

Data File : VN062929.D
Acq On : 13 Aug 2020 23:21
Operator : JC/MD
Sample : VSTDIC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC050

Quant Time: Aug 14 05:33:13 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	26809	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	144369	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	134273	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	73822	31.72	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.73%
60) 4-Bromofluorobenzene	12.38	95	73873	32.38	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	107.93%
63) Toluene-d8	10.06	98	190344	30.19	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.63%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	124341	70.585	ug/l	97
3) Chloromethane	2.03	50	96487	43.725	ug/l	97
4) Vinyl Chloride	2.16	62	96334	48.830	ug/l	98
5) Bromomethane	2.51	94	92401	79.007	ug/l	100
6) Chloroethane	2.66	64	97320	83.916	ug/l	97
7) Trichlorofluoromethane	2.97	101	206524	74.587	ug/l	99
8) Diethyl Ether	3.37	74	45197	42.109	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	68252	46.230	ug/l	97
10) 1,1-Dichloroethene	3.69	96	61963	41.960	ug/l	94
11) Methyl Iodide	3.91	142	90833	49.142	ug/l	96
12) Methyl Acetate	4.28	43	94836	46.774	ug/l	99
13) Acrolein	3.56	56	62964	218.632	ug/l	95
14) Acrylonitrile	4.93	53	217421	234.056	ug/l	96
15) Acetone	3.78	58	56588	209.312	ug/l	88
16) Carbon Disulfide	4.00	76	166940	35.585	ug/l	100
17) Allyl chloride	4.27	41	104899	35.022	ug/l	99
18) Methylene Chloride	4.50	84	79392	43.543	ug/l	99
19) trans-1,2-Dichloroethene	4.99	96	69323	42.486	ug/l	98
20) Diisopropyl ether	5.91	45	262416	41.167	ug/l	98
21) 1,1-Dichloroethane	5.80	63	145879	42.423	ug/l	98
22) cis-1,2-Dichloroethene	6.78	96	84673	45.419	ug/l #	88
23) tert-Butyl Alcohol	4.74	59	88418	271.529	ug/l #	100
24) Methyl tert-Butyl Ether	5.00	73	286687	51.162	ug/l	100
25) Chloroform	7.33	83	164828	50.820	ug/l	100
26) Cyclohexane	7.61	56	131240	43.903	ug/l #	93
29) 1,1-Dichloropropene	7.75	75	106521	44.660	ug/l	99
30) 2-Butanone	6.79	43	280300	227.080	ug/l	99
31) 2,2-Dichloropropane	6.78	77	106142	40.341	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	148796	55.451	ug/l	97
33) Carbon Tetrachloride	7.73	117	131720	56.244	ug/l	98
34) Benzene	8.00	78	318076	44.964	ug/l #	89
35) Methacrylonitrile	7.12	41	40466	37.766	ug/l	96
36) 1,2-Dichloroethane	8.09	62	140537	53.058	ug/l	99
37) Trichloroethene	8.80	130	77207	47.568	ug/l	94
38) Methylcyclohexane	9.05	83	130332	48.258	ug/l	98
39) 1,2-Dichloropropane	9.09	63	88791	44.390	ug/l	99
40) Dibromomethane	9.18	93	59346	49.834	ug/l	99

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	136370	53.311	ug/l	98
42) Vinyl Acetate	5.84	43	931133	186.545	ug/l	99
43) Ethyl Acetate	6.88	43	105993	42.414	ug/l #	88
44) Isopropyl Acetate	8.13	43	179200	42.967	ug/l	97
45) 1,4-Dioxane	9.17	88	34754	1140.831	ug/l	97
46) Methyl methacrylate	9.17	41	89391	44.825	ug/l	98
47) n-amyl Acetate	12.05	43	159016	44.603	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	142410	48.817	ug/l	98
49) cis-1,3-Dichloropropene	9.81	75	142568	46.049	ug/l	97
50) 1,1,2-Trichloroethane	10.54	97	85155	50.839	ug/l	96
51) Ethyl methacrylate	10.40	69	136592	49.734	ug/l	95
52) 1,3-Dichloropropane	10.68	76	147576	48.566	ug/l	99
53) Dibromochloromethane	10.87	129	104507	56.126	ug/l	99
54) 1,2-Dibromoethane	10.98	107	88230	51.437	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	164677	198.091	ug/l	98
56) Bromoform	12.10	173	72920	56.909	ug/l	97
58) 4-Methyl-2-Pentanone	9.95	43	597386	236.890	ug/l	99
59) 2-Hexanone	10.72	43	446558	241.904	ug/l	97
61) Tetrachloroethene	10.60	164	70113	51.469	ug/l	98
62) Toluene	10.12	91	357565	48.134	ug/l	98
64) Chlorobenzene	11.41	112	223226	50.257	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	93181	55.294	ug/l	99
66) Ethyl Benzene	11.48	91	411286	50.009	ug/l	100
67) m/p-Xylenes	11.60	106	306435	101.329	ug/l	99
68) o-Xylene	11.92	106	147138	51.105	ug/l	100
69) Styrene	11.94	104	261266	52.673	ug/l	98
70) Isopropylbenzene	12.22	105	420082	53.650	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	132359	52.078	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	179972	71.674	ug/l	75
73) Bromobenzene	12.50	156	99722	54.279	ug/l	100
74) n-propylbenzene	12.57	91	479677	51.814	ug/l	98
75) 2-Chlorotoluene	12.65	91	294288	52.247	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	375668	55.758	ug/l	100
77) t-1,4-Dichloro-2-butene	12.28	75	43076	47.980	ug/l	92
78) 4-Chlorotoluene	12.75	91	304854	53.197	ug/l	100
79) tert-butylbenzene	12.97	119	310450	55.845	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	369634	56.063	ug/l	100
81) sec-Butylbenzene	13.15	105	406880	54.649	ug/l	98
82) p-Isopropyltoluene	13.26	119	372278	56.549	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	180555	56.494	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	176692	56.147	ug/l	98
85) n-Butylbenzene	13.59	91	290745	52.214	ug/l	98
86) Hexachloroethane	13.85	117	70689	54.761	ug/l	97
87) 1,2-Dichlorobenzene	13.63	146	176451	57.296	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.25	75	30974	64.170	ug/l	95
89) 1,2,4-Trichlorobenzene	14.88	180	84612	56.565	ug/l	99
90) Hexachlorobutadiene	14.98	225	54800	62.826	ug/l	96
91) Naphthalene	15.10	128	228468	57.061	ug/l	98
92) 1,2,3-Trichlorobenzene	15.28	180	86533	57.608	ug/l	96

