

Data File : VN062928.D
Acq On : 13 Aug 2020 22:57
Operator : JC/MD
Sample : VSTDICCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC020

Quant Time: Aug 14 05:32:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 14 05:30:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	27199	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	141223	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	133514	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	74210	31.43	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.77%
60) 4-Bromofluorobenzene	12.38	95	66385	29.27	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.57%
63) Toluene-d8	10.06	98	187194	29.86	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.53%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	50012	27.983	ug/l 100
3) Chloromethane	2.03	50	37333	16.676	ug/l 100
4) Vinyl Chloride	2.16	62	37352	18.662	ug/l 100
5) Bromomethane	2.52	94	36801	31.015	ug/l 100
6) Chloroethane	2.66	64	37929	32.236	ug/l 100
7) Trichlorofluoromethane	2.98	101	92025	32.758	ug/l 100
8) Diethyl Ether	3.37	74	17555	16.121	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	26633	17.781	ug/l 100
10) 1,1-Dichloroethene	3.69	96	24021	16.033	ug/l 100
11) Methyl Iodide	3.91	142	32494	17.328	ug/l 100
12) Methyl Acetate	4.28	43	36523	17.755	ug/l 100
13) Acrolein	3.57	56	21008	71.901	ug/l 100
14) Acrylonitrile	4.93	53	77899	82.657	ug/l 100
15) Acetone	3.78	58	11142	40.622	ug/l 94
16) Carbon Disulfide	4.01	76	64617	13.576	ug/l 100
17) Allyl chloride	4.27	41	39401	12.966	ug/l 100
18) Methylene Chloride	4.50	84	30918	16.714	ug/l 100
19) trans-1,2-Dichloroethene	4.98	96	15019	9.073	ug/l 100
20) Diisopropyl ether	5.91	45	99136	15.329	ug/l 100
21) 1,1-Dichloroethane	5.80	63	58809	16.857	ug/l 100
22) cis-1,2-Dichloroethene	6.79	96	32192	17.020	ug/l 100
23) tert-Butyl Alcohol	4.74	59	34711	105.068	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	104917	18.455	ug/l 100
25) Chloroform	7.33	83	62621	19.031	ug/l 100
26) Cyclohexane	7.61	56	46729	15.408	ug/l # 100
29) 1,1-Dichloropropene	7.75	75	40805	17.489	ug/l 100
30) 2-Butanone	6.79	43	103847	86.004	ug/l 100
31) 2,2-Dichloropropane	6.77	77	41820	16.249	ug/l 100
32) 1,1,1-Trichloroethane	7.53	97	56424	21.496	ug/l 100
33) Carbon Tetrachloride	7.73	117	50165	21.897	ug/l 100
34) Benzene	8.00	78	122441	17.694	ug/l 100
35) Methacrylonitrile	7.13	41	16386	15.633	ug/l 100
36) 1,2-Dichloroethane	8.09	62	53906	20.805	ug/l 100
37) Trichloroethene	8.80	130	30664	19.313	ug/l 100
38) Methylcyclohexane	9.05	83	47478	17.971	ug/l 100
39) 1,2-Dichloropropane	9.09	63	33560	17.151	ug/l 100
40) Dibromomethane	9.18	93	23082	19.814	ug/l 100

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 14 05:30:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	51719	20.669	ug/l	100
42) Vinyl Acetate	5.85	43	336993	69.018	ug/l	100
43) Ethyl Acetate	6.89	43	40117	16.411	ug/l	100
44) Isopropyl Acetate	8.13	43	63942	15.673	ug/l	100
45) 1,4-Dioxane	9.17	88	13187	442.518	ug/l	100
46) Methyl methacrylate	9.17	41	32061	16.435	ug/l	100
47) n-amyl Acetate	12.05	43	56660	16.247	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	52479	18.390	ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	52024	17.178	ug/l	100
50) 1,1,2-Trichloroethane	10.53	97	33087	20.194	ug/l	100
51) Ethyl methacrylate	10.40	69	46810	17.423	ug/l	100
52) 1,3-Dichloropropane	10.68	76	56802	19.110	ug/l	100
53) Dibromochloromethane	10.87	129	39302	21.578	ug/l	100
54) 1,2-Dibromoethane	10.98	107	32623	19.443	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	50764	62.425	ug/l	100
56) Bromoform	12.10	173	27395	21.856	ug/l	100
58) 4-Methyl-2-Pentanone	9.95	43	221980	88.525	ug/l	100
59) 2-Hexanone	10.72	43	161714	88.100	ug/l	100
61) Tetrachloroethene	10.61	164	26304	19.419	ug/l	100
62) Toluene	10.13	91	135604	18.358	ug/l	100
64) Chlorobenzene	11.41	112	84174	19.059	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.48	131	35781	21.353	ug/l	100
66) Ethyl Benzene	11.48	91	145682	17.815	ug/l	100
67) m/p-Xylenes	11.60	106	112370	37.369	ug/l	100
68) o-Xylene	11.92	106	52004	18.165	ug/l	100
69) Styrene	11.94	104	94311	19.122	ug/l	100
70) Isopropylbenzene	12.22	105	149517	19.204	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	49965	19.771	ug/l	100
72) 1,2,3-Trichloropropane	12.53	75	66903	26.795	ug/l	74
73) Bromobenzene	12.50	156	36593	20.031	ug/l	100
74) n-propylbenzene	12.57	91	168964	18.355	ug/l	100
75) 2-Chlorotoluene	12.65	91	108980	19.458	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	130621	19.498	ug/l	100
77) t-1,4-Dichloro-2-butene	12.27	75	14838	16.621	ug/l	100
78) 4-Chlorotoluene	12.75	91	108348	19.014	ug/l	100
79) tert-butylbenzene	12.97	119	107932	19.526	ug/l	100
80) 1,2,4-Trimethylbenzene	13.01	105	126670	19.321	ug/l	100
81) sec-Butylbenzene	13.15	105	140215	18.940	ug/l	100
82) p-Isopropyltoluene	13.26	119	124228	18.977	ug/l	100
83) 1,3-Dichlorobenzene	13.26	146	63074	19.848	ug/l	100
84) 1,4-Dichlorobenzene	13.34	146	60092	19.204	ug/l	100
85) n-Butylbenzene	13.59	91	92416	16.691	ug/l	100
86) Hexachloroethane	13.85	117	26070	20.311	ug/l	100
87) 1,2-Dichlorobenzene	13.63	146	61813	20.186	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.24	75	9650	20.106	ug/l	100
89) 1,2,4-Trichlorobenzene	14.89	180	24782	16.661	ug/l	100
90) Hexachlorobutadiene	14.99	225	19017	21.926	ug/l	100
91) Naphthalene	15.11	128	61913	15.551	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	25141	16.832	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081420\
Quantitation Report (Not Reviewed)

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Sample : VSTDICCC020
Misc : 5.00mL/MSVOA_N/WATER
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Instrument :
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ClientSampleId :
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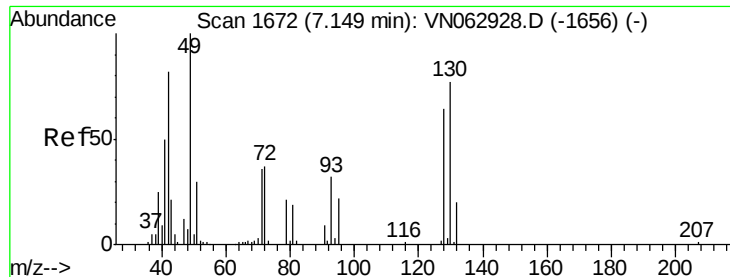
Quant Time: Aug 14 05:32:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 14 05:30:32 2020
Response via : Initial Calibration

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

Quant Time: Aug 14 05:32:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_N\METHODS\624N081420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC020

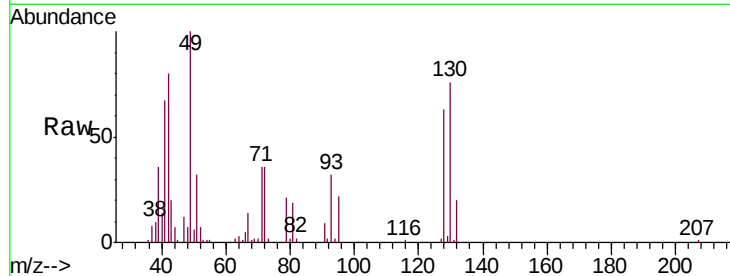
Tgt Ion:128 Resp: 27199

Ion Ratio Lower Upper

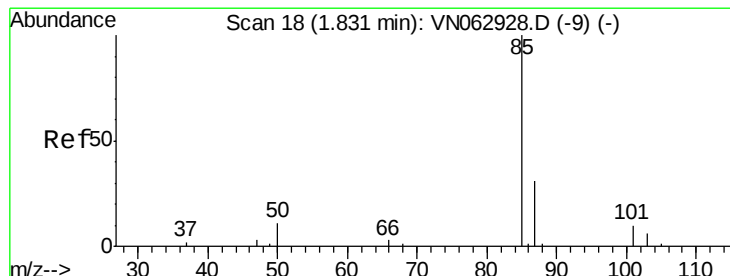
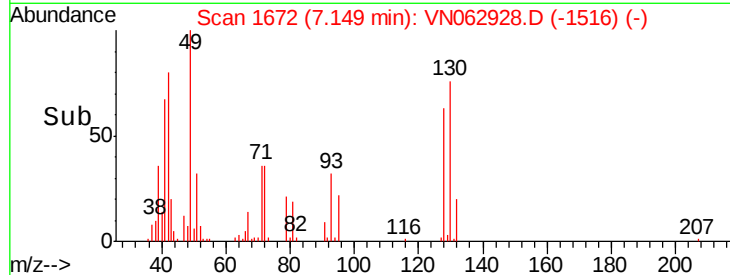
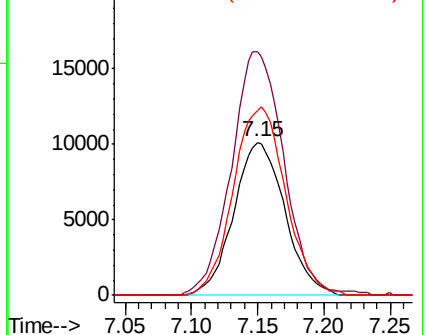
128 100

49 164.0 0.0 410.0

130 126.6 0.0 316.5



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



#2

Dichlorodifluoromethane

Concen: 27.983 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062928.D

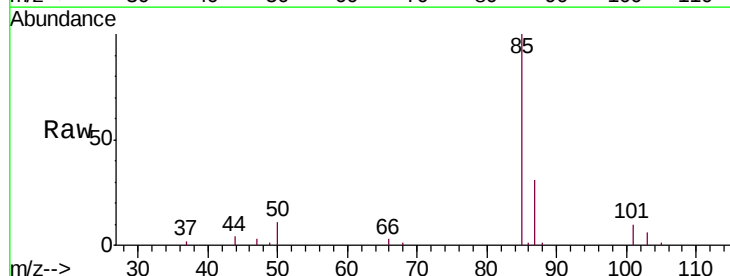
Acq: 13 Aug 2020 22:57

Tgt Ion: 85 Resp: 50012

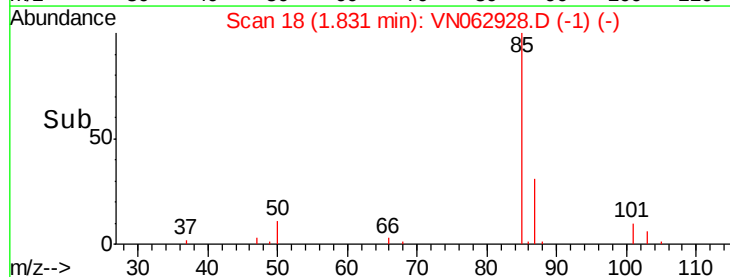
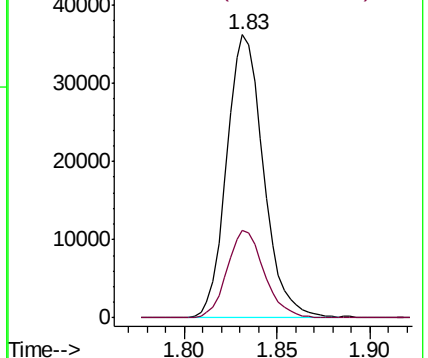
Ion Ratio Lower Upper

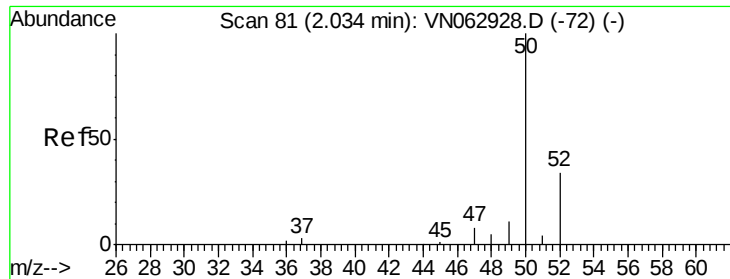
85 100

87 30.8 15.4 46.2



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

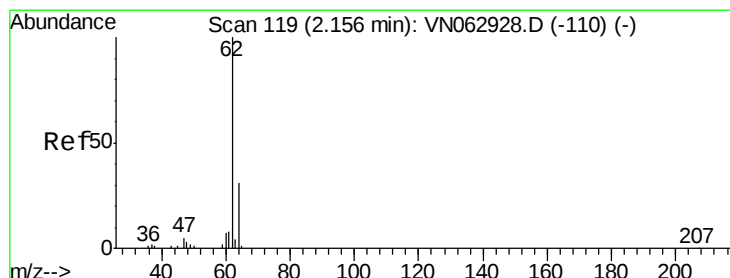
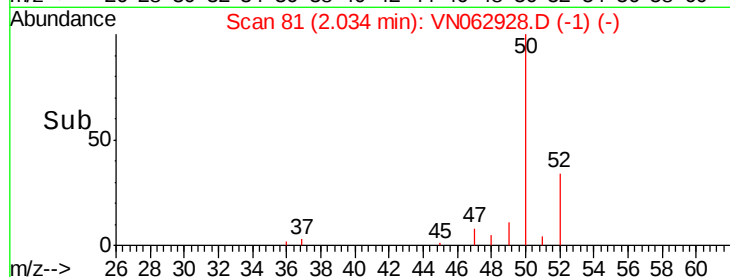
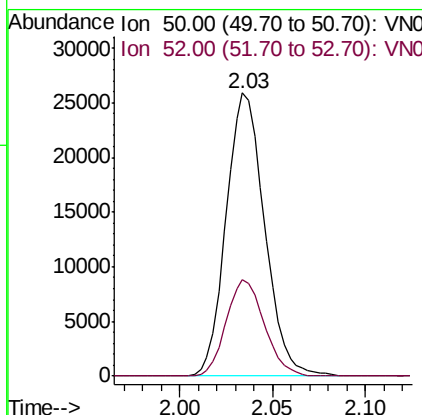
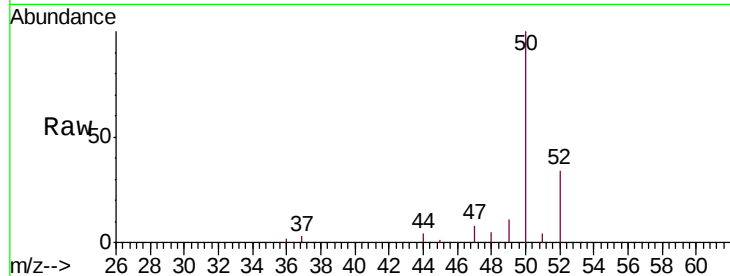




#3
Chloromethane
Concen: 16.676 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

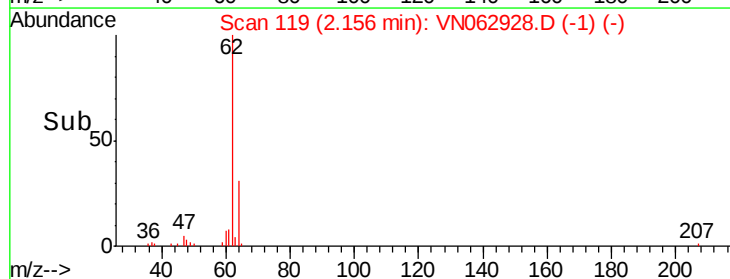
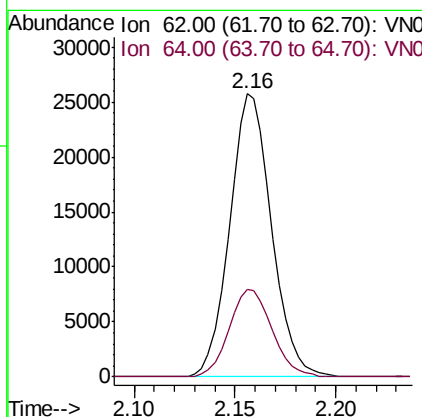
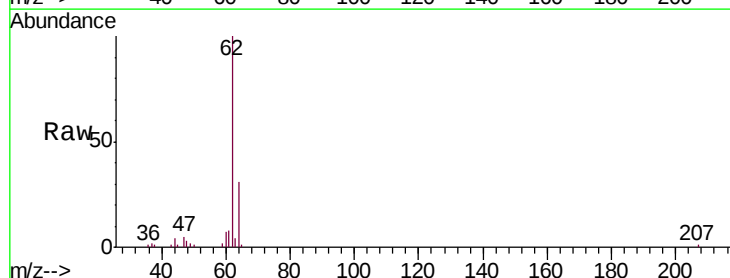
Instrument :
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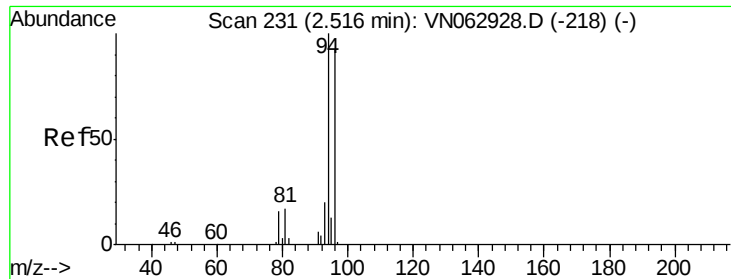
Tgt Ion: 50 Resp: 37333
Ion Ratio Lower Upper
50 100
52 33.9 27.1 40.7



#4
Vinyl Chloride
Concen: 18.662 ug/l
RT: 2.16 min Scan# 119
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Tgt Ion: 62 Resp: 37352
Ion Ratio Lower Upper
62 100
64 30.8 24.6 37.0





#5

Bromomethane

Concen: 31.015 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.00 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

Instrument :

MSVOA_L

ClientSampleId :

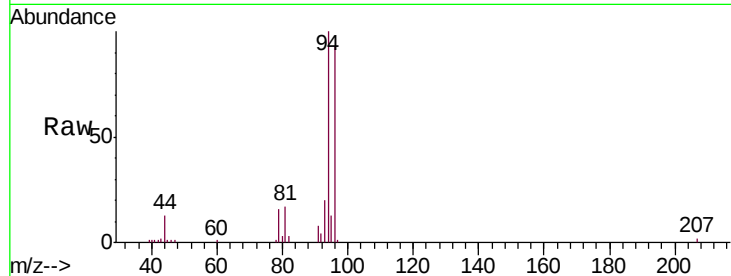
VSTDICCC020

Tgt Ion: 94 Resp: 36801

Ion Ratio Lower Upper

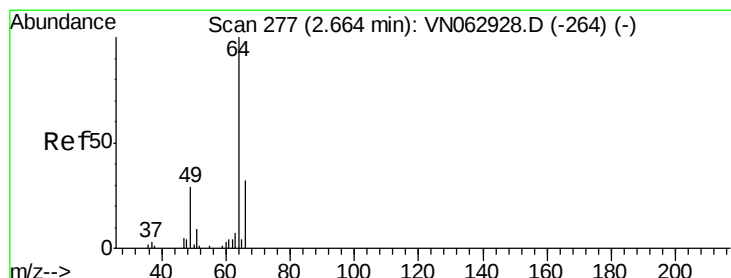
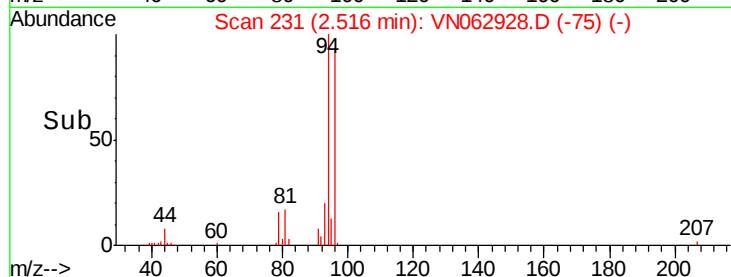
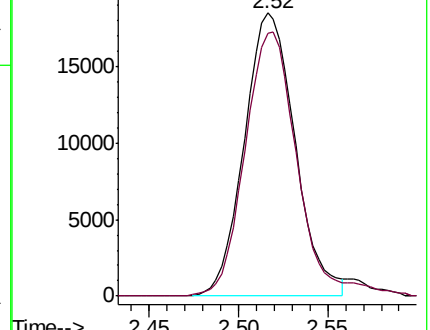
94 100

96 92.1 73.7 110.5



Abundance Ion 94.00 (93.70 to 94.70): VN062928.D (-218) (-)

Ion 96.00 (95.70 to 96.70): VN062928.D (-218) (-)



#6

Chloroethane

Concen: 32.236 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062928.D

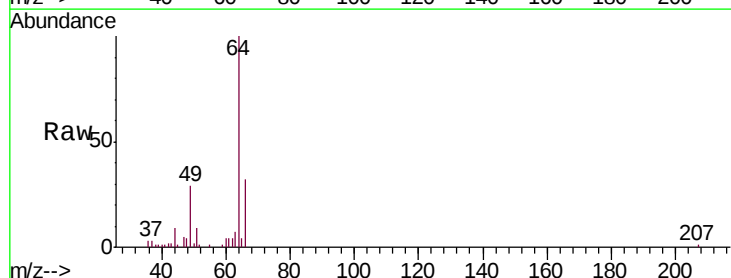
Acq: 13 Aug 2020 22:57

Tgt Ion: 64 Resp: 37929

Ion Ratio Lower Upper

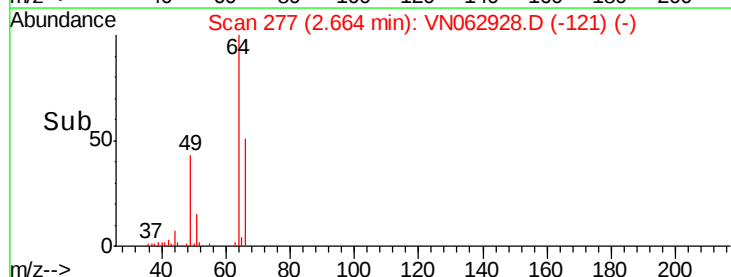
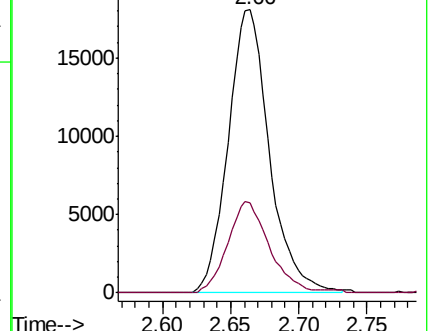
64 100

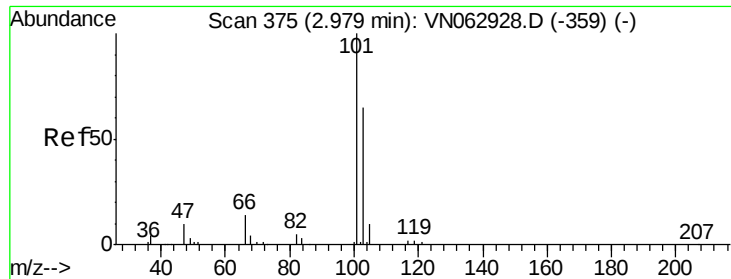
66 31.6 25.3 37.9



Abundance Ion 64.00 (63.70 to 64.70): VN062928.D (-264) (-)

Ion 66.00 (65.70 to 66.70): VN062928.D (-264) (-)



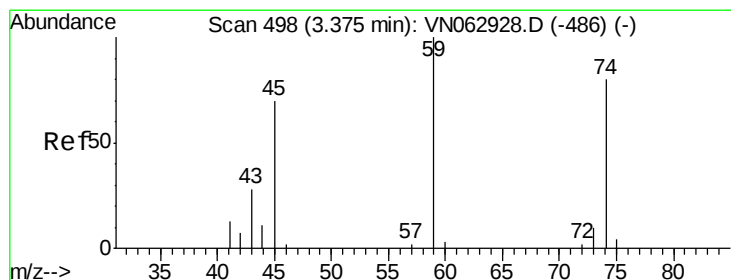
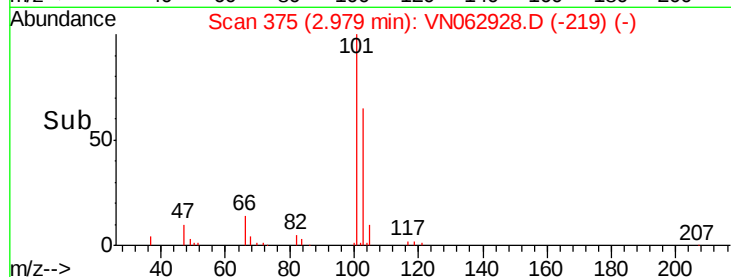
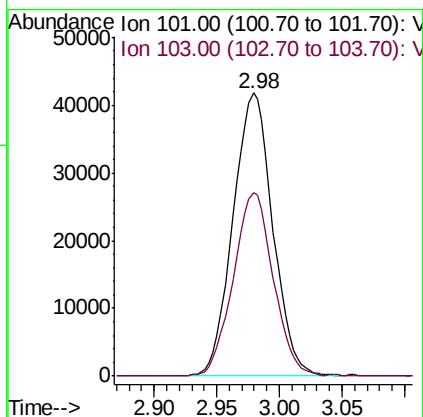
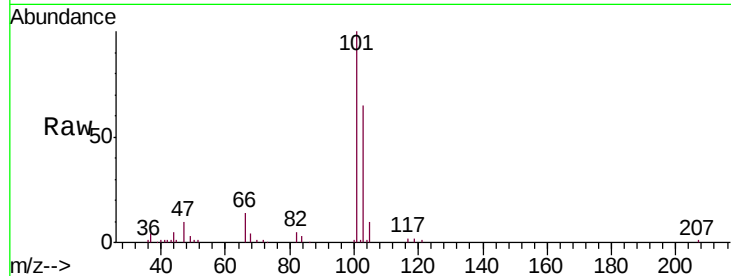


#7

Trichlorofluoromethane
 Concen: 32.758 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

Instrument :
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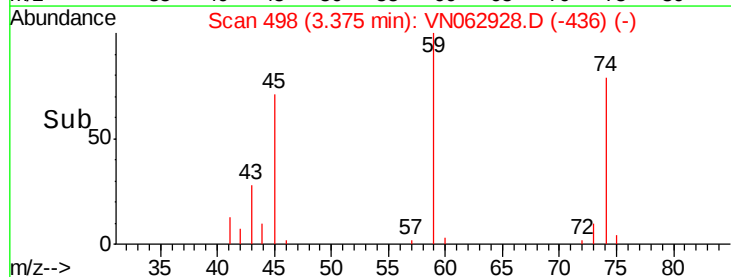
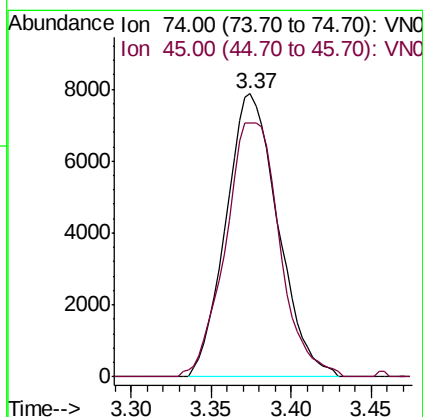
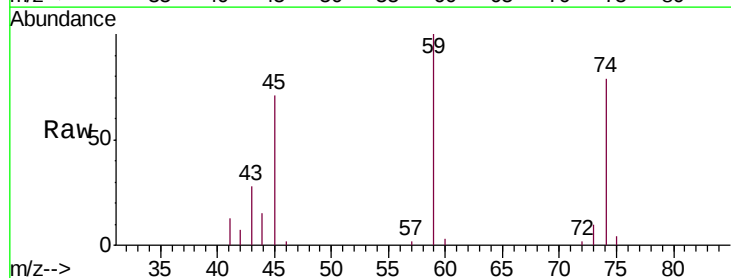
Tgt Ion: 101 Resp: 92025
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.6

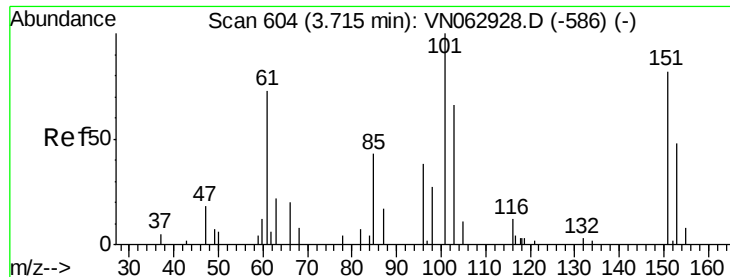


#8

Diethyl Ether
 Concen: 16.121 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

Tgt Ion: 74 Resp: 17555
 Ion Ratio Lower Upper
 74 100
 45 93.3 18.7 167.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.781 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC020

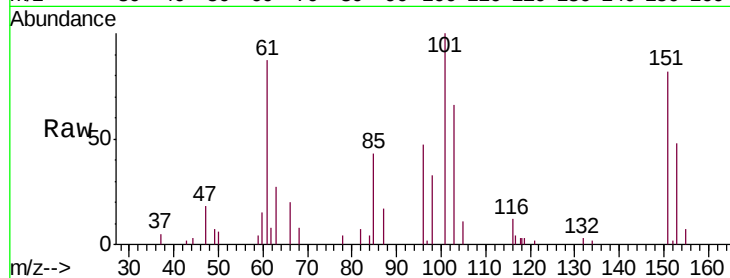
Tgt Ion:101 Resp: 26633

Ion Ratio Lower Upper

101 100

85 46.2 0.0 92.4

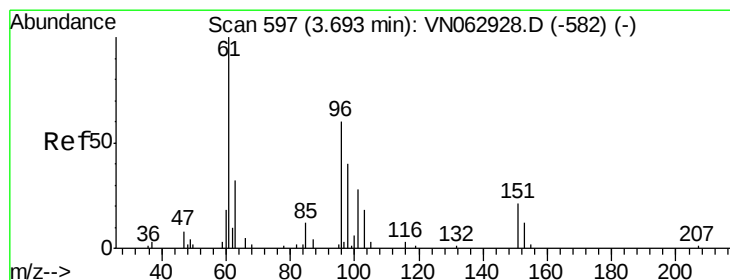
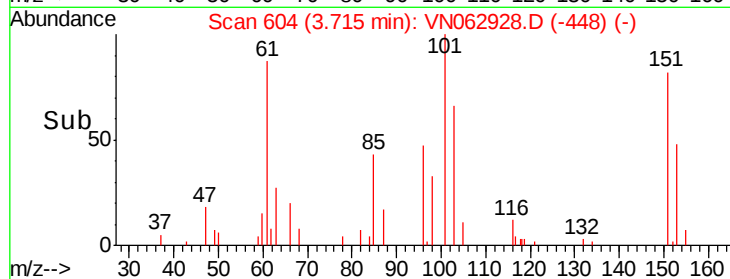
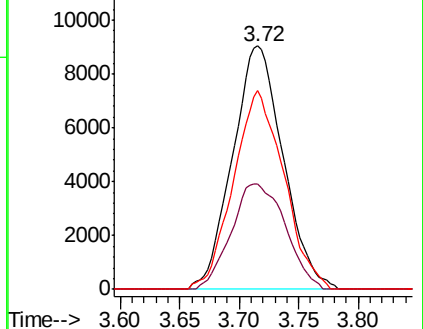
151 81.3 0.0 162.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 16.033 ug/l

