

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063085.D
 Acq On : 21 Aug 2020 17:03
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Aug 22 00:52:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	27748	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	148293	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	138480	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	61413	31.24	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.13%
60) 4-Bromofluorobenzene	12.38	95	64688	29.56	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.53%
63) Toluene-d8	10.06	98	192728	30.33	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	39273	19.796	ug/l 97
3) Chloromethane	2.04	50	42668	19.436	ug/l 99
4) Vinyl Chloride	2.16	62	42427	19.198	ug/l 99
5) Bromomethane	2.49	94	17273	12.680	ug/l 98
6) Chloroethane	2.59	64	17637	13.503	ug/l 99
7) Trichlorofluoromethane	2.93	101	50940	19.114	ug/l 97
8) Diethyl Ether	3.37	74	17570	19.822	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.69	101	25094	17.414	ug/l 100
10) 1,1-Dichloroethene	3.67	96	23602	18.227	ug/l 96
11) Methyl Iodide	3.89	142	28361	15.964	ug/l 99
12) Methyl Acetate	4.28	43	38262	22.168	ug/l 98
13) Acrolein	3.56	56	17264	97.595	ug/l 97
14) Acrylonitrile	4.93	53	74817	98.996	ug/l 99
15) Acetone	3.79	58	16376	74.869	ug/l 88
16) Carbon Disulfide	3.98	76	59066	16.992	ug/l 97
17) Allyl chloride	4.26	41	41977	17.667	ug/l 94
18) Methylene Chloride	4.49	84	32442	17.907	ug/l 97
19) trans-1,2-Dichloroethene	4.98	96	25389	17.831	ug/l 96
20) Diisopropyl ether	5.90	45	107686	19.351	ug/l 95
21) 1,1-Dichloroethane	5.79	63	56979	18.656	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	32064	18.171	ug/l 97
23) tert-Butyl Alcohol	4.69	59	2393	9.665	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	90012	18.949	ug/l 99
25) Chloroform	7.33	83	57165	18.795	ug/l 99
26) Cyclohexane	7.61	56	44917	17.084	ug/l # 100
29) 1,1-Dichloropropene	7.75	75	36681	17.033	ug/l 99
30) 2-Butanone	6.79	43	84131	83.815	ug/l 100
31) 2,2-Dichloropropane	6.77	77	40788	15.582	ug/l 99
32) 1,1,1-Trichloroethane	7.52	97	45812	17.662	ug/l 99
33) Carbon Tetrachloride	7.73	117	38073	17.237	ug/l 95
34) Benzene	8.00	78	123338	17.872	ug/l 98
35) Methacrylonitrile	7.12	41	16014	16.786	ug/l 92
36) 1,2-Dichloroethane	8.08	62	43772	18.591	ug/l 99
37) Trichloroethene	8.80	130	29554	17.486	ug/l 99
38) Methylcyclohexane	9.05	83	38560	14.275	ug/l 98
39) 1,2-Dichloropropane	9.08	63	37134	18.488	ug/l 98
40) Dibromomethane	9.17	93	21929	18.804	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063085.D
 Acq On : 21 Aug 2020 17:03
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Aug 22 00:52:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	46463	17.979	ug/l	96
42) Vinyl Acetate	5.84	43	330660	86.959	ug/l	99
43) Ethyl Acetate	6.89	43	36860	19.239	ug/l	100
44) Isopropyl Acetate	8.13	43	60903	18.936	ug/l	95
45) 1,4-Dioxane	9.18	88	5046	167.512	ug/l #	92
46) Methyl methacrylate	9.17	41	28722	18.138	ug/l	99
47) n-amyl Acetate	12.05	43	53139	18.615	ug/l	97
48) t-1,3-Dichloropropene	10.36	75	48096	17.622	ug/l	98
49) cis-1,3-Dichloropropene	9.81	75	52035	17.515	ug/l	95
50) 1,1,2-Trichloroethane	10.54	97	33736	18.762	ug/l	98
51) Ethyl methacrylate	10.40	69	43022	17.586	ug/l	99
52) 1,3-Dichloropropane	10.68	76	55254	18.600	ug/l	100
53) Dibromochloromethane	10.87	129	34999	17.738	ug/l	98
54) 1,2-Dibromoethane	10.98	107	31599	18.319	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	58596	116.611	ug/l	100
56) Bromoform	12.10	173	25306	17.514	ug/l	96
58) 4-Methyl-2-Pentanone	9.96	43	196467	98.623	ug/l	100
59) 2-Hexanone	10.73	43	131771	92.727	ug/l	99
61) Tetrachloroethene	10.60	164	26052	17.161	ug/l	98
62) Toluene	10.12	91	132975	18.118	ug/l	99
64) Chlorobenzene	11.41	112	82015	18.060	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	32833	18.241	ug/l	99
66) Ethyl Benzene	11.49	91	136643	17.080	ug/l	100
67) m/p-Xylenes	11.60	106	105338	35.147	ug/l	97
68) o-Xylene	11.92	106	49473	17.184	ug/l	99
69) Styrene	11.94	104	87001	17.299	ug/l	99
70) Isopropylbenzene	12.23	105	130543	16.668	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	48008	19.115	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	57221	25.677	ug/l	59
73) Bromobenzene	12.50	156	36712	17.382	ug/l	96
74) n-propylbenzene	12.57	91	148723	15.831	ug/l	100
75) 2-Chlorotoluene	12.65	91	95298	17.020	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	105546	15.792	ug/l	99
77) t-1,4-Dichloro-2-butene	12.28	75	14304	18.161	ug/l	97
78) 4-Chlorotoluene	12.75	91	96960	16.796	ug/l	99
79) tert-butylbenzene	12.97	119	88022	15.652	ug/l	99
80) 1,2,4-Trimethylbenzene	13.02	105	97300	14.956	ug/l	99
81) sec-Butylbenzene	13.15	105	114657	14.801	ug/l	100
82) p-Isopropyltoluene	13.26	119	94969	13.828	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	62706	17.005	ug/l	100
84) 1,4-Dichlorobenzene	13.34	146	60645	16.827	ug/l	98
85) n-Butylbenzene	13.59	91	74216	13.004	ug/l	99
86) Hexachloroethane	13.85	117	21384	15.809	ug/l	98
87) 1,2-Dichlorobenzene	13.63	146	61947	17.540	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.25	75	7834	19.665	ug/l	96
89) 1,2,4-Trichlorobenzene	14.89	180	27905	16.011	ug/l	100
90) Hexachlorobutadiene	14.99	225	18097	14.028	ug/l	99
91) Naphthalene	15.11	128	63944	16.603	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	27883	16.024	ug/l	100

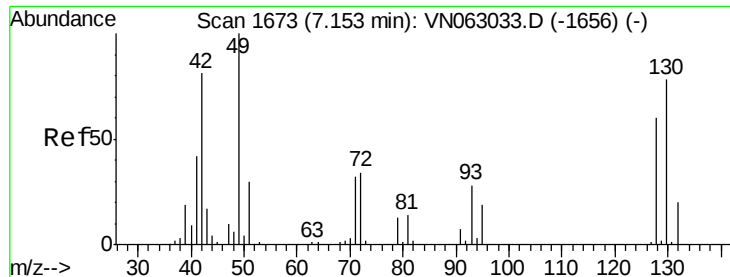
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
Data File : VN063085.D
Acq On : 21 Aug 2020 17:03
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Quant Time: Aug 22 00:52:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Aug 20 14:01:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

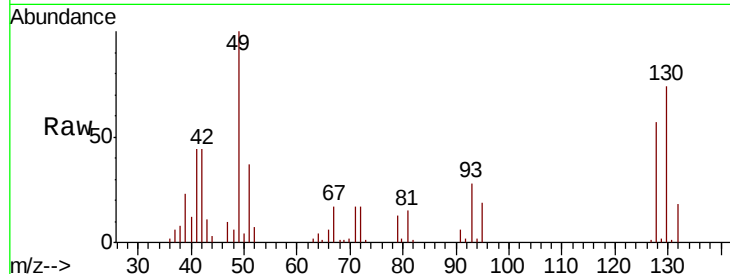
(#) = qualifier out of range (m) = manual integration (+) = signals summed



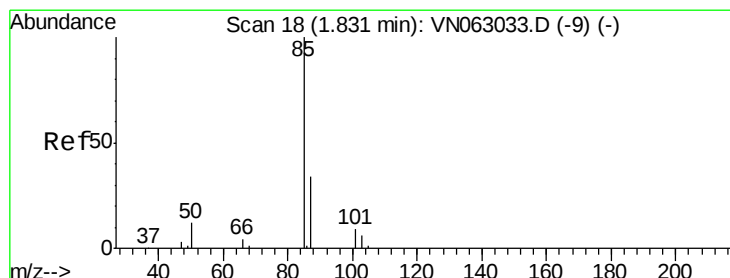
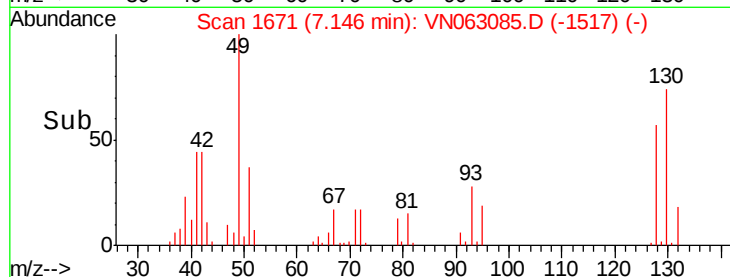
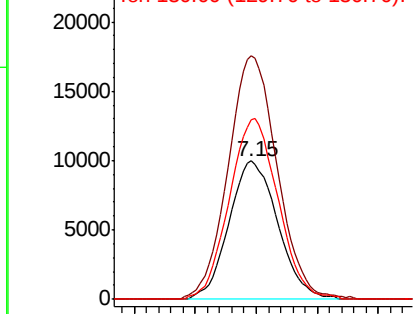
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. -0.01 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 27748
Ion Ratio Lower Upper
128 100
49 176.8 0.0 437.5
130 130.1 0.0 327.3

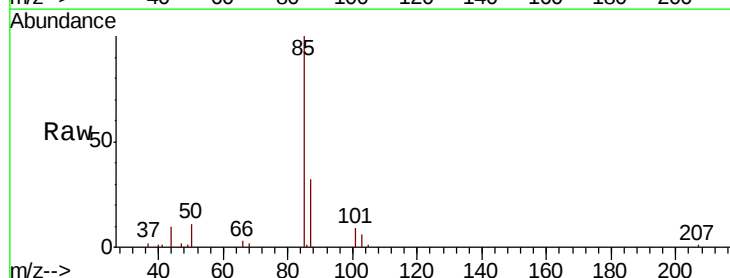


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

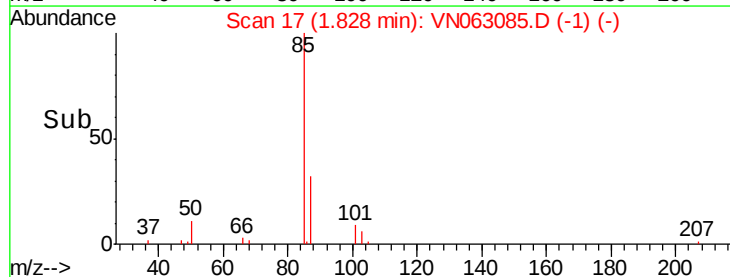
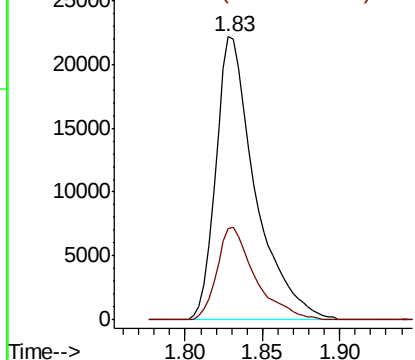


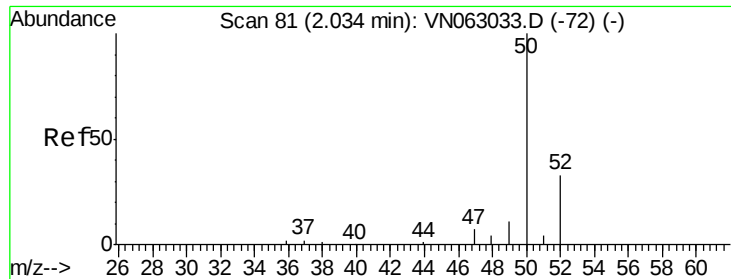
#2
Dichlorodifluoromethane
Concen: 19.796 ug/l
RT: 1.83 min Scan# 17
Delta R.T. -0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Tgt Ion: 85 Resp: 39273
Ion Ratio Lower Upper
85 100
87 32.2 16.9 50.6



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





#3

Chloromethane

Concen: 19.436 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

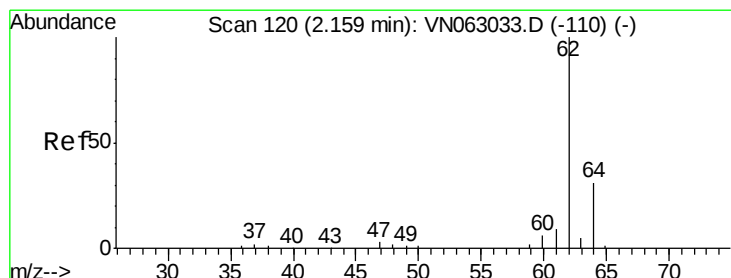
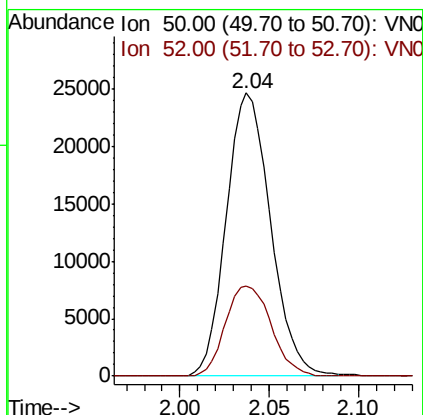
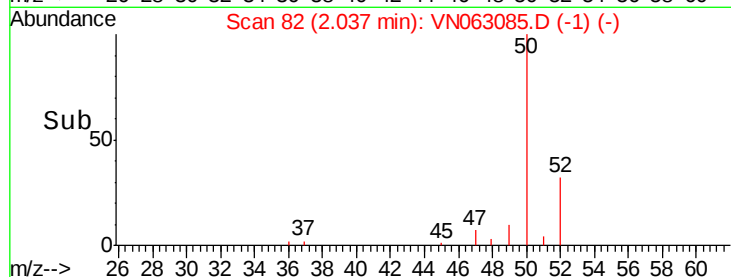
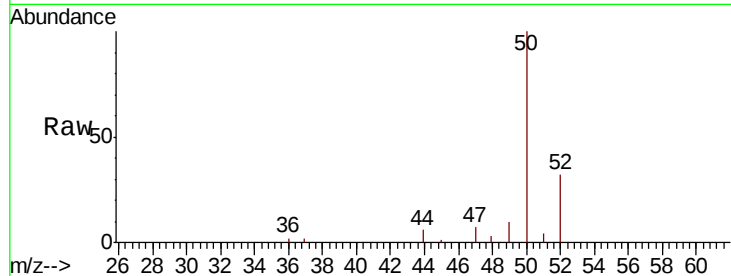
VSTDCCC020EC

Tot Ion: 50 Resp: 42668

Ion Ratio Lower Upper

50 100

52 32.0 26.0 39.0



#4

Vinyl Chloride

Concen: 19.198 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN063085.D

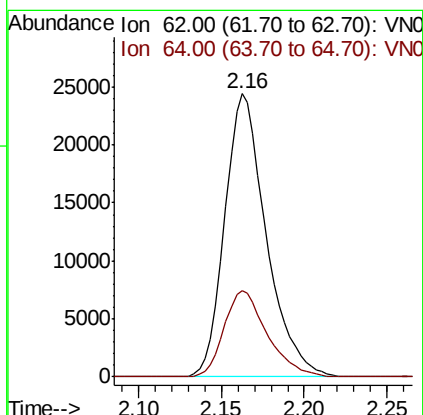
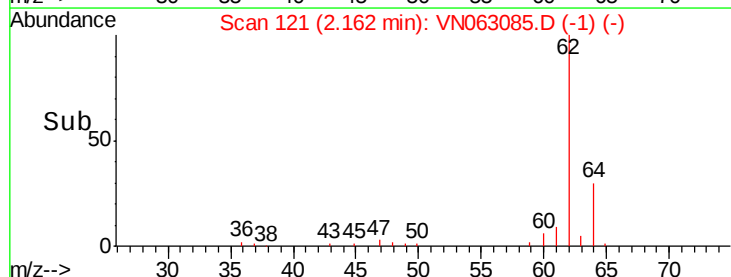
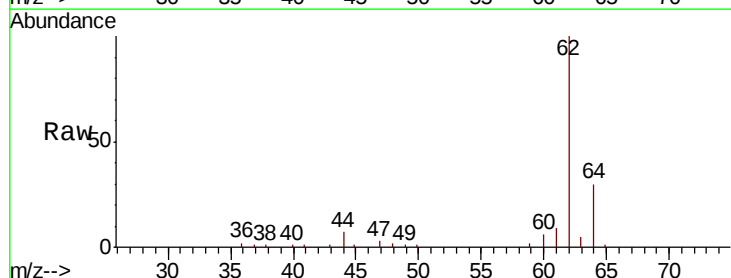
Acq: 21 Aug 2020 17:03

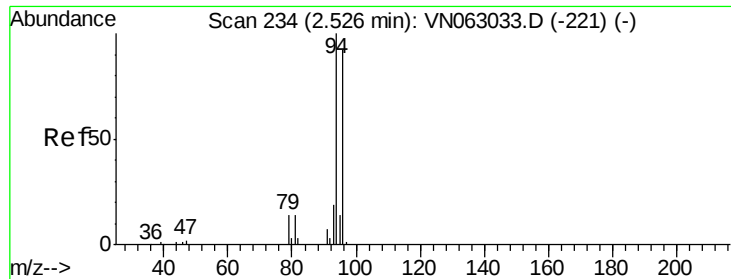
Tgt Ion: 62 Resp: 42427

Ion Ratio Lower Upper

62 100

64 30.5 25.0 37.4





#5

Bromomethane

Concen: 12.680 ug/l

RT: 2.49 min Scan# 222

Delta R.T. -0.04 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

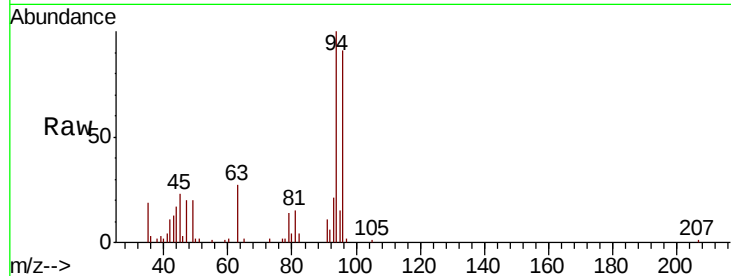
VSTDCCC020EC

Tot Ion: 94 Resp: 17273

Ion Ratio Lower Upper

94 100

96 90.9 74.0 111.0



Abundance Ion 94.00 (93.70 to 94.70): VN063033.D (-221) (-)

Ion 96.00 (95.70 to 96.70): VN063033.D (-221) (-)

2.49

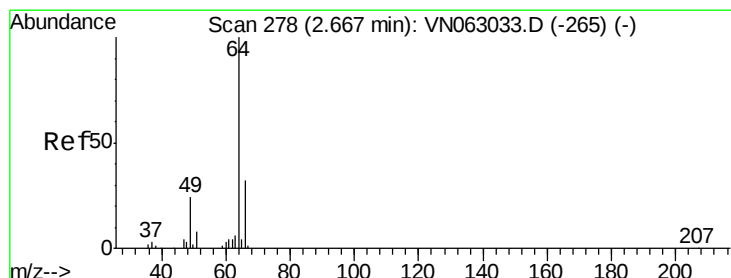
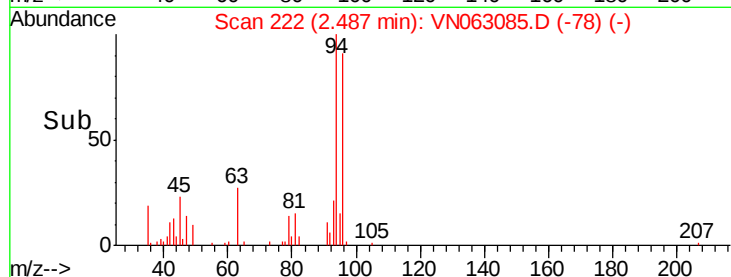
10000

5000

0

Time-->

2.45 2.50 2.55



#6

Chloroethane

Concen: 13.503 ug/l

RT: 2.59 min Scan# 254

Delta R.T. -0.08 min

Lab File: VN063085.D

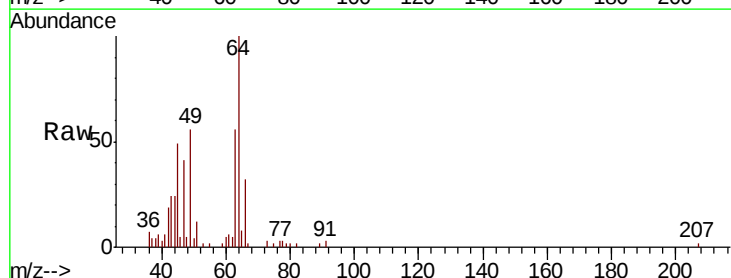
Acq: 21 Aug 2020 17:03

Tgt Ion: 64 Resp: 17637

Ion Ratio Lower Upper

64 100

66 31.7 25.8 38.8



Abundance Ion 64.00 (63.70 to 64.70): VN063033.D (-265) (-)

Ion 66.00 (65.70 to 66.70): VN063033.D (-265) (-)

10000

8000

6000

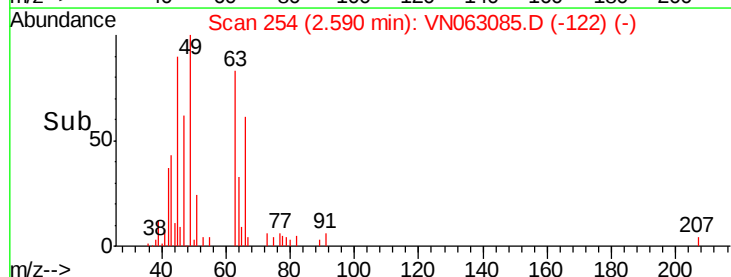
4000

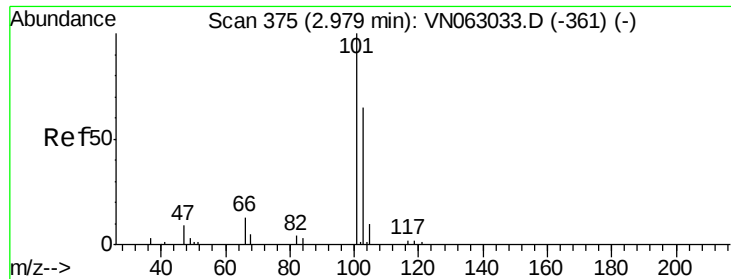
2000

0

Time-->

2.55 2.60 2.65 2.70



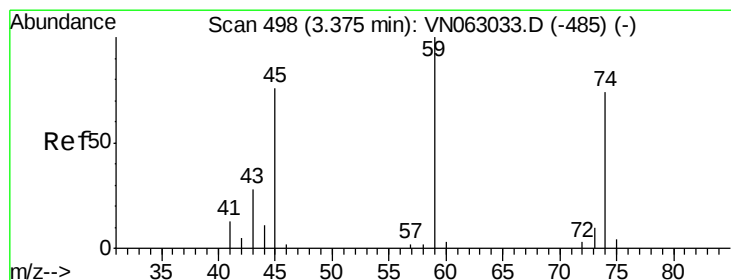
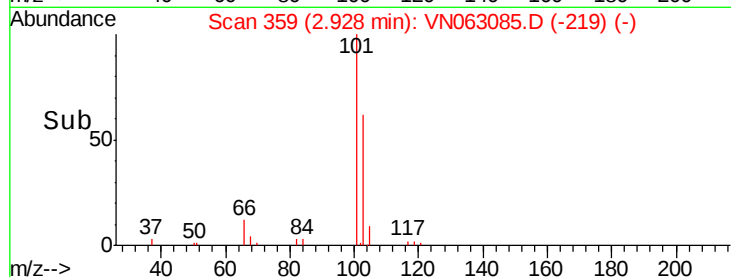
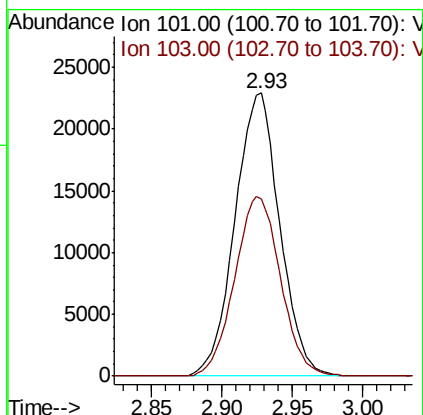
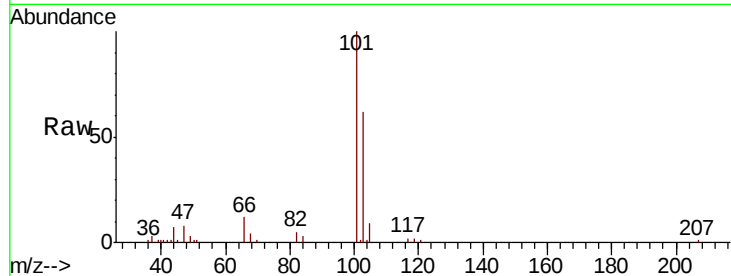


#7

Trichlorofluoromethane
 Concen: 19.114 ug/l
 RT: 2.93 min Scan# 359
 Delta R.T. -0.05 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

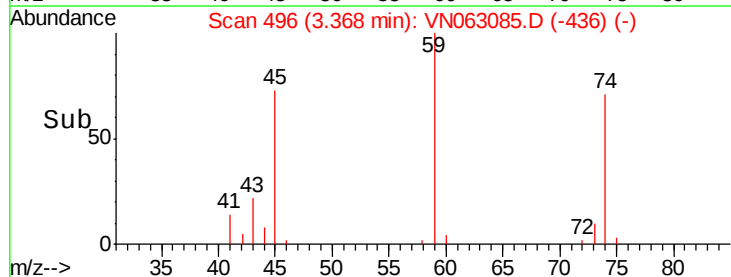
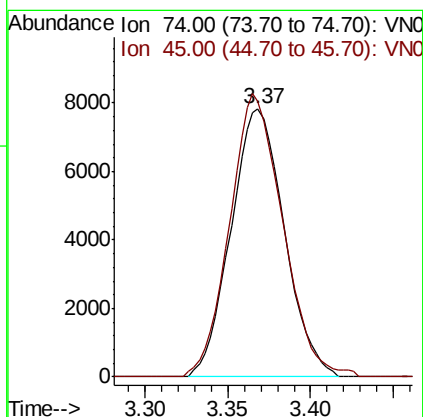
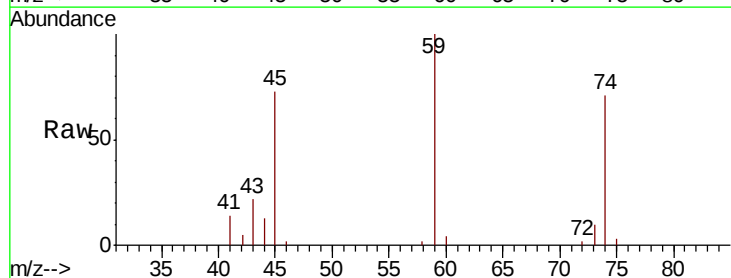
Tot Ion:101 Resp: 50940
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.9 77.9

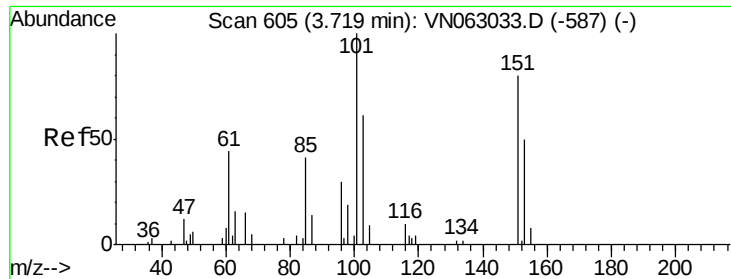


#8

Diethyl Ether
 Concen: 19.822 ug/l
 RT: 3.37 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

Tgt Ion: 74 Resp: 17570
 Ion Ratio Lower Upper
 74 100
 45 104.4 20.6 185.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.414 ug/l

RT: 3.69 min Scan# 595

Delta R.T. -0.03 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

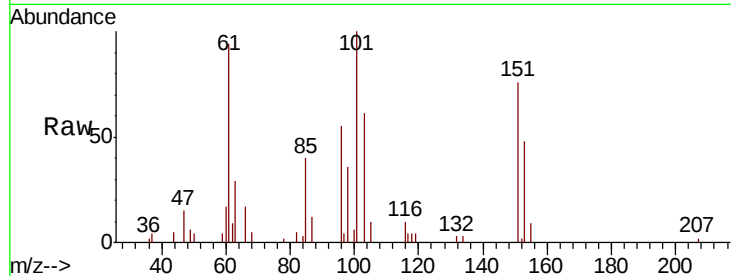
Tot Ion:101 Resp: 25094

Ion Ratio Lower Upper

101 100

85 42.3 0.0 85.0

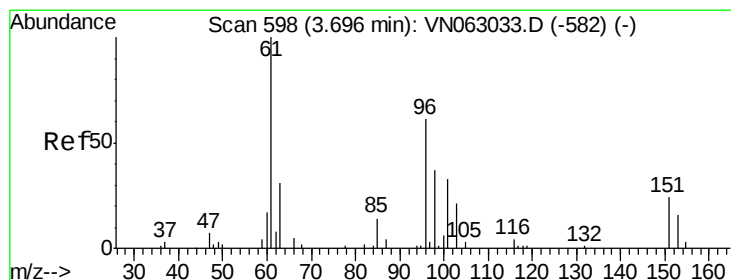
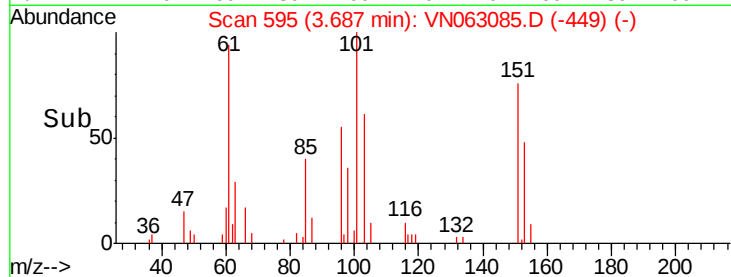
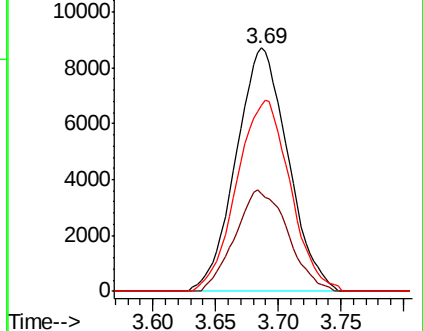
151 80.6 0.0 161.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.227 ug/l

