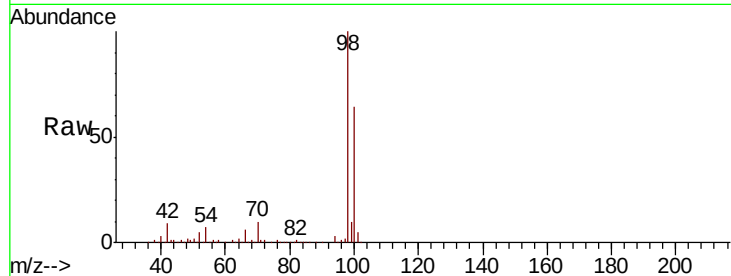
VSTDCCC020EC

Tot Ion: 98 Resp: 536163

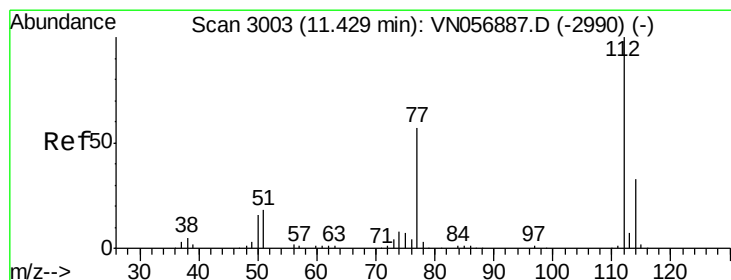
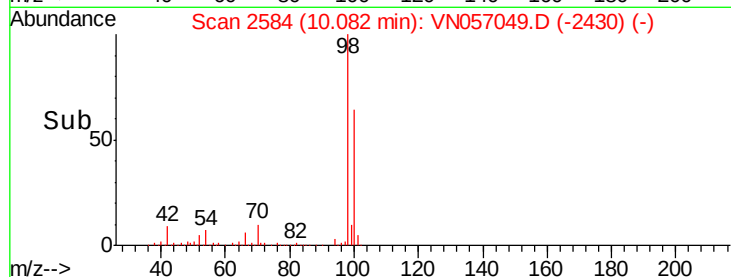
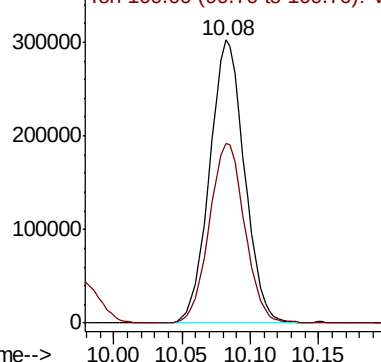
Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN056887.D (-2571) (-)



#64

Chlorobenzene

Concen: 20.858 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN057049.D

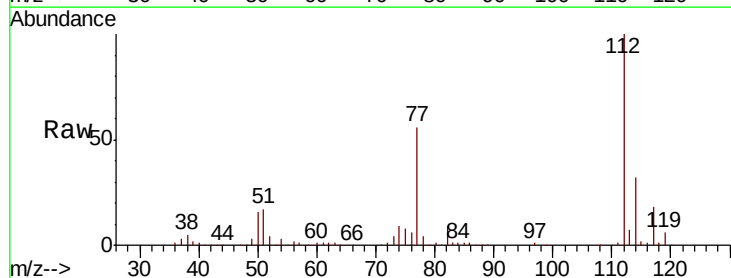
Acq: 1 Aug 2019 19:50

Tgt Ion: 112 Resp: 256512

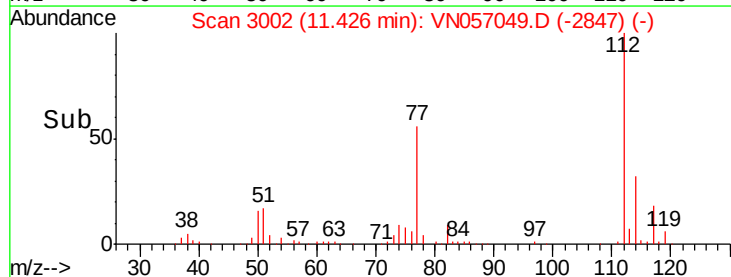
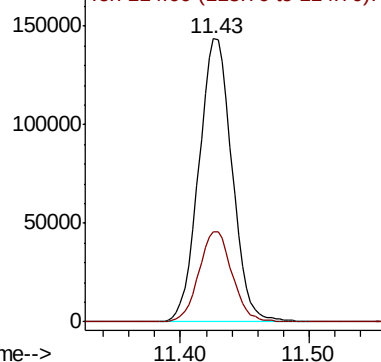
Ion Ratio Lower Upper

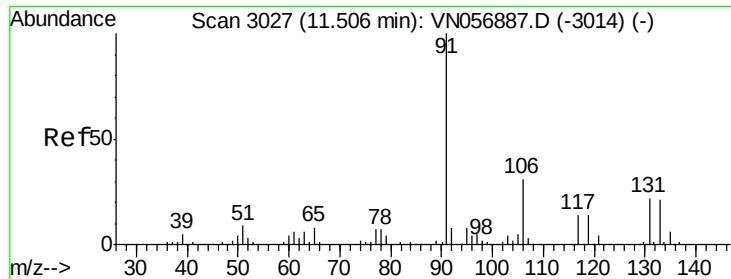
112 100

114 31.9 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): VN056887.D (-2990) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 20.903 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

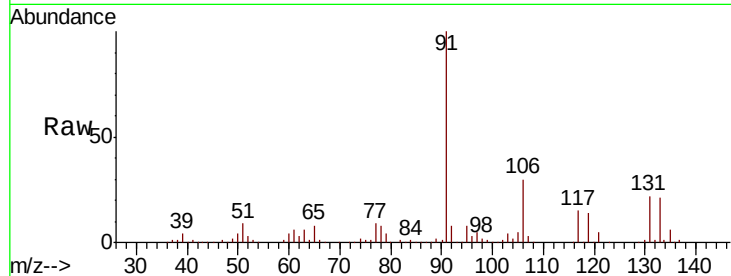
Tot Ion:131 Resp: 97369

Ion Ratio Lower Upper

131 100

133 98.0 0.0 189.6

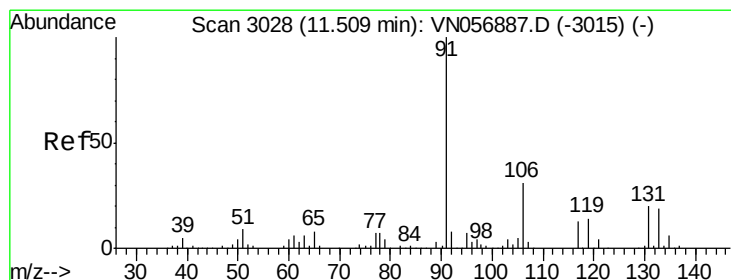
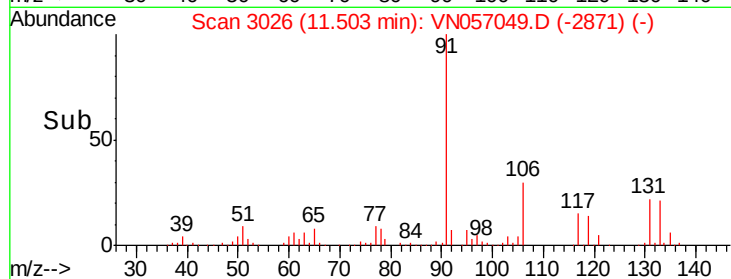
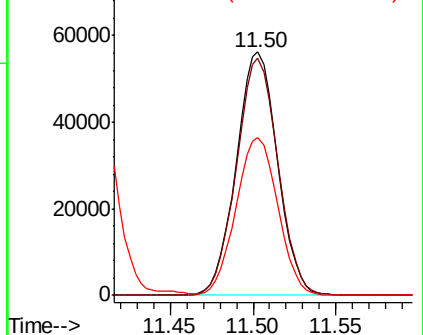
119 65.7 0.0 133.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.712 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN057049.D

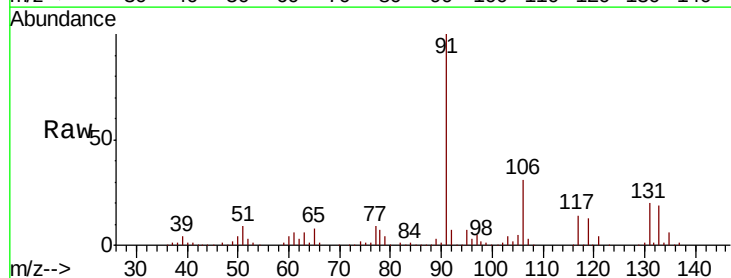
Acq: 1 Aug 2019 19:50

Tgt Ion: 91 Resp: 445611

Ion Ratio Lower Upper

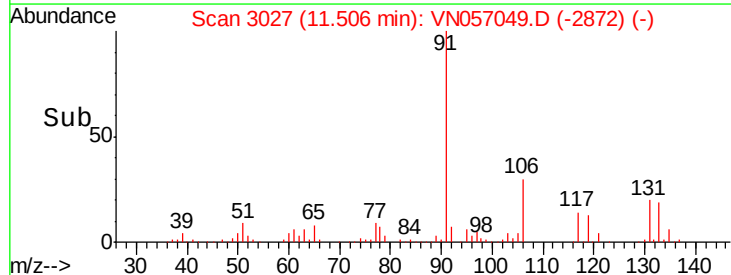
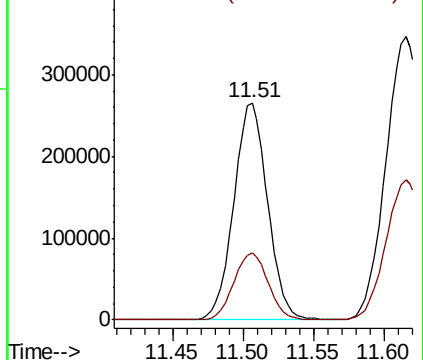
91 100