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

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 14 05:30:32 2020
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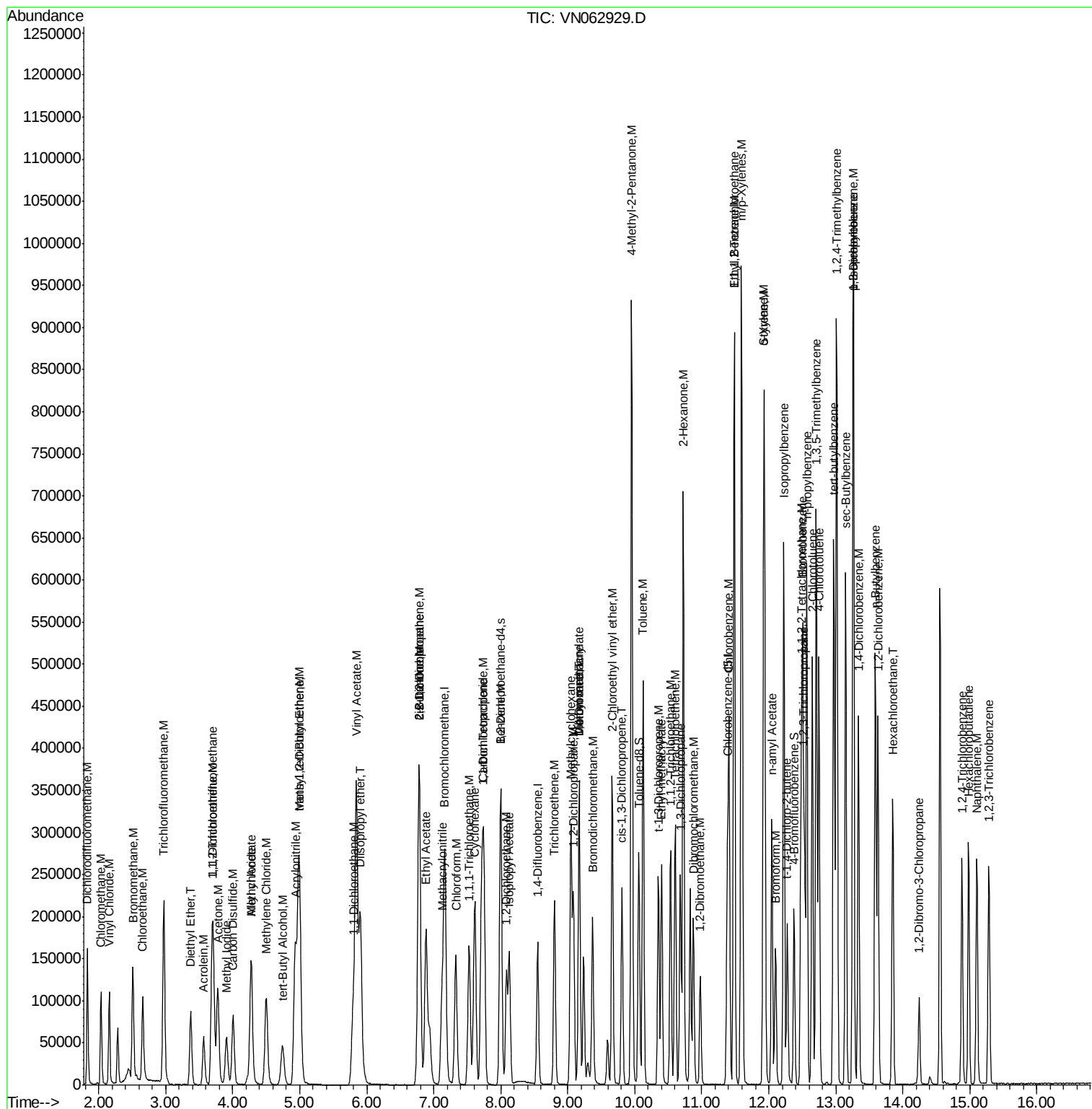
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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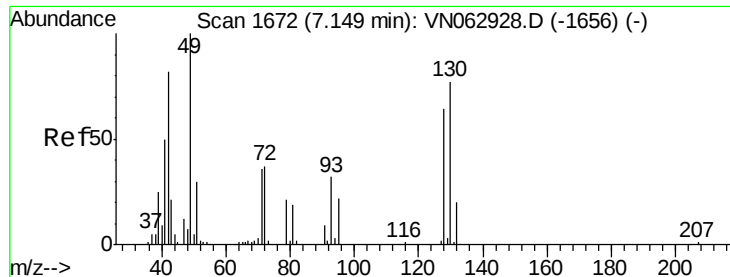
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC050

