

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102320\
 Data File : VN064280.D
 Acq On : 23 Oct 2020 10:22
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Oct 23 11:29:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 23 11:22:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	41036	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	235614	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	210467	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	113831	33.28	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.93%#
60) 4-Bromofluorobenzene	12.38	95	110673	29.53	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.43%
63) Toluene-d8	10.06	98	284676	29.95	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	41510	15.418	ug/l 100
3) Chloromethane	2.04	50	41880	15.151	ug/l 100
4) Vinyl Chloride	2.16	62	41130	15.150	ug/l 100
5) Bromomethane	2.54	94	28185	16.864	ug/l 100
6) Chloroethane	2.67	64	23409	14.812	ug/l 100
7) Trichlorofluoromethane	2.99	101	70058	16.043	ug/l 100
8) Diethyl Ether	3.37	74	20991	14.204	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	35048	15.192	ug/l 100
10) 1,1-Dichloroethene	3.70	96	34711	15.327	ug/l 100
11) Methyl Iodide	3.91	142	44779	13.839	ug/l 100
12) Methyl Acetate	4.27	43	16666	6.915	ug/l # 86
13) Acrolein	3.57	56	16130	61.805	ug/l 100
14) Acrylonitrile	4.93	53	73214	75.621	ug/l 100
15) Acetone	3.78	58	25361	92.390	ug/l 100
16) Carbon Disulfide	4.01	76	94751	14.732	ug/l 100
17) Allyl chloride	4.28	41	60162	14.407	ug/l 100
18) Methylene Chloride	4.51	84	38740	14.891	ug/l 100
19) trans-1,2-Dichloroethene	4.99	96	37301	15.257	ug/l 100
20) Diisopropyl ether	5.90	45	119934	15.375	ug/l 100
21) 1,1-Dichloroethane	5.80	63	72081	15.177	ug/l 100
22) cis-1,2-Dichloroethene	6.78	96	43270	15.174	ug/l 100
23) tert-Butyl Alcohol	4.72	59	12732	28.166	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	115636	15.425	ug/l 100
25) Chloroform	7.33	83	77292	15.563	ug/l 100
26) Cyclohexane	7.61	56	54873	14.600	ug/l 100
29) 1,1-Dichloropropene	7.76	75	56981	15.067	ug/l 100
30) 2-Butanone	6.78	43	128455	80.212	ug/l 100
31) 2,2-Dichloropropane	6.78	77	74724	15.468	ug/l 100
32) 1,1,1-Trichloroethane	7.53	97	73311	15.134	ug/l 100
33) Carbon Tetrachloride	7.73	117	64171	14.624	ug/l 100
34) Benzene	8.00	78	153814	14.580	ug/l 100
35) Methacrylonitrile	7.13	41	22477	13.195	ug/l 100
36) 1,2-Dichloroethane	8.09	62	71402	16.408	ug/l 100
37) Trichloroethene	8.80	130	41957	14.465	ug/l 100
38) Methylcyclohexane	9.05	83	50524	14.014	ug/l 100
39) 1,2-Dichloropropane	9.08	63	43225	15.261	ug/l 100
40) Dibromomethane	9.17	93	30696	15.478	ug/l 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102320\
 Data File : VN064280.D
 Acq On : 23 Oct 2020 10:22
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Oct 23 11:29:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 23 11:22:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	62360	14.687	ug/l	100
42) Vinyl Acetate	5.84	43	555084	74.540	ug/l	100
43) Ethyl Acetate	6.88	43	47716	14.024	ug/l	100
44) Isopropyl Acetate	8.12	43	92810	14.228	ug/l	100
45) 1,4-Dioxane	9.17	88	10421	270.474	ug/l	100
46) Methyl methacrylate	9.17	41	47993	15.329	ug/l	100
47) n-amyl Acetate	12.05	43	76541	13.224	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	70925	14.775	ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	70859	14.337	ug/l	100
50) 1,1,2-Trichloroethane	10.53	97	38977	14.838	ug/l	100
51) Ethyl methacrylate	10.40	69	54539	13.299	ug/l	100
52) 1,3-Dichloropropane	10.68	76	67059	14.766	ug/l	100
53) Dibromochloromethane	10.87	129	43411	13.314	ug/l	100
54) 1,2-Dibromoethane	10.98	107	39758	14.301	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	71379	38.150	ug/l	100
56) Bromoform	12.10	173	31062	13.600	ug/l	100
58) 4-Methyl-2-Pentanone	9.95	43	260259	74.961	ug/l	100
59) 2-Hexanone	10.72	43	192267	74.550	ug/l	100
61) Tetrachloroethene	10.60	164	41777	15.143	ug/l	100
62) Toluene	10.13	91	170147	14.631	ug/l	100
64) Chlorobenzene	11.41	112	104736	14.491	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.48	131	42092	14.775	ug/l	100
66) Ethyl Benzene	11.48	91	193928	14.549	ug/l	100
67) m/p-Xylenes	11.60	106	142544	28.706	ug/l	100
68) o-Xylene	11.92	106	67108	13.933	ug/l	100
69) Styrene	11.94	104	112160	13.809	ug/l	100
70) Isopropylbenzene	12.22	105	181046	14.261	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	49364	14.156	ug/l	100
72) 1,2,3-Trichloropropane	12.53	75	75107	20.444	ug/l	64
73) Bromobenzene	12.50	156	43556	14.282	ug/l	100
74) n-propylbenzene	12.57	91	210179	14.456	ug/l	100
75) 2-Chlorotoluene	12.65	91	126641	14.112	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	153900	14.223	ug/l	100
77) t-1,4-Dichloro-2-butene	12.27	75	20330	14.242	ug/l	100
78) 4-Chlorotoluene	12.75	91	133913	14.210	ug/l	100
79) tert-butylbenzene	12.97	119	127847	14.434	ug/l	100
80) 1,2,4-Trimethylbenzene	13.01	105	153251	14.022	ug/l	100
81) sec-Butylbenzene	13.14	105	159456	13.938	ug/l	100
82) p-Isopropyltoluene	13.26	119	149602	14.093	ug/l	100
83) 1,3-Dichlorobenzene	13.26	146	77061	13.995	ug/l	100
84) 1,4-Dichlorobenzene	13.34	146	76080	13.886	ug/l	100
85) n-Butylbenzene	13.59	91	126151	13.427	ug/l	100
86) Hexachloroethane	13.85	117	24626	13.554	ug/l	100
87) 1,2-Dichlorobenzene	13.63	146	74154	13.804	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.24	75	12818	14.366	ug/l	100
89) 1,2,4-Trichlorobenzene	14.88	180	41398	13.068	ug/l	100
90) Hexachlorobutadiene	14.98	225	23961	14.614	ug/l	100
91) Naphthalene	15.10	128	120050	12.482	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	39079	12.862	ug/l	100

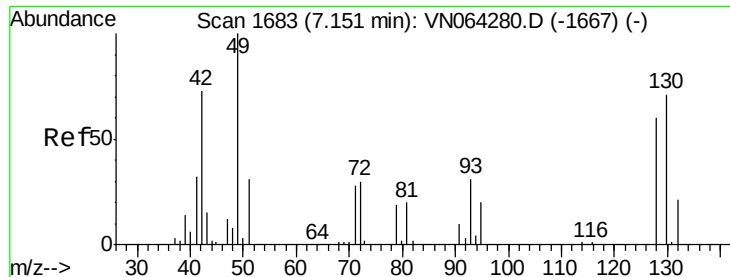
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102320\
Data File : VN064280.D
Acq On : 23 Oct 2020 10:22
Operator : JC/MD
Sample : VSTDICCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Quant Time: Oct 23 11:29:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 23 11:22:09 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# 1683

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

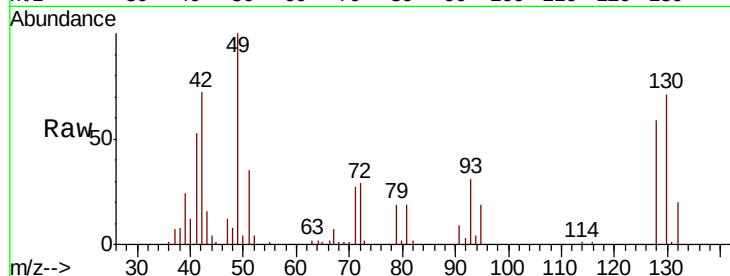
Tot Ion:128 Resp: 41036

Ion Ratio Lower Upper

128 100

49 178.0 0.0 445.0

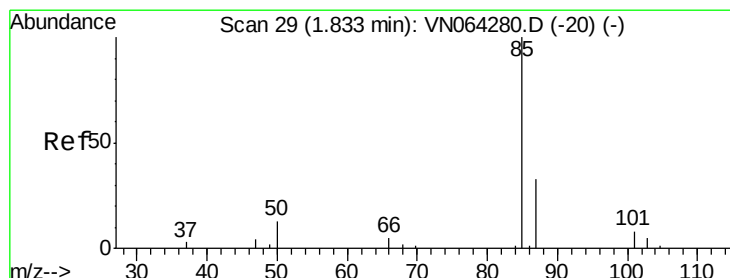
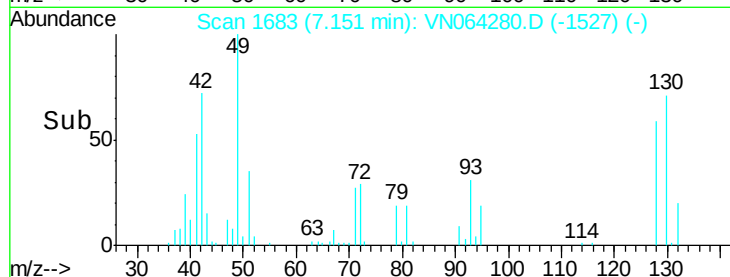
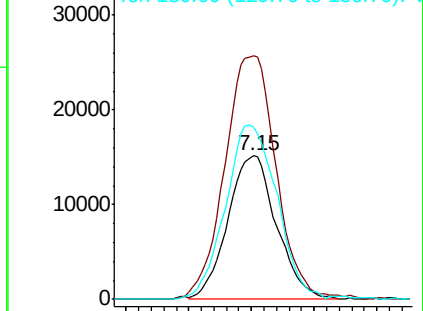
130 128.1 0.0 320.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 15.418 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064280.D

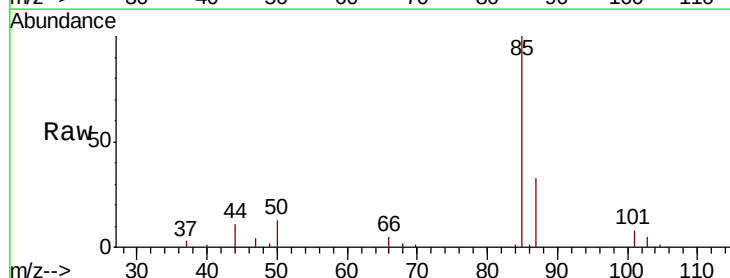
Acq: 23 Oct 2020 10:22

Tgt Ion: 85 Resp: 41510

Ion Ratio Lower Upper

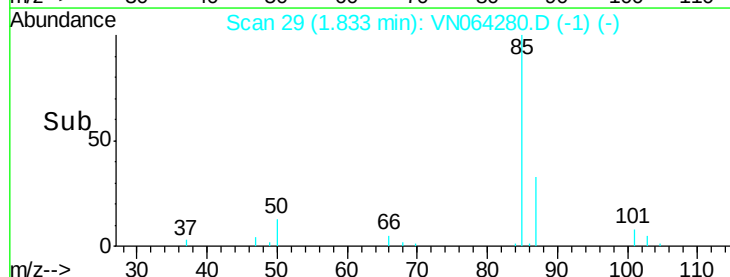
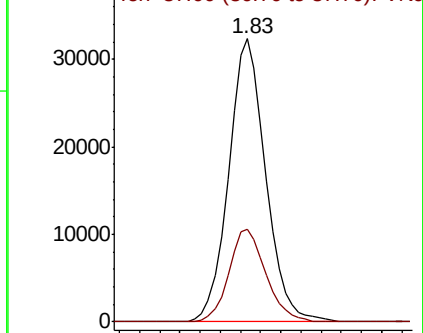
85 100

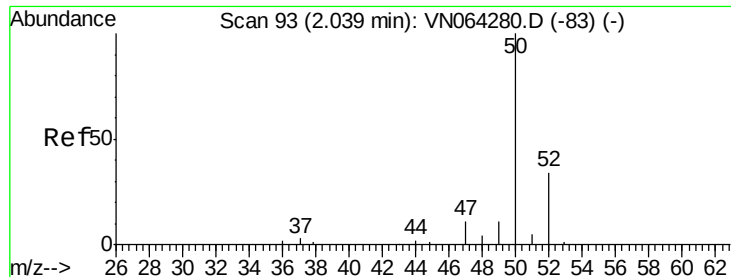
87 32.8 16.4 49.2



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

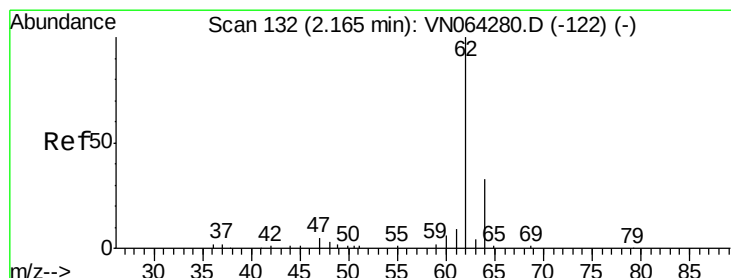
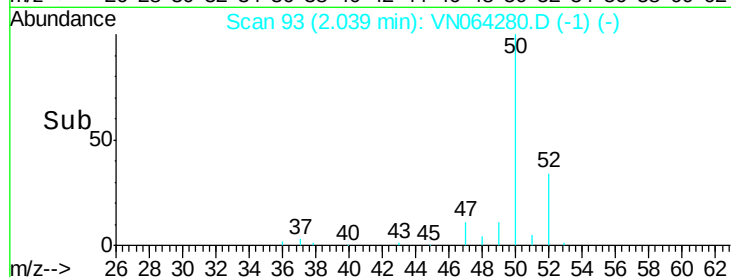
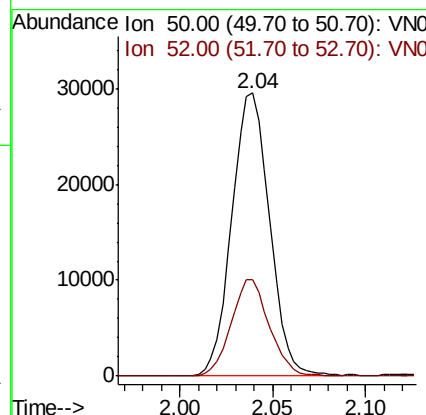
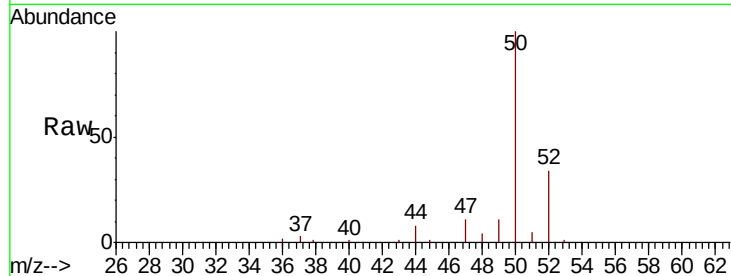




#3
 Chloromethane
 Concen: 15.151 ug/l
 RT: 2.04 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

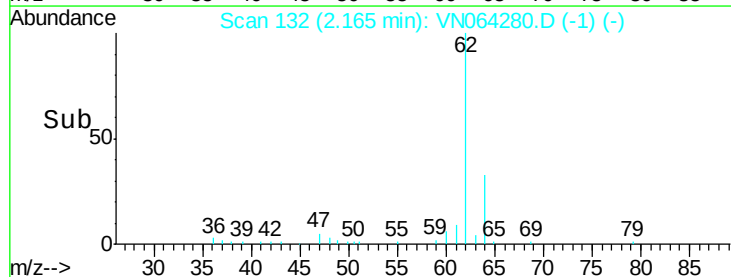
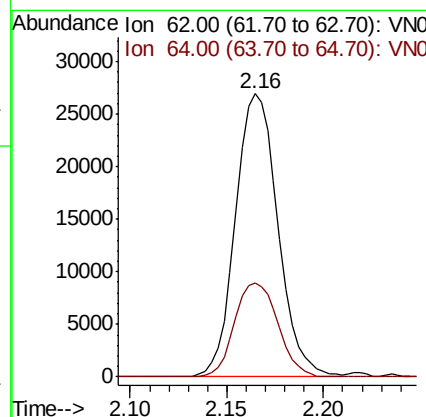
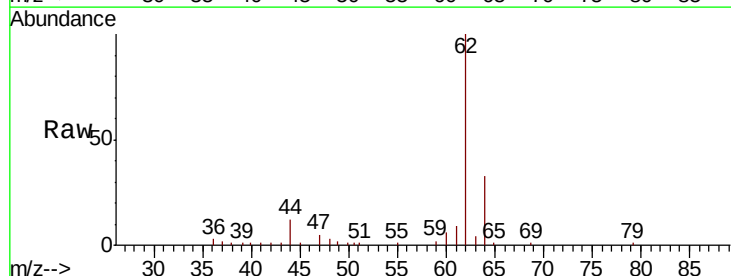
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

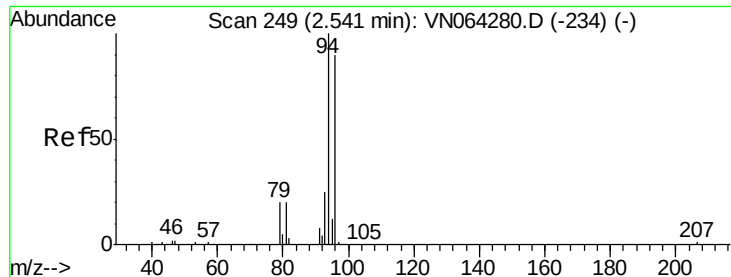
Tot Ion: 50 Resp: 41880
 Ion Ratio Lower Upper
 50 100
 52 33.9 27.1 40.7



#4
 Vinyl Chloride
 Concen: 15.150 ug/l
 RT: 2.16 min Scan# 132
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

Tgt Ion: 62 Resp: 41130
 Ion Ratio Lower Upper
 62 100
 64 33.2 26.6 39.8





#5

Bromomethane

Concen: 16.864 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

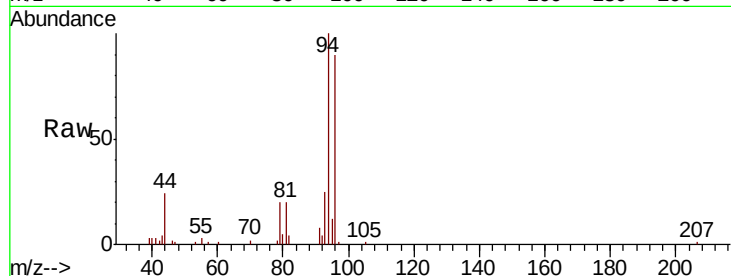
VSTDICCC020

Tot Ion: 94 Resp: 28185

Ion Ratio Lower Upper

94 100

96 90.5 72.4 108.6



Abundance Ion 94.00 (93.70 to 94.70): VN064280.D (-234) (-)

Ion 96.00 (95.70 to 96.70): VN064280.D (-234) (-)

15000

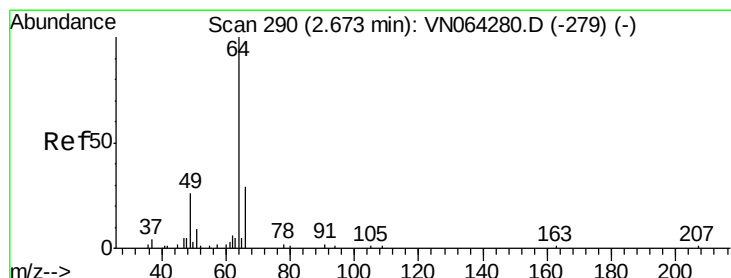
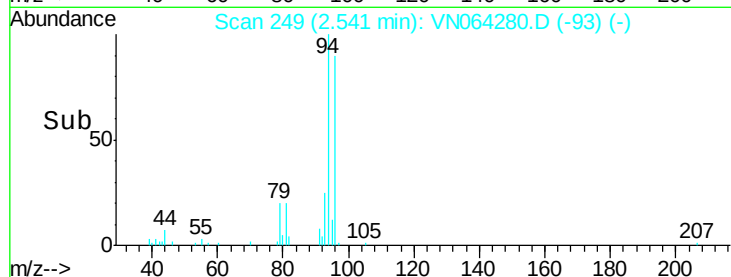
10000

5000

0

2.45 2.50 2.55 2.60

Time-->



#6

Chloroethane

Concen: 14.812 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064280.D

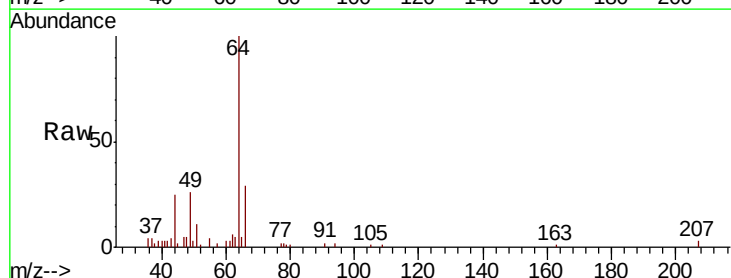
Acq: 23 Oct 2020 10:22

Tgt Ion: 64 Resp: 23409

Ion Ratio Lower Upper

64 100

66 29.3 23.4 35.2



Abundance Ion 64.00 (63.70 to 64.70): VN064280.D (-279) (-)

Ion 66.00 (65.70 to 66.70): VN064280.D (-279) (-)

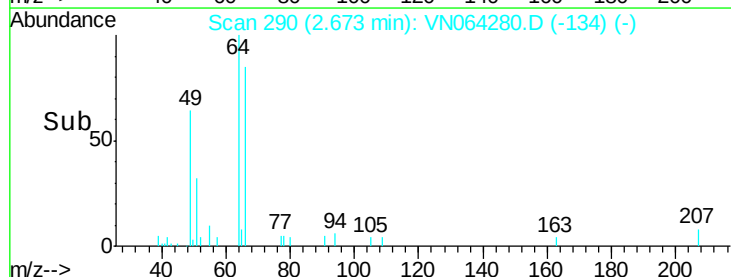
10000

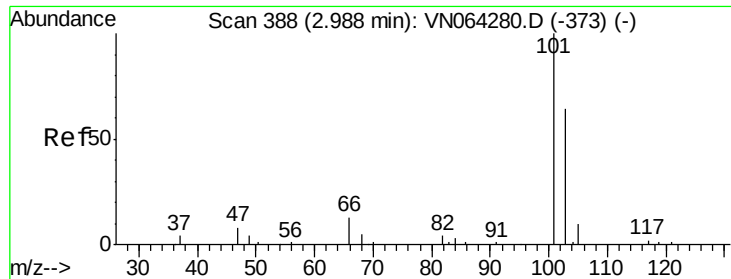
5000

0

2.60 2.65 2.70 2.75

Time-->



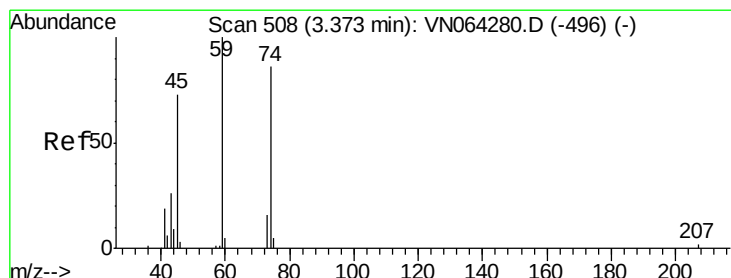
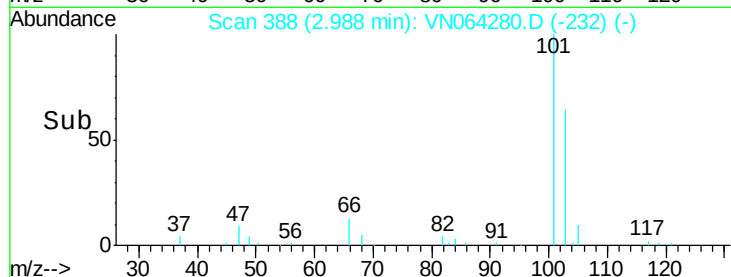
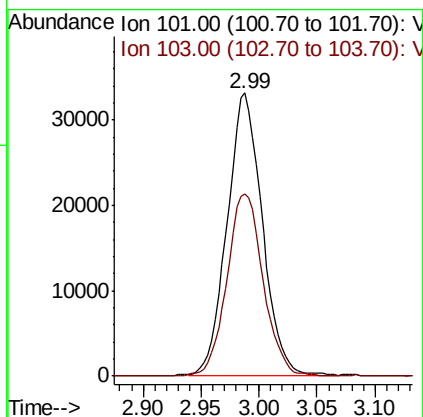
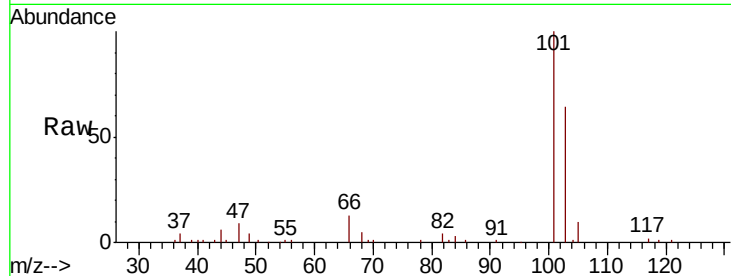


#7

Trichlorofluoromethane
 Concen: 16.043 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

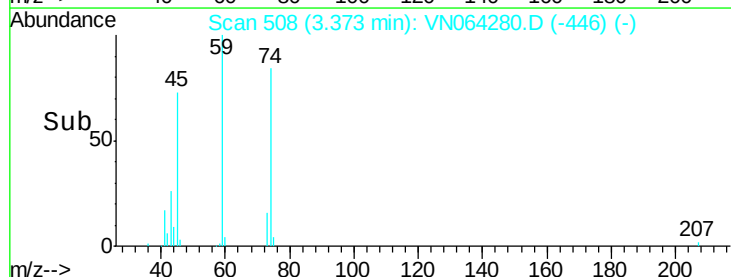
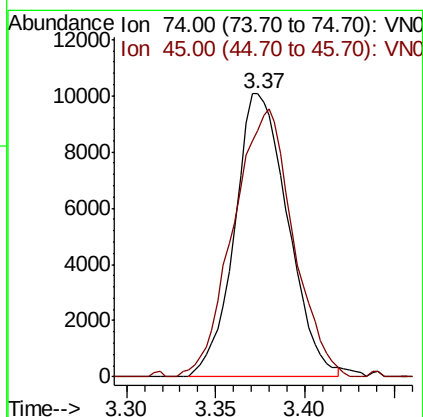
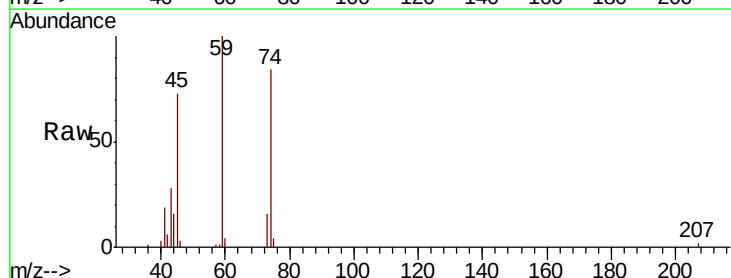
Tot Ion:101 Resp: 70058
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0

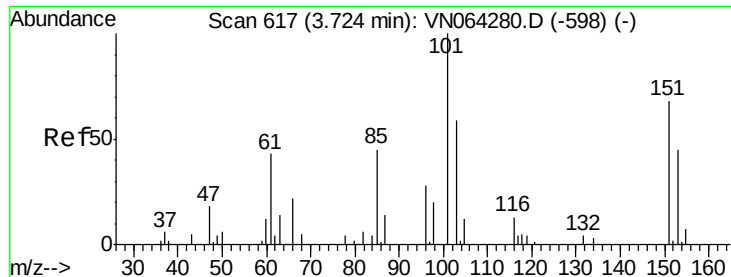


#8

Diethyl Ether
 Concen: 14.204 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

Tgt Ion: 74 Resp: 20991
 Ion Ratio Lower Upper
 74 100
 45 106.3 21.3 191.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.192 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

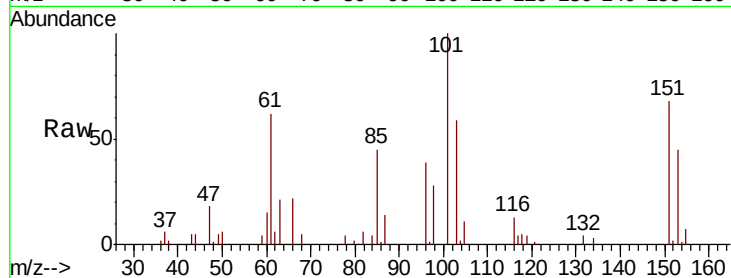
Tot Ion:101 Resp: 35048

Ion Ratio Lower Upper

101 100

85 23.7 0.0 47.4

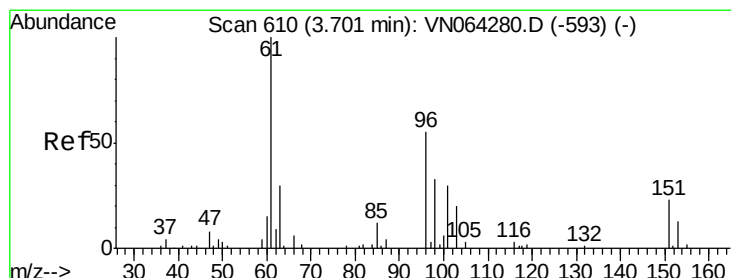
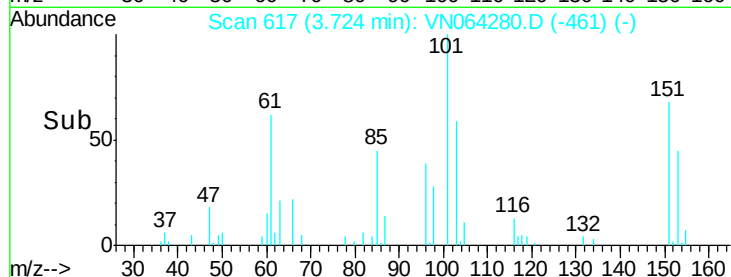
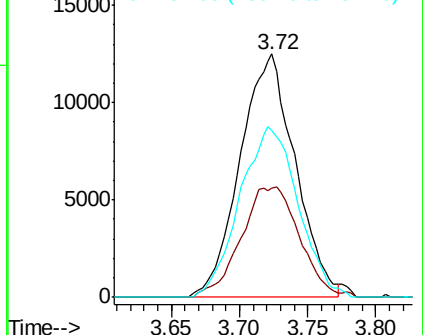
151 74.2 0.0 148.4



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: 15.327 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

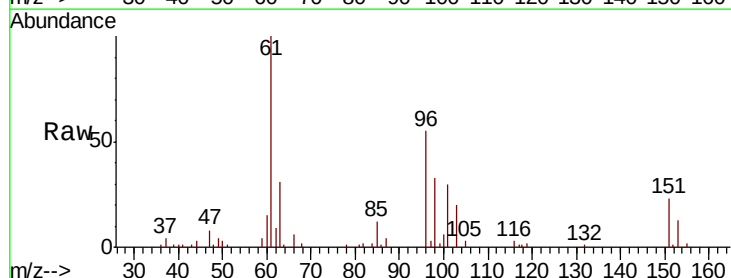
Tgt Ion: 96 Resp: 34711

Ion Ratio Lower Upper

96 100

61 180.3 144.2 216.4

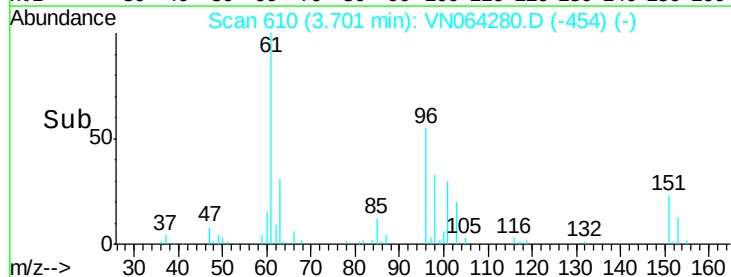
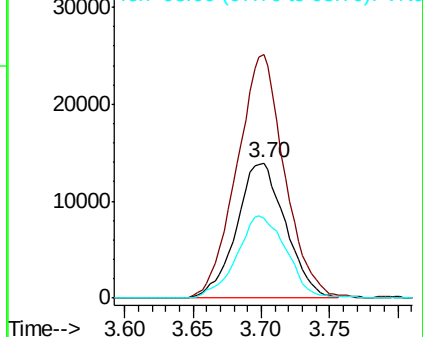
98 59.2 47.4 71.0