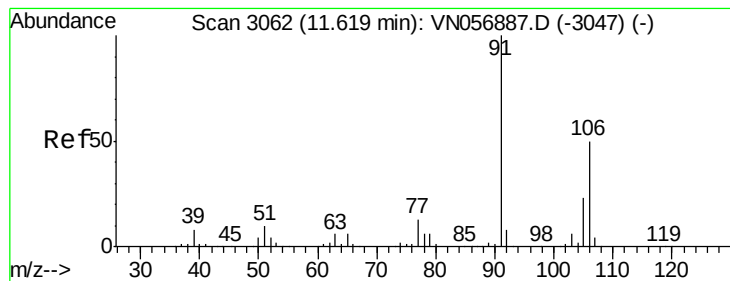
106 30.7 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 41.529 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

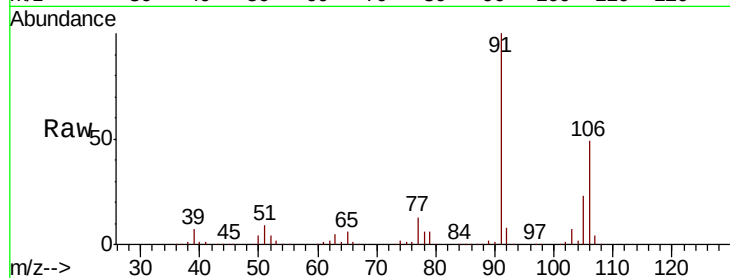
VSTDCCC020EC

Tot Ion:106 Resp: 333172

Ion Ratio Lower Upper

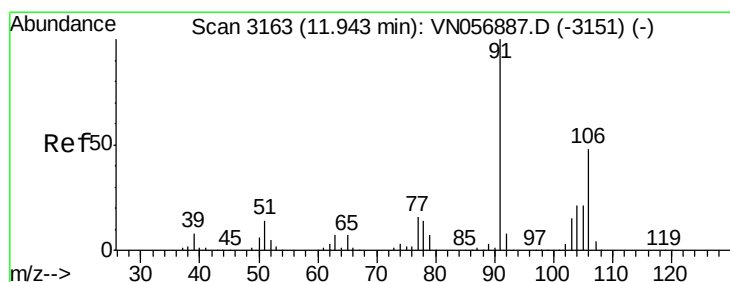
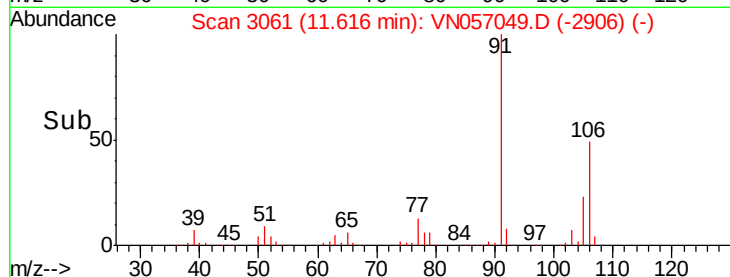
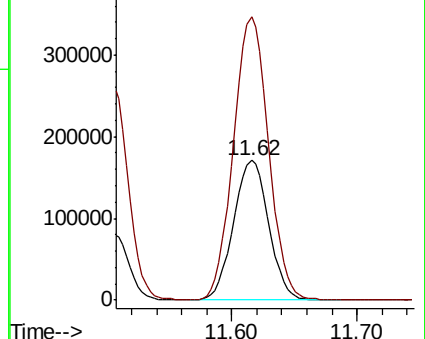
106 100

91 202.5 160.6 240.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 21.017 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. -0.00 min

Lab File: VN057049.D

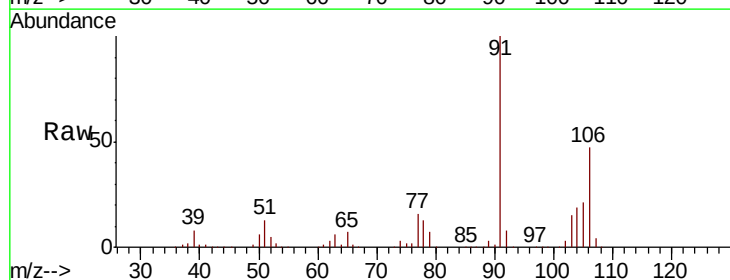
Acq: 1 Aug 2019 19:50

Tgt Ion:106 Resp: 165782

Ion Ratio Lower Upper

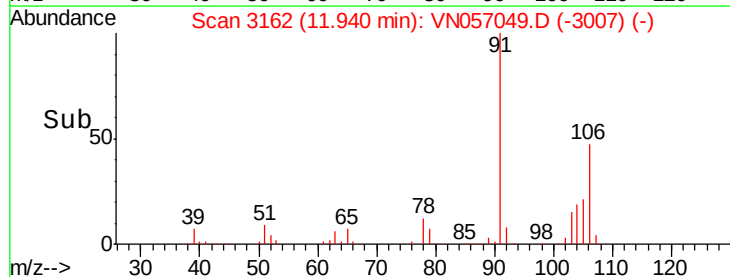
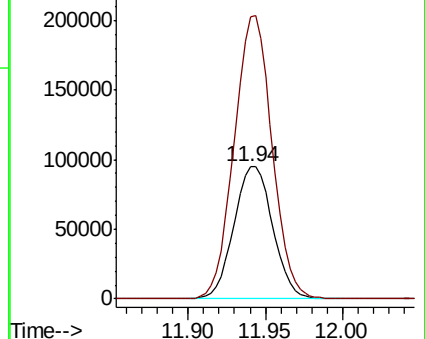
106 100

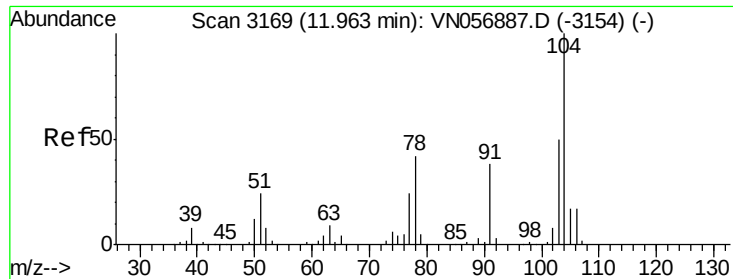
91 208.5 106.2 318.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#69

Stvrene

Concen: 20.212 ug/l

RT: 11.96 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

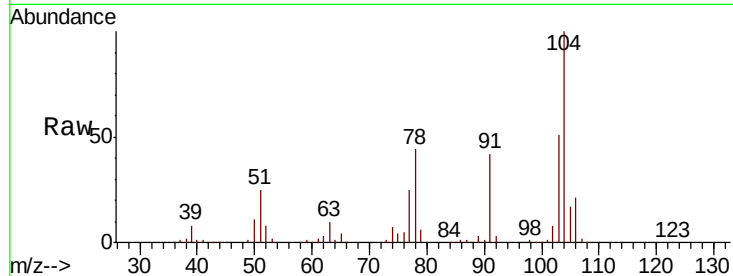
Tot Ion:104 Resp: 258357

Ion Ratio Lower Upper

104 100

78 47.7 38.5 57.7

103 55.2 44.7 67.1

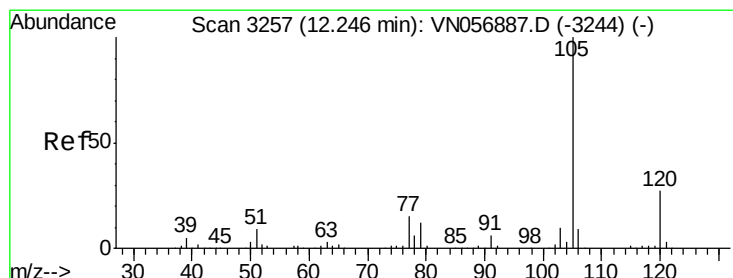
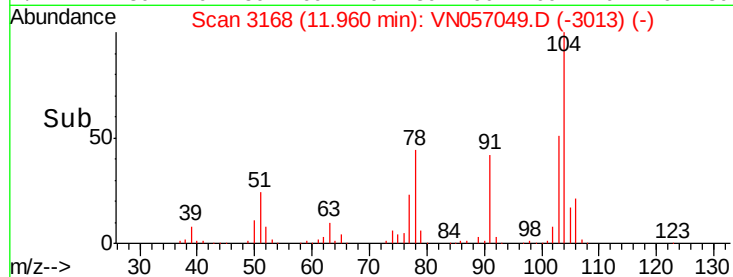
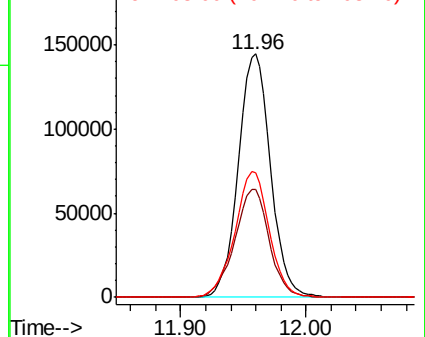


Abundance

Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 21.095 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN057049.D

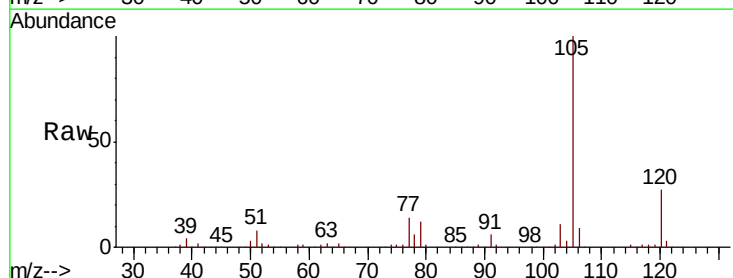
Acq: 1 Aug 2019 19:50

Tgt Ion:105 Resp: 438124

Ion Ratio Lower Upper

105 100

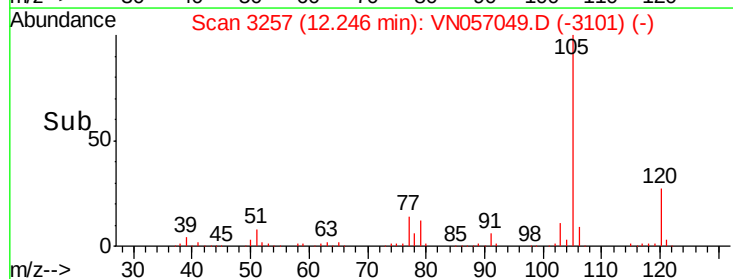
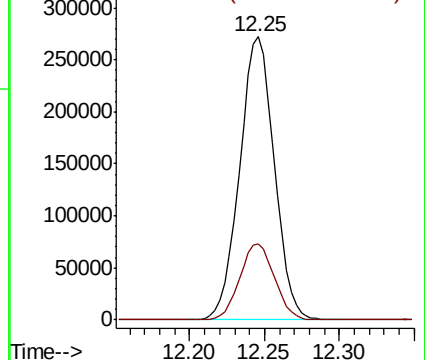
120 27.0 18.7 34.7