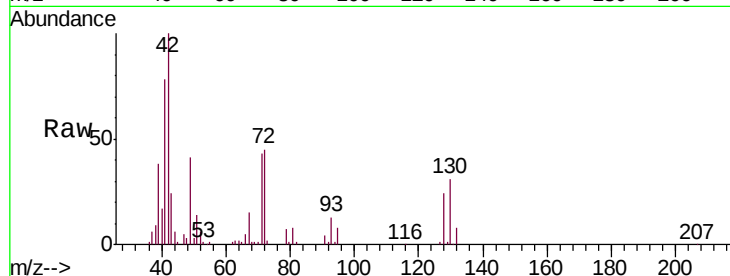
Tgt Ion:128 Resp: 26809

Ion Ratio Lower Upper

128 100

49 166.4 0.0 410.0

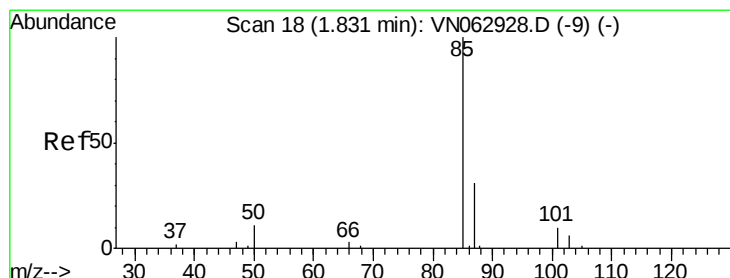
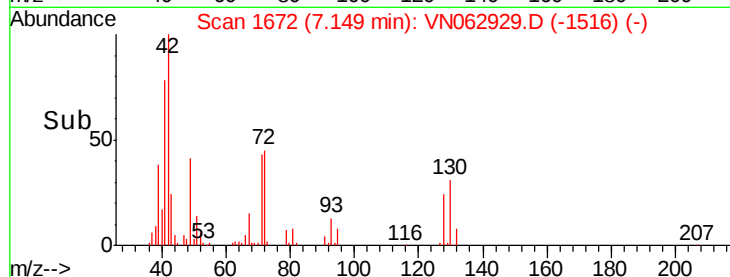
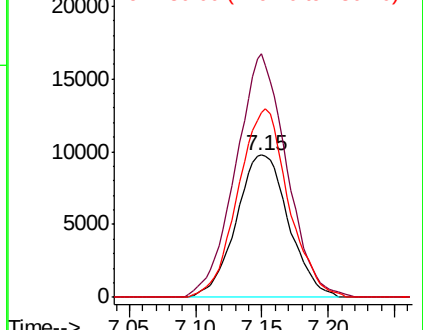
130 128.0 0.0 316.5



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: 70.585 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062929.D

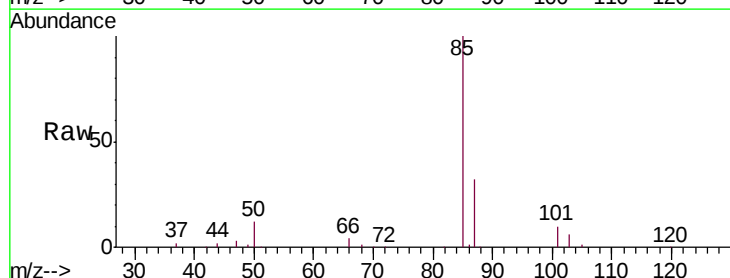
Acq: 13 Aug 2020 23:21

Tgt Ion: 85 Resp: 124341

Ion Ratio Lower Upper

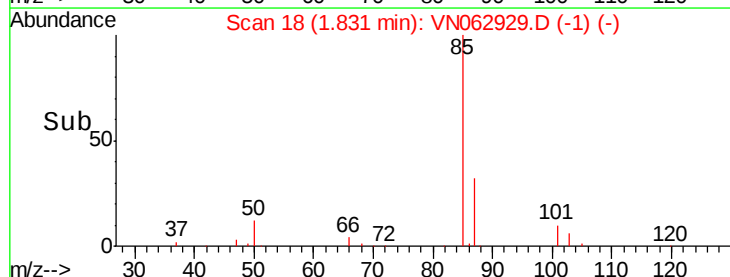
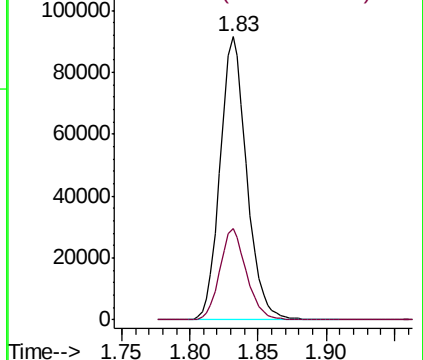
85 100