RT: 3.67 min Scan# 589

Delta R.T. -0.03 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

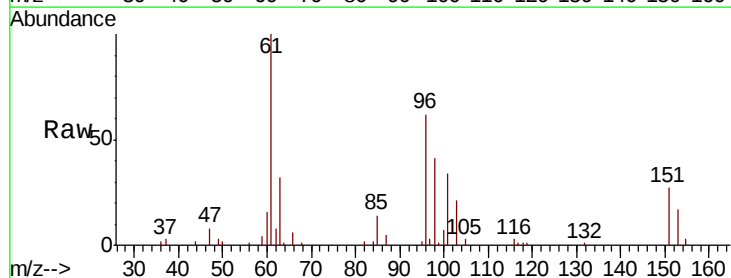
Tgt Ion: 96 Resp: 23602

Ion Ratio Lower Upper

96 100

61 160.2 130.8 196.2

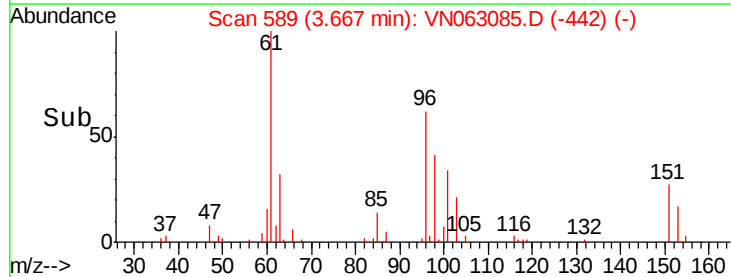
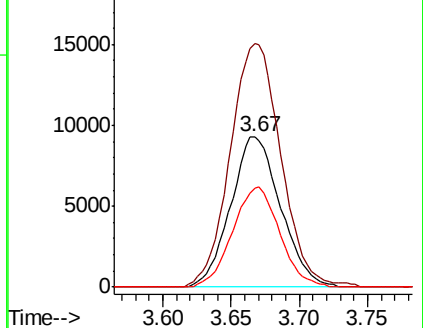
98 66.0 49.0 73.4

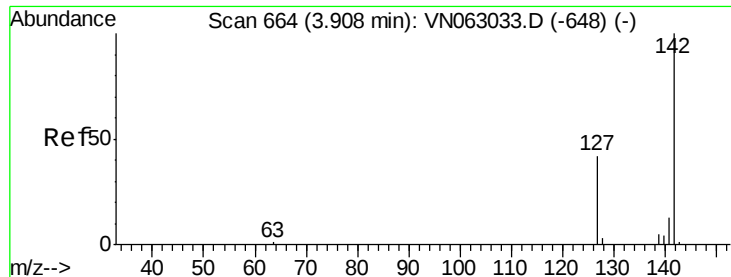


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

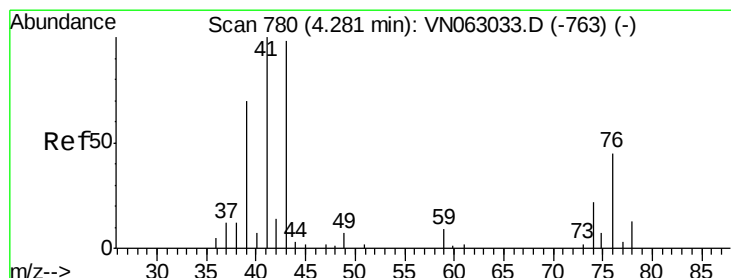
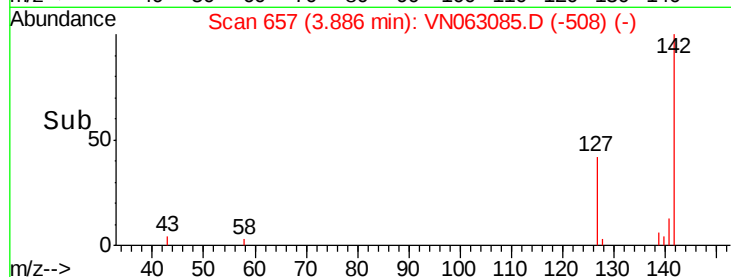
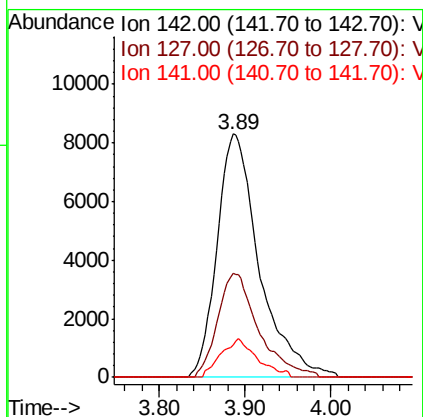
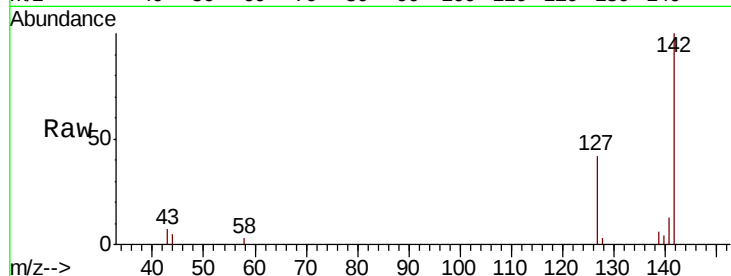




#11
Methvl Iodide
Concen: 15.964 ug/l
RT: 3.89 min Scan# 657
Delta R.T. -0.02 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

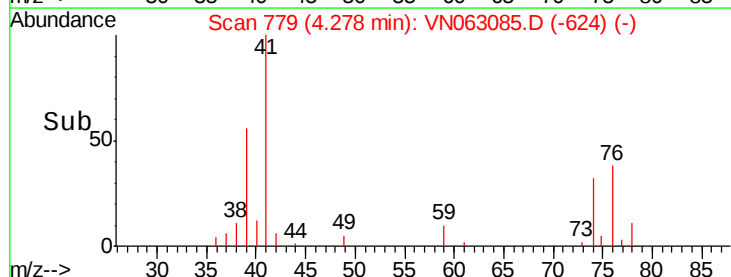
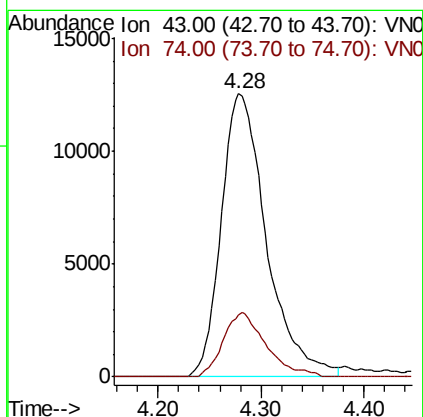
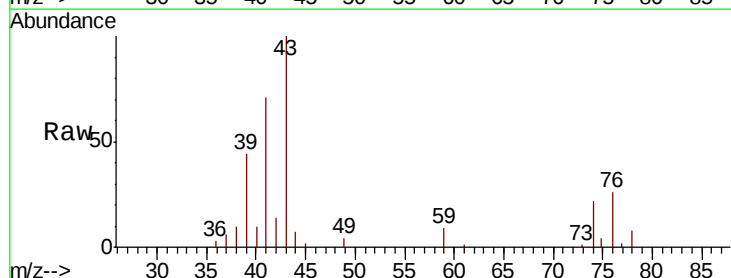
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

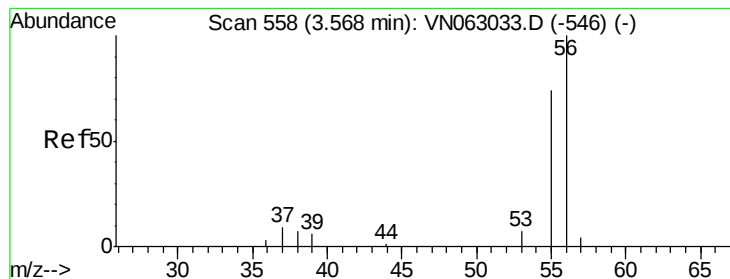
Tot Ion:142 Resp: 28361
Ion Ratio Lower Upper
142 100
127 42.5 20.9 62.8
141 13.4 6.7 20.1



#12
Methyl Acetate
Concen: 22.168 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Tgt Ion: 43 Resp: 38262
Ion Ratio Lower Upper
43 100
74 22.2 18.6 27.8





#13

Acrolein

Concen: 97.595 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

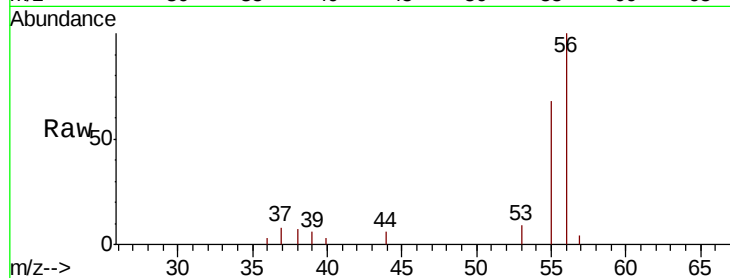
VSTDCCC020EC

Tot Ion: 56 Resp: 17264

Ion Ratio Lower Upper

56 100

55 70.6 58.7 88.1



Abundance Ion 56.00 (55.70 to 56.70): VN063033.D (-546) (-)

Ion 55.00 (54.70 to 55.70): VN063033.D (-546) (-)

8000

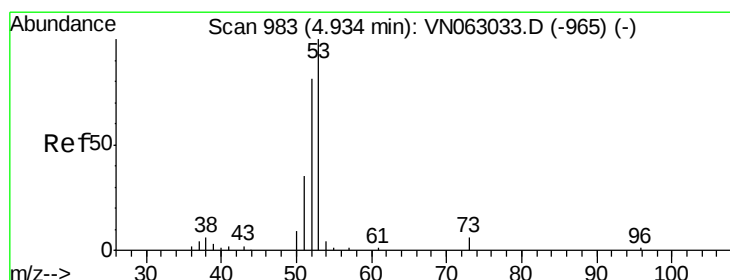
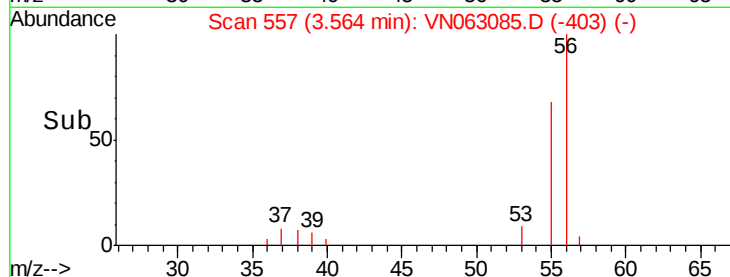
6000

4000

2000

0

Time-->



#14

Acrylonitrile

Concen: 98.996 ug/l

RT: 4.93 min Scan# 983

Delta R.T. -0.00 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

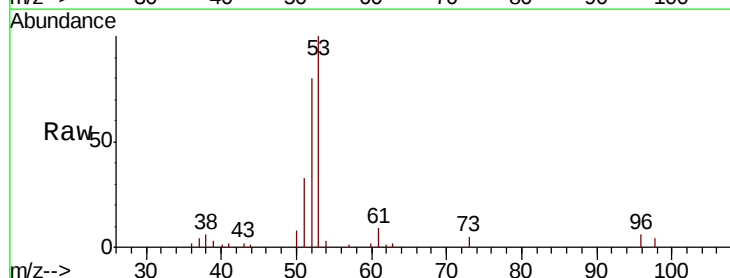
Tgt Ion: 53 Resp: 74817

Ion Ratio Lower Upper

53 100

52 80.6 39.9 119.7

51 35.3 17.0 51.0



Abundance Ion 53.00 (52.70 to 53.70): VN063033.D (-965) (-)

Ion 52.00 (51.70 to 52.70): VN063033.D (-965) (-)

Ion 51.00 (50.70 to 51.70): VN063033.D (-965) (-)

25000

20000

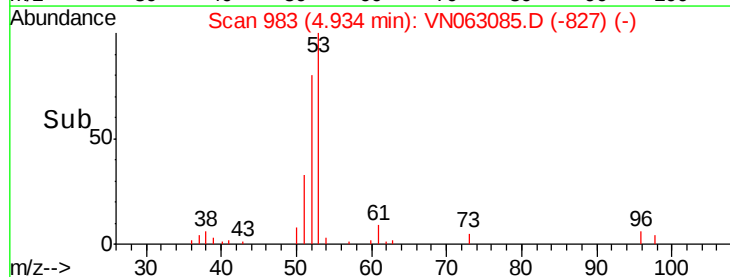
15000

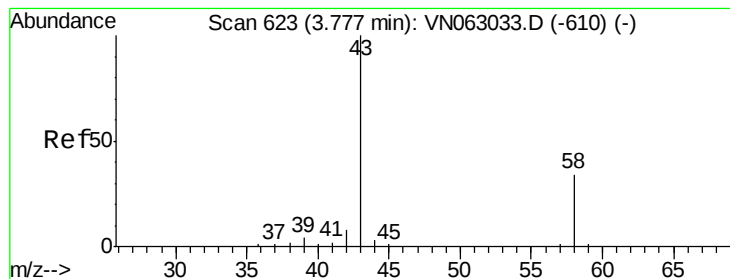
10000

5000

0

Time-->





#15

Acetone

Concen: 74.869 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

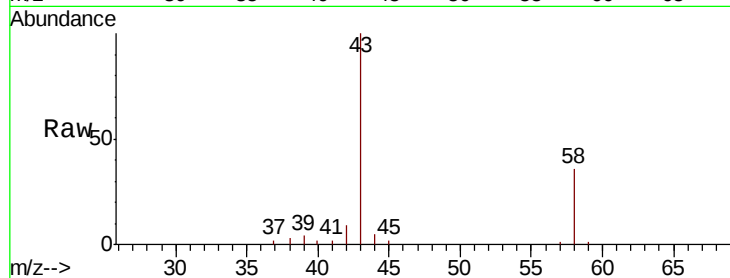
VSTDCCC020EC

Tot Ion: 58 Resp: 16376

Ion Ratio Lower Upper

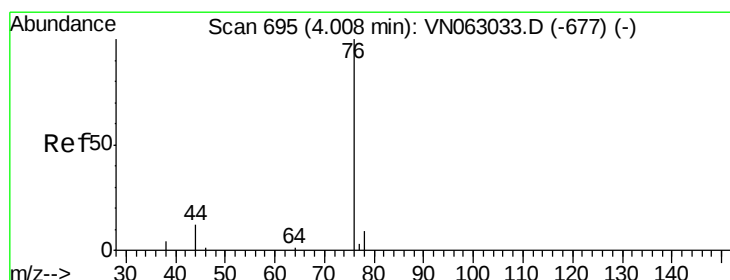
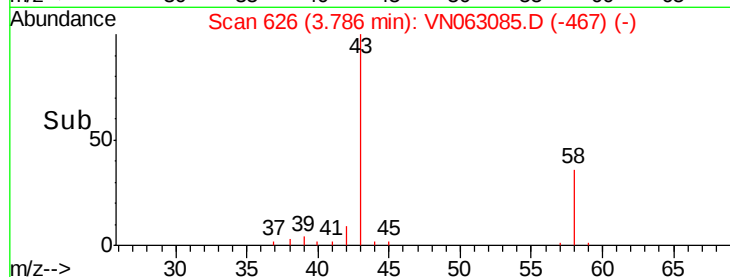
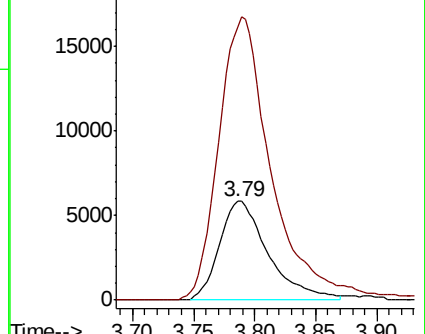
58 100

43 268.7 233.2 349.8



Abundance Ion 58.00 (57.70 to 58.70): VN063033.D (-610) (-)

Ion 43.00 (42.70 to 43.70): VN063033.D (-610) (-)



#16

Carbon Disulfide

Concen: 16.992 ug/l

RT: 3.98 min Scan# 687

Delta R.T. -0.03 min

Lab File: VN063085.D

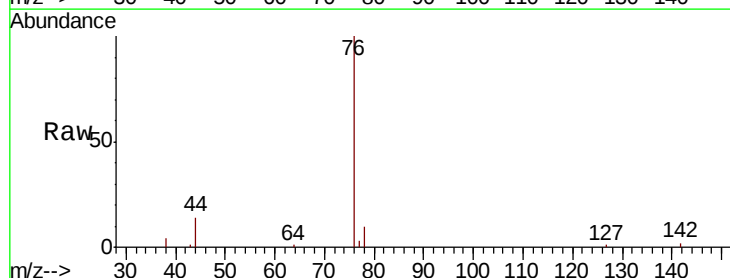
Acq: 21 Aug 2020 17:03

Tgt Ion: 76 Resp: 59066

Ion Ratio Lower Upper

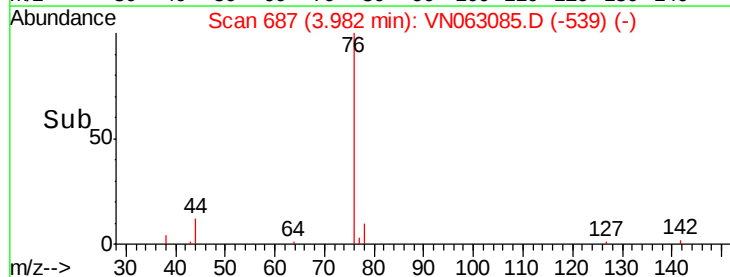
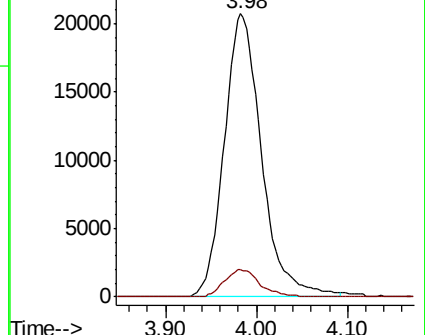
76 100

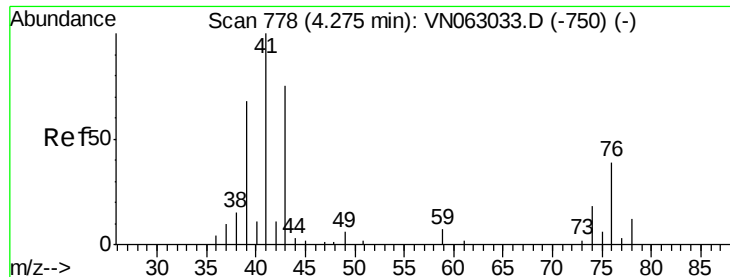
78 9.7 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VN063033.D (-677) (-)

Ion 78.00 (77.70 to 78.70): VN063033.D (-677) (-)

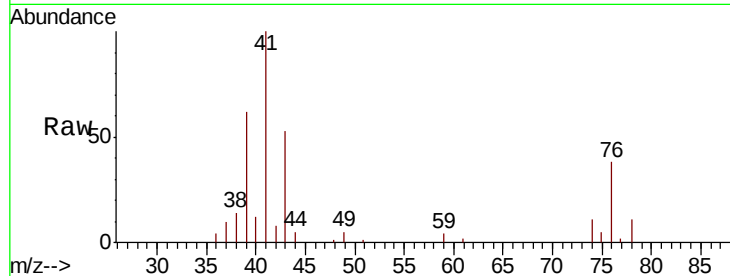




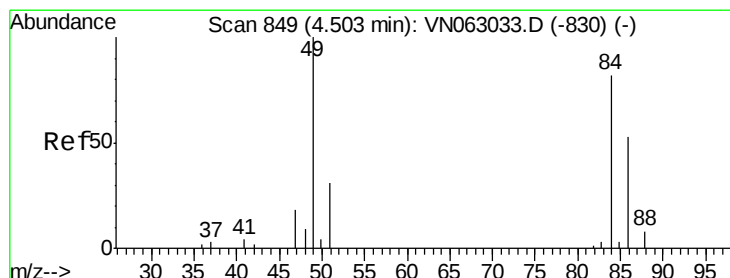
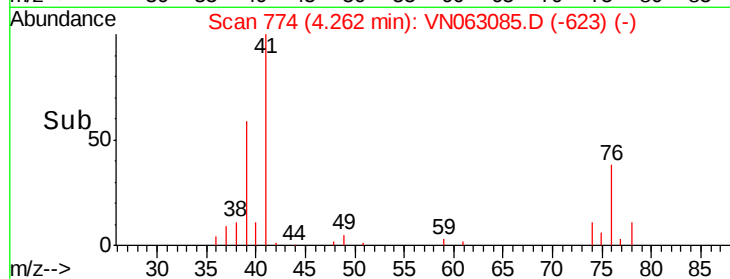
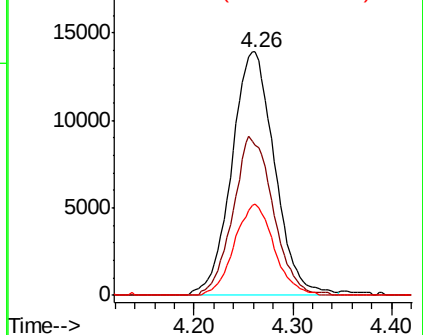
#17
Allvl chloride
Concen: 17.667 ug/l
RT: 4.26 min Scan# 774
Delta R.T. -0.01 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 41 Resp: 41977
Ion Ratio Lower Upper
41 100
39 61.6 33.8 101.4
76 37.5 19.4 58.4

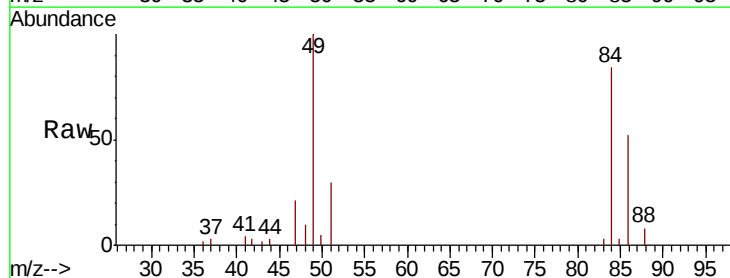


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 76.00 (75.70 to 76.70): VN0

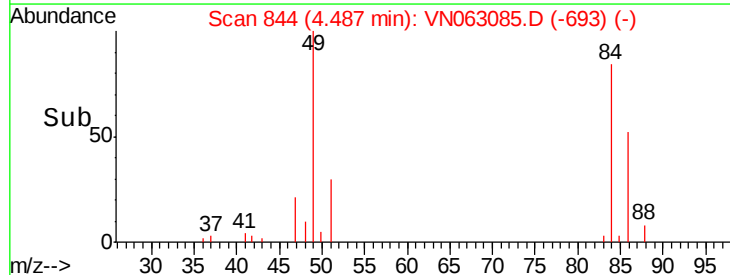
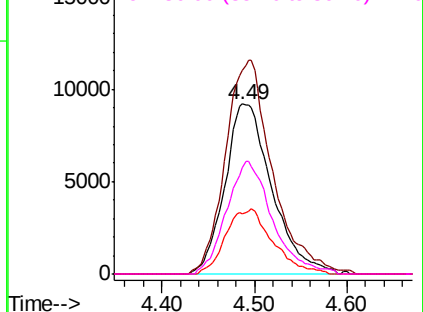


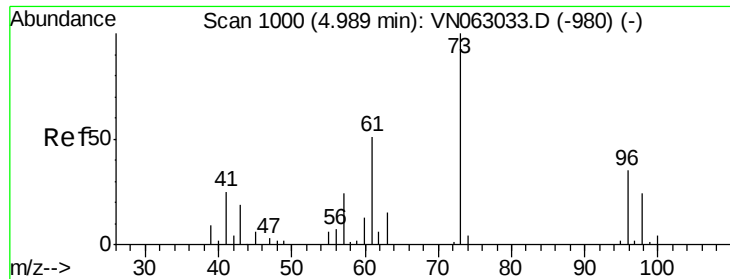
#18
Methylene Chloride
Concen: 17.907 ug/l
RT: 4.49 min Scan# 844
Delta R.T. -0.02 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Tgt Ion: 84 Resp: 32442
Ion Ratio Lower Upper
84 100
49 119.5 97.8 146.8
51 35.6 30.7 46.1
86 62.3 51.5 77.3



Abundance Ion 84.00 (83.70 to 84.70): VN0
Ion 49.00 (48.70 to 49.70): VN0
Ion 51.00 (50.70 to 51.70): VN0
Ion 86.00 (85.70 to 86.70): VN0

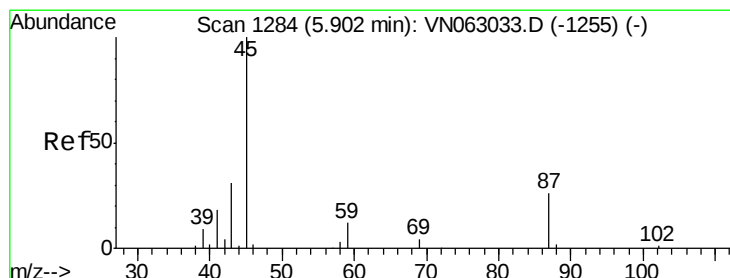
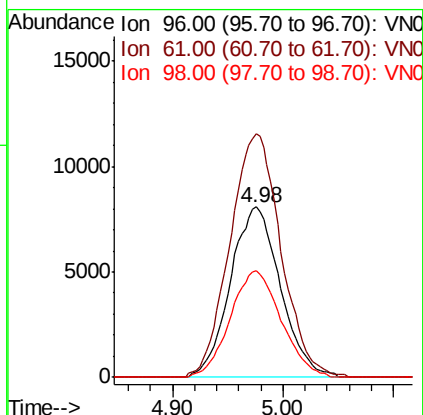
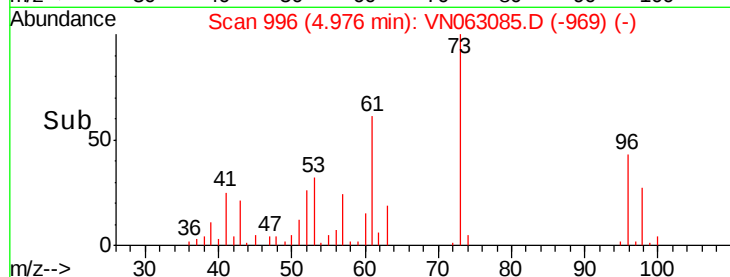
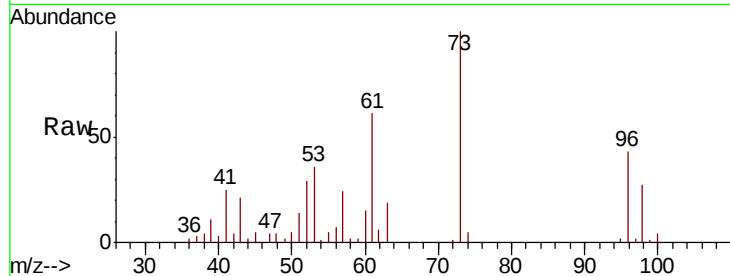




#19
trans-1,2-Dichloroethene
Concen: 17.831 ug/l
RT: 4.98 min Scan# 996
Delta R.T. -0.01 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

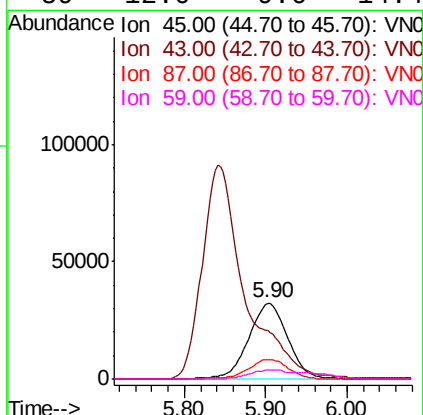
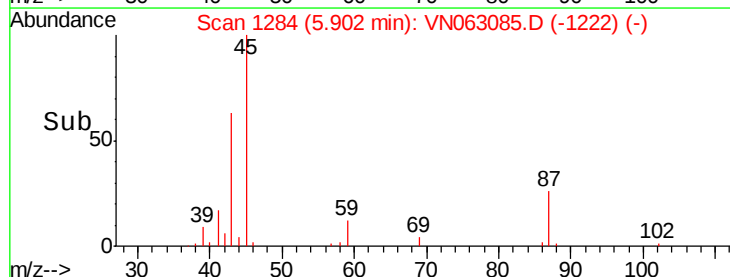
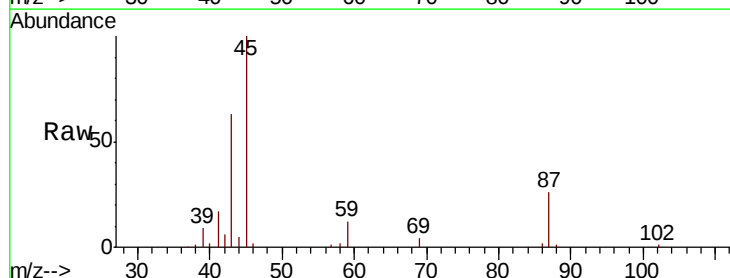
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

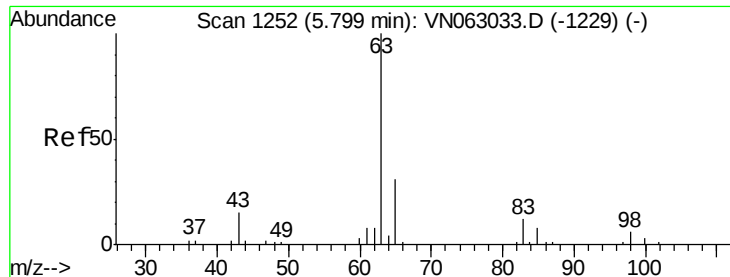
Tot Ion: 96 Resp: 25389
Ion Ratio Lower Upper
96 100
61 141.0 115.9 173.9
98 62.4 53.3 79.9



#20
Diisopropyl ether
Concen: 19.351 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Tgt Ion: 45 Resp: 107686
Ion Ratio Lower Upper
45 100
43 59.6 51.8 77.6
87 26.0 21.8 32.6
59 12.0 9.6 14.4

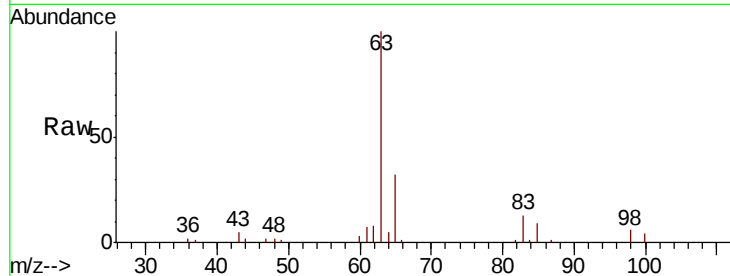




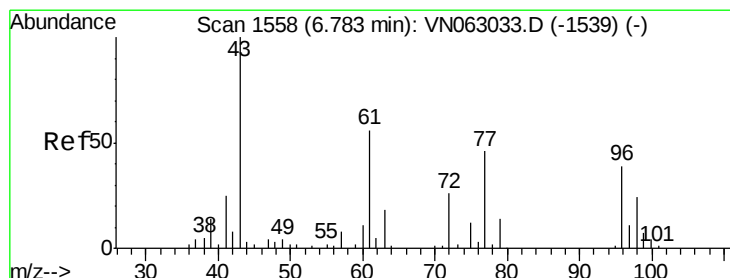
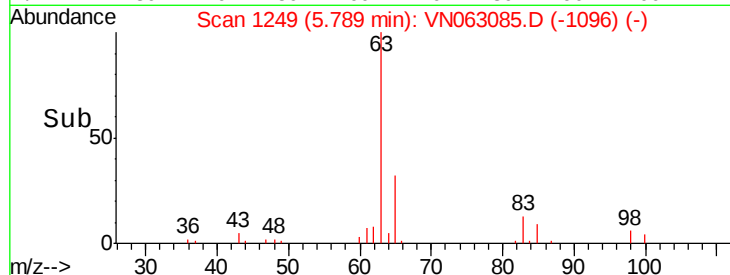
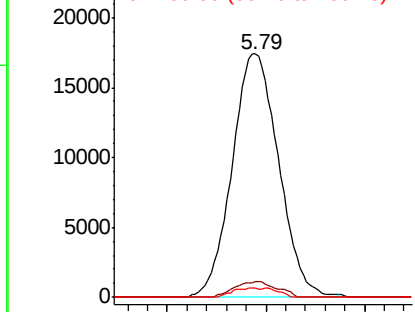
#21
 1,1-Dichloroethane
 Concen: 18.656 ug/l
 RT: 5.79 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:	63	Resp:	56979
Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.1	9.3
100	3.8	1.8	5.3