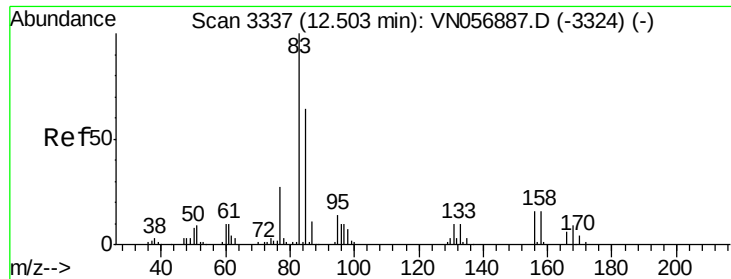


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

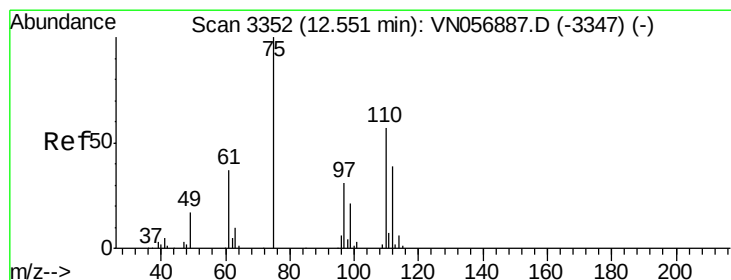
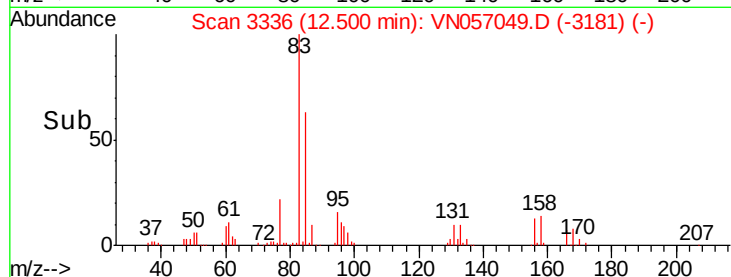
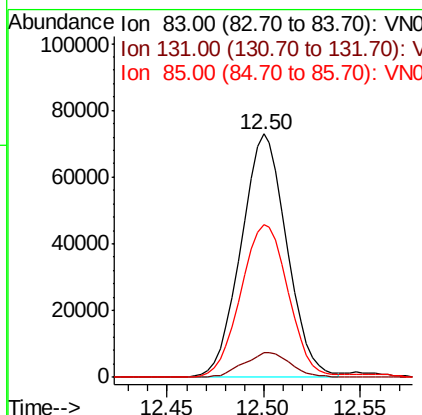
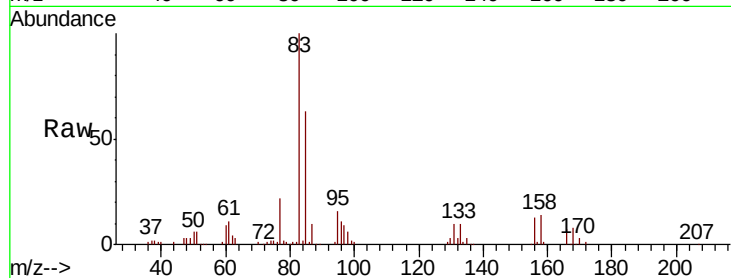




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.664 ug/l
 RT: 12.50 min Scan# 3336
 Delta R.T. -0.00 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

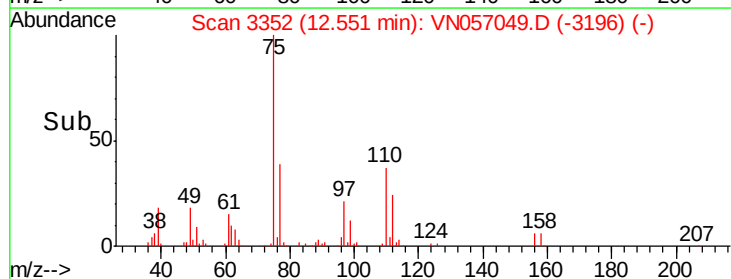
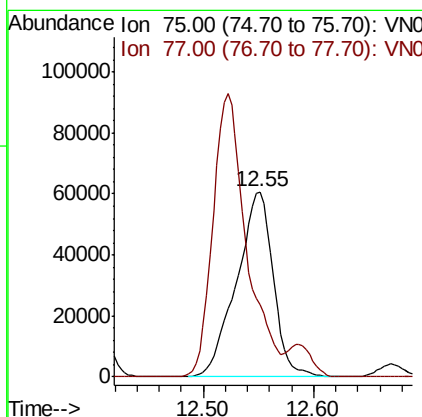
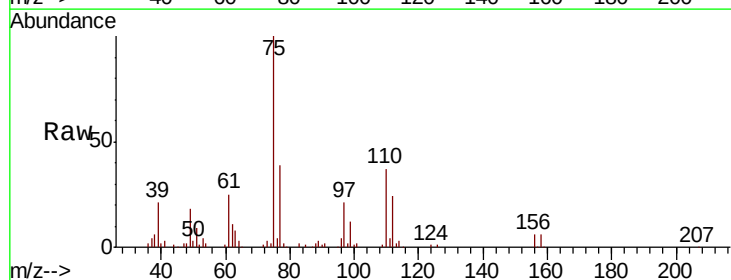
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

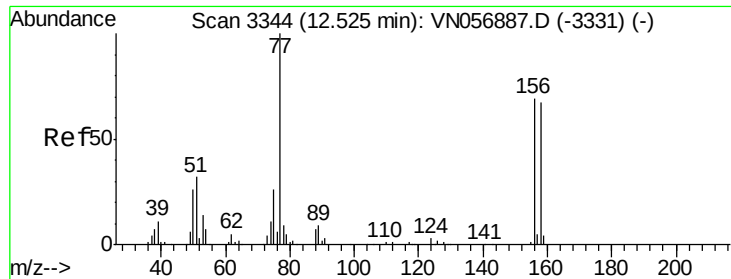
Tot Ion: 83 Resp: 120208
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.1 15.2
 85 65.0 31.8 95.4



#72
 1,2,3-Trichloropropane
 Concen: 27.343 ug/l
 RT: 12.55 min Scan# 3352
 Delta R.T. 0.00 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Tgt Ion: 75 Resp: 139944
 Ion Ratio Lower Upper
 75 100
 77 139.6 0.0 378.6





#73

Bromobenzene

Concen: 20.301 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

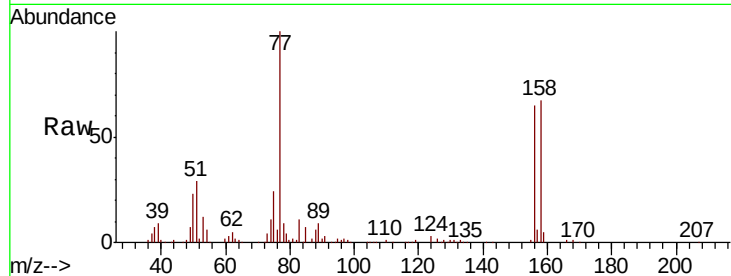
Tot Ion:156 Resp: 108802

Ion Ratio Lower Upper

156 100

77 179.5 0.0 364.6

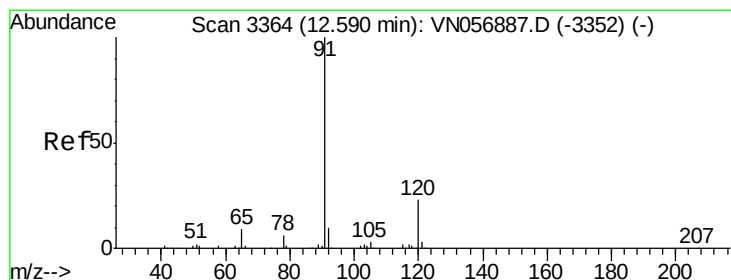
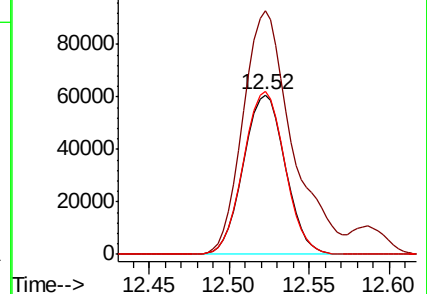
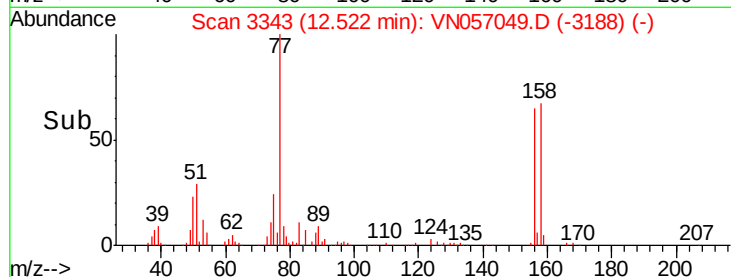
158 101.3 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.998 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN057049.D