RT: 3.69 min Scan# 597

Delta R.T. 0.00 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

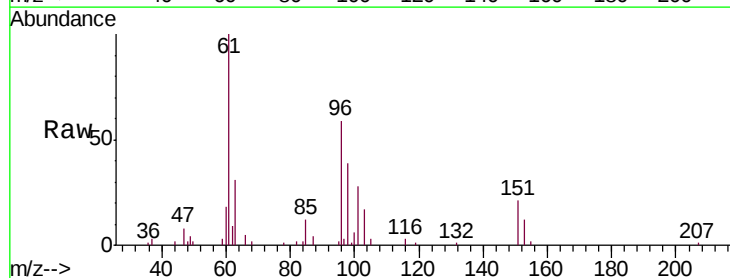
Tgt Ion: 96 Resp: 24021

Ion Ratio Lower Upper

96 100

61 168.1 134.5 201.7

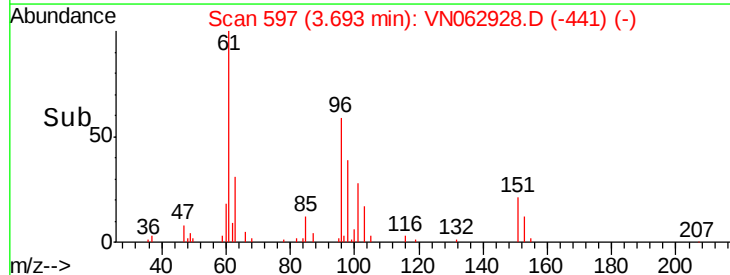
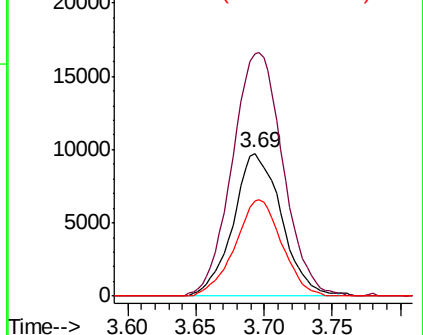
98 66.6 53.3 79.9

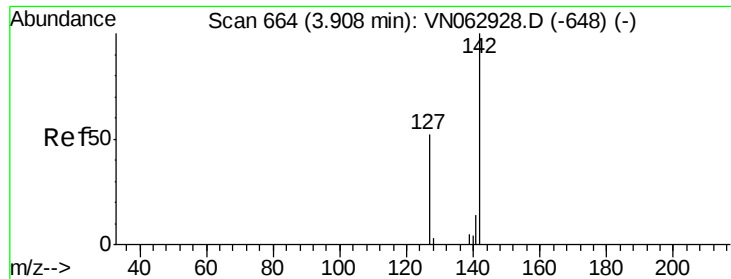


Abundance Ion 96.00 (95.70 to 96.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 98.00 (97.70 to 98.70): V

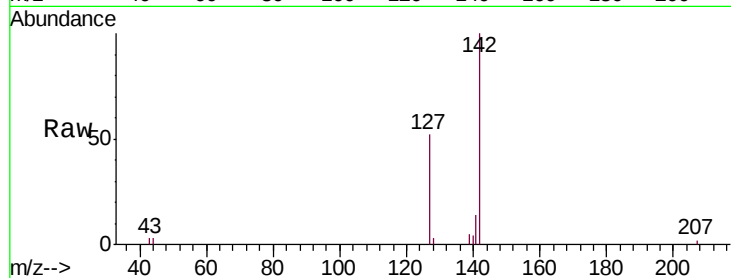




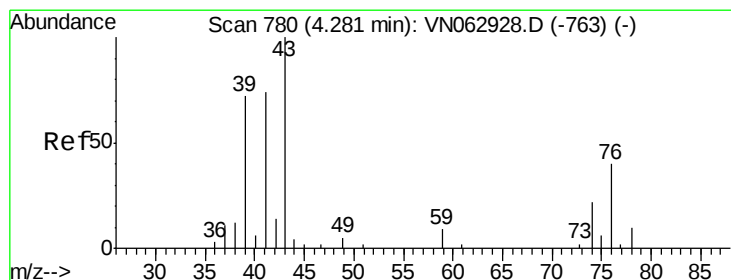
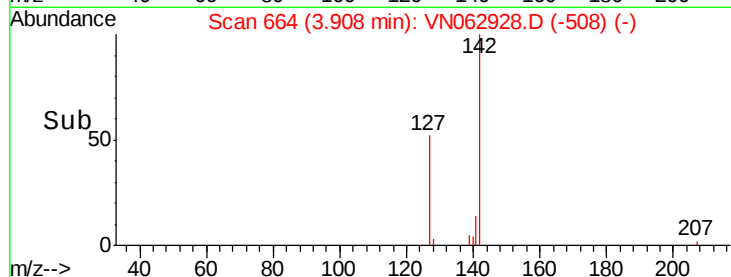
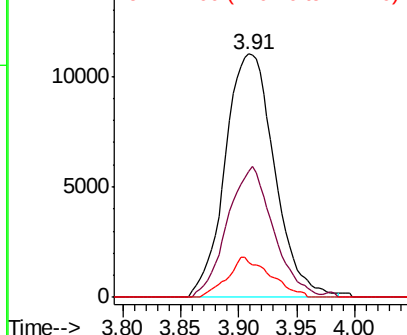
#11
Methyl Iodide
Concen: 17.328 ug/l
RT: 3.91 min Scan# 664
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC020

Tgt Ion:142 Resp: 32494
Ion Ratio Lower Upper
142 100
127 52.2 26.1 78.3
141 14.5 7.2 21.7

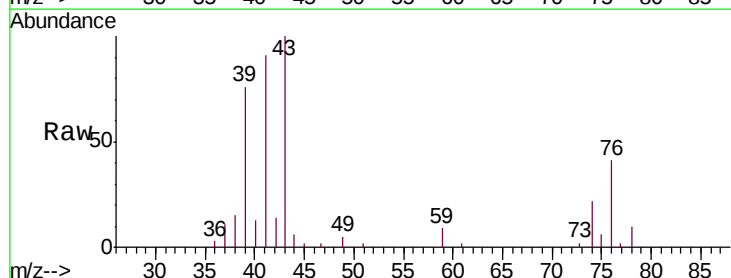


Abundance Ion 142.00 (141.70 to 142.70): V
15000 Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

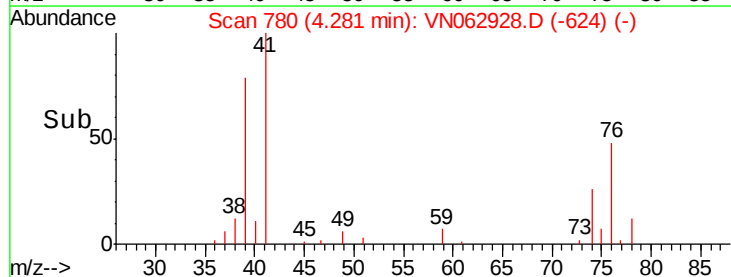
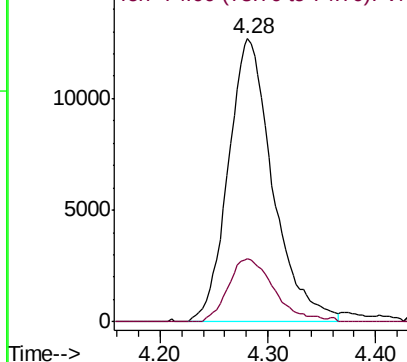


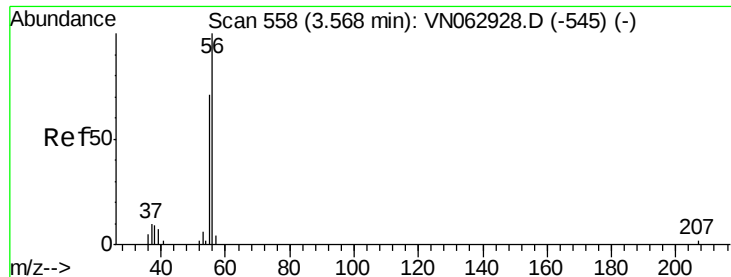
#12
Methyl Acetate
Concen: 17.755 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Tgt Ion: 43 Resp: 36523
Ion Ratio Lower Upper
43 100
74 22.6 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): V
15000 Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 71.901 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

Instrument :

MSVOA_L

ClientSampleId :

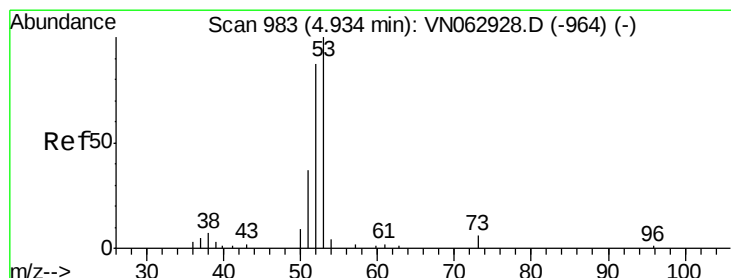
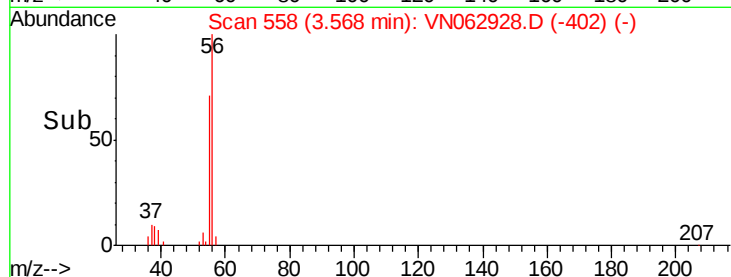
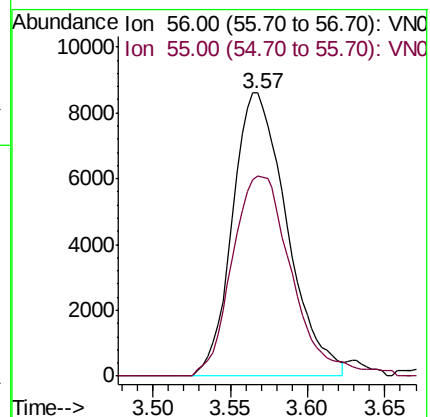
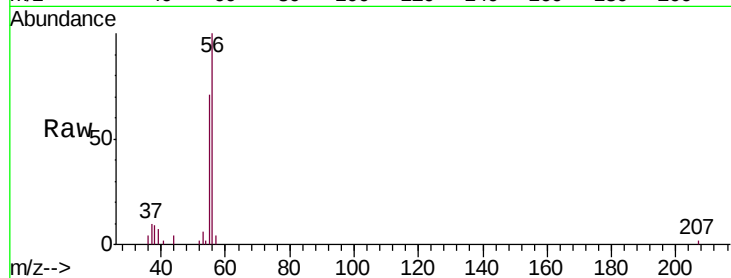
VSTDICCC020

Tgt Ion: 56 Resp: 21008

Ion Ratio Lower Upper

56 100

55 75.3 60.2 90.4



#14

Acrylonitrile

Concen: 82.657 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

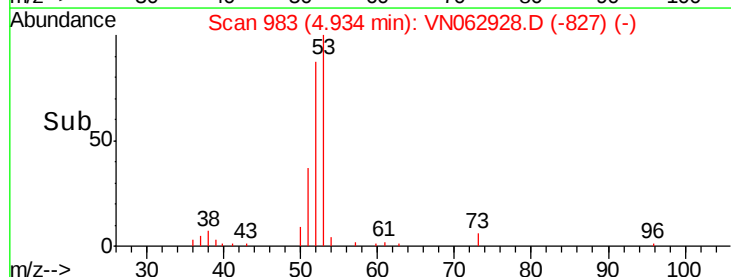
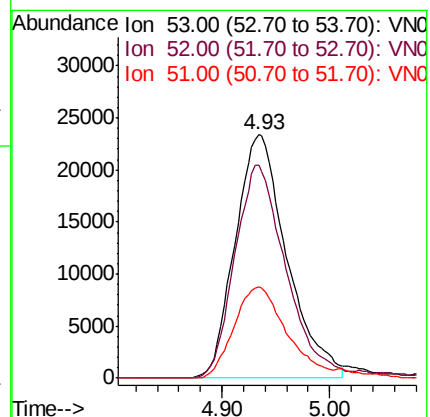
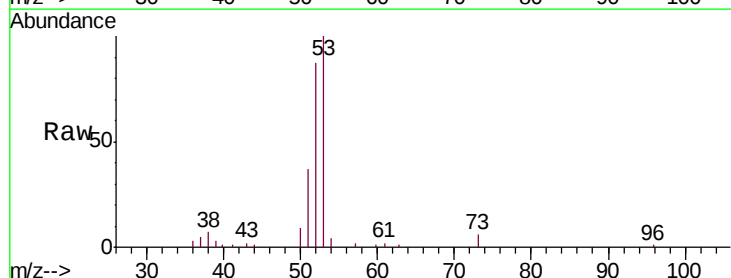
Tgt Ion: 53 Resp: 77899

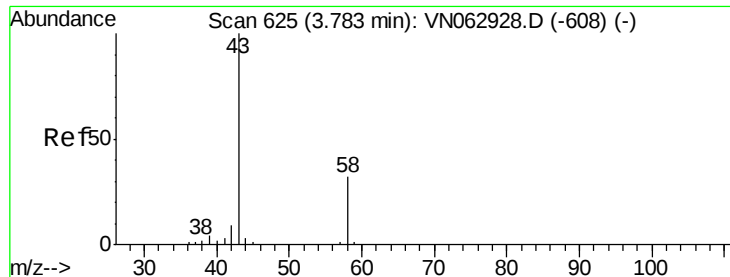
Ion Ratio Lower Upper

53 100

52 86.3 43.1 129.4

51 38.1 19.1 57.1





#15

Acetone

Concen: 40.622 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.01 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

Instrument :

MSVOA_L

ClientSampleId :

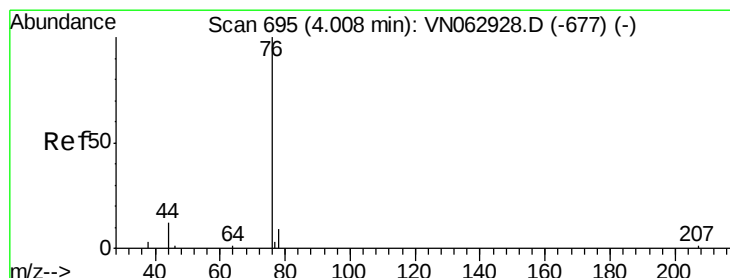
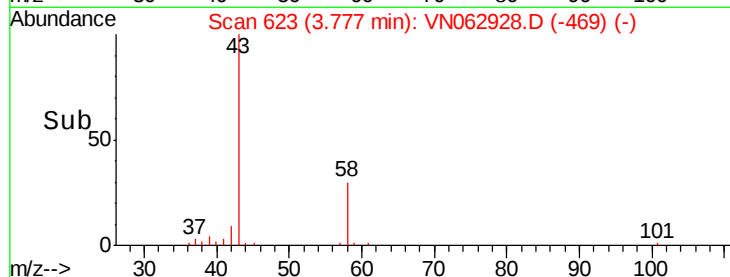
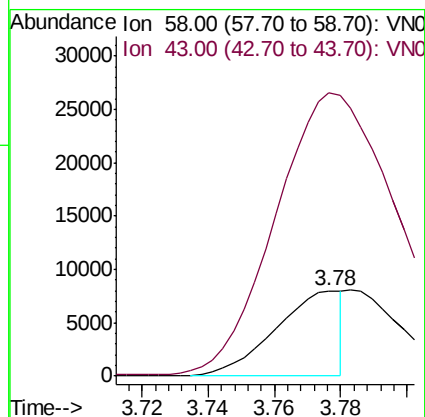
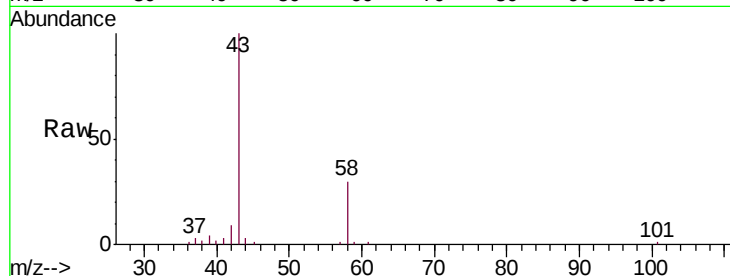
VSTDICCC020

Tgt Ion: 58 Resp: 11142

Ion Ratio Lower Upper

58 100

43 325.1 250.0 375.0



#16

Carbon Disulfide

Concen: 13.576 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062928.D

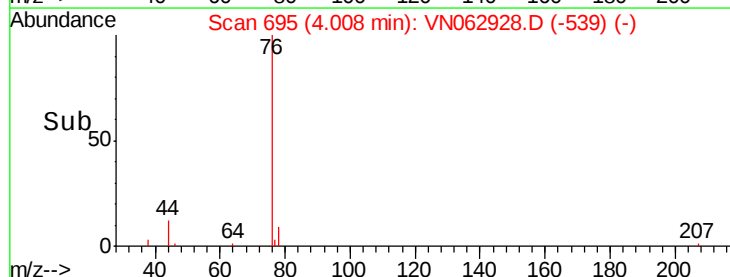
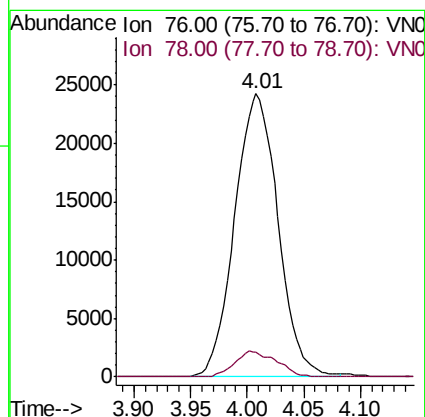
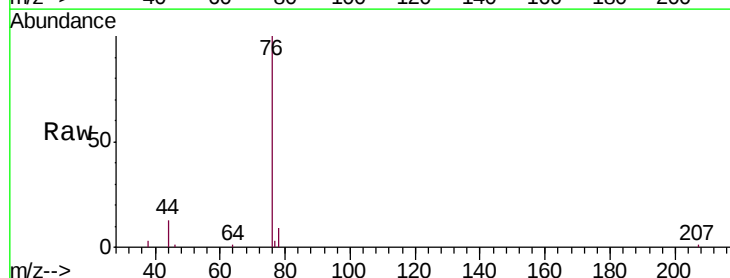
Acq: 13 Aug 2020 22:57

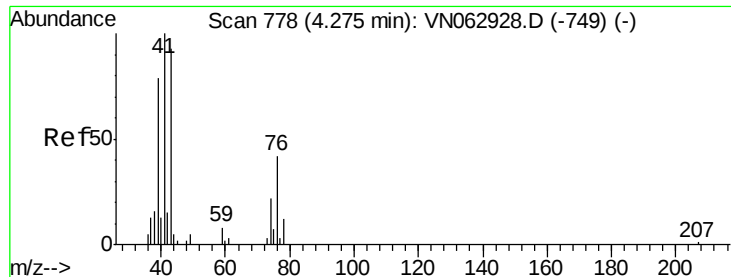
Tgt Ion: 76 Resp: 64617

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6





#17

Allyl chloride

Concen: 12.966 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC020

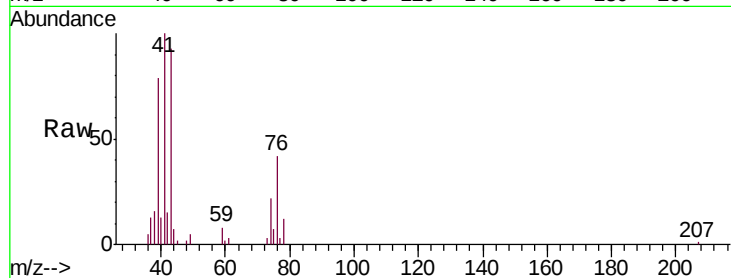
Tgt Ion: 41 Resp: 39401

Ion Ratio Lower Upper

41 100

39 79.1 39.6 118.7

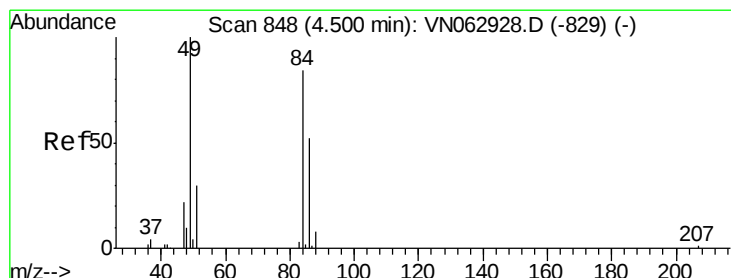
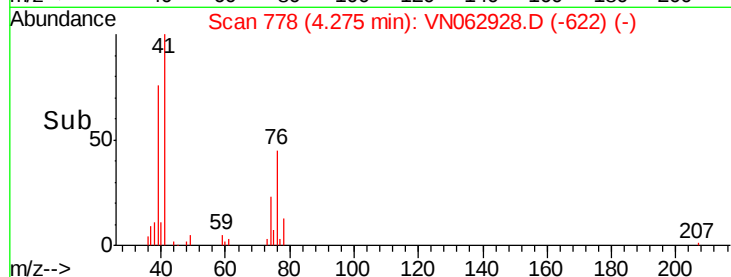
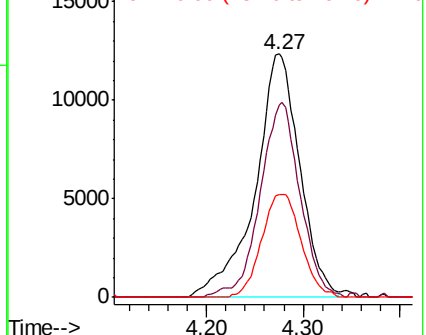
76 42.5 21.3 63.7



Abundance Ion 41.00 (40.70 to 41.70): VN062928.D (-749) (-)

Ion 39.00 (38.70 to 39.70): VN062928.D (-749) (-)

Ion 76.00 (75.70 to 76.70): VN062928.D (-749) (-)



#18

Methylene Chloride

Concen: 16.714 ug/l

RT: 4.50 min Scan# 848

Delta R.T. 0.00 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

Tgt Ion: 84 Resp: 30918

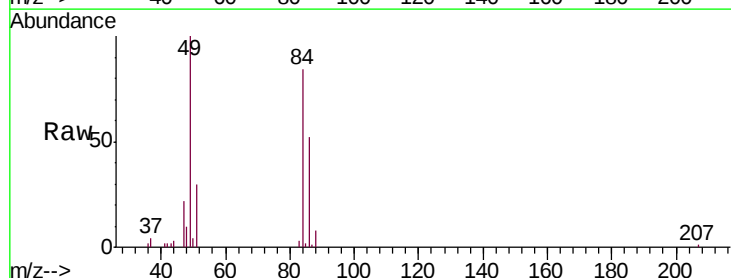
Ion Ratio Lower Upper

84 100

49 118.8 95.0 142.6

51 35.3 28.2 42.4

86 61.5 49.2 73.8

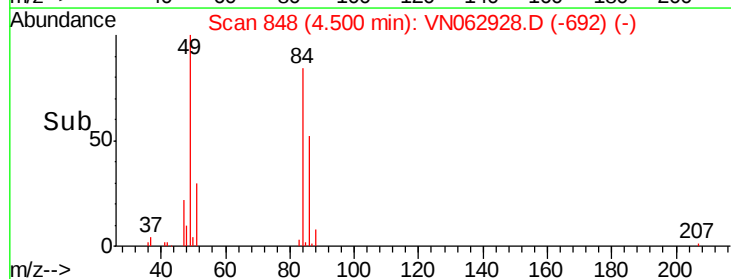
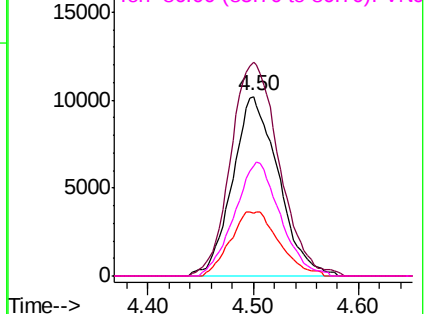


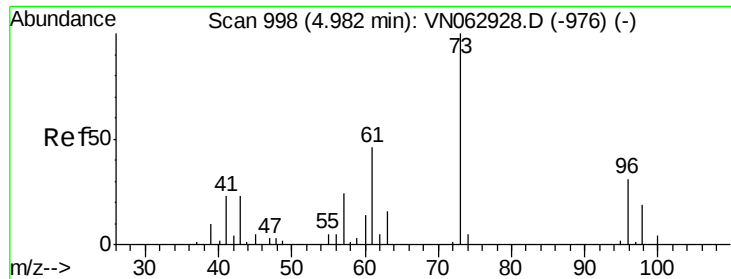
Abundance Ion 84.00 (83.70 to 84.70): VN062928.D (-829) (-)

Ion 49.00 (48.70 to 49.70): VN062928.D (-829) (-)

Ion 51.00 (50.70 to 51.70): VN062928.D (-829) (-)

Ion 86.00 (85.70 to 86.70): VN062928.D (-829) (-)

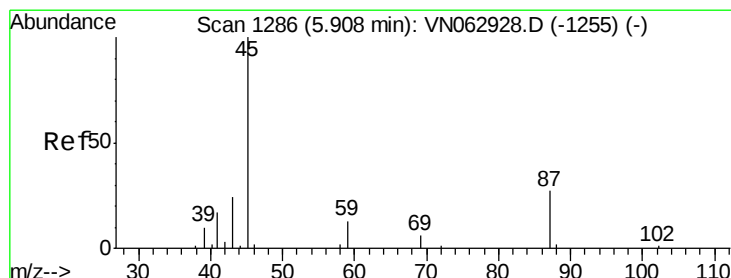
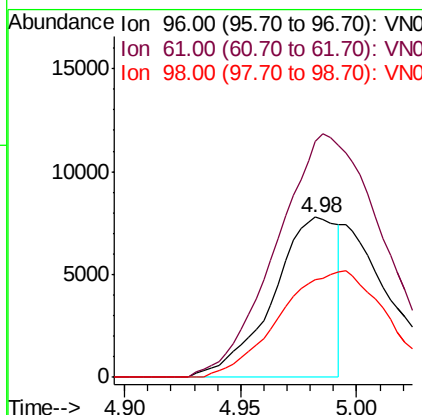
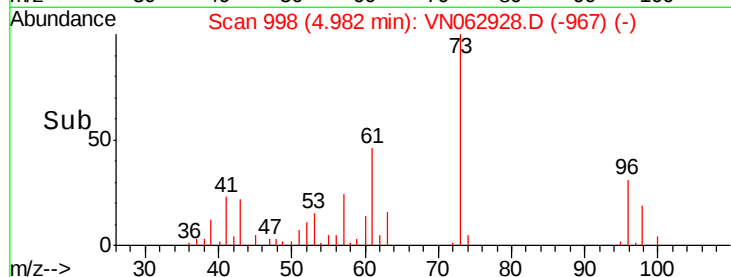
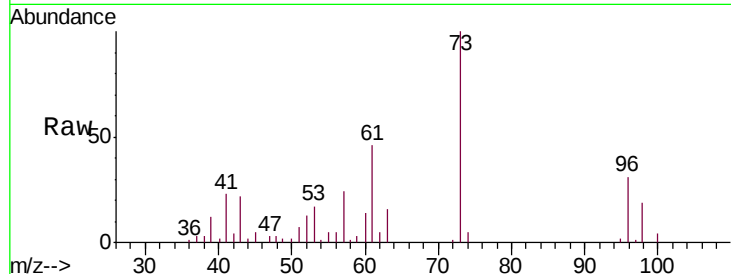




#19
trans-1,2-Dichloroethene
Concen: 9.073 ug/l
RT: 4.98 min Scan# 998
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

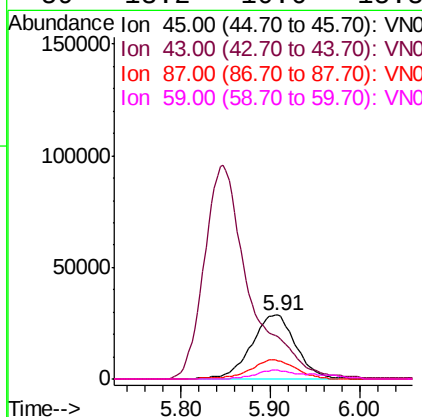
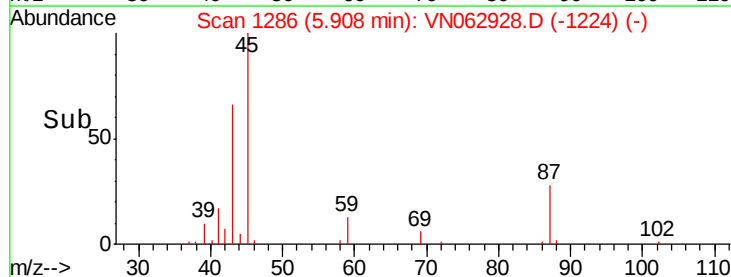
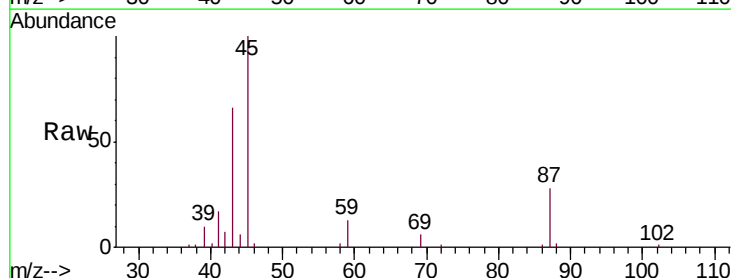
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC020

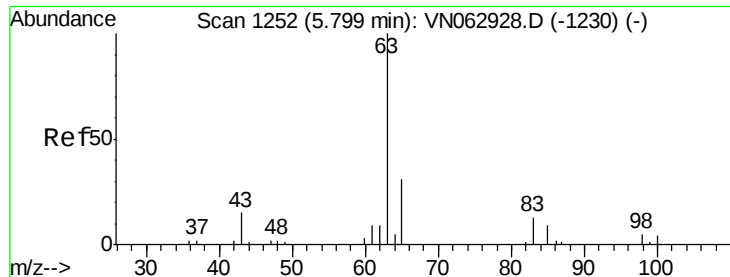
Tgt Ion: 96 Resp: 15019
Ion Ratio Lower Upper
96 100
61 147.5 118.0 177.0
98 60.9 48.7 73.1



#20
Diisopropyl ether
Concen: 15.329 ug/l
RT: 5.91 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Tgt Ion: 45 Resp: 99136
Ion Ratio Lower Upper
45 100
43 60.7 48.6 72.8
87 28.3 22.6 34.0
59 13.2 10.6 15.8





#21

1,1-Dichloroethane

Concen: 16.857 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC020

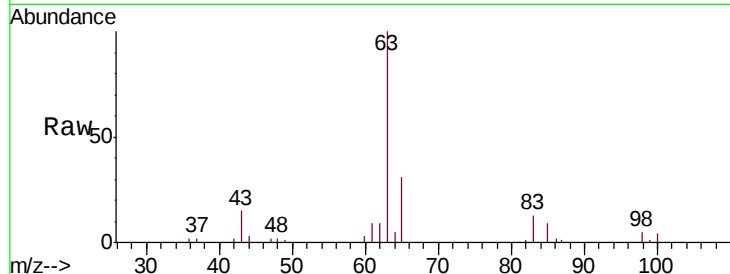
Tgt Ion: 63 Resp: 58809

Ion Ratio Lower Upper

63 100

98 5.2 2.6 7.8

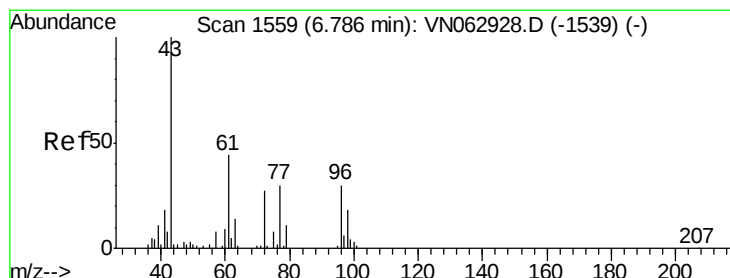
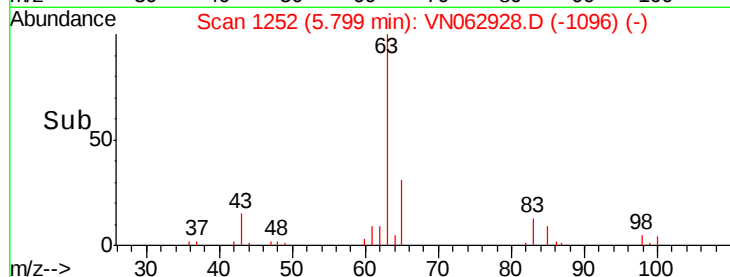
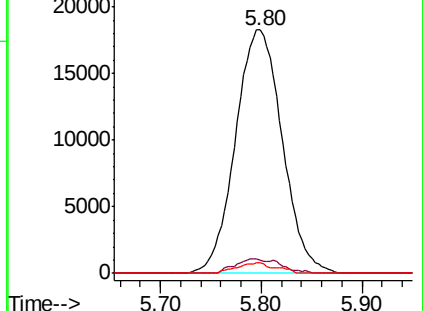
100 4.3 2.1 6.5