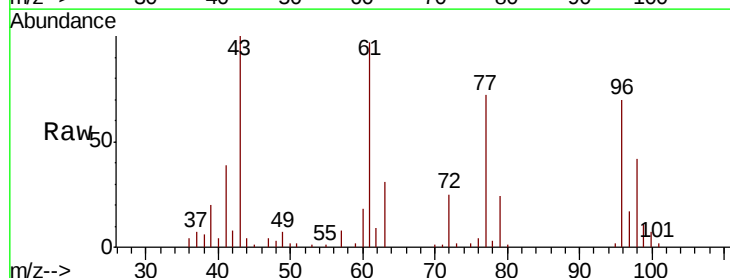


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

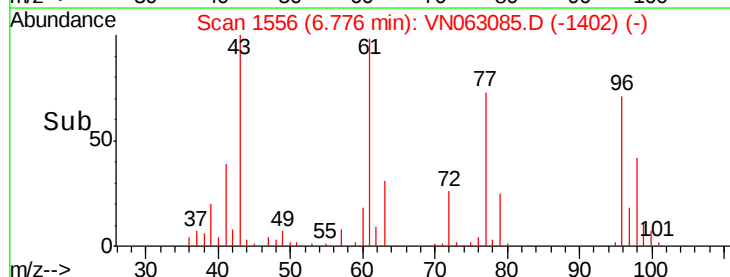
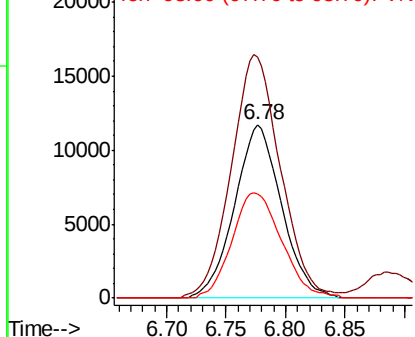


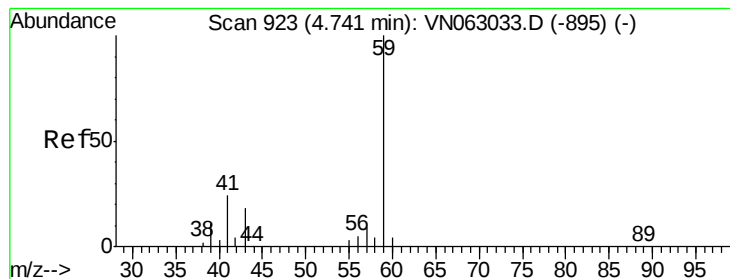
#22
 cis-1,2-Dichloroethene
 Concen: 18.171 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

Tgt Ion:	96	Resp:	32064
Ion	Ratio	Lower	Upper
96	100		
61	146.9	120.9	181.3
98	64.1	50.3	75.5



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



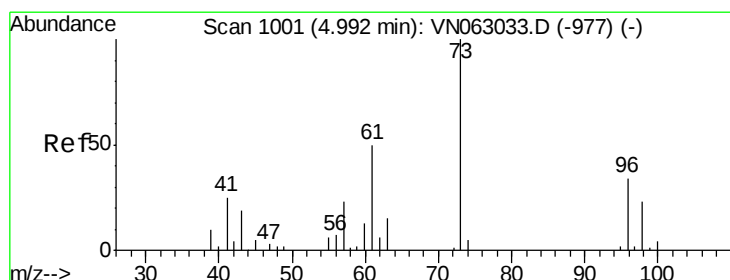
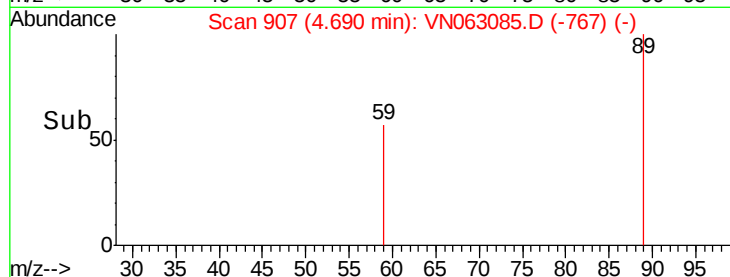
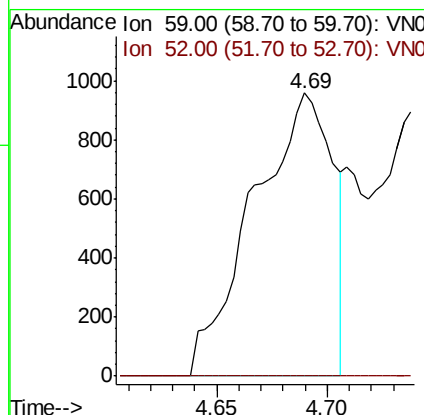
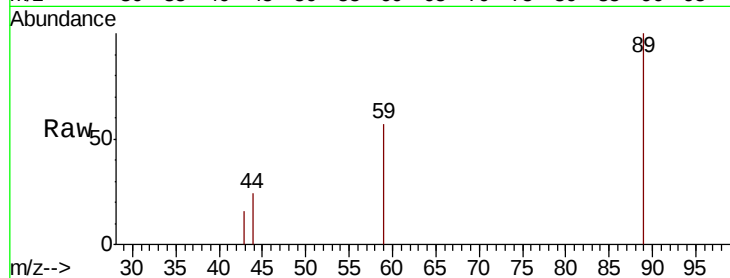


#23

tert-Butyl Alcohol
 Concen: 9.665 ug/l
 RT: 4.69 min Scan# 907
 Delta R.T. -0.05 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

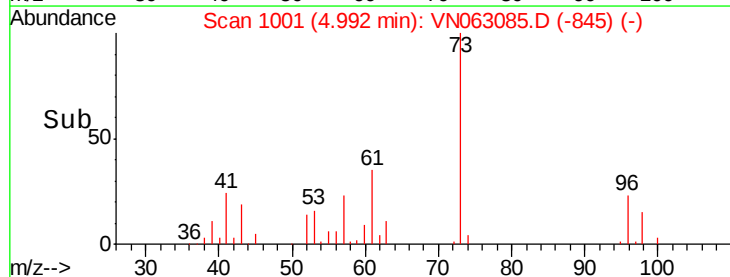
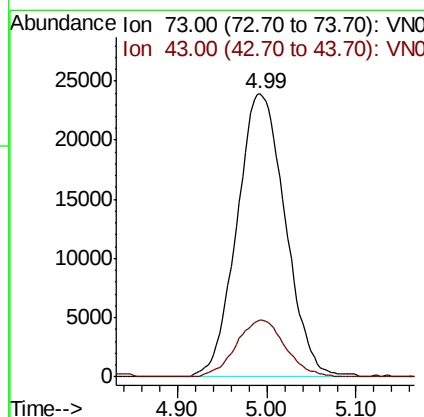
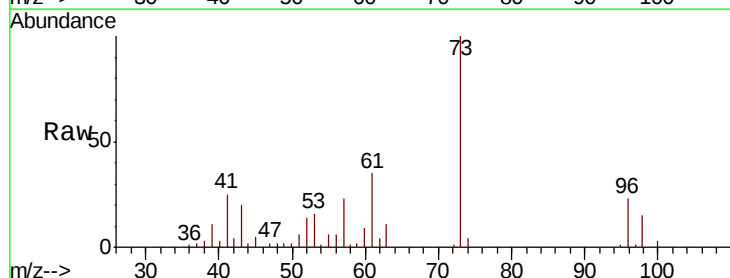
Tot Ion: 59 Resp: 2393
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

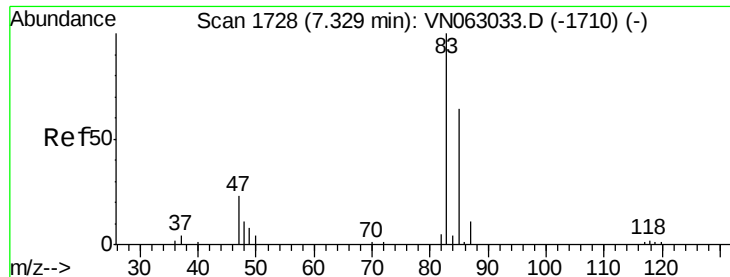


#24

Methyl tert-Butyl Ether
 Concen: 18.949 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

Tgt Ion: 73 Resp: 90012
 Ion Ratio Lower Upper
 73 100
 43 20.3 15.8 23.6

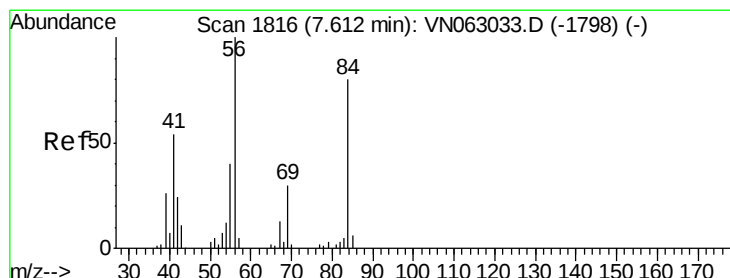
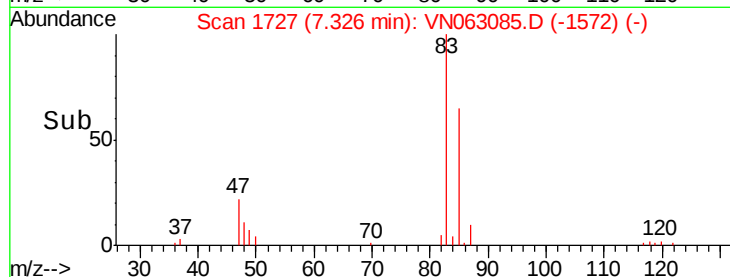
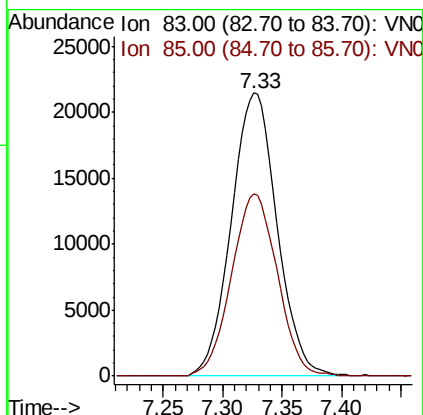
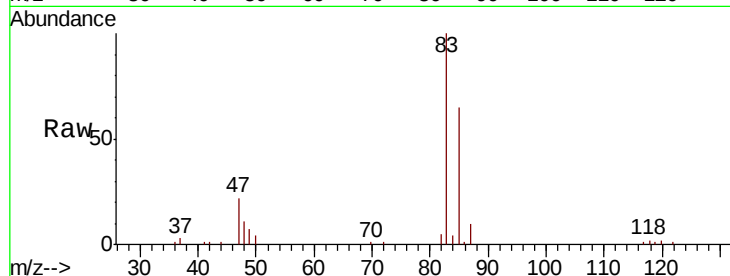




#25
Chloroform
Concen: 18.795 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

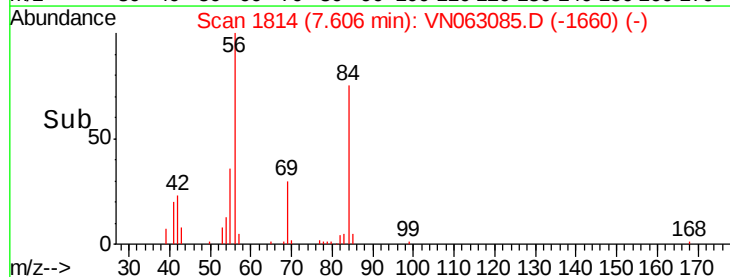
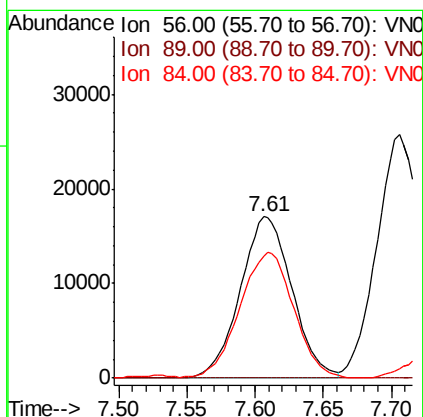
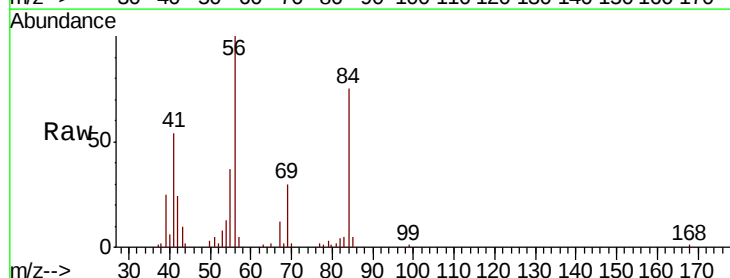
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

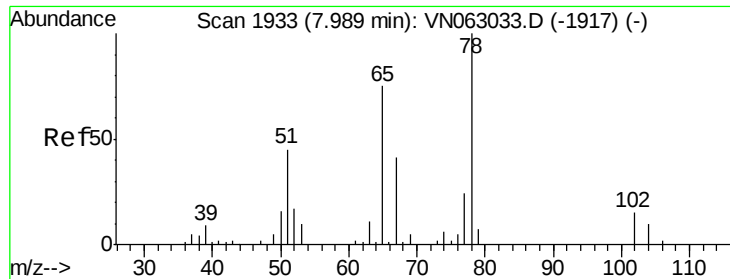
Tot Ion: 83 Resp: 57165
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.4



#26
Cyclohexane
Concen: 17.084 ug/l
RT: 7.61 min Scan# 1814
Delta R.T. -0.01 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Tgt Ion: 56 Resp: 44917
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 81.4 65.0 97.4





#27

1,2-Dichloroethane-d4

Concen: 31.237 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

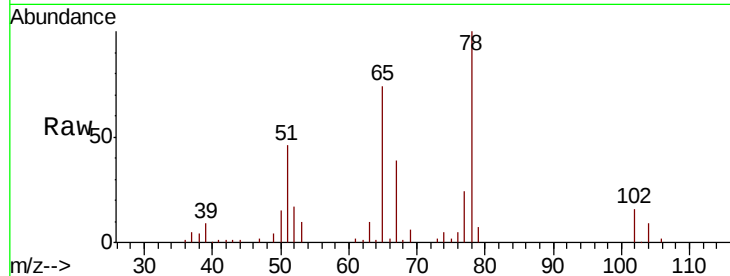
VSTDCCC020EC

Tot Ion: 65 Resp: 61413

Ion Ratio Lower Upper

65 100

67 53.8 43.8 65.6



Abundance Ion 65.00 (64.70 to 65.70): VN063033.D (-1917) (-)

Ion 67.00 (66.70 to 67.70): VN063033.D (-1917) (-)

7.99

25000

20000

15000

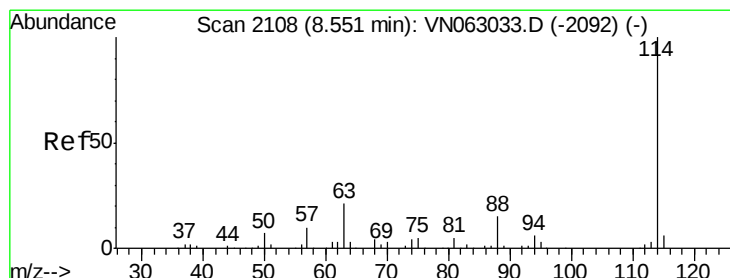
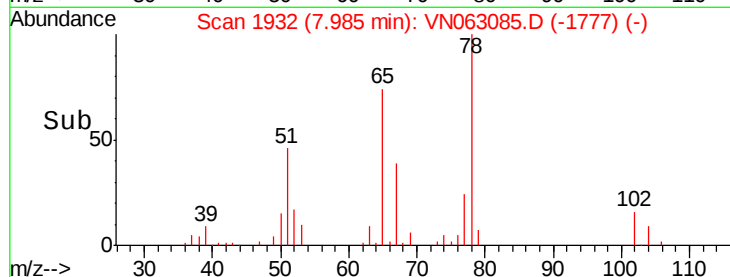
10000

5000

0

7.90 7.95 8.00 8.05

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

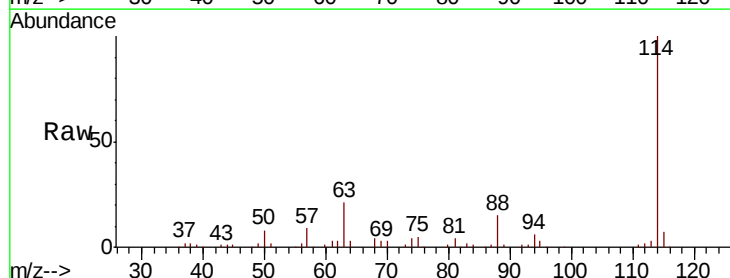
Tgt Ion: 114 Resp: 148293

Ion Ratio Lower Upper

114 100

63 21.4 17.0 25.6

88 15.3 12.6 18.8



Abundance Ion 114.00 (113.70 to 114.70): VN063033.D (-2092) (-)

Ion 63.00 (62.70 to 63.70): VN063033.D (-2092) (-)

Ion 88.00 (87.70 to 88.70): VN063033.D (-2092) (-)

8.55

80000

60000

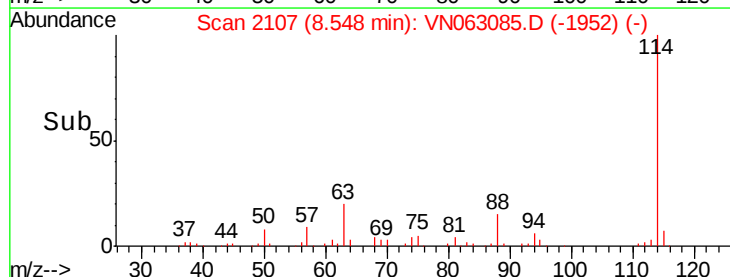
40000

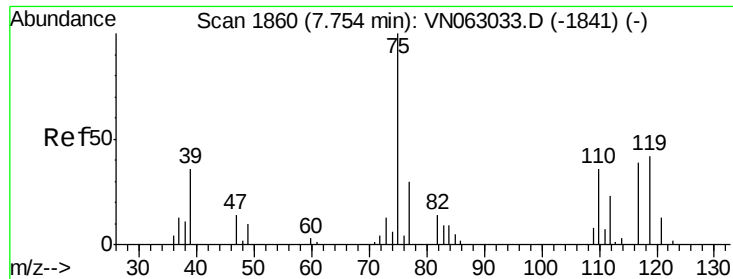
20000

0

8.45 8.50 8.55 8.60 8.65

Time-->





#29

1,1-Dichloropropene

Concen: 17.033 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

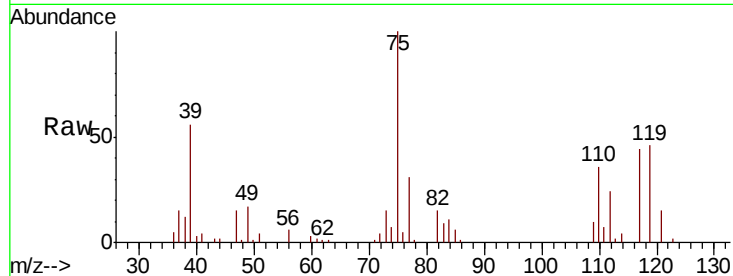
Tot Ion: 75 Resp: 36681

Ion Ratio Lower Upper

75 100

110 34.7 0.0 70.6

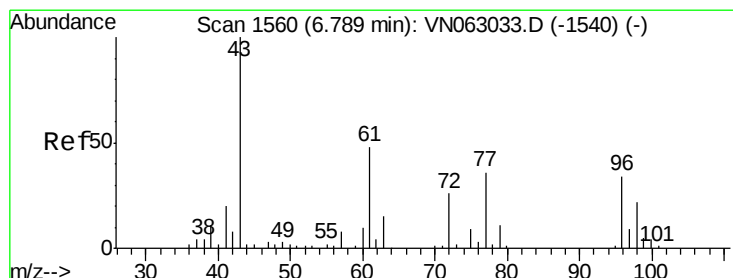
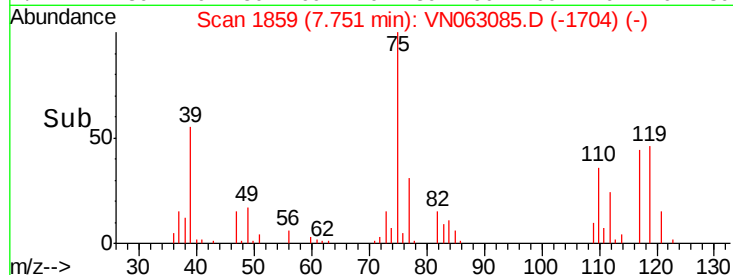
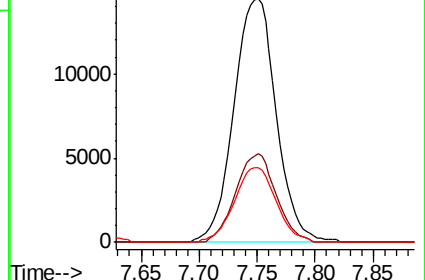
77 30.4 0.0 60.2



Abundance Ion 75.00 (74.70 to 75.70): VN063033.D (-1841) (-)

Ion 110.00 (109.70 to 110.70): VN063033.D (-1841) (-)

Ion 77.00 (76.70 to 77.70): VN063033.D (-1841) (-)



#30

2-Butanone

Concen: 83.815 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.00 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

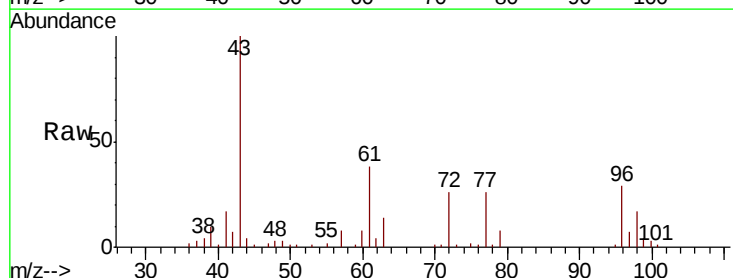
Tgt Ion: 43 Resp: 84131

Ion Ratio Lower Upper

43 100

57 8.2 6.6 9.8

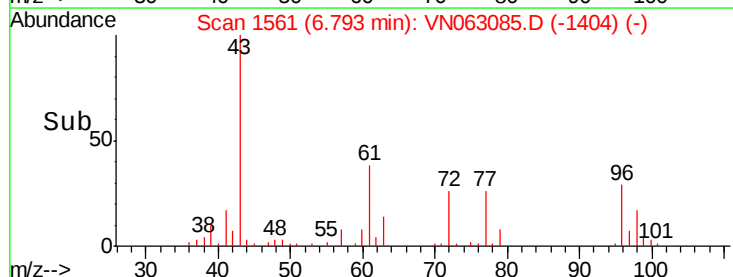
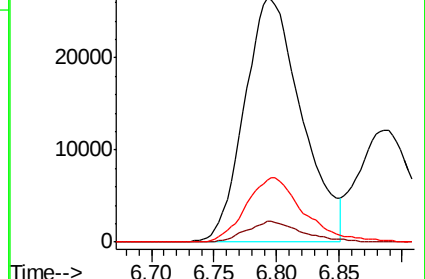
72 26.6 21.3 31.9

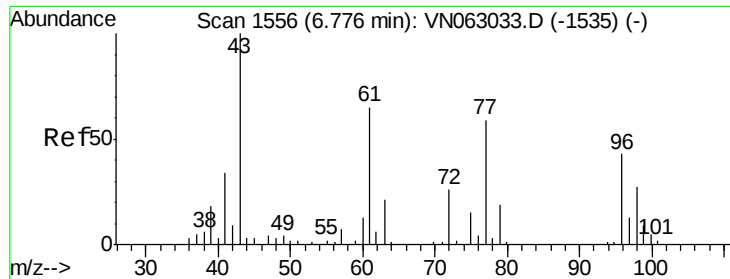


Abundance Ion 43.00 (42.70 to 43.70): VN063033.D (-1540) (-)

Ion 57.00 (56.70 to 57.70): VN063033.D (-1540) (-)

Ion 72.00 (71.70 to 72.70): VN063033.D (-1540) (-)





#31

2,2-Dichloropropane

Concen: 15.582 ug/l

RT: 6.77 min Scan# 1553

Delta R.T. -0.01 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

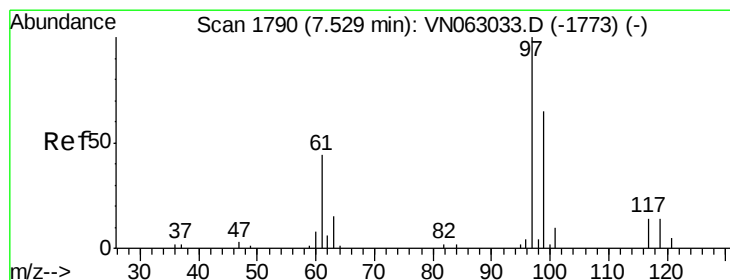
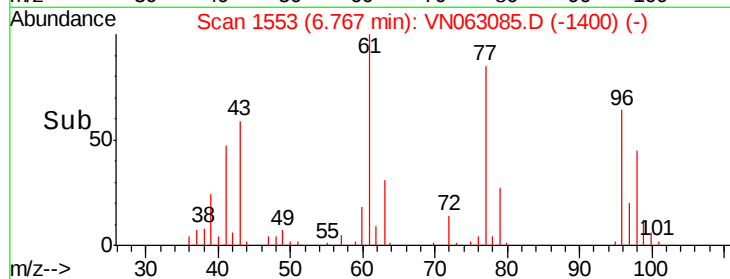
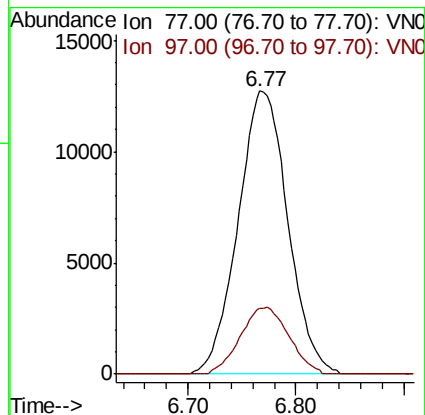
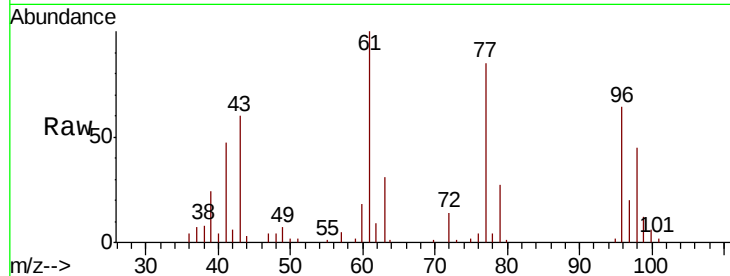
VSTDCCC020EC

Tot Ion: 77 Resp: 40788

Ion Ratio Lower Upper

77 100

97 23.1 18.2 27.4



#32

1,1,1-Trichloroethane

Concen: 17.662 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

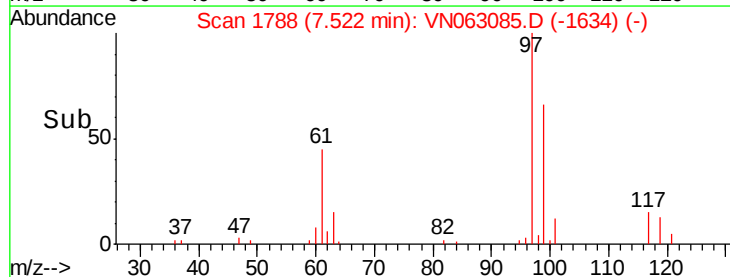
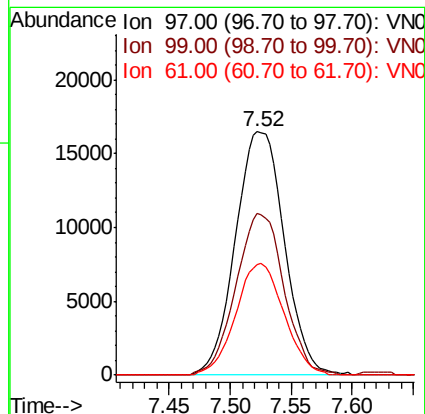
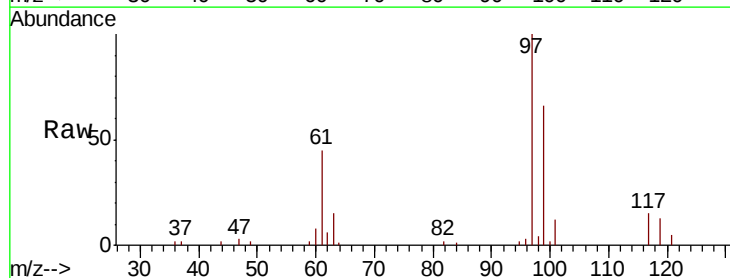
Tgt Ion: 97 Resp: 45812

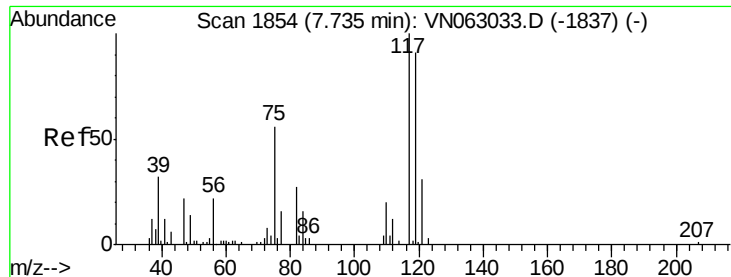
Ion Ratio Lower Upper

97 100

99 65.1 51.7 77.5

61 45.3 35.3 52.9

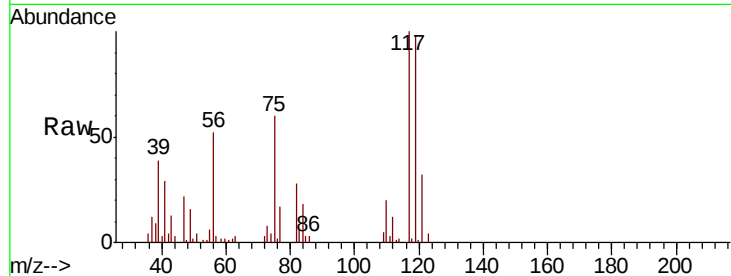




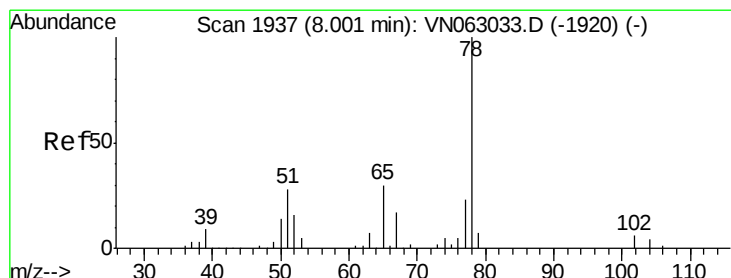
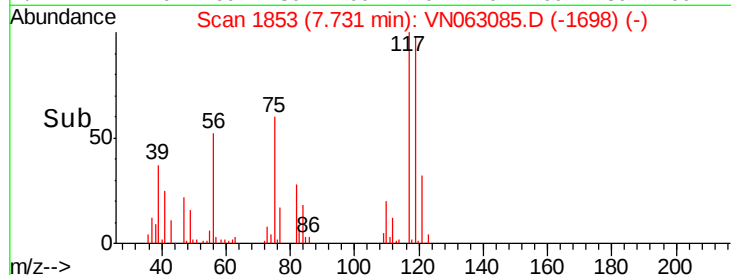
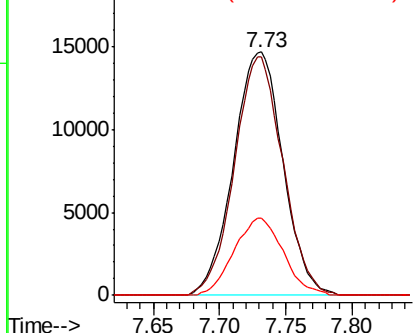
#33
Carbon Tetrachloride
Concen: 17.237 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:117 Resp: 38073
Ion Ratio Lower Upper
117 100
119 97.8 73.0 109.4
121 31.7 24.9 37.3