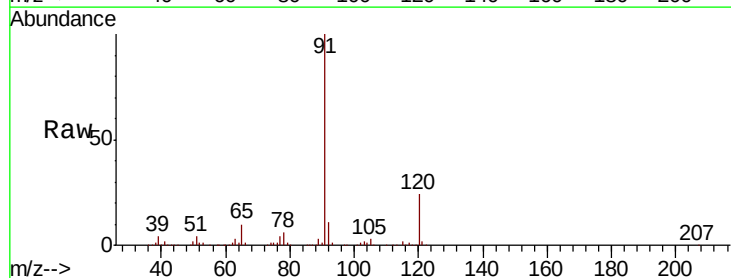
Acq: 1 Aug 2019 19:50

Tgt Ion: 91 Resp: 454133

Ion Ratio Lower Upper

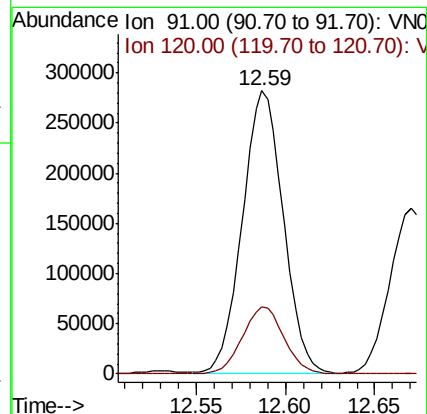
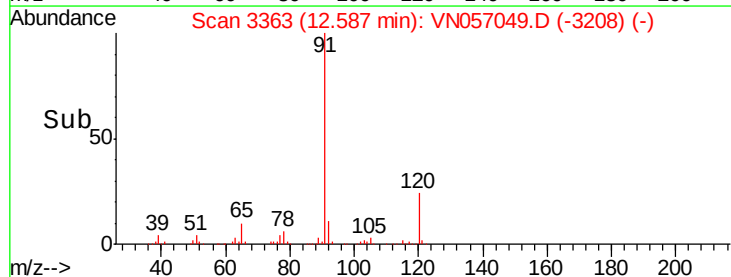
91 100

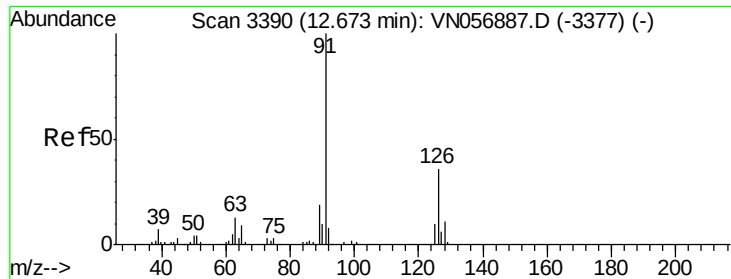
120 23.7 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.398 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

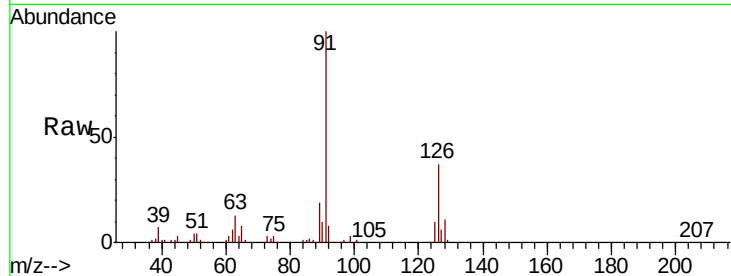
VSTDCCC020EC

Tot Ion: 91 Resp: 280838

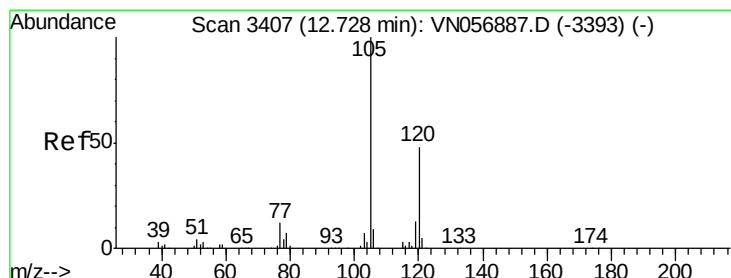
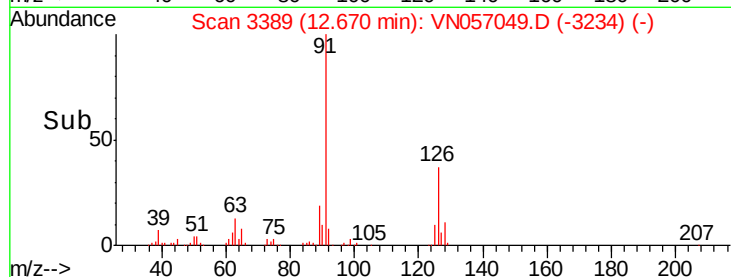
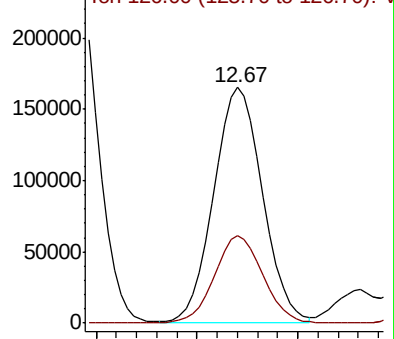
Ion Ratio Lower Upper

91 100

126 36.5 0.0 70.8



Abundance Ion 91.00 (90.70 to 91.70): VN056887.D (-3377) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.993 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN057049.D

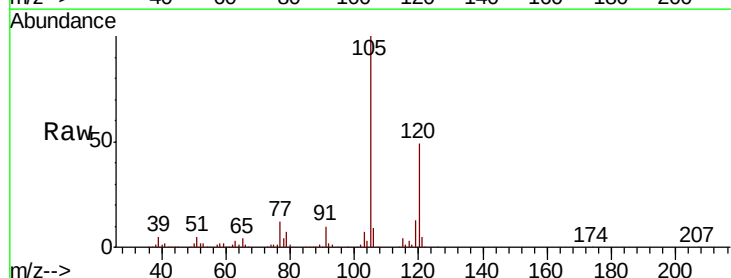
Acq: 1 Aug 2019 19:50

Tgt Ion: 105 Resp: 367050

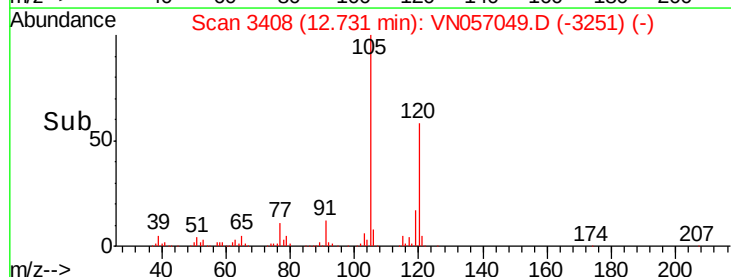
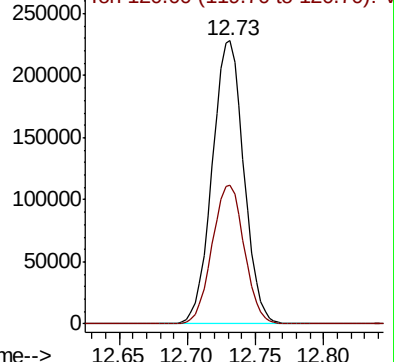
Ion Ratio Lower Upper

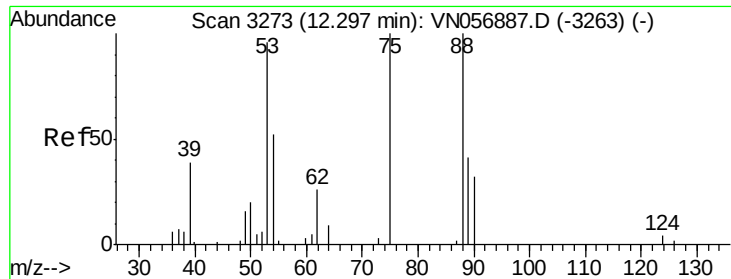
105 100

120 49.8 0.0 97.2



Abundance Ion 105.00 (104.70 to 105.70): VN056887.D (-3393) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 19.320 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

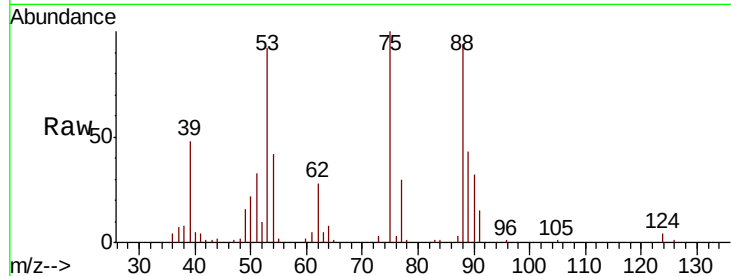
Tot Ion: 75 Resp: 31047

Ion Ratio Lower Upper

75 100

53 91.1 48.0 144.0

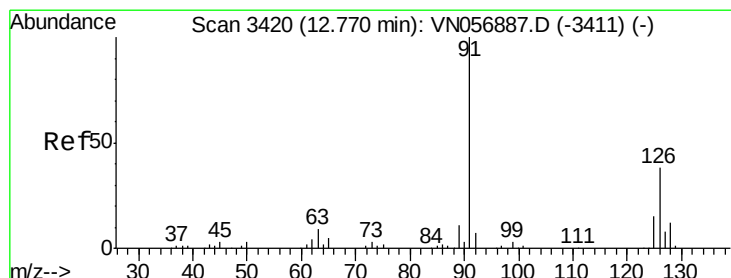
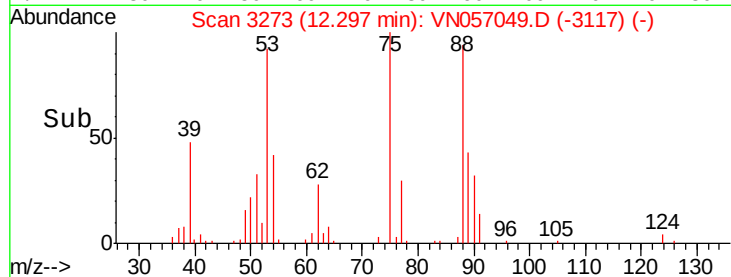
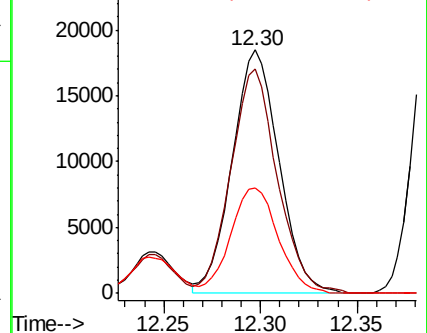
89 43.5 21.4 64.3