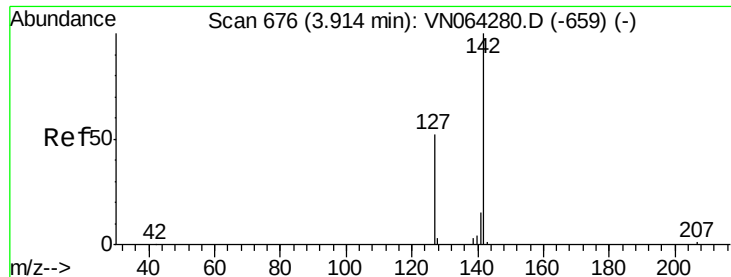


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

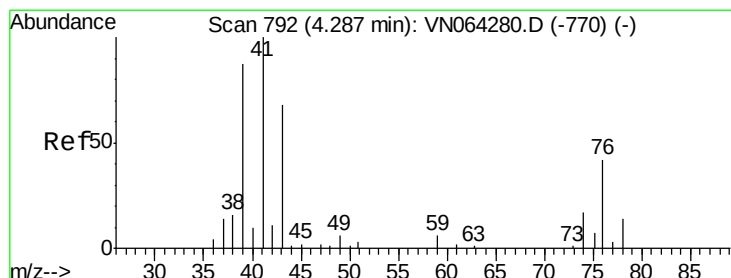
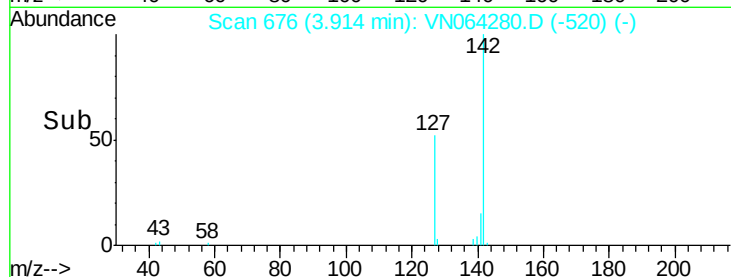
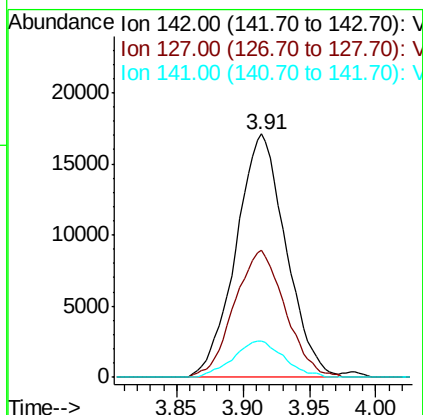
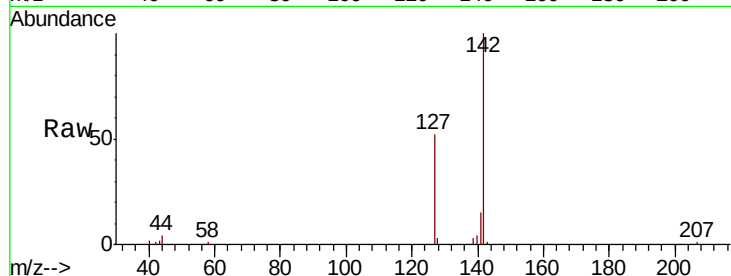




#11
Methyl Iodide
Concen: 13.839 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

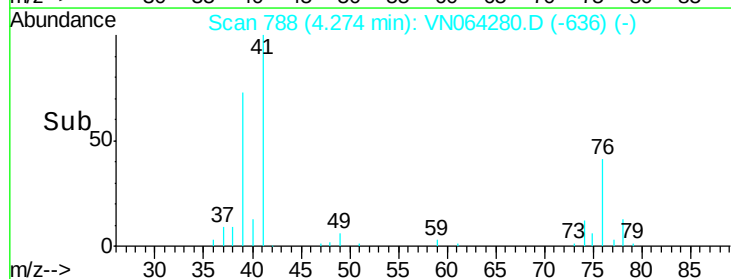
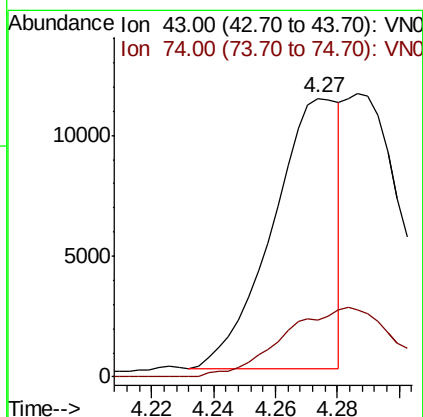
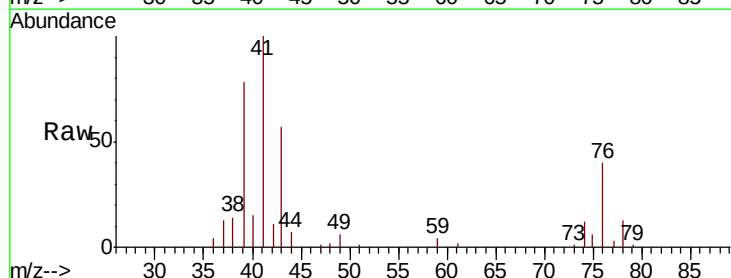
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

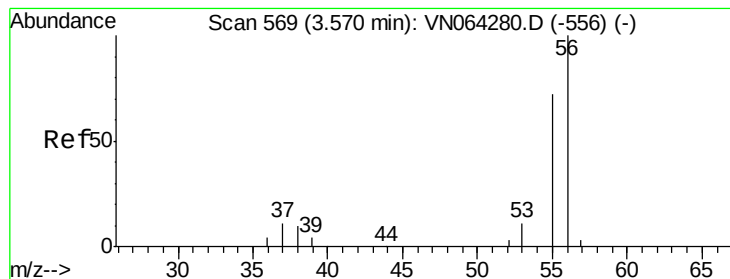
Tot Ion:142 Resp: 44779
Ion Ratio Lower Upper
142 100
127 51.9 25.9 77.8
141 15.1 7.5 22.6



#12
Methyl Acetate
Concen: 6.915 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.01 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

Tgt Ion: 43 Resp: 16666
Ion Ratio Lower Upper
43 100
74 16.8 19.0 28.6#





#13

Acrolein

Concen: 61.805 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

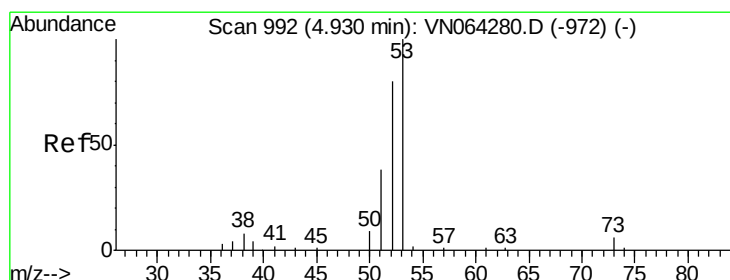
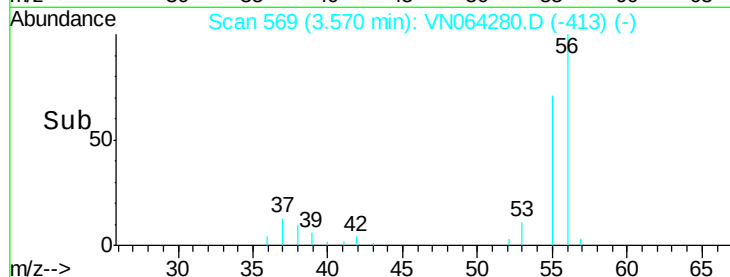
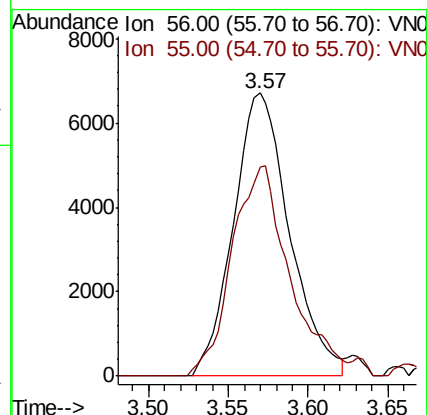
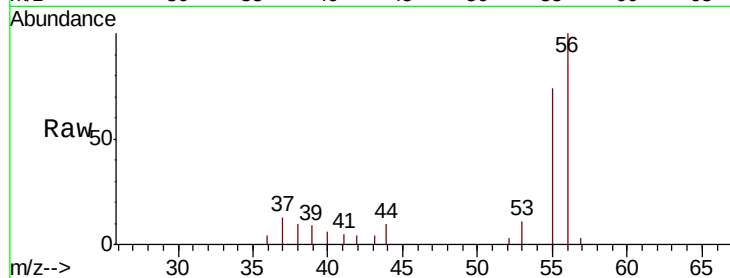
VSTDICCC020

Tot Ion: 56 Resp: 16130

Ion Ratio Lower Upper

56 100

55 76.3 61.0 91.6



#14

Acrylonitrile

Concen: 75.621 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

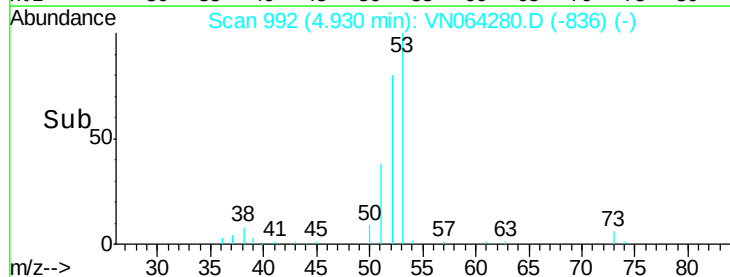
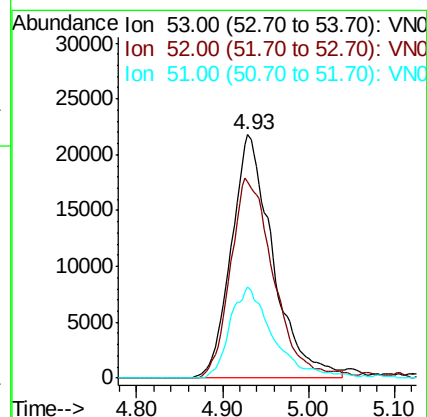
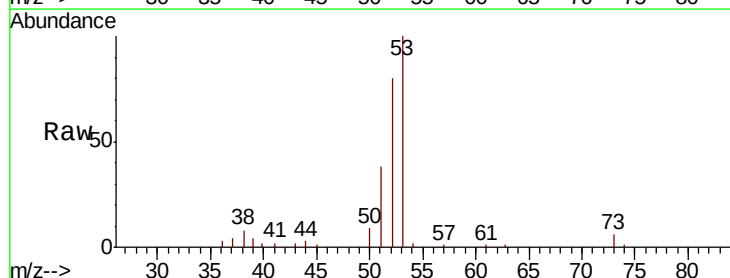
Tgt Ion: 53 Resp: 73214

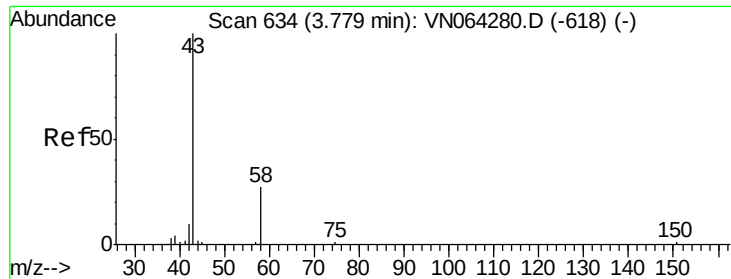
Ion Ratio Lower Upper

53 100

52 83.4 41.7 125.1

51 37.8 18.9 56.7





#15

Acetone

Concen: 92.390 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

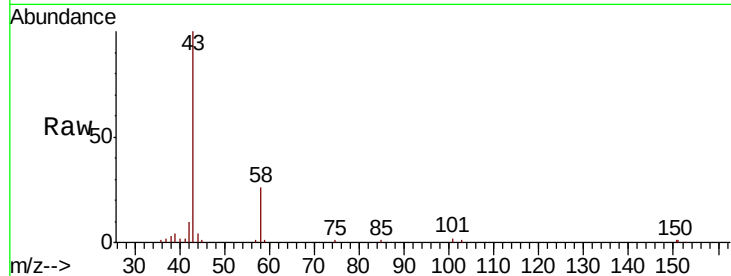
VSTDICCC020

Tot Ion: 58 Resp: 25361

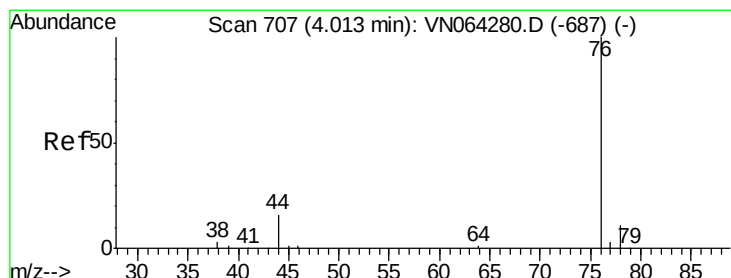
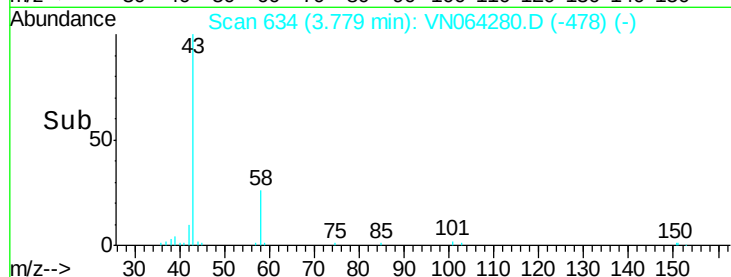
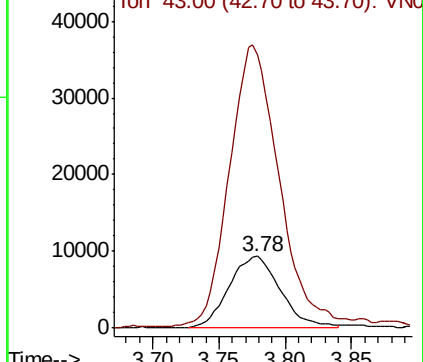
Ion Ratio Lower Upper

58 100

43 371.7 297.4 446.0



Abundance Ion 58.00 (57.70 to 58.70): VN064280.D (-618) (-)



#16

Carbon Disulfide

Concen: 14.732 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064280.D

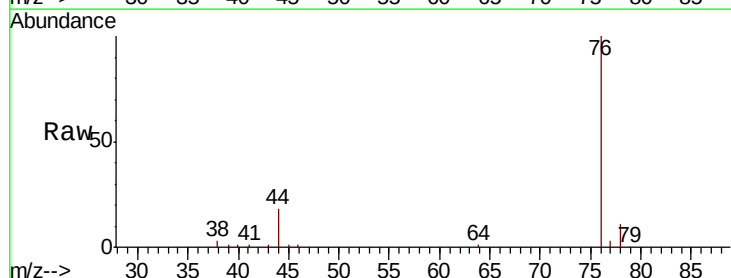
Acq: 23 Oct 2020 10:22

Tgt Ion: 76 Resp: 94751

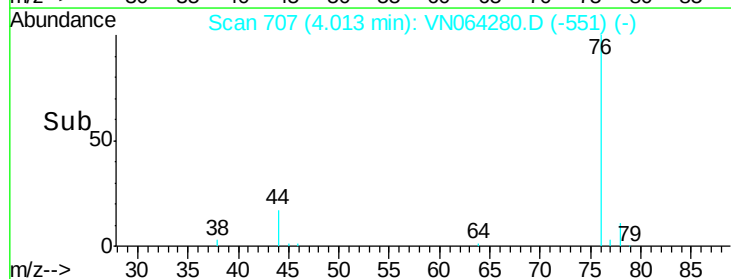
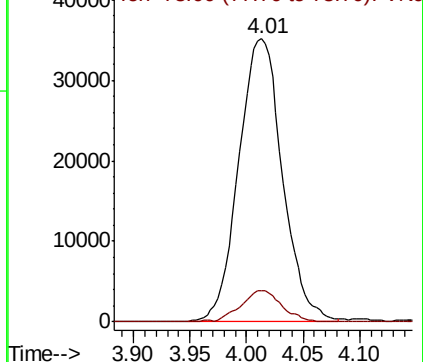
Ion Ratio Lower Upper

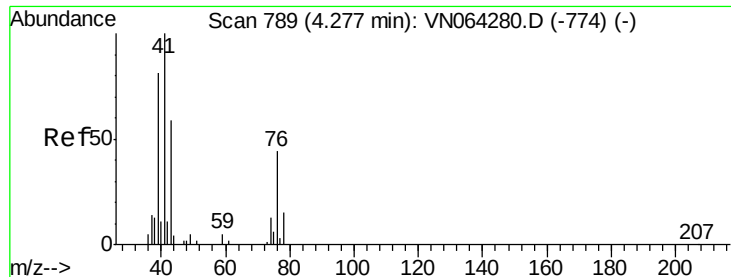
76 100

78 11.2 9.0 13.4



Abundance Ion 76.00 (75.70 to 76.70): VN064280.D (-687) (-)

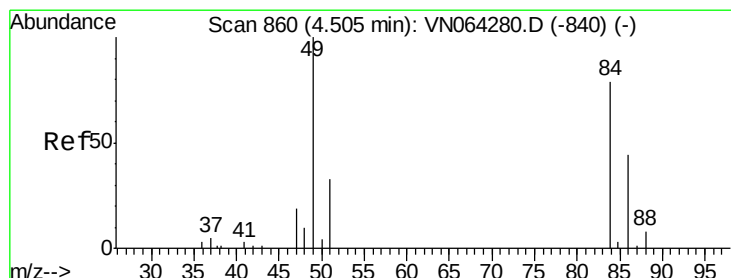
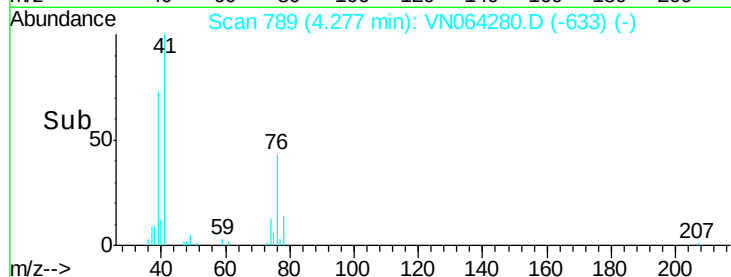
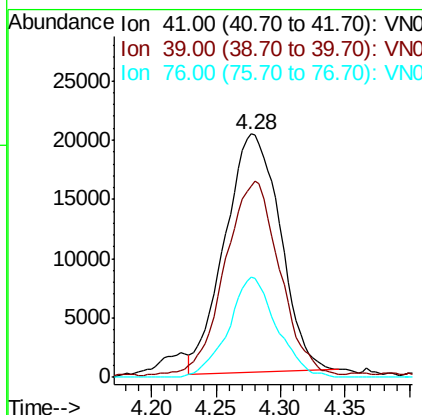
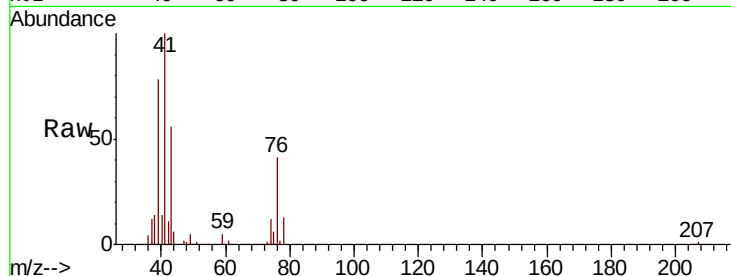




#17
Allvl chloride
Concen: 14.407 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

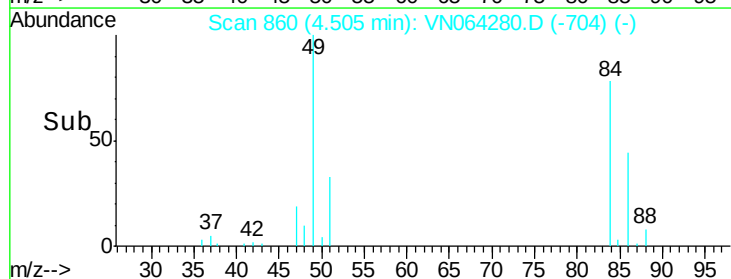
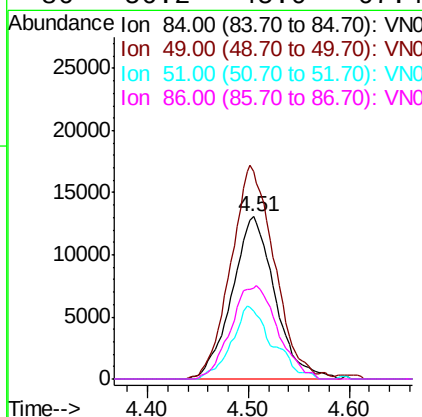
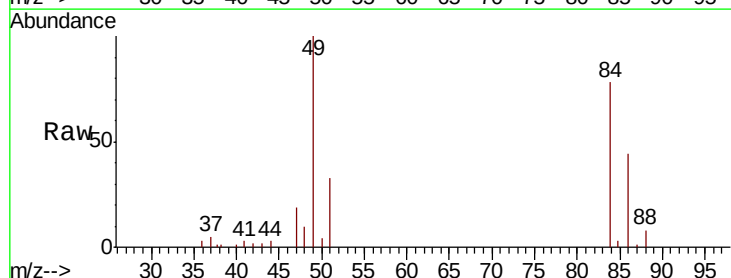
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

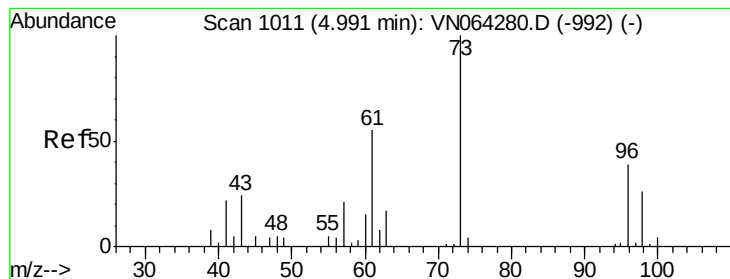
Tot Ion: 41 Resp: 60162
Ion Ratio Lower Upper
41 100
39 79.7 39.9 119.6
76 42.8 21.4 64.2



#18
Methylene Chloride
Concen: 14.891 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

Tgt Ion: 84 Resp: 38740
Ion Ratio Lower Upper
84 100
49 126.4 101.1 151.7
51 41.7 33.4 50.0
86 56.2 45.0 67.4





#19

trans-1,2-Dichloroethene

Concen: 15.257 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

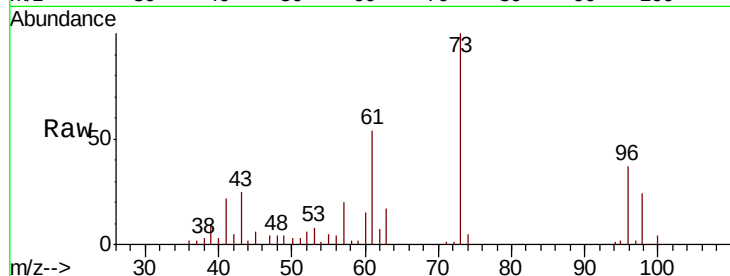
Tot Ion: 96 Resp: 37301

Ion Ratio Lower Upper

96 100

61 142.7 114.2 171.2

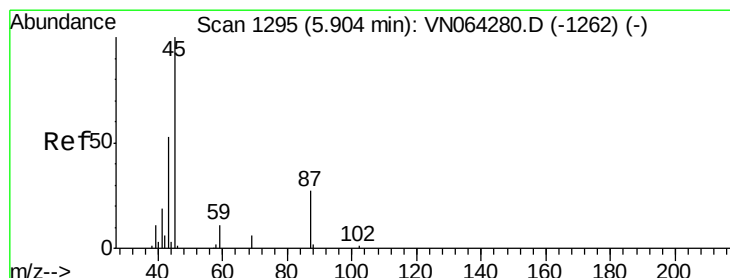
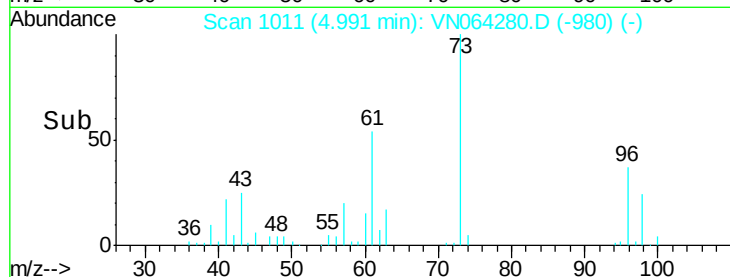
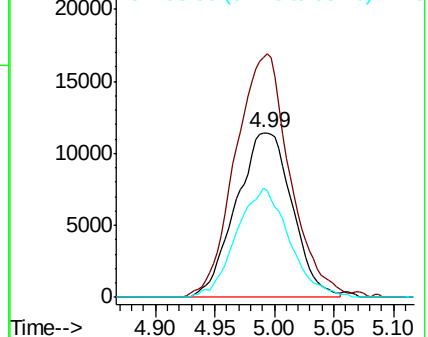
98 66.0 52.8 79.2



Abundance Ion 96.00 (95.70 to 96.70): VN064280.D (-992) (-)

Ion 61.00 (60.70 to 61.70): VN064280.D (-992) (-)

Ion 98.00 (97.70 to 98.70): VN064280.D (-992) (-)



#20

Diisopropyl ether

Concen: 15.375 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Tgt Ion: 45 Resp: 119934

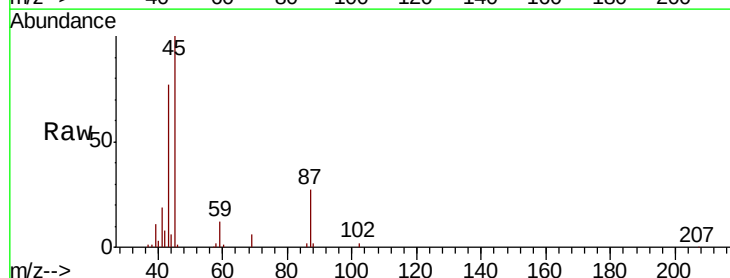
Ion Ratio Lower Upper

45 100

43 73.6 58.9 88.3

87 26.2 21.0 31.4

59 11.4 9.1 13.7

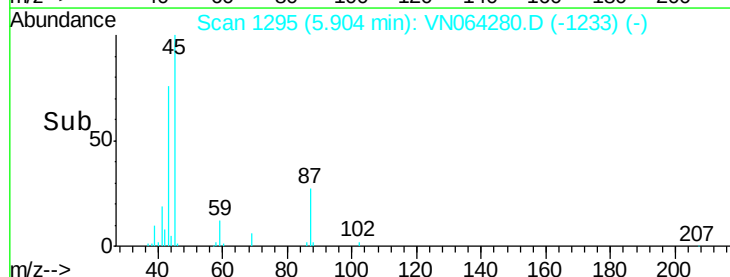
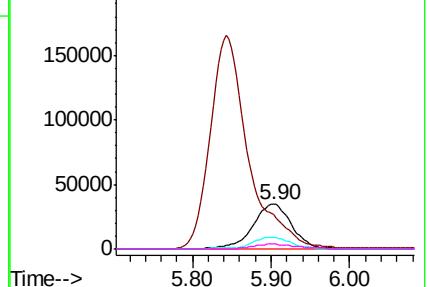


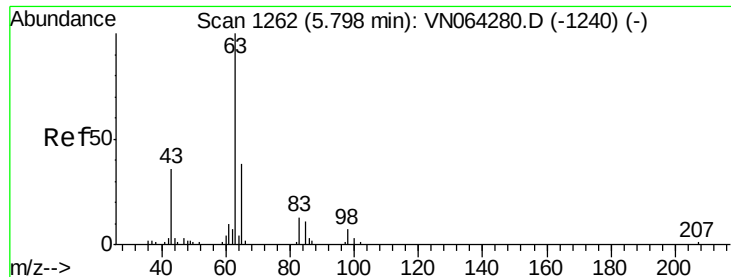
Abundance Ion 45.00 (44.70 to 45.70): VN064280.D (-1262) (-)

Ion 43.00 (42.70 to 43.70): VN064280.D (-1262) (-)

Ion 87.00 (86.70 to 87.70): VN064280.D (-1262) (-)

Ion 59.00 (58.70 to 59.70): VN064280.D (-1262) (-)

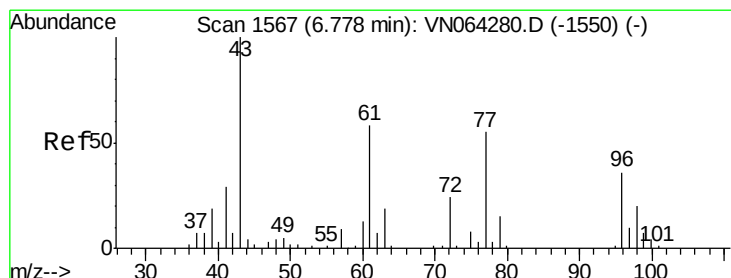
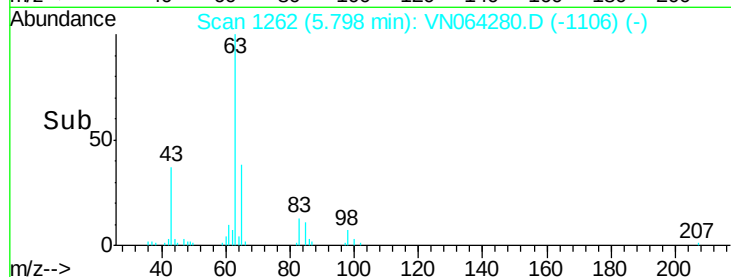
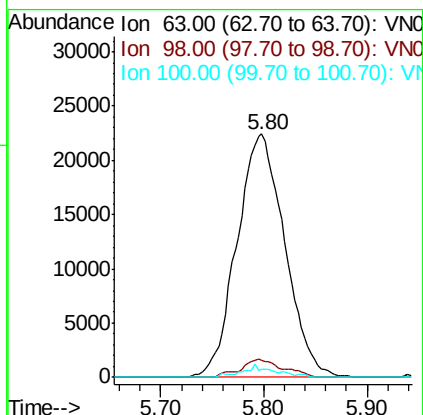
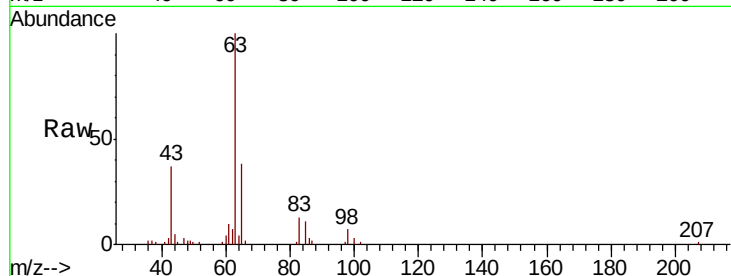