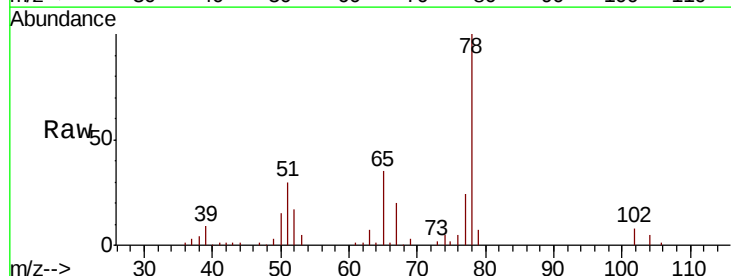


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

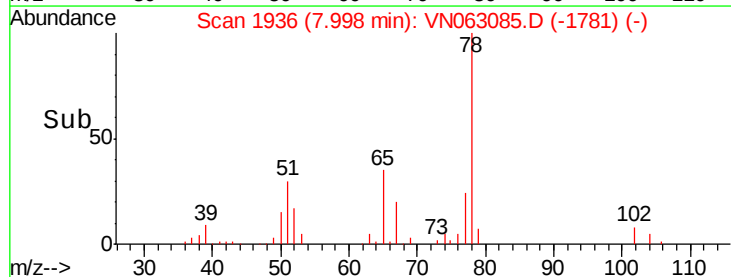
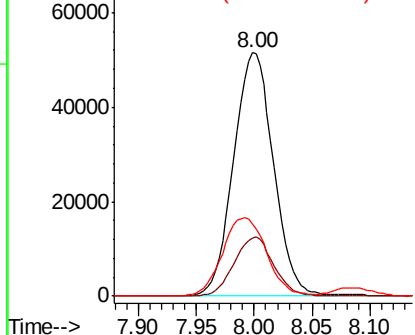


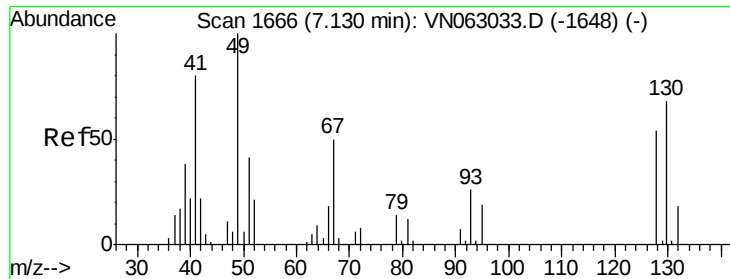
#34
Benzene
Concen: 17.872 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Tgt Ion: 78 Resp: 123338
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8
51 29.4 22.2 33.2



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

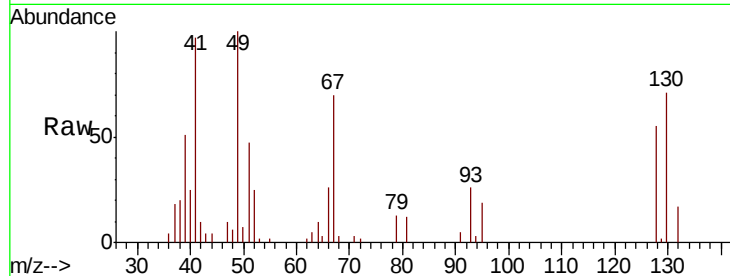




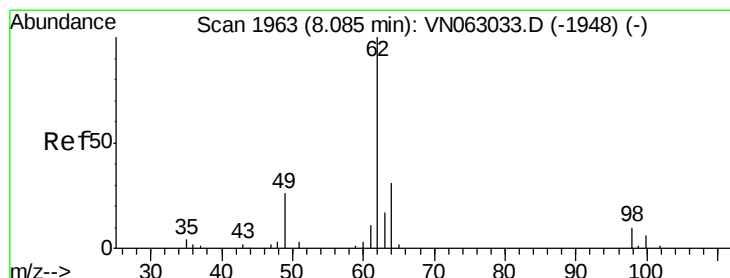
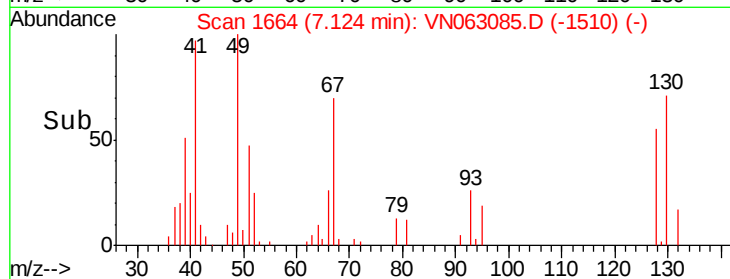
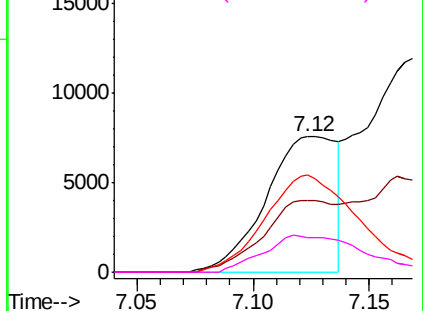
#35
Methacrylonitrile
Concen: 16.786 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 41 Resp: 16014
Ion Ratio Lower Upper
41 100
39 52.9 23.7 71.1
67 71.7 31.6 94.7
52 25.8 13.1 39.3

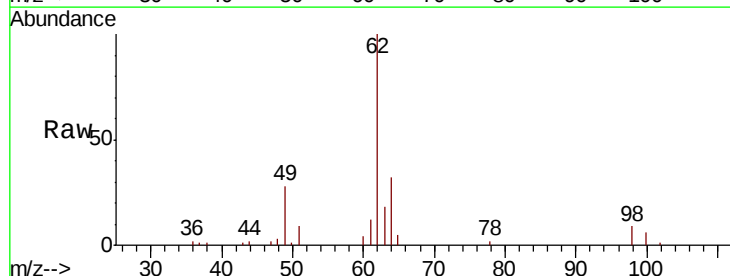


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

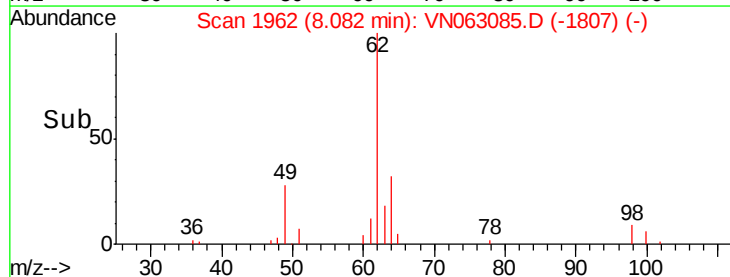
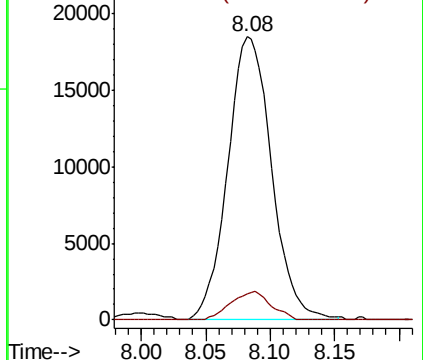


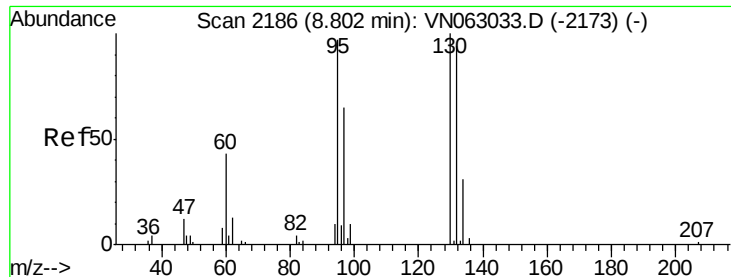
#36
1,2-Dichloroethane
Concen: 18.591 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Tgt Ion: 62 Resp: 43772
Ion Ratio Lower Upper
62 100
98 9.2 7.6 11.4



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

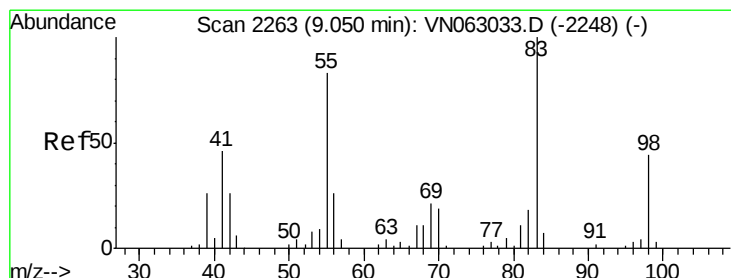
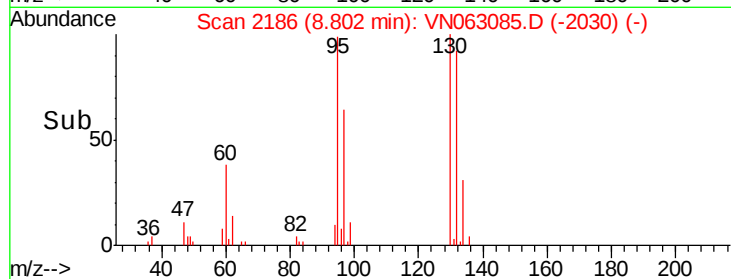
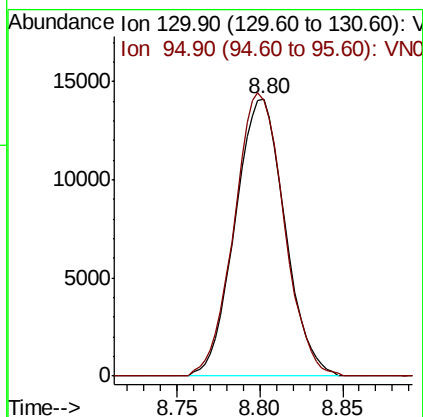
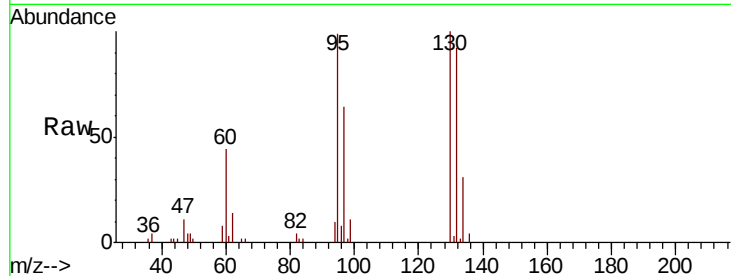




#37
 Trichloroethene
 Concen: 17.486 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

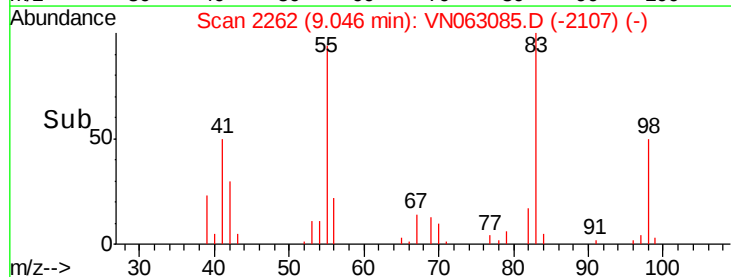
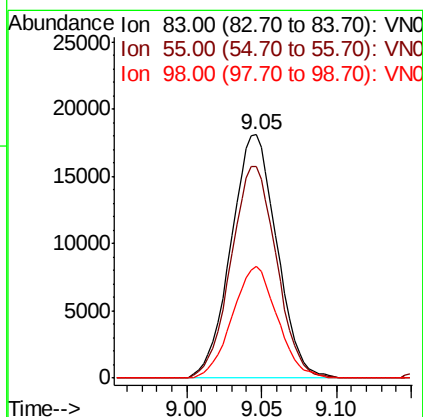
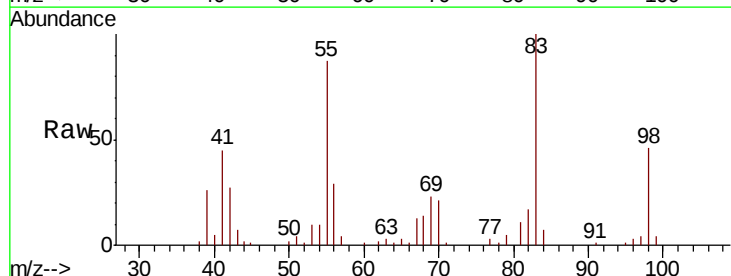
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

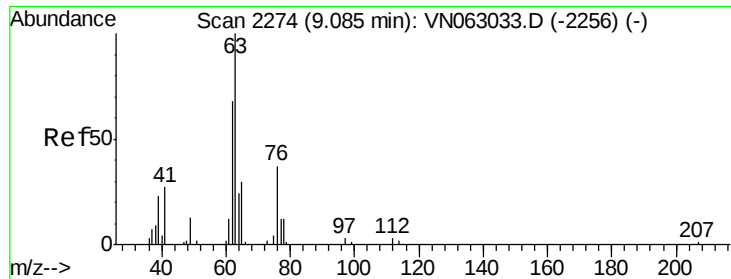
Tot Ion:130 Resp: 29554
 Ion Ratio Lower Upper
 130 100
 95 99.5 78.9 118.3



#38
 Methylcyclohexane
 Concen: 14.275 ug/l
 RT: 9.05 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

Tgt Ion: 83 Resp: 38560
 Ion Ratio Lower Upper
 83 100
 55 86.3 41.9 125.7
 98 45.2 22.2 66.6





#39

1,2-Dichloropropane

Concen: 18.488 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

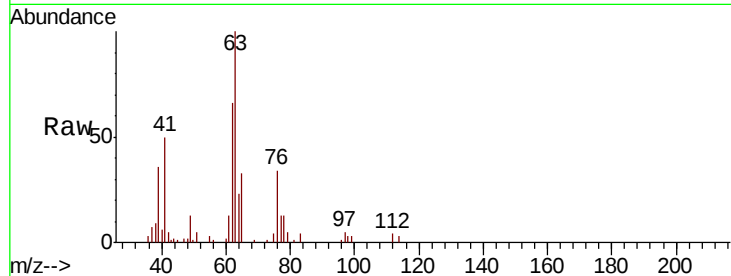
VSTDCCC020EC

Tot Ion: 63 Resp: 37134

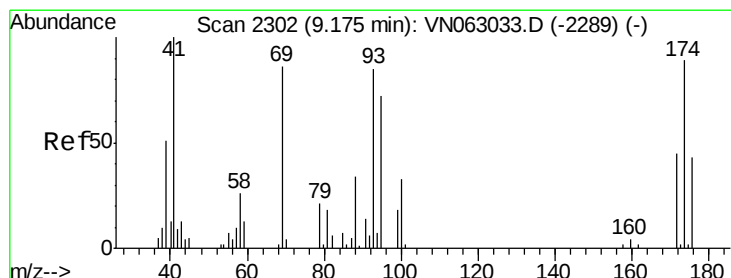
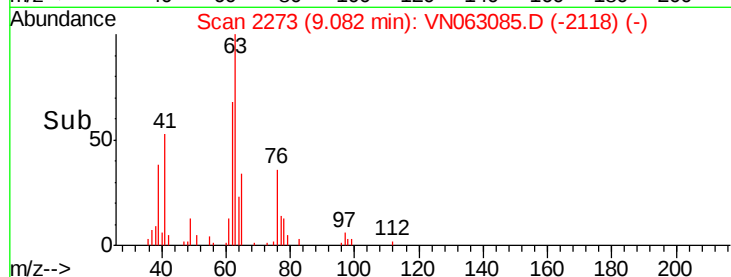
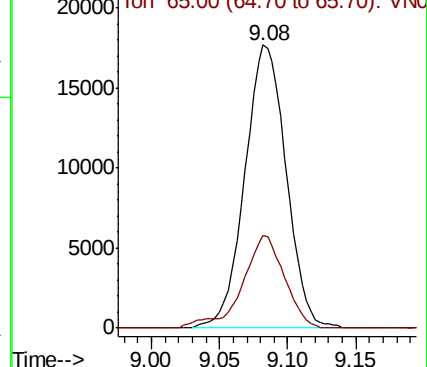
Ion Ratio Lower Upper

63 100

65 32.6 25.1 37.7



Abundance Ion 63.00 (62.70 to 63.70): VN063033.D (-2256) (-)



#40

Dibromomethane

Concen: 18.804 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

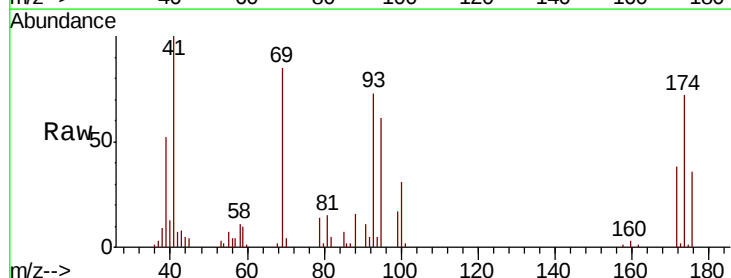
Tgt Ion: 93 Resp: 21929

Ion Ratio Lower Upper

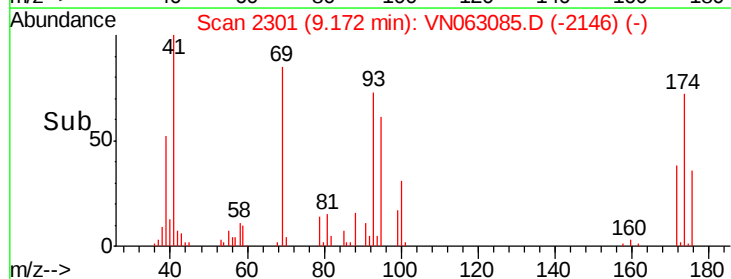
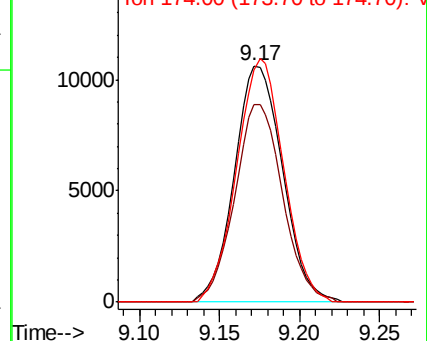
93 100

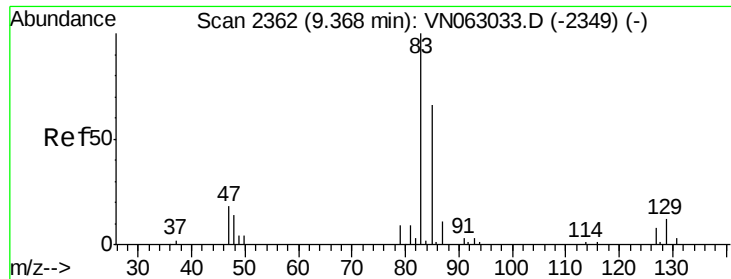
95 82.9 0.0 168.2

174 100.0 0.0 208.4



Abundance Ion 93.00 (92.70 to 93.70): VN063033.D (-2289) (-)

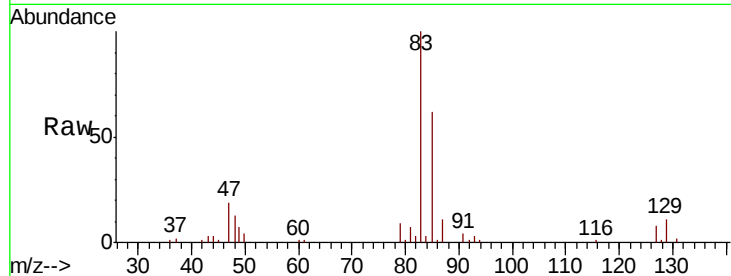




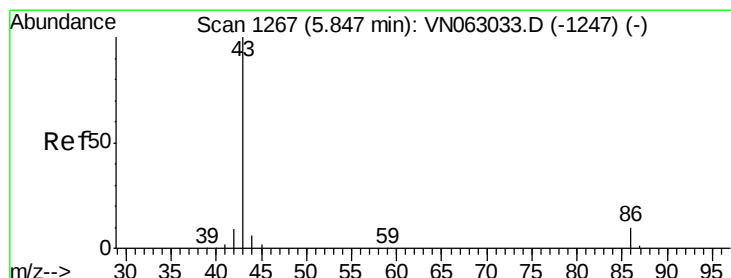
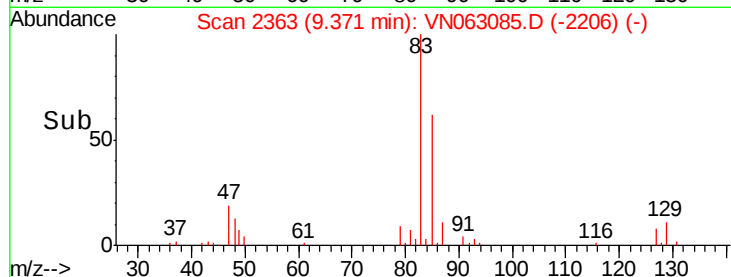
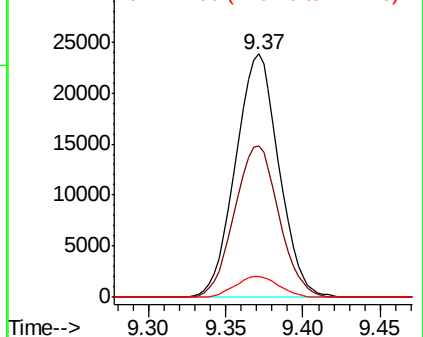
#41
 Bromodichloromethane
 Concen: 17.979 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 83 Resp: 46463
 Ion Ratio Lower Upper
 83 100
 85 62.5 52.6 79.0
 127 8.4 7.4 11.0

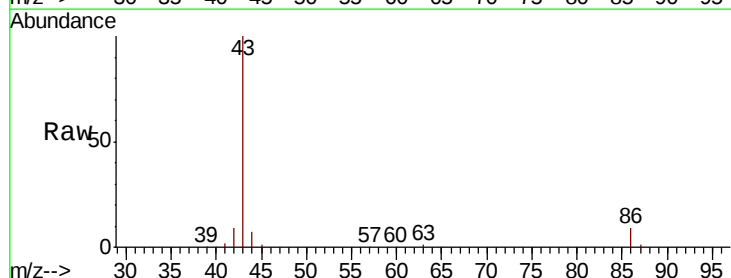


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 85.00 (84.70 to 85.70): VN0
 Ion 127.00 (126.70 to 127.70): VN0

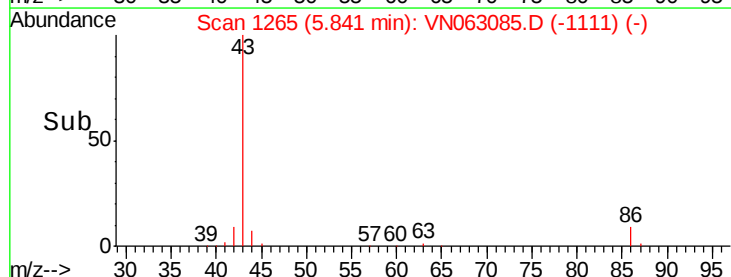
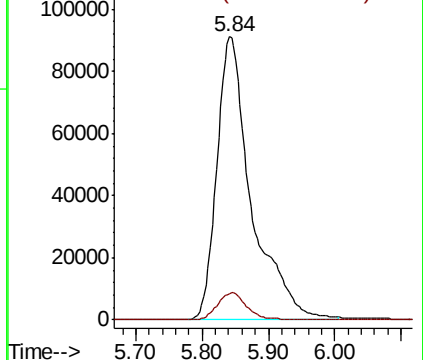


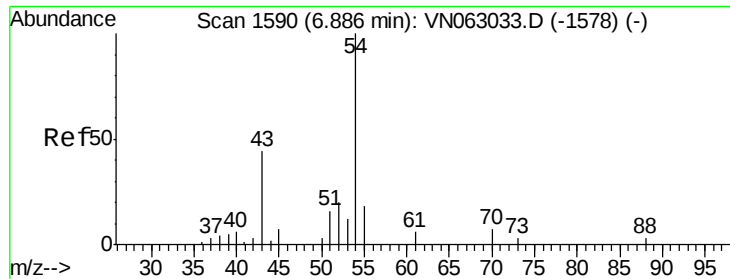
#42
 Vinyl Acetate
 Concen: 86.959 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

Tgt Ion: 43 Resp: 330660
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 19.239 ug/l

RT: 6.89 min Scan# 1590

Delta R.T. -0.00 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

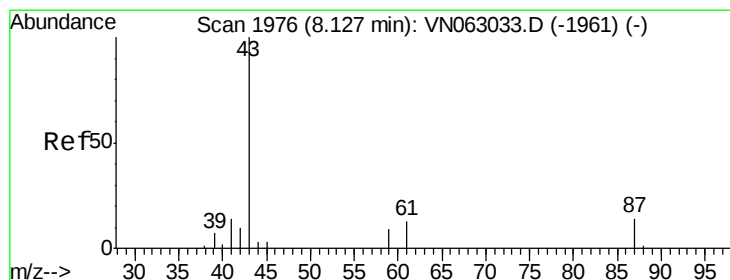
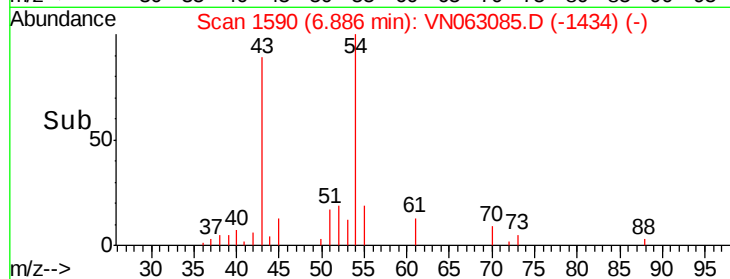
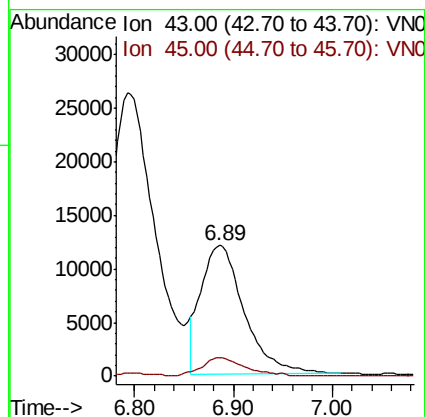
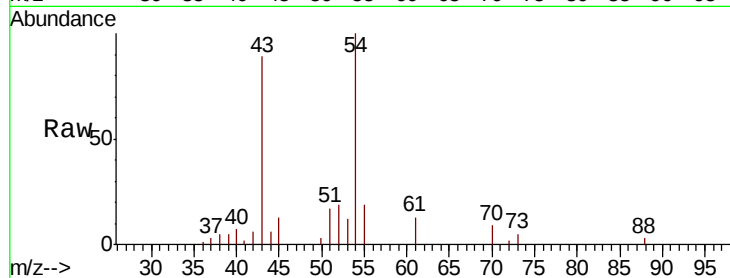
VSTDCCC020EC

Tot Ion: 43 Resp: 36860

Ion Ratio Lower Upper

43 100

45 14.0 11.3 16.9



#44

Isopropyl Acetate

Concen: 18.936 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN063085.D

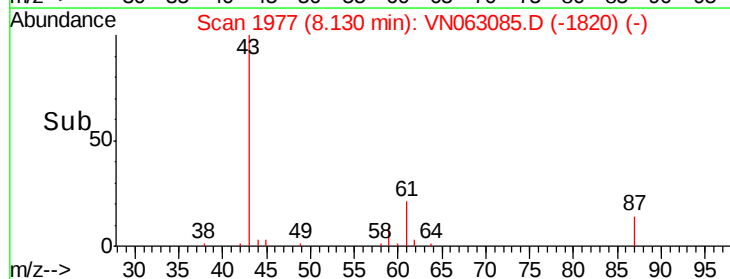
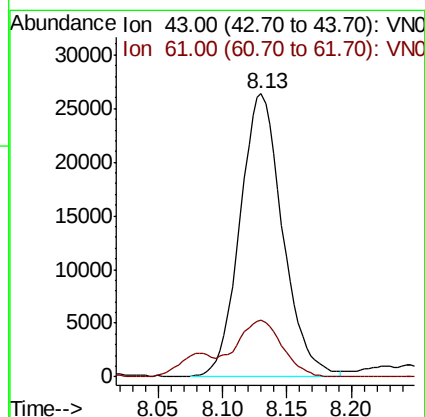
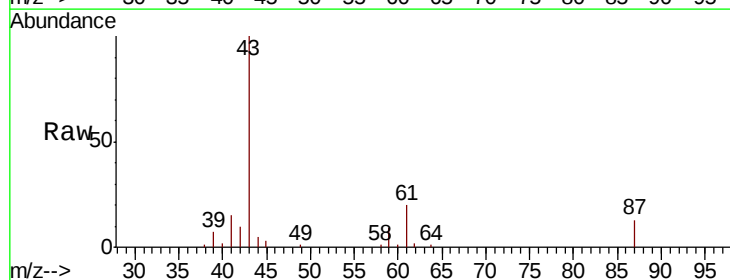
Acq: 21 Aug 2020 17:03

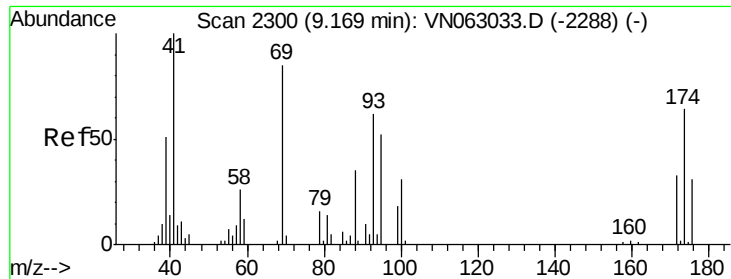
Tgt Ion: 43 Resp: 60903

Ion Ratio Lower Upper

43 100

61 19.7 17.5 26.3

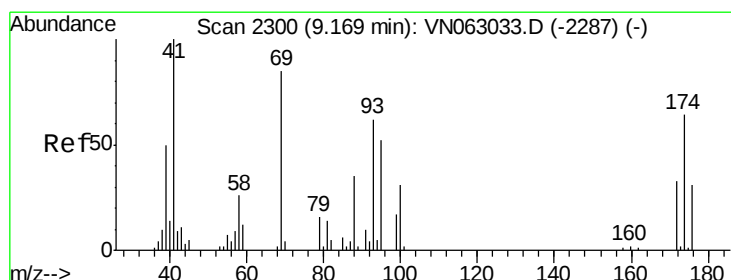
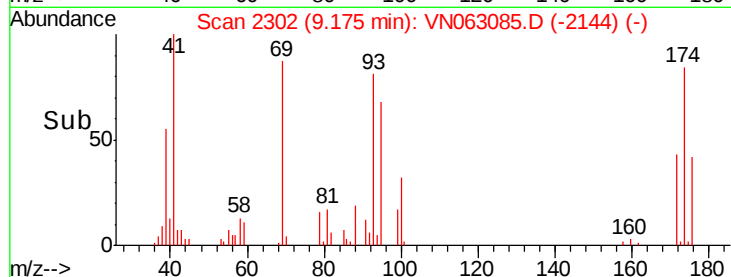
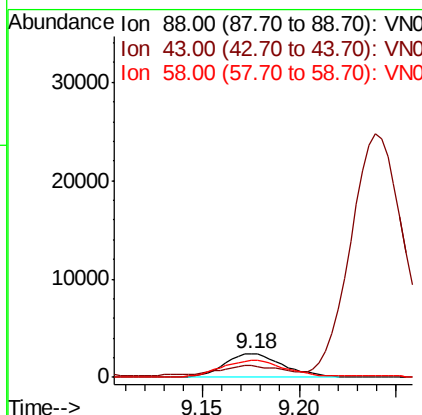
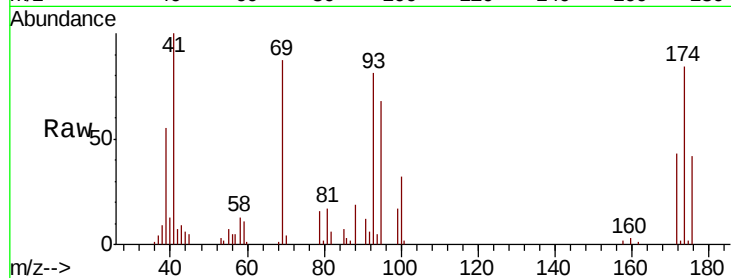