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.600 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN057049.D

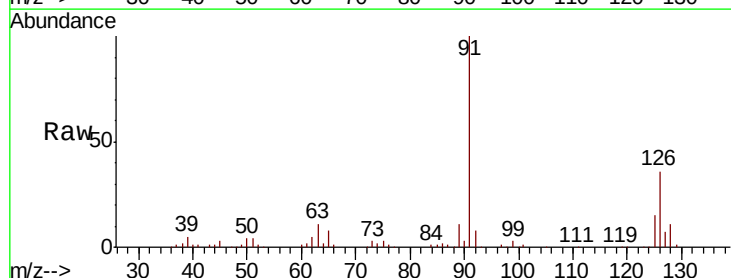
Acq: 1 Aug 2019 19:50

Tgt Ion: 91 Resp: 256511

Ion Ratio Lower Upper

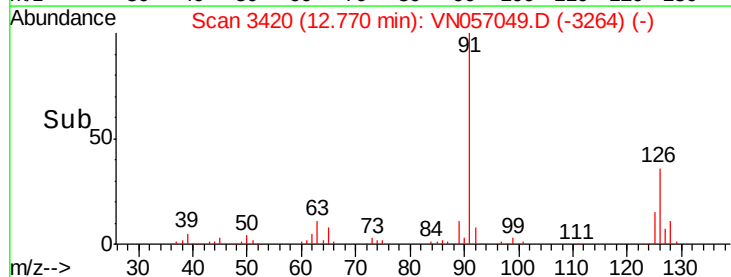
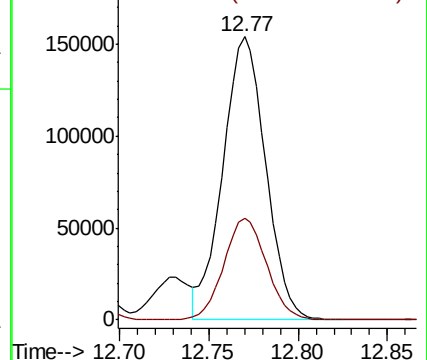
91 100

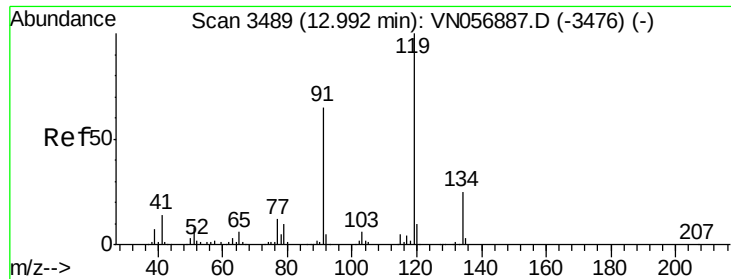
126 35.7 0.0 69.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

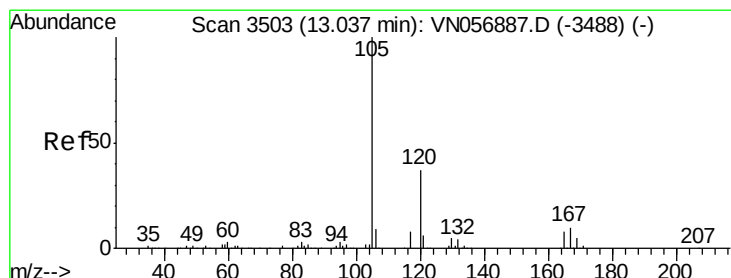
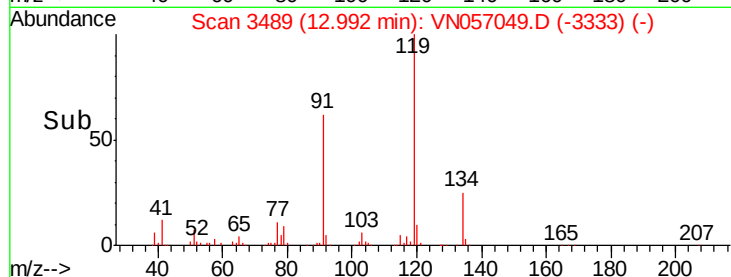
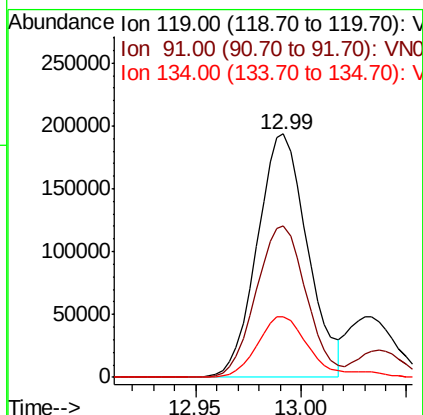
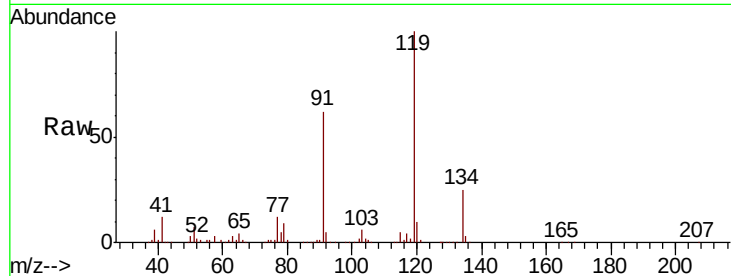




#79
tert-butylbenzene
Concen: 21.310 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

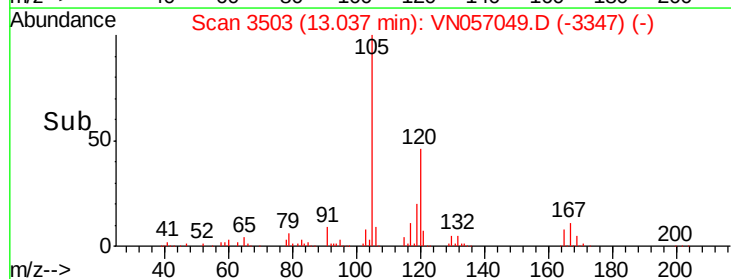
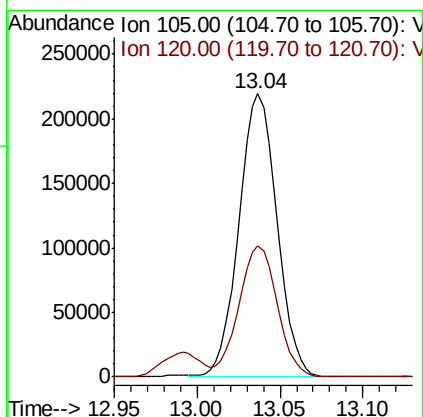
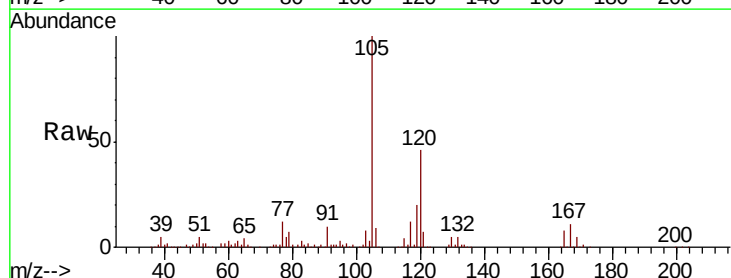
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

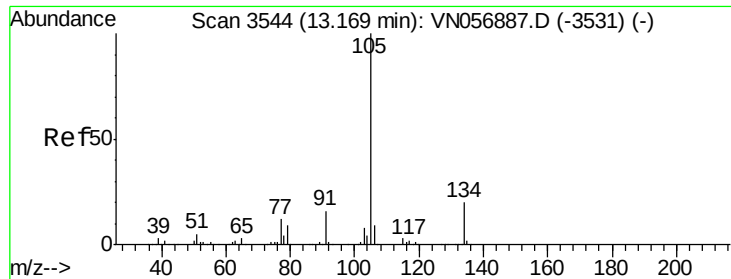
Tot Ion:119 Resp: 321518
Ion Ratio Lower Upper
119 100
91 62.4 0.0 126.8
134 24.6 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 20.590 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