Abundance Ion 63.00 (62.70 to 63.70): VN062928.D (-1230) (-)

Ion 98.00 (97.70 to 98.70): VN062928.D (-1230) (-)

Ion 100.00 (99.70 to 100.70): VN062928.D (-1230) (-)



#22

cis-1,2-Dichloroethene

Concen: 17.020 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

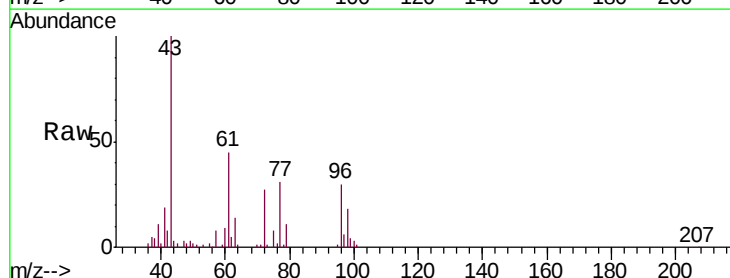
Tgt Ion: 96 Resp: 32192

Ion Ratio Lower Upper

96 100

61 156.1 124.9 187.3

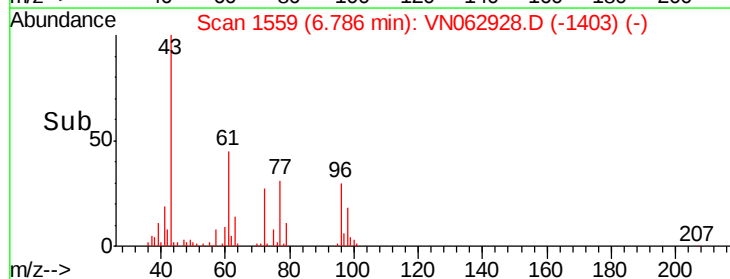
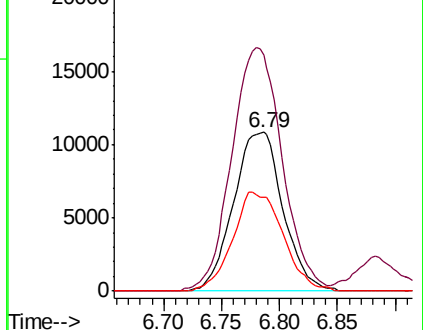
98 34.7 27.8 41.6

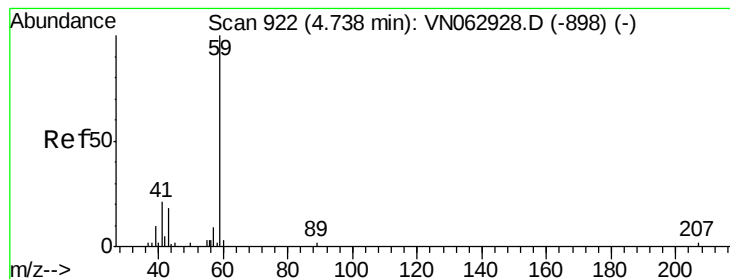


Abundance Ion 96.00 (95.70 to 96.70): VN062928.D (-1539) (-)

Ion 61.00 (60.70 to 61.70): VN062928.D (-1539) (-)

Ion 98.00 (97.70 to 98.70): VN062928.D (-1539) (-)





#23

tert-Butyl Alcohol

Concen: 105.068 ug/l

RT: 4.74 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

Instrument :

MSVOA_L

ClientSampleId :

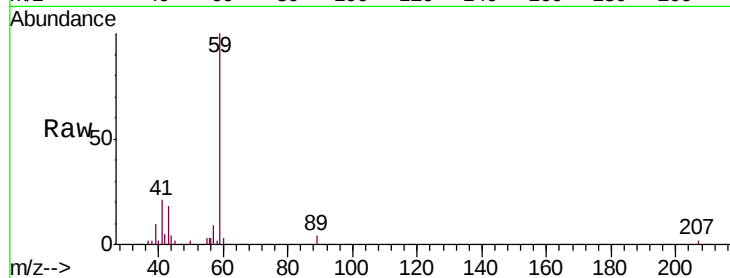
VSTDICCC020

Tgt Ion: 59 Resp: 34711

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN062928.D (-898) (-)

Ion 52.00 (51.70 to 52.70): VN062928.D (-898) (-)

15000

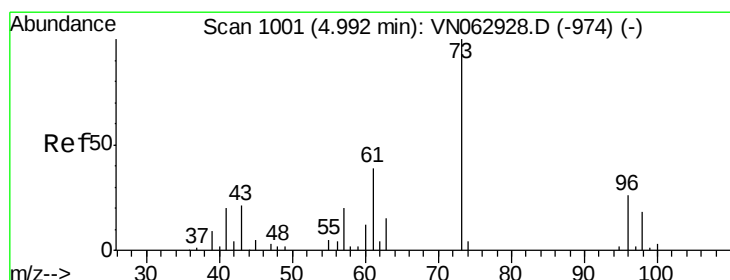
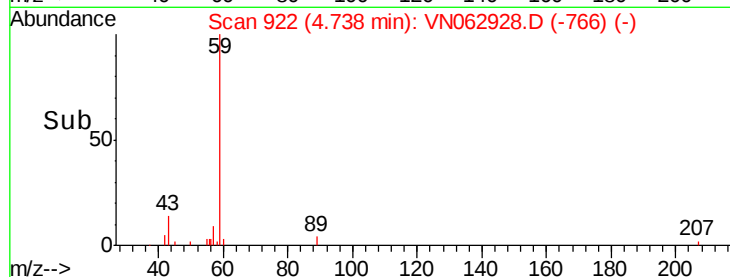
10000

5000

0

4.60 4.70 4.80

Time-->



#24

Methyl tert-Butyl Ether

Concen: 18.455 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN062928.D

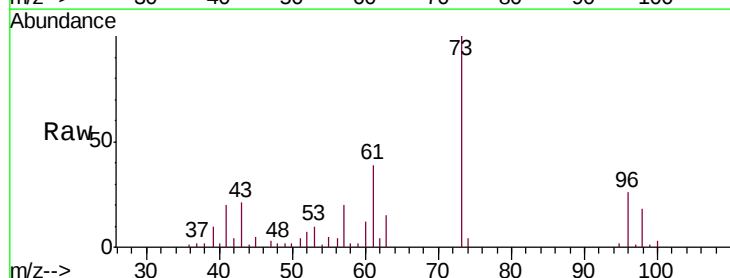
Acq: 13 Aug 2020 22:57

Tgt Ion: 73 Resp: 104917

Ion Ratio Lower Upper

73 100

43 21.6 17.3 25.9



Abundance Ion 73.00 (72.70 to 73.70): VN062928.D (-974) (-)

Ion 43.00 (42.70 to 43.70): VN062928.D (-974) (-)

30000

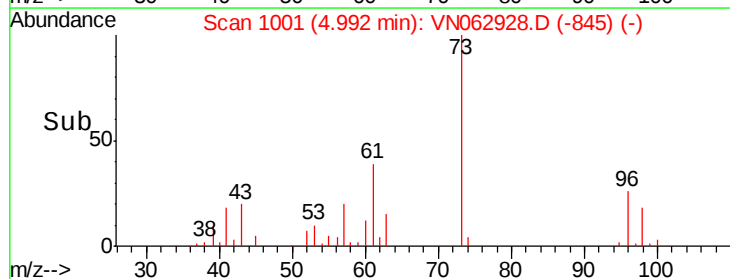
20000

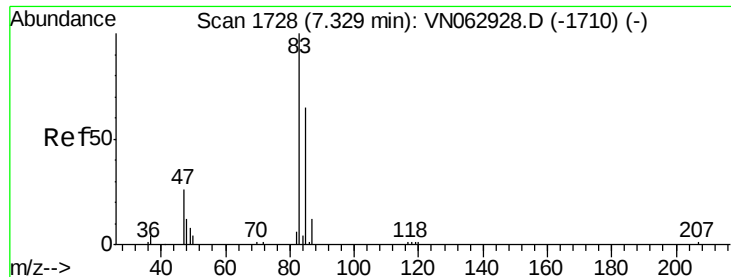
10000

0

4.90 5.00 5.10

Time-->

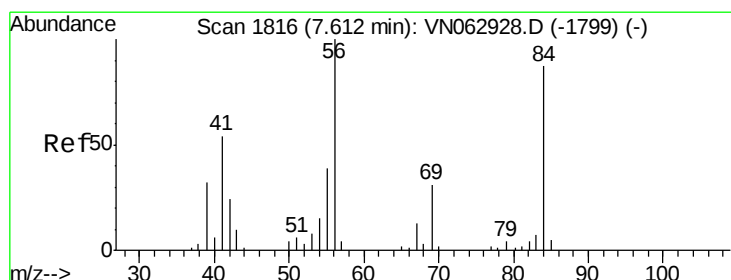
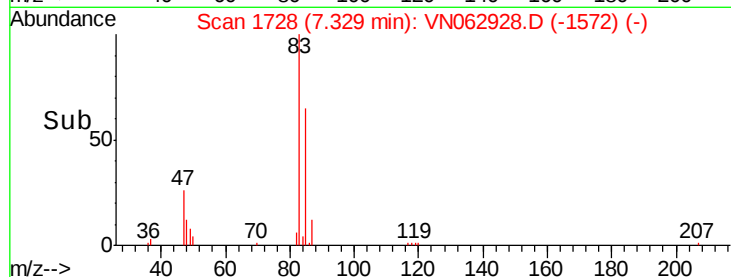
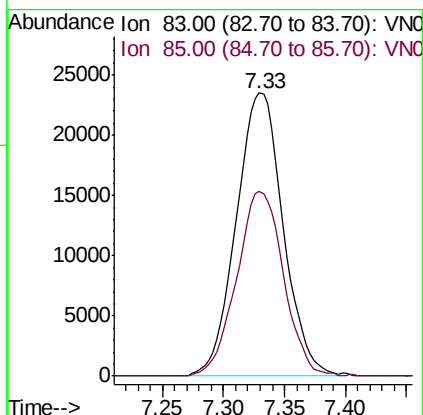
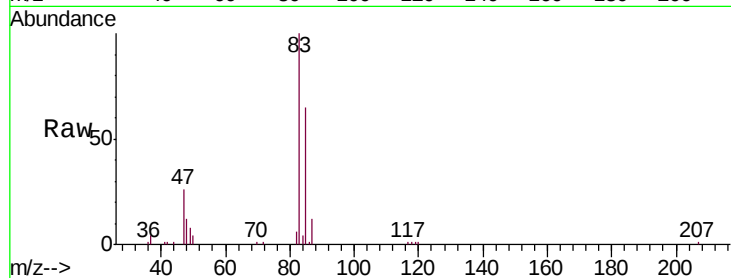




#25
Chloroform
Concen: 19.031 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

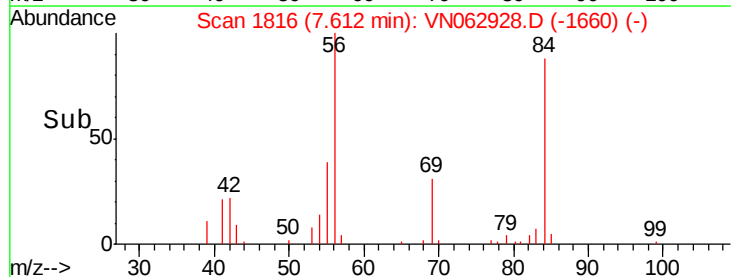
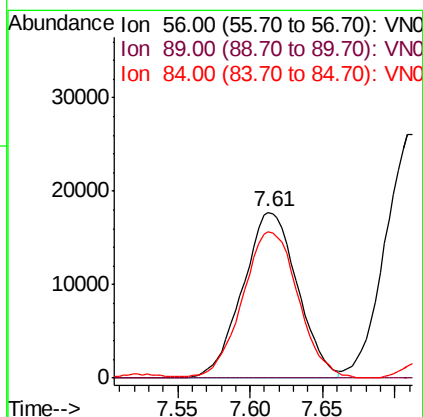
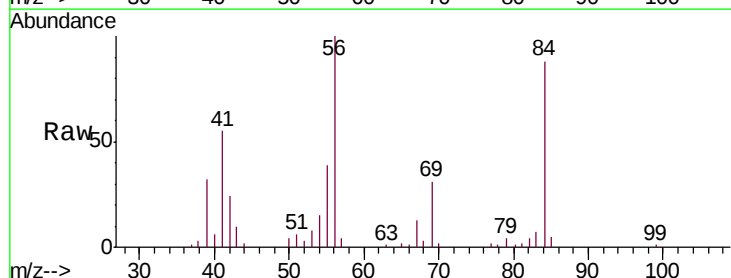
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC020

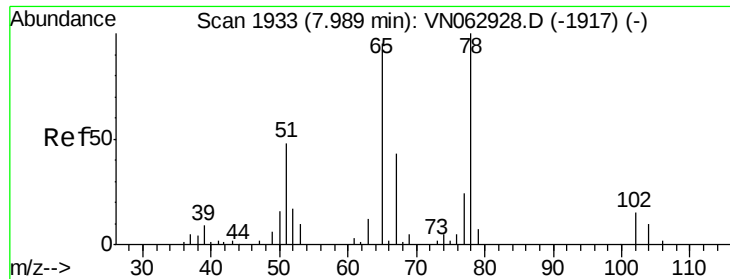
Tgt Ion: 83 Resp: 62621
Ion Ratio Lower Upper
83 100
85 65.4 52.3 78.5



#26
Cyclohexane
Concen: 15.408 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Tgt Ion: 56 Resp: 46729
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.9 71.9 107.9

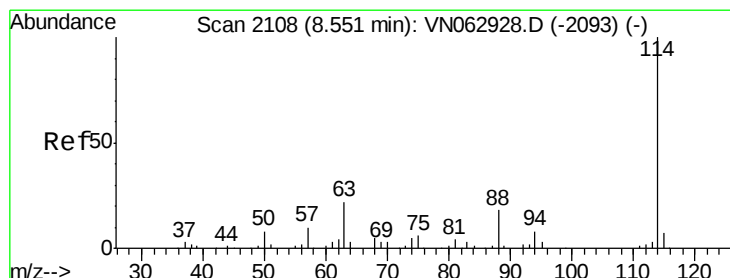
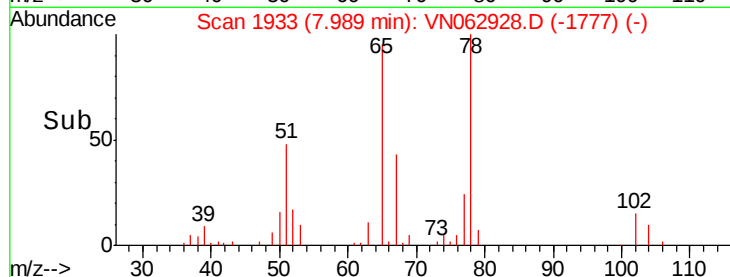
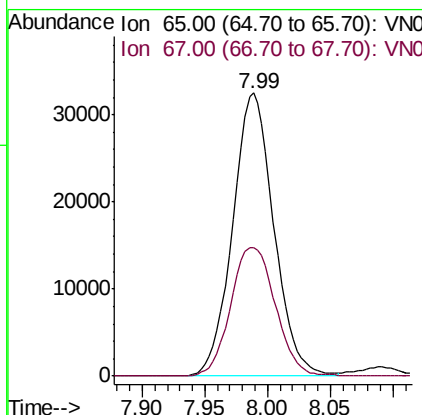
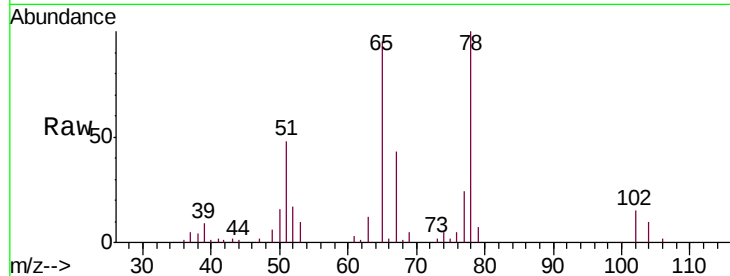




#27
 1,2-Dichloroethane-d4
 Concen: 31.433 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

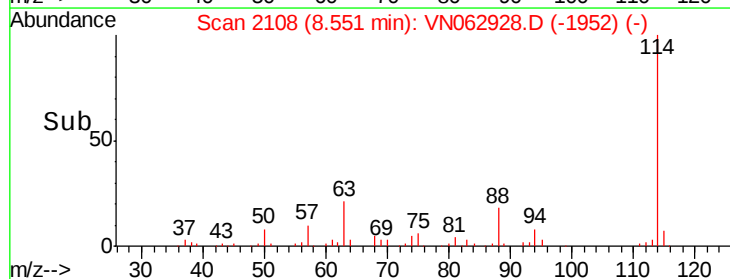
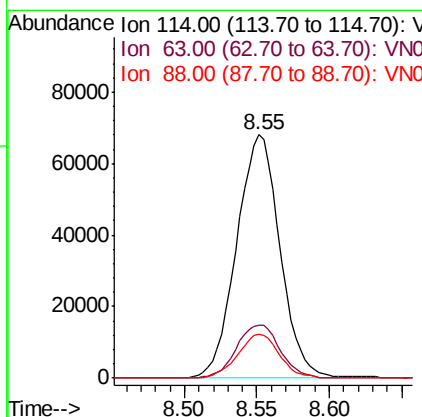
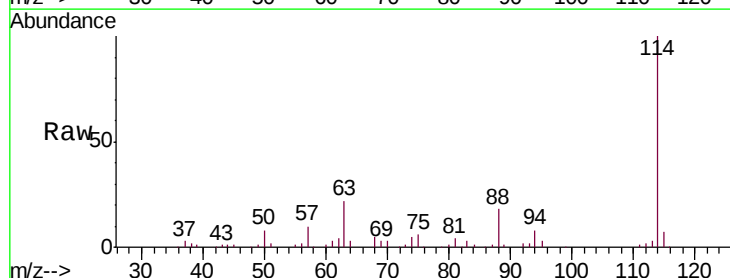
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC020

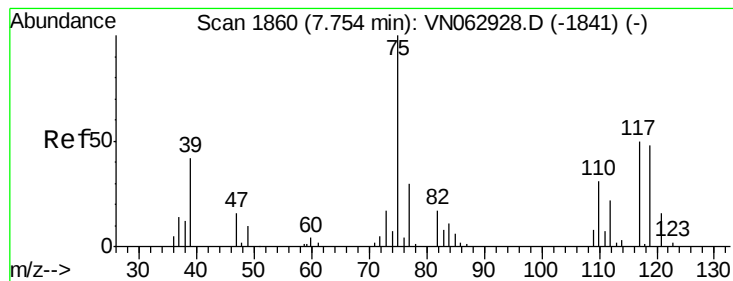
Tgt Ion: 65 Resp: 74210
 Ion Ratio Lower Upper
 65 100
 67 49.4 39.5 59.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

Tgt Ion: 114 Resp: 141223
 Ion Ratio Lower Upper
 114 100
 63 22.1 17.7 26.5
 88 17.4 13.9 20.9





#29

1,1-Dichloropropene

Concen: 17.489 ug/l

RT: 7.75 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC020

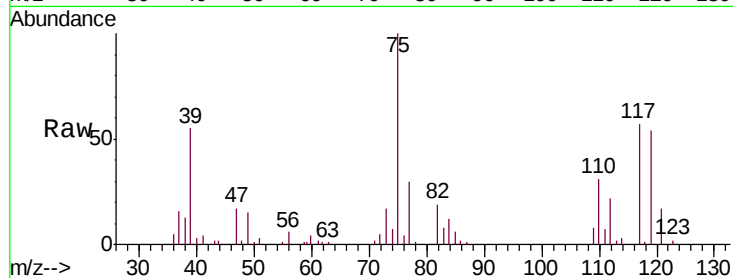
Tgt Ion: 75 Resp: 40805

Ion Ratio Lower Upper

75 100

110 32.9 0.0 65.8

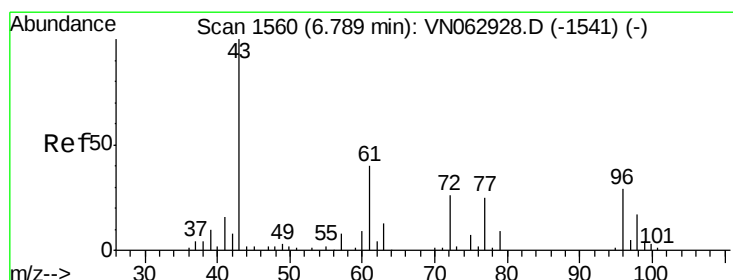
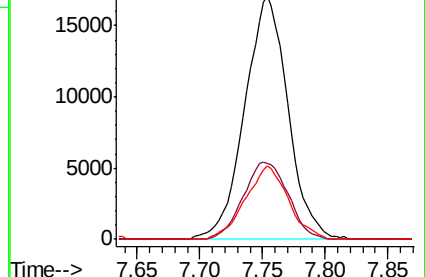
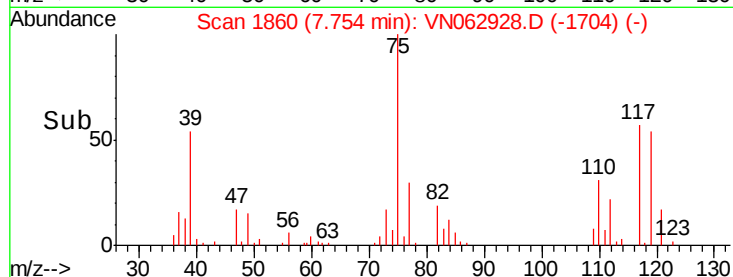
77 29.9 0.0 59.8



Abundance Ion 75.00 (74.70 to 75.70): VN062928.D (-1841) (-)

Ion 110.00 (109.70 to 110.70): VN062928.D (-1841) (-)

Ion 77.00 (76.70 to 77.70): VN062928.D (-1841) (-)



#30

2-Butanone

Concen: 86.004 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

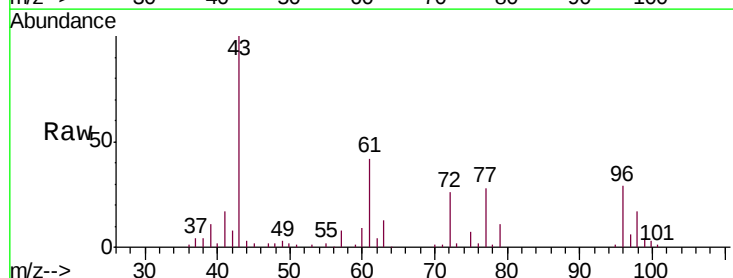
Tgt Ion: 43 Resp: 103847

Ion Ratio Lower Upper

43 100

57 8.8 7.0 10.6

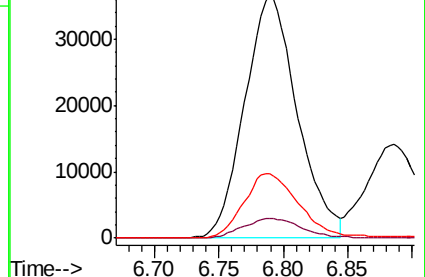
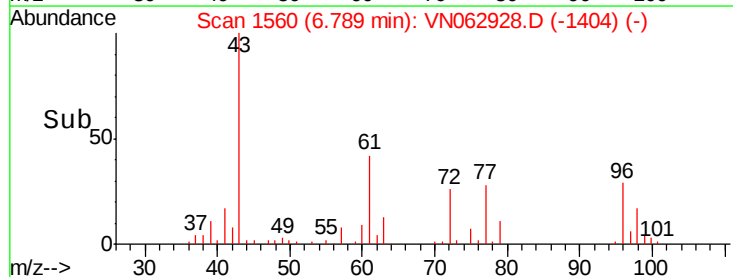
72 27.5 22.0 33.0

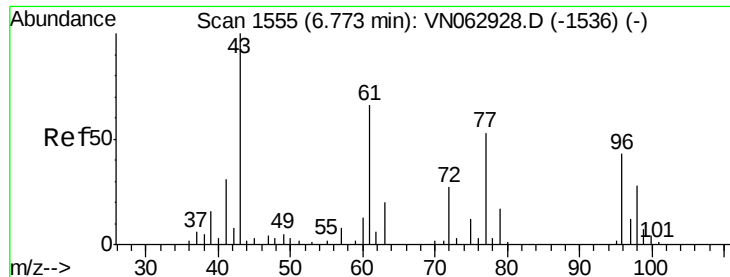


Abundance Ion 43.00 (42.70 to 43.70): VN062928.D (-1541) (-)

Ion 57.00 (56.70 to 57.70): VN062928.D (-1541) (-)

Ion 72.00 (71.70 to 72.70): VN062928.D (-1541) (-)

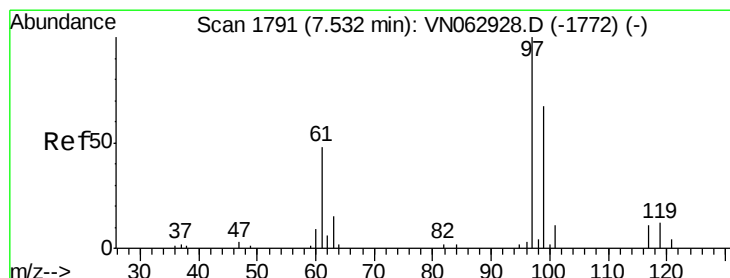
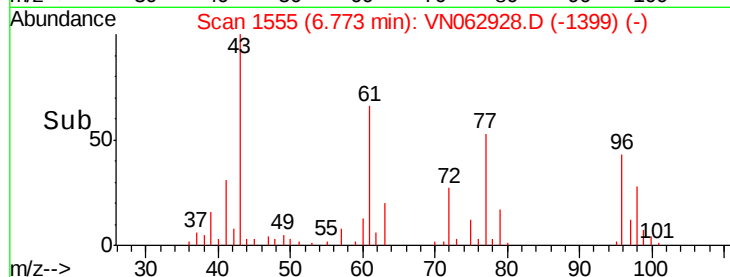
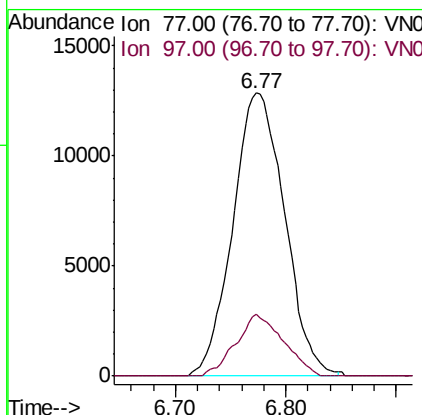
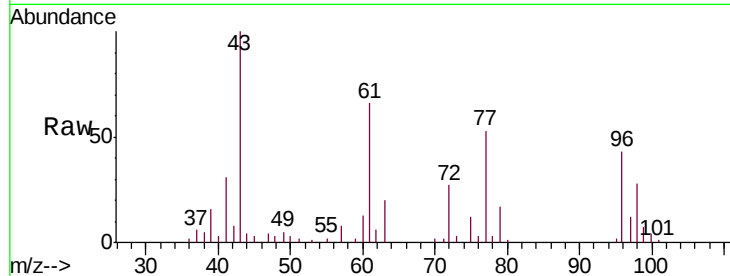




#31
 2,2-Dichloropropane
 Concen: 16.249 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

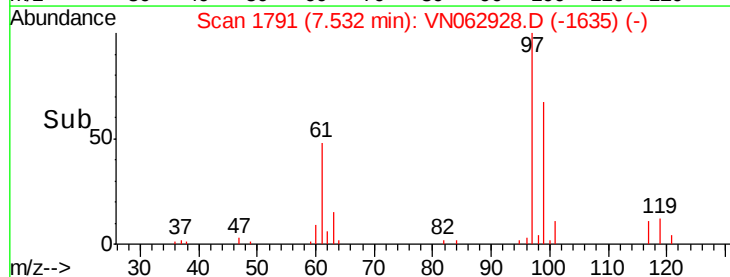
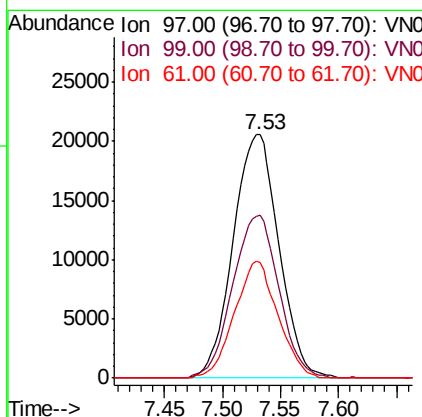
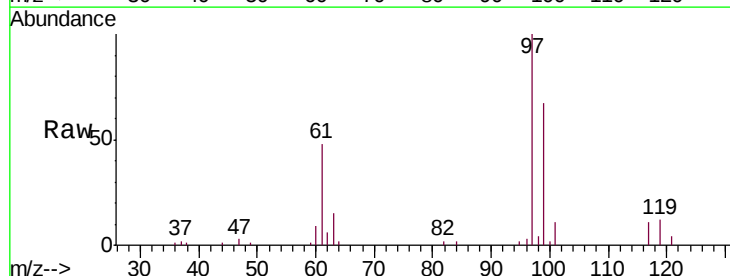
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC020

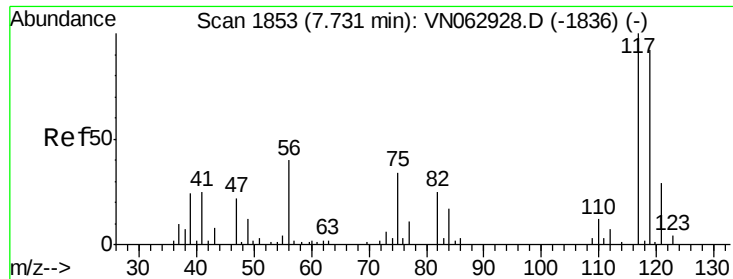
Tgt Ion: 77 Resp: 41820
 Ion Ratio Lower Upper
 77 100
 97 20.1 16.1 24.1



#32
 1,1,1-Trichloroethane
 Concen: 21.496 ug/l
 RT: 7.53 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

Tgt Ion: 97 Resp: 56424
 Ion Ratio Lower Upper
 97 100
 99 67.3 53.8 80.8
 61 45.4 36.3 54.5