#45
 1,4-Dioxane
 Concen: 167.512 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.01 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

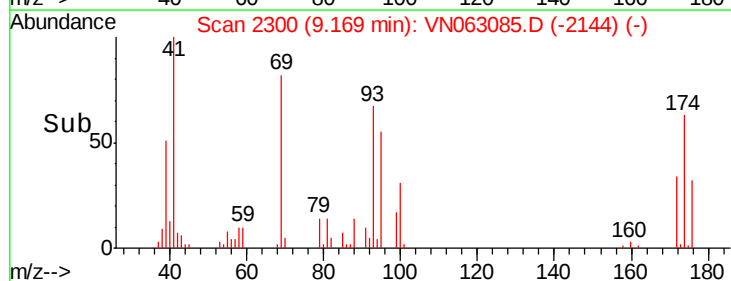
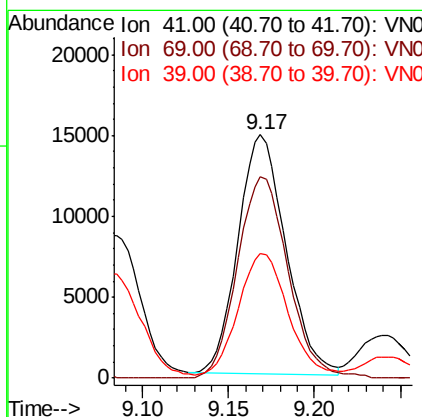
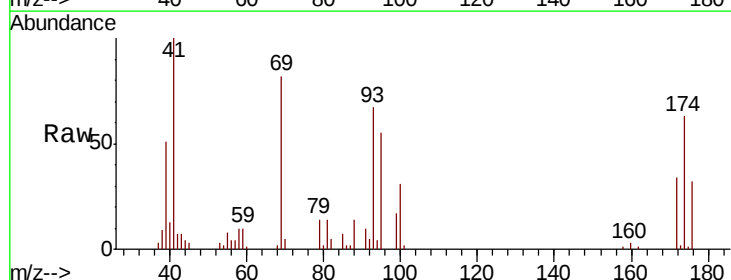
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

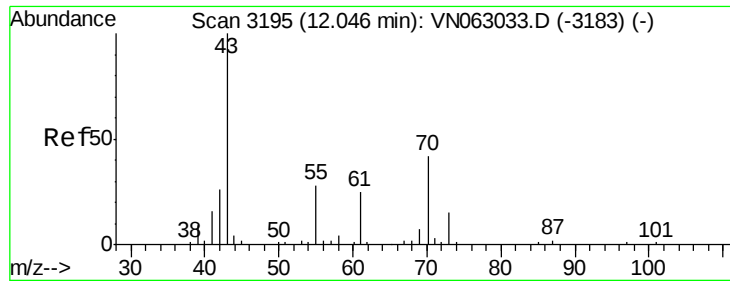
Tot Ion: 88 Resp: 5046
 Ion Ratio Lower Upper
 88 100
 43 45.1 28.5 42.7#
 58 78.1 59.6 89.4



#46
 Methyl methacrylate
 Concen: 18.138 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

Tgt Ion: 41 Resp: 28722
 Ion Ratio Lower Upper
 41 100
 69 84.3 42.6 128.0
 39 50.5 25.1 75.4

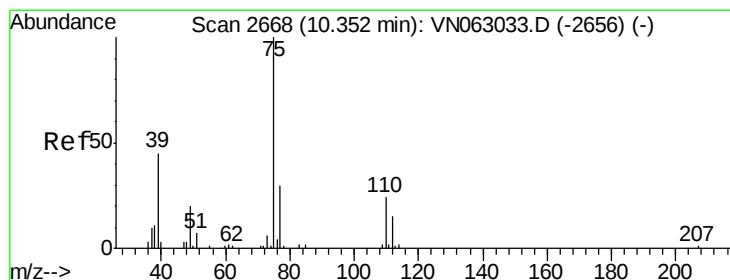
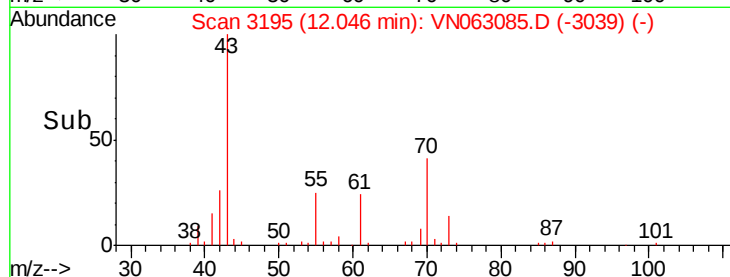
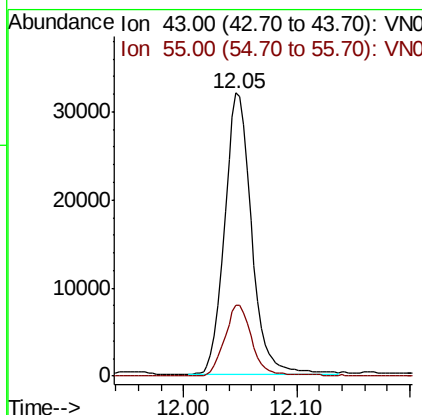
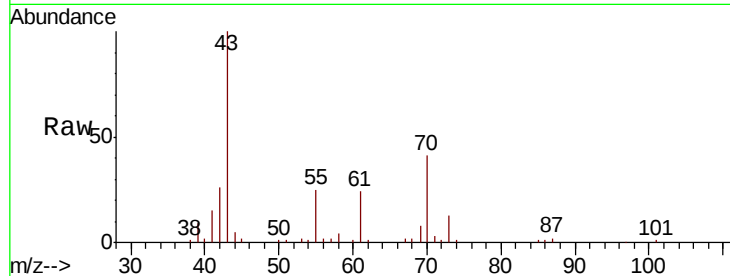




#47
n-amyl Acetate
Concen: 18.615 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

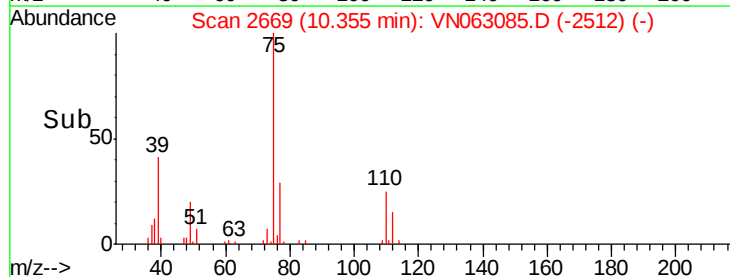
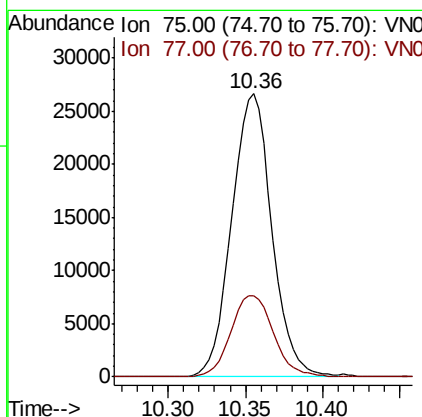
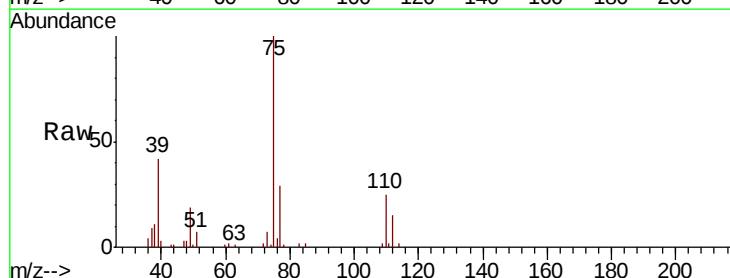
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

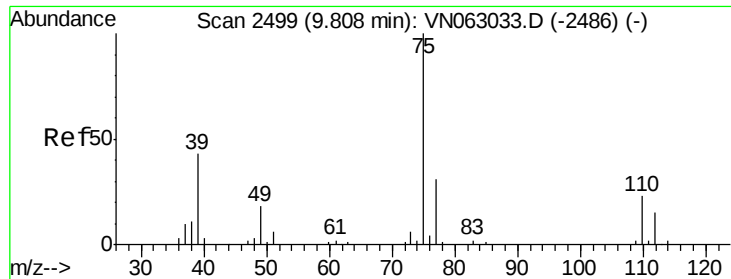
Tot Ion: 43 Resp: 53139
Ion Ratio Lower Upper
43 100
55 25.1 21.2 31.8



#48
t-1,3-Dichloropropene
Concen: 17.622 ug/l
RT: 10.36 min Scan# 2669
Delta R.T. 0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Tgt Ion: 75 Resp: 48096
Ion Ratio Lower Upper
75 100
77 28.8 23.8 35.8



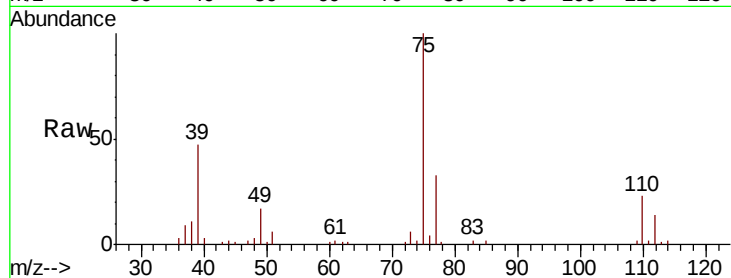


#49

cis-1,3-Dichloropropene
Concen: 17.515 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.8	37.2
39	46.8	34.5	51.7

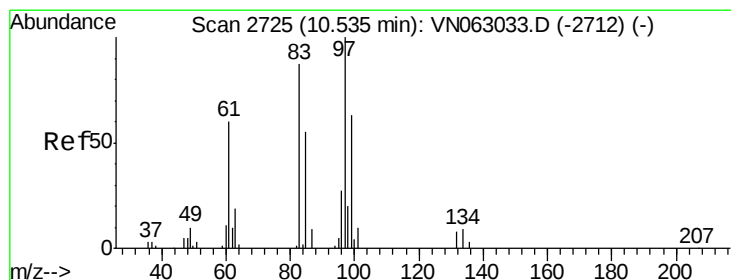
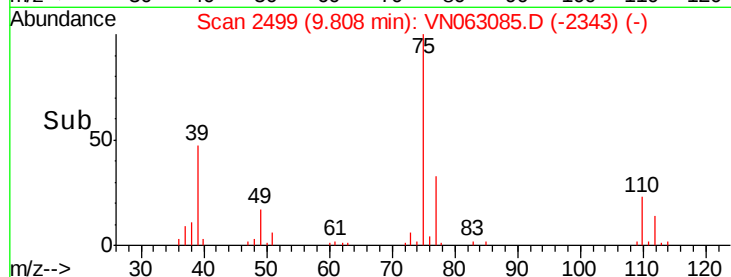
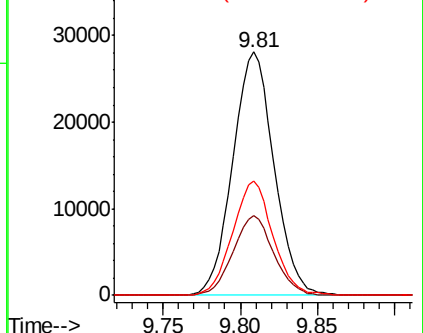


Abundance

Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

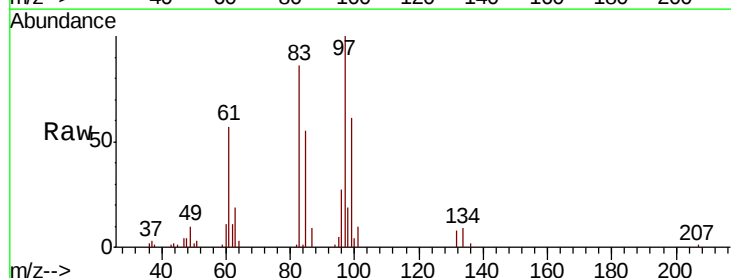
Ion 39.00 (38.70 to 39.70): VN0



#50

1,1,2-Trichloroethane
Concen: 18.762 ug/l
RT: 10.54 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.9	104.9
85	55.3	44.0	66.0
99	60.6	50.6	76.0



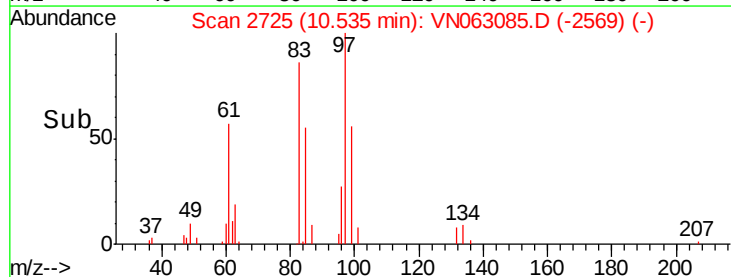
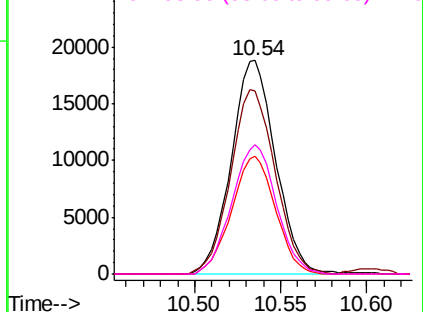
Abundance

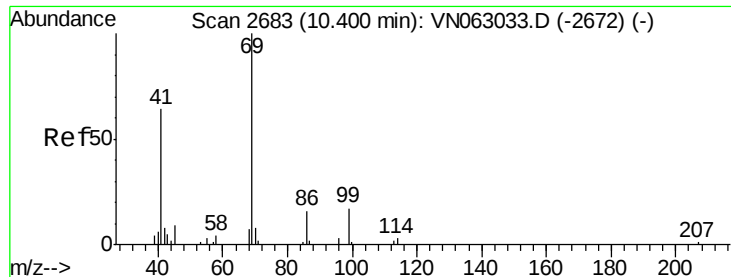
Ion 97.00 (96.70 to 97.70): VN0

Ion 82.95 (82.65 to 83.65): VN0

Ion 84.95 (84.65 to 85.65): VN0

Ion 98.95 (98.65 to 99.65): VN0





#51

Ethyl methacrylate

Concen: 17.586 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. 0.00 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

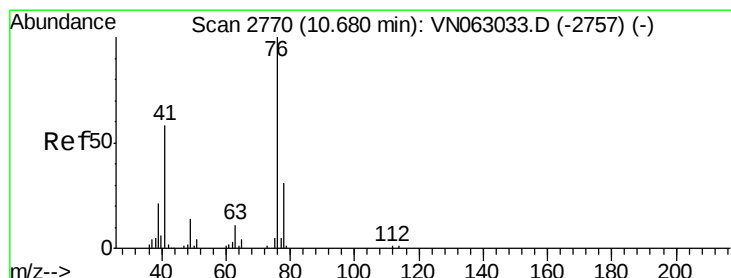
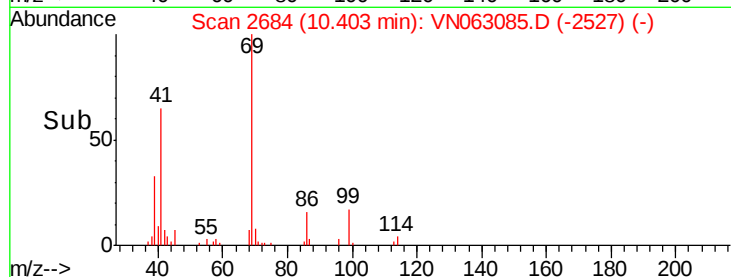
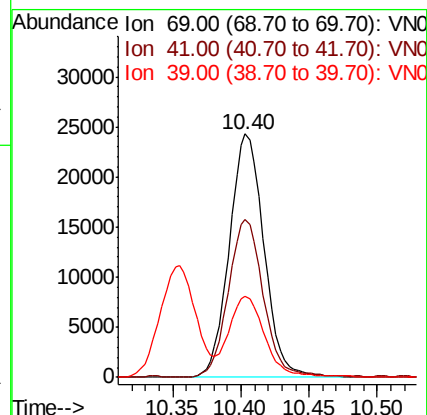
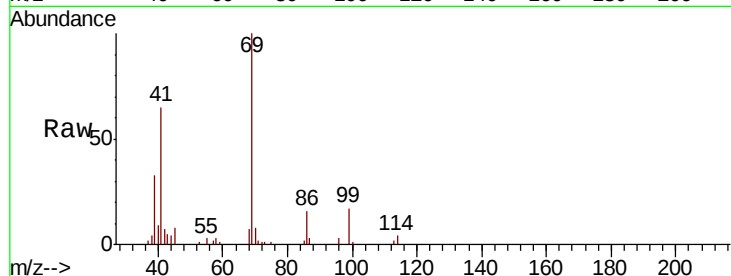
Tot Ion: 69 Resp: 43022

Ion Ratio Lower Upper

69 100

41 65.0 32.1 96.5

39 32.6 16.1 48.3



#52

1,3-Dichloropropane

Concen: 18.600 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN063085.D

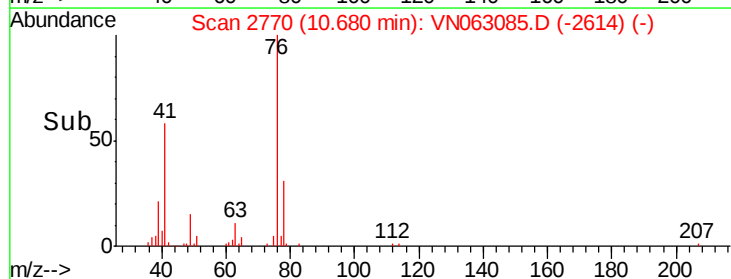
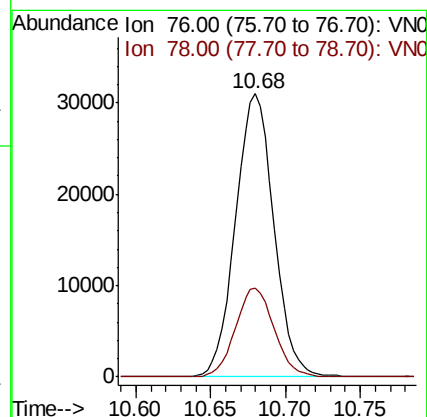
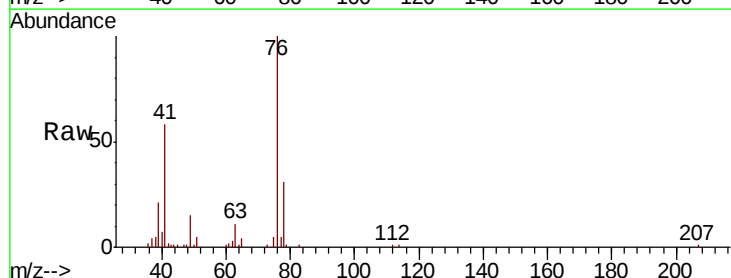
Acq: 21 Aug 2020 17:03

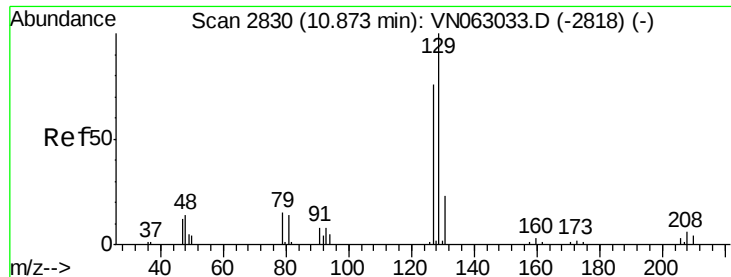
Tgt Ion: 76 Resp: 55254

Ion Ratio Lower Upper

76 100

78 31.5 0.0 63.2





#53

Dibromochloromethane

Concen: 17.738 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

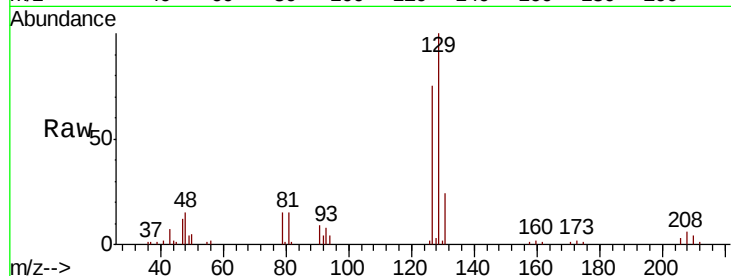
VSTDCCC020EC

Tot Ion:129 Resp: 34999

Ion Ratio Lower Upper

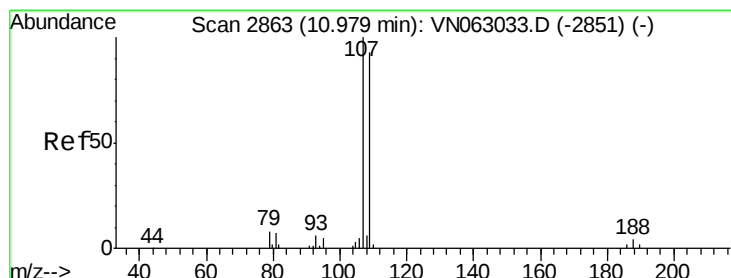
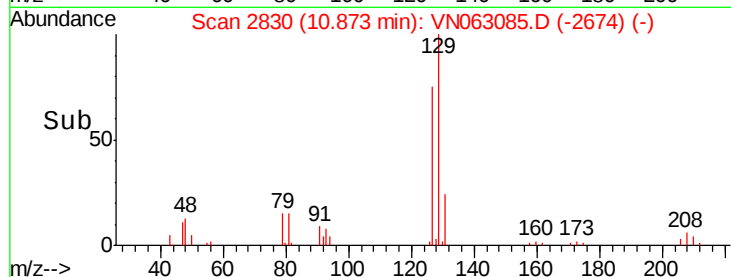
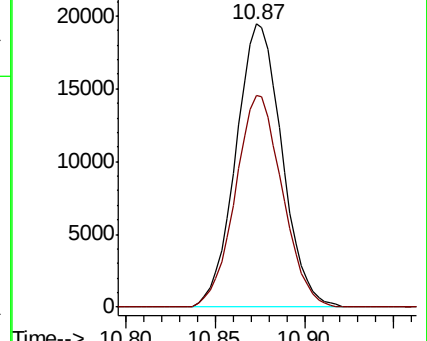
129 100

127 76.0 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.319 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VN063085.D

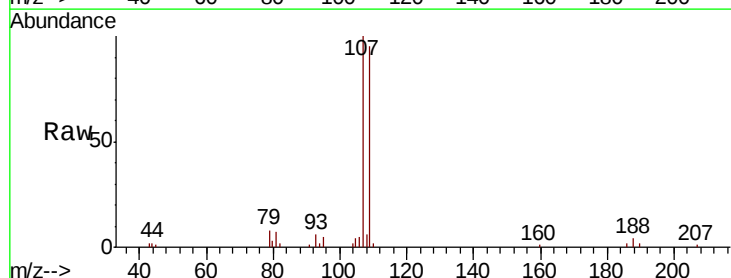
Acq: 21 Aug 2020 17:03

Tgt Ion:107 Resp: 31599

Ion Ratio Lower Upper

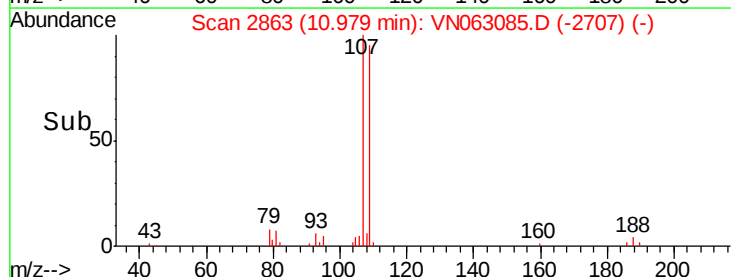
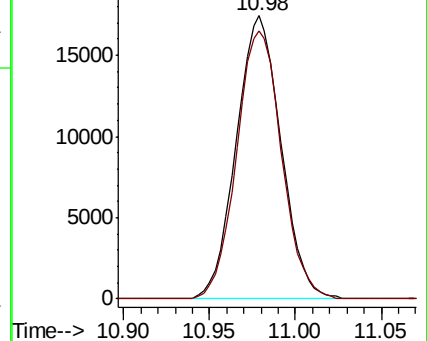
107 100

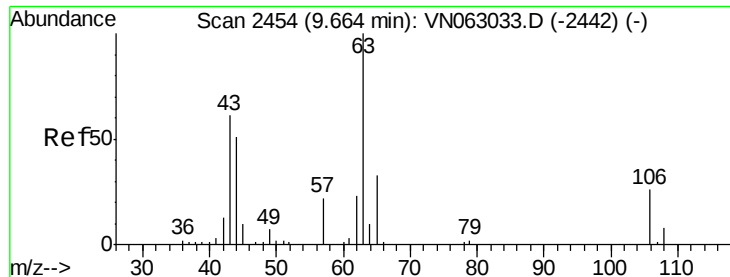
109 94.8 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

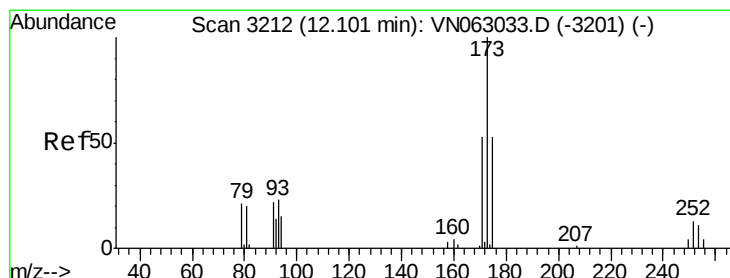
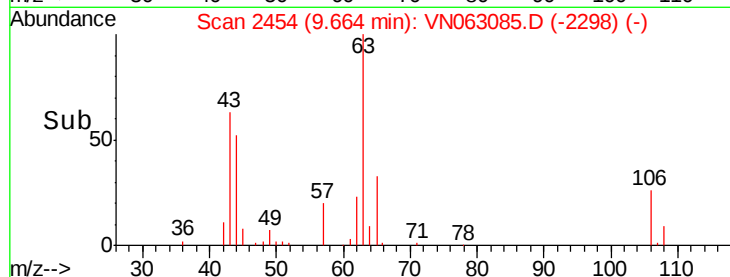
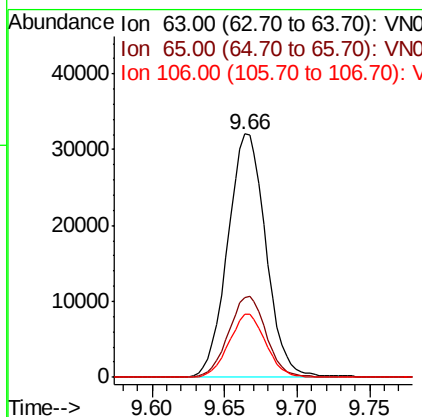
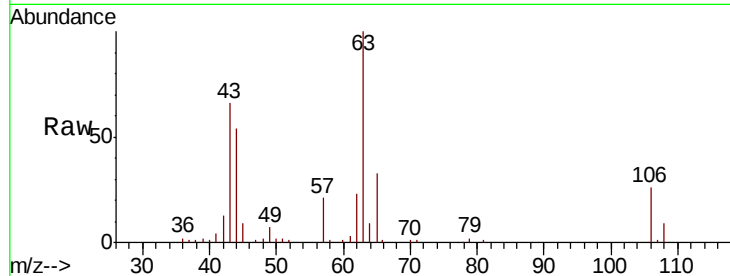




#55
2-Chloroethyl vinyl ether
Concen: 116.611 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

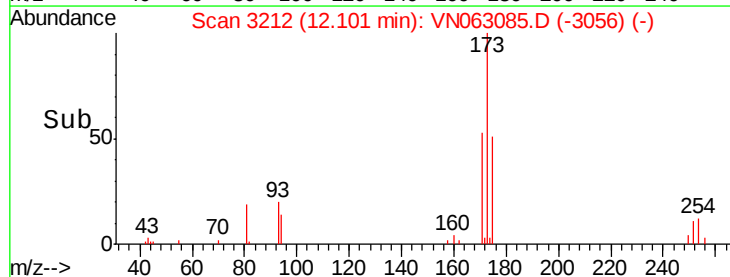
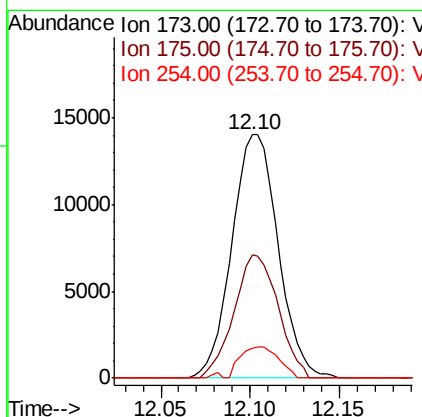
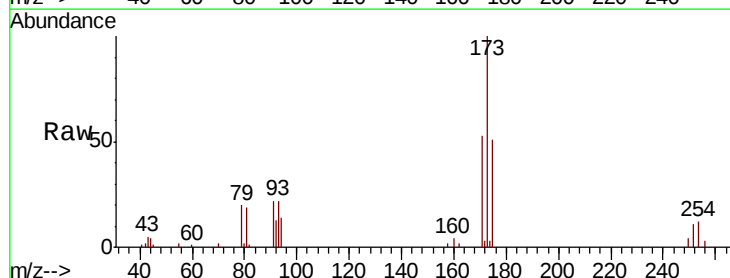
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

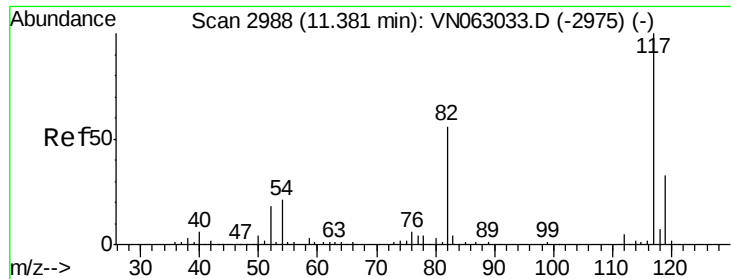
Tot Ion: 63 Resp: 58596
Ion Ratio Lower Upper
63 100
65 32.5 25.9 38.9
106 24.8 19.9 29.9



#56
Bromoform
Concen: 17.514 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Tgt Ion: 173 Resp: 25306
Ion Ratio Lower Upper
173 100
175 48.3 41.2 61.8
254 10.8 9.0 13.4