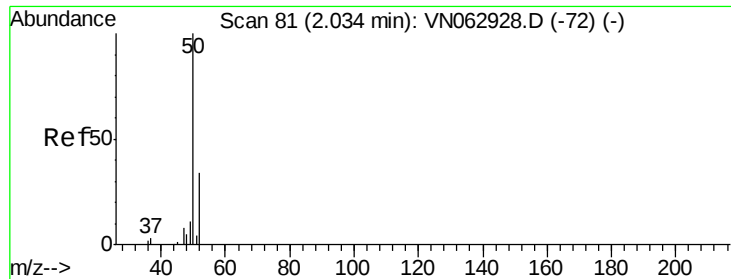
87 32.3 15.4 46.2



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 43.725 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

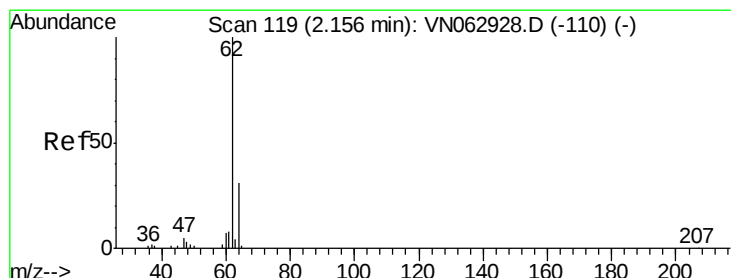
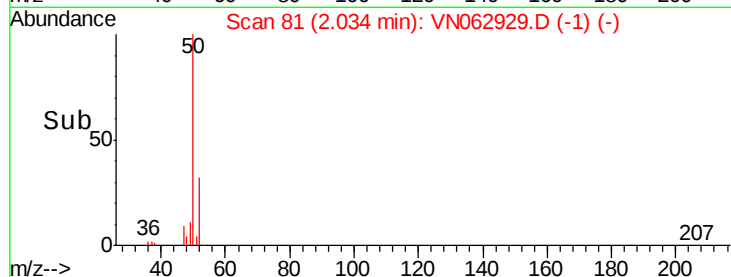
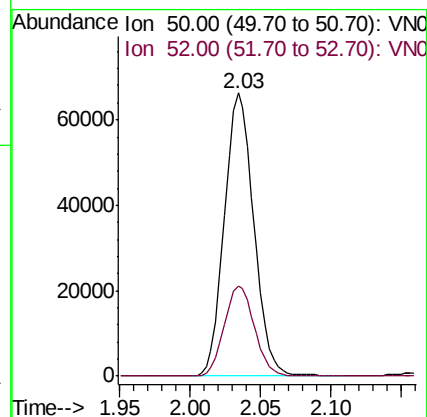
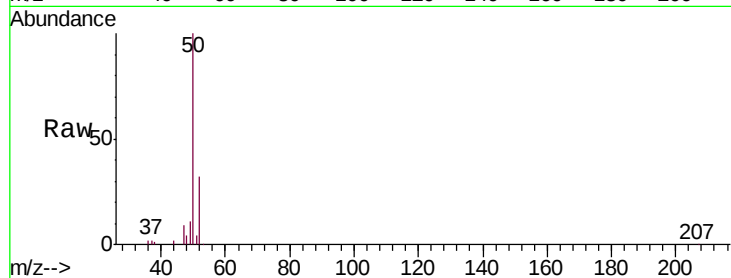
VSTDIC050

Tgt Ion: 50 Resp: 96487

Ion Ratio Lower Upper

50 100

52 32.0 27.1 40.7



#4

Vinyl Chloride

Concen: 48.830 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062929.D

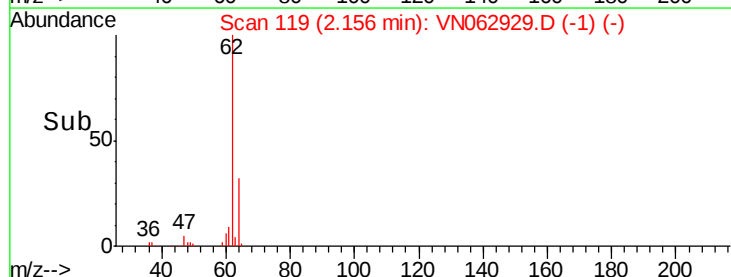
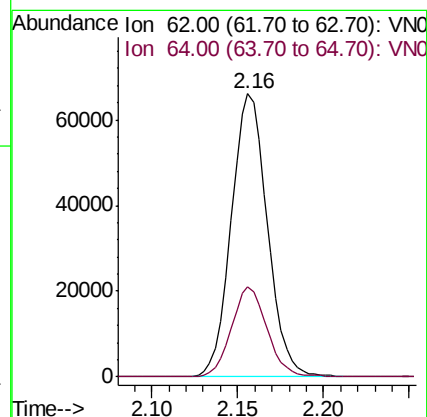
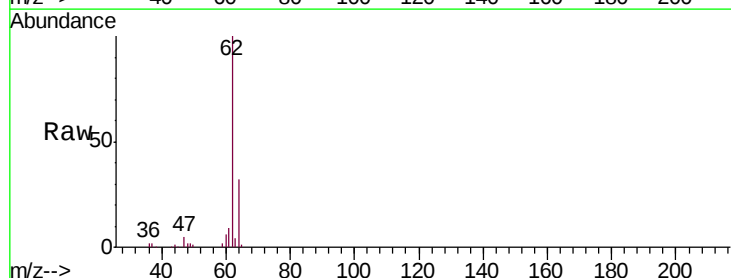
Acq: 13 Aug 2020 23:21