Tgt Ion:105 Resp: 350952
Ion Ratio Lower Upper
105 100
120 46.7 0.0 90.6





#81

sec-Butylbenzene

Concen: 20.649 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

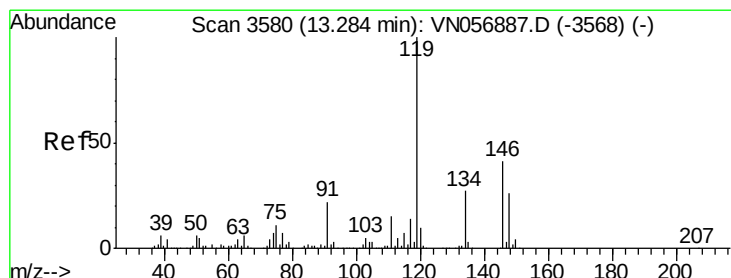
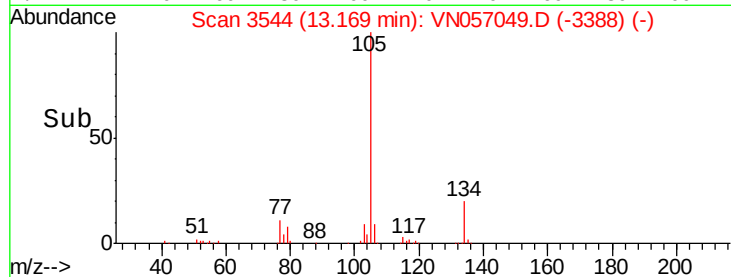
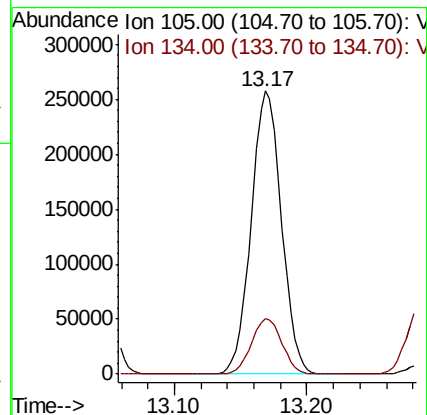
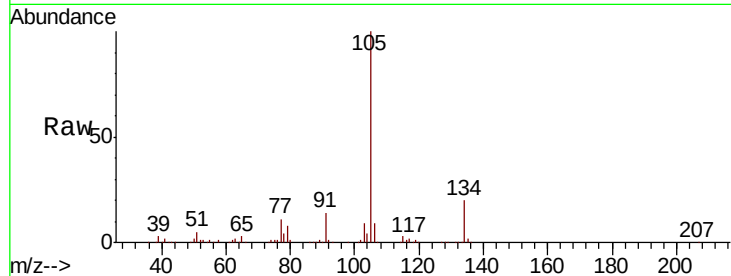
VSTDCCC020EC

Tot Ion:105 Resp: 406753

Ion Ratio Lower Upper

105 100

134 19.8 0.0 41.2



#82

p-Isopropyltoluene

Concen: 20.240 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

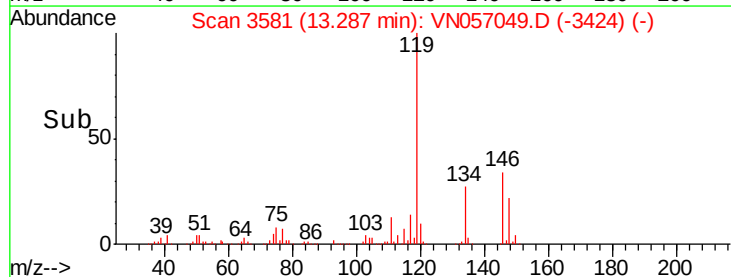
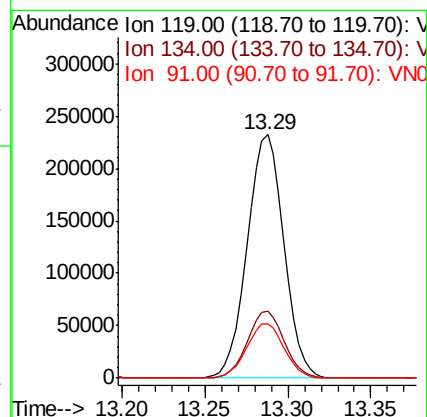
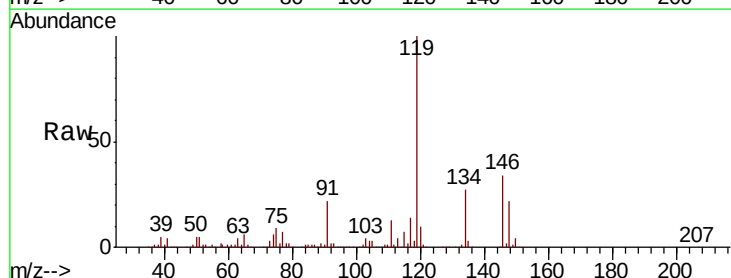
Tgt Ion:119 Resp: 358062

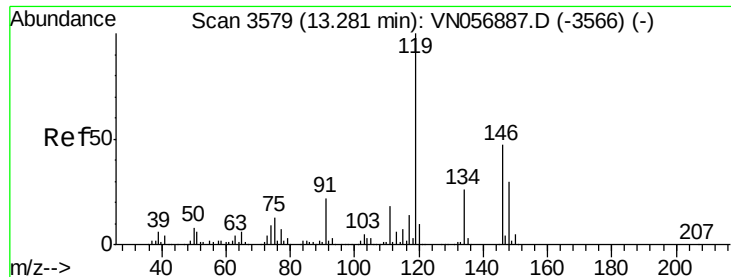
Ion Ratio Lower Upper

119 100

134 27.5 0.0 53.2

91 22.8 0.0 44.0

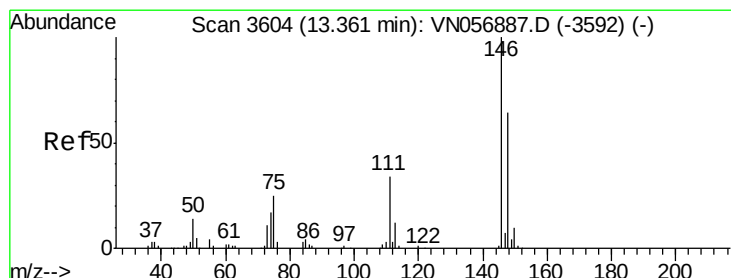
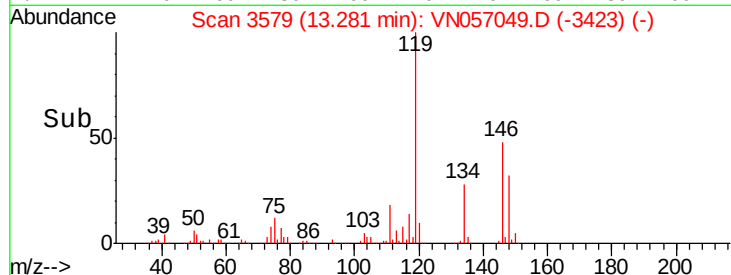
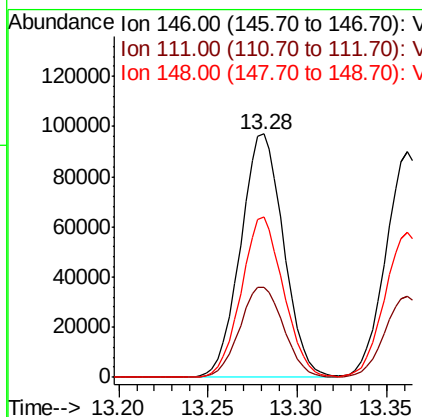
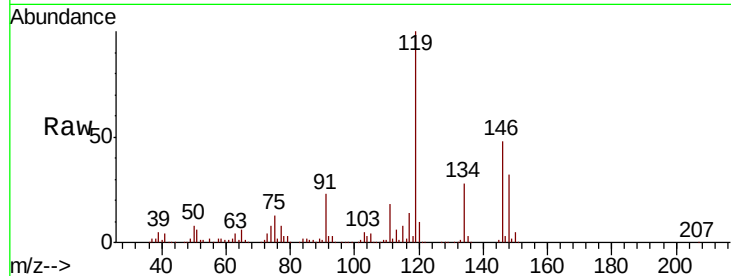




#83
 1,3-Dichlorobenzene
 Concen: 19.415 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

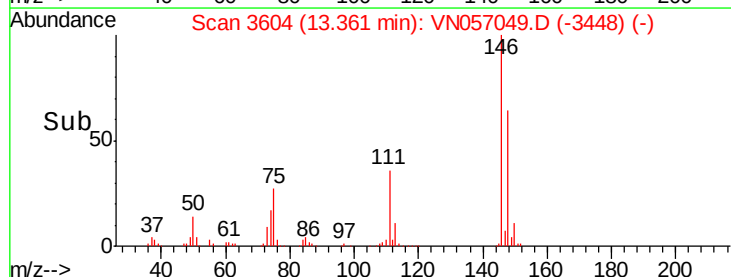
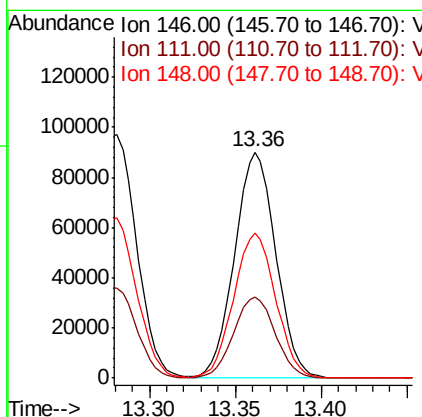
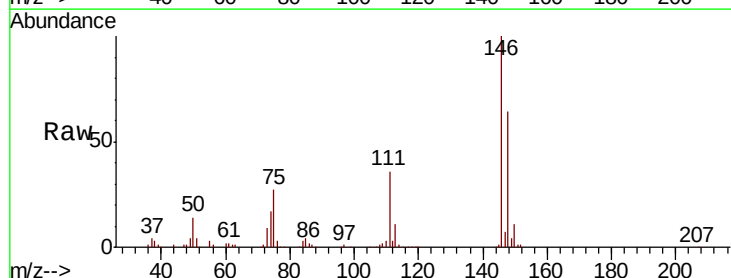
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

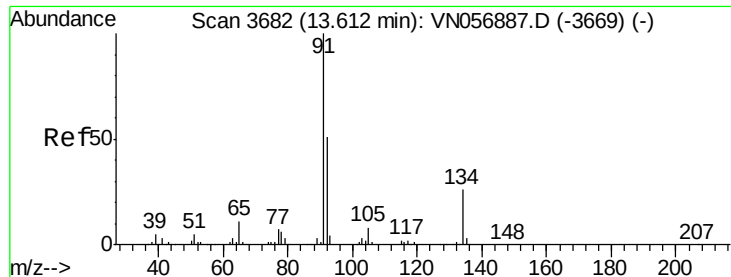
Tot Ion:146 Resp: 163824
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.8 56.4
 148 64.7 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 18.719 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Tgt Ion:146 Resp: 149346
 Ion Ratio Lower Upper
 146 100
 111 36.4 17.8 53.5
 148 65.7 32.6 97.7