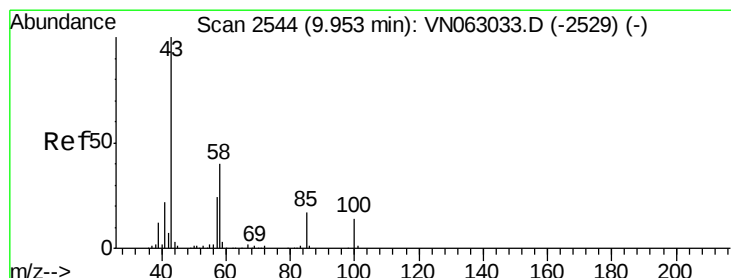
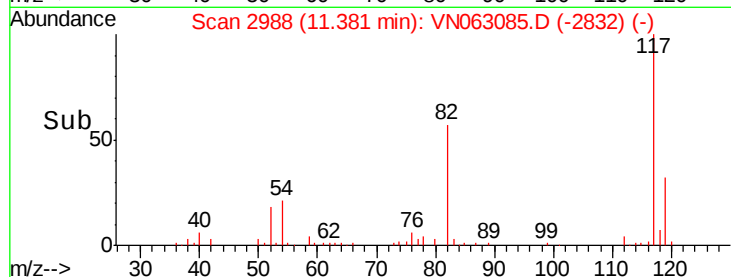
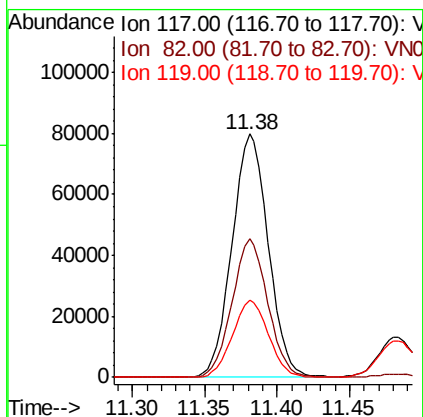
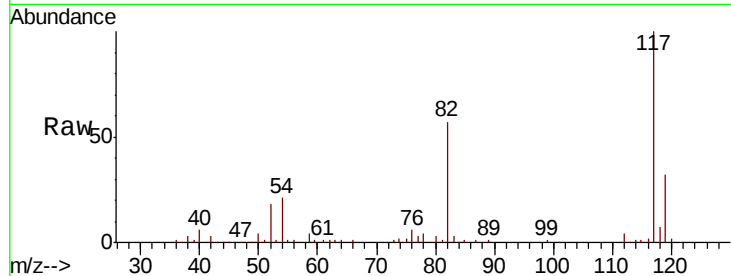




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

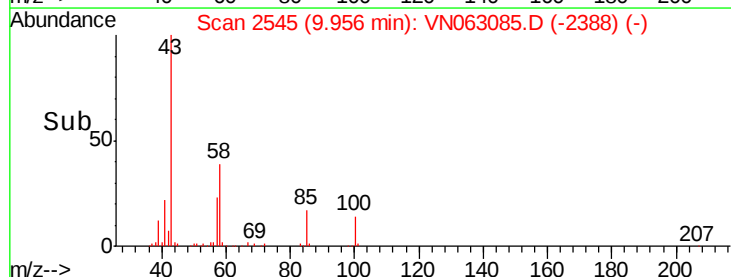
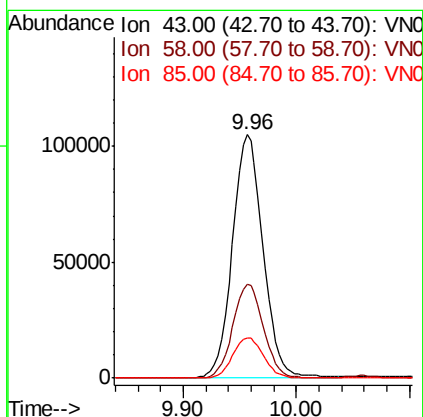
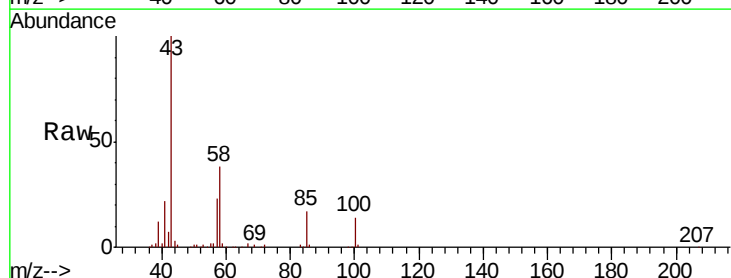
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

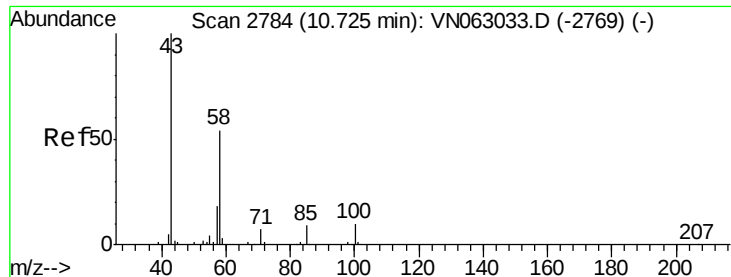
Tot Ion:117 Resp: 138480
Ion Ratio Lower Upper
117 100
82 56.0 44.9 67.3
119 31.4 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 98.623 ug/l
RT: 9.96 min Scan# 2545
Delta R.T. 0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Tgt Ion: 43 Resp: 196467
Ion Ratio Lower Upper
43 100
58 38.8 31.4 47.0
85 16.8 13.4 20.2

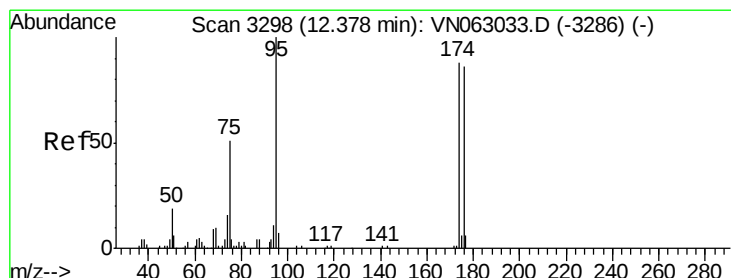
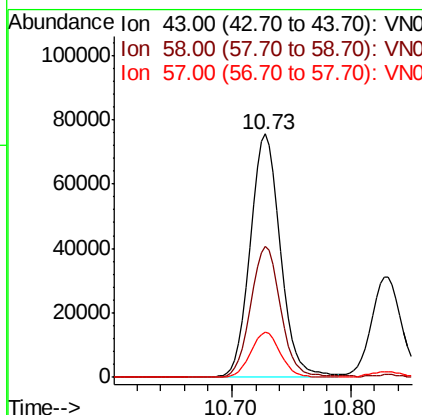
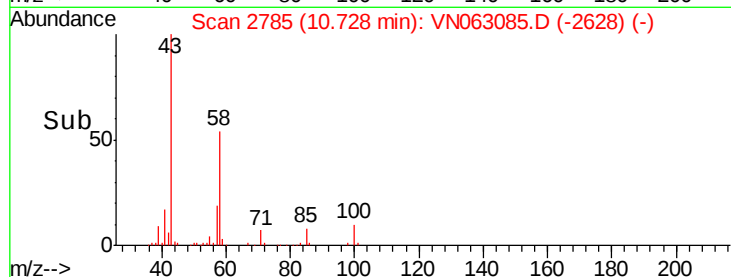
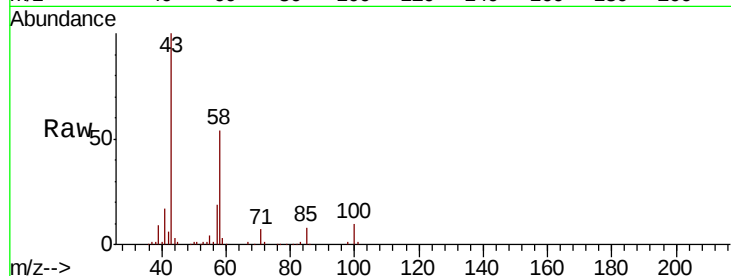




#59
2-Hexanone
Concen: 92.727 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

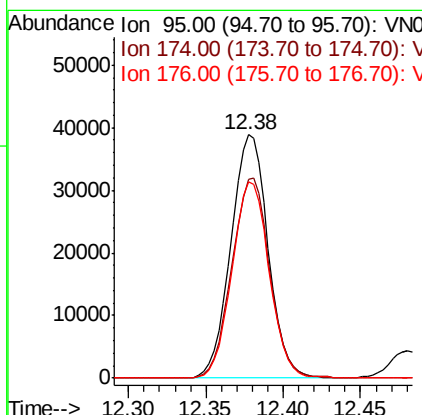
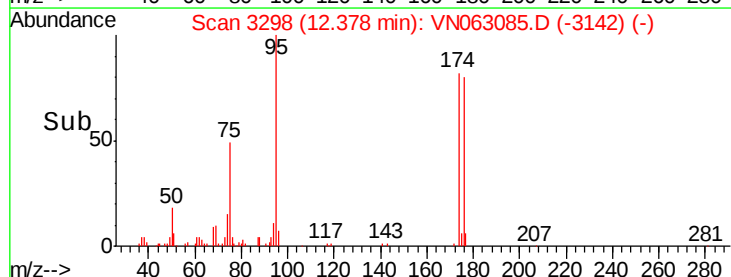
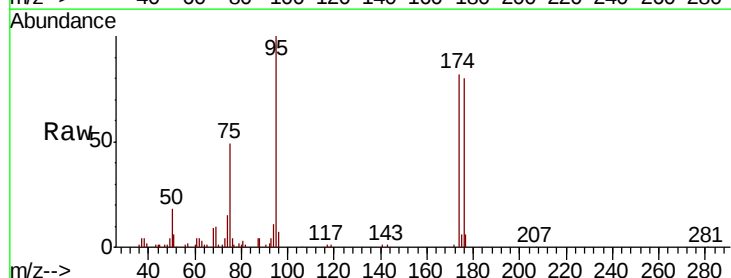
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

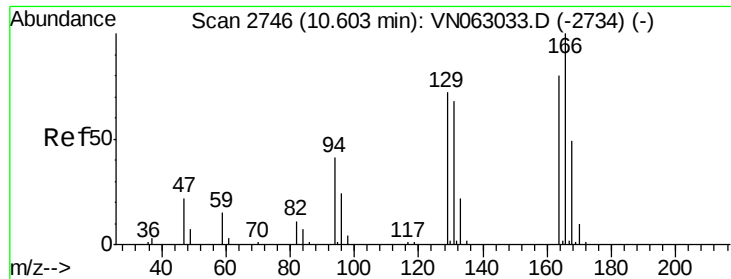
Tot Ion: 43 Resp: 131771
Ion Ratio Lower Upper
43 100
58 54.1 42.6 64.0
57 18.5 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 29.562 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Tgt Ion: 95 Resp: 64688
Ion Ratio Lower Upper
95 100
174 83.8 70.1 105.1
176 80.5 66.8 100.2

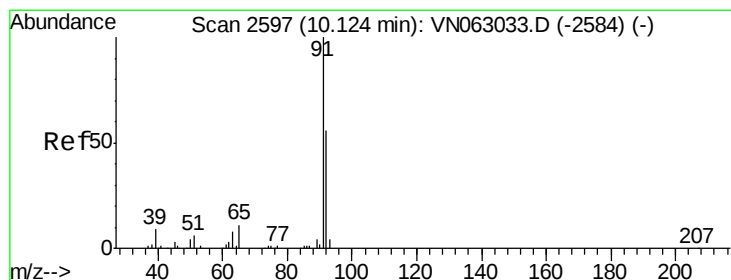
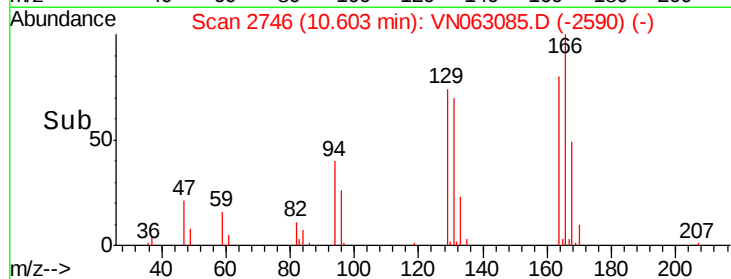
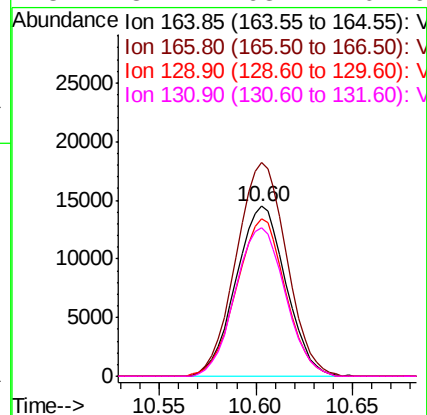
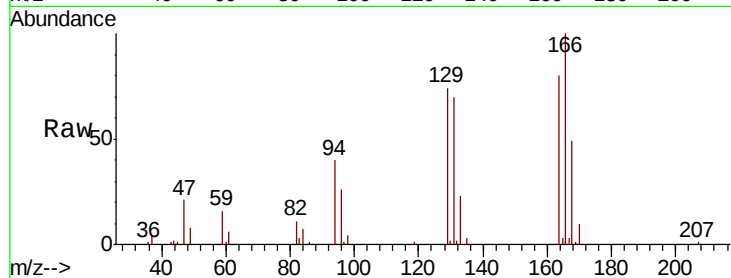




#61
Tetrachloroethene
Concen: 17.161 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

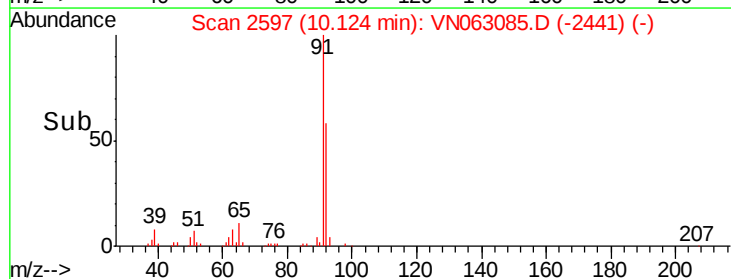
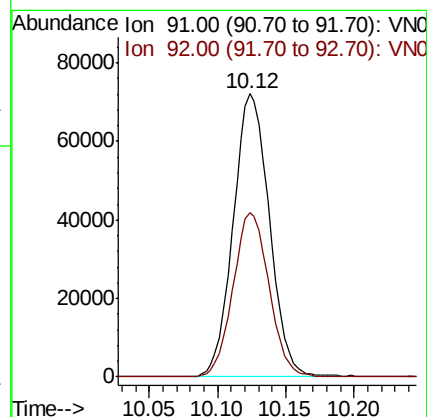
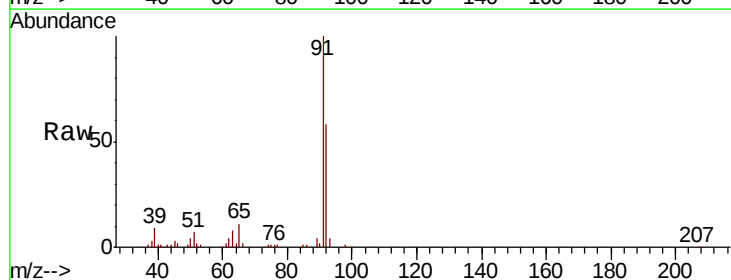
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

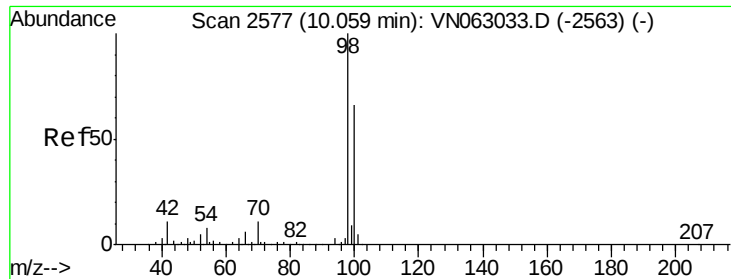
Tot Ion:164 Resp: 26052
Ion Ratio Lower Upper
164 100
166 125.8 100.1 150.1
129 92.7 72.5 108.7
131 87.7 68.4 102.6



#62
Toluene
Concen: 18.118 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Tgt Ion: 91 Resp: 132975
Ion Ratio Lower Upper
91 100
92 57.7 45.5 68.3





#63

Toluene-d8

Concen: 30.325 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

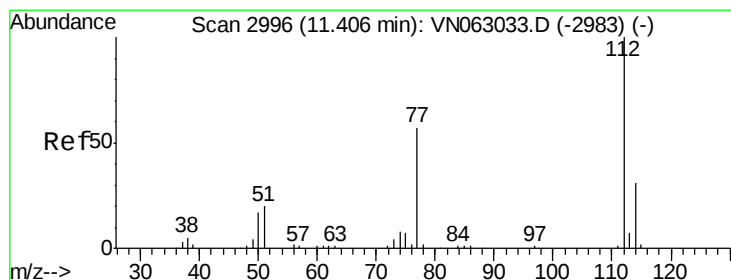
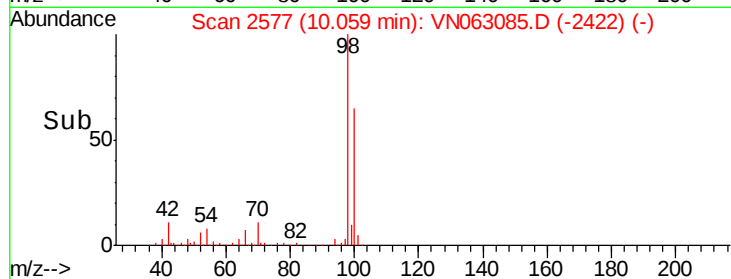
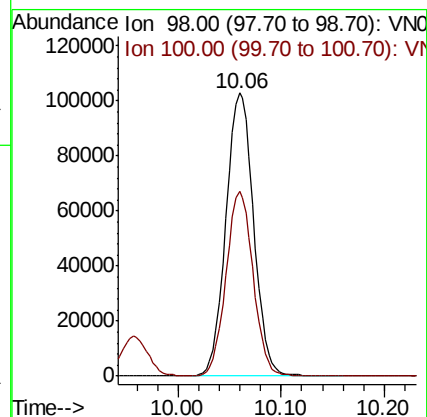
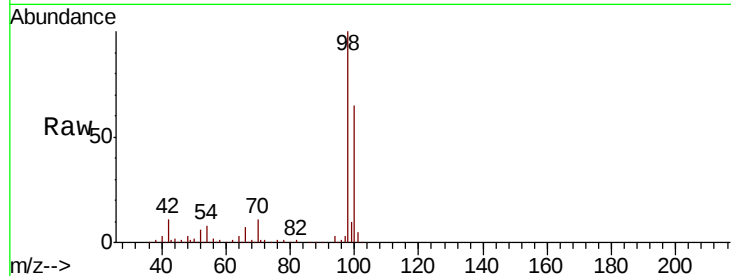
VSTDCCC020EC

Tot Ion: 98 Resp: 192728

Ion Ratio Lower Upper

98 100

100 63.3 51.4 77.2



#64

Chlorobenzene

Concen: 18.060 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN063085.D

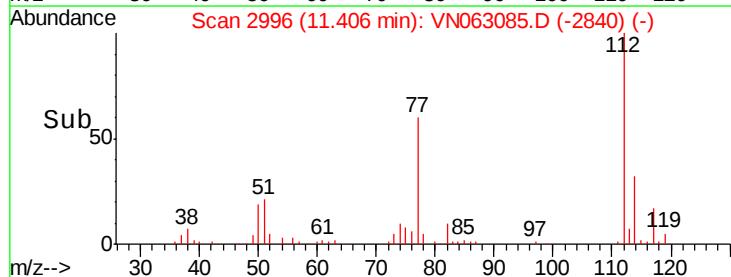
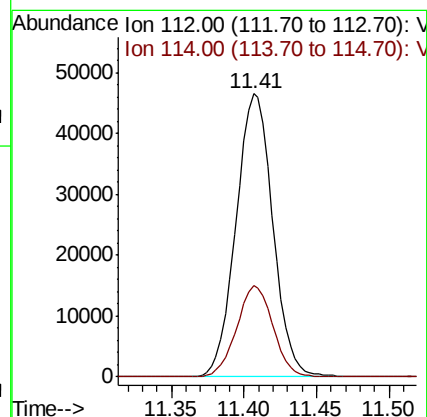
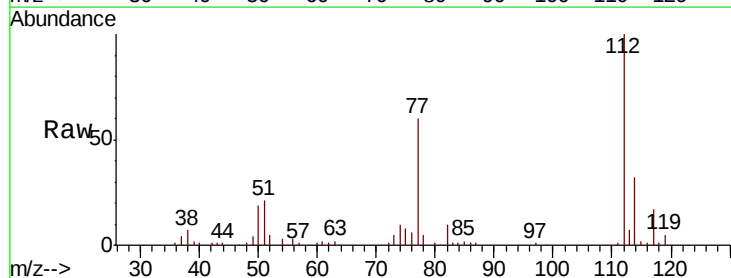
Acq: 21 Aug 2020 17:03

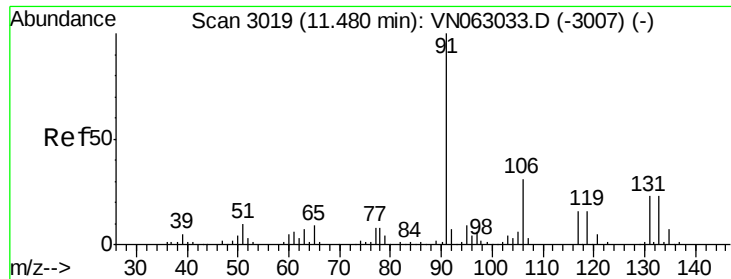
Tgt Ion: 112 Resp: 82015

Ion Ratio Lower Upper

112 100

114 32.2 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 18.241 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

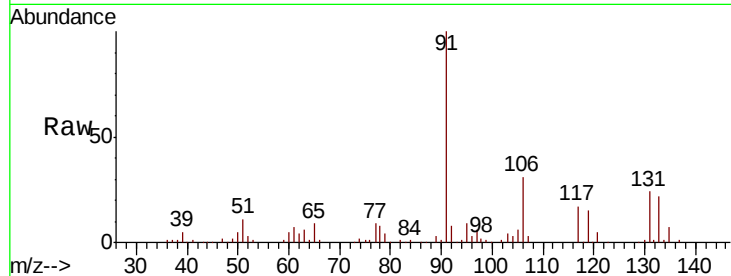
Tot Ion:131 Resp: 32833

Ion Ratio Lower Upper

131 100

133 94.6 0.0 191.2

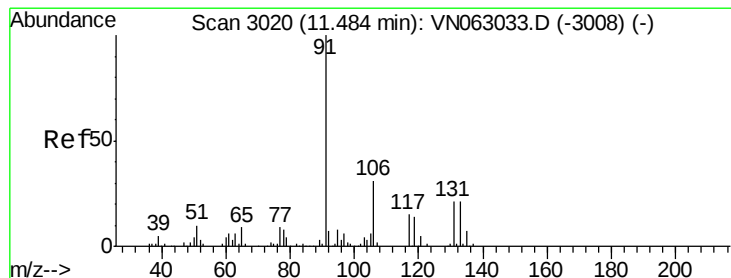
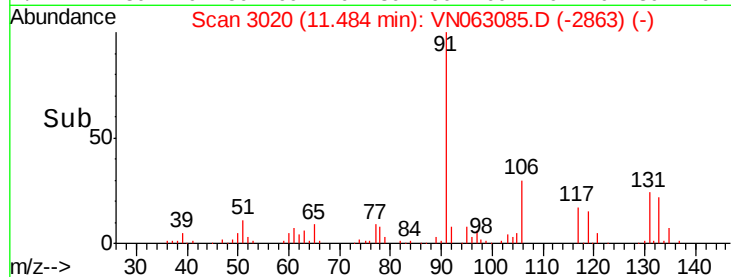
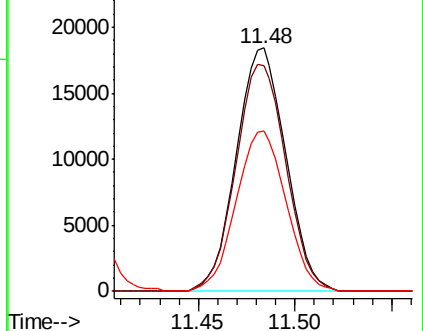
119 66.5 0.0 134.2



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: 17.080 ug/l

RT: 11.49 min Scan# 3021

Delta R.T. 0.00 min

Lab File: VN063085.D

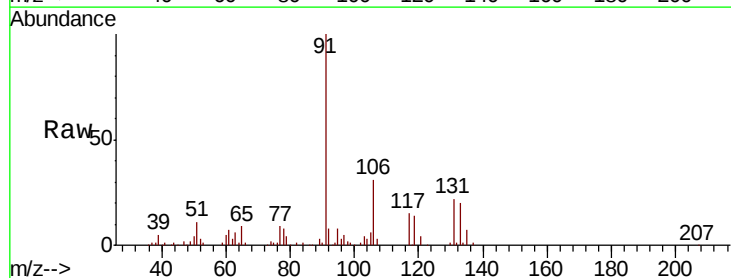
Acq: 21 Aug 2020 17:03

Tgt Ion: 91 Resp: 136643

Ion Ratio Lower Upper

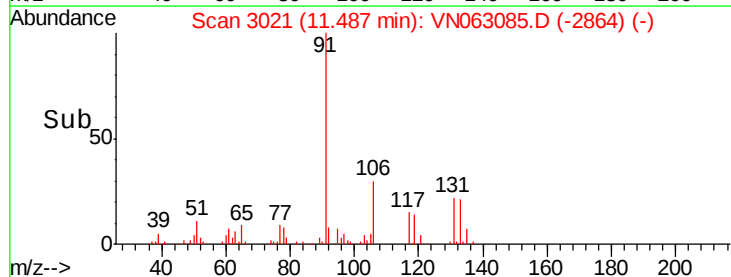
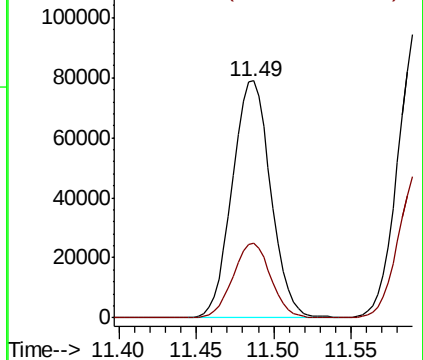
91 100

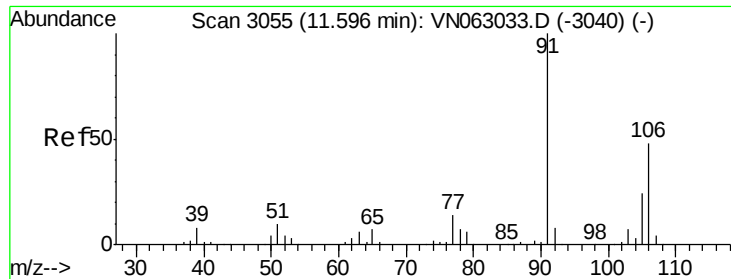
106 31.3 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

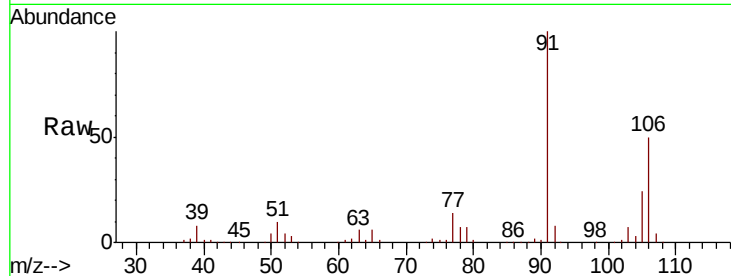




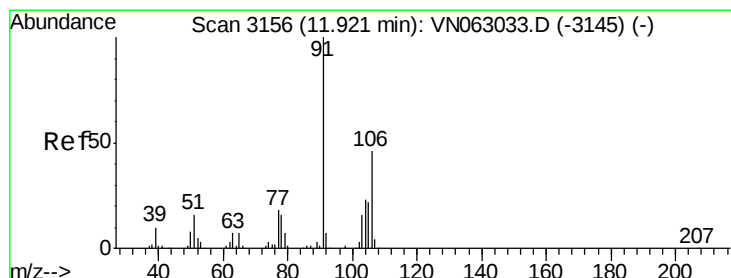
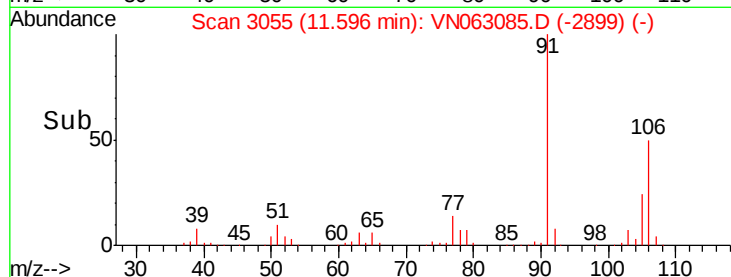
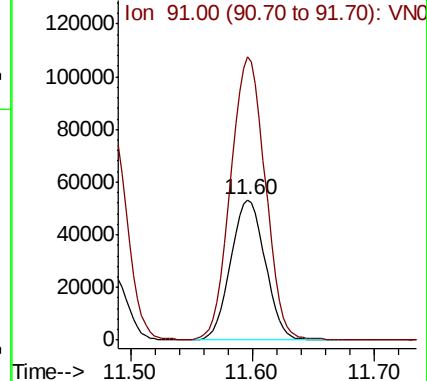
#67
m/p-Xylenes
Concen: 35.147 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:106 Resp: 105338
Ion Ratio Lower Upper
106 100
91 201.0 164.9 247.3

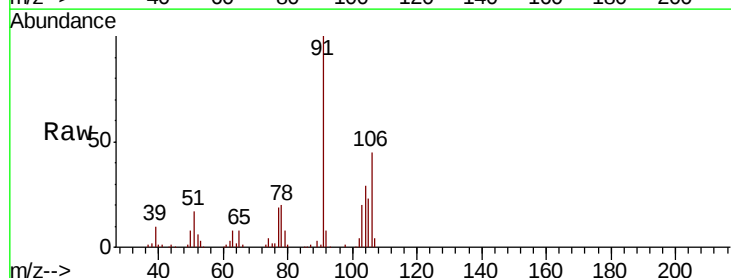


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

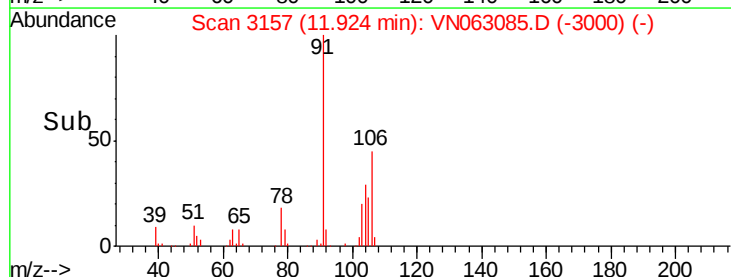
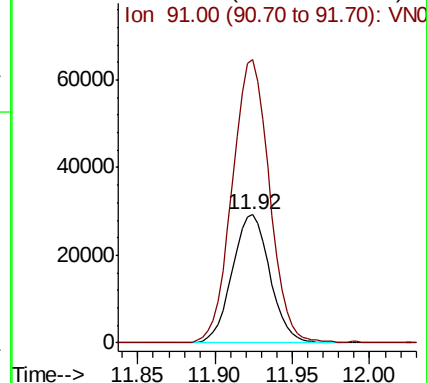