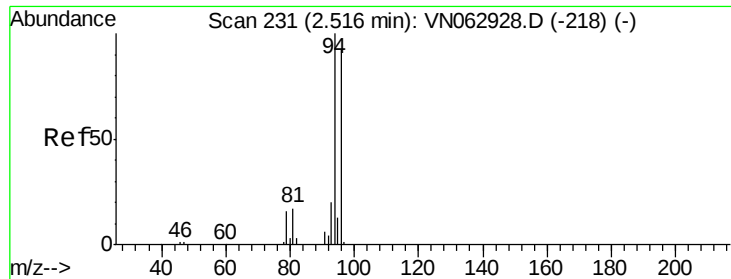
Tgt Ion: 62 Resp: 96334

Ion Ratio Lower Upper

62 100

64 31.8 24.6 37.0





#5

Bromomethane

Concen: 79.007 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.01 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

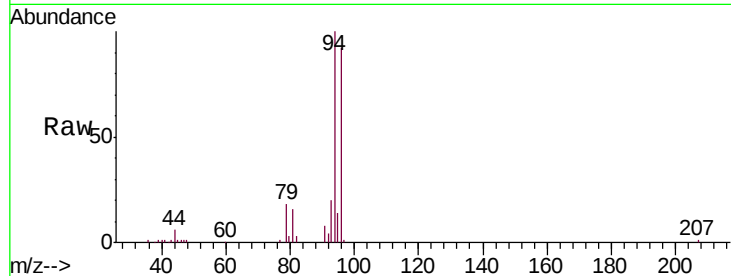
VSTDIC050

Tgt Ion: 94 Resp: 92401

Ion Ratio Lower Upper

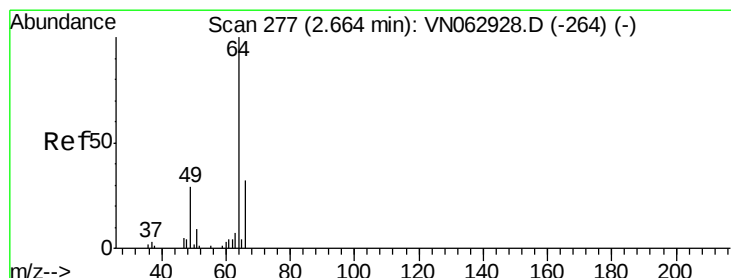
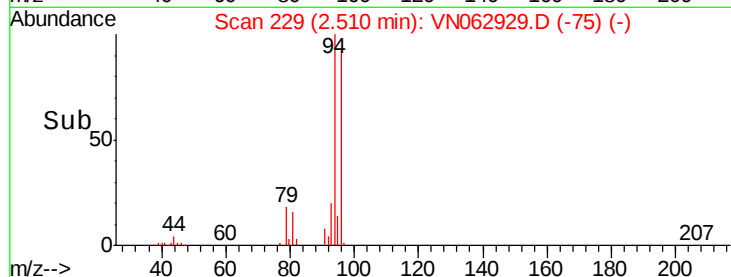
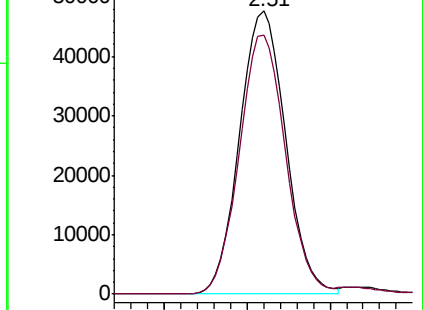
94 100

96 91.7 73.7 110.5



Abundance Ion 94.00 (93.70 to 94.70): VN062929.D (-229) (-)

Ion 96.00 (95.70 to 96.70): VN062929.D (-229) (-)



#6

Chloroethane

Concen: 83.916 ug/l

RT: 2.66 min Scan# 275

Delta R.T. -0.01 min

Lab File: VN062929.D

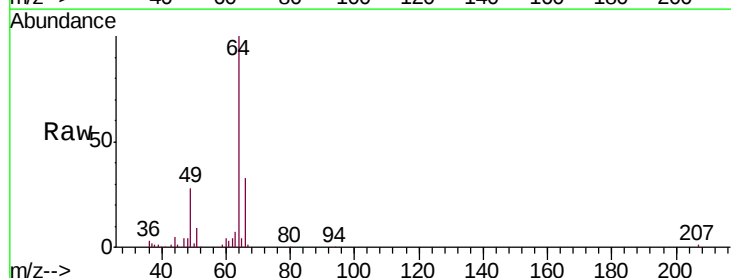
Acq: 13 Aug 2020 23:21

Tgt Ion: 64 Resp: 97320

Ion Ratio Lower Upper

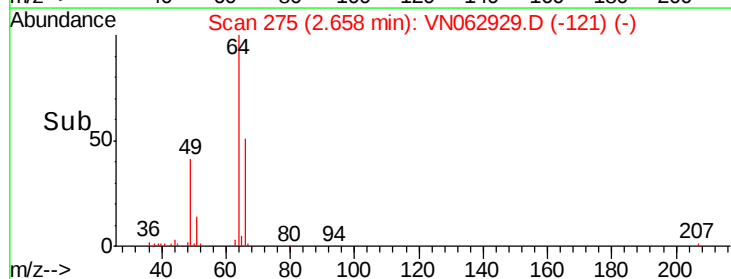
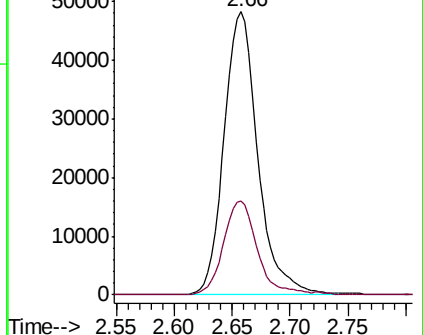
64 100