#85

n-Butylbenzene

Concen: 18.474 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN057049.D

Acq: 1 Aug 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

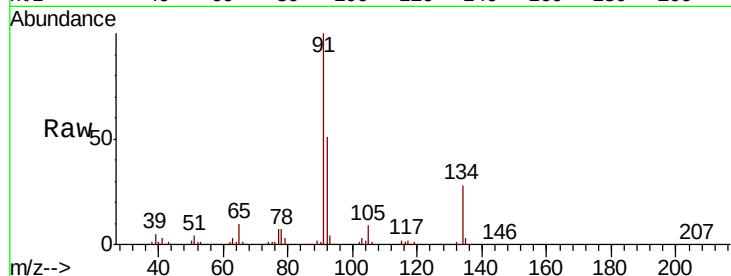
Tot Ion: 91 Resp: 256634

Ion Ratio Lower Upper

91 100

92 51.9 0.0 101.8

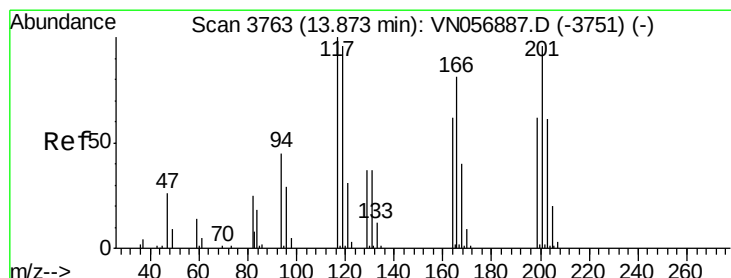
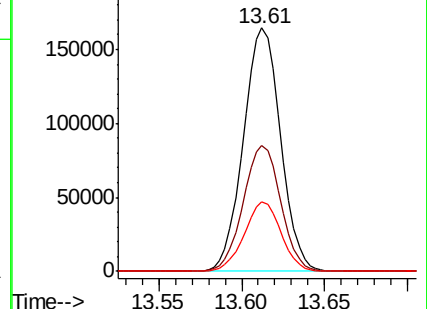
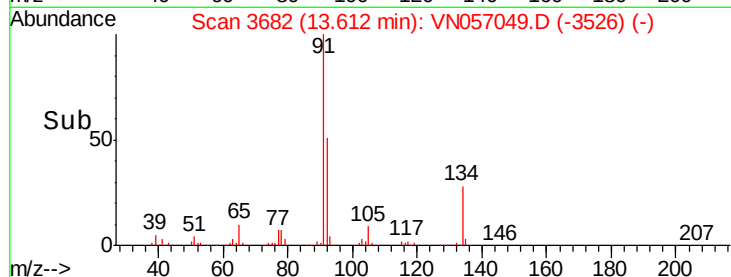
134 28.1 0.0 52.4



Abundance Ion 91.00 (90.70 to 91.70): VN056887.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN056887.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN056887.D (-3669) (-)



#86

Hexachloroethane

Concen: 21.406 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN057049.D

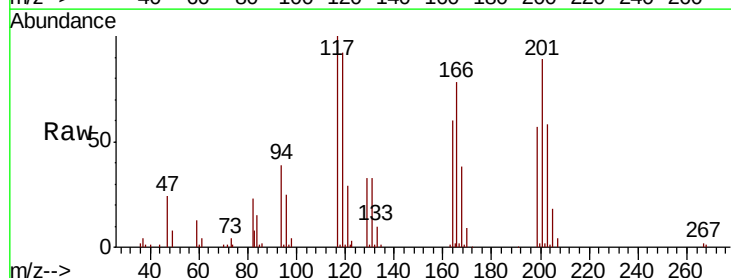
Acq: 1 Aug 2019 19:50

Tgt Ion: 117 Resp: 63376

Ion Ratio Lower Upper

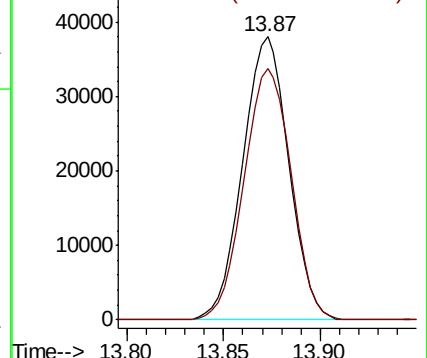
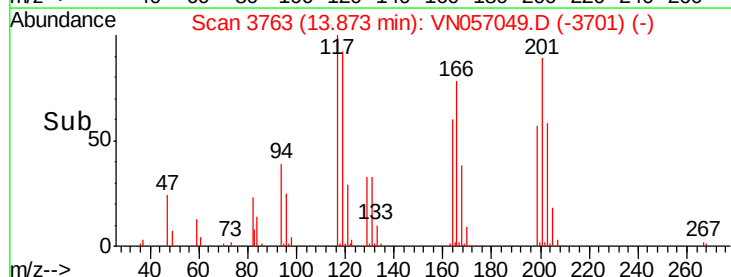
117 100

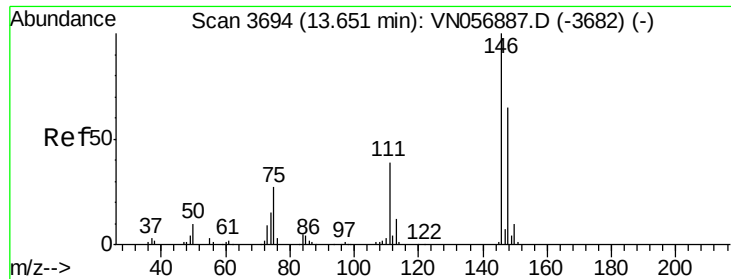
201 90.5 47.8 143.3



Abundance Ion 117.00 (116.70 to 117.70): VN056887.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN056887.D (-3751) (-)

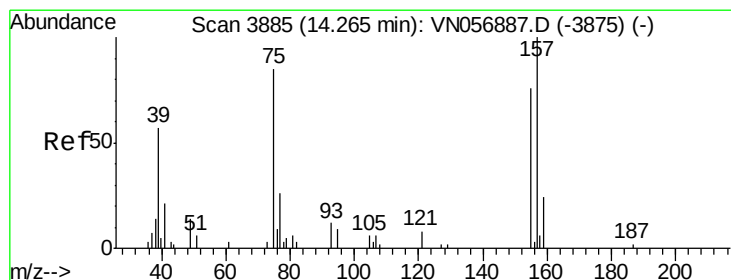
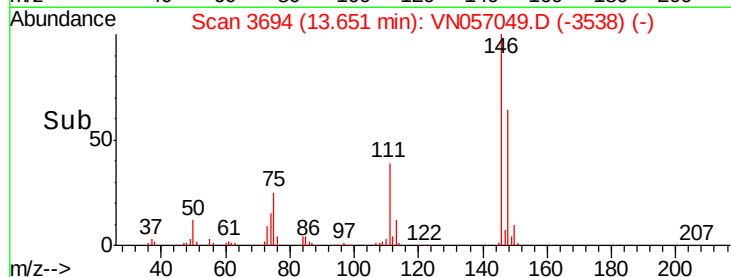
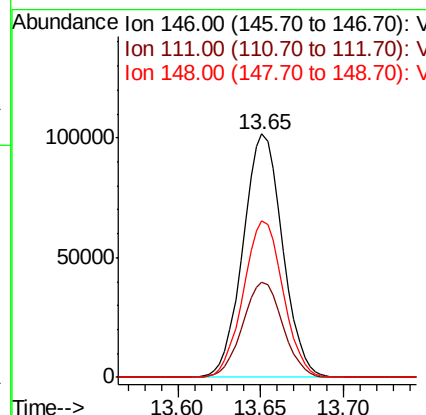
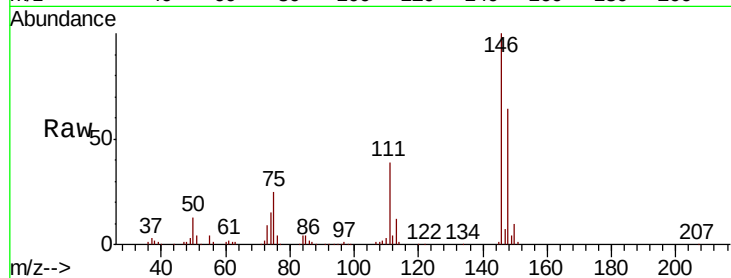




#87
 1,2-Dichlorobenzene
 Concen: 20.092 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

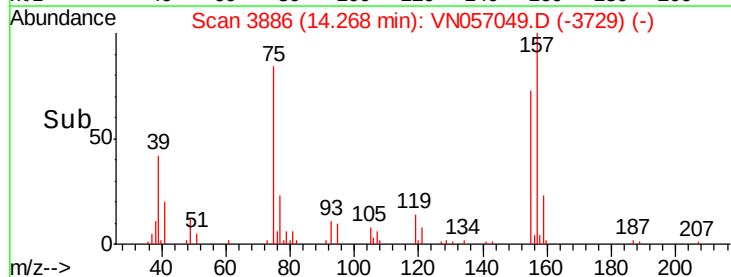
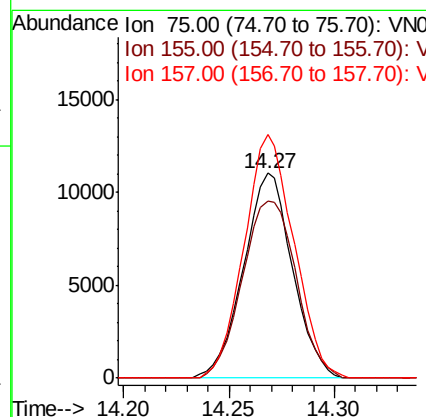
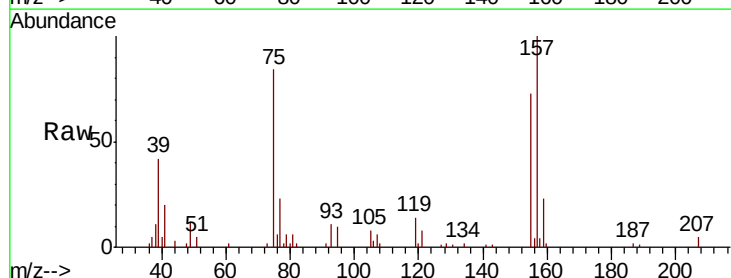
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