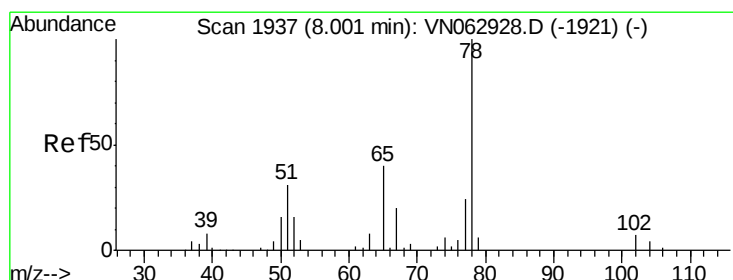
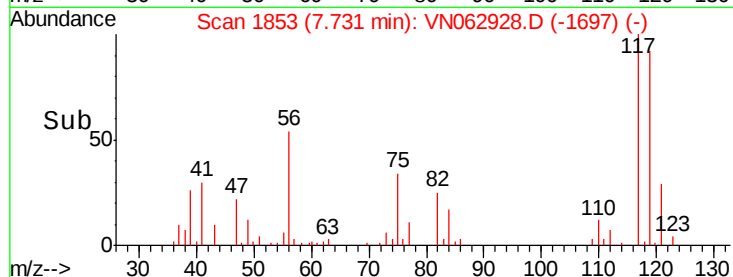
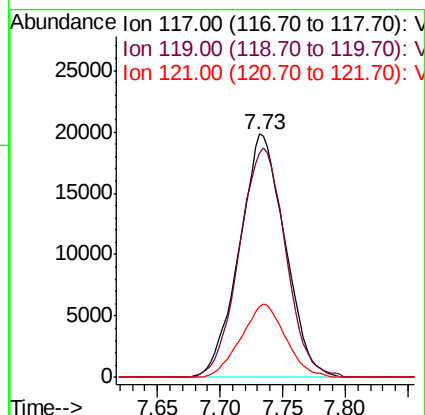
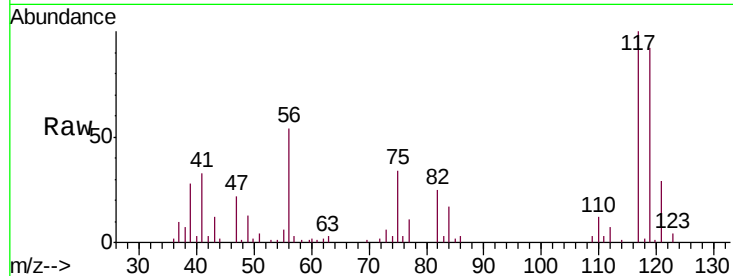




#33
Carbon Tetrachloride
Concen: 21.897 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

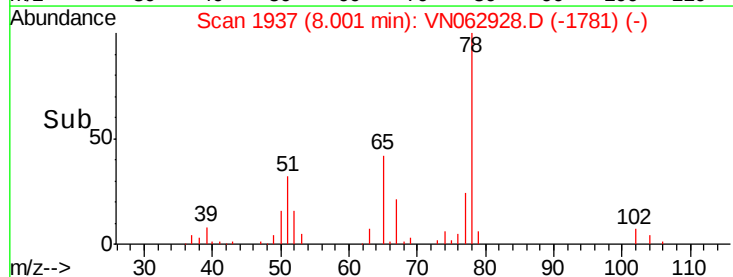
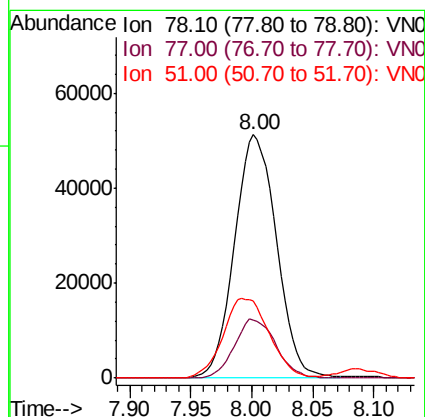
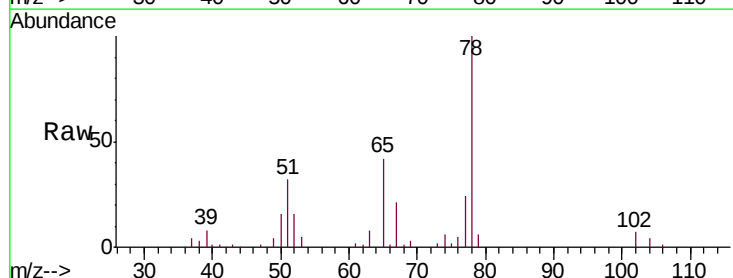
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC020

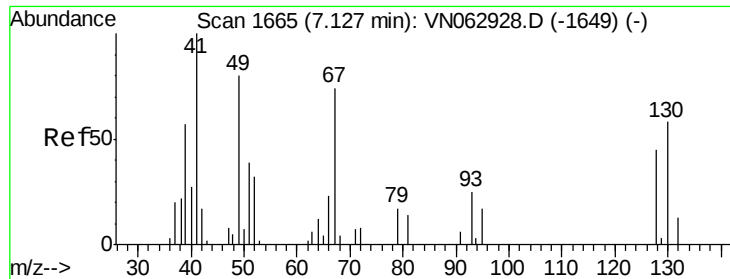
Tgt Ion: 117 Resp: 50165
Ion Ratio Lower Upper
117 100
119 92.4 73.9 110.9
121 29.0 23.2 34.8



#34
Benzene
Concen: 17.694 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Tgt Ion: 78 Resp: 122441
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9
51 31.1 24.9 37.3

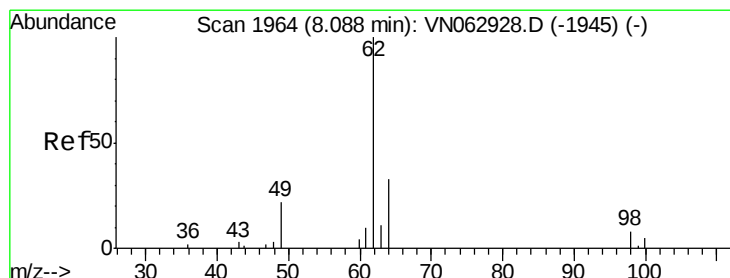
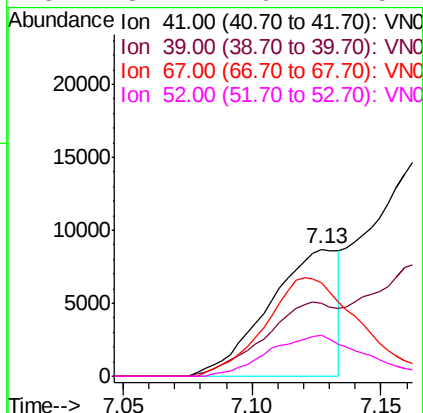
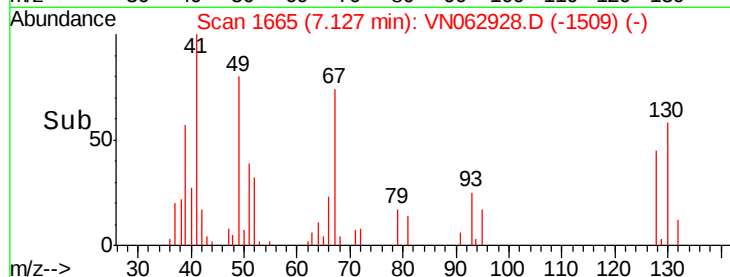
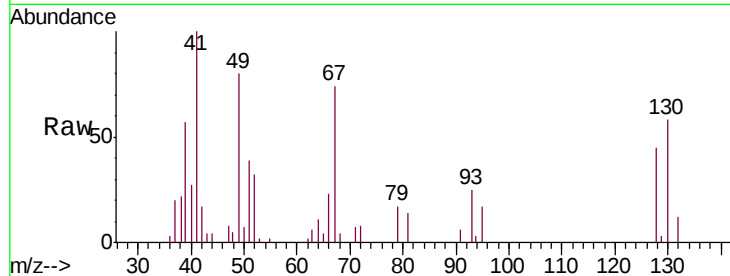




#35
Methacrylonitrile
Concen: 15.633 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

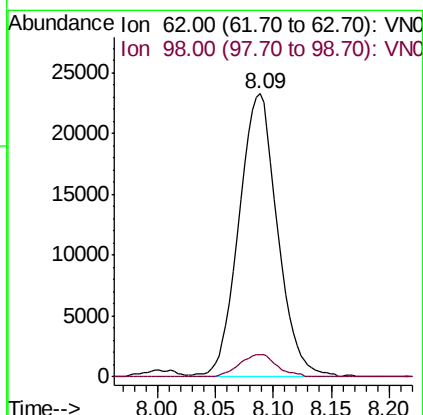
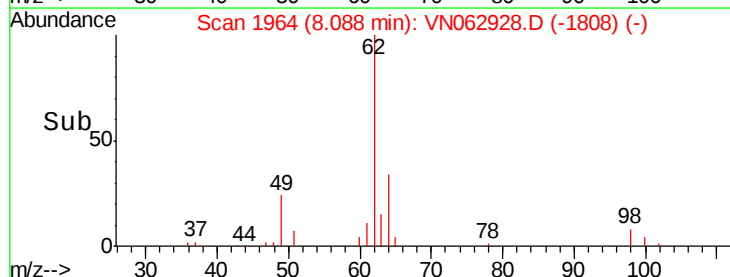
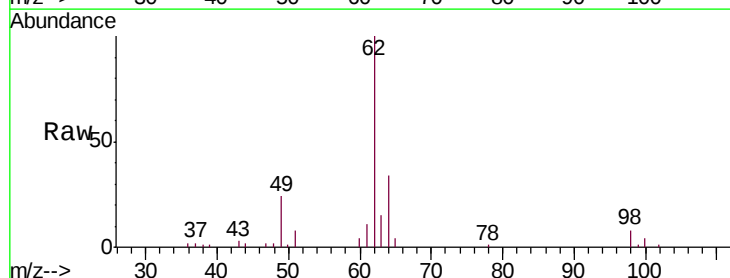
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC020

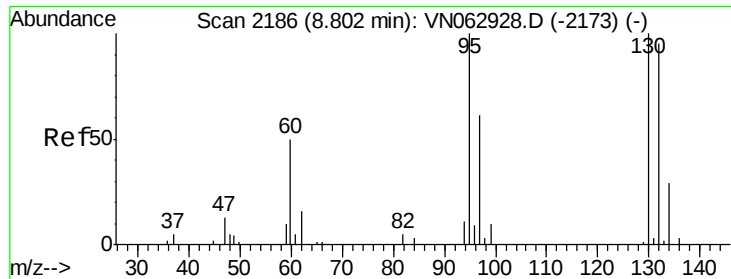
Tgt Ion:	41	Resp:	16386
Ion	Ratio	Lower	Upper
41	100		
39	57.5	28.7	86.3
67	73.5	36.8	110.3
52	32.1	16.1	48.2



#36
1,2-Dichloroethane
Concen: 20.805 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Tgt Ion:	62	Resp:	53906
Ion	Ratio	Lower	Upper
62	100		
98	7.6	6.1	9.1

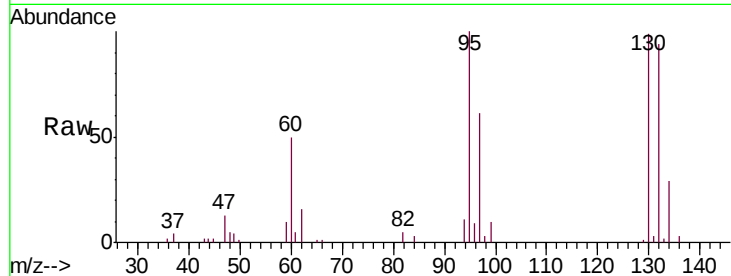




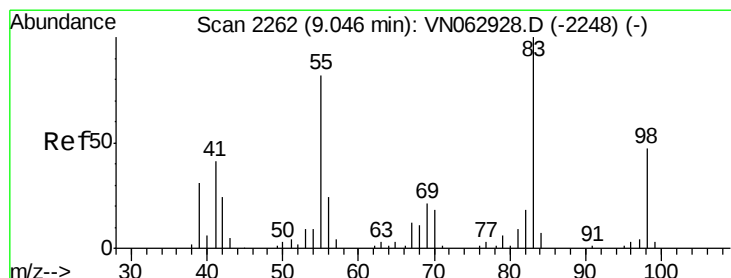
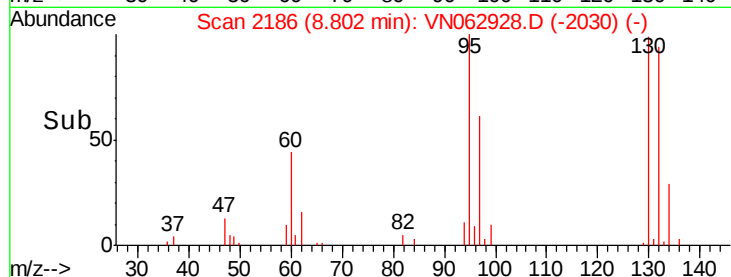
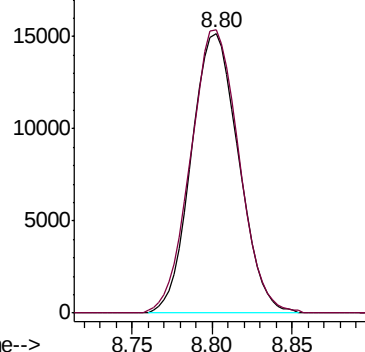
#37
 Trichloroethene
 Concen: 19.313 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 130 Resp: 30664
 Ion Ratio Lower Upper
 130 100
 95 100.1 80.1 120.1

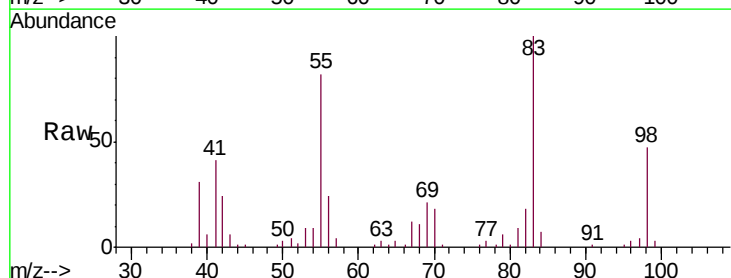


Abundance Ion 129.90 (129.60 to 130.60): VN062928.D (-2173) (-)
 Ion 94.90 (94.60 to 95.60): VN062928.D (-2173) (-)

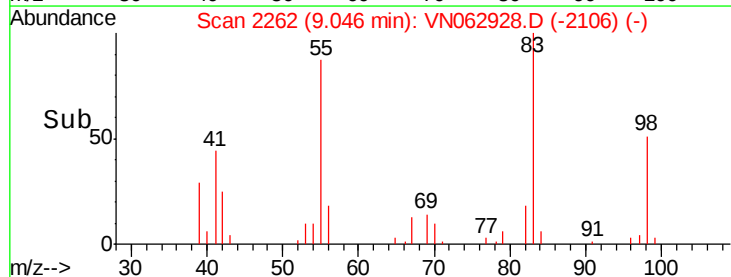
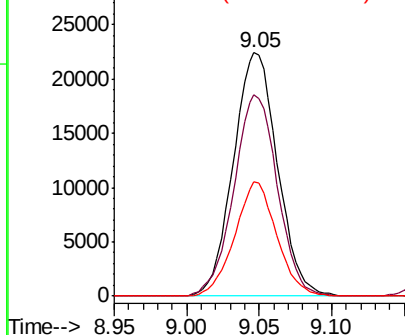


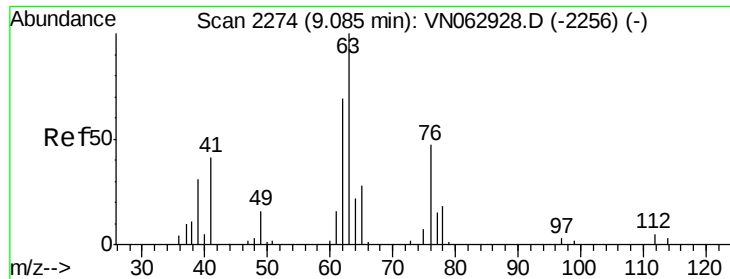
#38
 Methylcyclohexane
 Concen: 17.971 ug/l
 RT: 9.05 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

Tgt Ion: 83 Resp: 47478
 Ion Ratio Lower Upper
 83 100
 55 81.7 40.8 122.5
 98 44.5 22.3 66.8



Abundance Ion 83.00 (82.70 to 83.70): VN062928.D (-2248) (-)
 Ion 55.00 (54.70 to 55.70): VN062928.D (-2248) (-)
 Ion 98.00 (97.70 to 98.70): VN062928.D (-2248) (-)

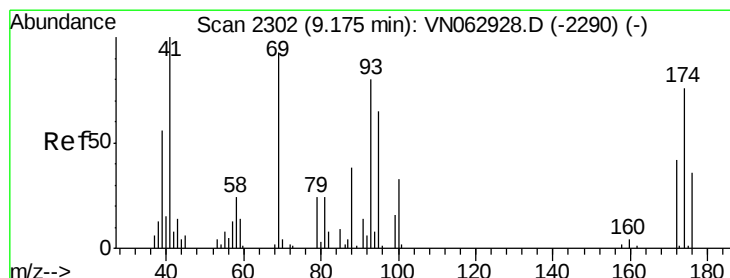
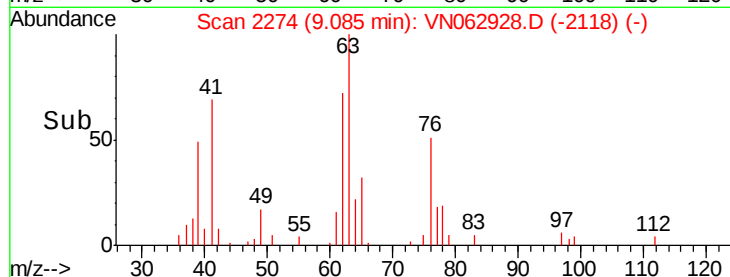
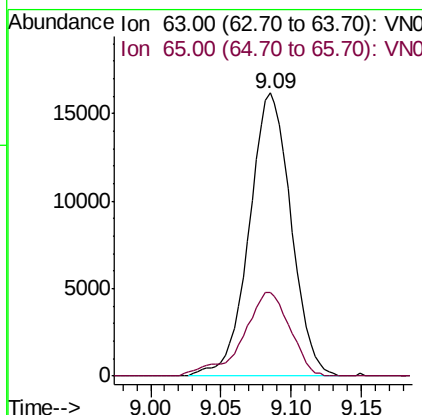
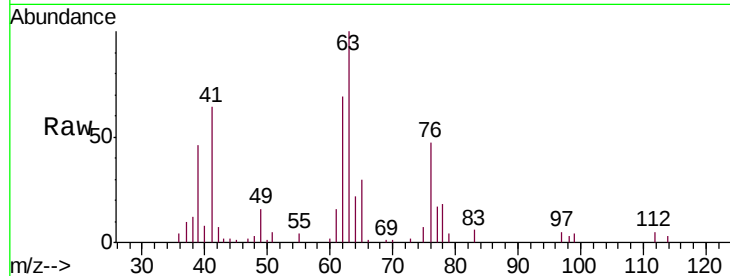




#39
 1,2-Dichloropropane
 Concen: 17.151 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

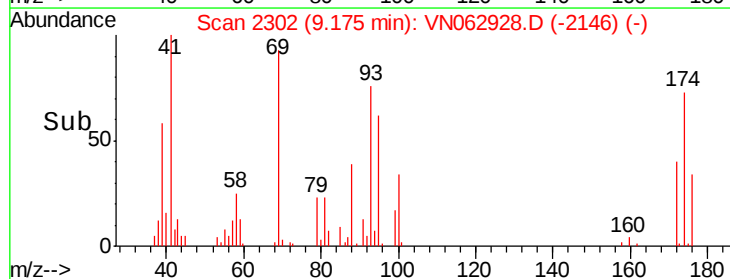
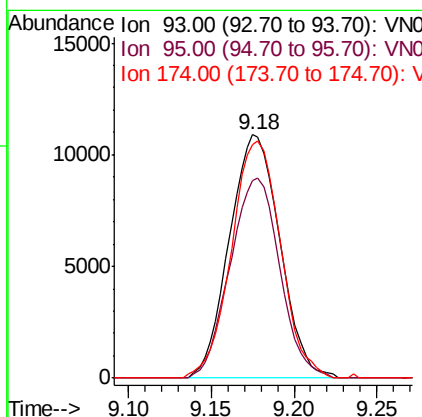
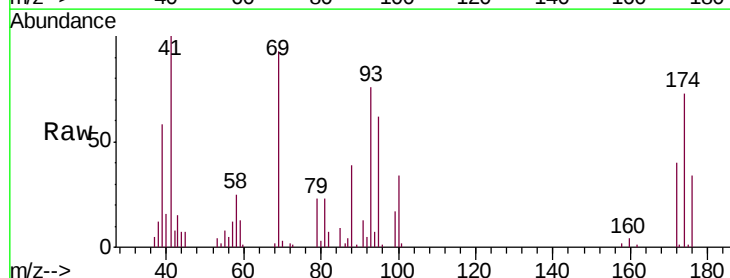
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC020

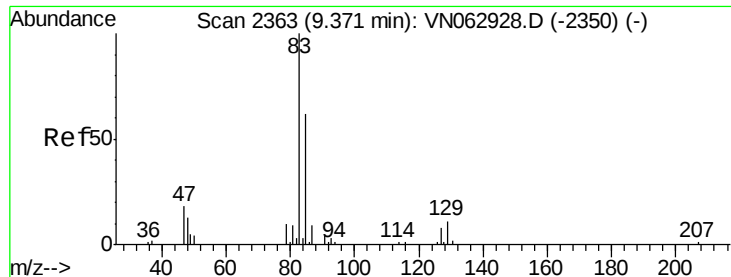
Tgt Ion: 63 Resp: 33560
 Ion Ratio Lower Upper
 63 100
 65 29.7 23.8 35.6



#40
 Dibromomethane
 Concen: 19.814 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

Tgt Ion: 93 Resp: 23082
 Ion Ratio Lower Upper
 93 100
 95 80.9 0.0 161.8
 174 95.0 0.0 190.0

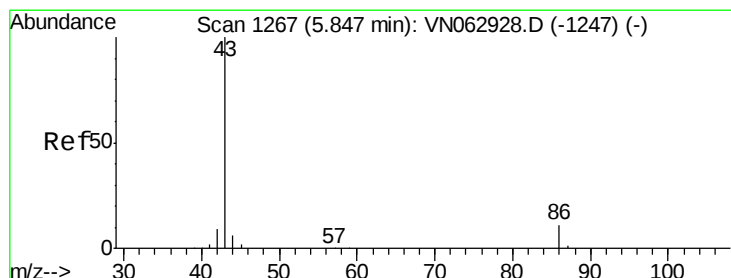
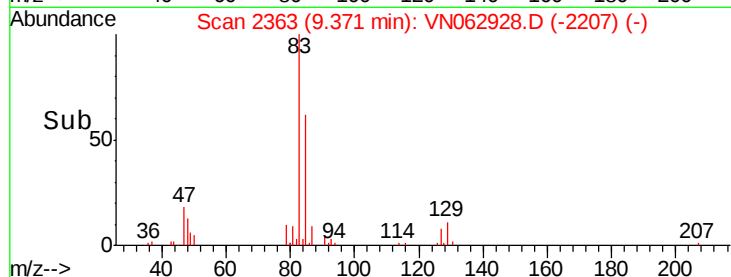
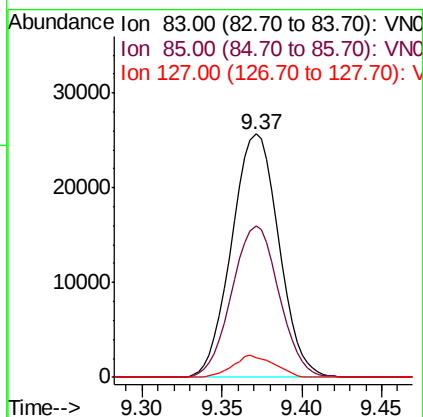
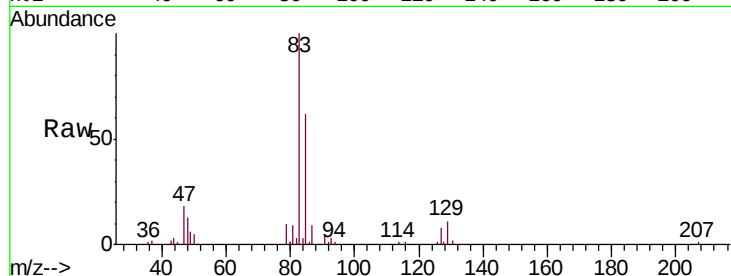




#41
 Bromodichloromethane
 Concen: 20.669 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

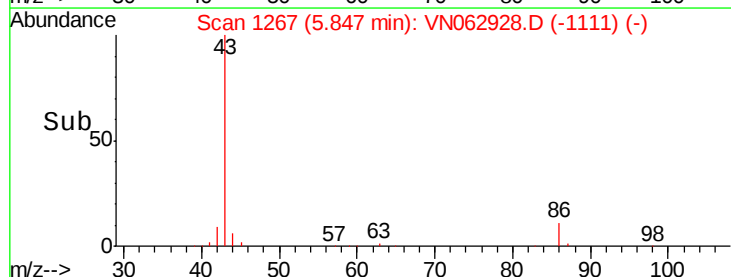
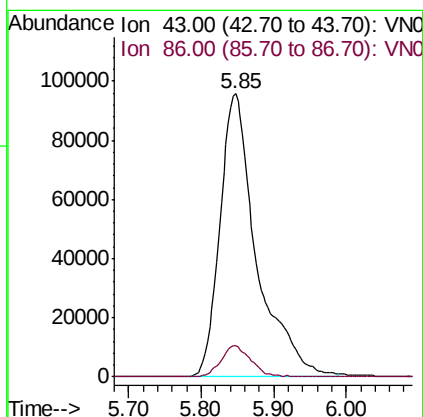
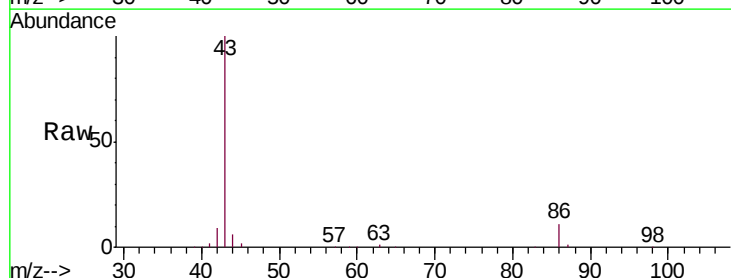
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC020

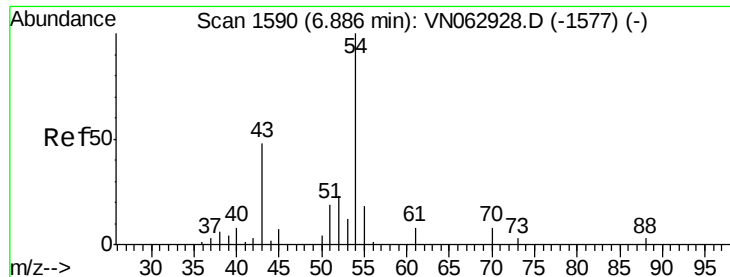
Tgt Ion: 83 Resp: 51719
 Ion Ratio Lower Upper
 83 100
 85 62.4 49.9 74.9
 127 8.9 7.1 10.7



#42
 Vinyl Acetate
 Concen: 69.018 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

Tgt Ion: 43 Resp: 336993
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.1 10.7





#43

Ethyl Acetate

Concen: 16.411 ug/l

RT: 6.89 min Scan# 1590

Delta R.T. 0.00 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

Instrument :

MSVOA_L

ClientSampleId :

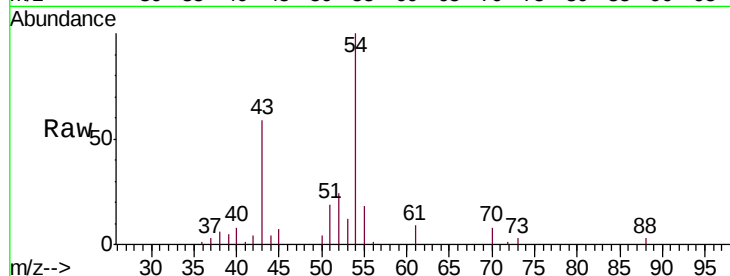
VSTDICCC020

Tgt Ion: 43 Resp: 40117

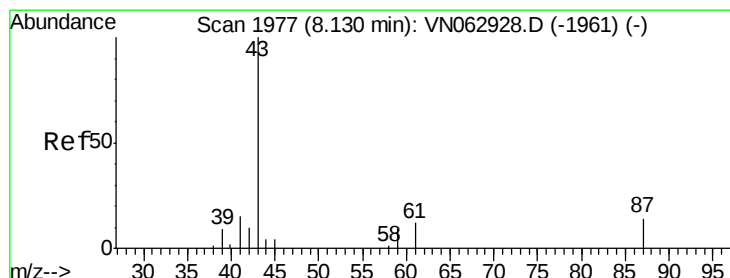
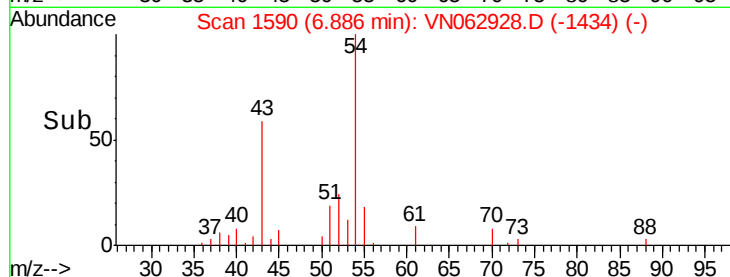
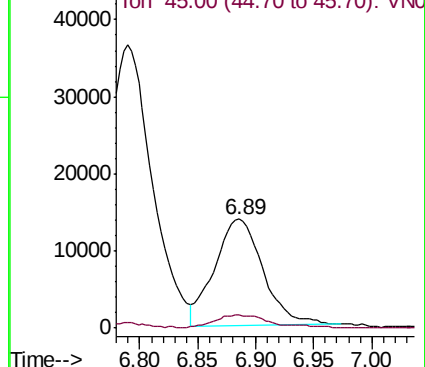
Ion Ratio Lower Upper

43 100

45 8.2 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VN062928.D (-1577) (-)



#44

Isopropyl Acetate

Concen: 15.673 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN062928.D

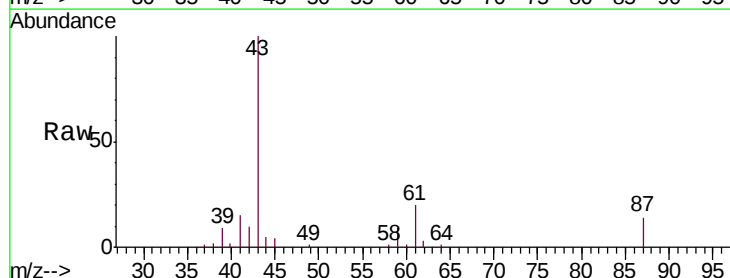
Acq: 13 Aug 2020 22:57

Tgt Ion: 43 Resp: 63942

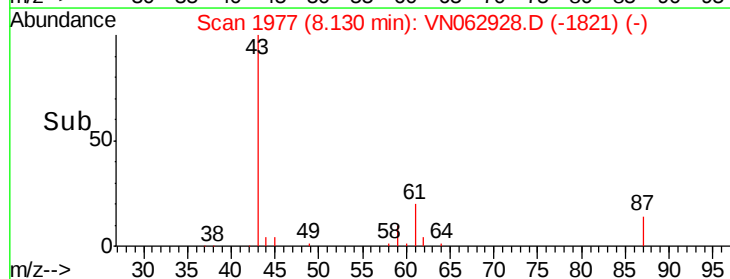
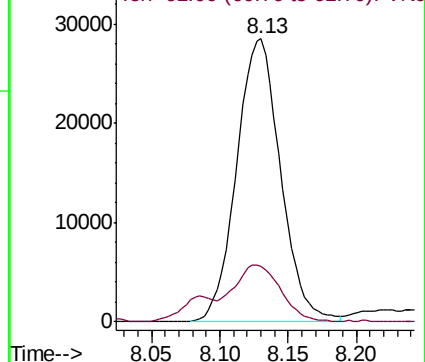
Ion Ratio Lower Upper