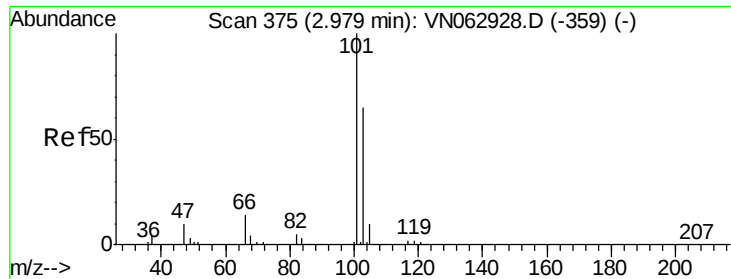
66 33.3 25.3 37.9



Abundance Ion 64.00 (63.70 to 64.70): VN062929.D (-275) (-)

Ion 66.00 (65.70 to 66.70): VN062929.D (-275) (-)



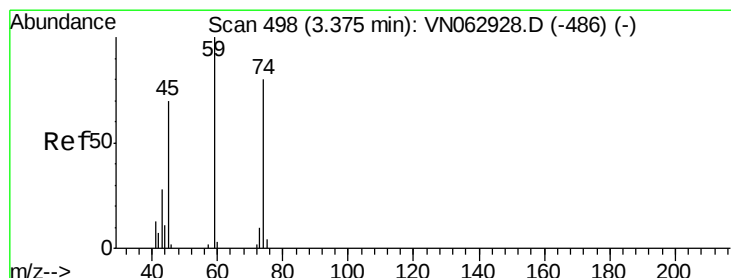
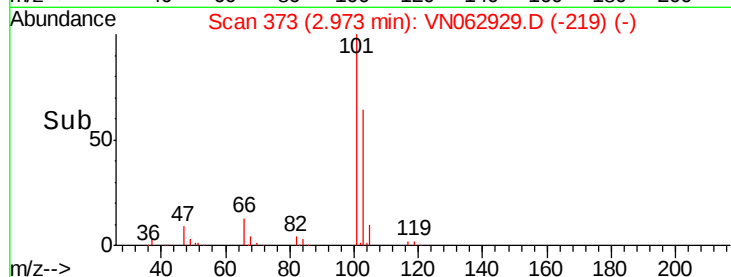
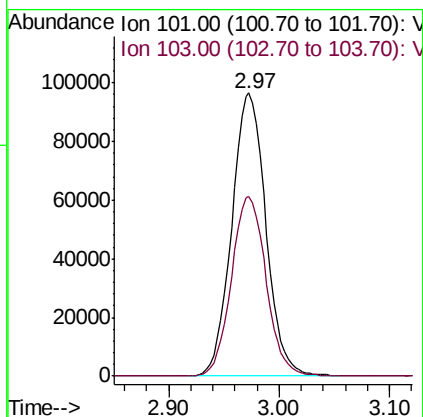
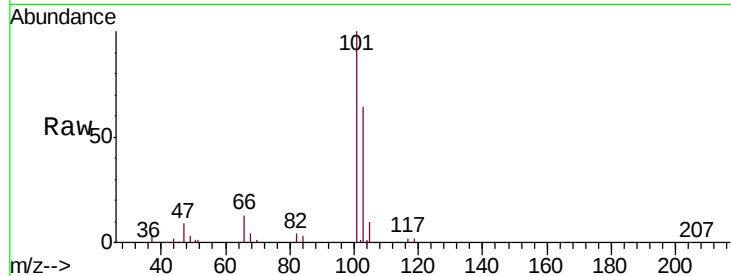


#7

Trichlorofluoromethane
Concen: 74.587 ug/l
RT: 2.97 min Scan# 373
Delta R.T. -0.01 min
Lab File: VN062929.D
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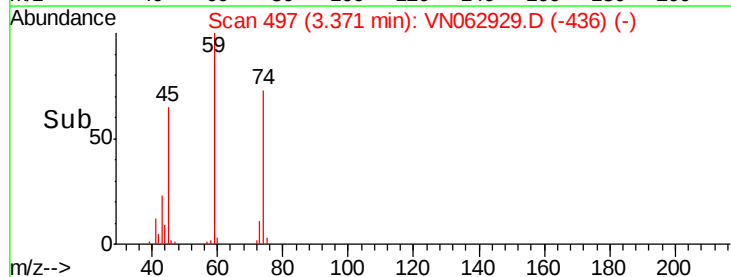
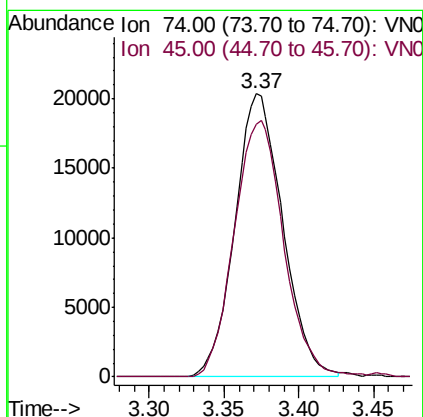
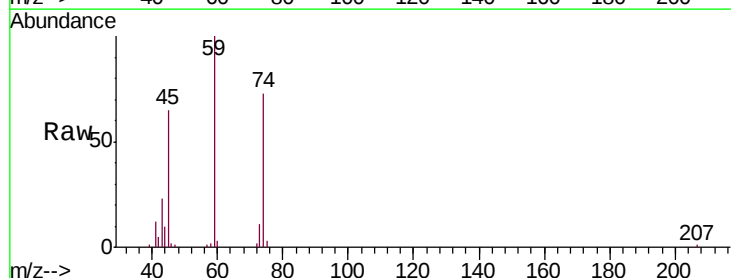
Tgt Ion: 101 Resp: 206524
Ion Ratio Lower Upper
101 100
103 63.7 51.8 77.6