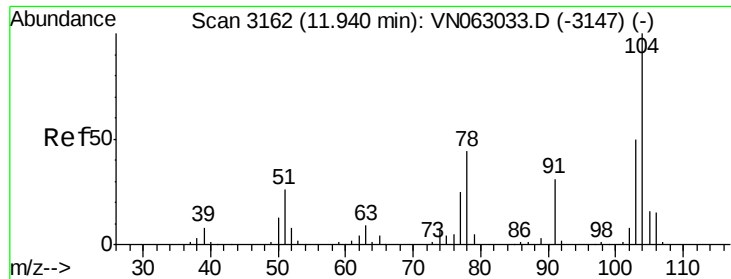
#68
o-Xylene
Concen: 17.184 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Tgt Ion:106 Resp: 49473
Ion Ratio Lower Upper
106 100
91 218.2 108.0 324.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

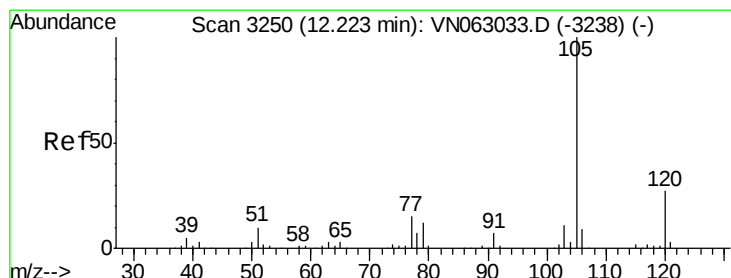
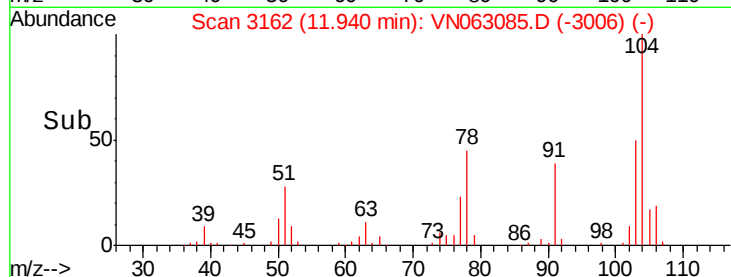
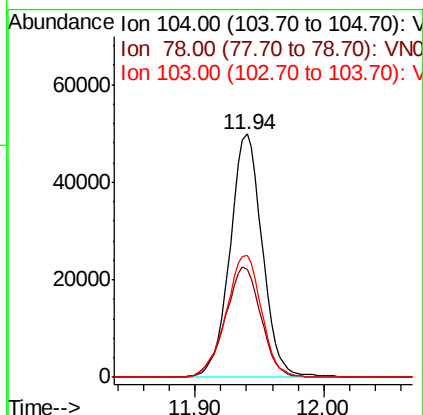
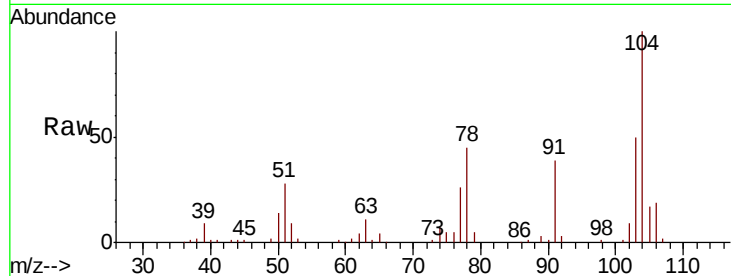




#69
Stvrene
Concen: 17.299 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

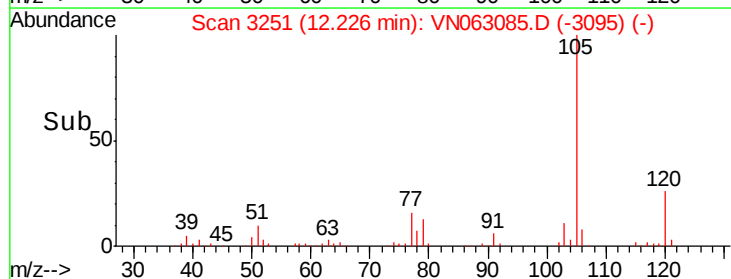
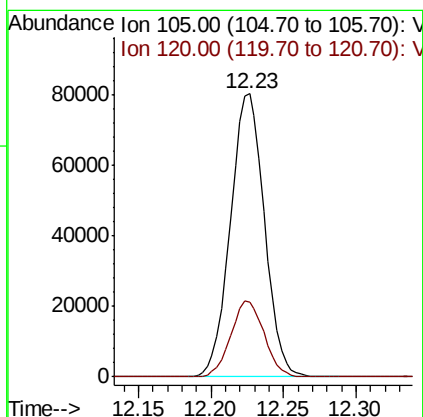
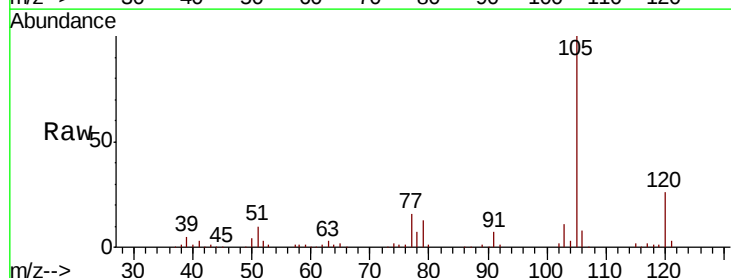
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

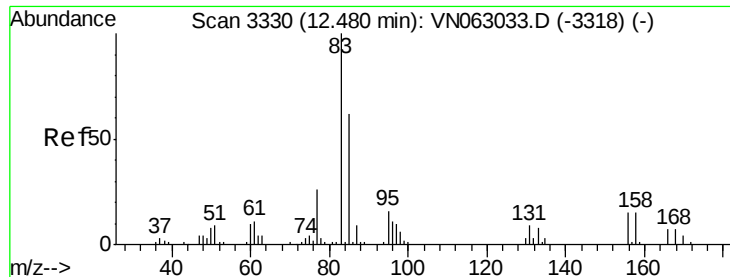
Tot Ion:104 Resp: 87001
Ion Ratio Lower Upper
104 100
78 49.9 39.6 59.4
103 54.8 44.4 66.6



#70
Isopropylbenzene
Concen: 16.668 ug/l
RT: 12.23 min Scan# 3251
Delta R.T. 0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Tgt Ion:105 Resp: 130543
Ion Ratio Lower Upper
105 100
120 26.3 18.5 34.3

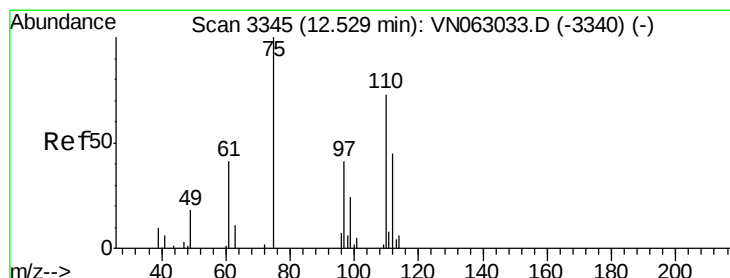
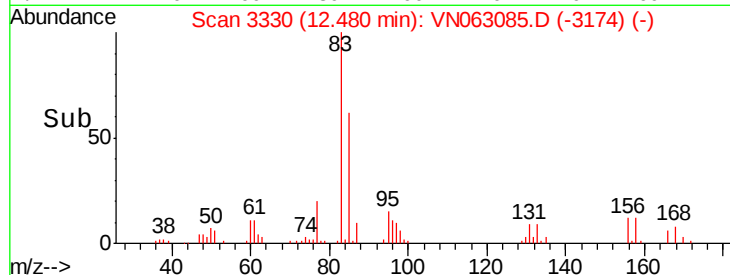
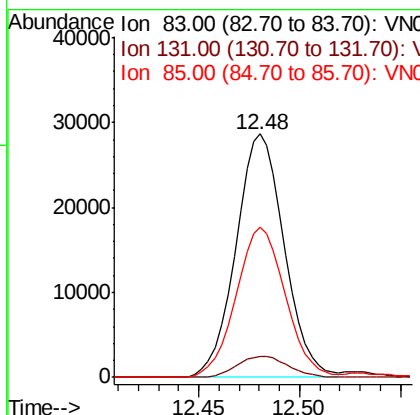
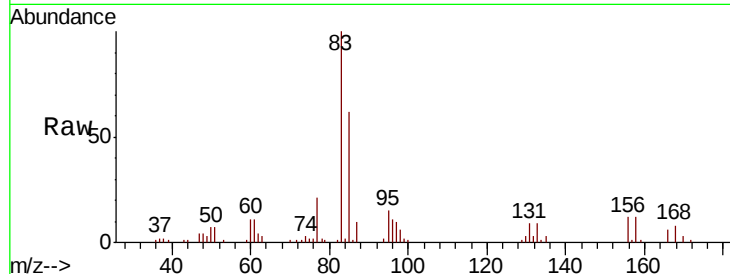




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.115 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

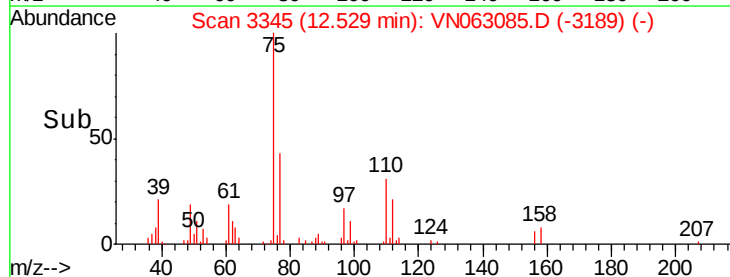
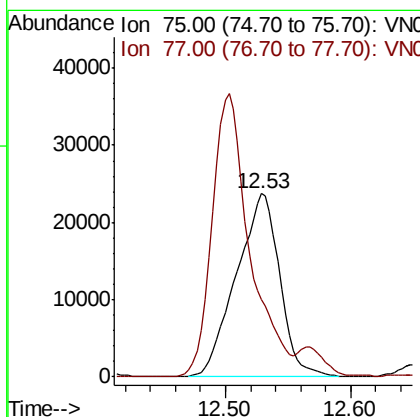
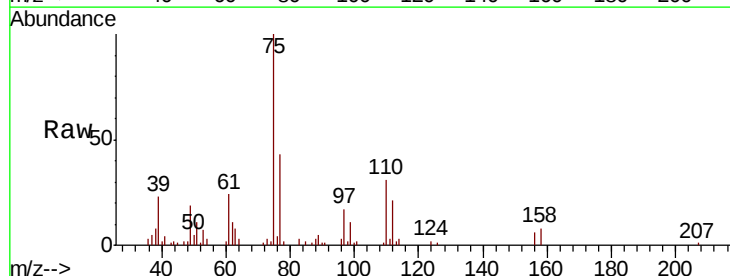
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

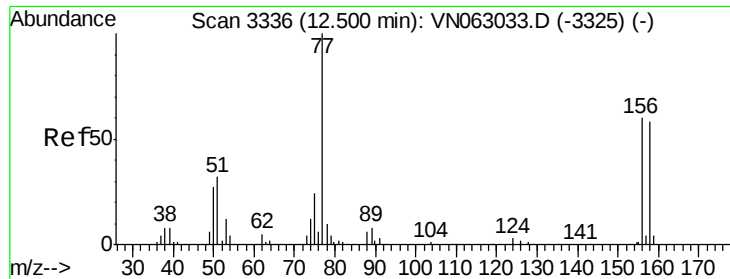
Tot Ion	83	Resp	48008
Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.5	13.7
85	62.9	31.8	95.3



#72
 1,2,3-Trichloropropane
 Concen: 25.677 ug/l
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

Tgt Ion	75	Resp	57221
Ion	Ratio	Lower	Upper
75	100		
77	133.3	0.0	387.8





#73

Bromobenzene

Concen: 17.382 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

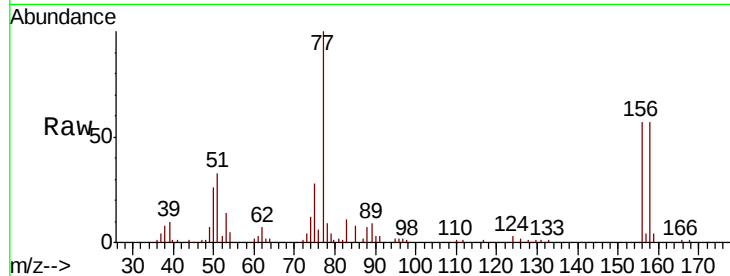
Tot Ion:156 Resp: 36712

Ion Ratio Lower Upper

156 100

77 207.8 0.0 398.6

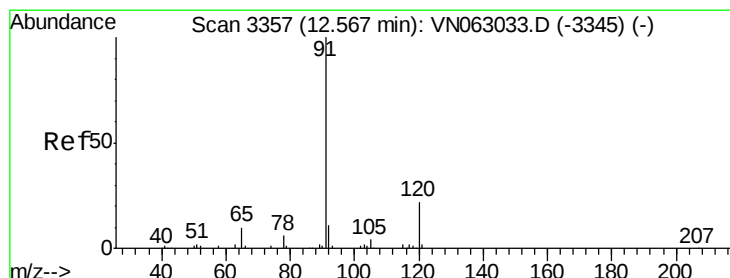
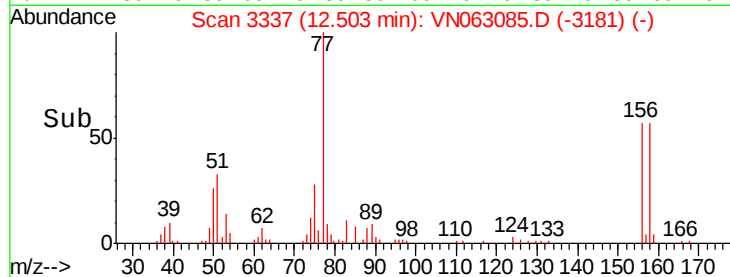
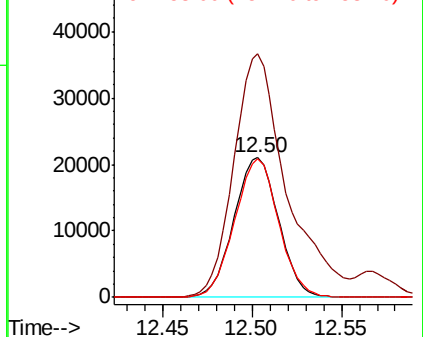
158 98.0 0.0 195.4



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: 15.831 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN063085.D

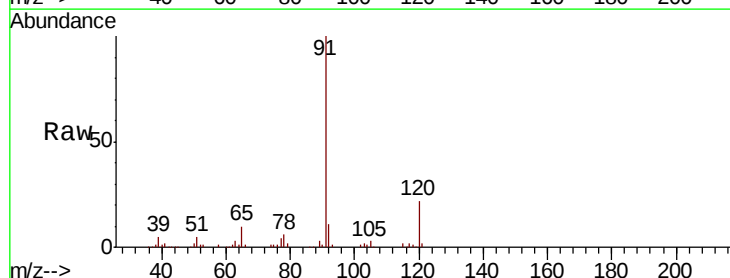
Acq: 21 Aug 2020 17:03

Tgt Ion: 91 Resp: 148723

Ion Ratio Lower Upper

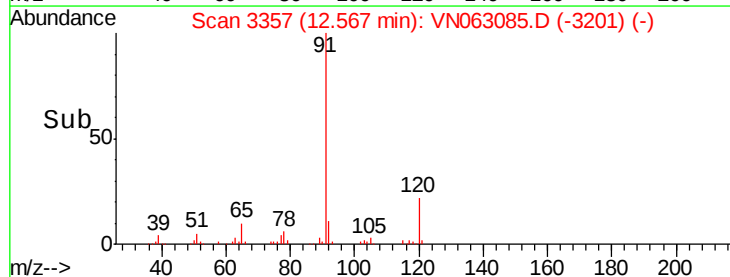
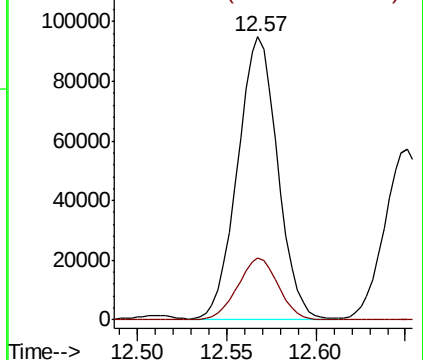
91 100

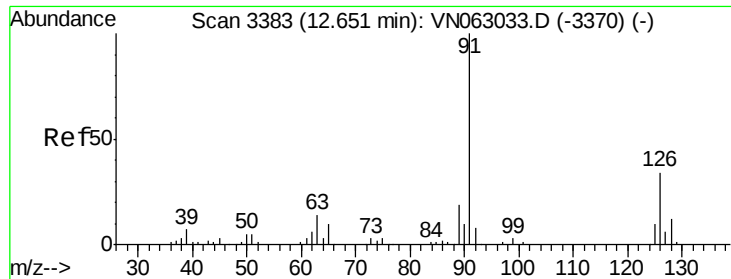
120 22.0 0.0 44.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

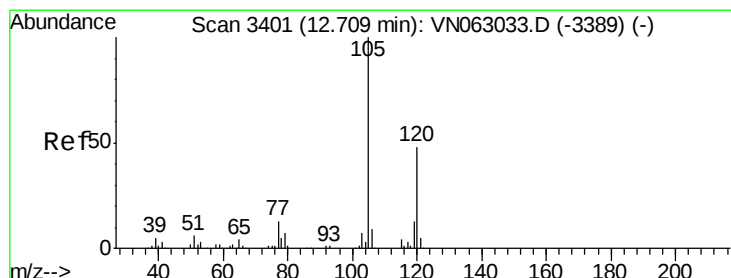
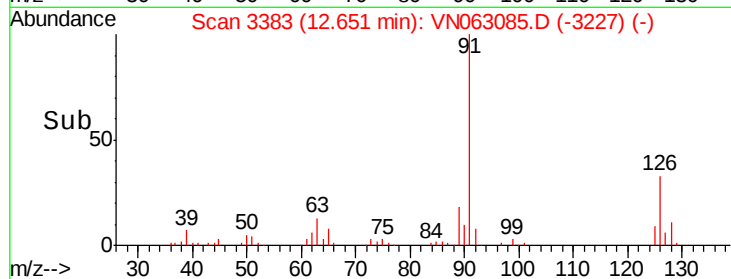
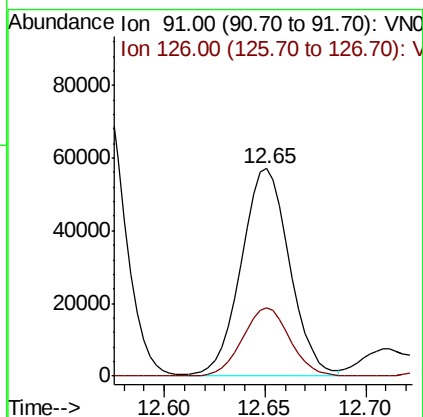
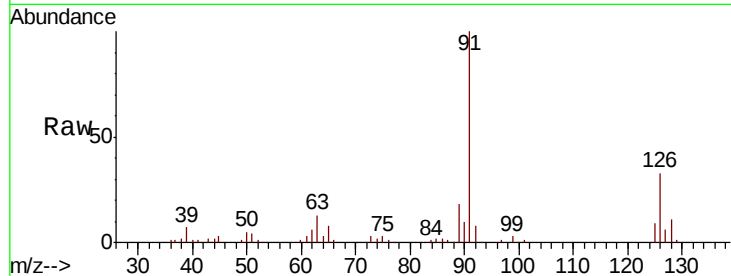




#75
 2-Chlorotoluene
 Concen: 17.020 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.00 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

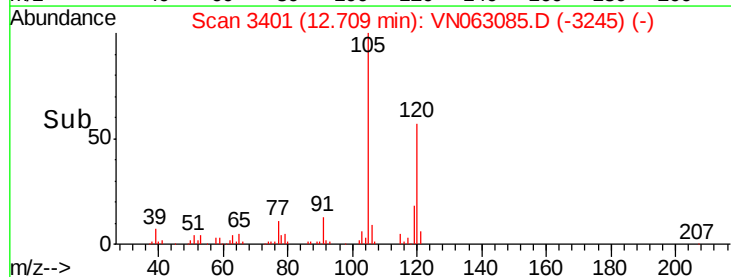
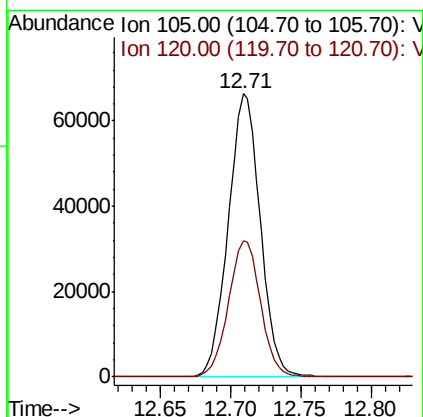
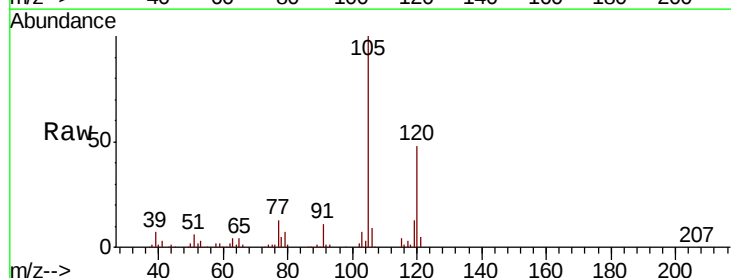
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

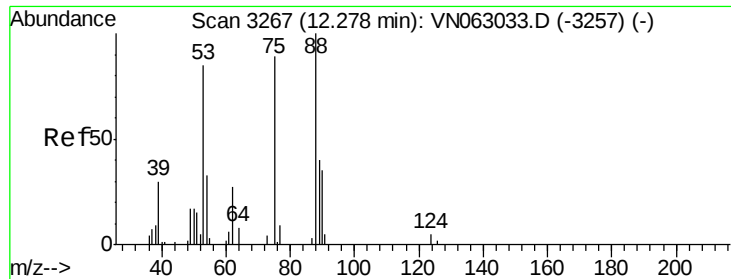
Tot Ion: 91 Resp: 95298
 Ion Ratio Lower Upper
 91 100
 126 32.8 0.0 68.0



#76
 1,3,5-Trimethylbenzene
 Concen: 15.792 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

Tgt Ion: 105 Resp: 105546
 Ion Ratio Lower Upper
 105 100
 120 48.2 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.161 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

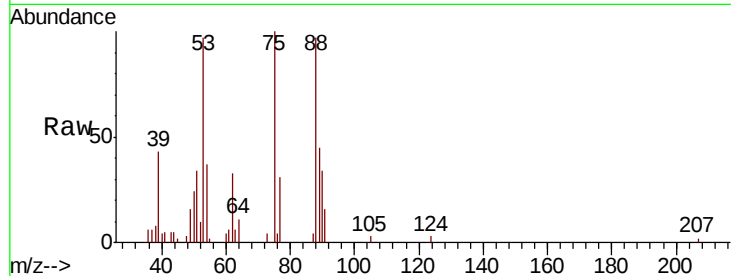
Tot Ion: 75 Resp: 14304

Ion Ratio Lower Upper

75 100

53 97.4 47.0 141.0

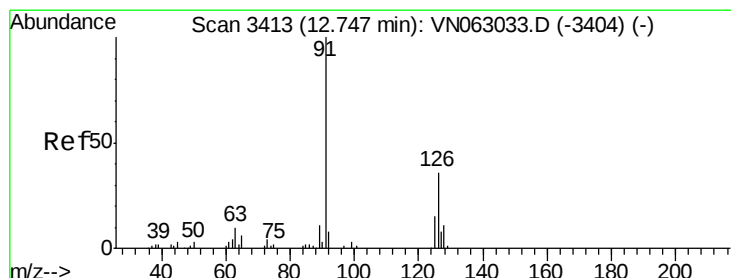
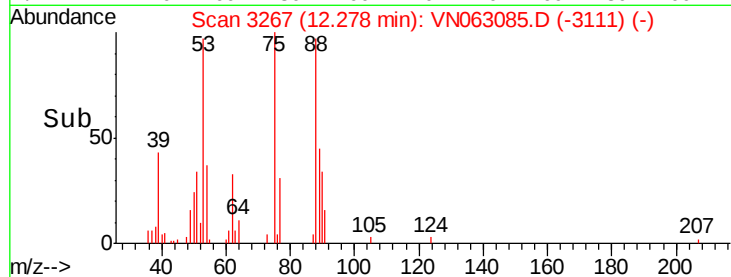
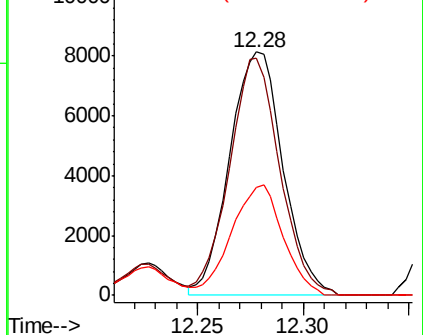
89 44.6 22.9 68.7



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: 16.796 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN063085.D

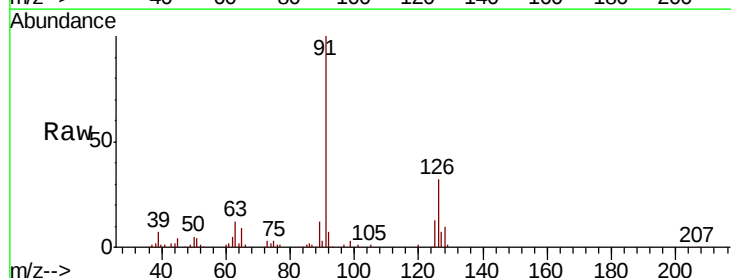
Acq: 21 Aug 2020 17:03

Tgt Ion: 91 Resp: 96960

Ion Ratio Lower Upper

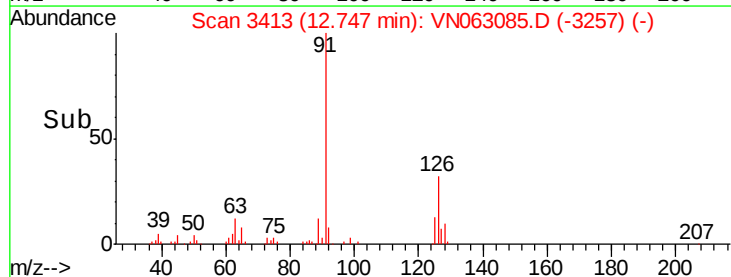
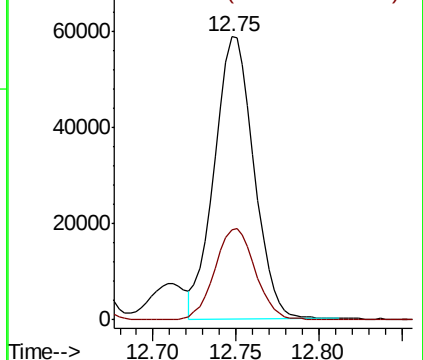
91 100

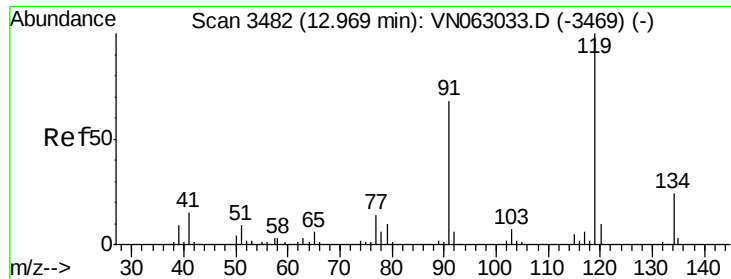
126 33.3 0.0 65.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

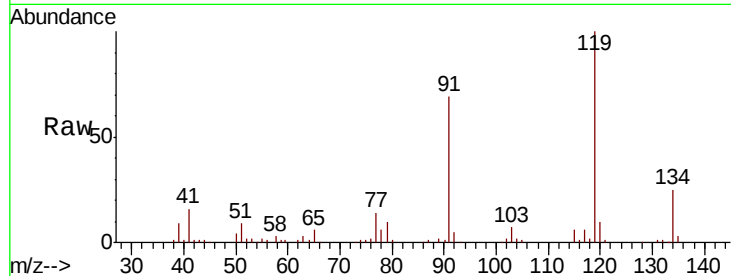




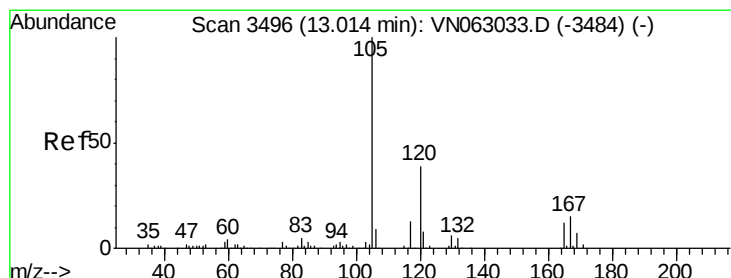
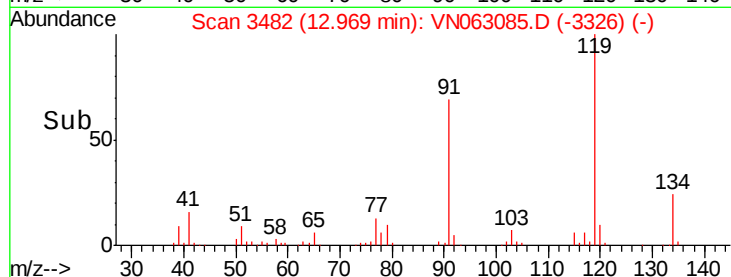
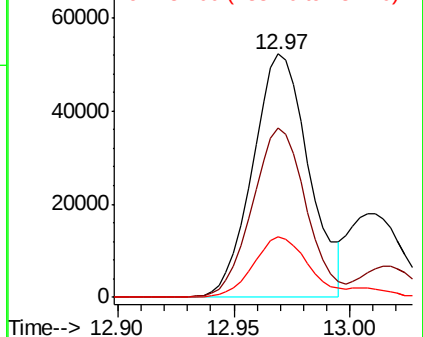
#79
tert-butylbenzene
Concen: 15.652 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:119 Resp: 88022
Ion Ratio Lower Upper
119 100
91 67.0 0.0 136.8
134 24.3 0.0 48.8

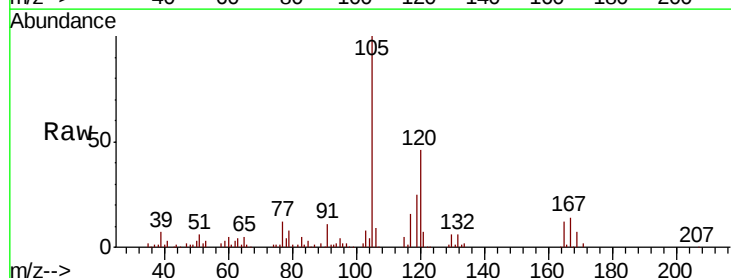


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

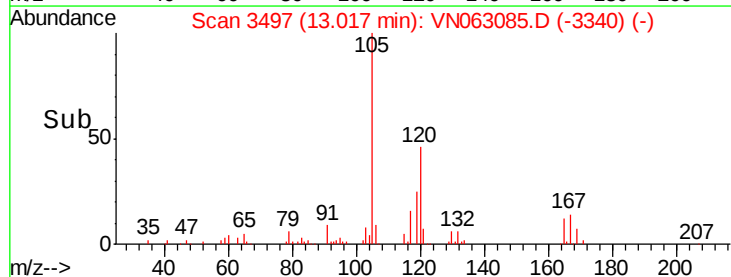
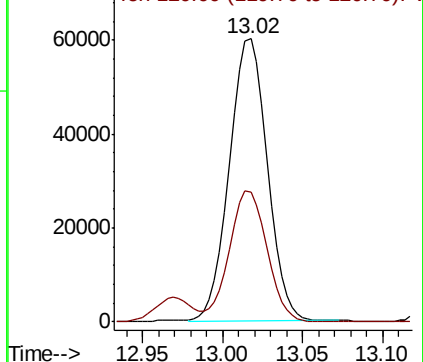