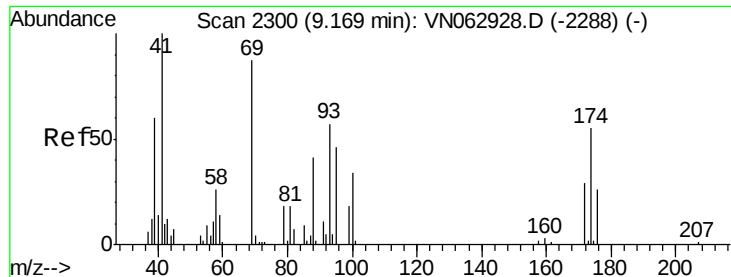
43 100

61 21.5 17.2 25.8



Abundance Ion 43.00 (42.70 to 43.70): VN062928.D (-1961) (-)

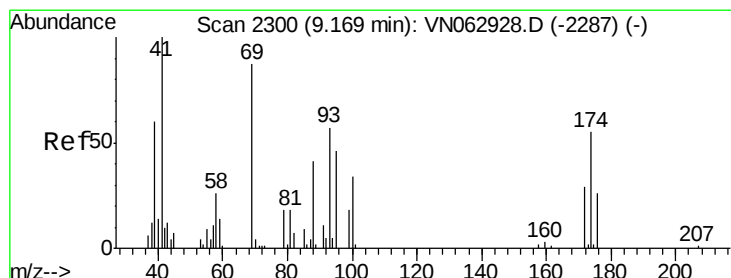
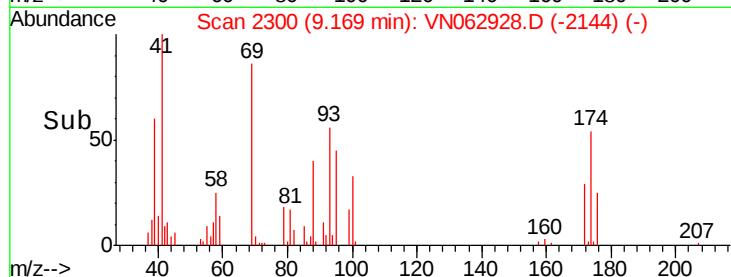
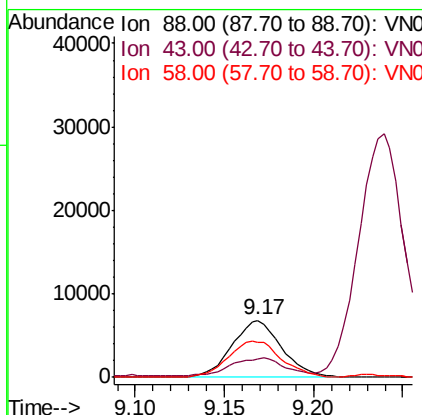
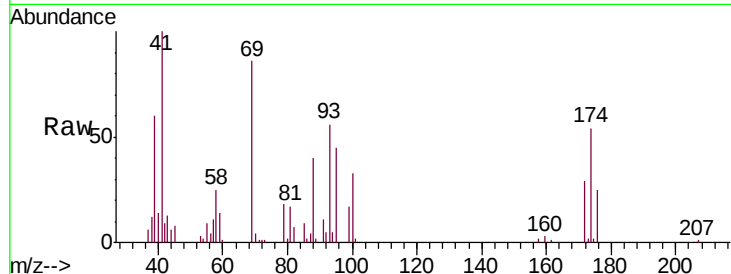




#45
 1,4-Dioxane
 Concen: 442.518 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

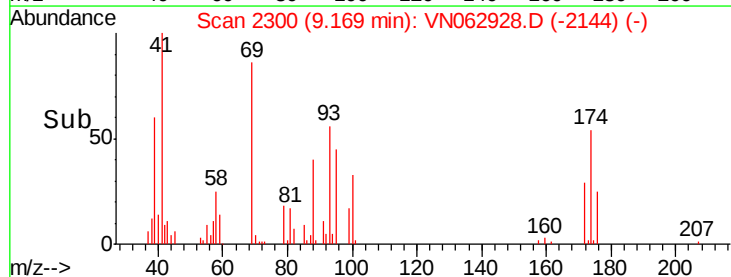
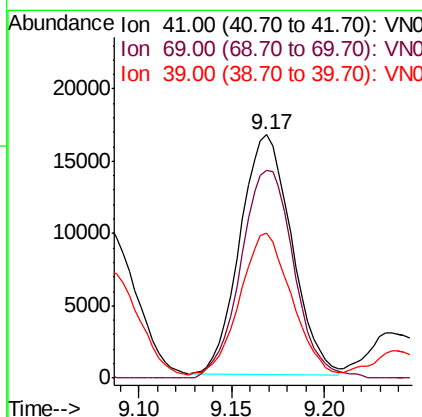
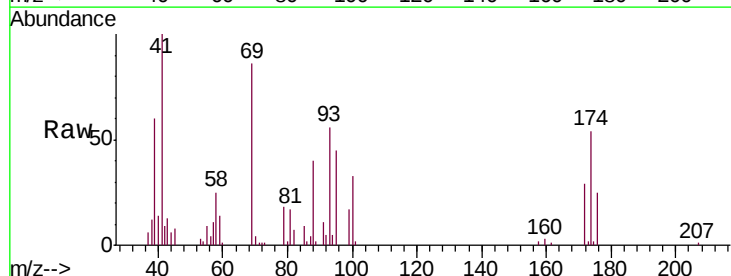
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC020

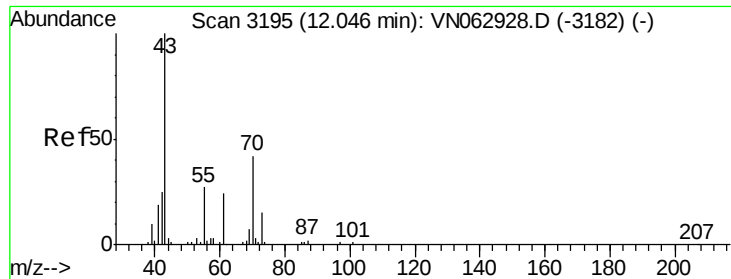
Tgt Ion: 88 Resp: 13187
 Ion Ratio Lower Upper
 88 100
 43 32.5 26.0 39.0
 58 67.7 54.2 81.2



#46
 Methyl methacrylate
 Concen: 16.435 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

Tgt Ion: 41 Resp: 32061
 Ion Ratio Lower Upper
 41 100
 69 87.3 43.6 130.9
 39 59.9 29.9 89.8

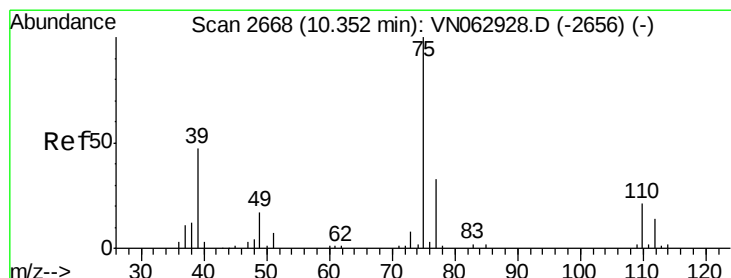
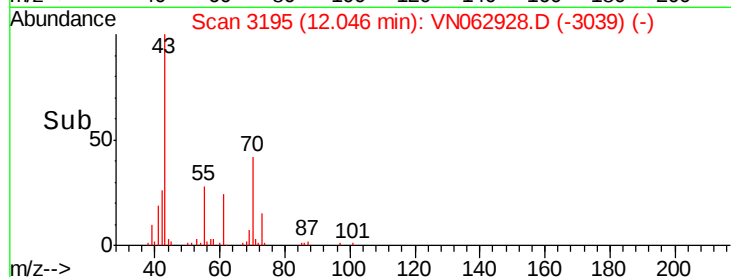
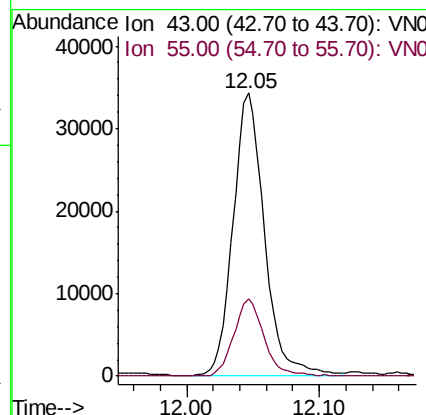
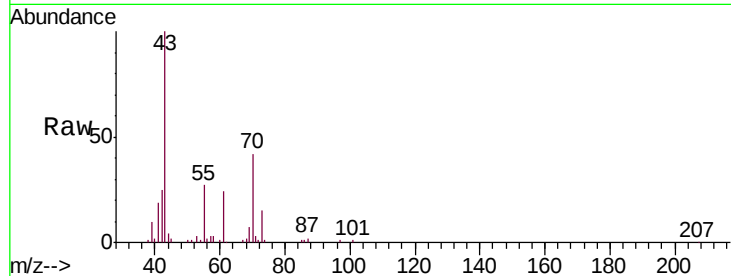




#47
n-amyl Acetate
Concen: 16.247 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

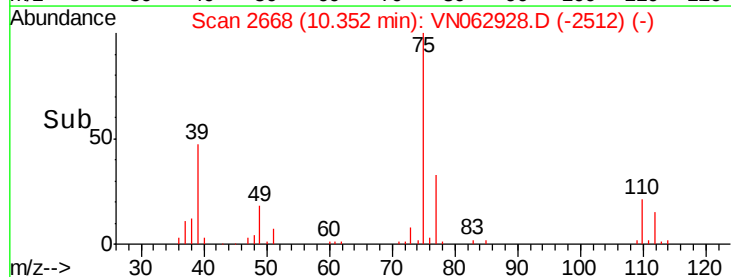
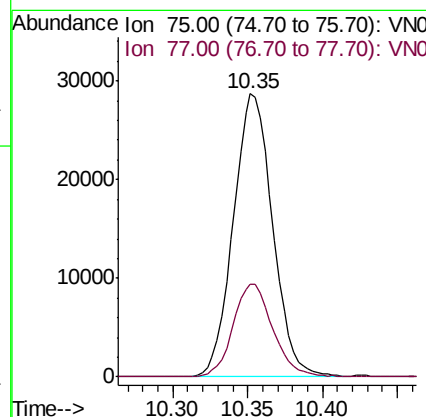
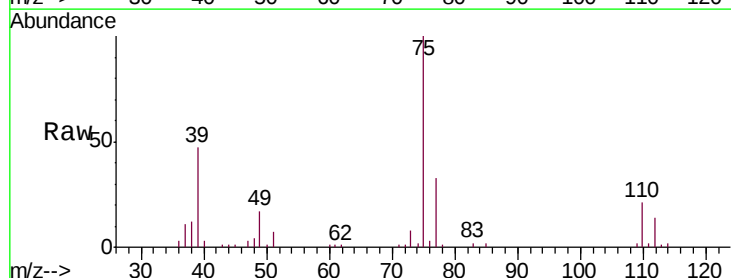
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC020

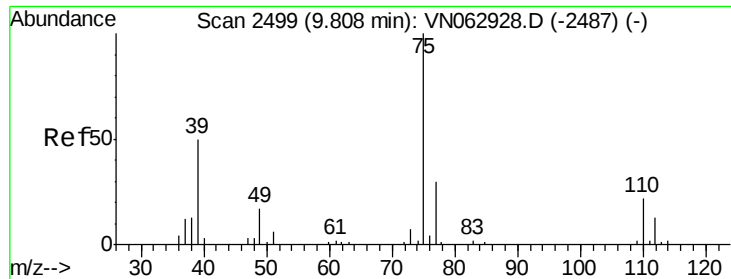
Tgt Ion: 43 Resp: 56660
Ion Ratio Lower Upper
43 100
55 26.0 20.8 31.2



#48
t-1,3-Dichloropropene
Concen: 18.390 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Tgt Ion: 75 Resp: 52479
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2



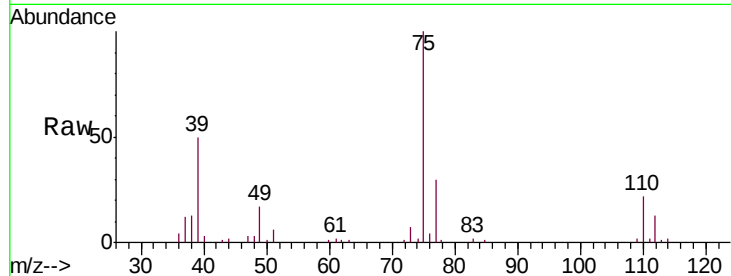


#49

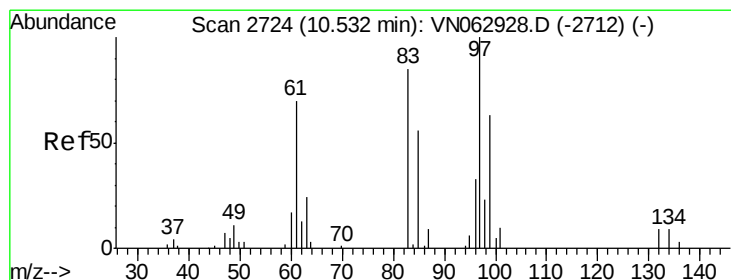
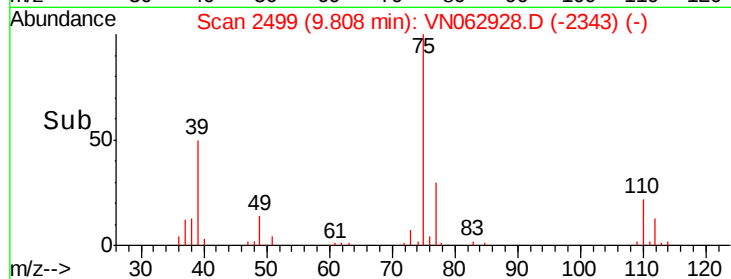
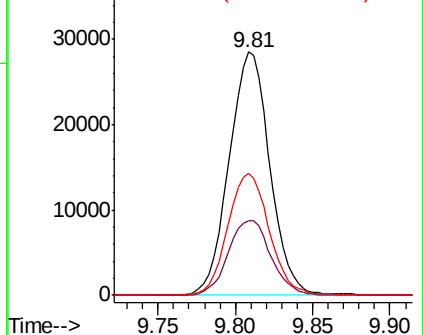
cis-1,3-Dichloropropene
 Concen: 17.178 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC020

Tgt Ion:	75	Resp:	52024
Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.4	36.6
39	50.3	40.2	60.4



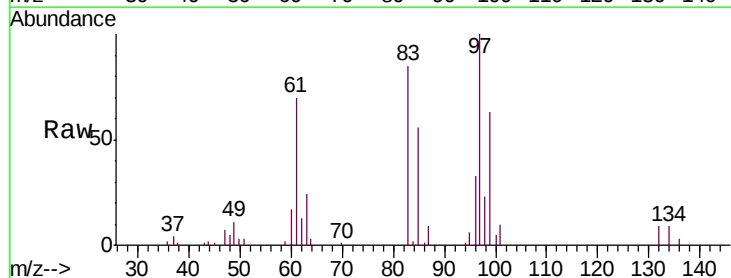
Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0



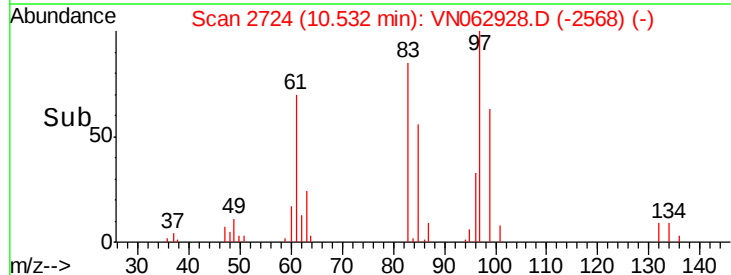
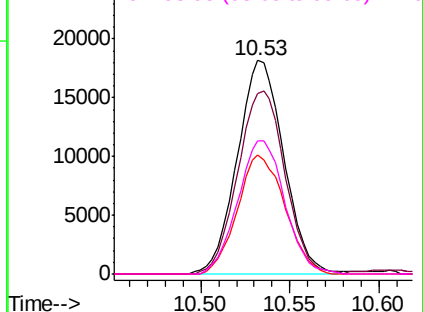
#50

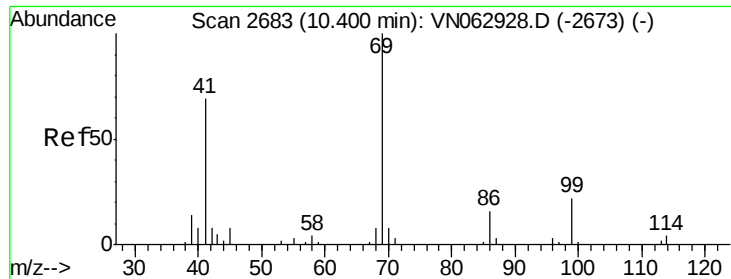
1,1,2-Trichloroethane
 Concen: 20.194 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

Tgt Ion:	97	Resp:	33087
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.8	101.6
85	55.6	44.5	66.7
99	62.6	50.1	75.1



Abundance Ion 97.00 (96.70 to 97.70): VN0
 Ion 82.95 (82.65 to 83.65): VN0
 Ion 84.95 (84.65 to 85.65): VN0
 Ion 98.95 (98.65 to 99.65): VN0

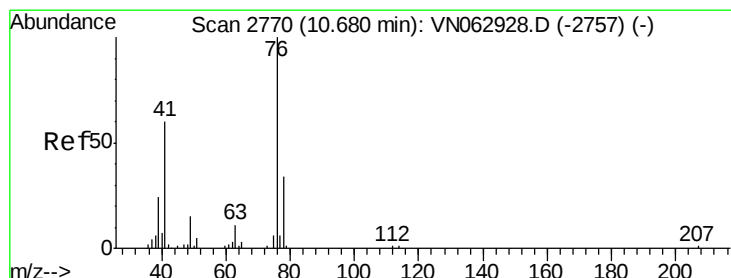
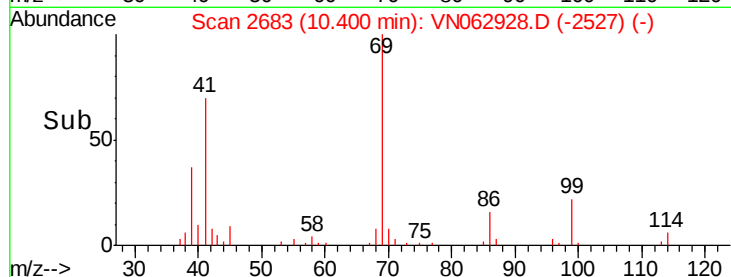
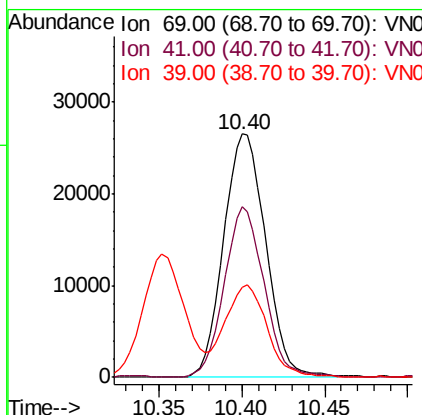
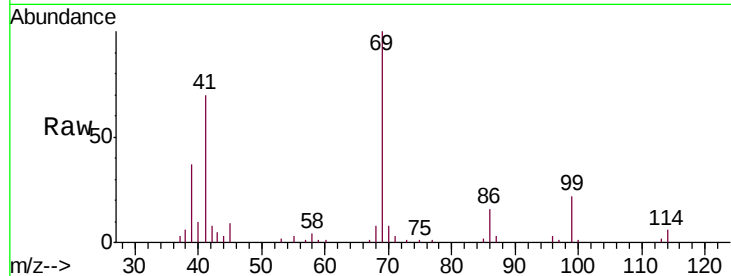




#51
Ethyl methacrylate
Concen: 17.423 ug/l
RT: 10.40 min Scan# 2683
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

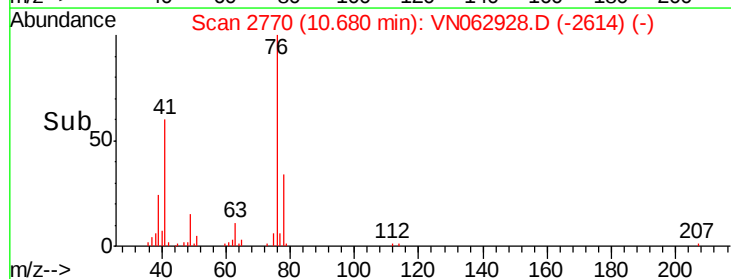
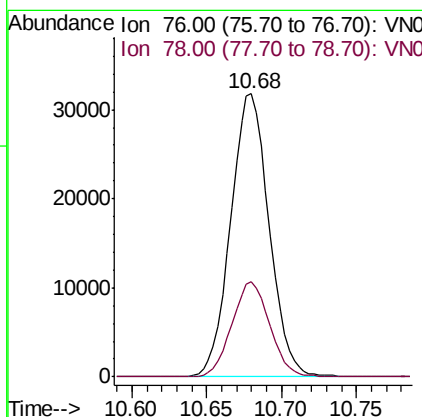
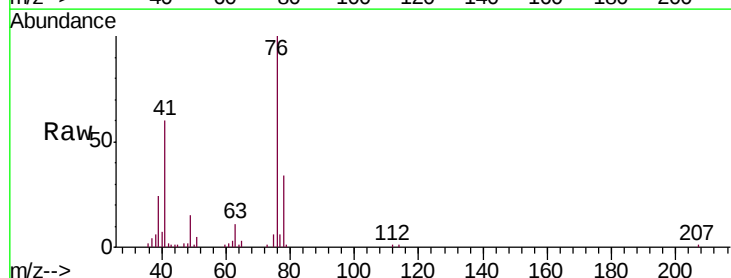
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC020

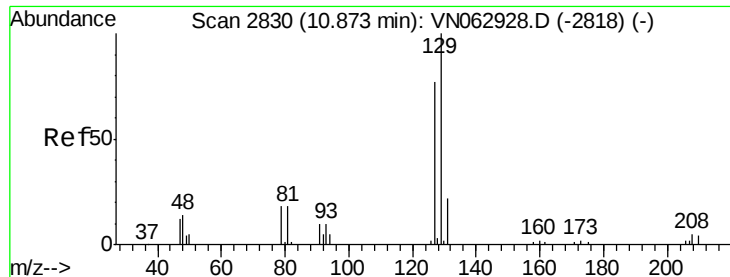
Tgt Ion: 69 Resp: 46810
Ion Ratio Lower Upper
69 100
41 69.5 34.8 104.3
39 37.2 18.6 55.8



#52
1,3-Dichloropropane
Concen: 19.110 ug/l
RT: 10.68 min Scan# 2770
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Tgt Ion: 76 Resp: 56802
Ion Ratio Lower Upper
76 100
78 33.1 0.0 66.2





#53

Dibromochloromethane

Concen: 21.578 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. 0.00 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

Instrument :

MSVOA_L

ClientSampleId :

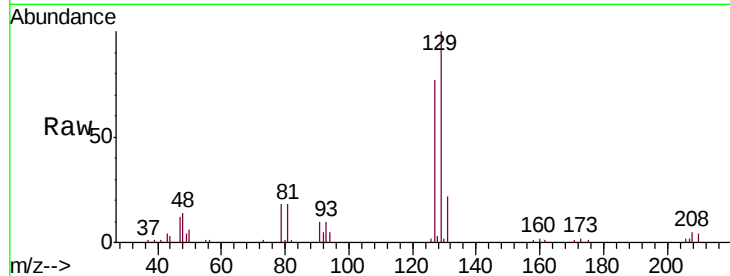
VSTDICCC020

Tgt Ion:129 Resp: 39302

Ion Ratio Lower Upper

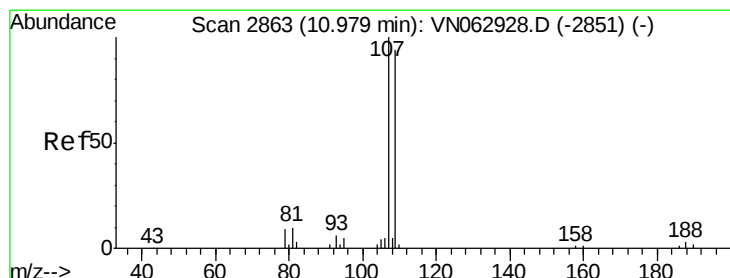
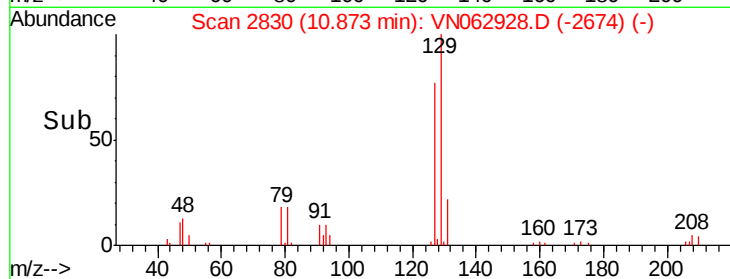
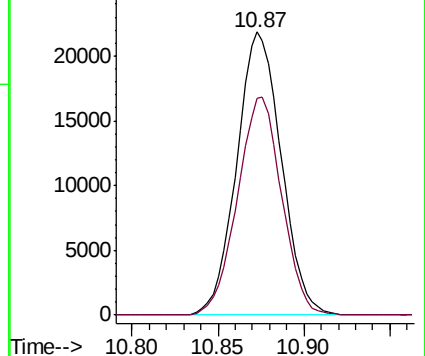
129 100

127 76.3 38.1 114.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.443 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062928.D

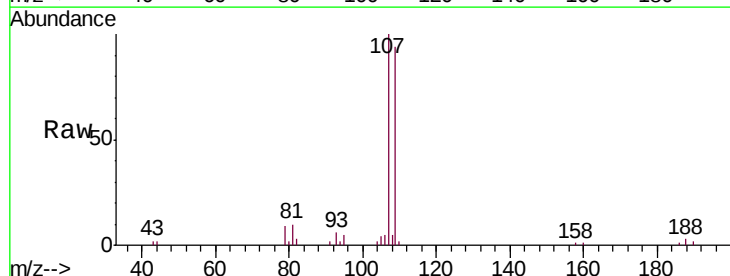
Acq: 13 Aug 2020 22:57

Tgt Ion:107 Resp: 32623

Ion Ratio Lower Upper

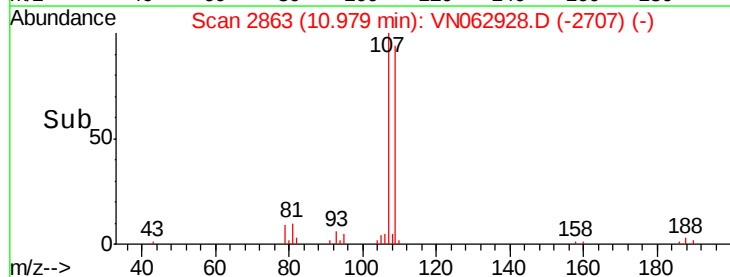
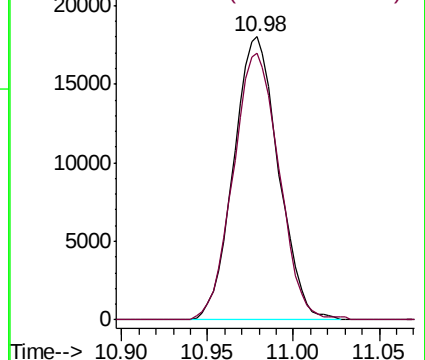
107 100

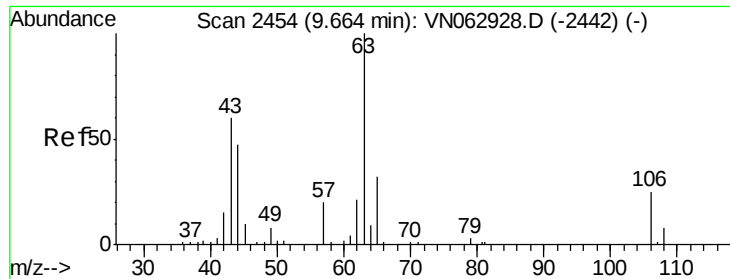
109 96.1 76.9 115.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

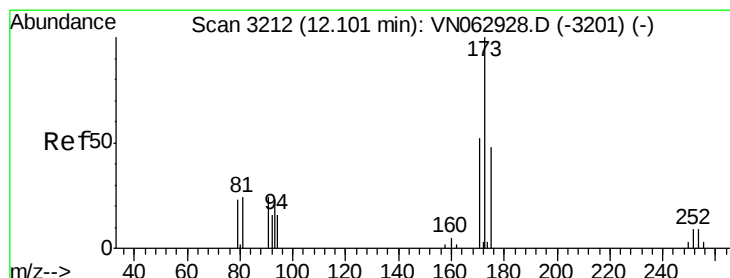
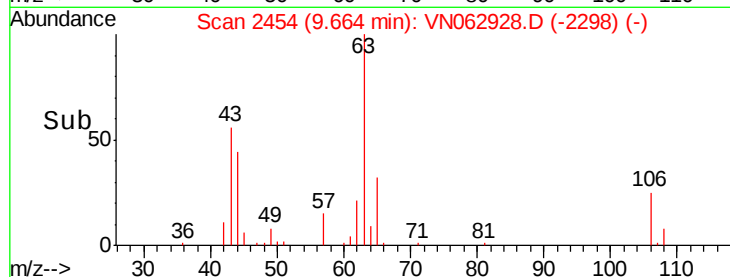
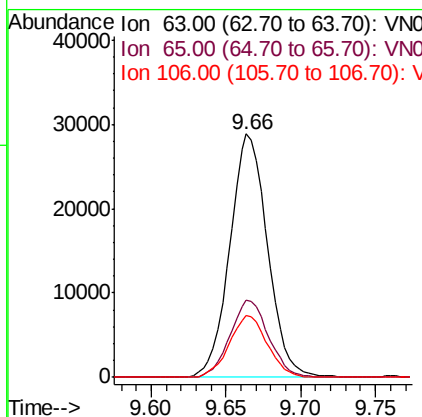
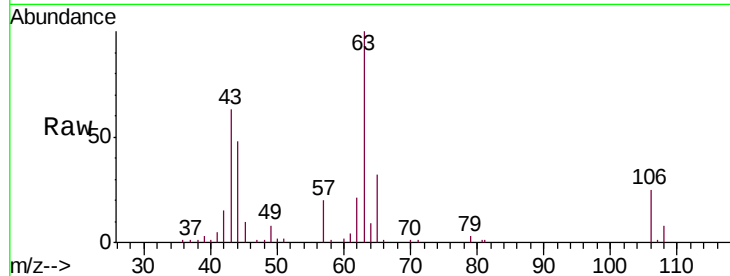




#55
 2-Chloroethyl vinyl ether
 Concen: 62.425 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

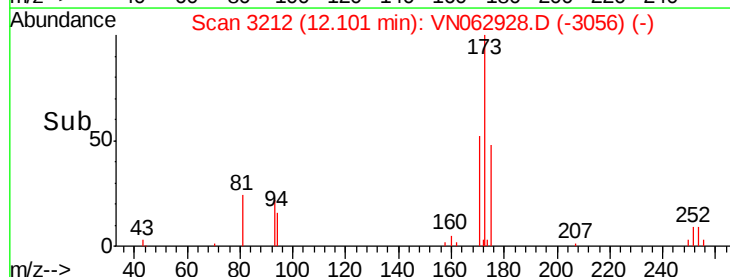
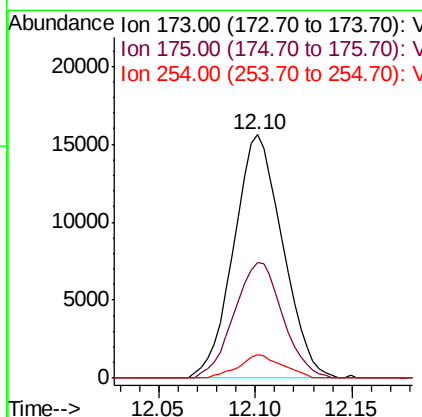
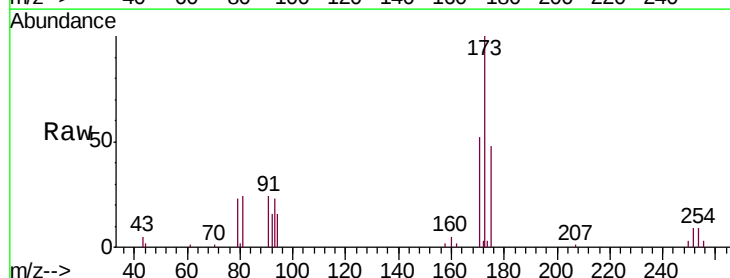
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC020