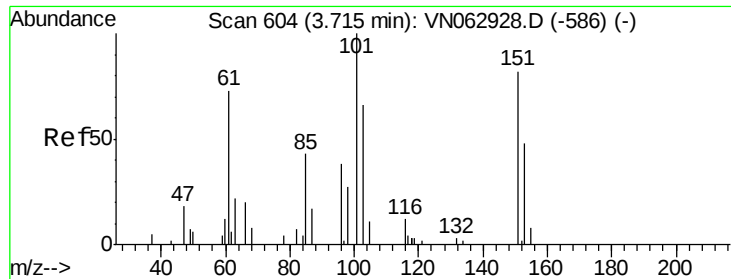


#8

Diethyl Ether
Concen: 42.109 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

Tgt Ion: 74 Resp: 45197
Ion Ratio Lower Upper
74 100
45 93.8 18.7 167.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.230 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062929.D

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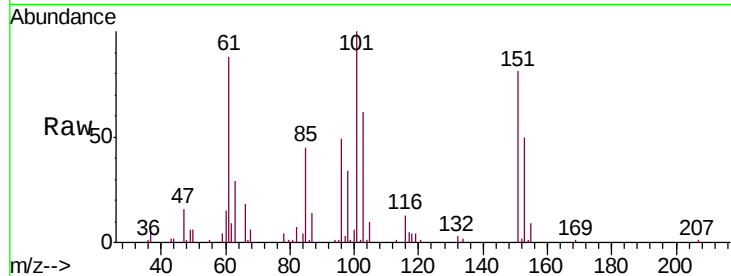
Tgt Ion:101 Resp: 68252

Ion Ratio Lower Upper

101 100

85 45.6 0.0 92.4

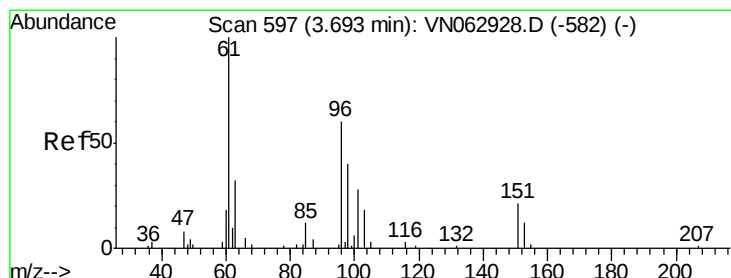
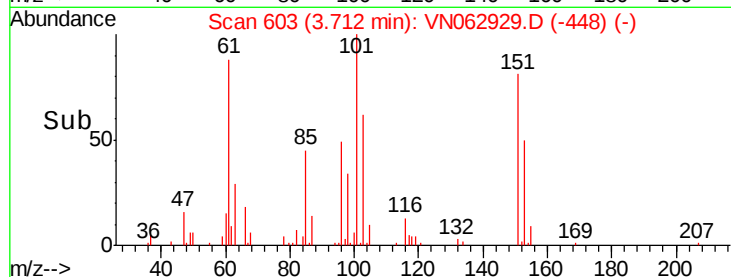
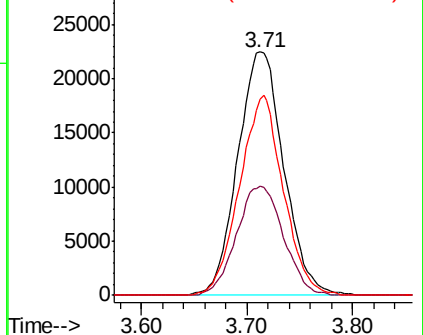
151 77.7 0.0 162.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 41.960 ug/l