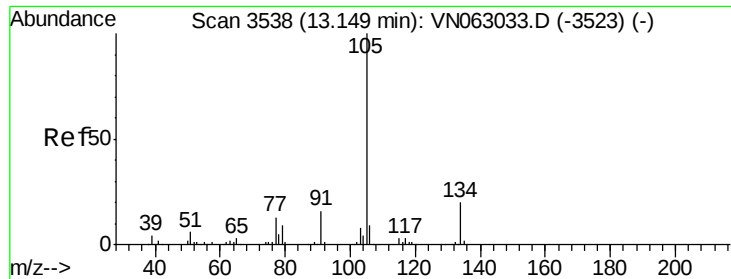
#80
1,2,4-Trimethylbenzene
Concen: 14.956 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Tgt Ion:105 Resp: 97300
Ion Ratio Lower Upper
105 100
120 45.9 0.0 90.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

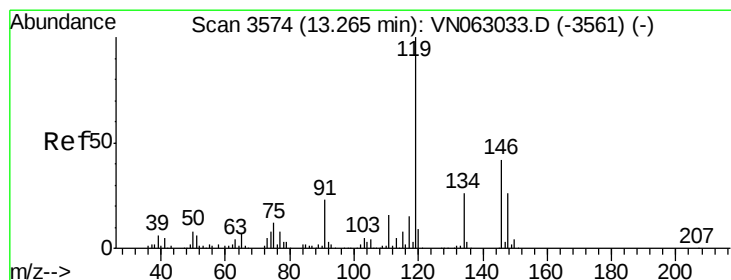
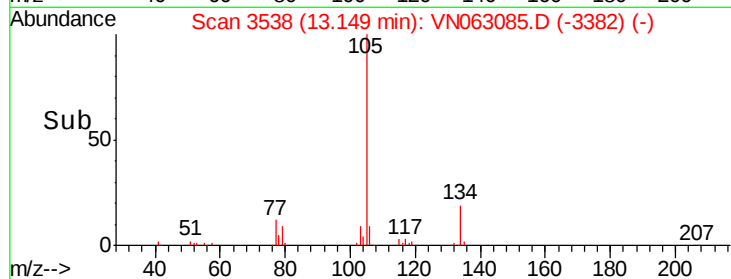
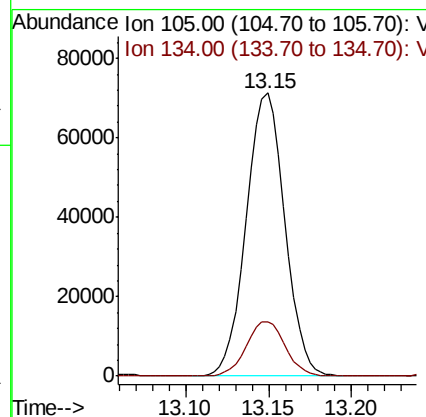
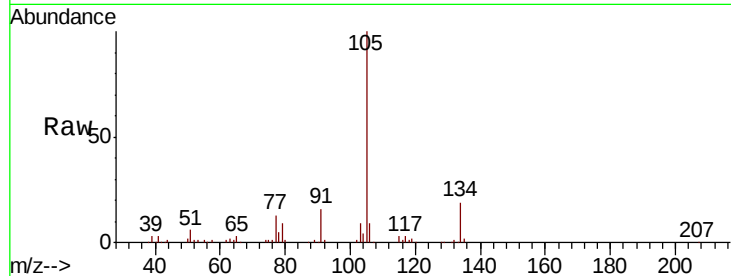




#81
 sec-Butylbenzene
 Concen: 14.801 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

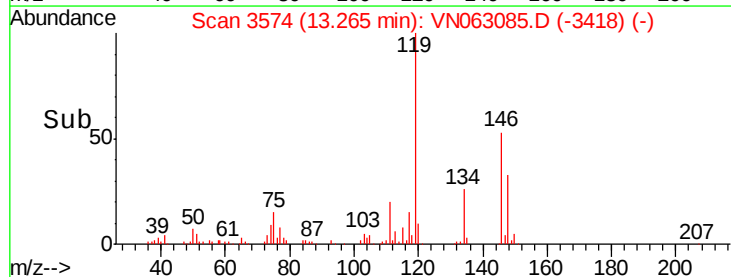
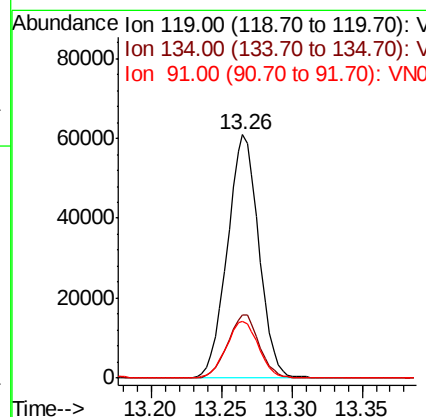
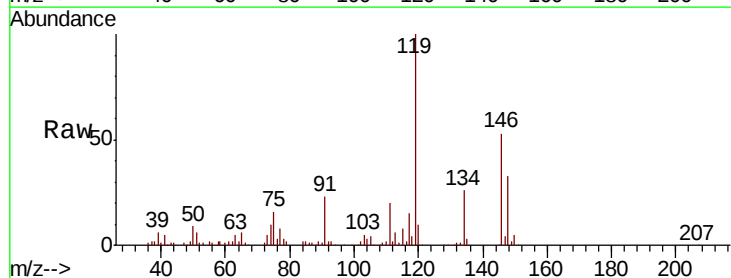
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

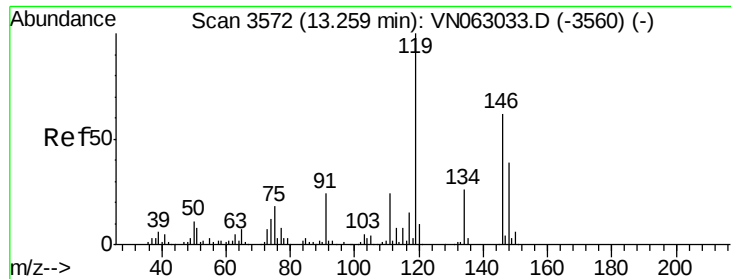
Tot Ion:105 Resp: 114657
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 13.828 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

Tgt Ion:119 Resp: 94969
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.2
 91 23.9 0.0 46.2

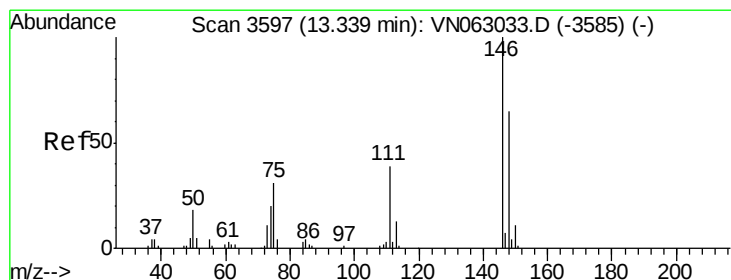
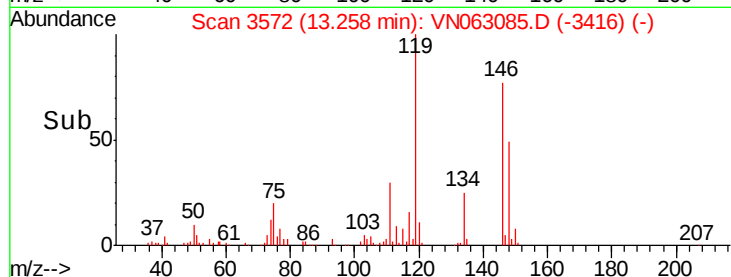
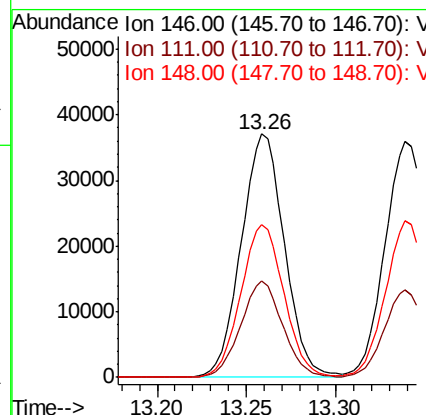
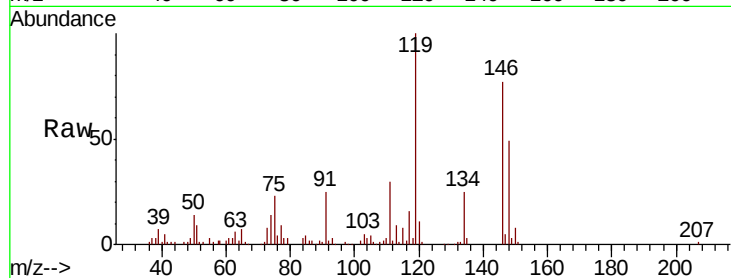




#83
 1,3-Dichlorobenzene
 Concen: 17.005 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

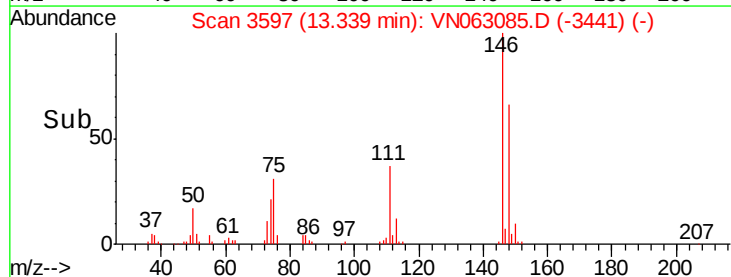
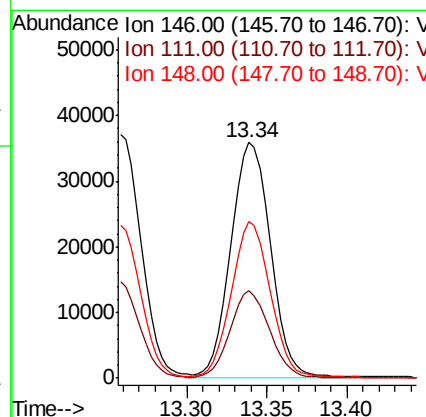
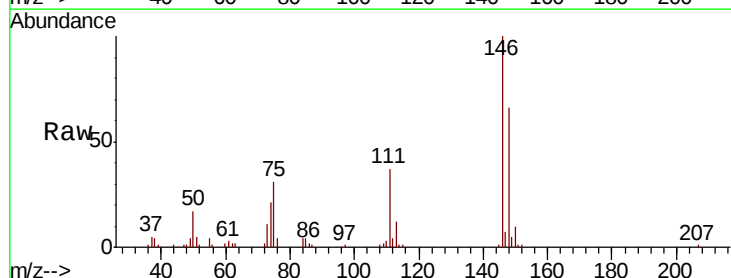
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

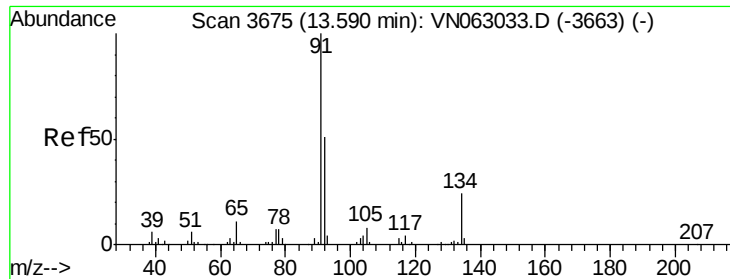
Tot Ion:146 Resp: 62706
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.4 58.1
 148 62.7 31.5 94.5



#84
 1,4-Dichlorobenzene
 Concen: 16.827 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

Tgt Ion:146 Resp: 60645
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.8
 148 65.9 31.6 94.8

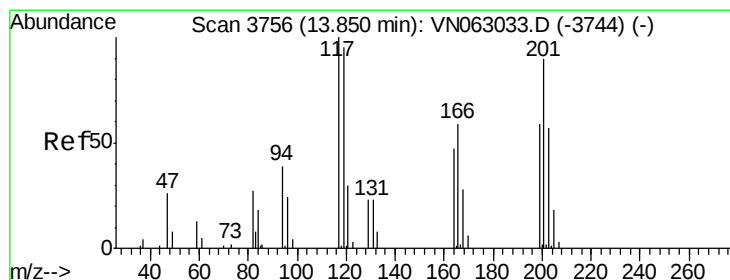
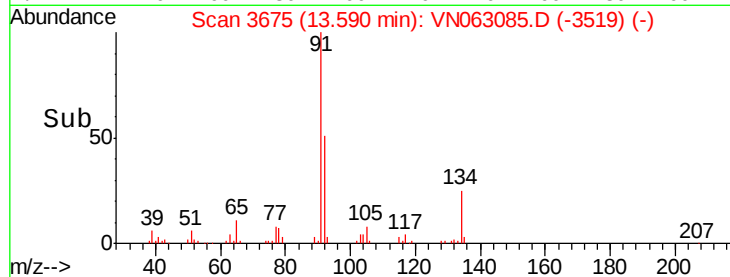
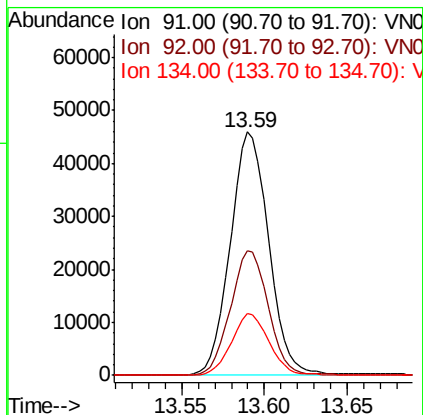
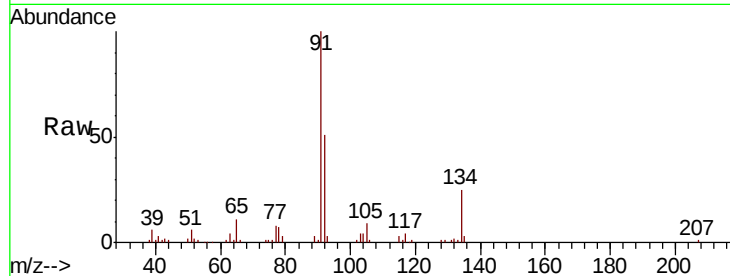




#85
n-Butylbenzene
Concen: 13.004 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

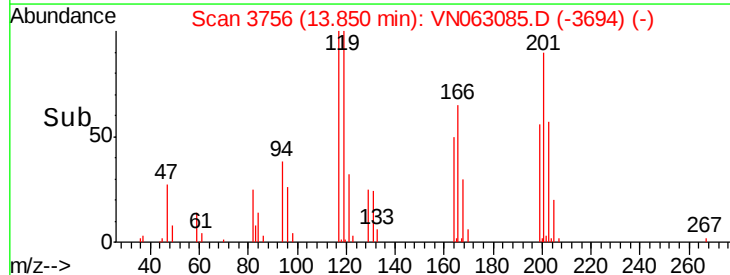
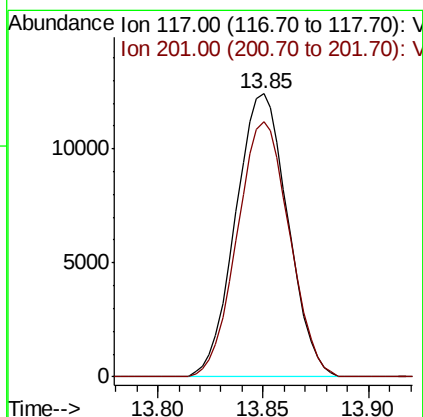
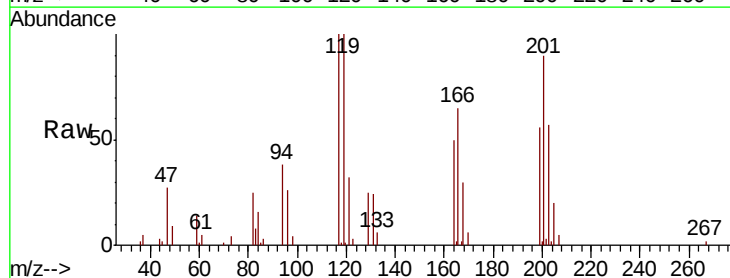
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

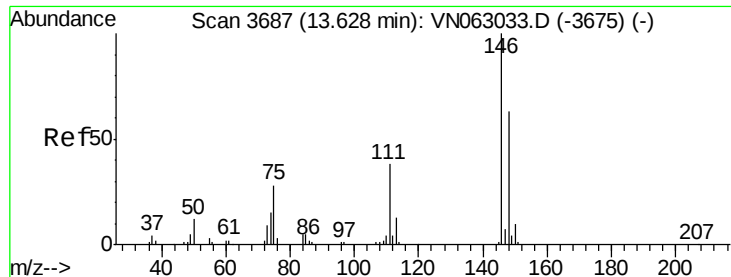
Tot Ion: 91 Resp: 74216
Ion Ratio Lower Upper
91 100
92 50.1 0.0 100.6
134 24.7 0.0 47.4



#86
Hexachloroethane
Concen: 15.809 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN063085.D
Acq: 21 Aug 2020 17:03

Tgt Ion: 117 Resp: 21384
Ion Ratio Lower Upper
117 100
201 90.1 46.1 138.3

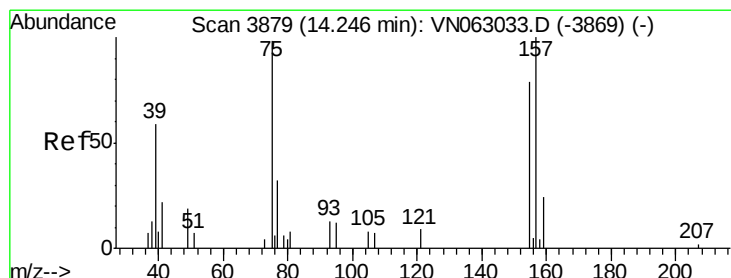
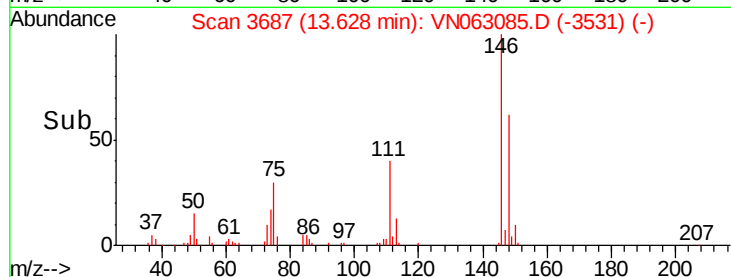
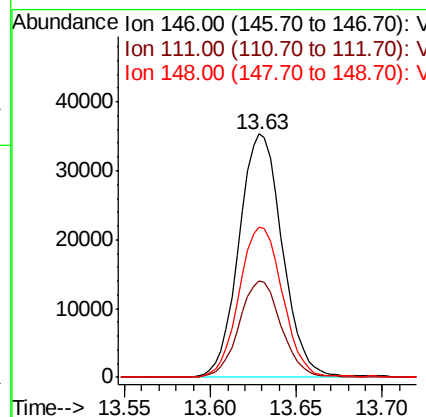
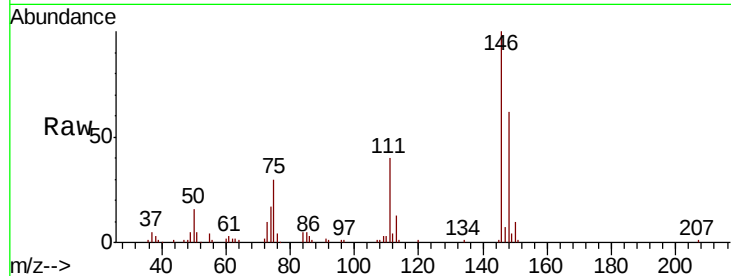




#87
 1,2-Dichlorobenzene
 Concen: 17.540 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

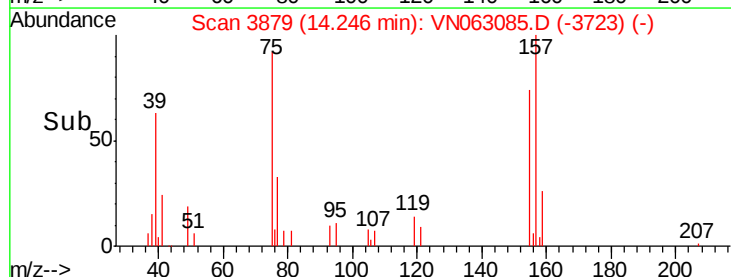
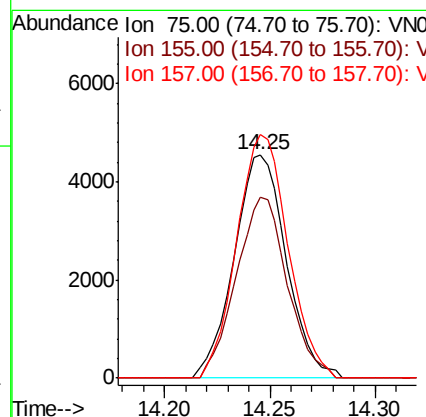
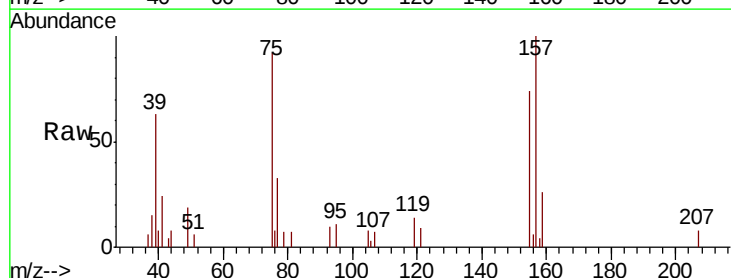
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

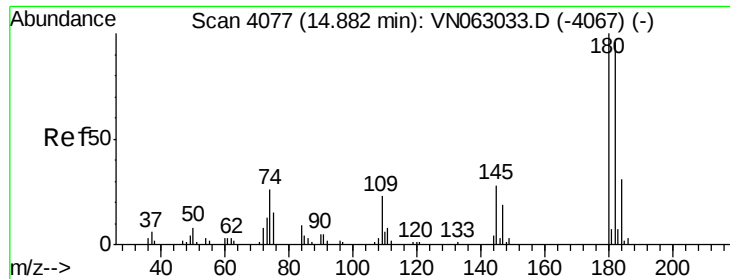
Tot Ion:146 Resp: 61947
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.1 57.3
 148 62.0 31.8 95.4



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.665 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

Tgt Ion: 75 Resp: 7834
 Ion Ratio Lower Upper
 75 100
 155 79.4 64.8 97.2
 157 107.5 81.2 121.8

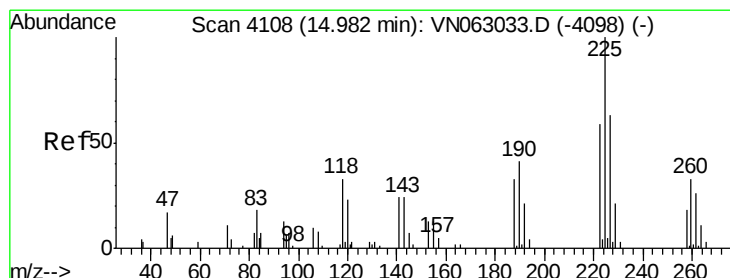
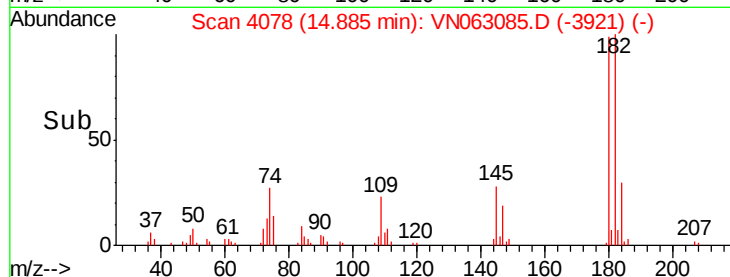
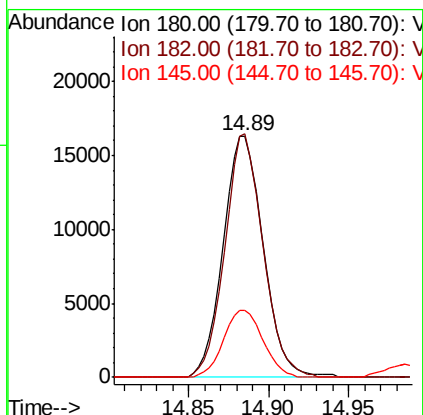
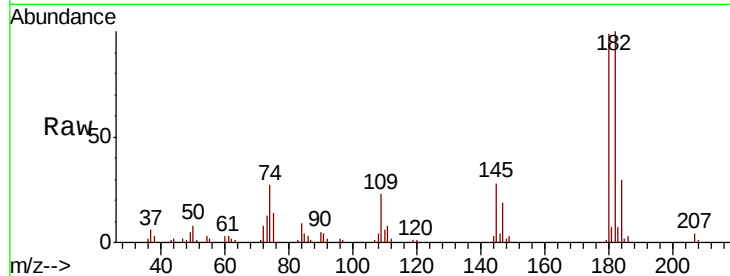




#89
 1,2,4-Trichlorobenzene
 Concen: 16.011 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

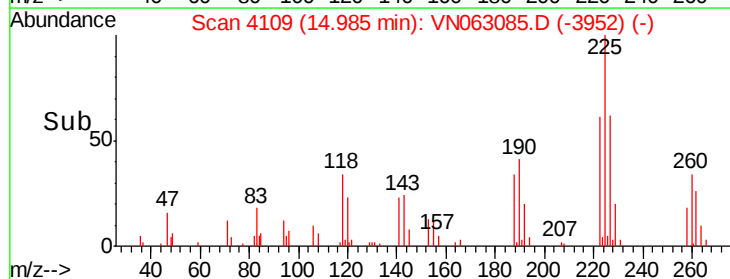
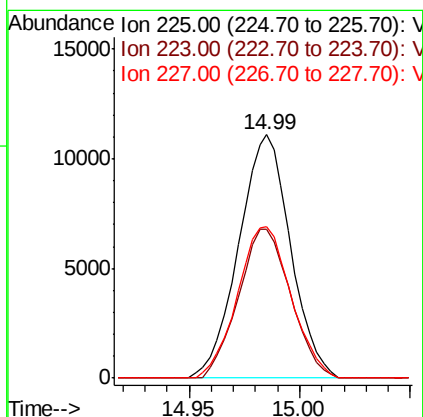
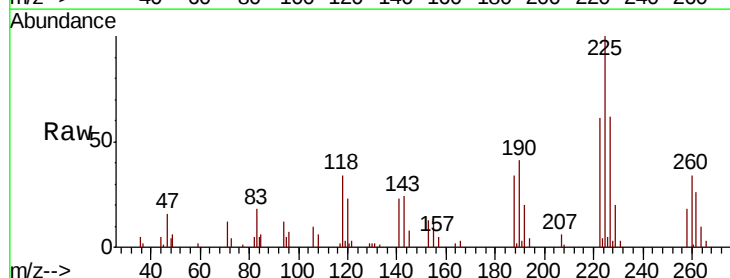
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

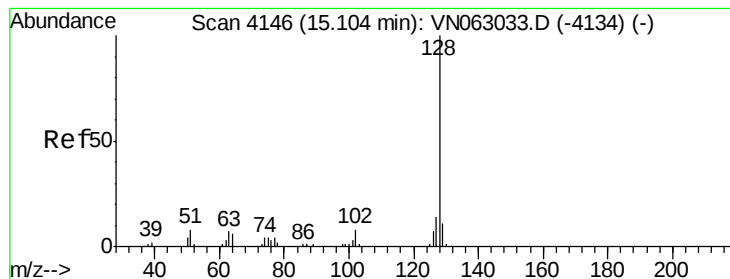
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.9	115.3
145	27.3	21.9	32.9



#90
 Hexachlorobutadiene
 Concen: 14.028 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN063085.D
 Acq: 21 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	0.0	122.8
227	64.4	0.0	125.6





#91

Naphthalene

Concen: 16.603 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

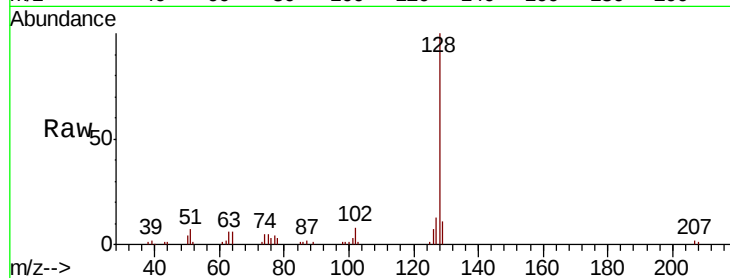
Tot Ion:128 Resp: 63944

Ion Ratio Lower Upper

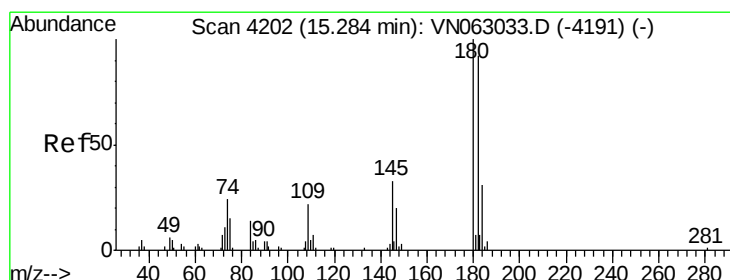
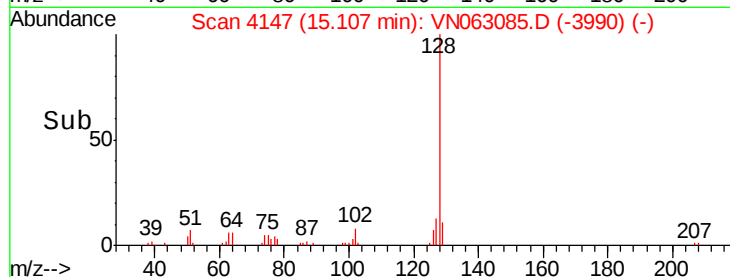
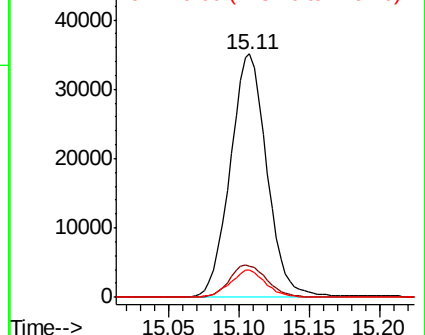
128 100

127 13.5 11.1 16.7

129 10.7 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 16.024 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN063085.D

Acq: 21 Aug 2020 17:03

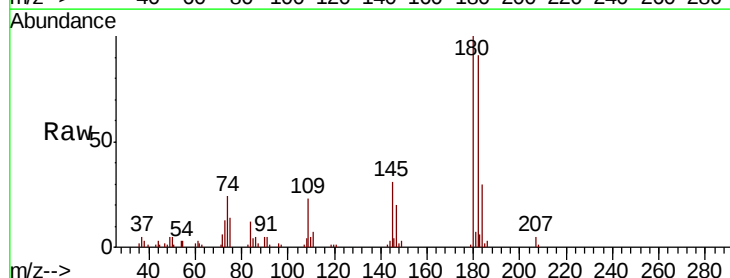
Tgt Ion:180 Resp: 27883

Ion Ratio Lower Upper

180 100

182 94.5 0.0 188.0

145 30.9 0.0 62.0



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