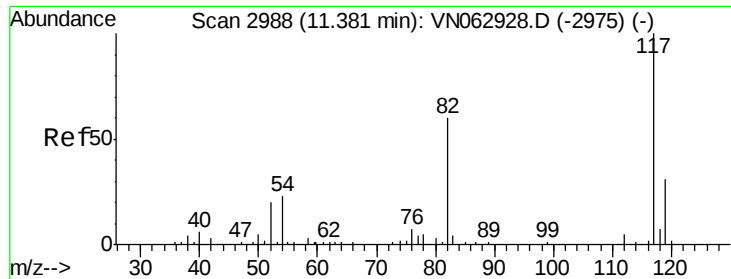
Tgt Ion: 63 Resp: 50764
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.8 38.8
 106 25.5 20.4 30.6



#56
 Bromoform
 Concen: 21.856 ug/l
 RT: 12.10 min Scan# 3212
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

Tgt Ion: 173 Resp: 27395
 Ion Ratio Lower Upper
 173 100
 175 47.2 37.8 56.6
 254 8.6 6.9 10.3

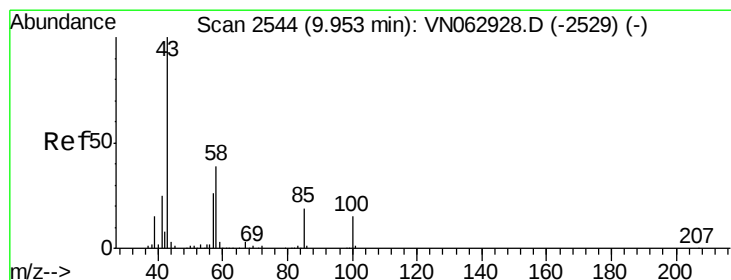
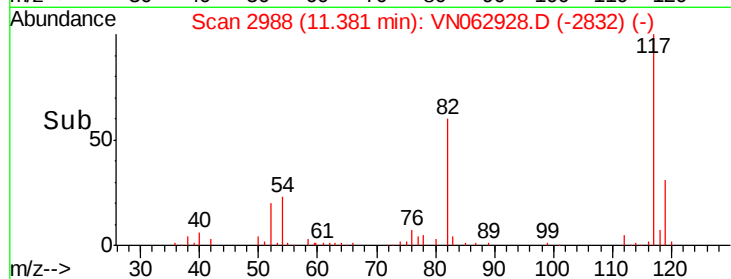
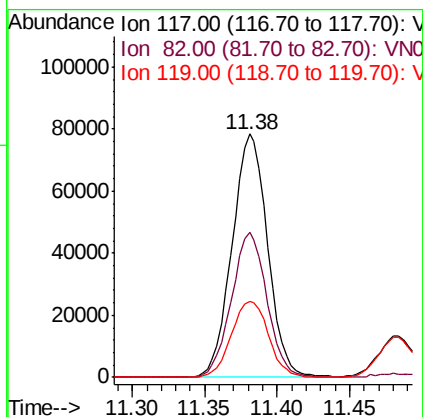
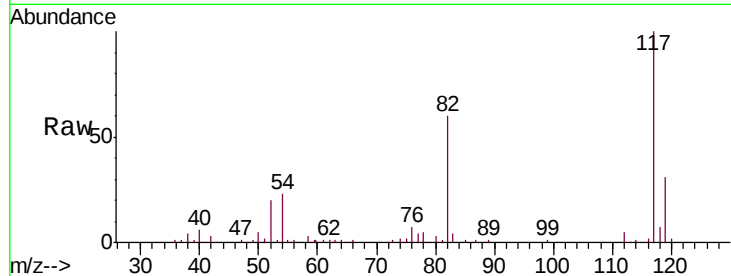




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

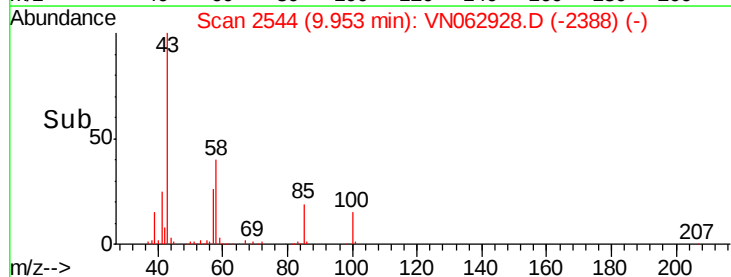
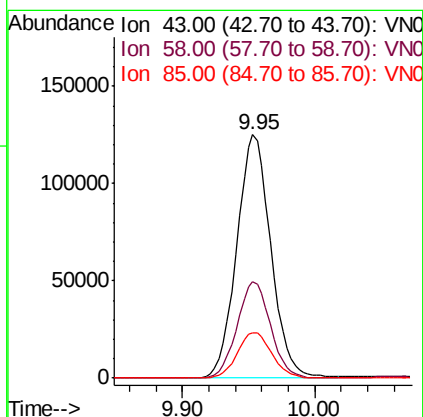
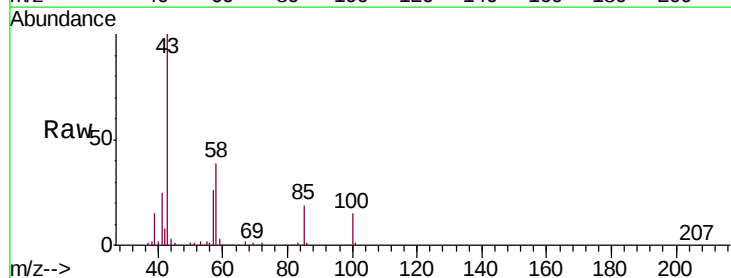
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC020

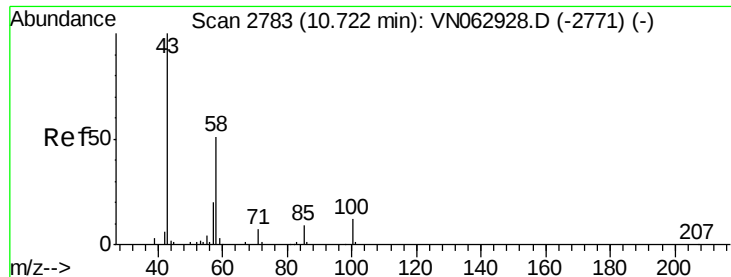
Tgt Ion: 117 Resp: 133514
Ion Ratio Lower Upper
117 100
82 59.4 47.5 71.3
119 32.5 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 88.525 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Tgt Ion: 43 Resp: 221980
Ion Ratio Lower Upper
43 100
58 39.1 31.3 46.9
85 19.0 15.2 22.8

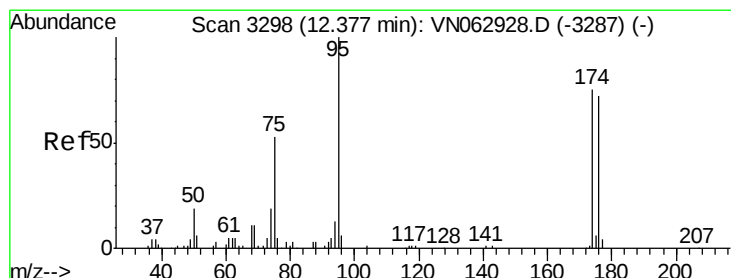
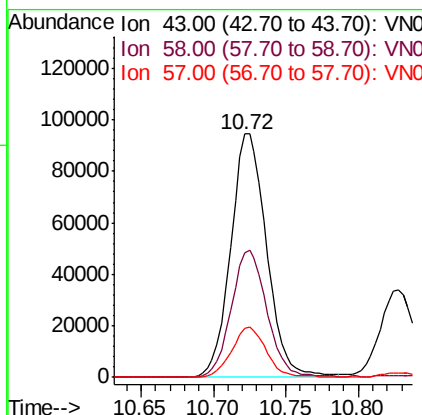
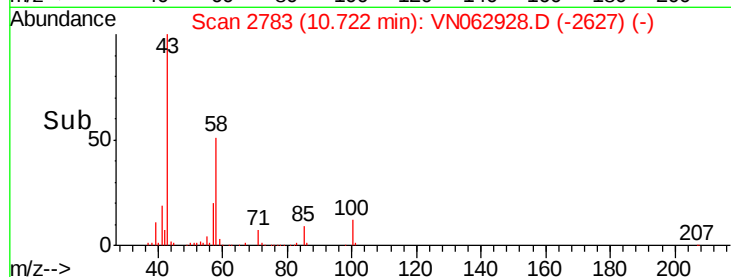
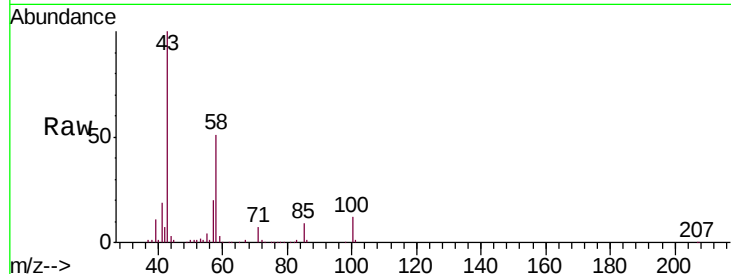




#59
2-Hexanone
Concen: 88.100 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

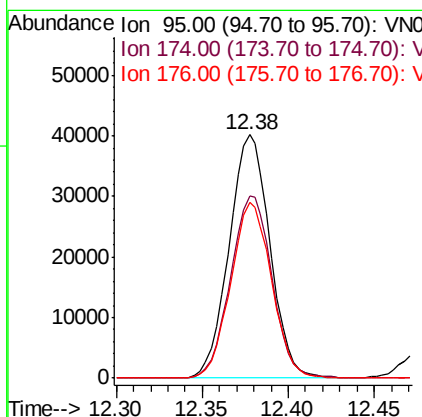
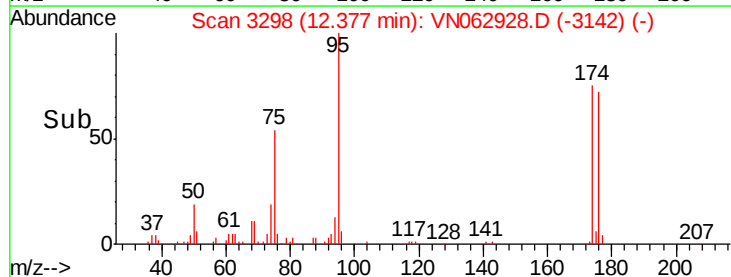
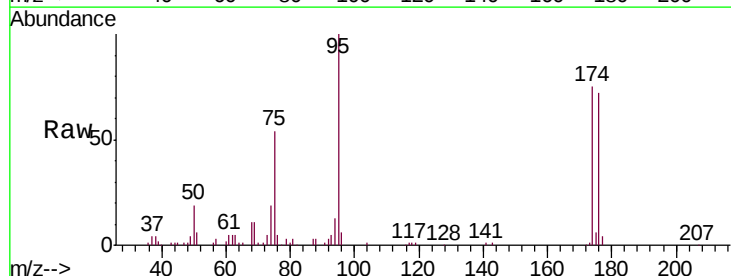
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC020

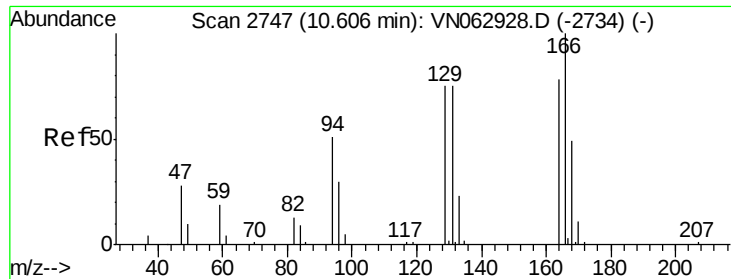
Tgt Ion: 43 Resp: 161714
Ion Ratio Lower Upper
43 100
58 52.2 41.8 62.6
57 20.2 16.2 24.2



#60
4-Bromofluorobenzene
Concen: 29.266 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Tgt Ion: 95 Resp: 66385
Ion Ratio Lower Upper
95 100
174 76.1 60.9 91.3
176 72.3 57.8 86.8

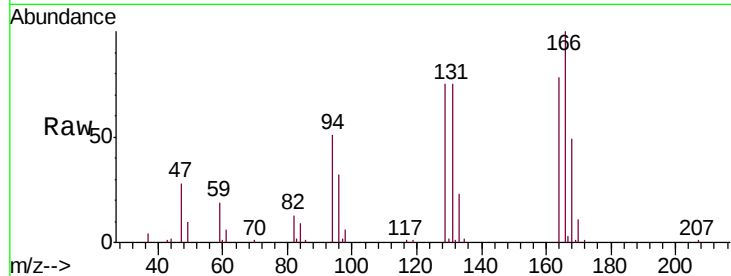




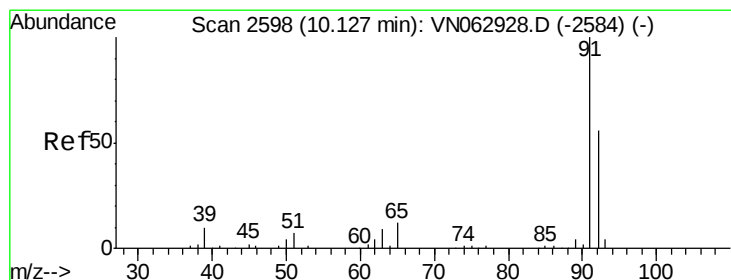
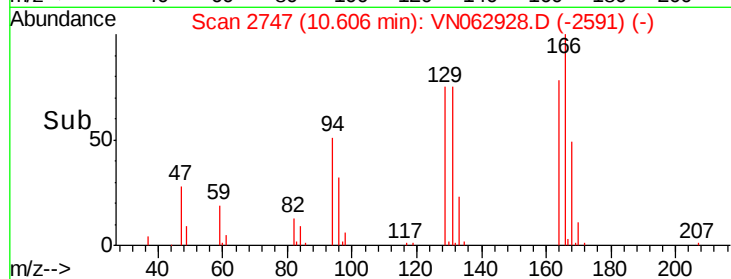
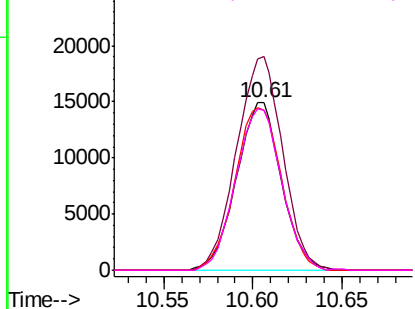
#61
Tetrachloroethene
Concen: 19.419 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC020

Tgt Ion:164 Resp: 26304
Ion Ratio Lower Upper
164 100
166 127.4 101.9 152.9
129 95.5 76.4 114.6
131 95.6 76.5 114.7

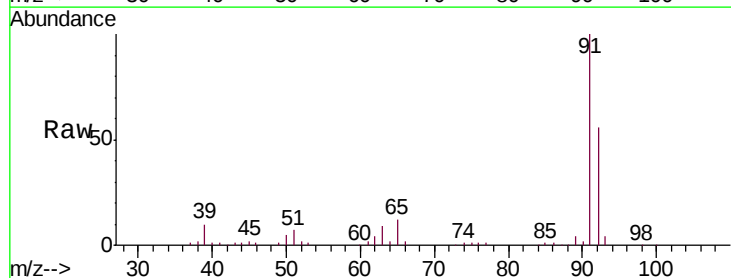


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

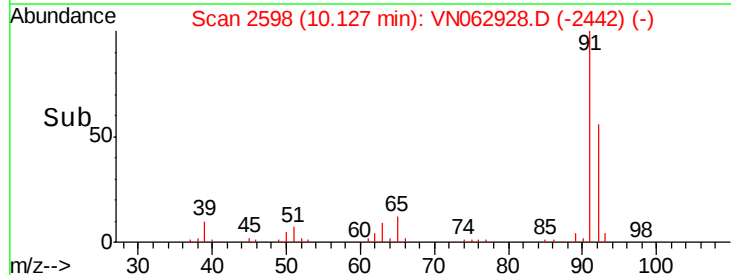
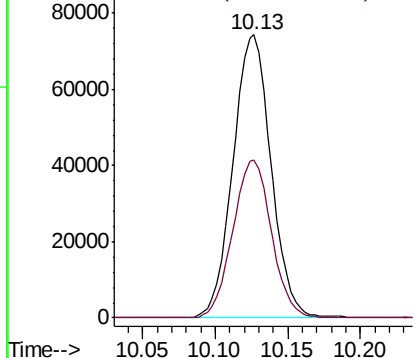


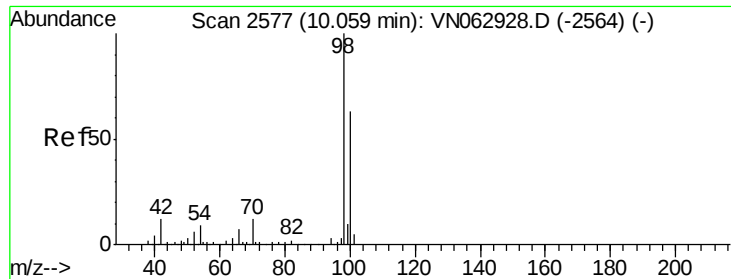
#62
Toluene
Concen: 18.358 ug/l
RT: 10.13 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Tgt Ion: 91 Resp: 135604
Ion Ratio Lower Upper
91 100
92 56.5 45.2 67.8



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 29.860 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

Instrument :

MSVOA_L

ClientSampleId :

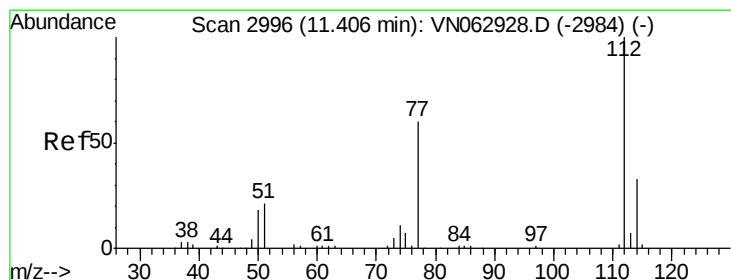
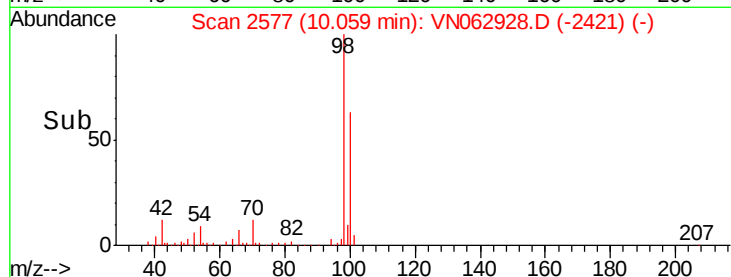
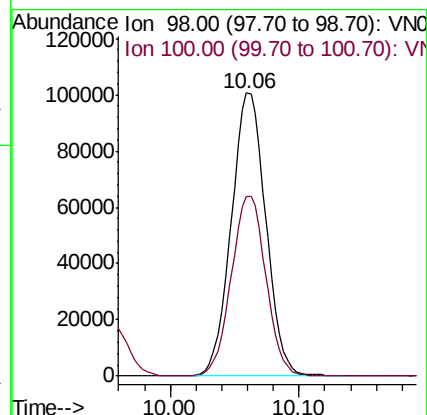
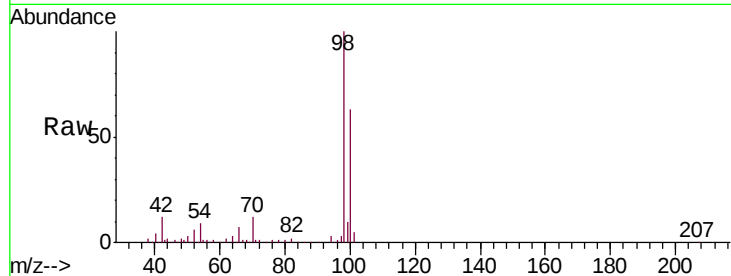
VSTDICCC020

Tgt Ion: 98 Resp: 187194

Ion Ratio Lower Upper

98 100

100 63.8 51.0 76.6



#64

Chlorobenzene

Concen: 19.059 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062928.D

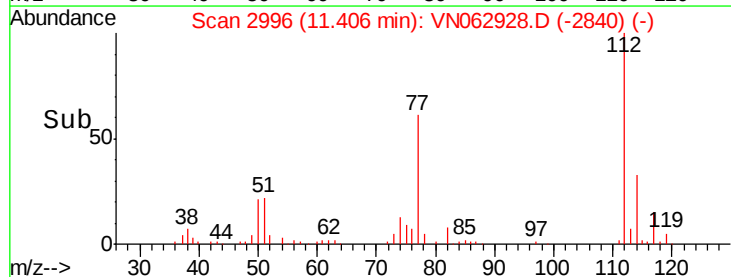
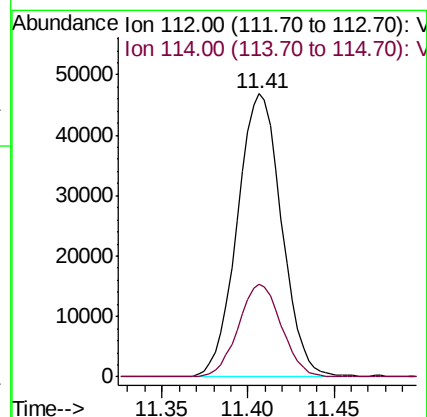
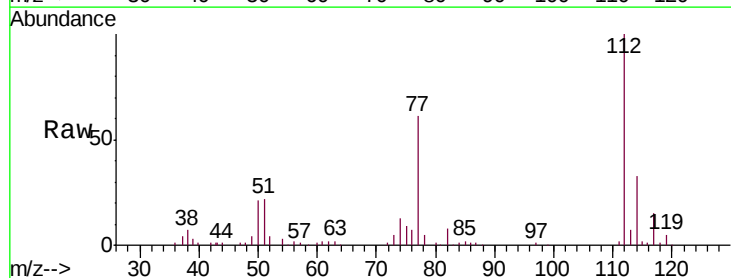
Acq: 13 Aug 2020 22:57

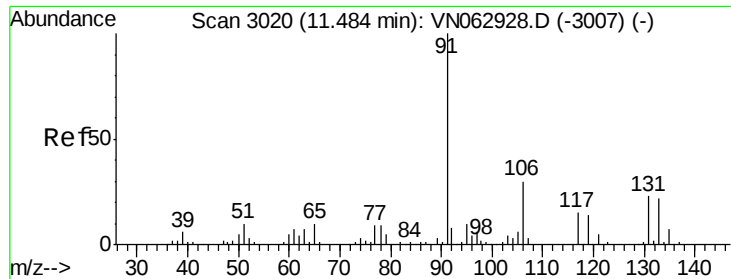
Tgt Ion: 112 Resp: 84174

Ion Ratio Lower Upper

112 100

114 32.7 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 21.353 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC020

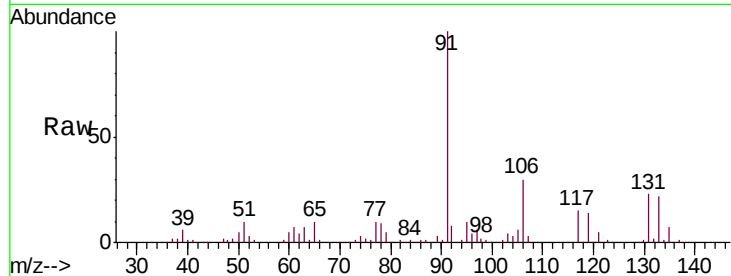
Tgt Ion:131 Resp: 35781

Ion Ratio Lower Upper

131 100

133 96.3 0.0 192.6

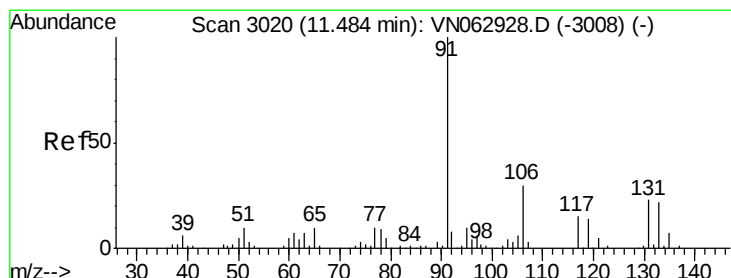
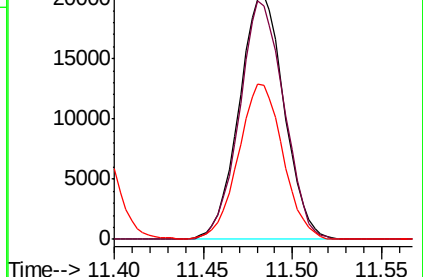
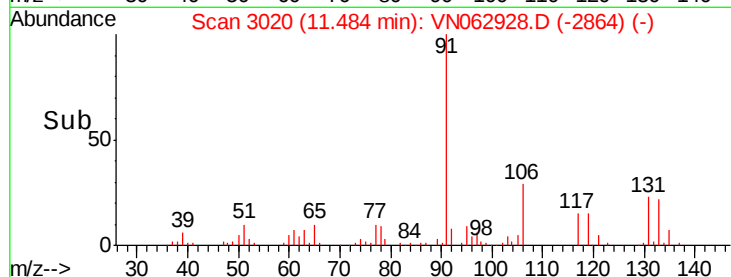
119 62.7 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 17.815 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062928.D

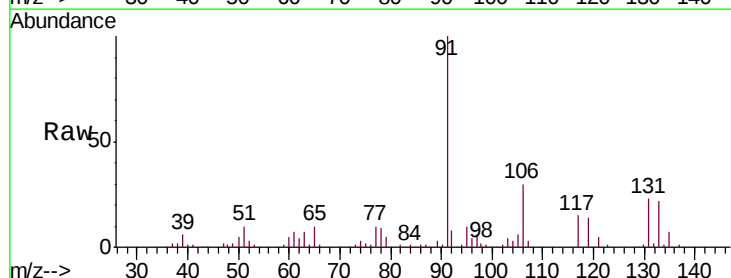
Acq: 13 Aug 2020 22:57

Tgt Ion: 91 Resp: 145682

Ion Ratio Lower Upper

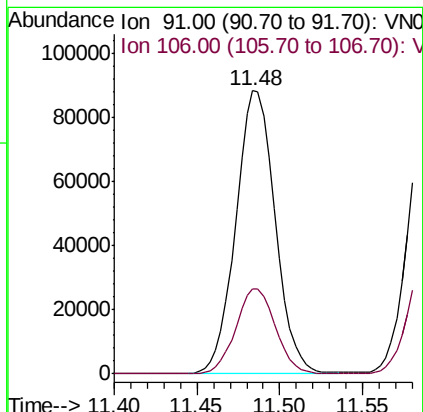
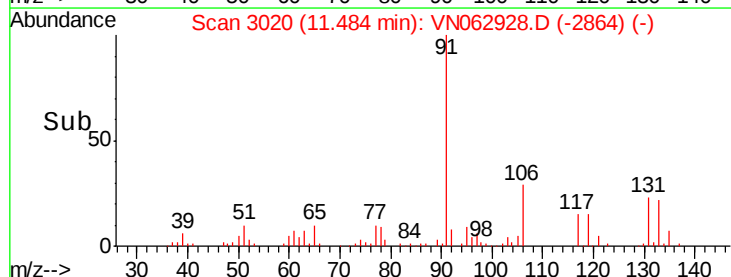
91 100

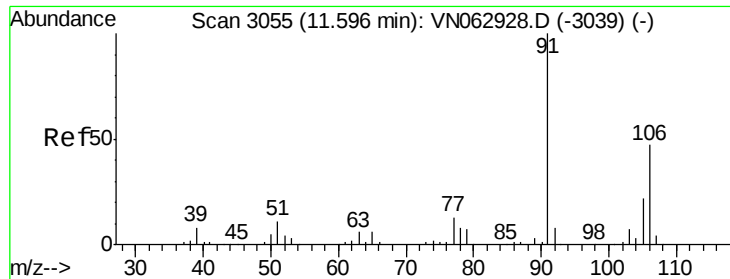
106 30.0 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

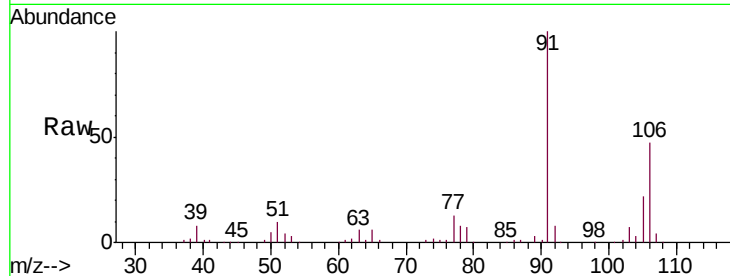




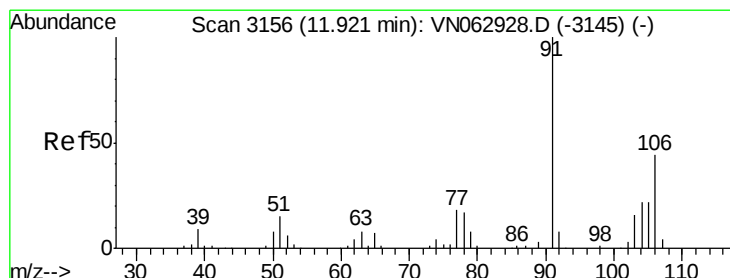
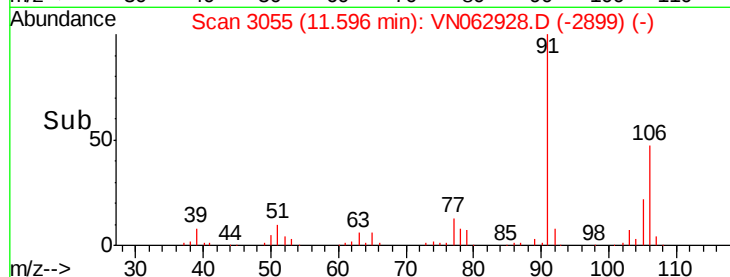
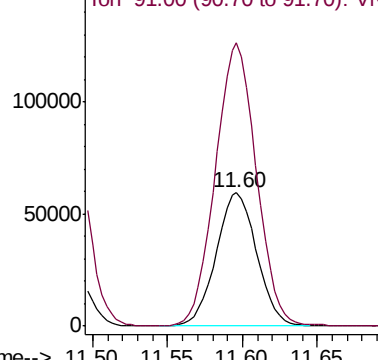
#67
m/p-Xylenes
Concen: 37.369 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 112370
Ion Ratio Lower Upper
106 100
91 213.8 171.0 256.6

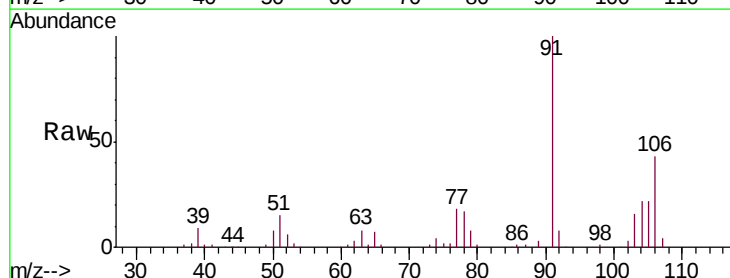


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

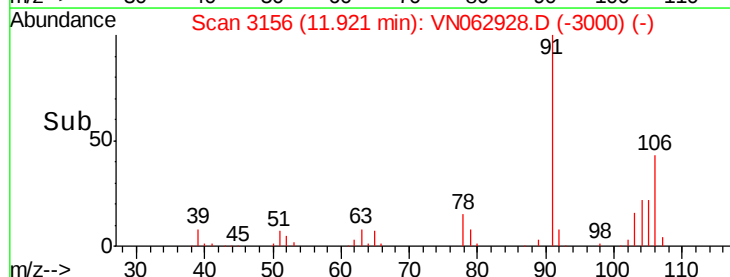
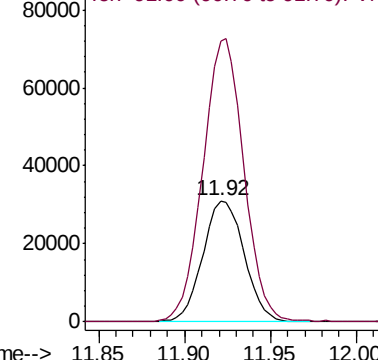