#21
 1,1-Dichloroethane
 Concen: 15.177 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

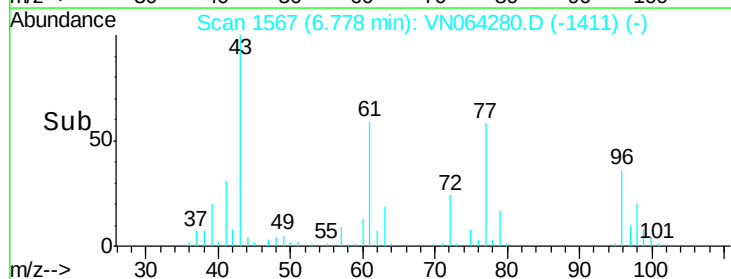
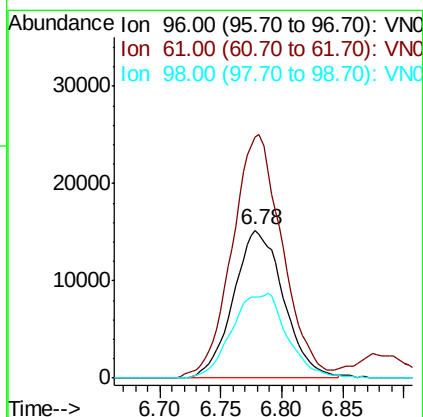
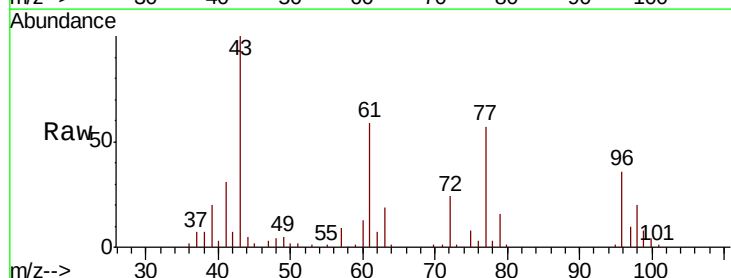
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

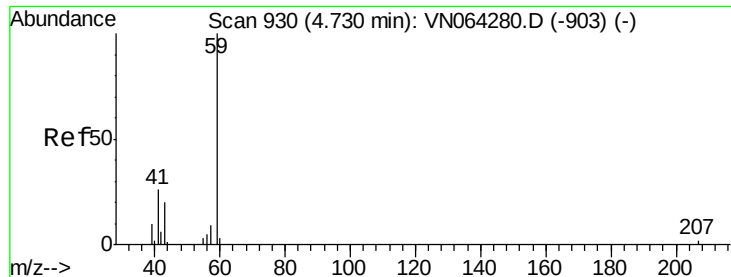
Tot Ion: 63 Resp: 72081
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 3.1 1.6 4.7



#22
 cis-1,2-Dichloroethene
 Concen: 15.174 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

Tgt Ion: 96 Resp: 43270
 Ion Ratio Lower Upper
 96 100
 61 165.2 132.2 198.2
 98 33.1 26.5 39.7





#23

tert-Butyl Alcohol

Concen: 28.166 ug/l

RT: 4.72 min Scan# 926

Delta R.T. -0.01 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

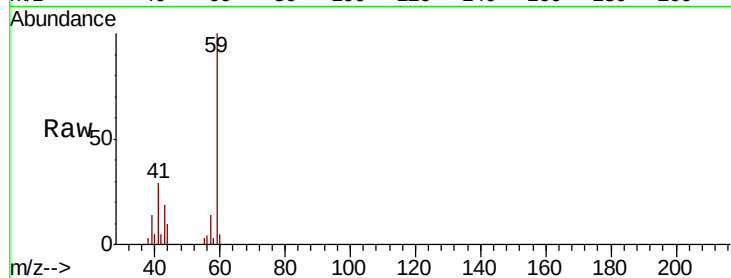
VSTDICCC020

Tot Ion: 59 Resp: 12732

Ion Ratio Lower Upper

59 100

52 0.5 0.2 0.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

10000

8000

6000

4000

2000

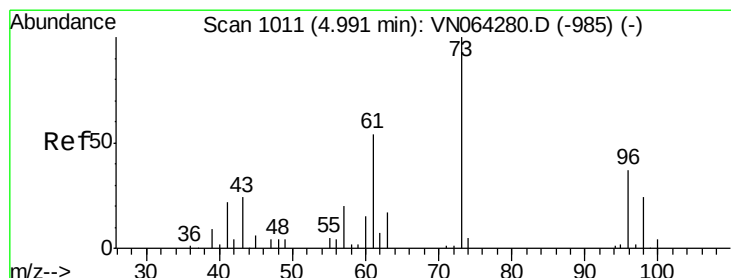
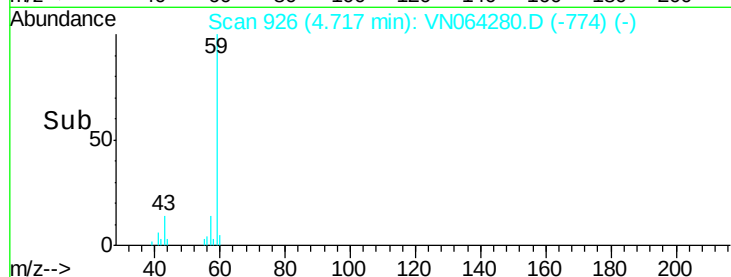
0

4.65

4.70

4.72

Time-->



#24

Methyl tert-Butyl Ether

Concen: 15.425 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN064280.D

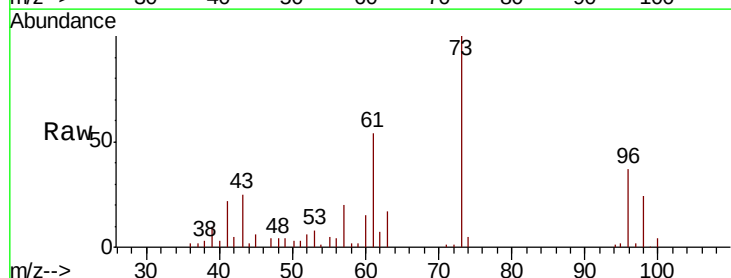
Acq: 23 Oct 2020 10:22

Tgt Ion: 73 Resp: 115636

Ion Ratio Lower Upper

73 100

43 24.6 19.7 29.5



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

30000

20000

10000

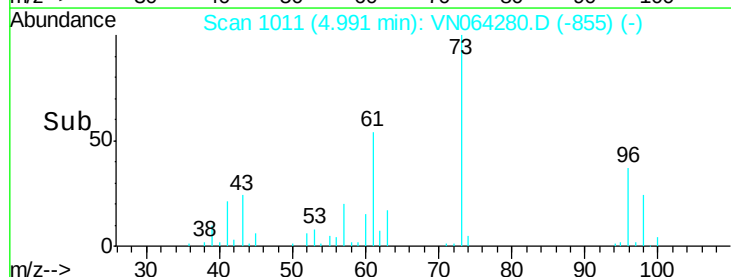
0

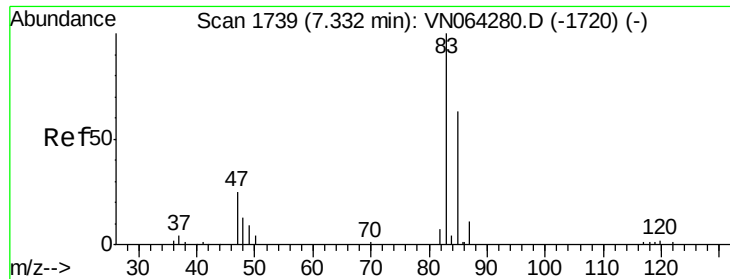
4.90

5.00

5.10

Time-->

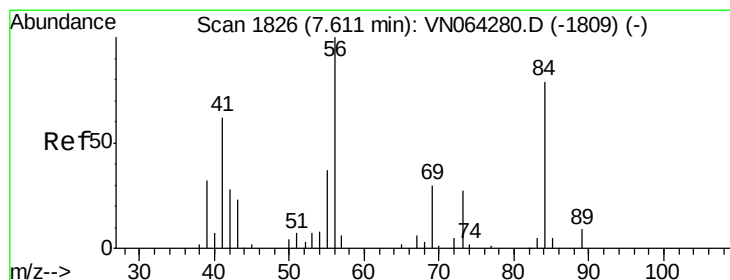
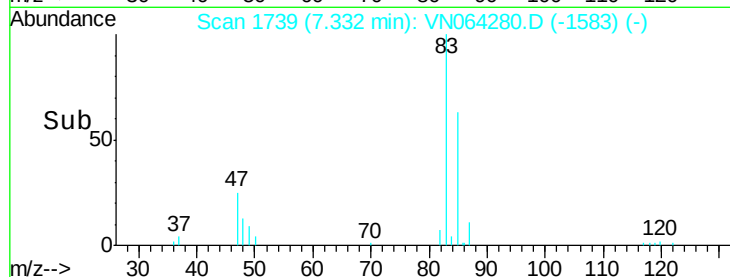
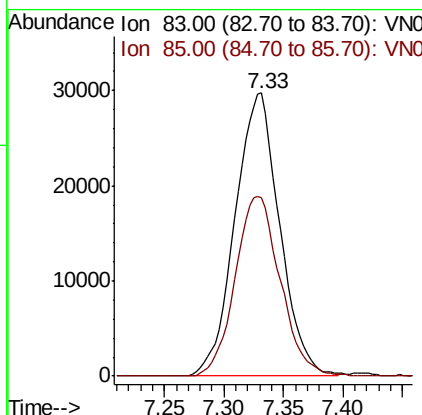
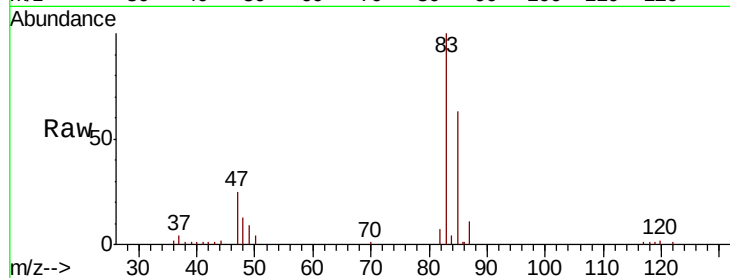




#25
Chloroform
Concen: 15.563 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

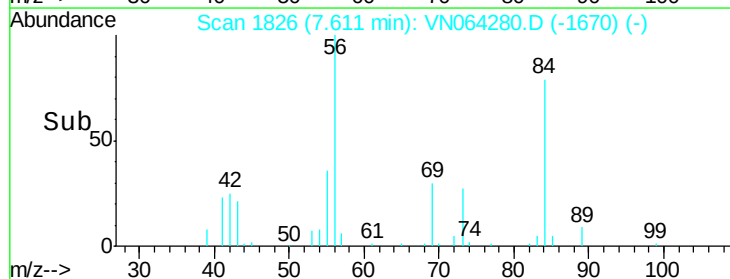
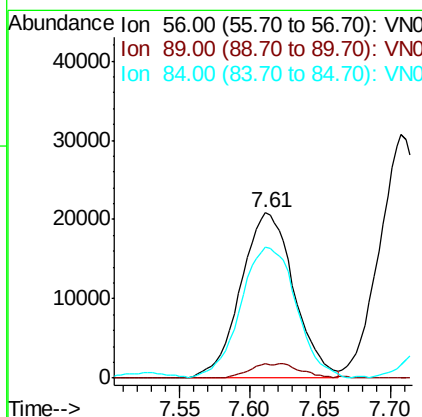
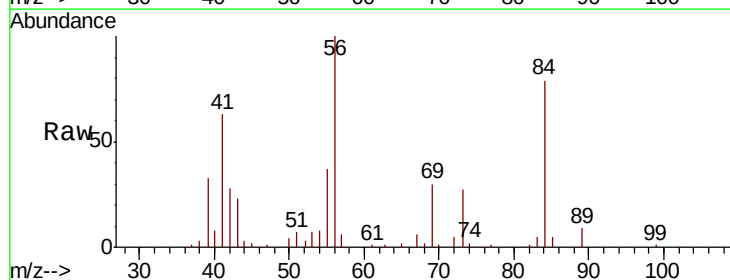
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

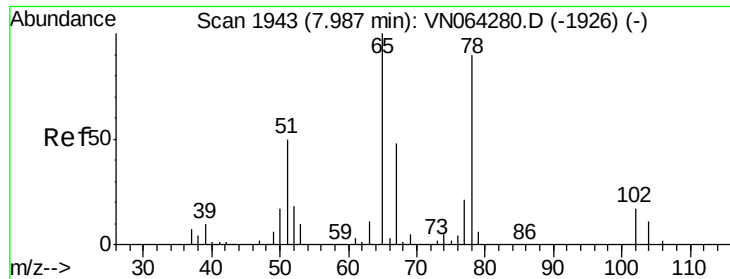
Tot Ion: 83 Resp: 77292
Ion Ratio Lower Upper
83 100
85 62.9 50.3 75.5



#26
Cyclohexane
Concen: 14.600 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

Tgt Ion: 56 Resp: 54873
Ion Ratio Lower Upper
56 100
89 4.3 3.4 5.2
84 82.7 66.2 99.2

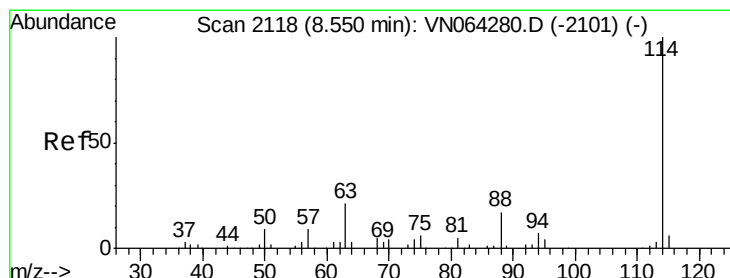
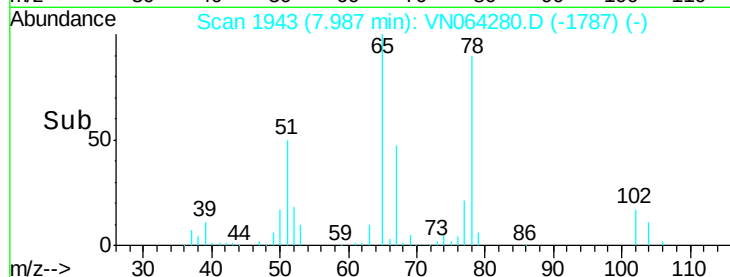
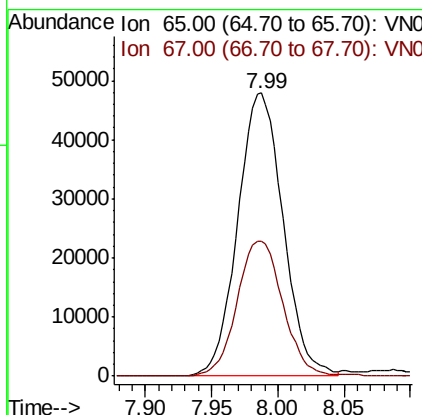
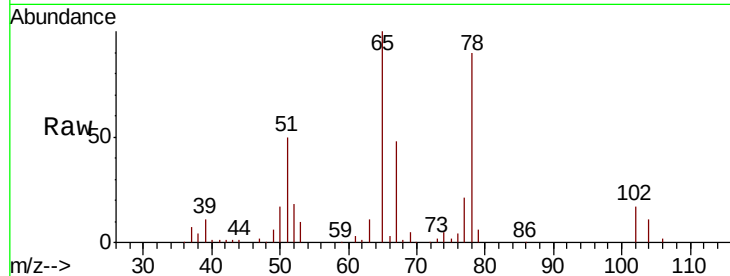




#27
 1,2-Dichloroethane-d4
 Concen: 33.281 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

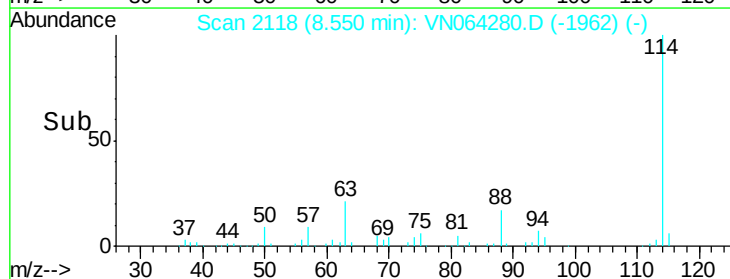
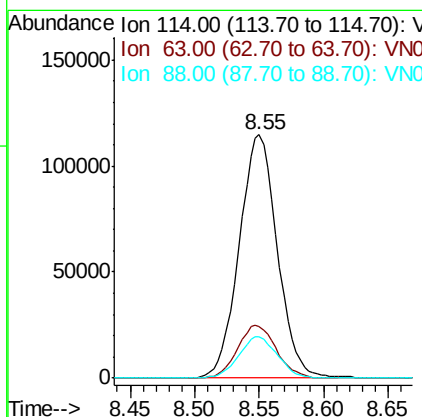
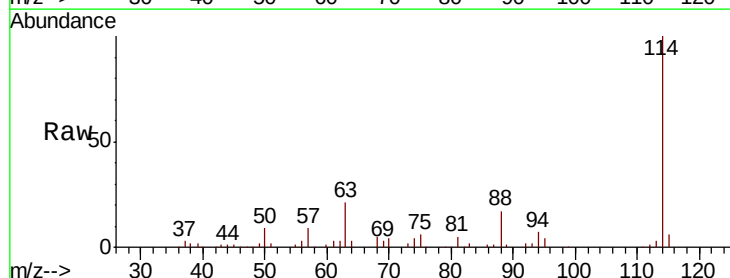
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

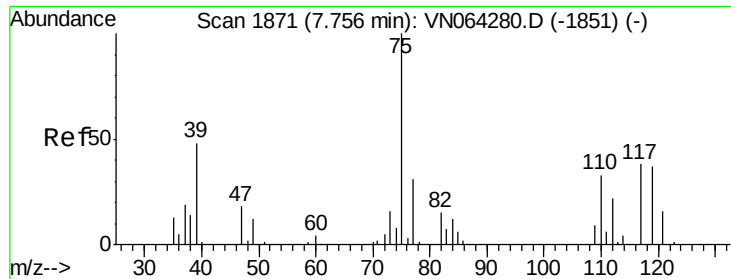
Tot Ion: 65 Resp: 113831
 Ion Ratio Lower Upper
 65 100
 67 48.0 38.4 57.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

Tgt Ion: 114 Resp: 235614
 Ion Ratio Lower Upper
 114 100
 63 22.3 17.8 26.8
 88 17.3 13.8 20.8

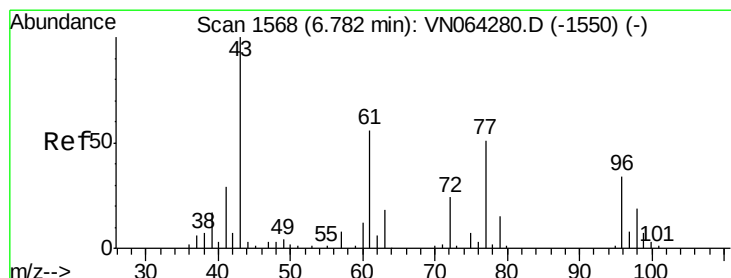
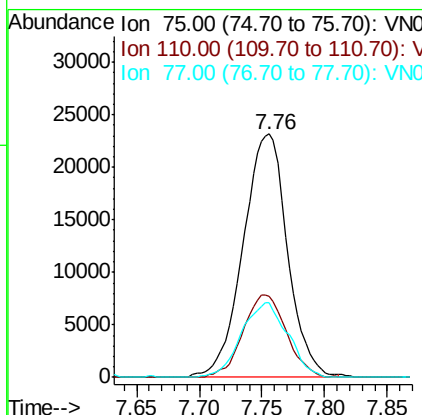
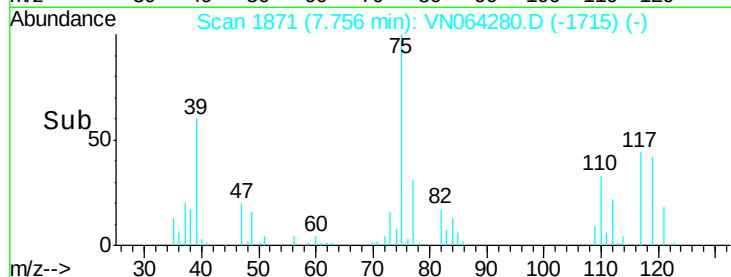
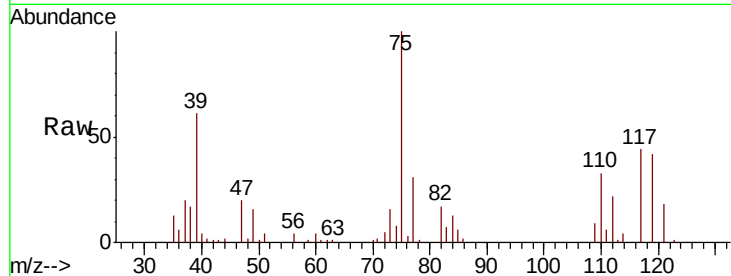




#29
 1,1-Dichloropropene
 Concen: 15.067 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

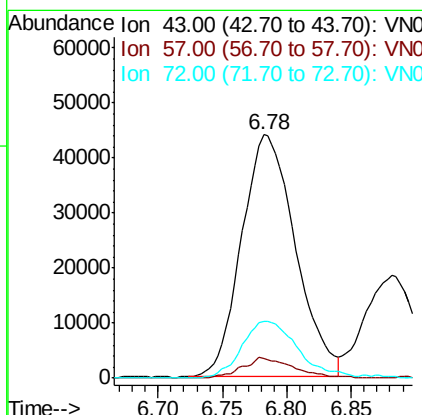
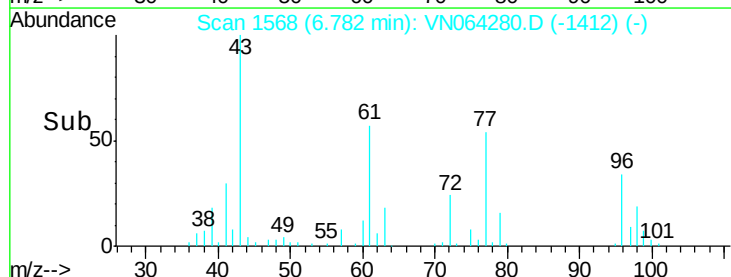
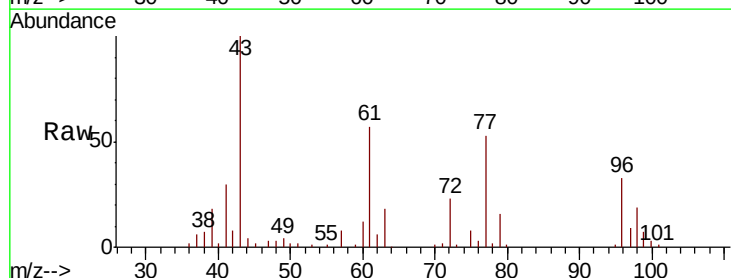
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

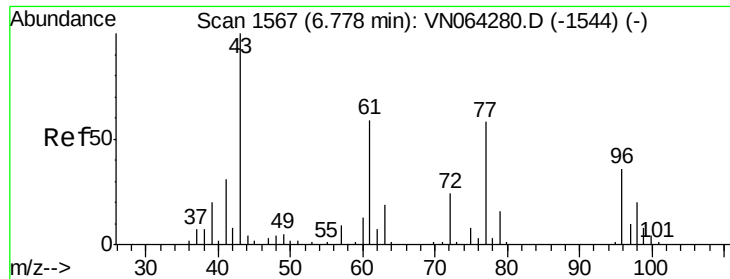
Tot Ion	Ratio	Lower	Upper
75	100		
110	33.1	0.0	66.2
77	32.2	0.0	64.4



#30
 2-Butanone
 Concen: 80.212 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.4	9.6
72	24.2	19.4	29.0





#31

2,2-Dichloropropane

Concen: 15.468 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampled :

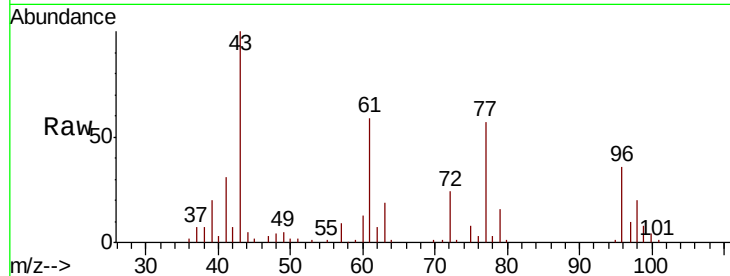
VSTDICCC020

Tot Ion: 77 Resp: 74724

Ion Ratio Lower Upper

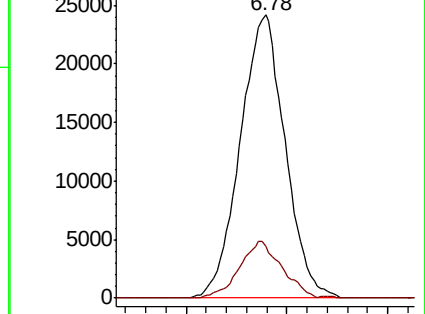
77 100

97 18.9 15.1 22.7

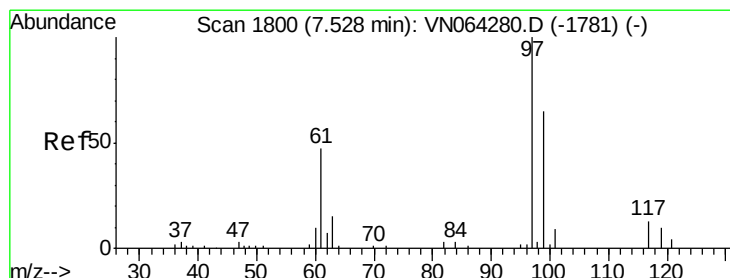
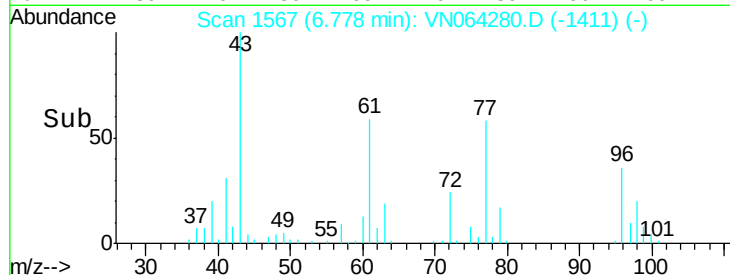


Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0



Time-->



#32

1,1,1-Trichloroethane

Concen: 15.134 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

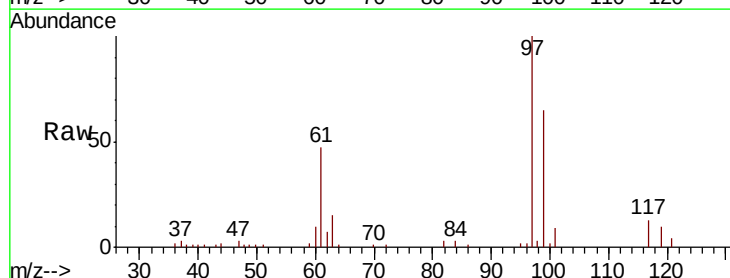
Tgt Ion: 97 Resp: 73311

Ion Ratio Lower Upper

97 100

99 68.0 54.4 81.6

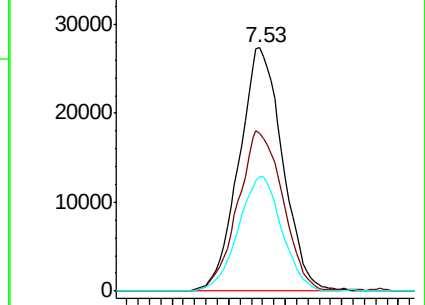
61 46.9 37.5 56.3



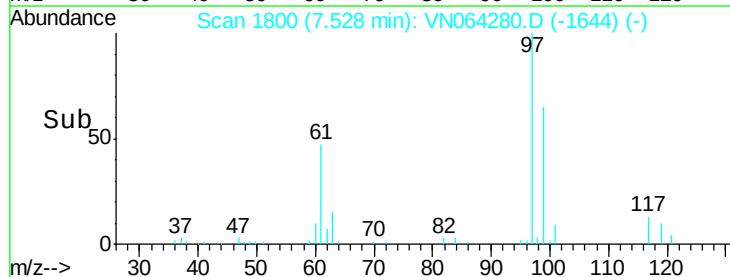
Abundance Ion 97.00 (96.70 to 97.70): VN0

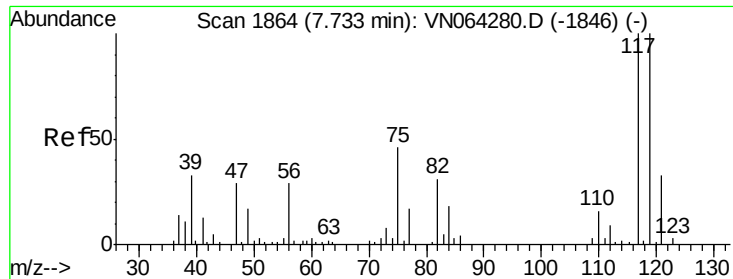
Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



Time-->





#33

Carbon Tetrachloride

Concen: 14.624 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

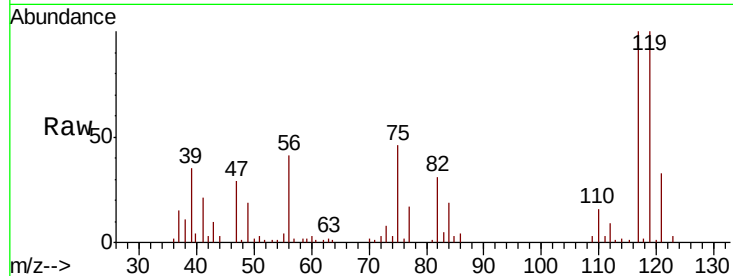
Tot Ion:117 Resp: 64171

Ion Ratio Lower Upper

117 100

119 100.1 80.1 120.1

121 32.7 26.2 39.2

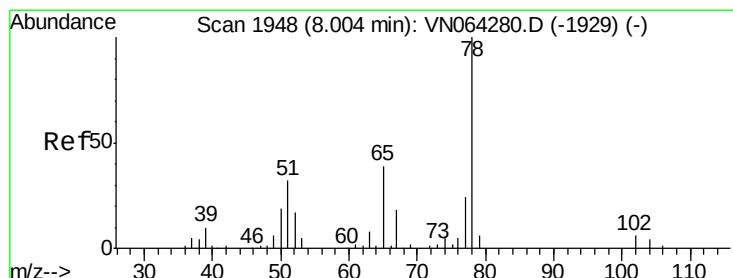
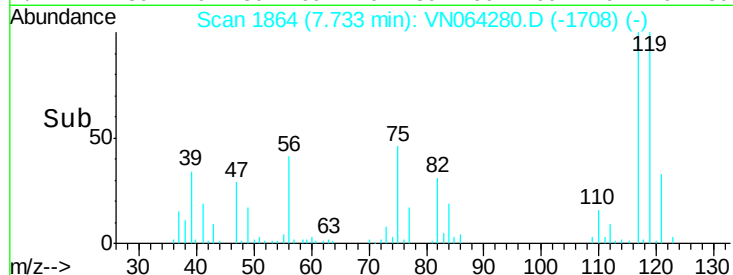
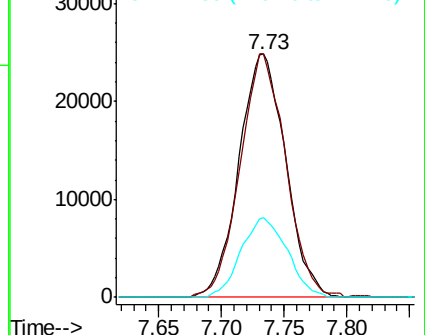


Abundance

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: 14.580 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