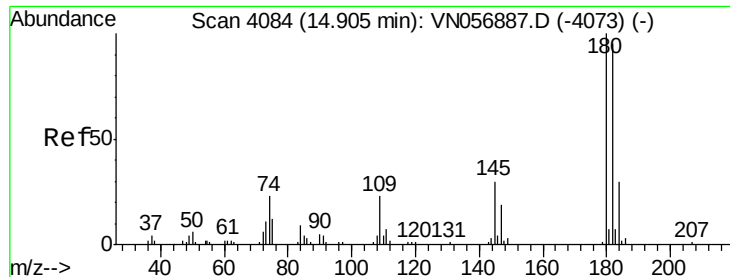
Tot Ion:146 Resp: 168397
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.6 58.8
 148 64.6 32.5 97.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.770 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Tgt Ion: 75 Resp: 17792
 Ion Ratio Lower Upper
 75 100
 155 94.8 73.4 110.2
 157 120.9 95.0 142.6

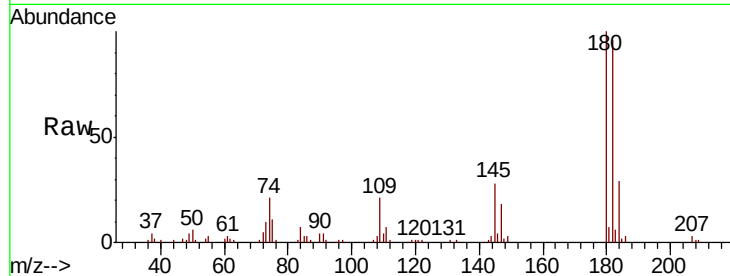




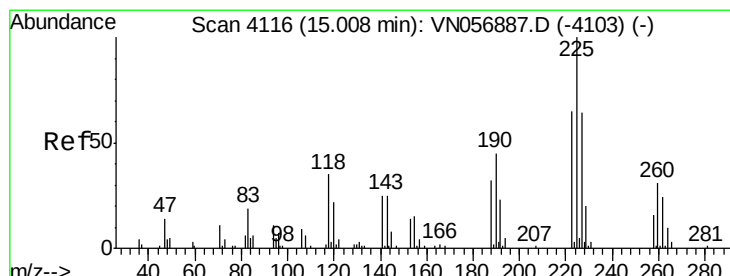
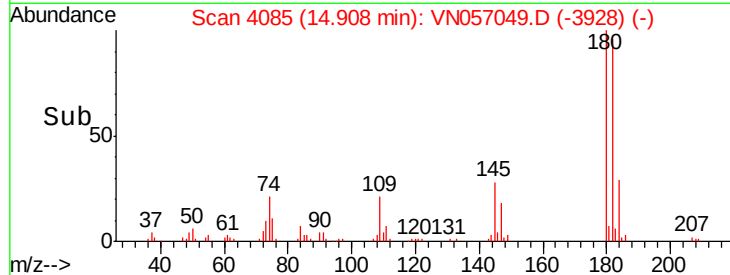
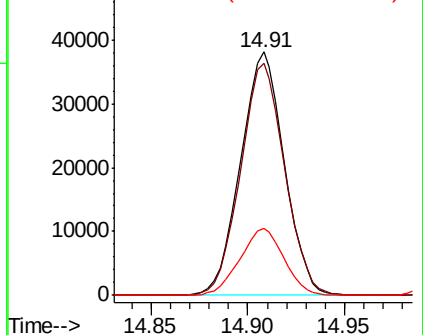
#89
 1,2,4-Trichlorobenzene
 Concen: 18.386 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:180 Resp: 59856
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.0 115.4
 145 27.7 23.5 35.3

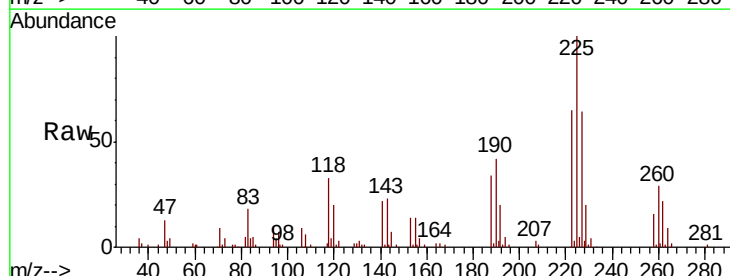


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

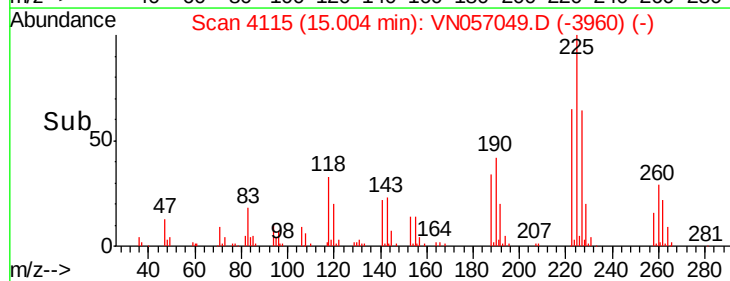
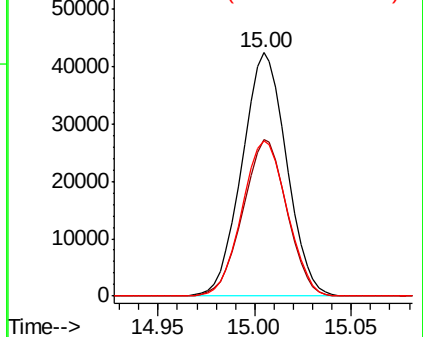


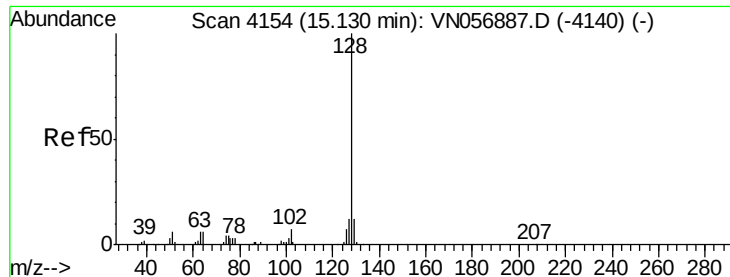
#90
 Hexachlorobutadiene
 Concen: 22.108 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN057049.D
 Acq: 1 Aug 2019 19:50

Tgt Ion:225 Resp: 68110
 Ion Ratio Lower Upper
 225 100
 223 63.3 0.0 130.0
 227 64.3 0.0 127.2



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

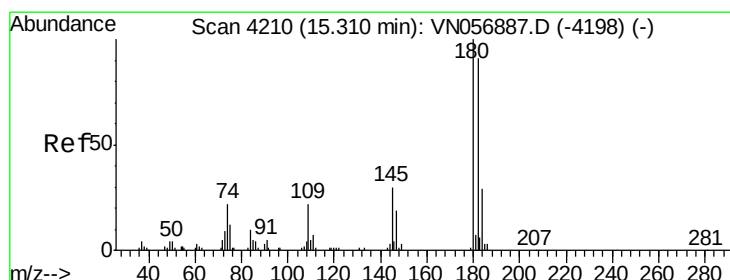
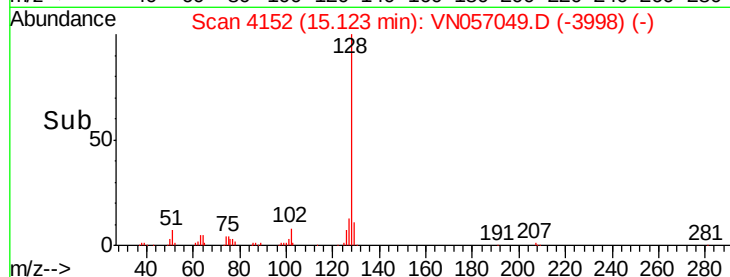
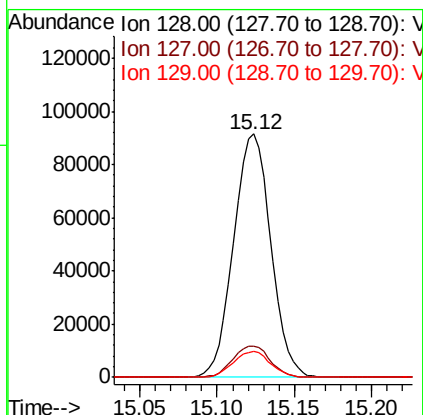
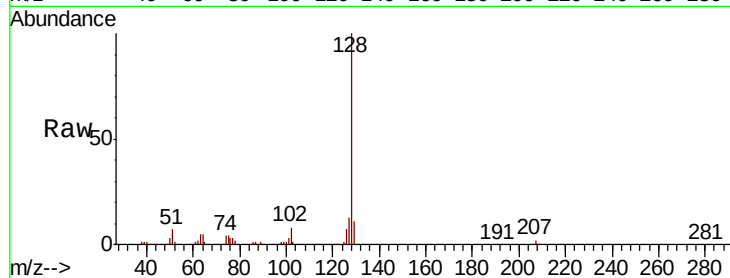




#91
Naphthalene
Concen: 18.022 ug/l
RT: 15.12 min Scan# 4152
Delta R.T. -0.01 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 153272
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.7 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 16.207 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. -0.02 min
Lab File: VN057049.D
Acq: 1 Aug 2019 19:50

Tgt Ion:180 Resp: 71812
Ion Ratio Lower Upper
180 100
182 97.4 0.0 188.0
145 29.6 0.0 61.0