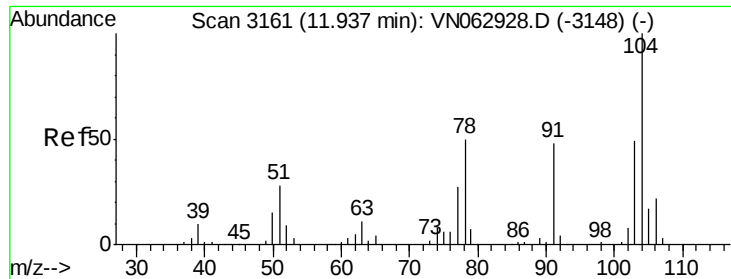
#68
o-Xylene
Concen: 18.165 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Tgt Ion:106 Resp: 52004
Ion Ratio Lower Upper
106 100
91 230.8 115.4 346.2



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

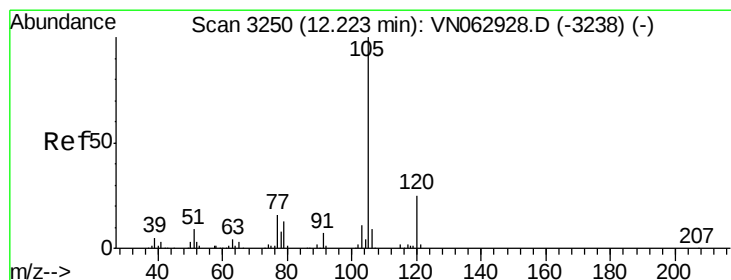
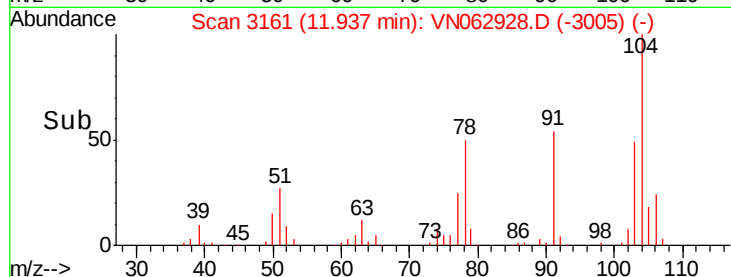
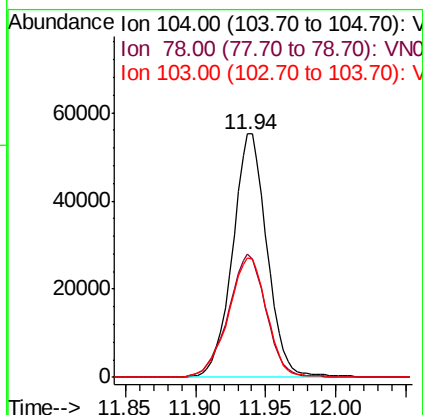
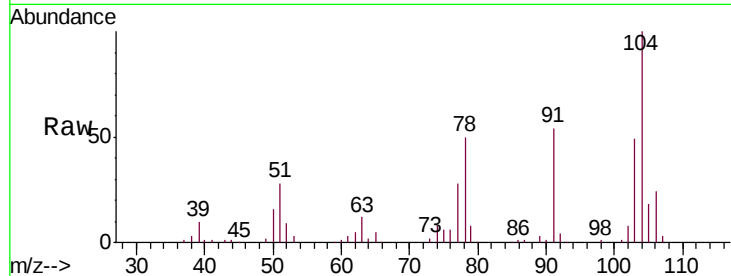




#69
Styrene
Concen: 19.122 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

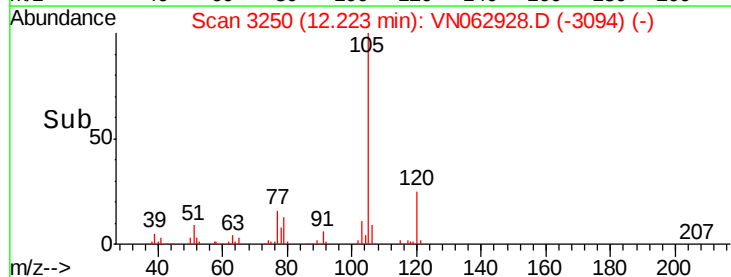
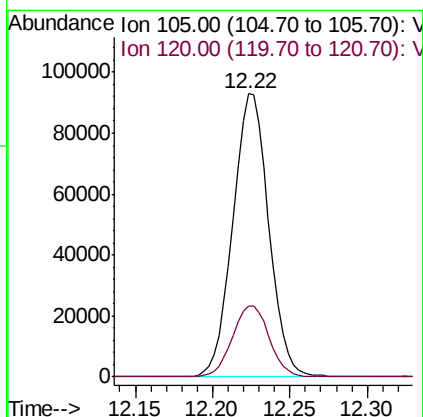
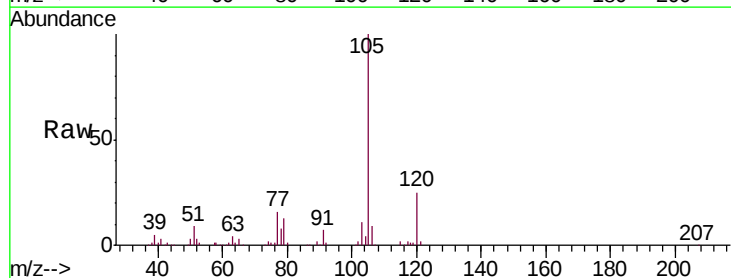
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC020

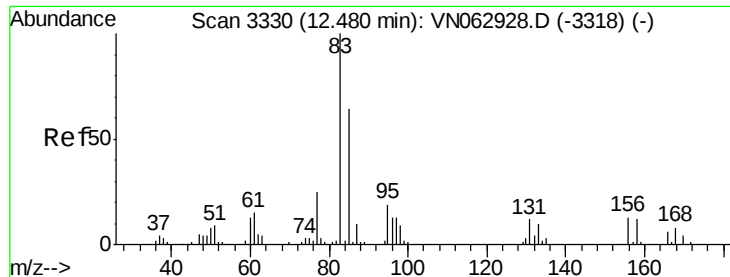
Tgt Ion:104 Resp: 94311
Ion Ratio Lower Upper
104 100
78 55.5 44.4 66.6
103 55.0 44.0 66.0



#70
Isopropylbenzene
Concen: 19.204 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Tgt Ion:105 Resp: 149517
Ion Ratio Lower Upper
105 100
120 25.7 18.0 33.4

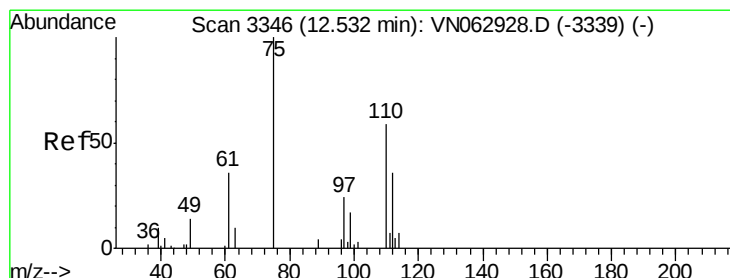
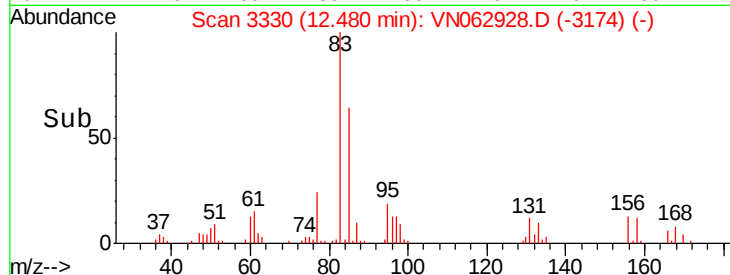
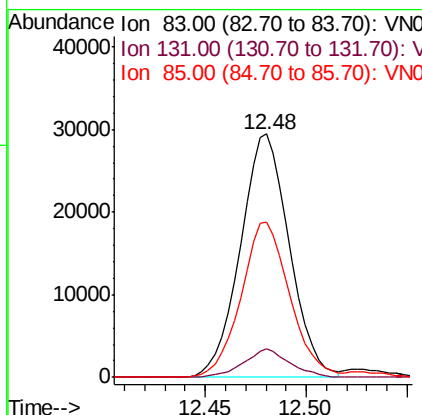
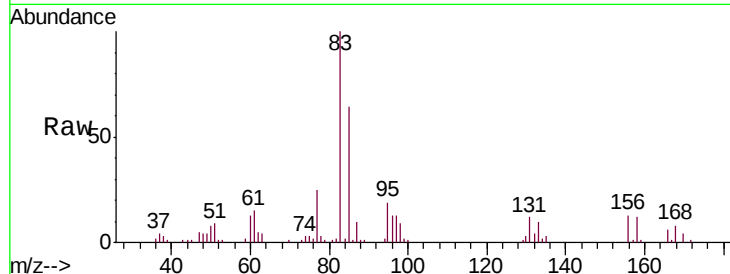




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.771 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

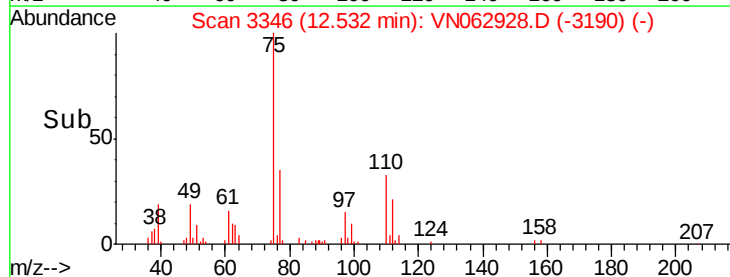
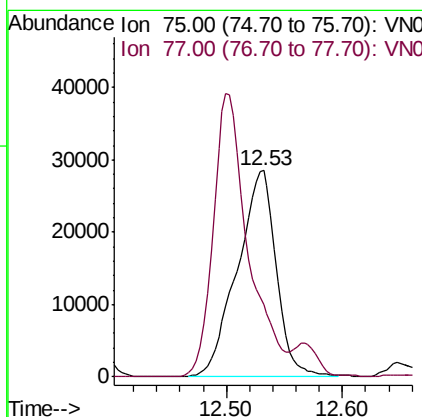
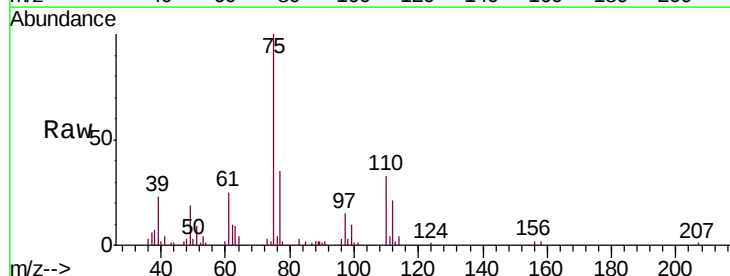
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC020

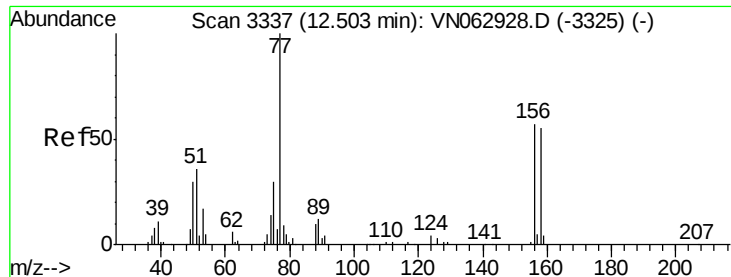
Tgt Ion: 83 Resp: 49965
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.5 16.4
 85 63.4 31.7 95.1



#72
 1,2,3-Trichloropropane
 Concen: 26.795 ug/l
 RT: 12.53 min Scan# 3346
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

Tgt Ion: 75 Resp: 66903
 Ion Ratio Lower Upper
 75 100
 77 122.6 0.0 313.0





#73

Bromobenzene

Concen: 20.031 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC020

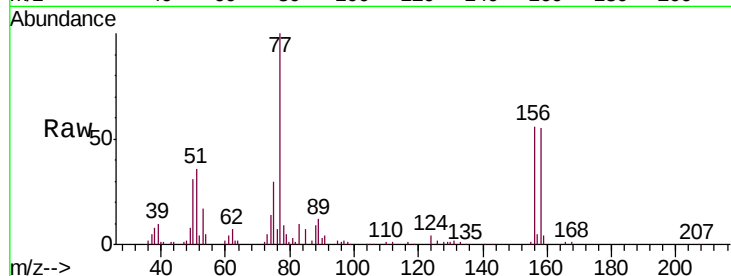
Tgt Ion:156 Resp: 36593

Ion Ratio Lower Upper

156 100

77 224.2 0.0 448.4

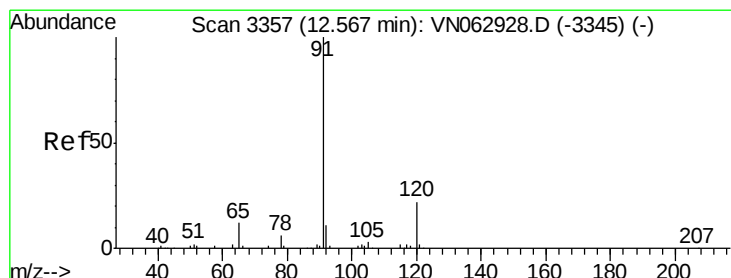
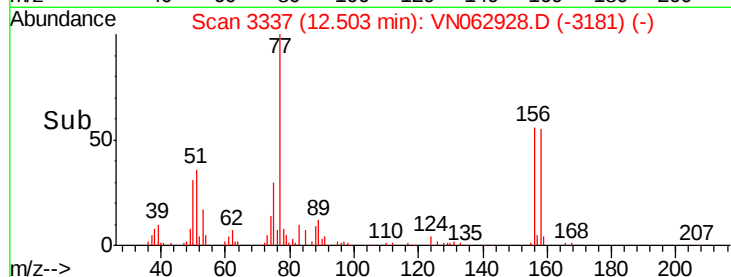
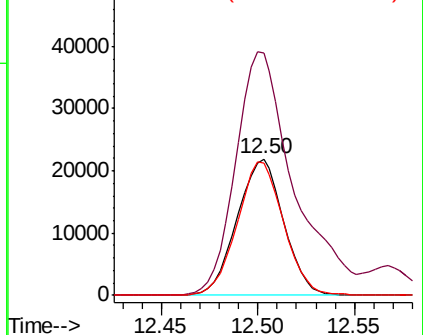
158 97.5 0.0 195.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.355 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062928.D

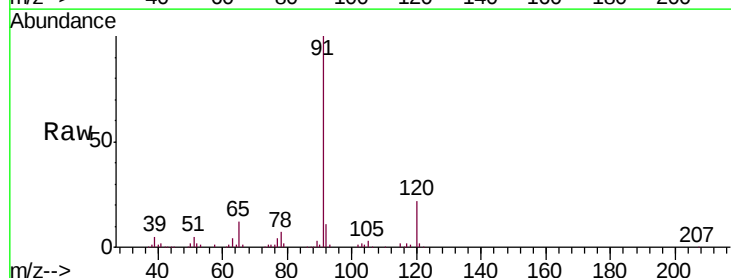
Acq: 13 Aug 2020 22:57

Tgt Ion: 91 Resp: 168964

Ion Ratio Lower Upper

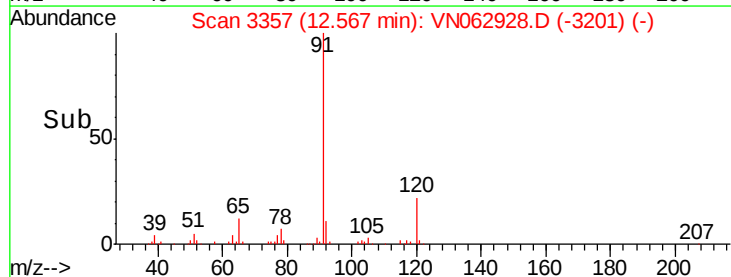
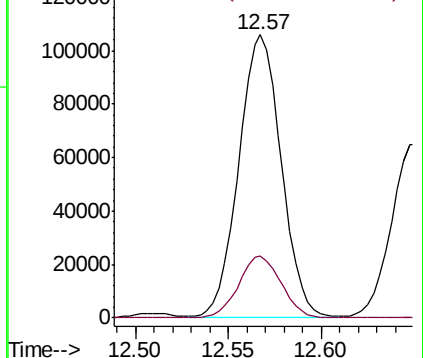
91 100

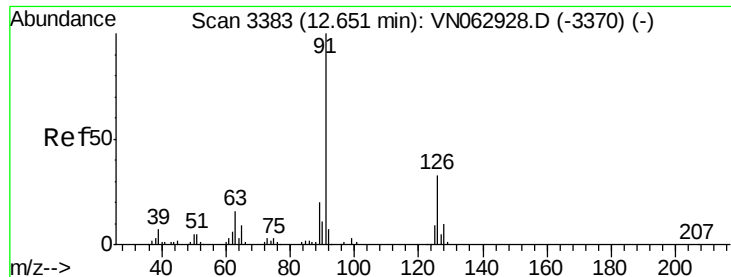
120 21.7 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.458 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062928.D

Acq: 13 Aug 2020 22:57

Instrument :

MSVOA_L

ClientSampleId :

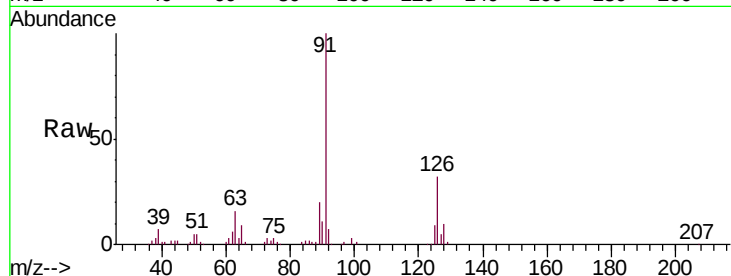
VSTDICCC020

Tgt Ion: 91 Resp: 108980

Ion Ratio Lower Upper

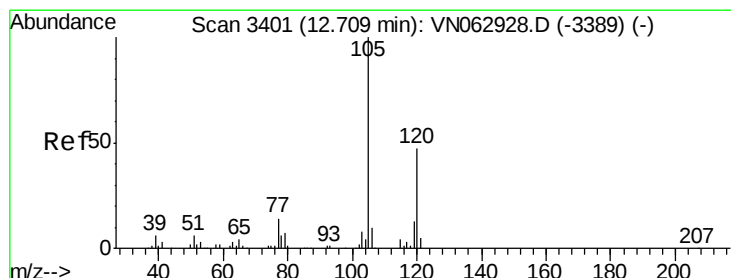
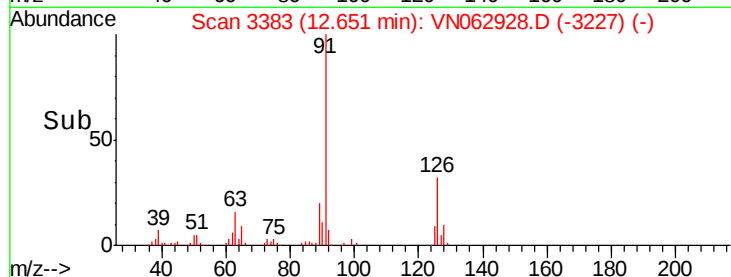
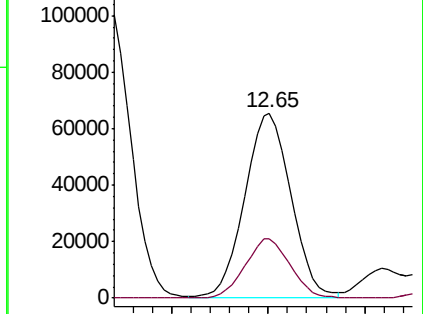
91 100

126 31.5 0.0 63.0



Abundance Ion 91.00 (90.70 to 91.70): VN062928.D (-3370) (-)

Ion 126.00 (125.70 to 126.70): VN062928.D (-3370) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.498 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062928.D

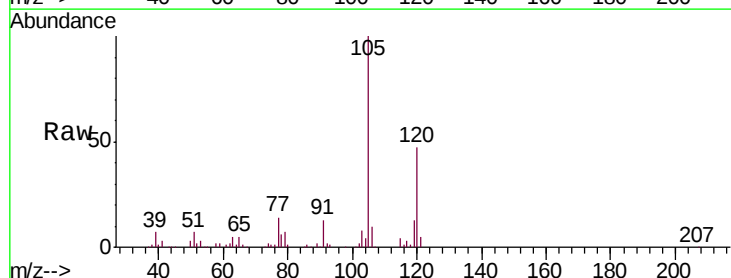
Acq: 13 Aug 2020 22:57

Tgt Ion: 105 Resp: 130621

Ion Ratio Lower Upper

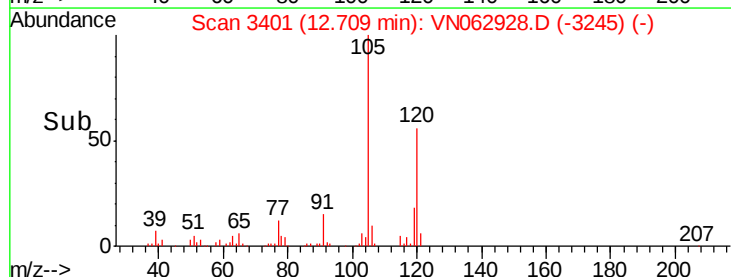
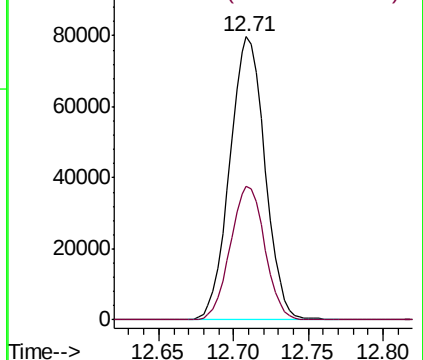
105 100

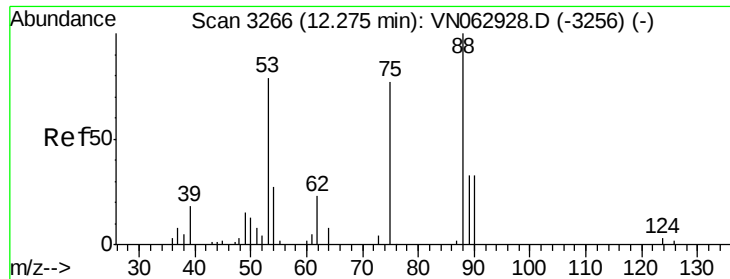
120 46.2 0.0 92.4



Abundance Ion 105.00 (104.70 to 105.70): VN062928.D (-3389) (-)

Ion 120.00 (119.70 to 120.70): VN062928.D (-3389) (-)

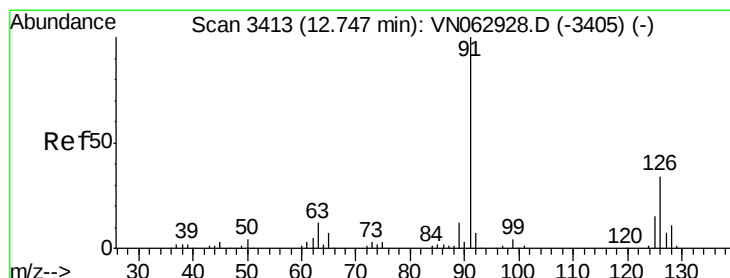
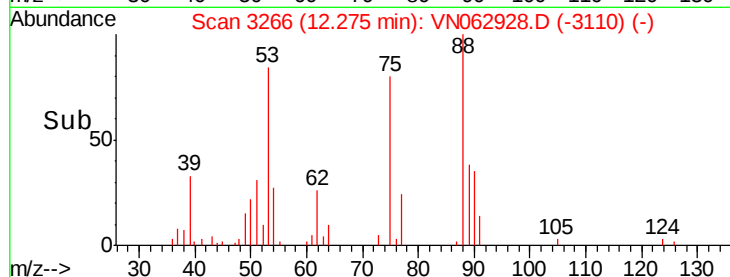
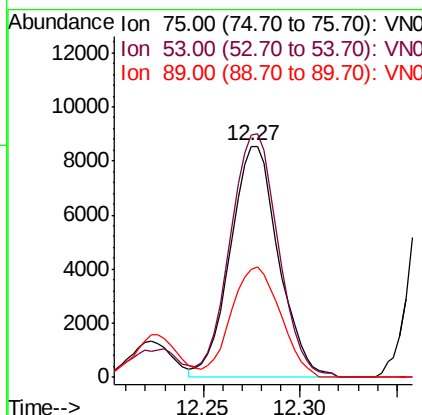
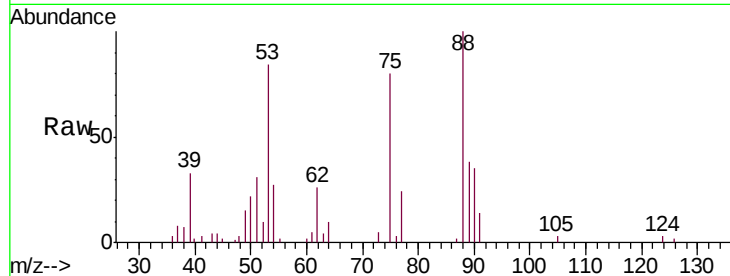




#77
t-1,4-Dichloro-2-butene
Concen: 16.621 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

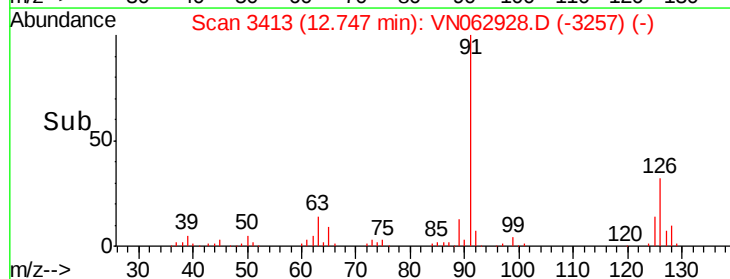
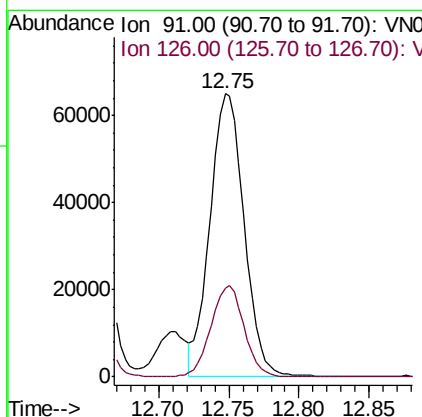
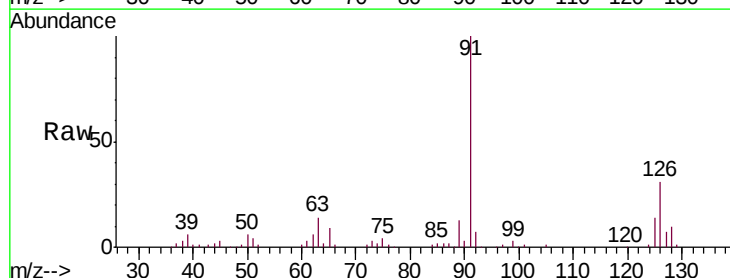
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC020

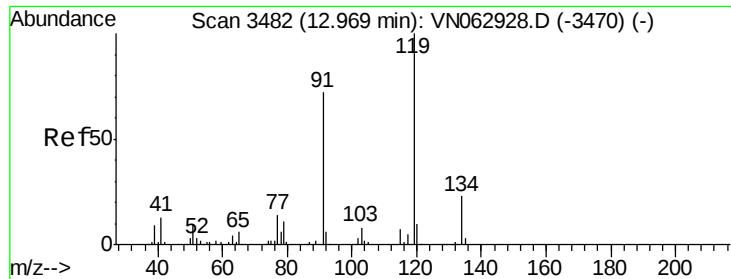
Tgt Ion: 75 Resp: 14838
Ion Ratio Lower Upper
75 100
53 104.7 52.3 157.1
89 46.9 23.4 70.3



#78
4-Chlorotoluene
Concen: 19.014 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Tgt Ion: 91 Resp: 108348
Ion Ratio Lower Upper
91 100
126 31.5 0.0 63.0

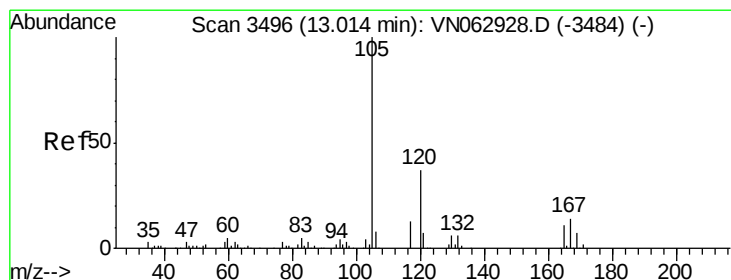
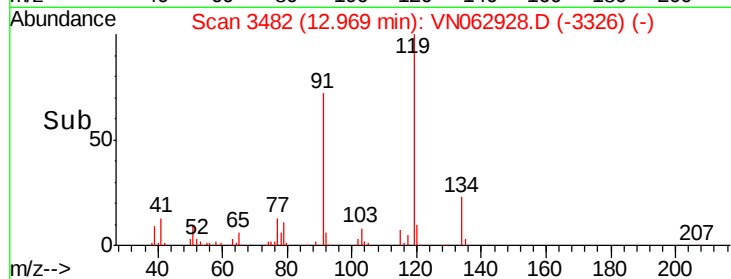
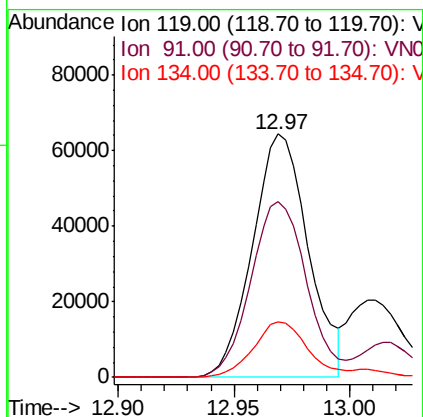
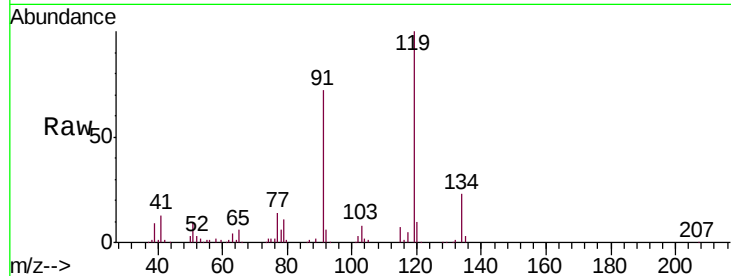




#79
tert-butylbenzene
Concen: 19.526 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