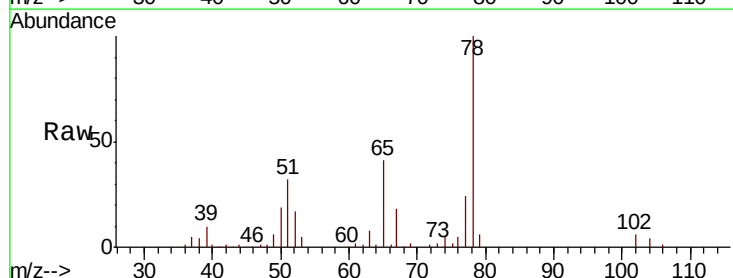
Tgt Ion: 78 Resp: 153814

Ion Ratio Lower Upper

78 100

77 24.0 19.2 28.8

51 31.5 25.2 37.8

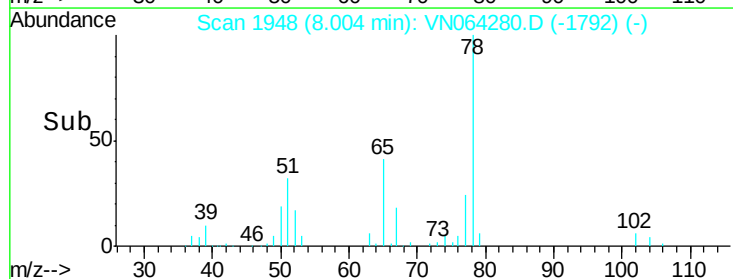
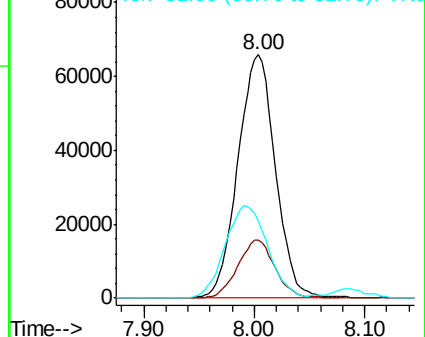


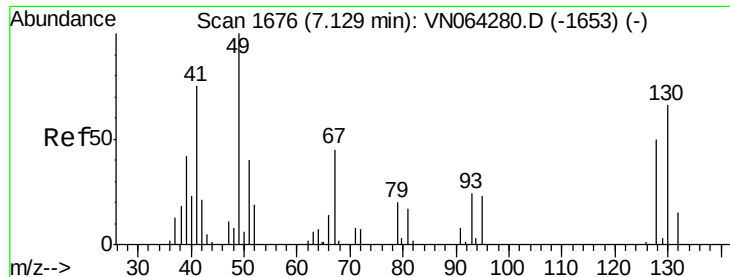
Abundance

Ion 78.10 (77.80 to 78.80): VNO

Ion 77.00 (76.70 to 77.70): VNO

Ion 51.00 (50.70 to 51.70): VNO

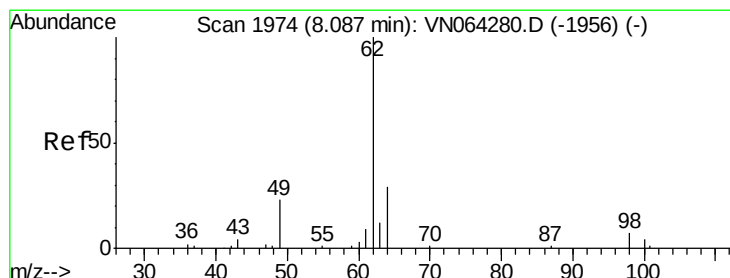
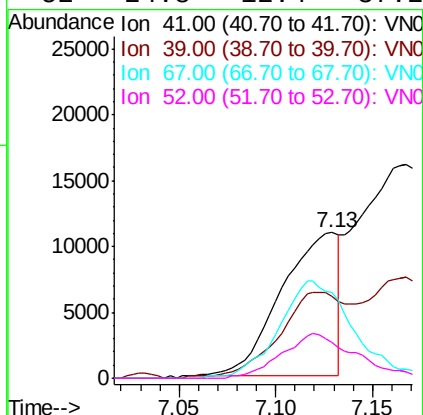
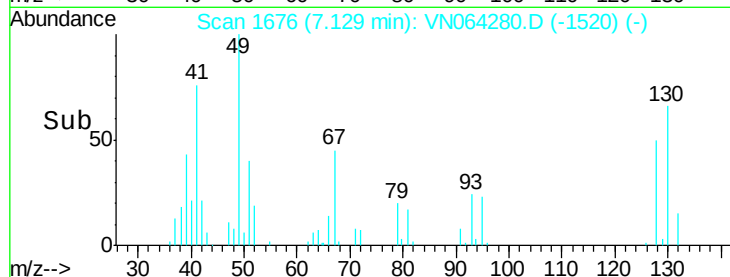
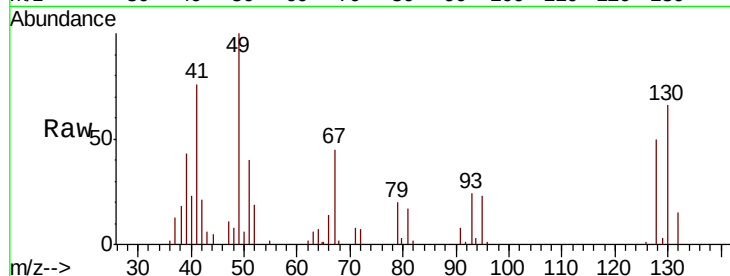




#35
Methacrylonitrile
Concen: 13.195 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

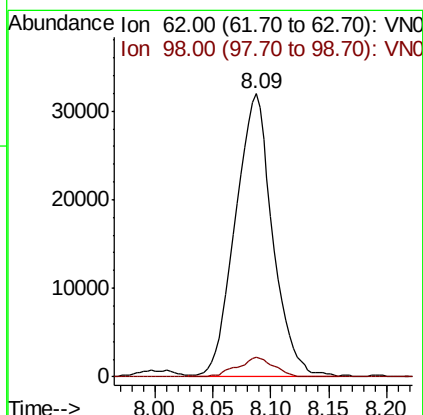
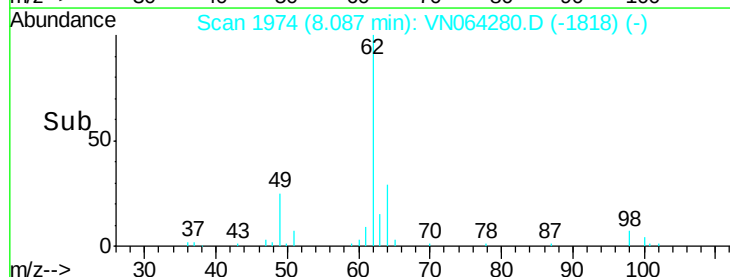
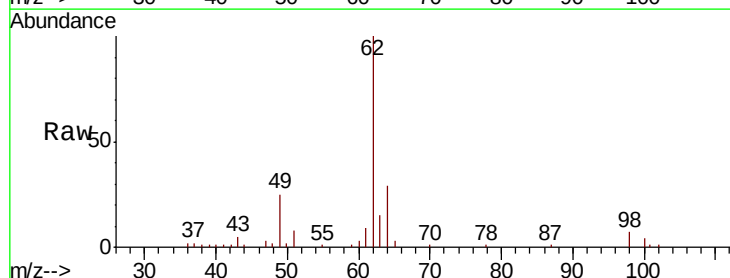
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

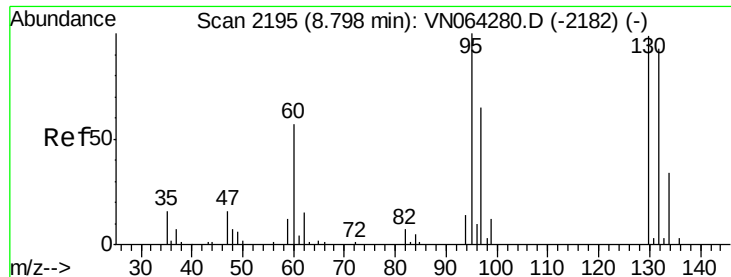
Tot Ion:	41	Resp:	22477
Ion	Ratio	Lower	Upper
41	100		
39	55.9	28.0	83.9
67	59.9	29.9	89.8
52	24.8	12.4	37.2



#36
1,2-Dichloroethane
Concen: 16.408 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

Tgt Ion:	62	Resp:	71402
Ion	Ratio	Lower	Upper
62	100		
98	6.7	5.4	8.0

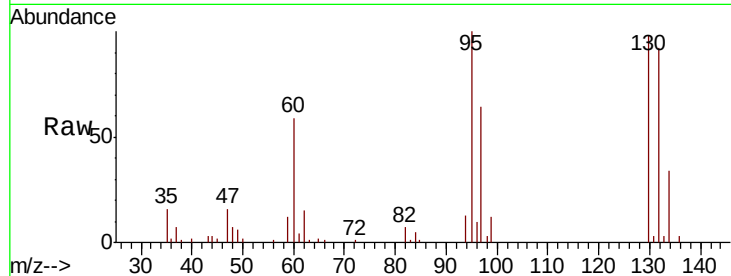




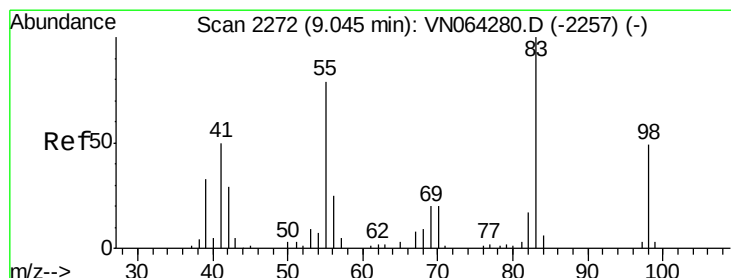
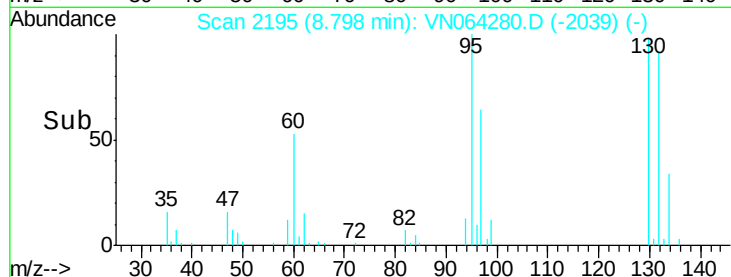
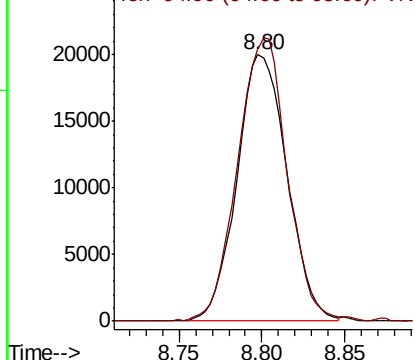
#37
 Trichloroethene
 Concen: 14.465 ug/l
 RT: 8.80 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion:130 Resp: 41957
 Ion Ratio Lower Upper
 130 100
 95 101.5 81.2 121.8

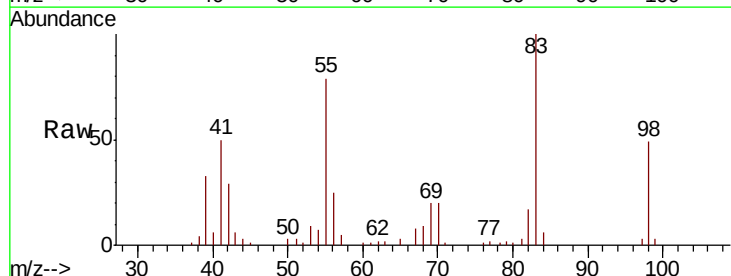


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

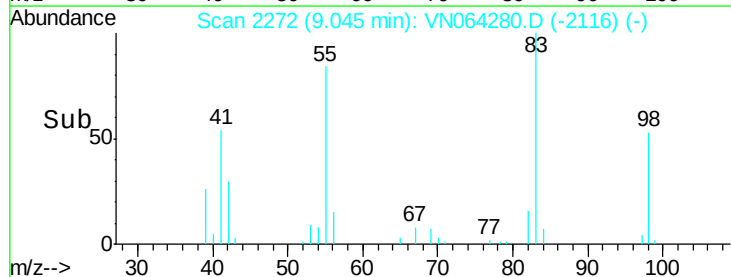
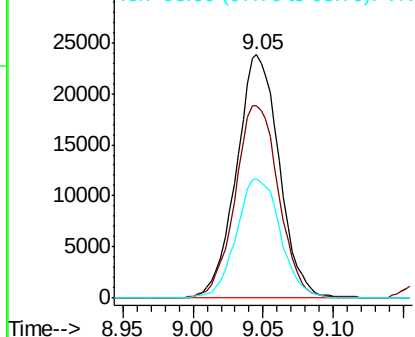


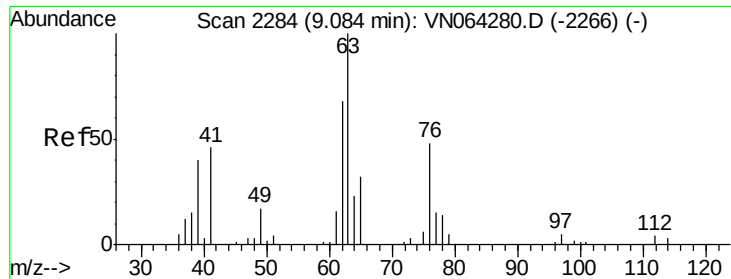
#38
 Methylcyclohexane
 Concen: 14.014 ug/l
 RT: 9.05 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

Tgt Ion: 83 Resp: 50524
 Ion Ratio Lower Upper
 83 100
 55 80.6 40.3 120.9
 98 50.5 25.3 75.8



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





#39

1,2-Dichloropropane

Concen: 15.261 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

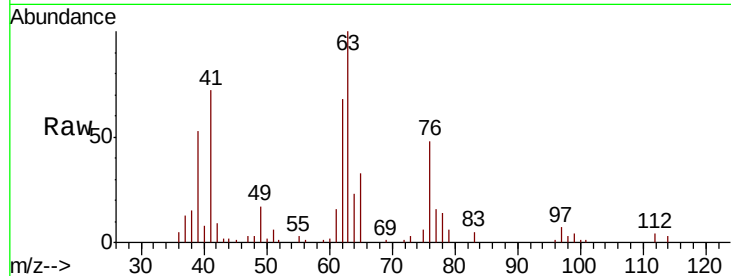
VSTDICCC020

Tot Ion: 63 Resp: 43225

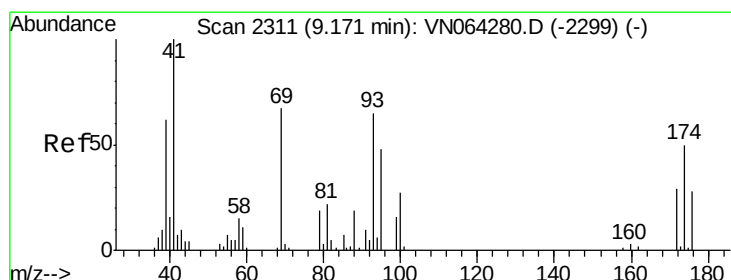
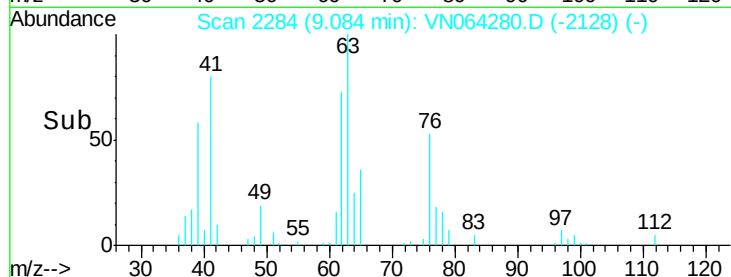
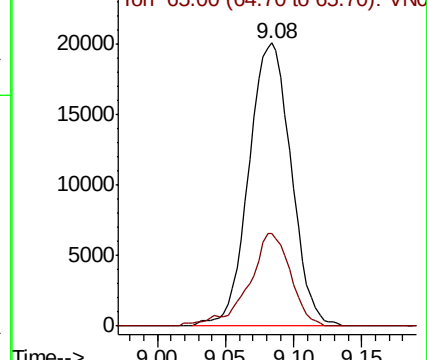
Ion Ratio Lower Upper

63 100

65 32.6 26.1 39.1



Abundance Ion 63.00 (62.70 to 63.70): VN064280.D (-2266) (-)



#40

Dibromomethane

Concen: 15.478 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

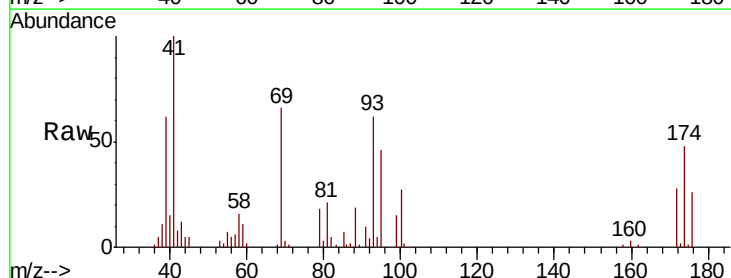
Tgt Ion: 93 Resp: 30696

Ion Ratio Lower Upper

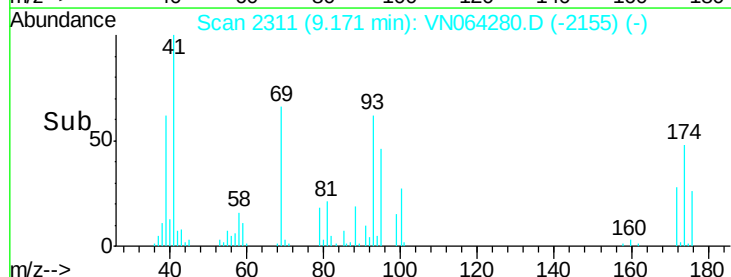
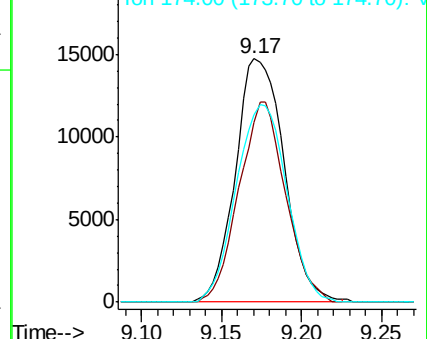
93 100

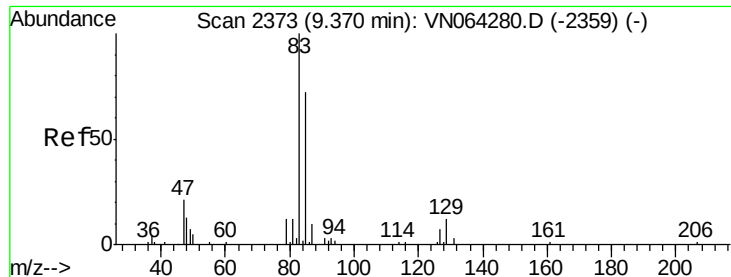
95 78.3 0.0 156.6

174 84.4 0.0 168.8



Abundance Ion 93.00 (92.70 to 93.70): VN064280.D (-2299) (-)





#41

Bromodichloromethane

Concen: 14.687 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

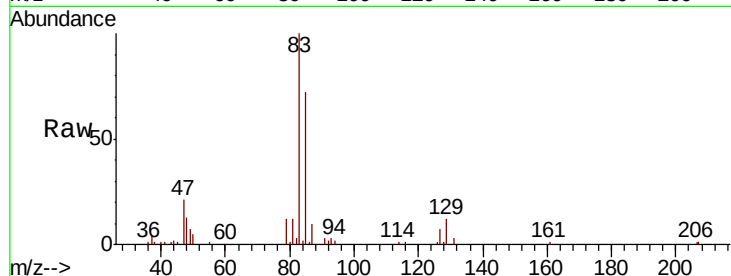
Tot Ion: 83 Resp: 62360

Ion Ratio Lower Upper

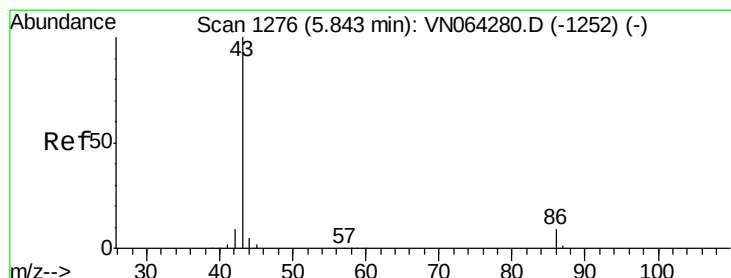
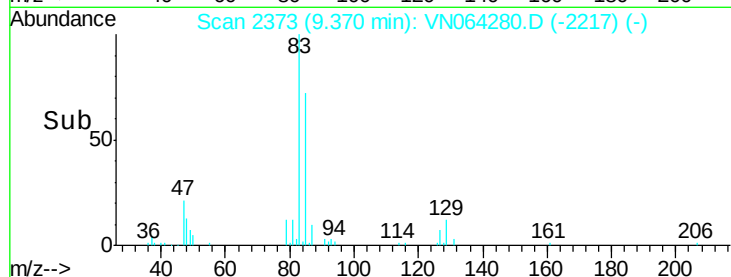
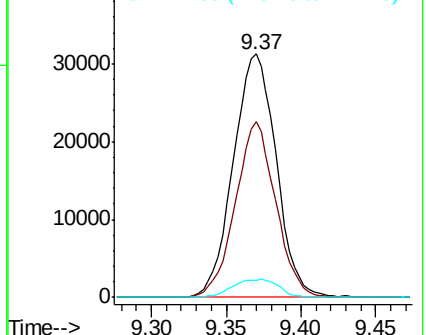
83 100

85 72.2 57.8 86.6

127 8.7 7.0 10.4



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: 74.540 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN064280.D

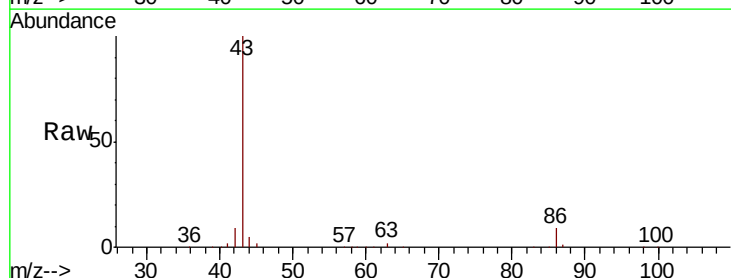
Acq: 23 Oct 2020 10:22

Tgt Ion: 43 Resp: 555084

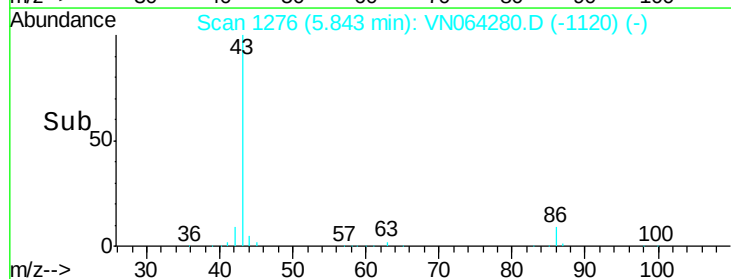
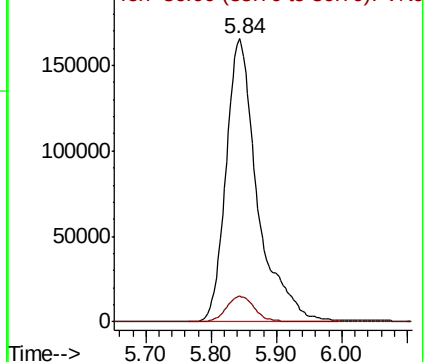
Ion Ratio Lower Upper

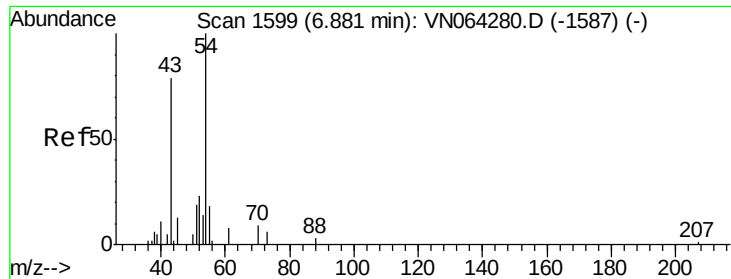
43 100

86 8.2 6.6 9.8



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





#43

Ethyl Acetate

Concen: 14.024 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

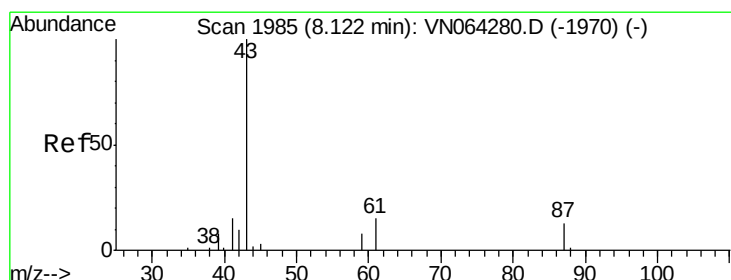
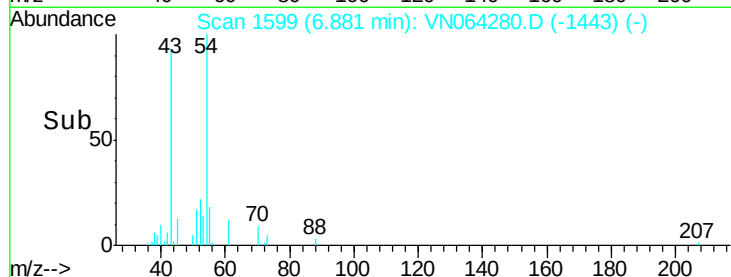
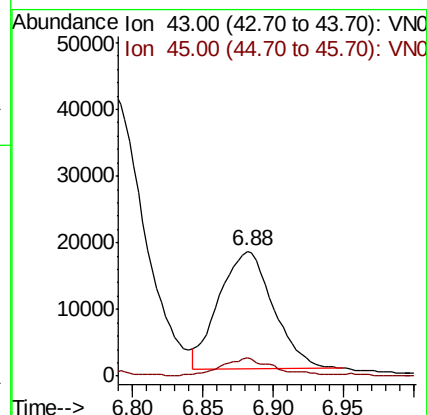
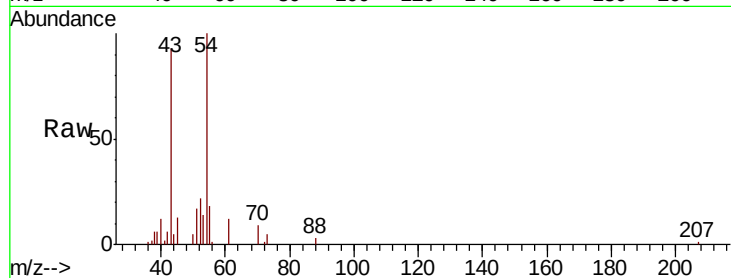
VSTDICCC020

Tot Ion: 43 Resp: 47716

Ion Ratio Lower Upper

43 100

45 10.3 8.2 12.4



#44

Isopropyl Acetate

Concen: 14.228 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN064280.D

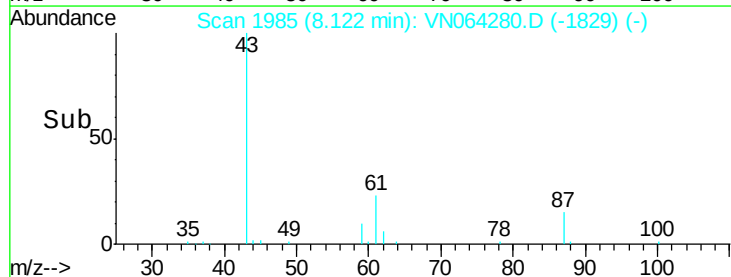
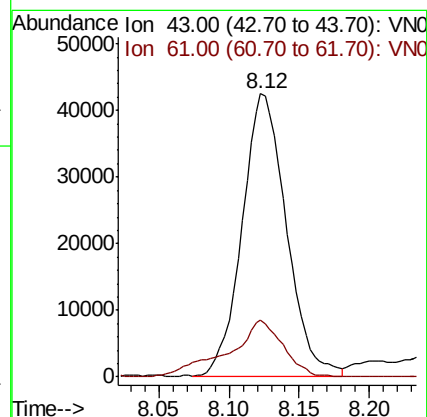
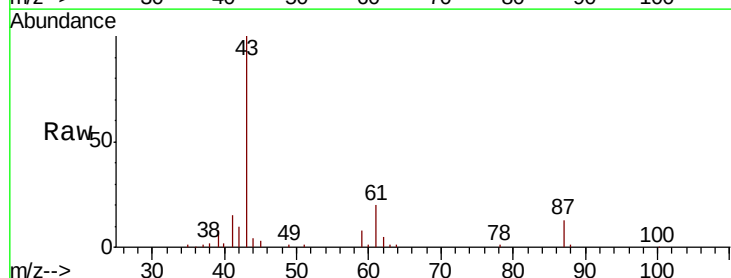
Acq: 23 Oct 2020 10:22

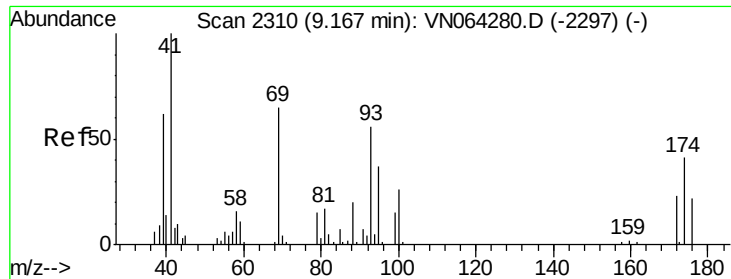
Tgt Ion: 43 Resp: 92810

Ion Ratio Lower Upper

43 100

61 24.9 19.9 29.9

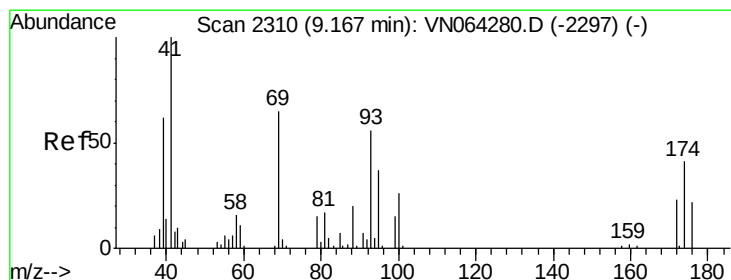
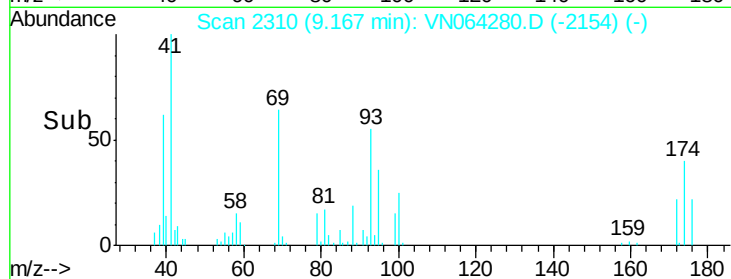
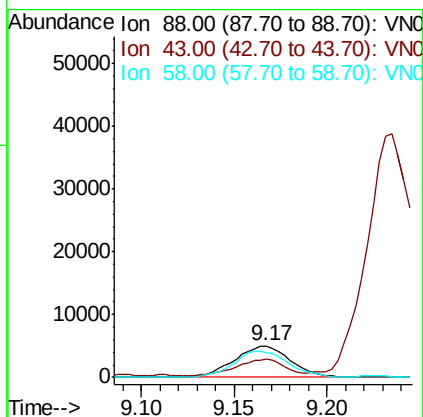
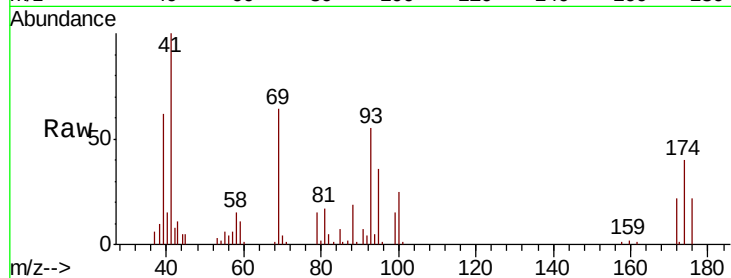