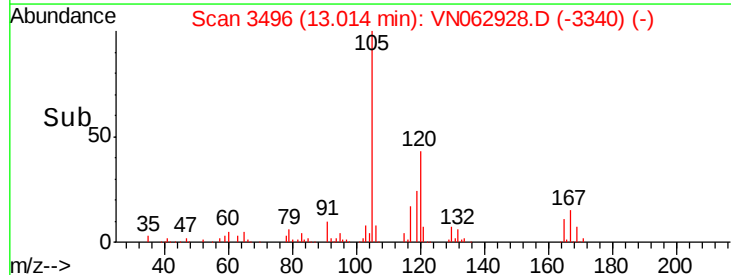
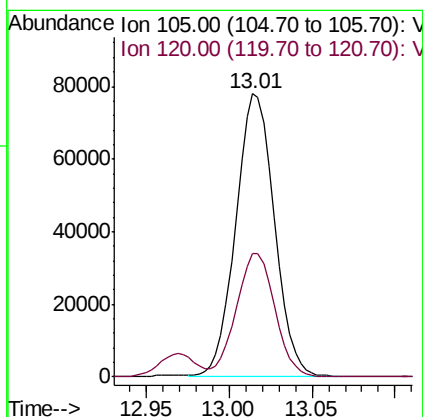
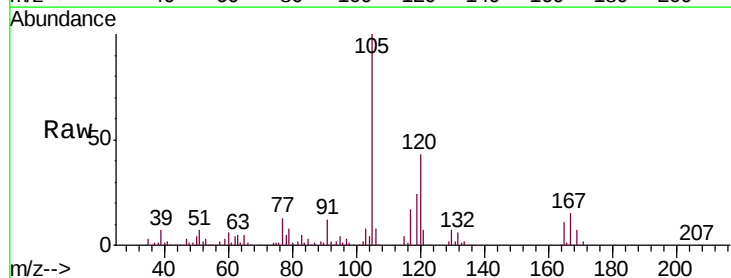
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC020

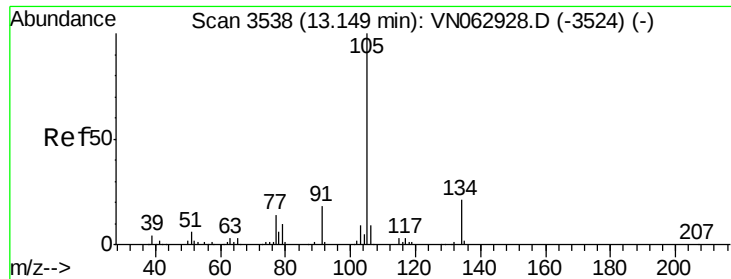
Tgt Ion:119 Resp: 107932
Ion Ratio Lower Upper
119 100
91 72.5 0.0 145.0
134 22.3 0.0 44.6



#80
1,2,4-Trimethylbenzene
Concen: 19.321 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Tgt Ion:105 Resp: 126670
Ion Ratio Lower Upper
105 100
120 43.3 0.0 86.6

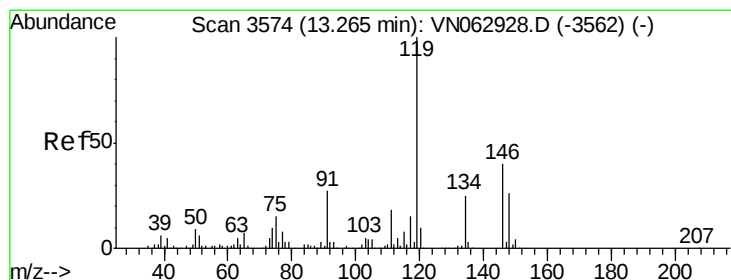
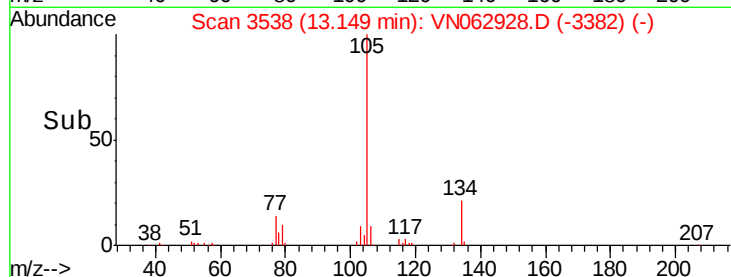
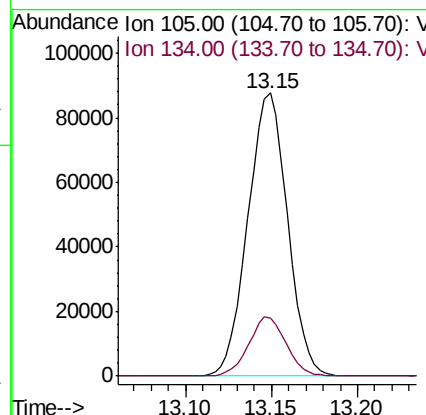
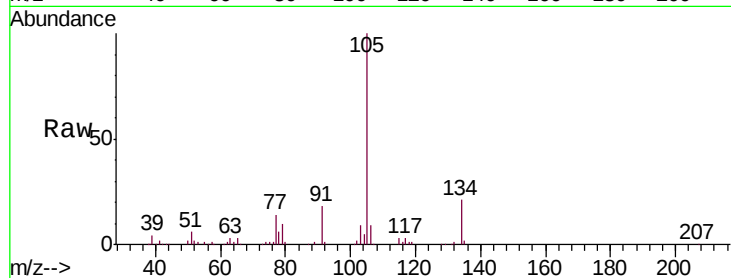




#81
 sec-Butylbenzene
 Concen: 18.940 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

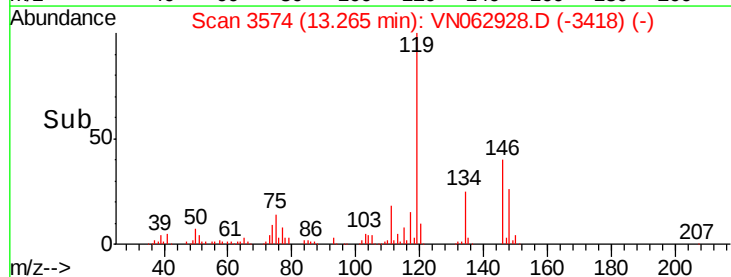
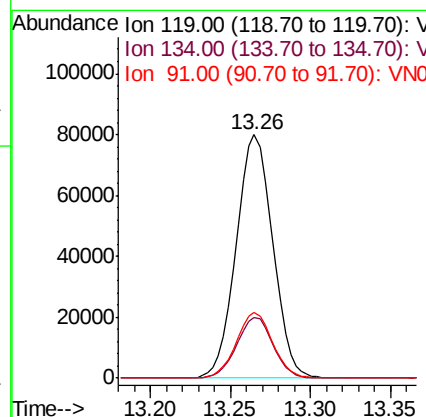
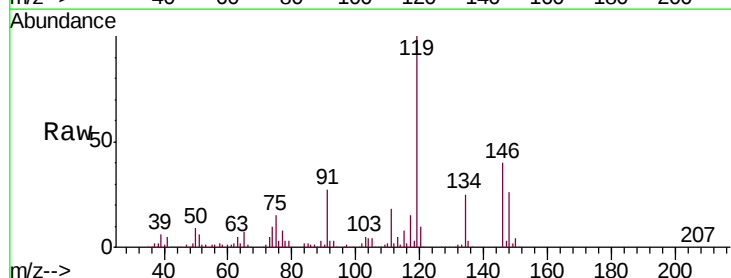
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC020

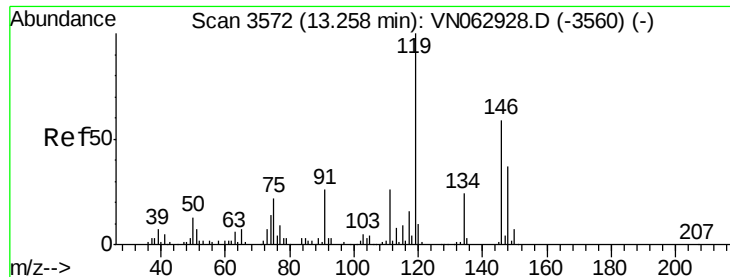
Tgt Ion:105 Resp: 140215
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 18.977 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

Tgt Ion:119 Resp: 124228
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 49.6
 91 26.8 0.0 53.6

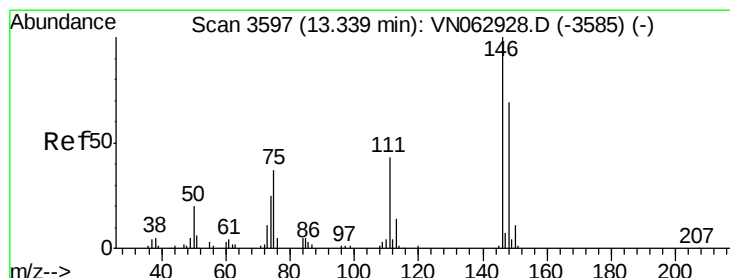
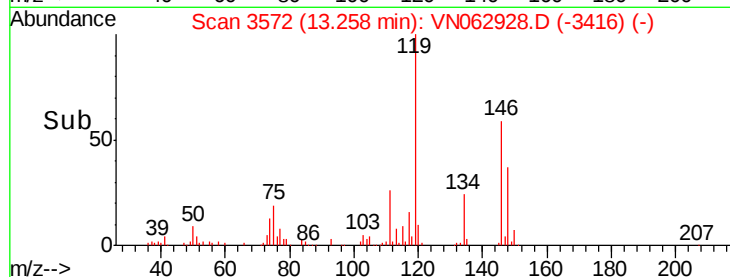
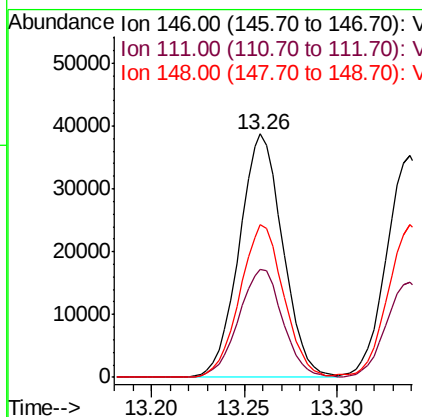
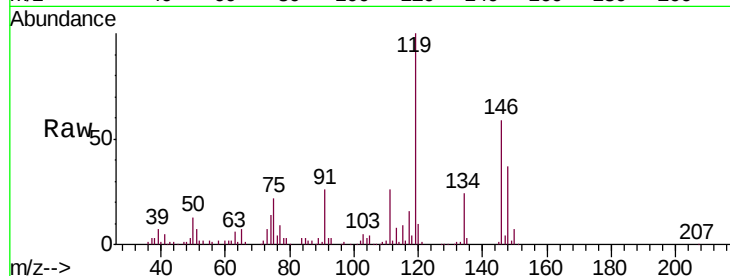




#83
 1,3-Dichlorobenzene
 Concen: 19.848 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

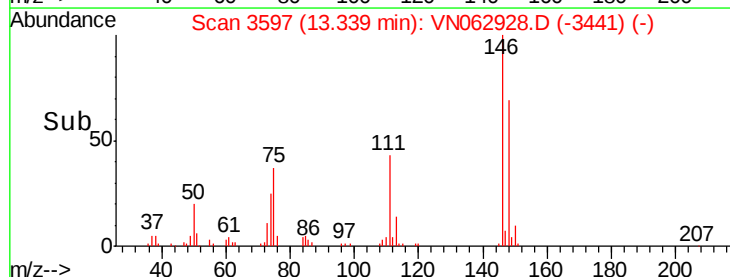
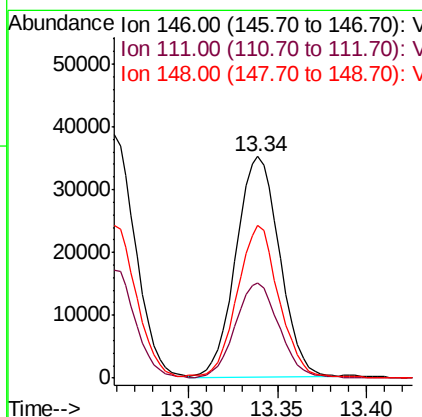
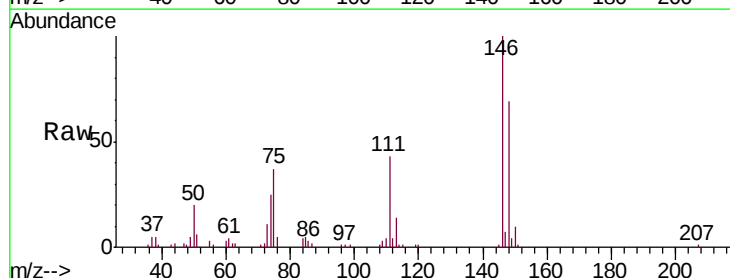
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC020

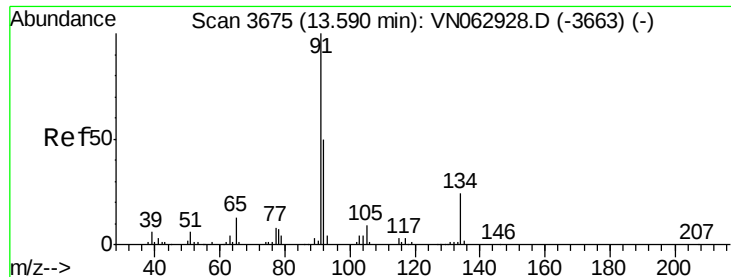
Tgt Ion:146 Resp: 63074
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.4 67.2
 148 63.1 31.6 94.7



#84
 1,4-Dichlorobenzene
 Concen: 19.204 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

Tgt Ion:146 Resp: 60092
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.6 64.8
 148 66.6 33.3 99.9

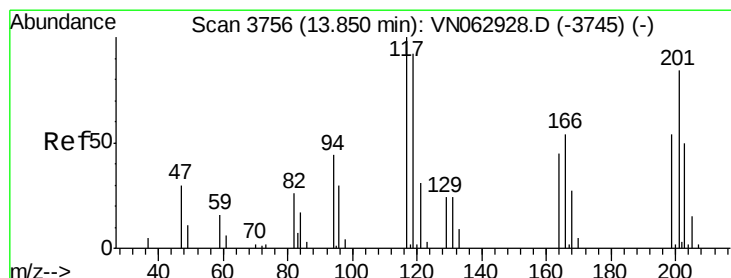
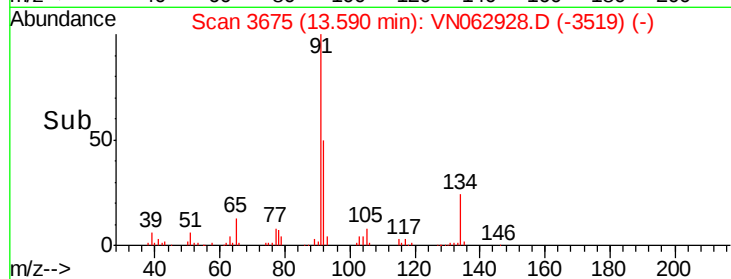
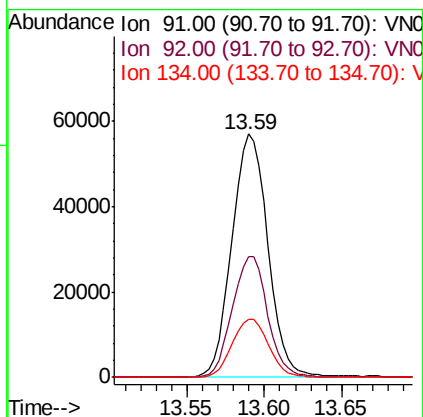
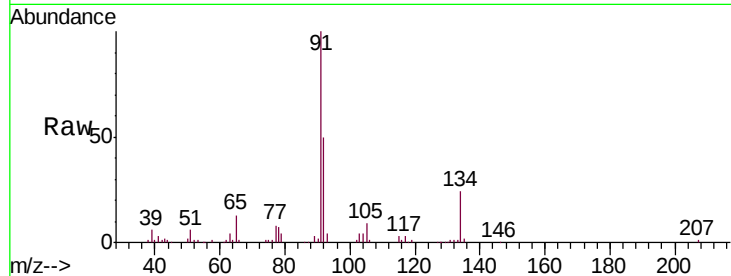




#85
n-Butylbenzene
Concen: 16.691 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

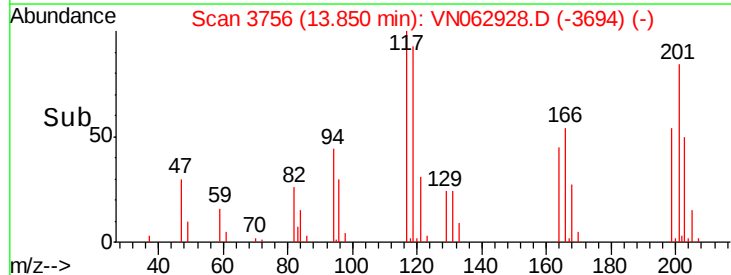
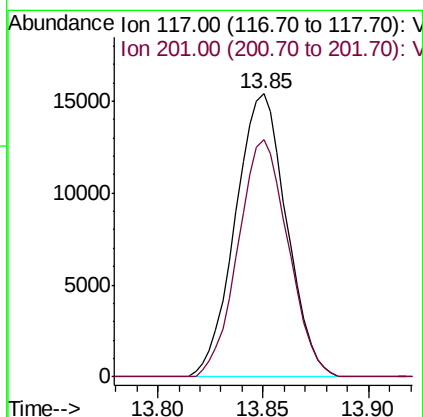
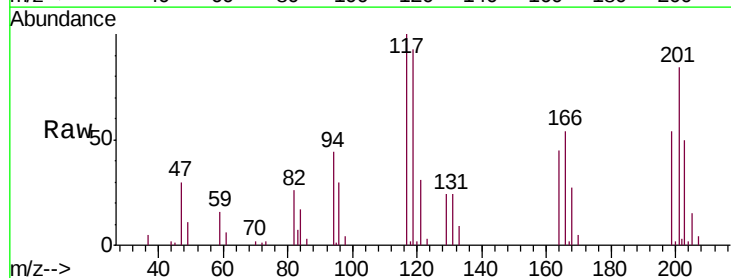
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC020

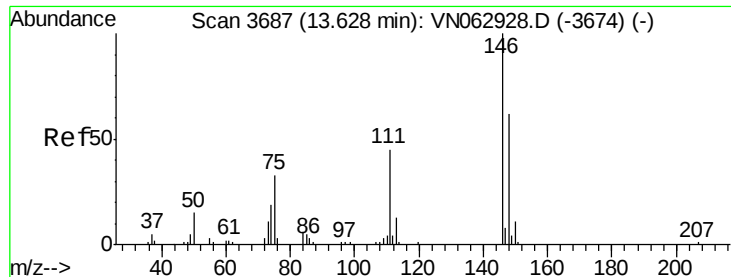
Tgt Ion:	91	Resp:	92416
Ion	Ratio	Lower	Upper
91	100		
92	48.6	0.0	97.2
134	24.2	0.0	48.4



#86
Hexachloroethane
Concen: 20.311 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Tgt Ion:	117	Resp:	26070
Ion	Ratio	Lower	Upper
117	100		
201	81.8	40.9	122.7

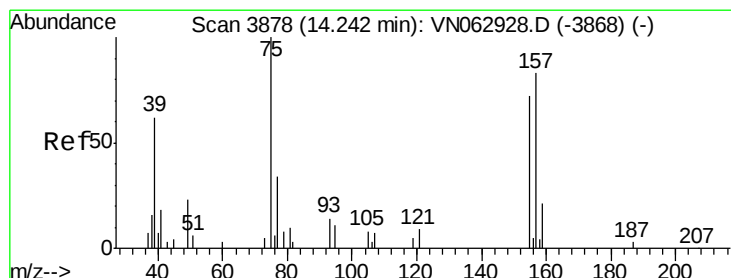
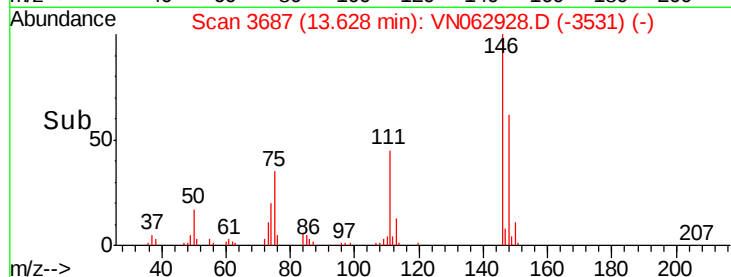
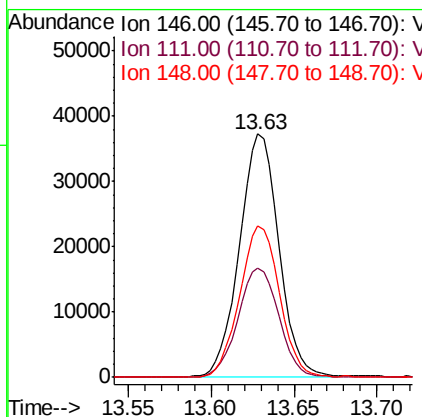
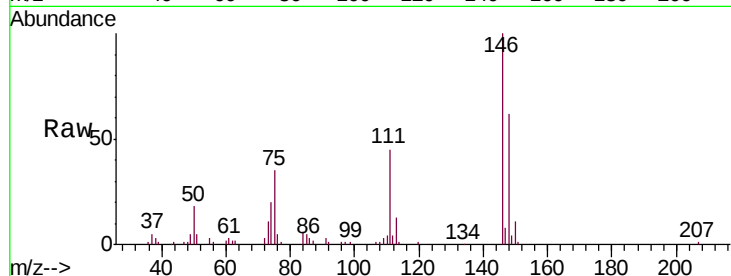




#87
 1,2-Dichlorobenzene
 Concen: 20.186 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

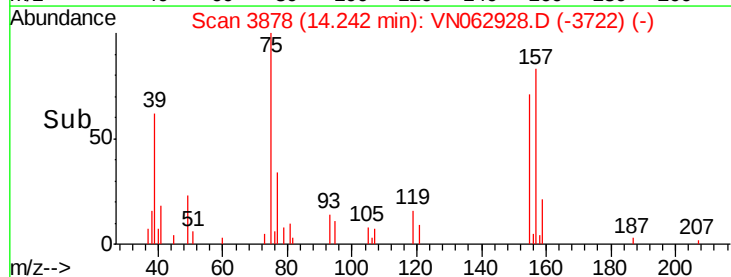
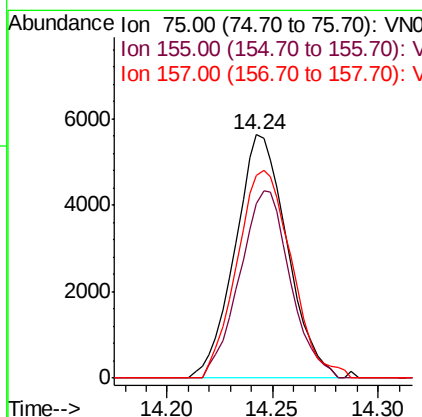
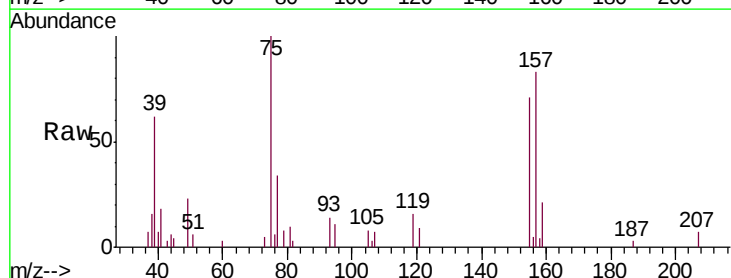
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC020

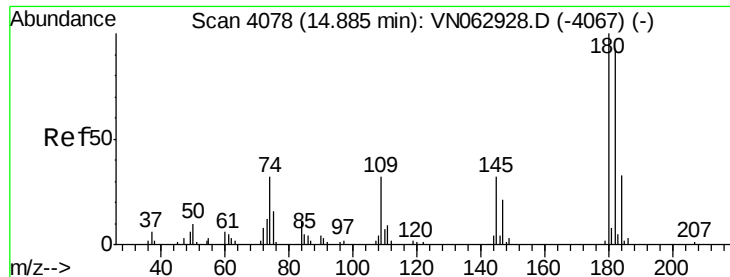
Tgt Ion: 146 Resp: 61813
 Ion Ratio Lower Upper
 146 100
 111 46.5 23.3 69.8
 148 62.5 31.3 93.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.106 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

Tgt Ion: 75 Resp: 9650
 Ion Ratio Lower Upper
 75 100
 155 74.8 59.8 89.8
 157 89.5 71.6 107.4

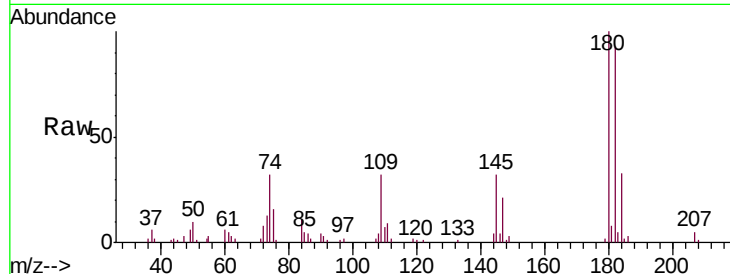




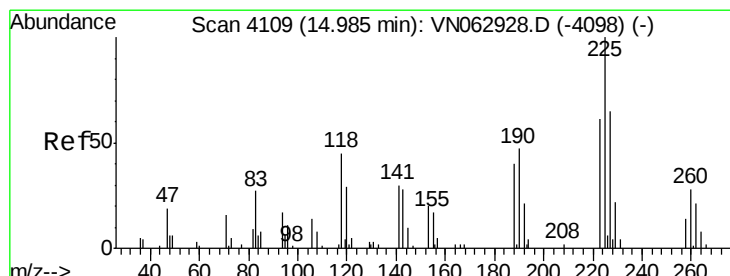
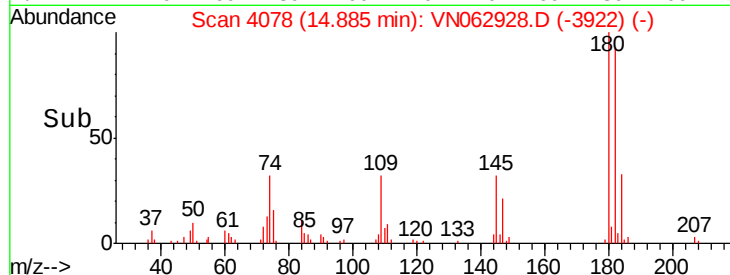
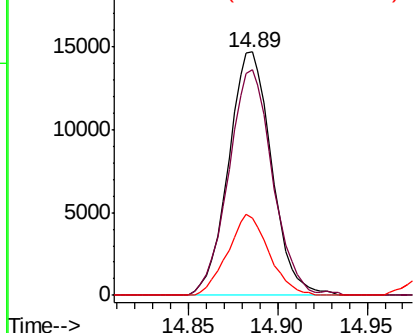
#89
 1,2,4-Trichlorobenzene
 Concen: 16.661 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC020

Tgt Ion:180 Resp: 24782
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.3 112.9
 145 31.8 25.4 38.2

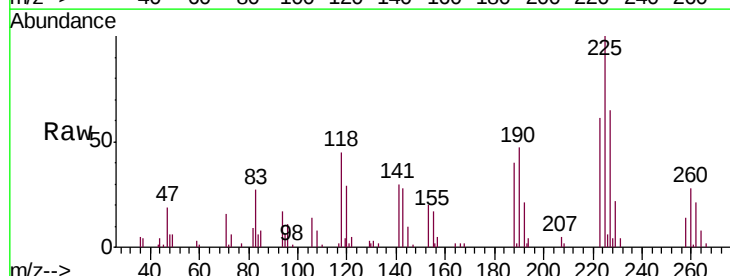


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

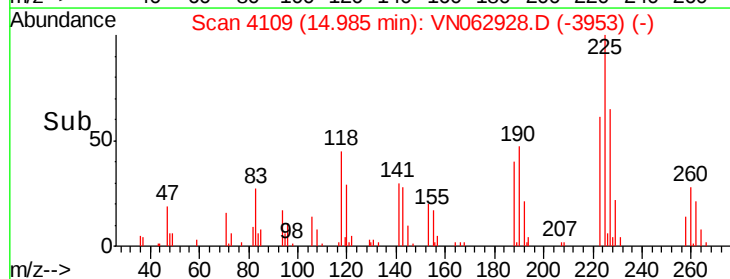
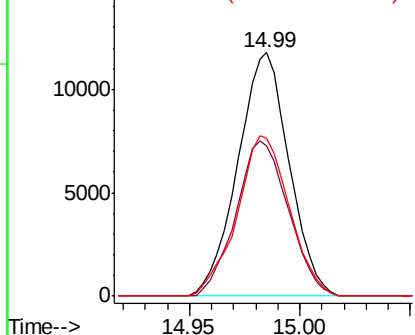


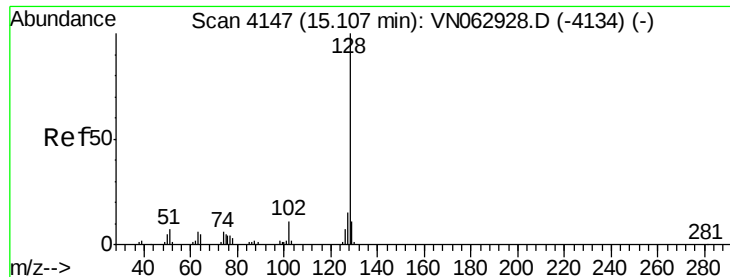
#90
 Hexachlorobutadiene
 Concen: 21.926 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062928.D
 Acq: 13 Aug 2020 22:57

Tgt Ion:225 Resp: 19017
 Ion Ratio Lower Upper
 225 100
 223 64.9 0.0 129.8
 227 66.8 0.0 133.6



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

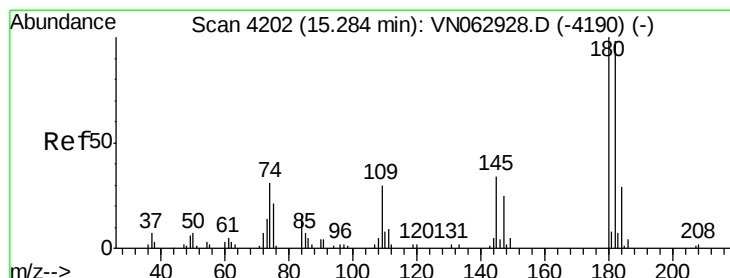
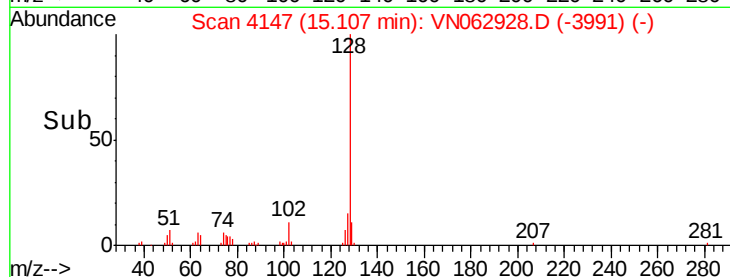
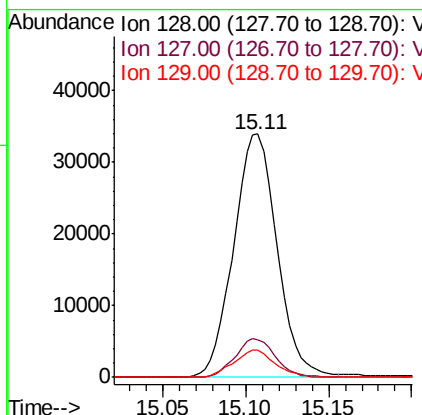
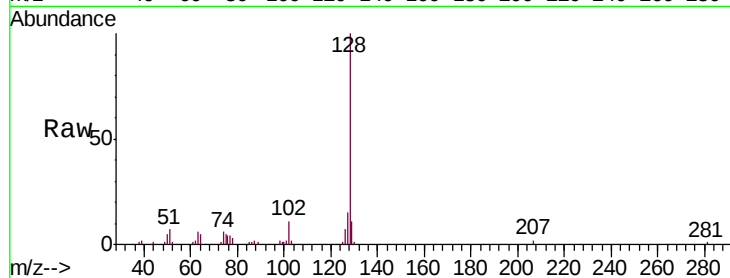




#91
Naphthalene
Concen: 15.551 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 61913
Ion Ratio Lower Upper
128 100
127 14.5 11.6 17.4
129 10.5 8.4 12.6



#92
1,2,3-Trichlorobenzene
Concen: 16.832 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062928.D
Acq: 13 Aug 2020 22:57

Tgt Ion:180 Resp: 25141
Ion Ratio Lower Upper
180 100
182 98.2 0.0 196.4
145 35.7 0.0 71.4