#45
 1,4-Dioxane
 Concen: 270.474 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

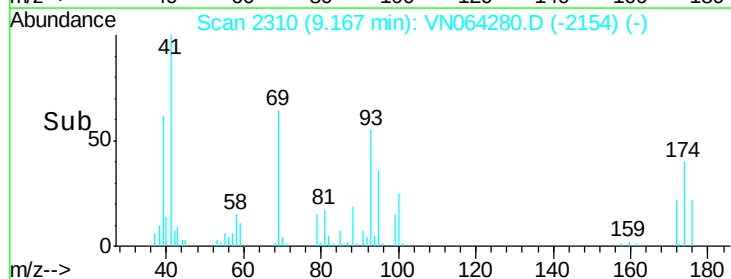
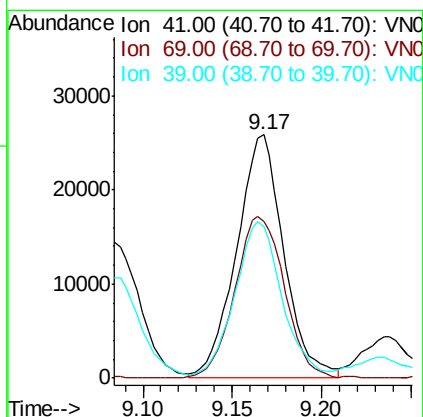
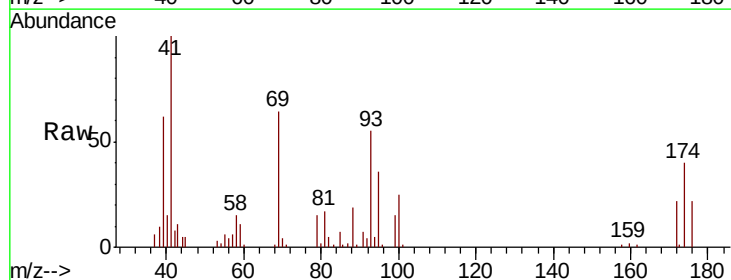
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

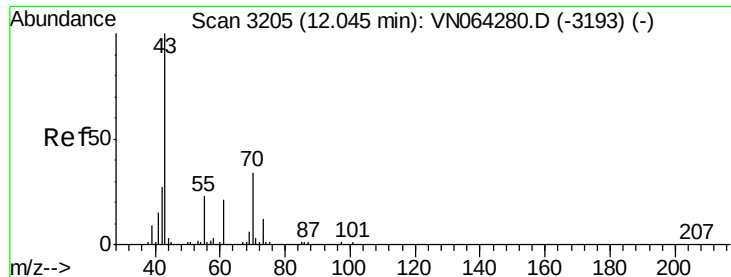
Tot Ion: 88 Resp: 10421
 Ion Ratio Lower Upper
 88 100
 43 43.4 34.7 52.1
 58 82.2 65.8 98.6



#46
 Methyl methacrylate
 Concen: 15.329 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

Tgt Ion: 41 Resp: 47993
 Ion Ratio Lower Upper
 41 100
 69 65.1 32.6 97.7
 39 62.2 31.1 93.3





#47

n-amvl Acetate

Concen: 13.224 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

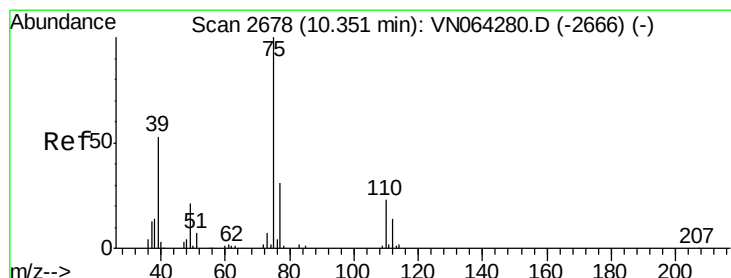
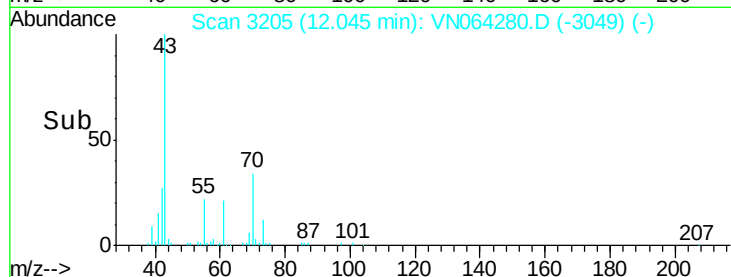
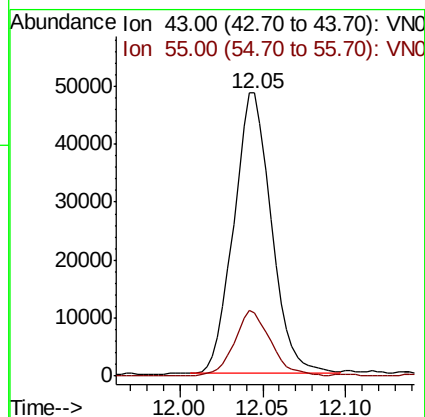
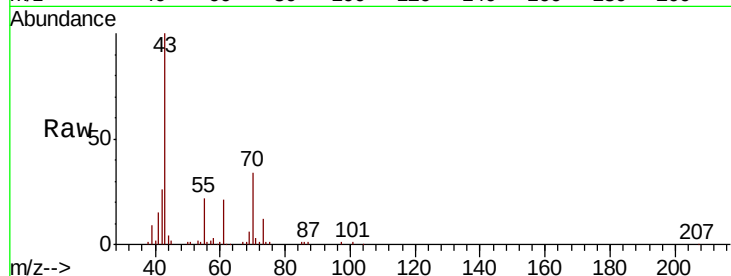
VSTDICCC020

Tot Ion: 43 Resp: 76541

Ion Ratio Lower Upper

43 100

55 22.7 18.2 27.2



#48

t-1,3-Dichloropropene

Concen: 14.775 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064280.D

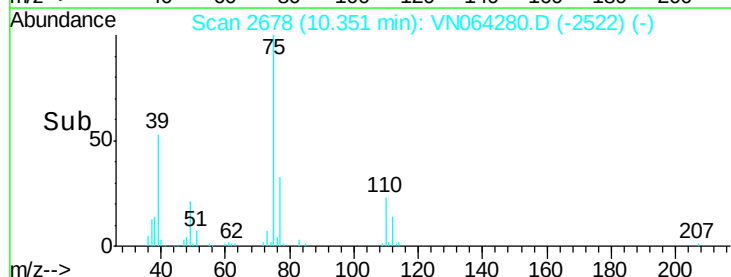
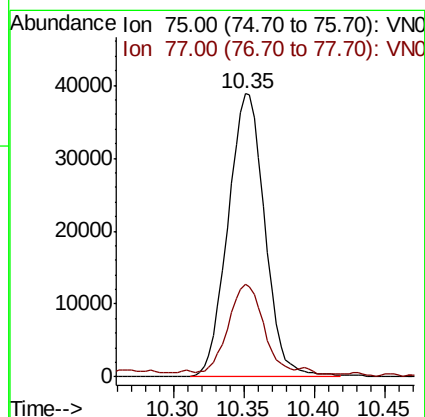
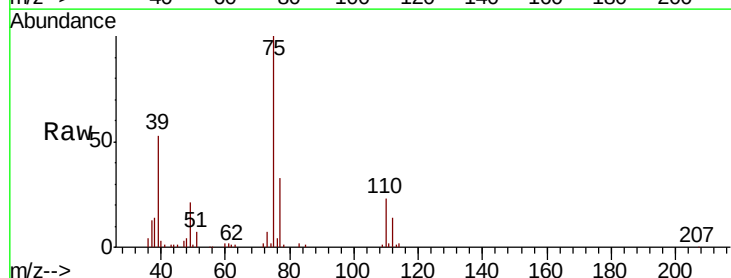
Acq: 23 Oct 2020 10:22

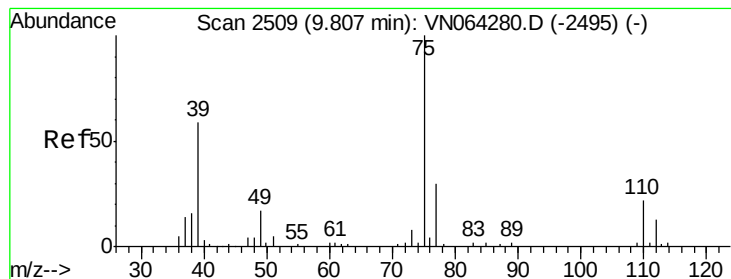
Tgt Ion: 75 Resp: 70925

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



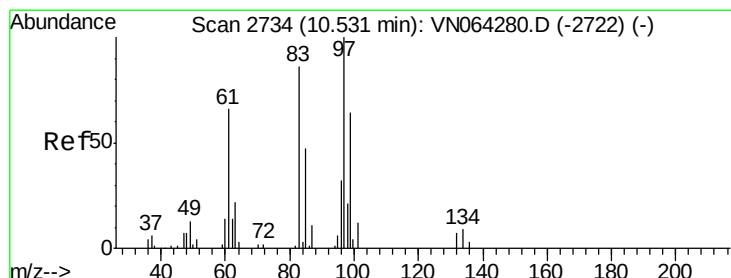
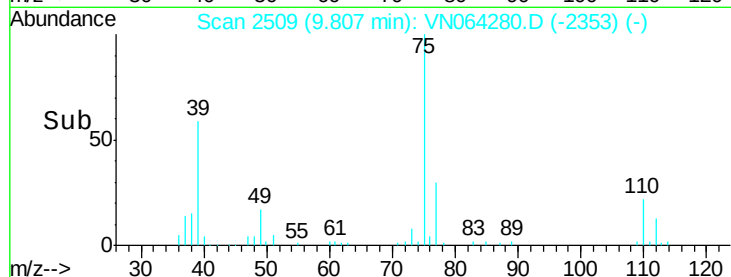
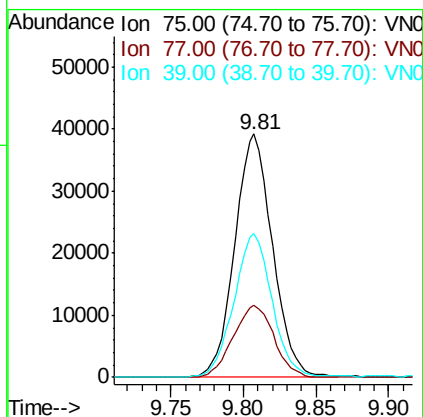
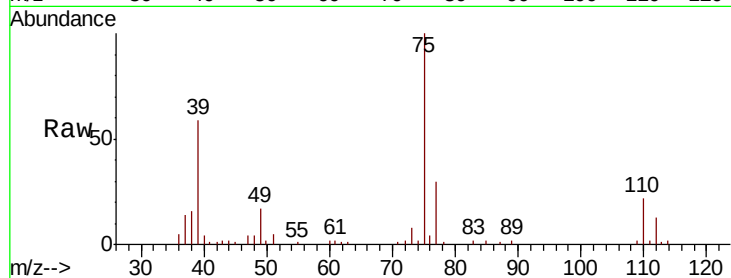


#49

cis-1,3-Dichloropropene
Concen: 14.337 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

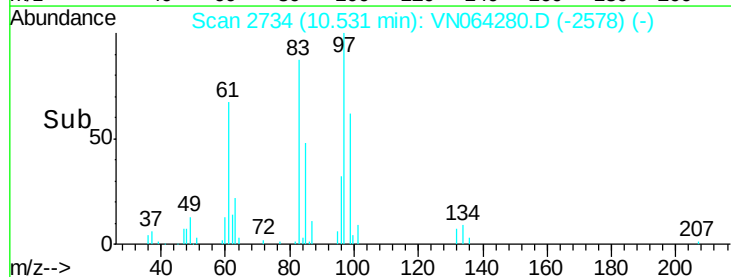
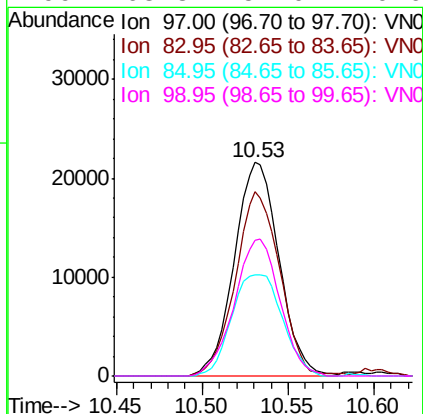
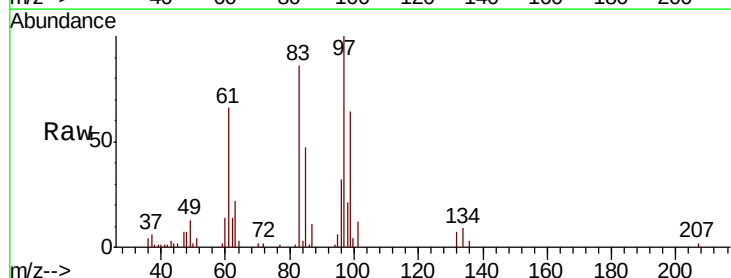
Tot Ion: 75 Resp: 70859
Ion Ratio Lower Upper
75 100
77 29.6 23.7 35.5
39 58.6 46.9 70.3

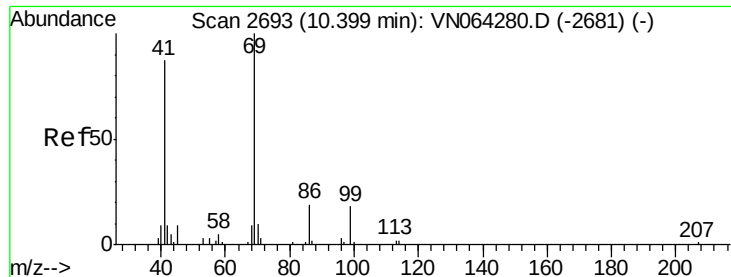


#50

1,1,2-Trichloroethane
Concen: 14.838 ug/l
RT: 10.53 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

Tgt Ion: 97 Resp: 38977
Ion Ratio Lower Upper
97 100
83 86.1 68.9 103.3
85 47.3 37.8 56.8
99 63.8 51.0 76.6





#51

Ethyl methacrylate

Concen: 13.299 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

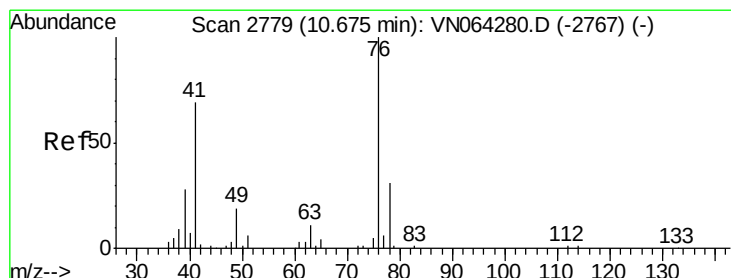
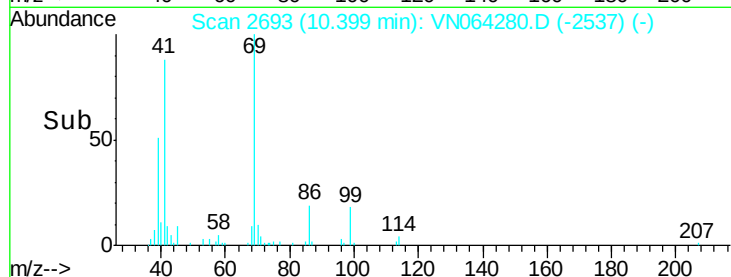
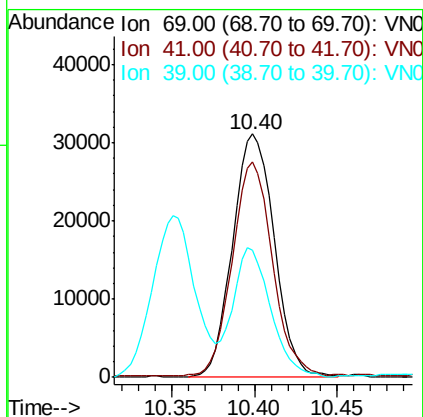
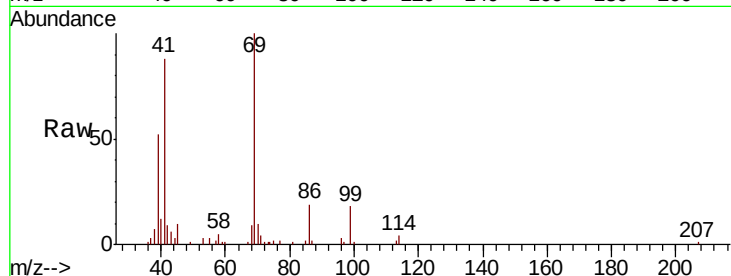
Tot Ion: 69 Resp: 54539

Ion Ratio Lower Upper

69 100

41 87.3 43.6 130.9

39 51.5 25.8 77.3



#52

1,3-Dichloropropane

Concen: 14.766 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN064280.D

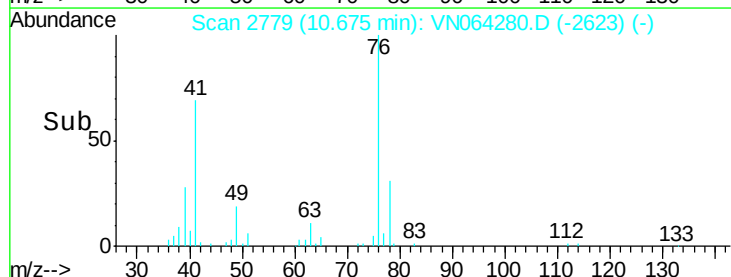
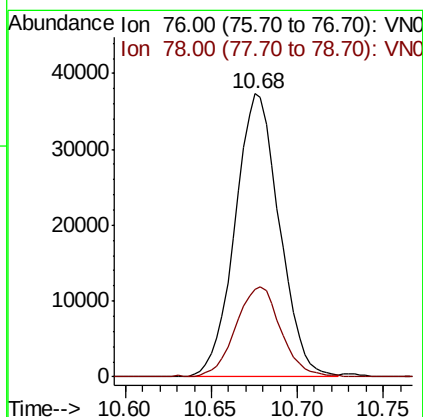
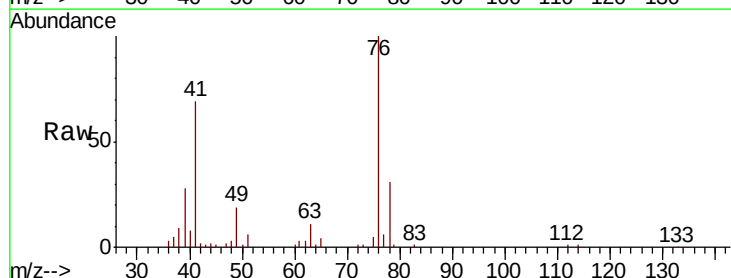
Acq: 23 Oct 2020 10:22

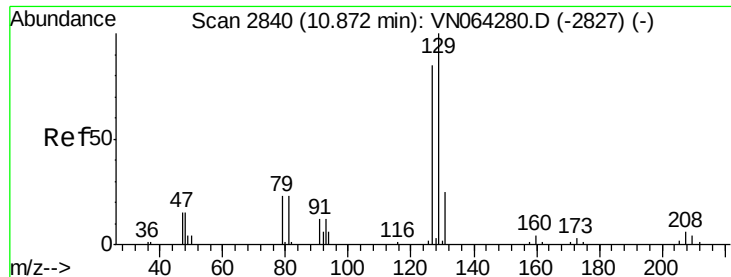
Tgt Ion: 76 Resp: 67059

Ion Ratio Lower Upper

76 100

78 32.3 0.0 64.6

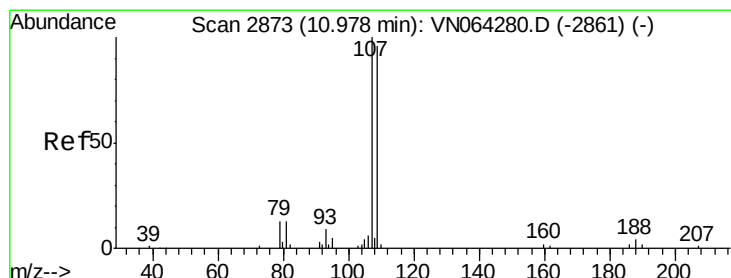
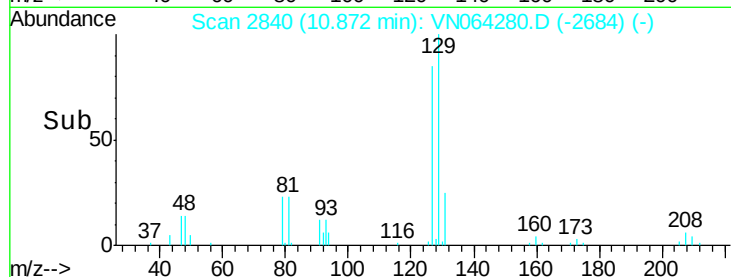
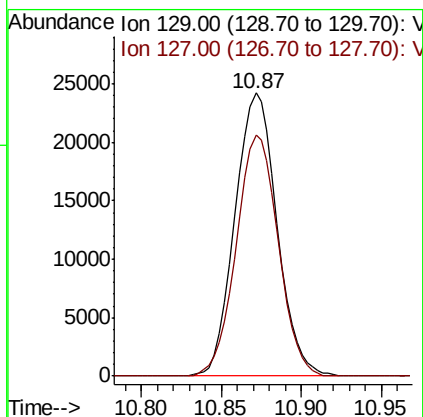
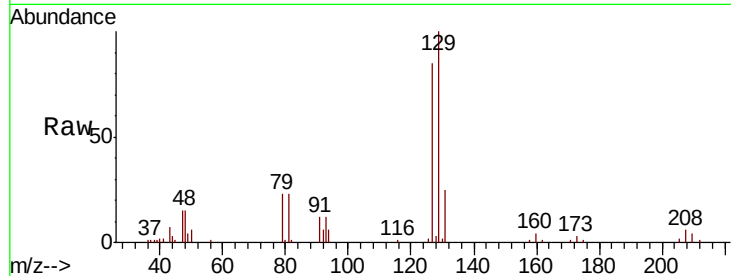




#53
Dibromochloromethane
Concen: 13.314 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

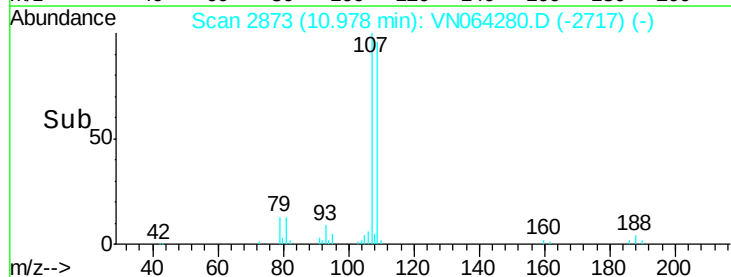
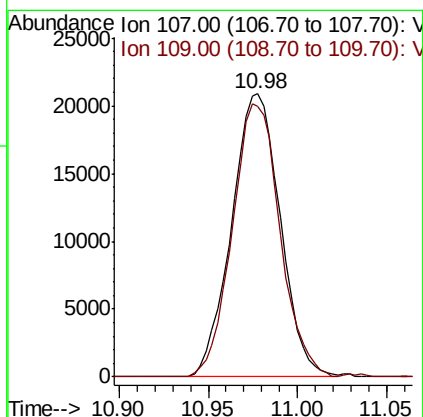
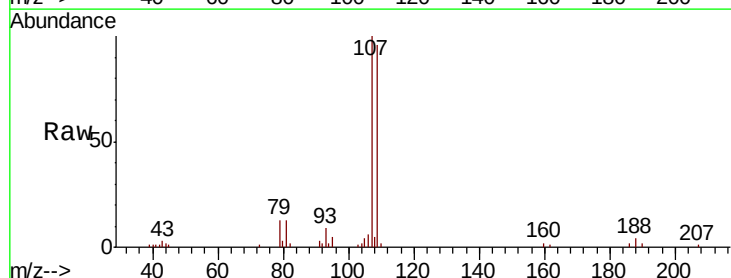
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

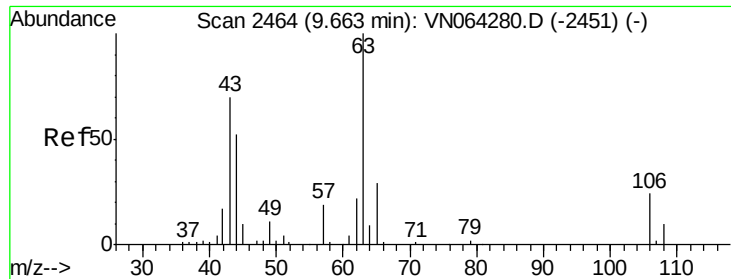
Tot Ion:129 Resp: 43411
Ion Ratio Lower Upper
129 100
127 84.8 42.4 127.2



#54
1,2-Dibromoethane
Concen: 14.301 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

Tgt Ion:107 Resp: 39758
Ion Ratio Lower Upper
107 100
109 94.6 75.7 113.5

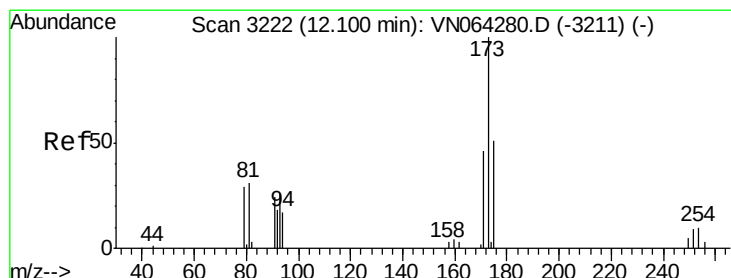
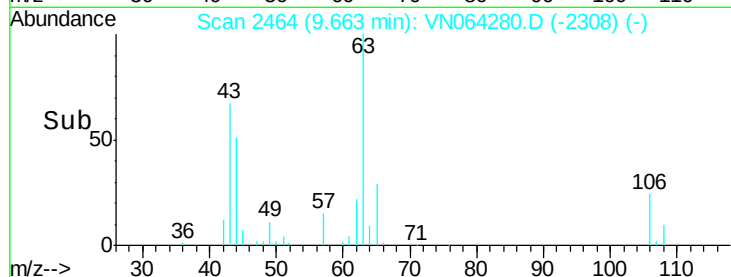
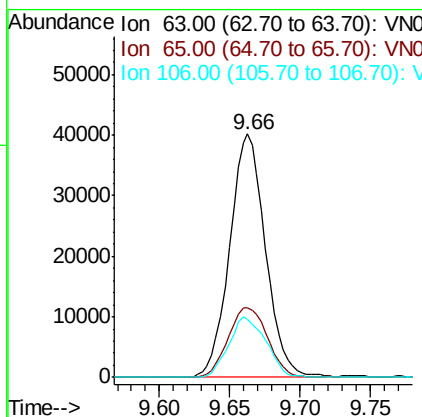
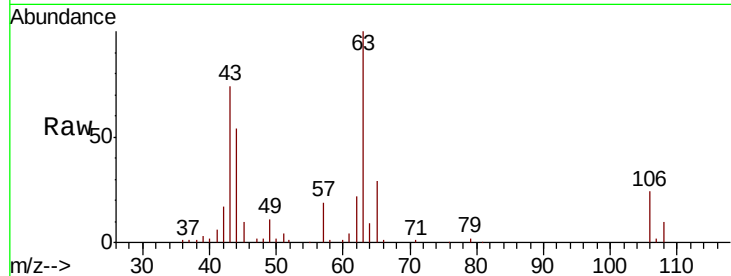




#55
2-Chloroethyl vinyl ether
Concen: 38.150 ug/l
RT: 9.66 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

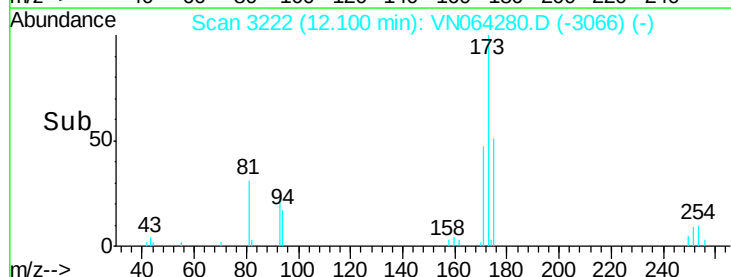
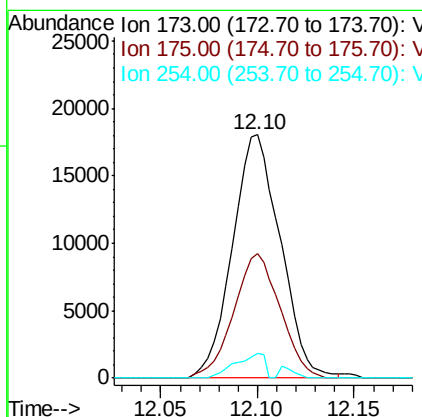
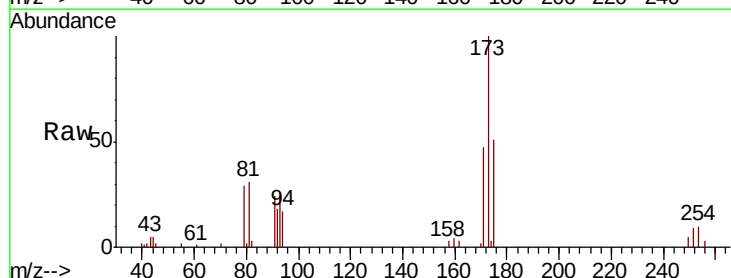
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

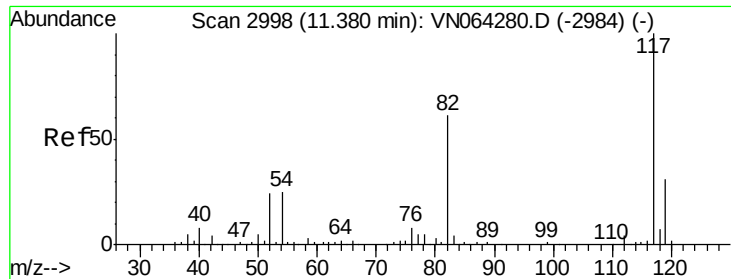
Tot Ion: 63 Resp: 71379
Ion Ratio Lower Upper
63 100
65 31.5 25.2 37.8
106 25.8 20.6 31.0



#56
Bromoform
Concen: 13.600 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

Tgt Ion: 173 Resp: 31062
Ion Ratio Lower Upper
173 100
175 49.4 39.5 59.3
254 6.2 5.0 7.4

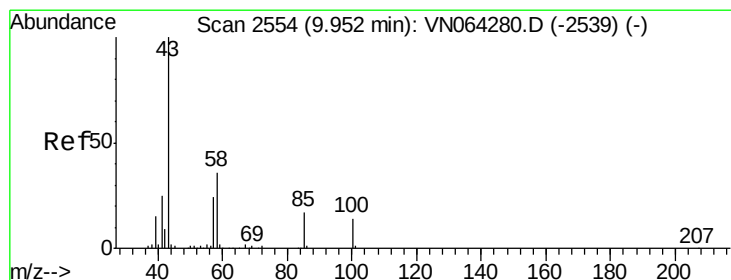
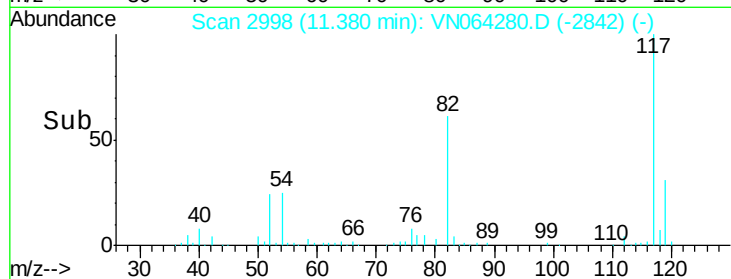
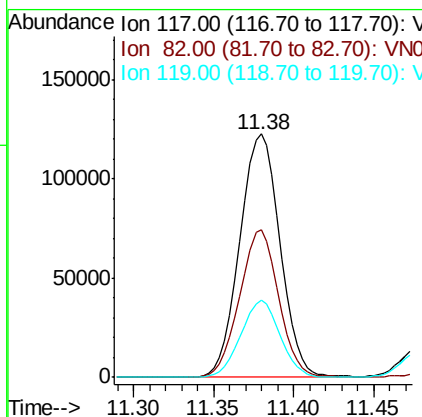
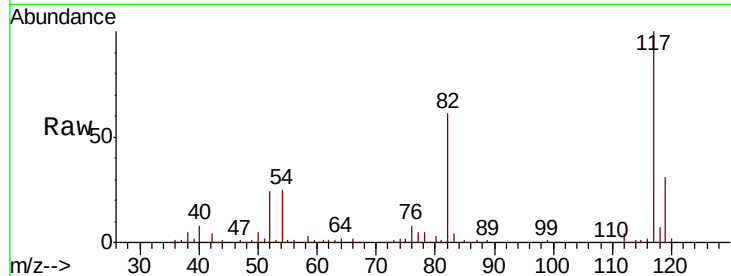




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

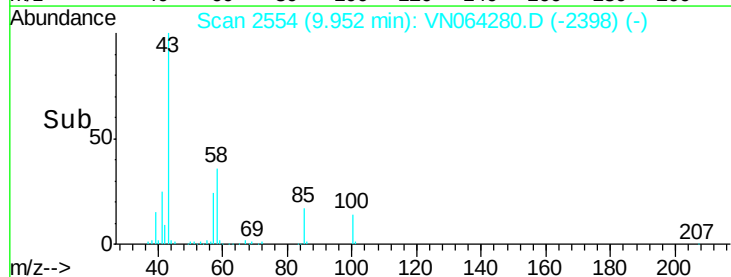
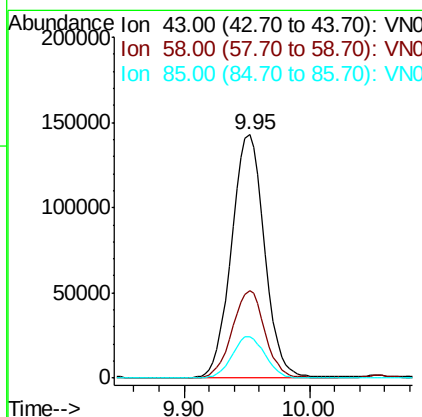
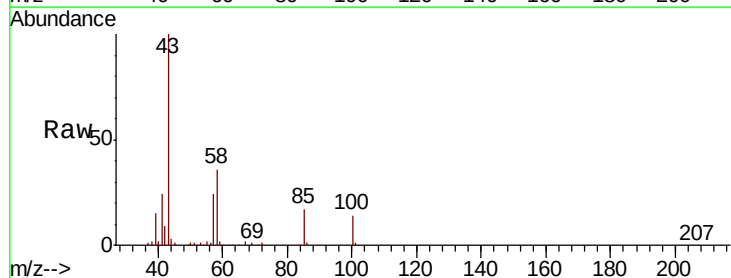
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

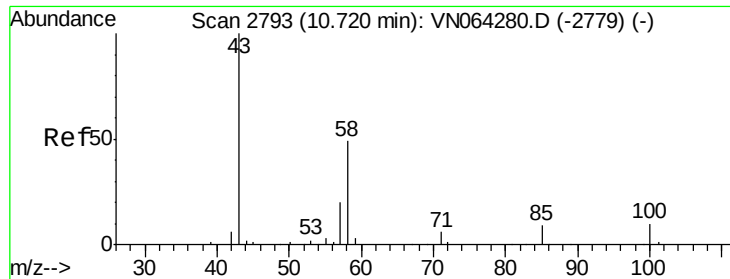
Tot Ion:117 Resp: 210467
Ion Ratio Lower Upper
117 100
82 58.8 47.0 70.6
119 30.8 24.6 37.0



#58
4-Methyl-2-Pentanone
Concen: 74.961 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

Tgt Ion: 43 Resp: 260259
Ion Ratio Lower Upper
43 100
58 35.8 28.6 43.0
85 17.1 13.7 20.5

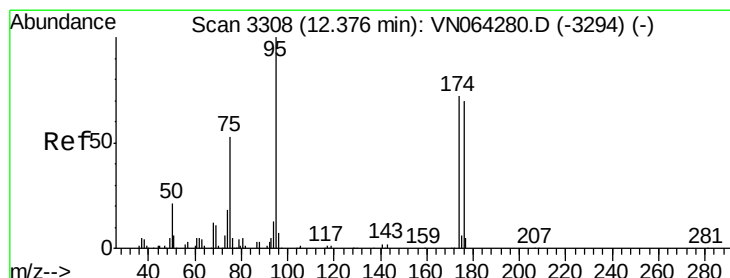
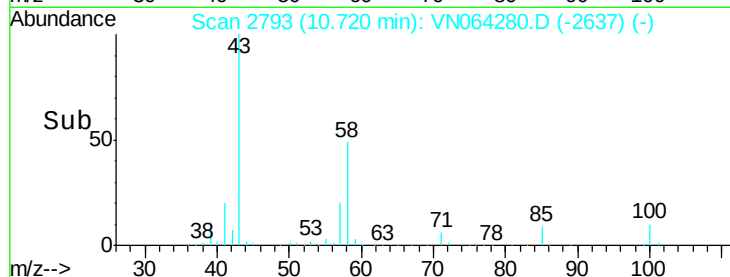
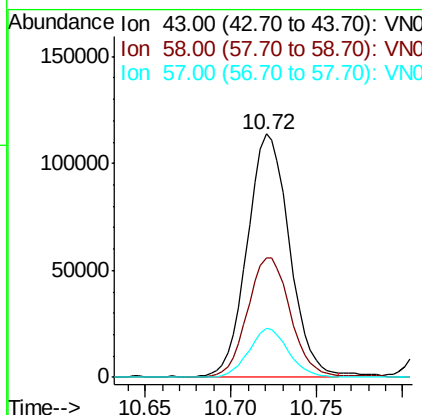
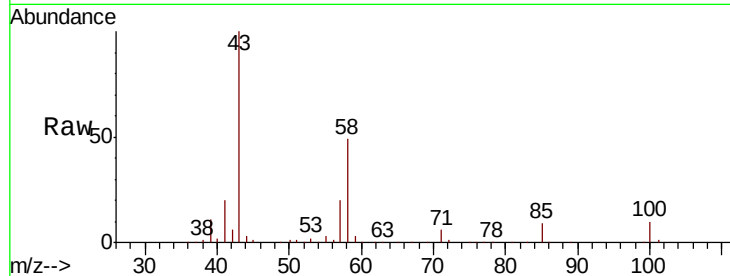




#59
2-Hexanone
Concen: 74.550 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

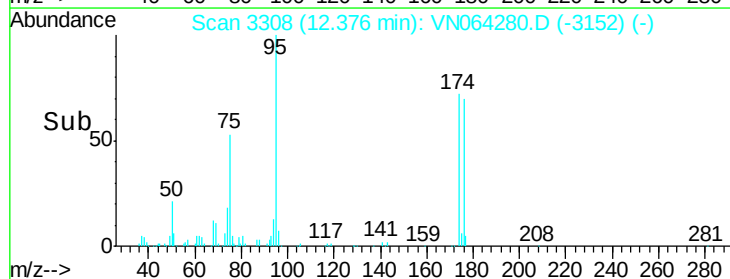
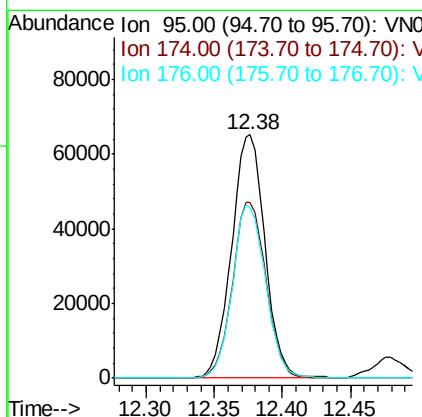
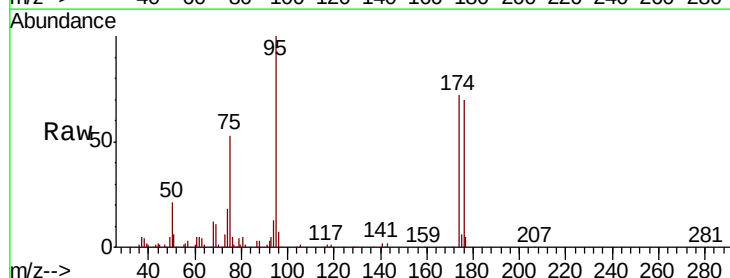
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

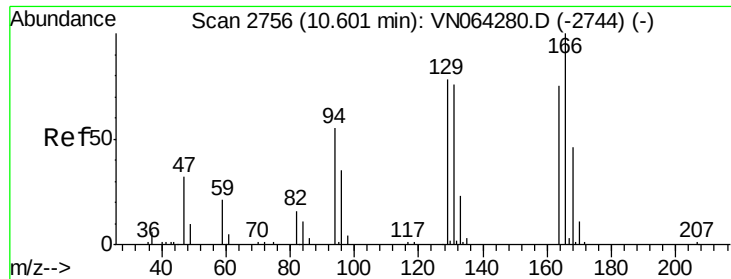
Tot Ion: 43 Resp: 192267
Ion Ratio Lower Upper
43 100
58 50.6 40.5 60.7
57 19.2 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.535 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

Tgt Ion: 95 Resp: 110673
Ion Ratio Lower Upper
95 100
174 72.4 57.9 86.9
176 70.9 56.7 85.1

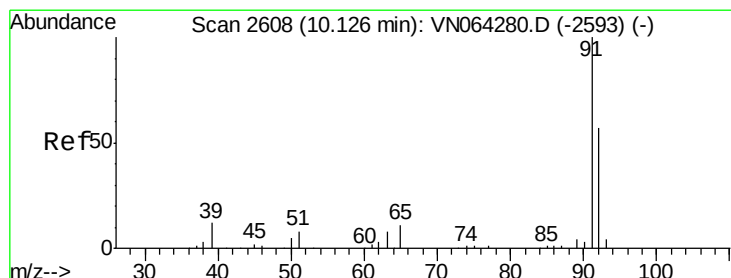
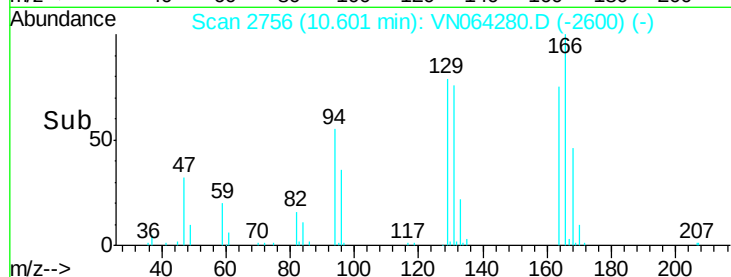
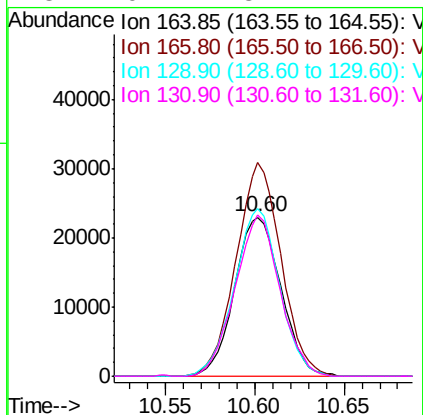
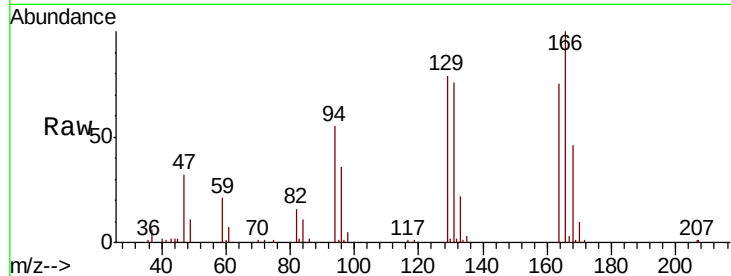




#61
Tetrachloroethene
Concen: 15.143 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

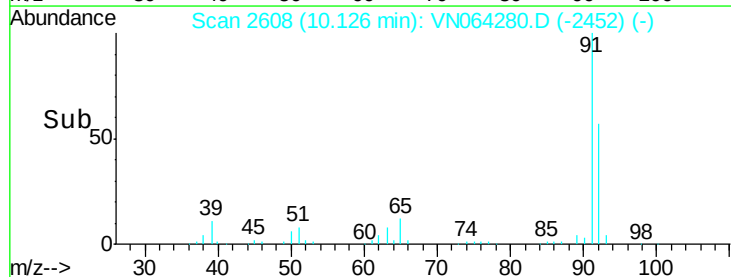
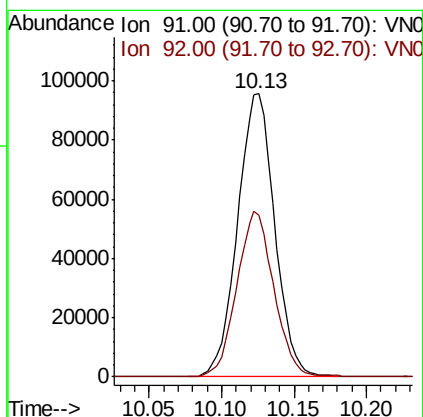
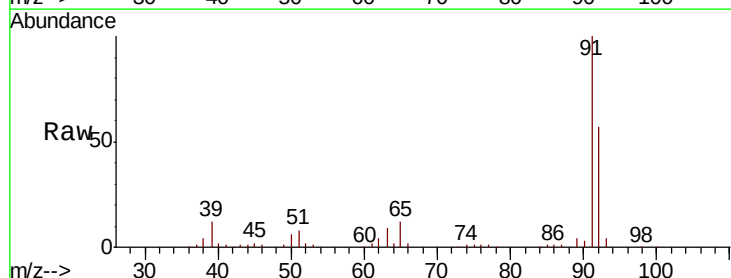
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

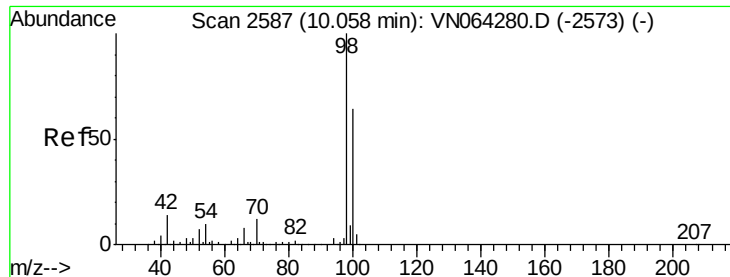
Tot Ion:164 Resp: 41777
Ion Ratio Lower Upper
164 100
166 134.2 107.4 161.0
129 105.4 84.3 126.5
131 101.4 81.1 121.7



#62
Toluene
Concen: 14.631 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

Tgt Ion: 91 Resp: 170147
Ion Ratio Lower Upper
91 100
92 58.0 46.4 69.6





#63

Toluene-d8

Concen: 29.953 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

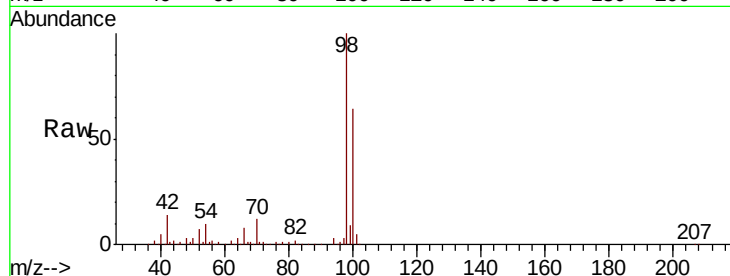
VSTDICCC020

Tot Ion: 98 Resp: 284676

Ion Ratio Lower Upper

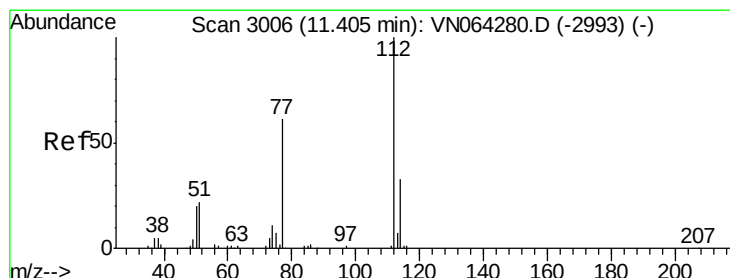
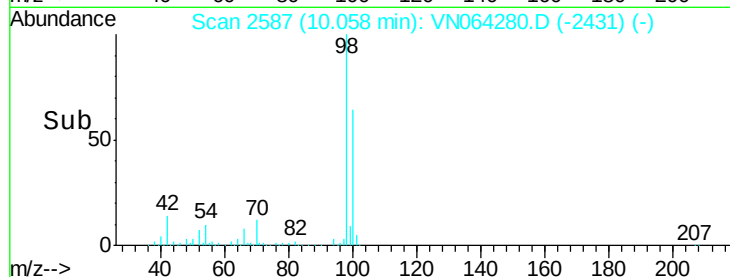
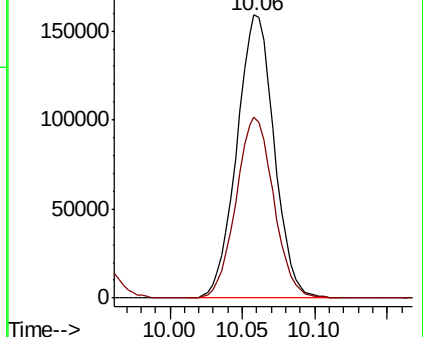
98 100

100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064280.D (-2573) (-)

Ion 100.00 (99.70 to 100.70): VN064280.D (-2573) (-)



#64

Chlorobenzene

Concen: 14.491 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064280.D

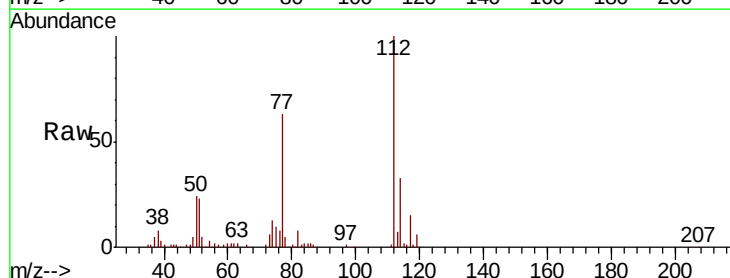
Acq: 23 Oct 2020 10:22

Tgt Ion: 112 Resp: 104736

Ion Ratio Lower Upper

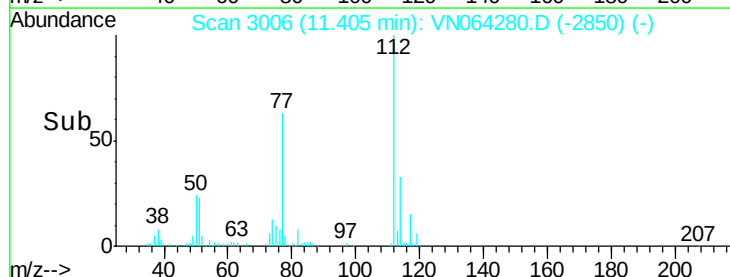
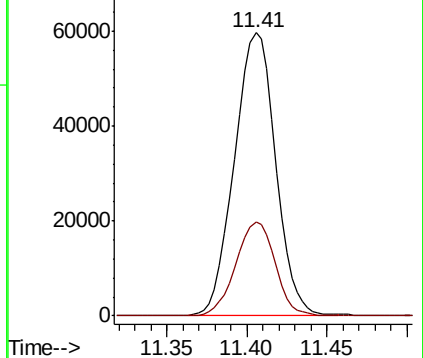
112 100

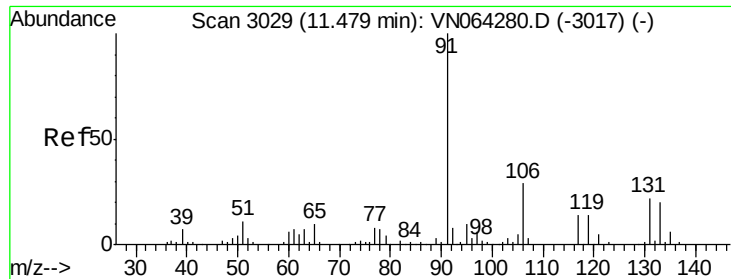
114 33.1 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): VN064280.D (-2993) (-)

Ion 114.00 (113.70 to 114.70): VN064280.D (-2993) (-)

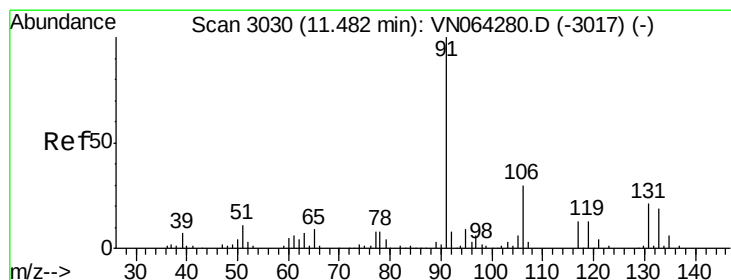
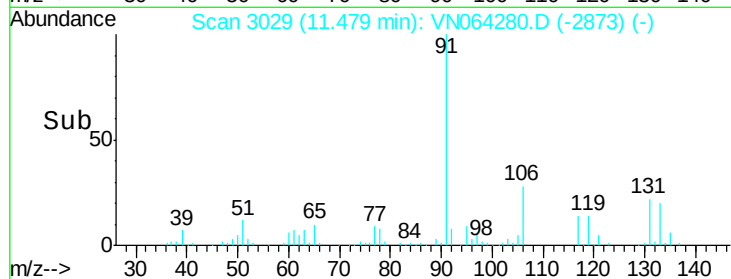
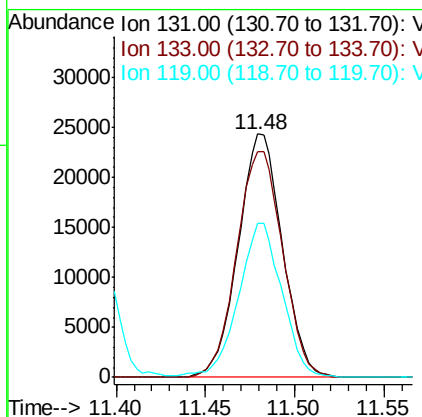
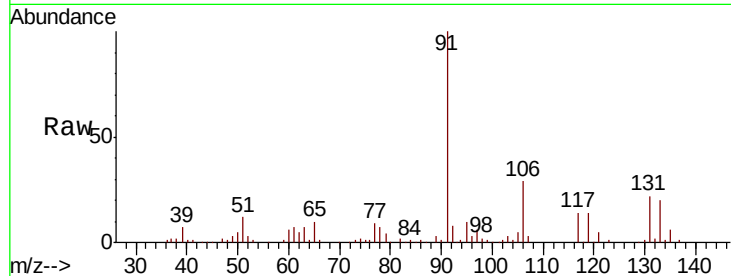




#65
 1,1,1,2-Tetrachloroethane
 Concen: 14.775 ug/l
 RT: 11.48 min Scan# 3029
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

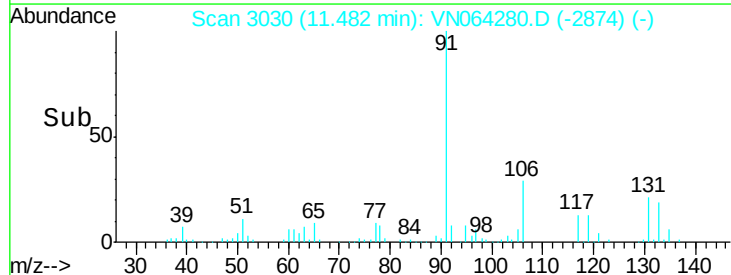
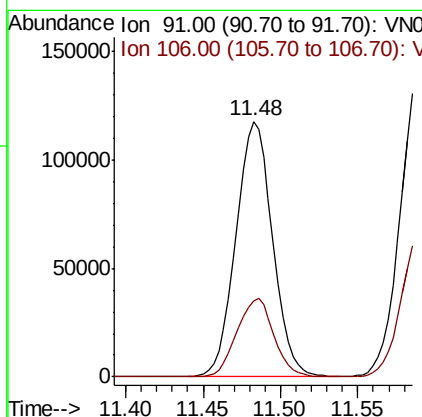
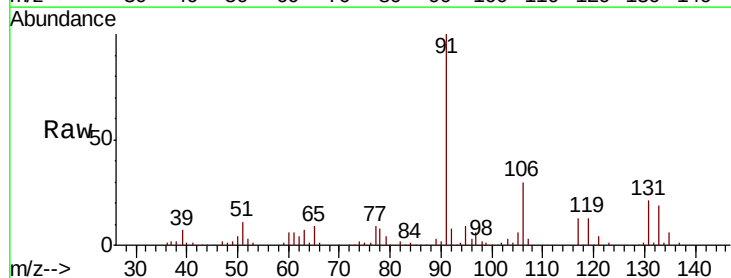
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

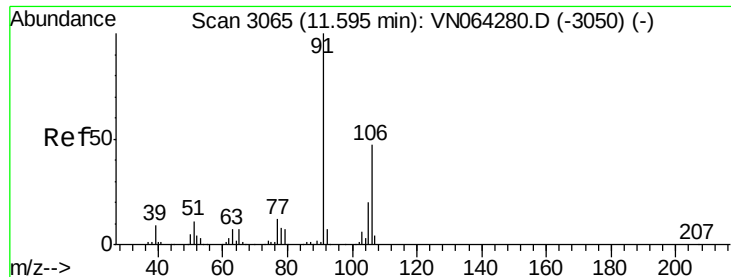
Tot Ion:131 Resp: 42092
 Ion Ratio Lower Upper
 131 100
 133 96.7 0.0 193.4
 119 62.6 0.0 125.2



#66
 Ethyl Benzene
 Concen: 14.549 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

Tgt Ion: 91 Resp: 193928
 Ion Ratio Lower Upper
 91 100
 106 29.7 23.8 35.6





#67

m/p-Xylenes

Concen: 28.706 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

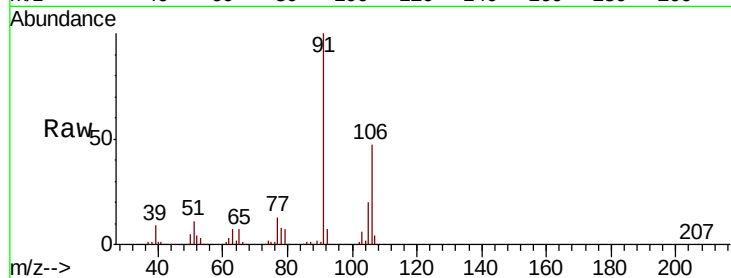
VSTDICCC020

Tot Ion:106 Resp: 142544

Ion Ratio Lower Upper

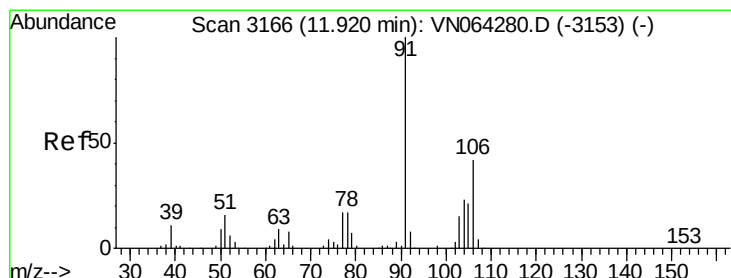
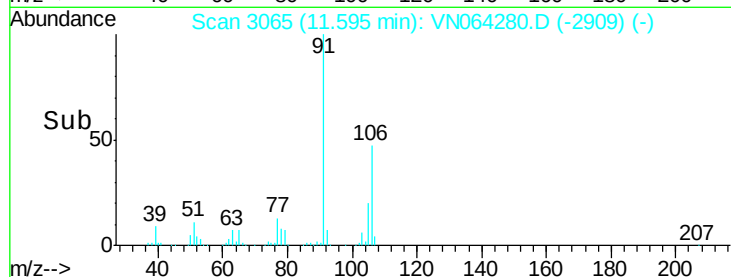
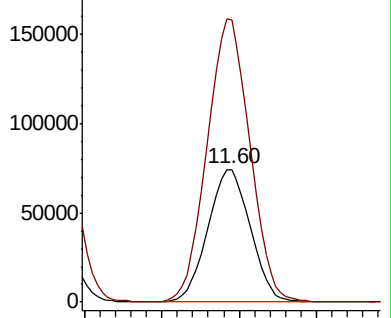
106 100

91 213.2 170.6 255.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 13.933 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. 0.00 min

Lab File: VN064280.D

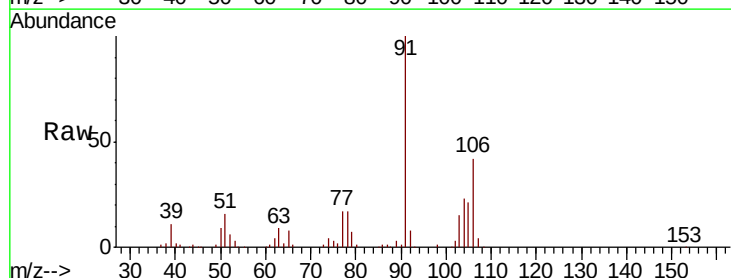
Acq: 23 Oct 2020 10:22

Tgt Ion:106 Resp: 67108

Ion Ratio Lower Upper

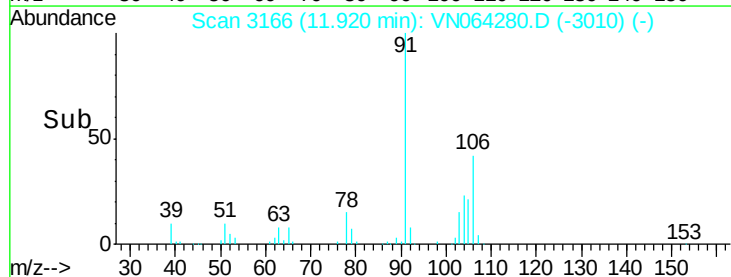
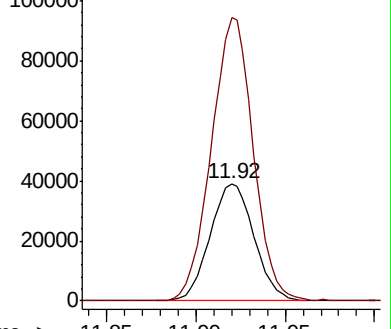
106 100

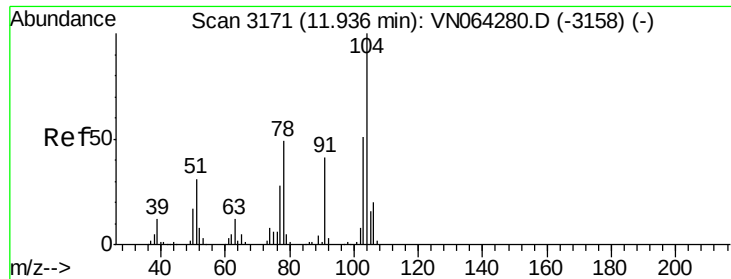
91 230.7 115.3 346.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

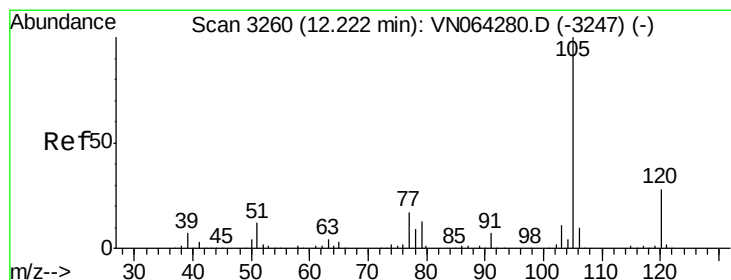
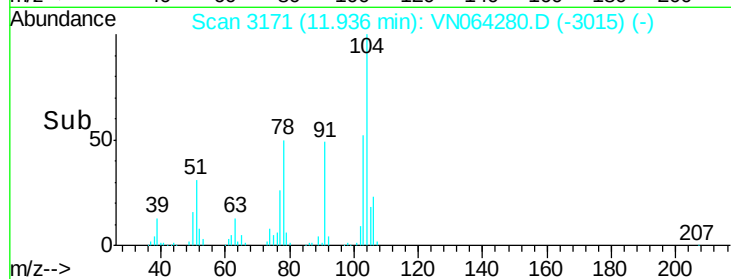
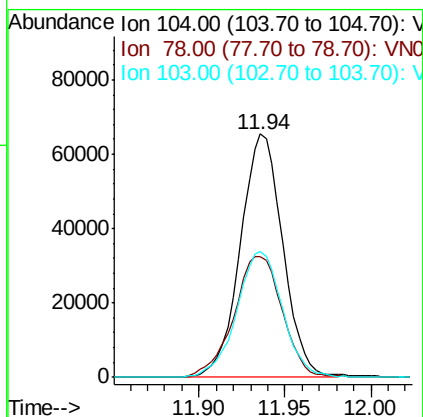
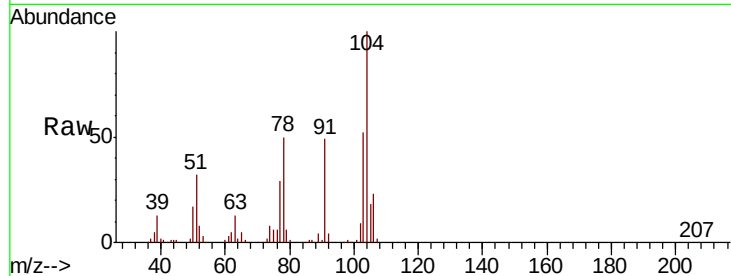




#69
Stvrene
Concen: 13.809 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

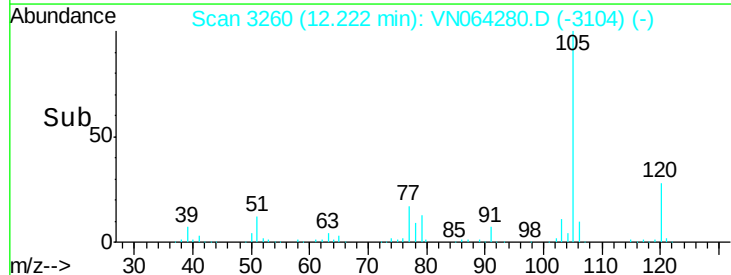
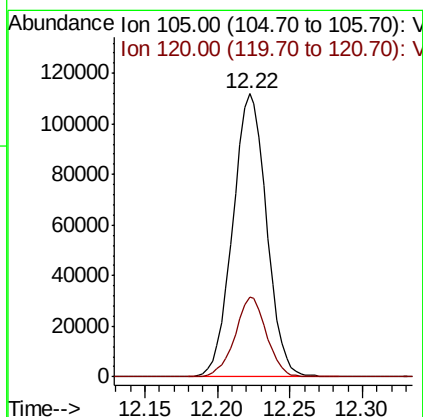
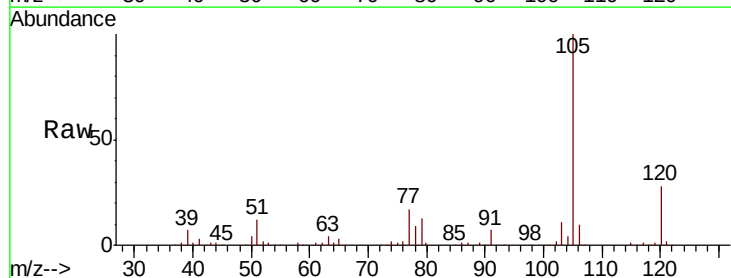
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

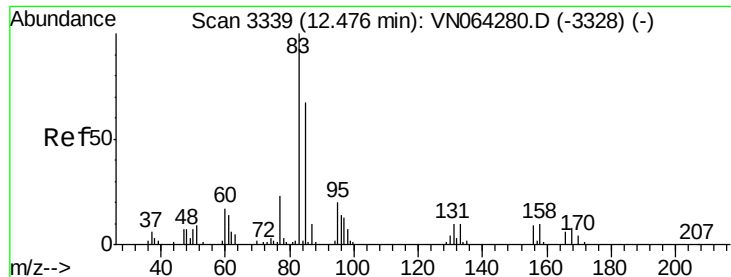
Tot Ion:104 Resp: 112160
Ion Ratio Lower Upper
104 100
78 56.8 45.4 68.2
103 55.8 44.6 67.0



#70
Isopropylbenzene
Concen: 14.261 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

Tgt Ion:105 Resp: 181046
Ion Ratio Lower Upper
105 100
120 26.5 18.6 34.5

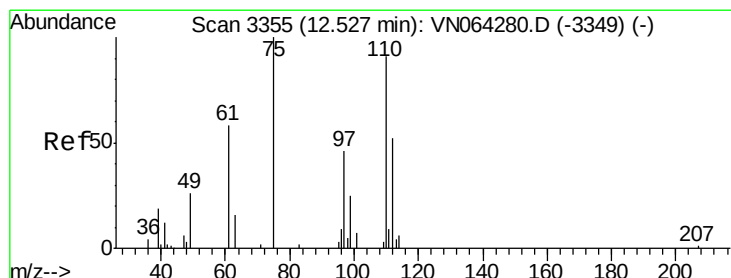
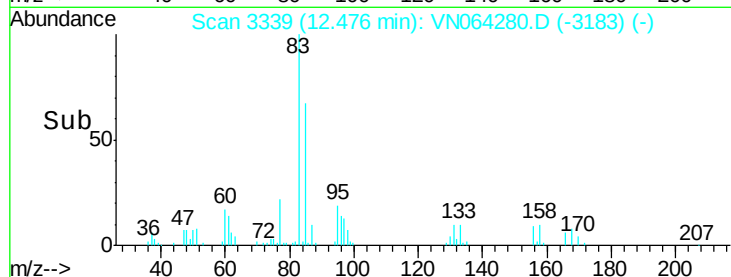
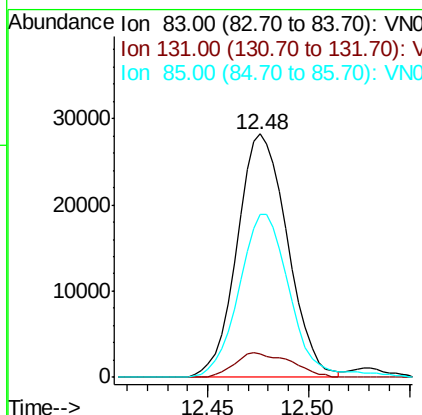
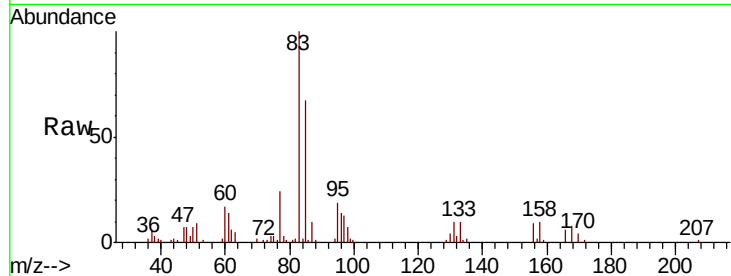




#71
 1,1,2,2-Tetrachloroethane
 Concen: 14.156 ug/l
 RT: 12.48 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

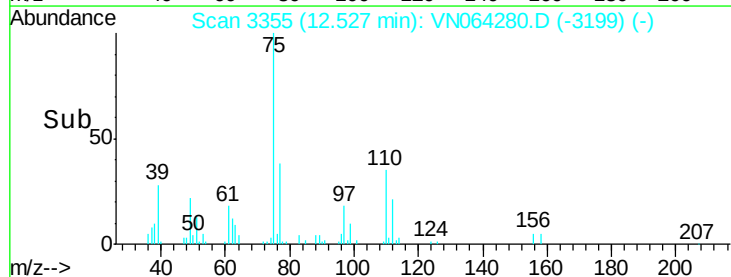
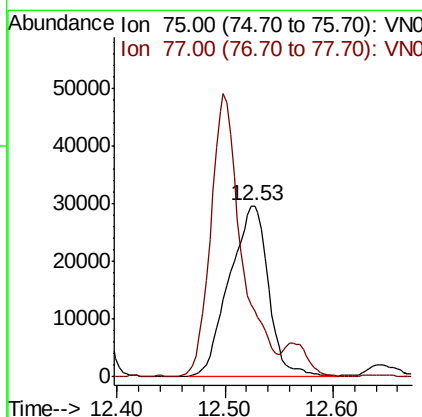
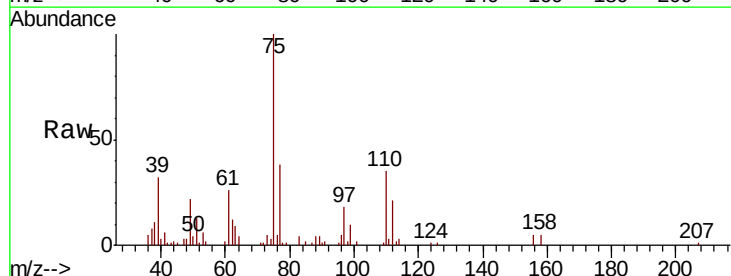
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

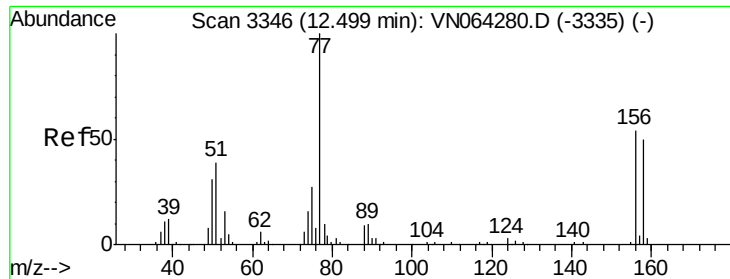
Tot Ion	83	Resp	49364
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.7	17.0
85	66.5	33.3	99.8



#72
 1,2,3-Trichloropropane
 Concen: 20.444 ug/l
 RT: 12.53 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

Tgt Ion	75	Resp	75107
Ion Ratio	Lower	Upper	
75	100		
77	130.5	0.0	365.2





#73

Bromobenzene

Concen: 14.282 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

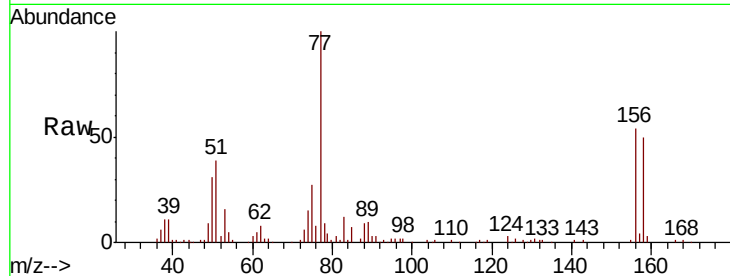
Tot Ion:156 Resp: 43556

Ion Ratio Lower Upper

156 100

77 225.1 0.0 450.2

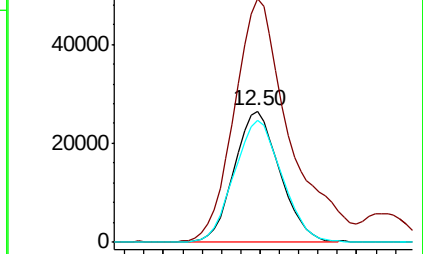
158 97.4 0.0 194.8



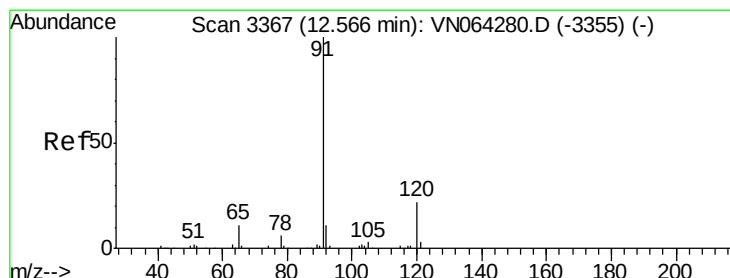
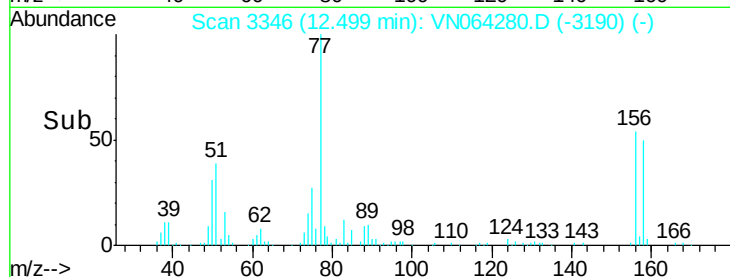
Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



Time-->



#74

n-propylbenzene

Concen: 14.456 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064280.D

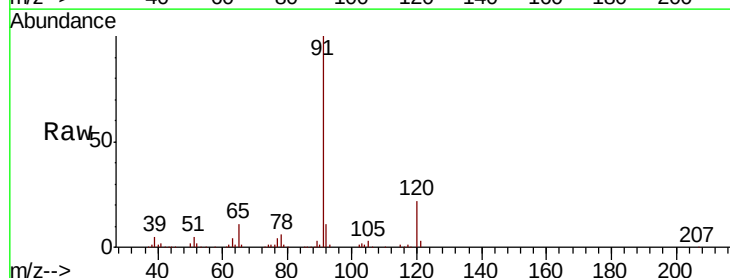
Acq: 23 Oct 2020 10:22

Tgt Ion: 91 Resp: 210179

Ion Ratio Lower Upper

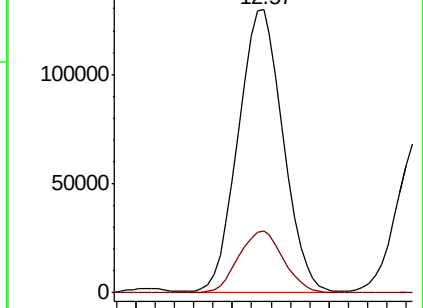
91 100

120 21.8 0.0 43.6

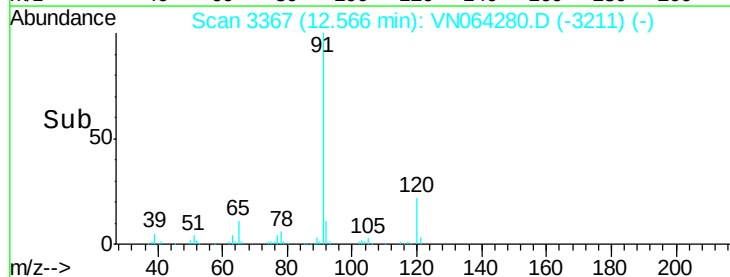


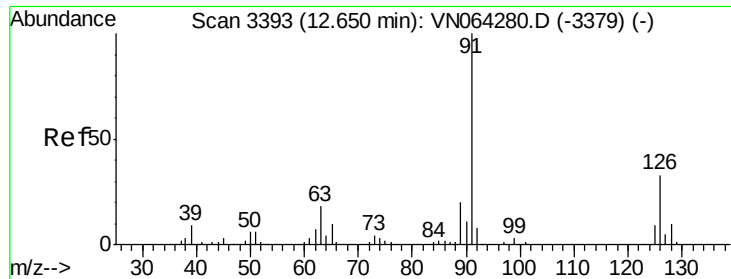
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->





#75

2-Chlorotoluene

Concen: 14.112 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

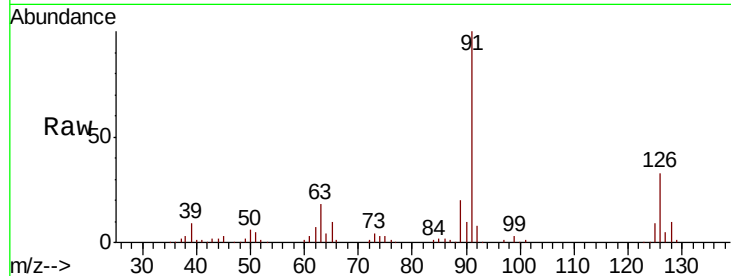
VSTDICCC020

Tot Ion: 91 Resp: 126641

Ion Ratio Lower Upper

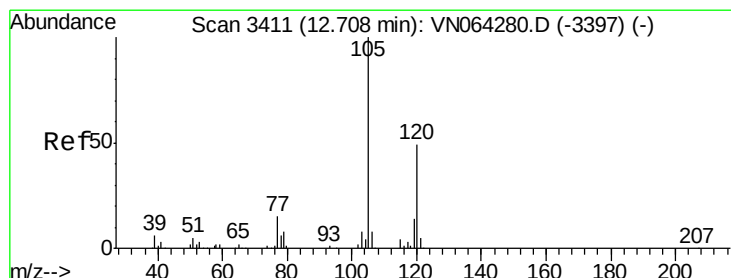
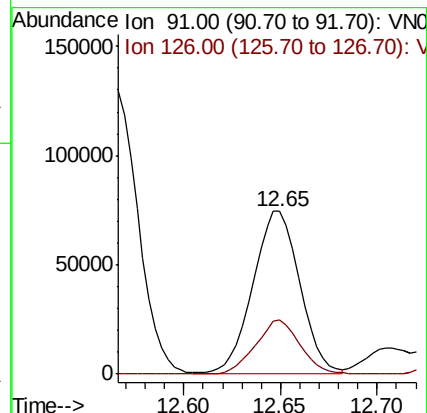
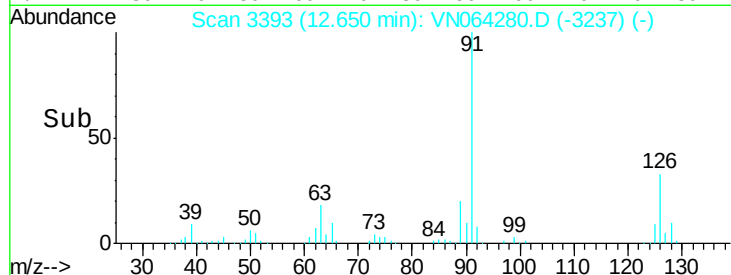
91 100

126 31.4 0.0 62.8



Abundance Ion 91.00 (90.70 to 91.70): VN064280.D (-3379) (-)

Ion 126.00 (125.70 to 126.70): VN064280.D (-3379) (-)



#76

1,3,5-Trimethylbenzene

Concen: 14.223 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064280.D

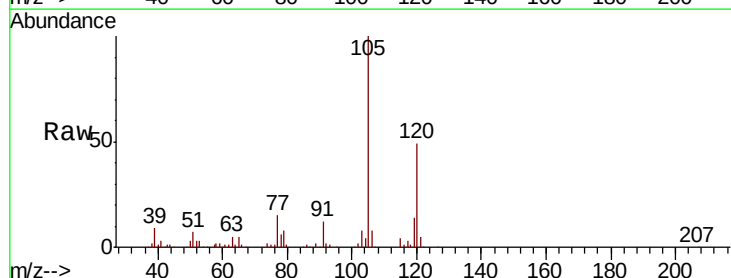
Acq: 23 Oct 2020 10:22

Tgt Ion: 105 Resp: 153900

Ion Ratio Lower Upper

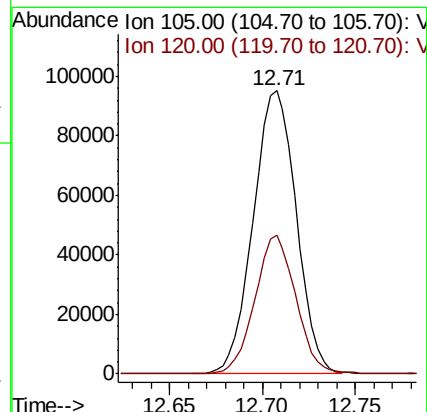
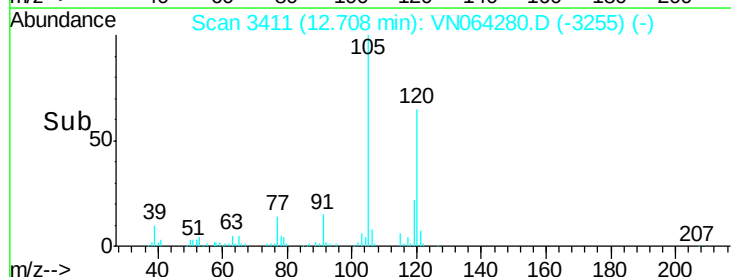
105 100

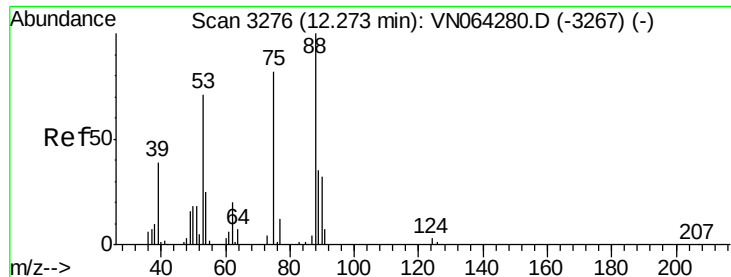
120 46.4 0.0 92.8



Abundance Ion 105.00 (104.70 to 105.70): VN064280.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN064280.D (-3397) (-)



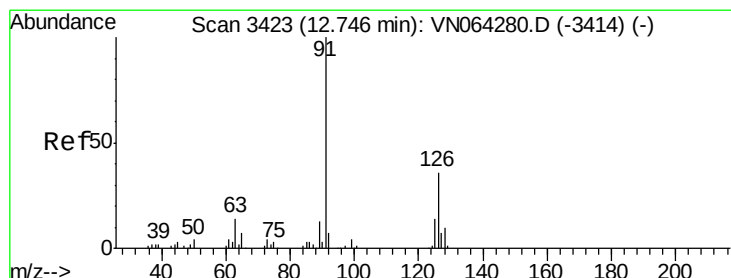
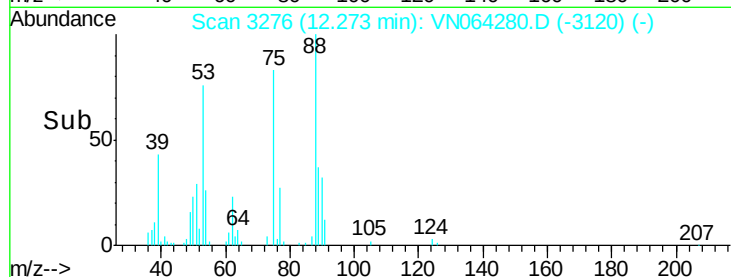
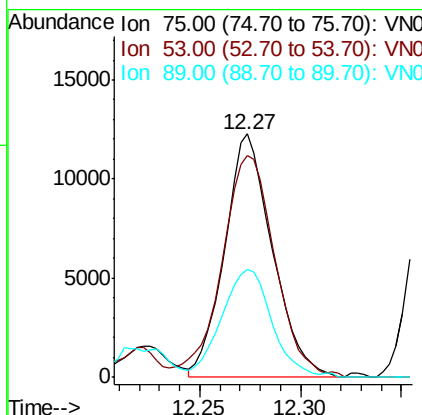
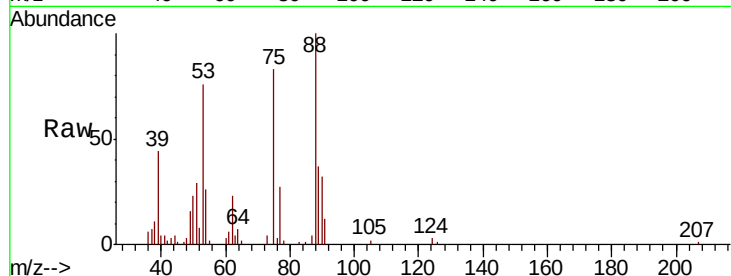


#77
t-1,4-Dichloro-2-butene
Concen: 14.242 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion: 75 Resp: 20330

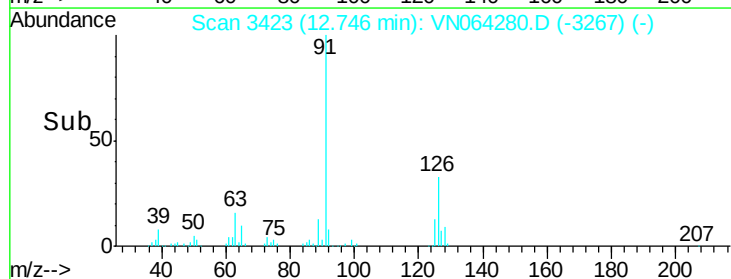
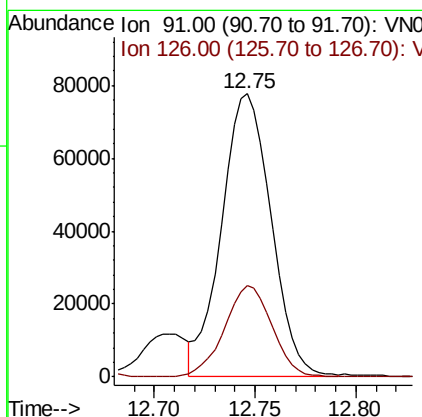
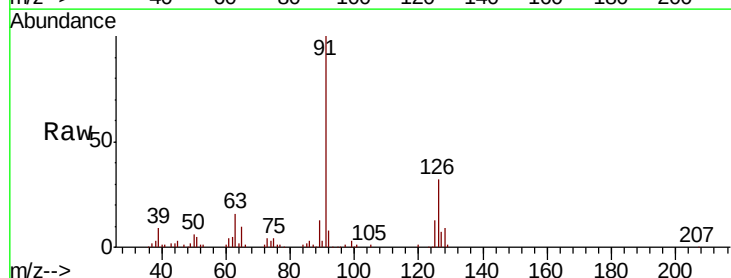
Ion	Ratio	Lower	Upper
75	100		
53	89.5	44.8	134.3
89	44.4	22.2	66.6

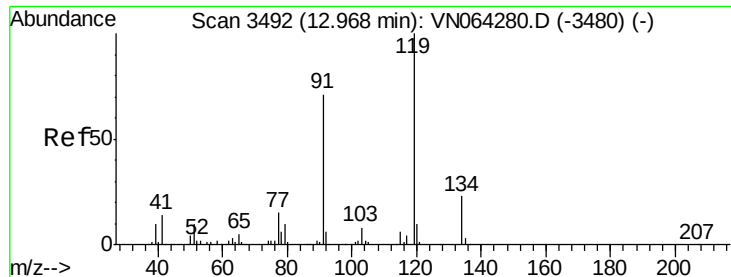


#78
4-Chlorotoluene
Concen: 14.210 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

Tgt Ion: 91 Resp: 133913

Ion	Ratio	Lower	Upper
91	100		
126	31.1	0.0	62.2

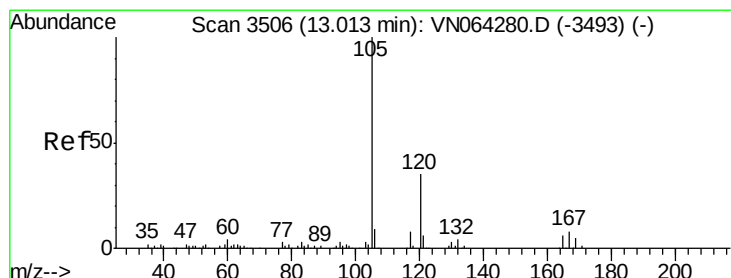
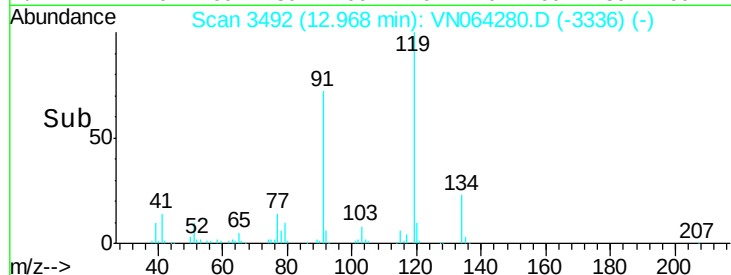
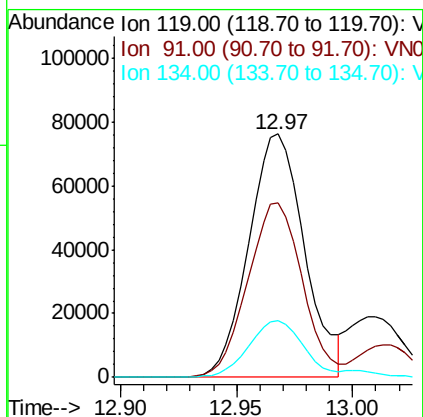
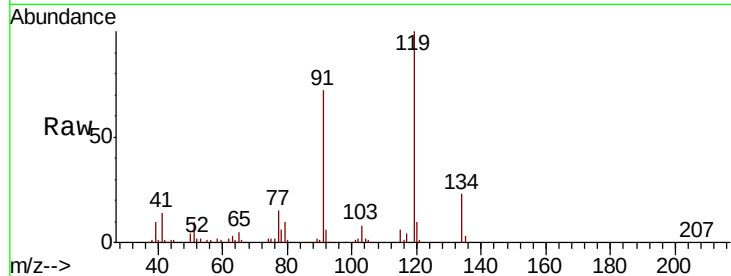




#79
tert-butylbenzene
Concen: 14.434 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

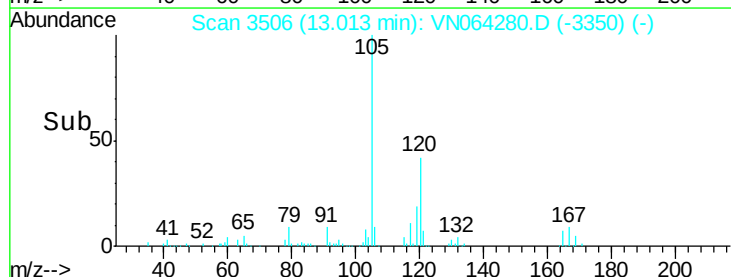
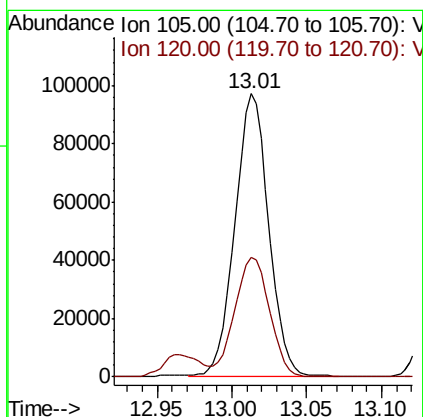
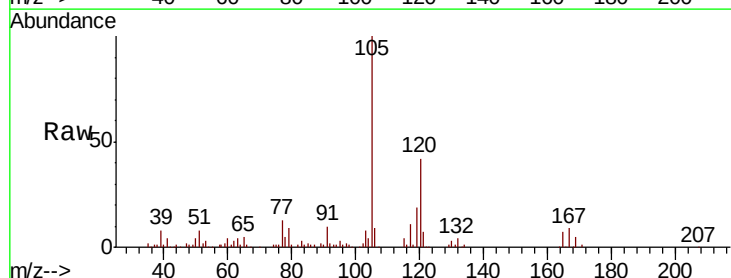
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

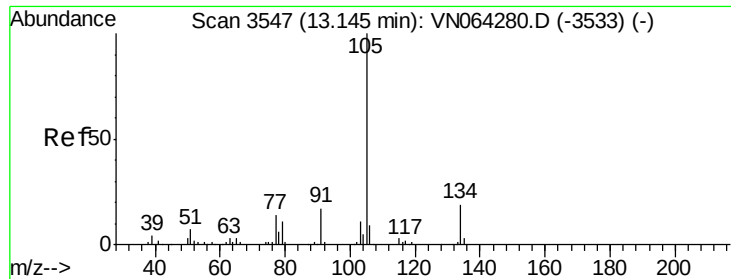
Tot Ion:119 Resp: 127847
Ion Ratio Lower Upper
119 100
91 70.0 0.0 140.0
134 22.9 0.0 45.8



#80
1,2,4-Trimethylbenzene
Concen: 14.022 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064280.D
Acq: 23 Oct 2020 10:22

Tgt Ion:105 Resp: 153251
Ion Ratio Lower Upper
105 100
120 43.7 0.0 87.4

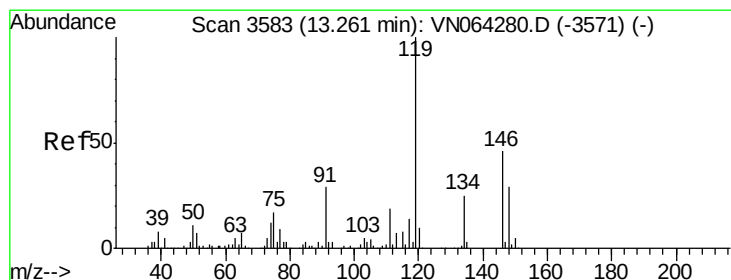
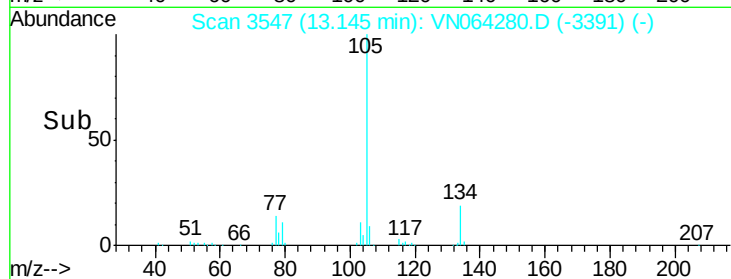
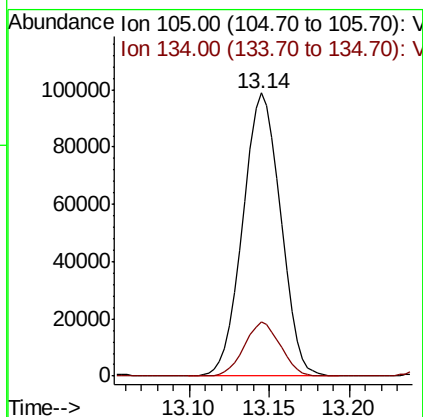
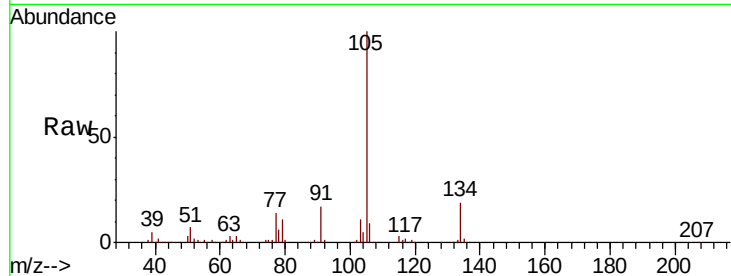




#81
 sec-Butylbenzene
 Concen: 13.938 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

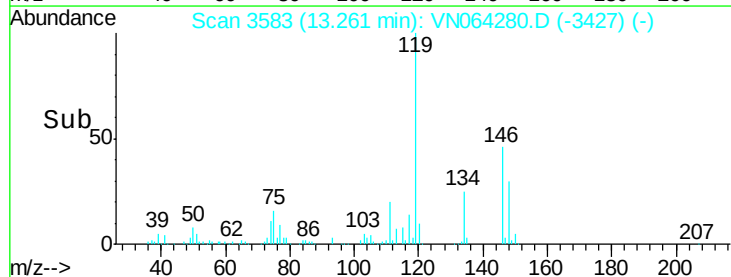
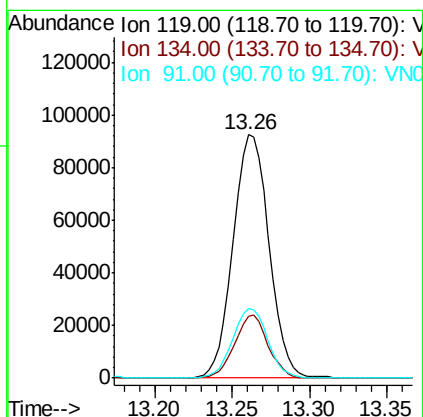
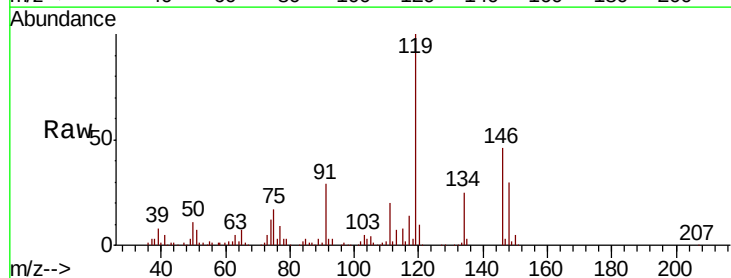
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

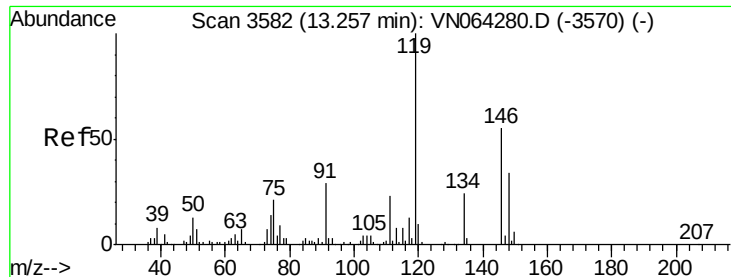
Tot Ion:105 Resp: 159456
 Ion Ratio Lower Upper
 105 100
 134 18.4 0.0 36.8



#82
 p-Isopropyltoluene
 Concen: 14.093 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

Tgt Ion:119 Resp: 149602
 Ion Ratio Lower Upper
 119 100
 134 23.9 0.0 47.8
 91 27.9 0.0 55.8

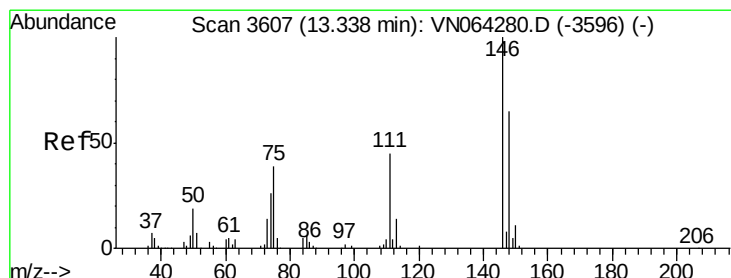
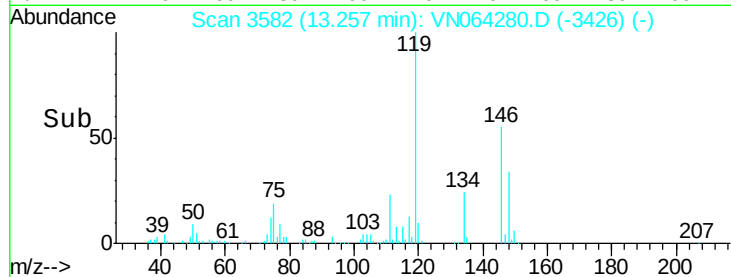
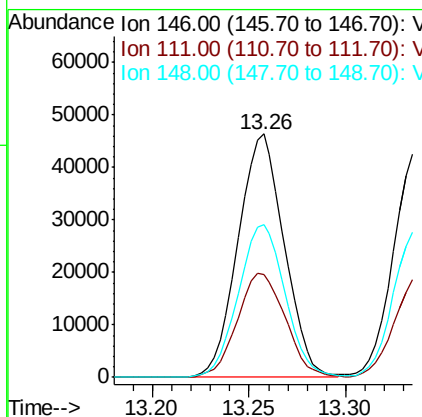
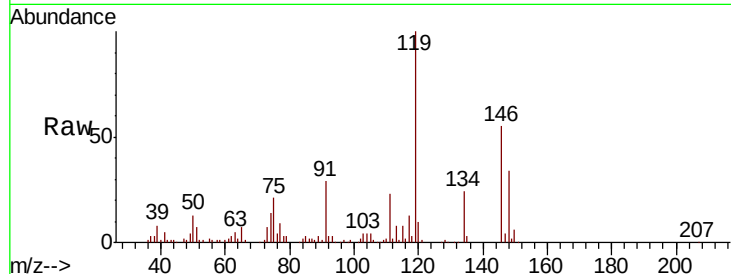




#83
 1,3-Dichlorobenzene
 Concen: 13.995 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

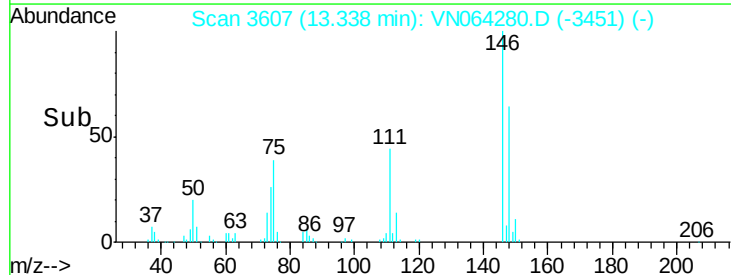
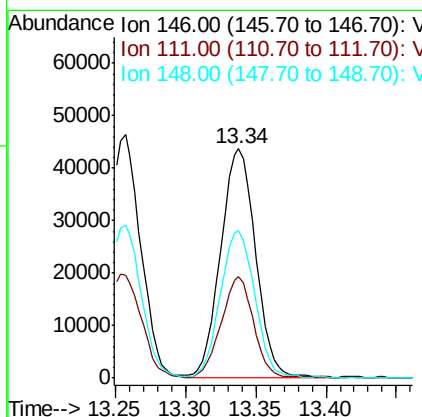
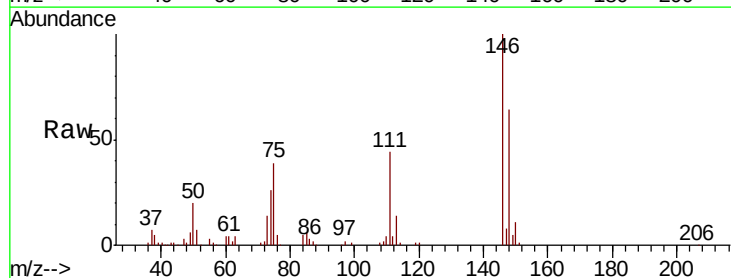
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

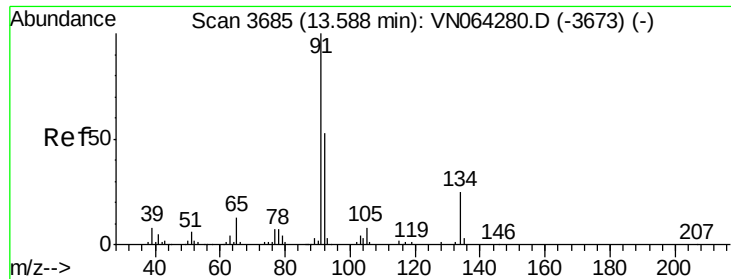
Tot Ion:146 Resp: 77061
 Ion Ratio Lower Upper
 146 100
 111 44.3 22.1 66.5
 148 63.7 31.9 95.5



#84
 1,4-Dichlorobenzene
 Concen: 13.886 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

Tgt Ion:146 Resp: 76080
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 61.0
 148 62.9 31.4 94.3





#85

n-Butylbenzene

Concen: 13.427 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

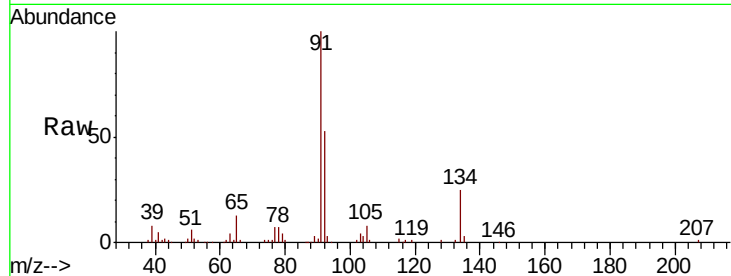
Tot Ion: 91 Resp: 126151

Ion Ratio Lower Upper

91 100

92 55.0 0.0 110.0

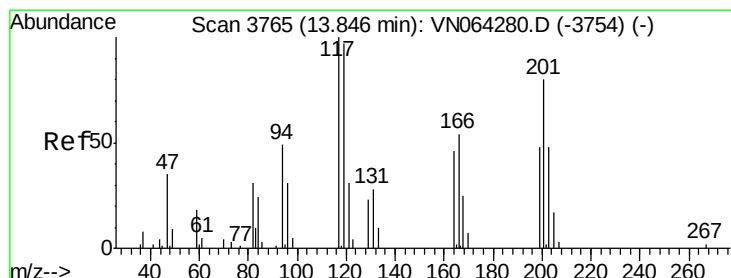
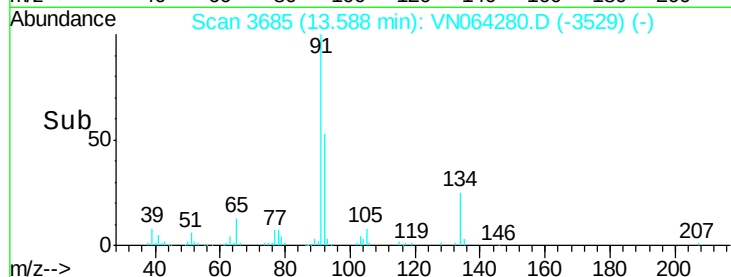
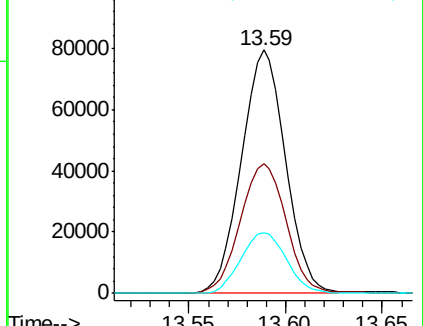
134 25.8 0.0 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN064280.D (-3673) (-)

Ion 92.00 (91.70 to 92.70): VN064280.D (-3673) (-)

Ion 134.00 (133.70 to 134.70): VN064280.D (-3673) (-)



#86

Hexachloroethane

Concen: 13.554 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN064280.D

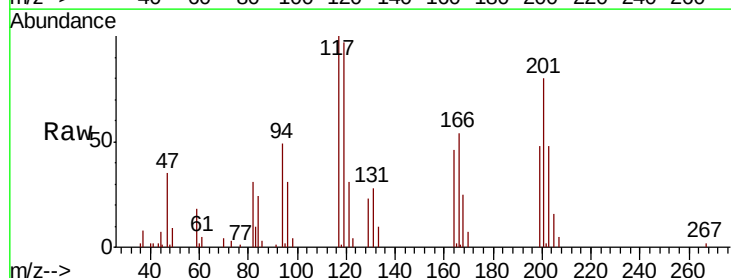
Acq: 23 Oct 2020 10:22

Tgt Ion: 117 Resp: 24626

Ion Ratio Lower Upper

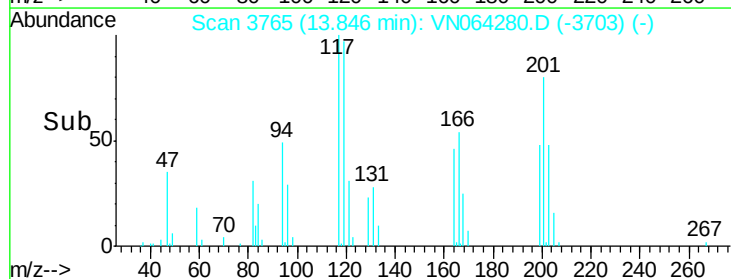
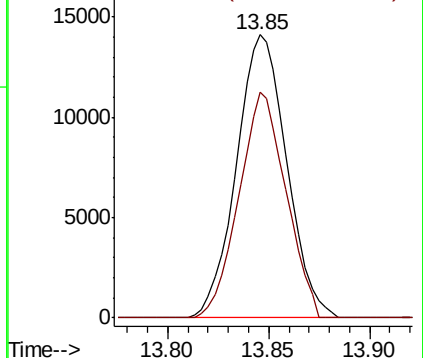
117 100

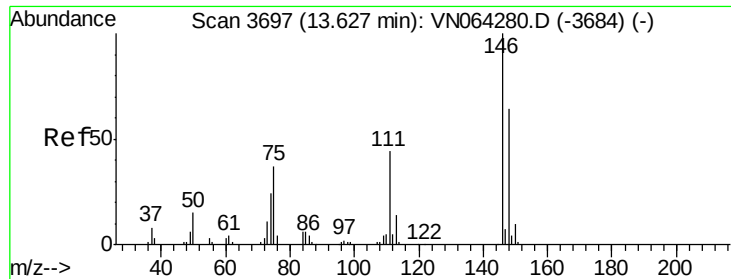
201 74.4 37.2 111.6



Abundance Ion 117.00 (116.70 to 117.70): VN064280.D (-3754) (-)

Ion 201.00 (200.70 to 201.70): VN064280.D (-3754) (-)

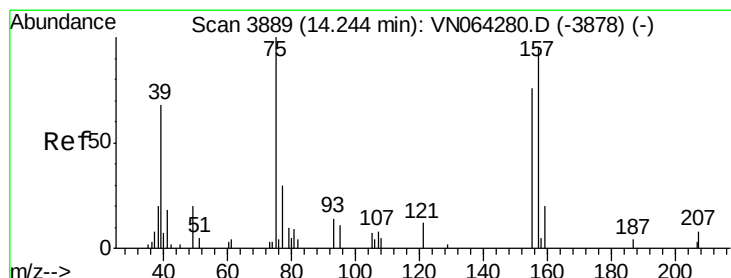
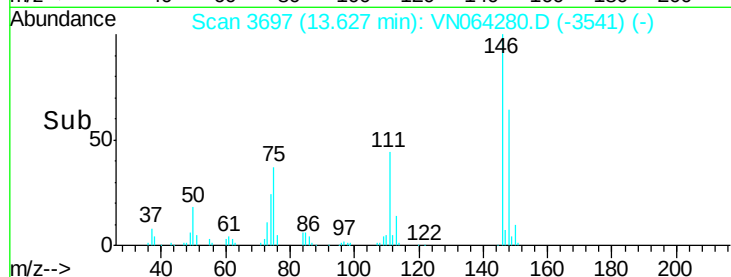
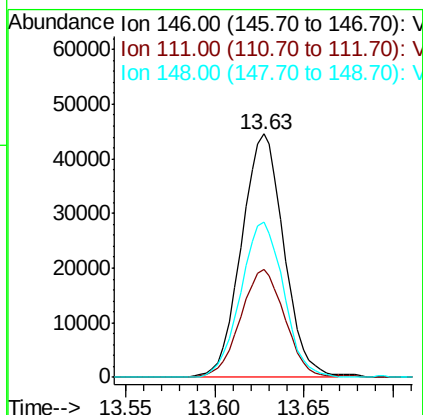
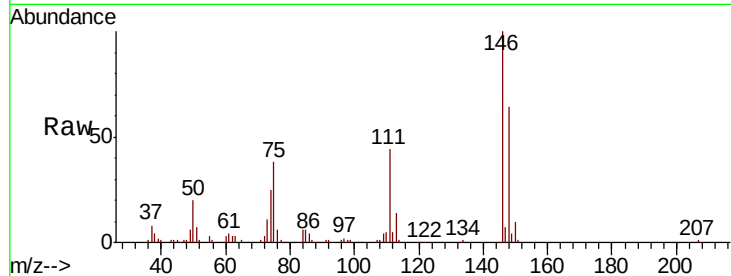




#87
 1,2-Dichlorobenzene
 Concen: 13.804 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

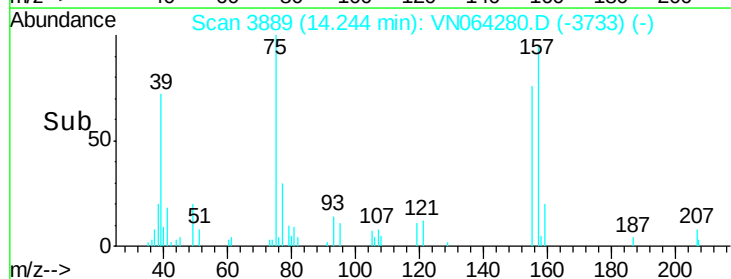
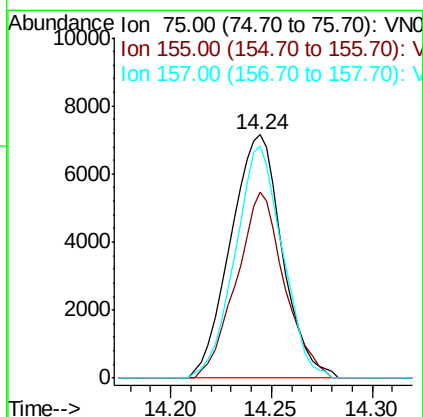
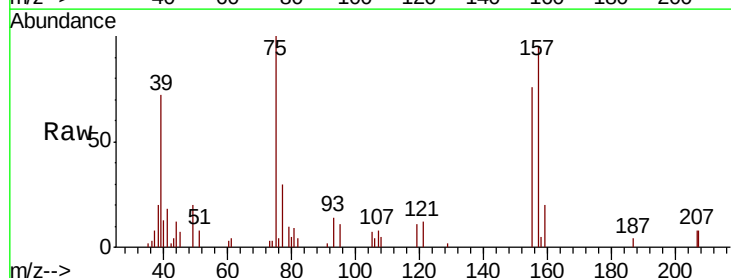
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

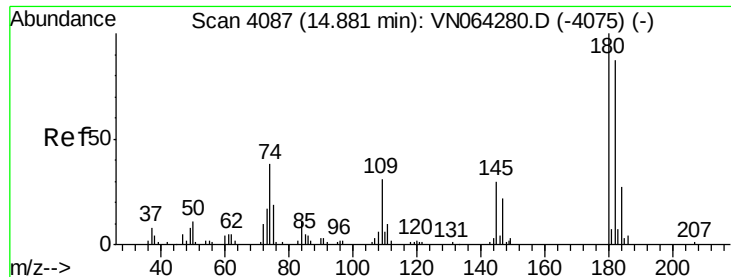
Tot Ion:146 Resp: 74154
 Ion Ratio Lower Upper
 146 100
 111 46.2 23.1 69.3
 148 64.5 32.3 96.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 14.366 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

Tgt Ion: 75 Resp: 12818
 Ion Ratio Lower Upper
 75 100
 155 70.7 56.6 84.8
 157 87.6 70.1 105.1

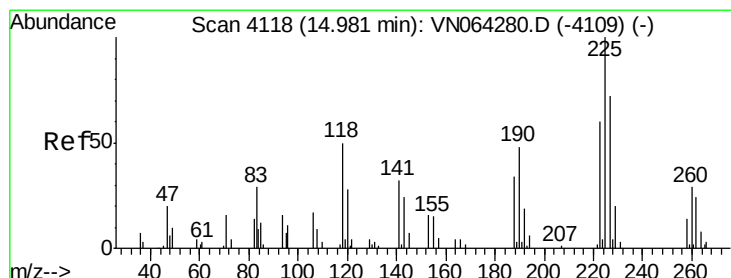
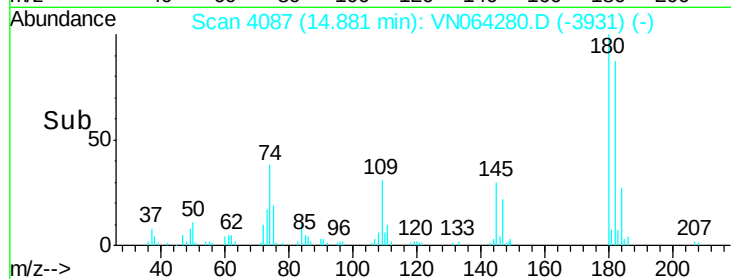
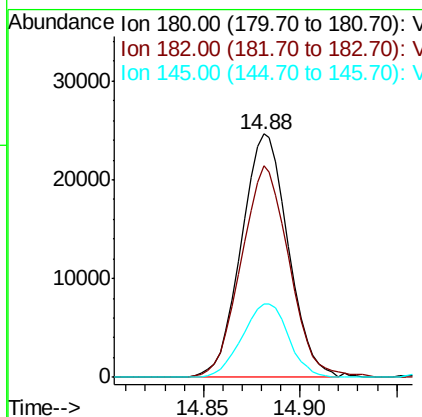
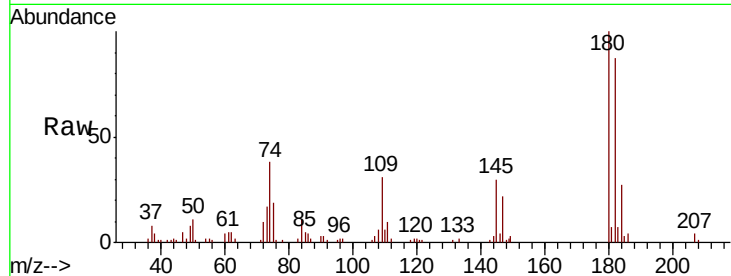




#89
 1,2,4-Trichlorobenzene
 Concen: 13.068 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

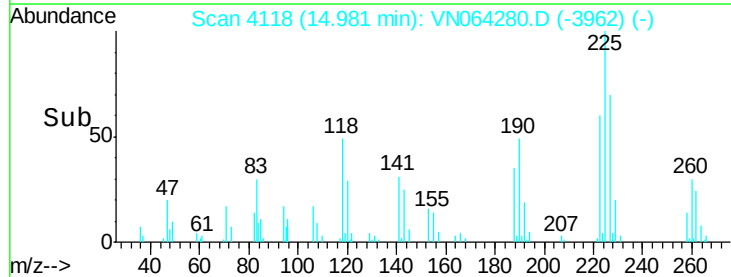
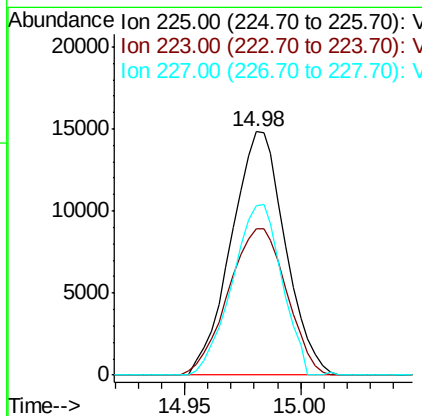
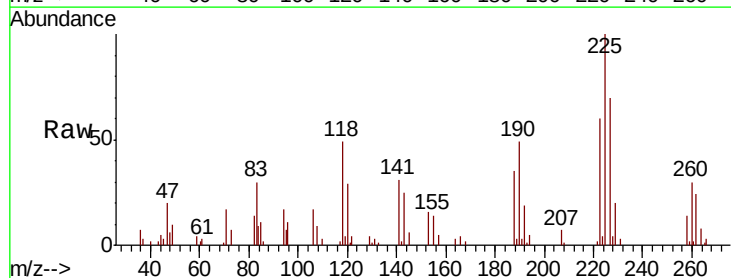
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

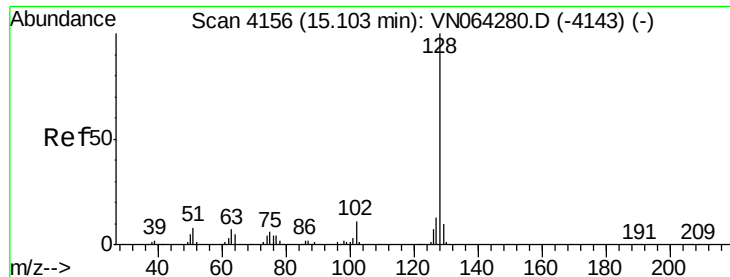
Tot Ion:180 Resp: 41398
 Ion Ratio Lower Upper
 180 100
 182 89.1 71.3 106.9
 145 29.9 23.9 35.9



#90
 Hexachlorobutadiene
 Concen: 14.614 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064280.D
 Acq: 23 Oct 2020 10:22

Tgt Ion:225 Resp: 23961
 Ion Ratio Lower Upper
 225 100
 223 64.9 0.0 129.8
 227 64.3 0.0 128.6





#91

Naphthalene

Concen: 12.482 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

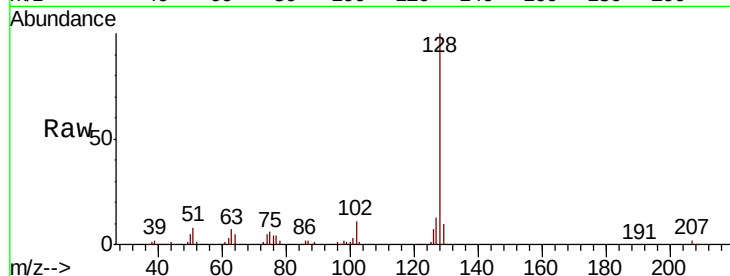
Tot Ion:128 Resp: 120050

Ion Ratio Lower Upper

128 100

127 12.4 9.9 14.9

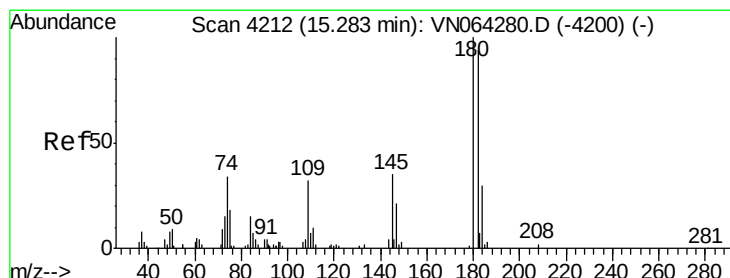
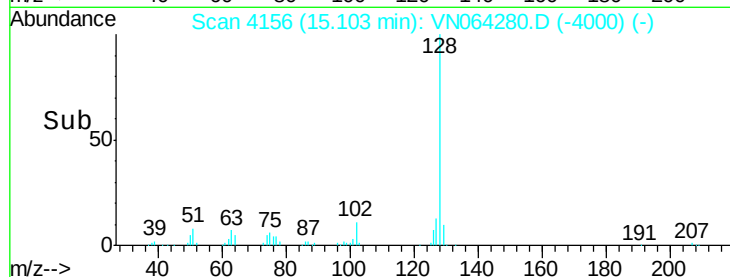
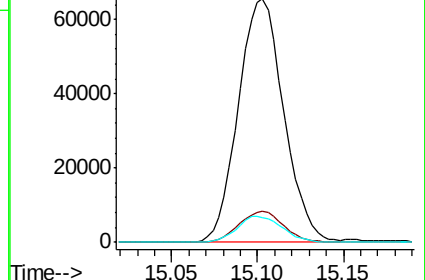
129 10.4 8.3 12.5



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: 12.862 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064280.D

Acq: 23 Oct 2020 10:22

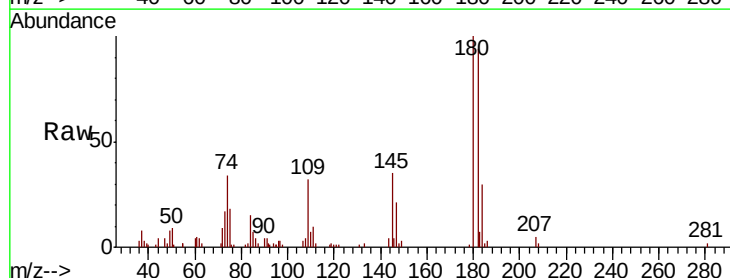
Tgt Ion:180 Resp: 39079

Ion Ratio Lower Upper

180 100

182 94.4 0.0 188.8

145 35.0 0.0 70.0



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