RT: 3.69 min Scan# 596

Delta R.T. -0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

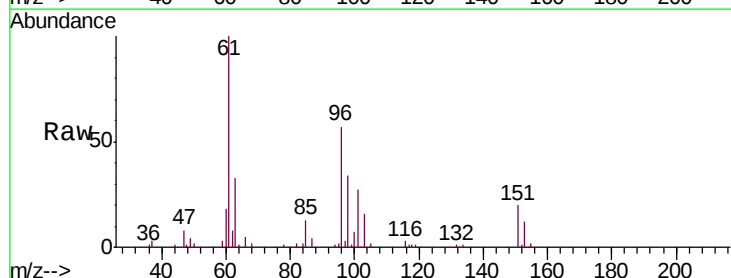
Tgt Ion: 96 Resp: 61963

Ion Ratio Lower Upper

96 100

61 173.8 134.5 201.7

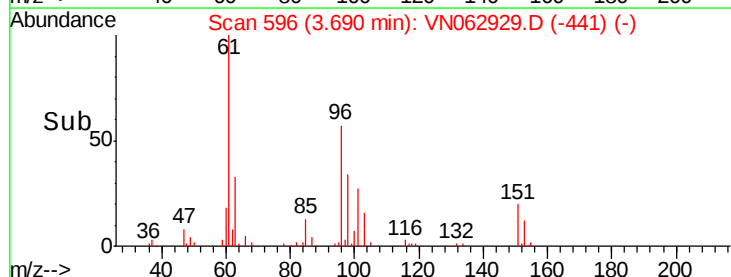
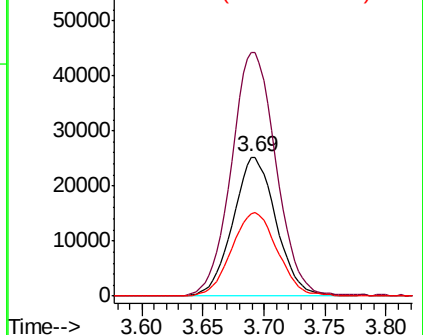
98 59.6 53.3 79.9

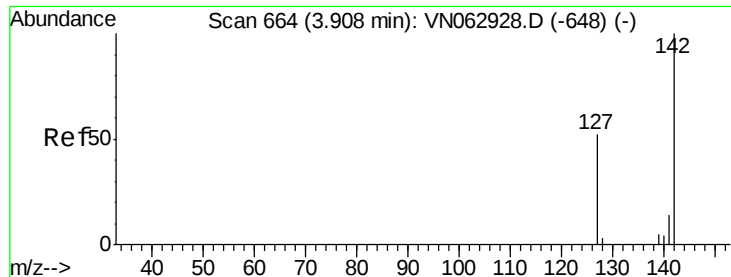


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

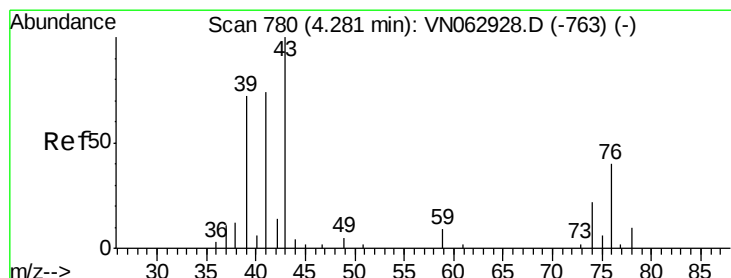
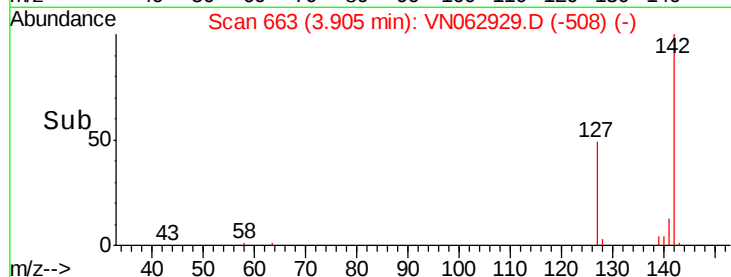
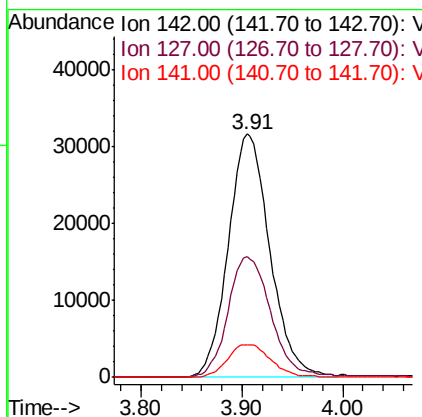
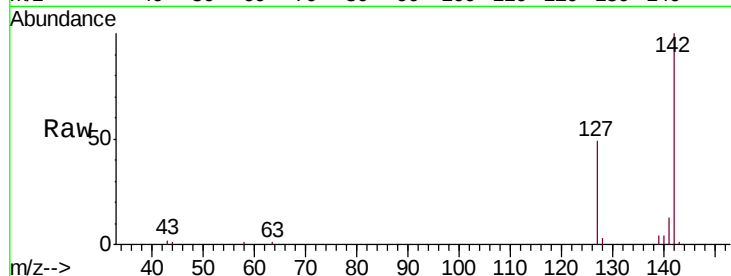




#11
Methyl Iodide
Concen: 49.142 ug/l
RT: 3.91 min Scan# 663
Delta R.T. -0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

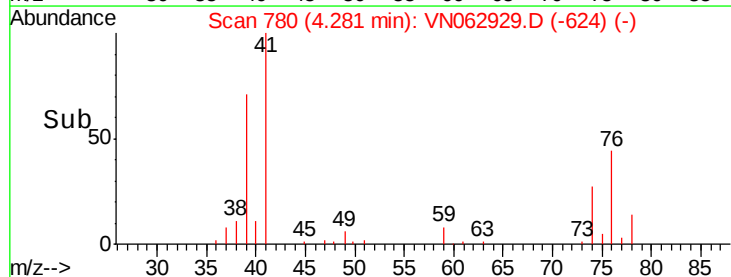
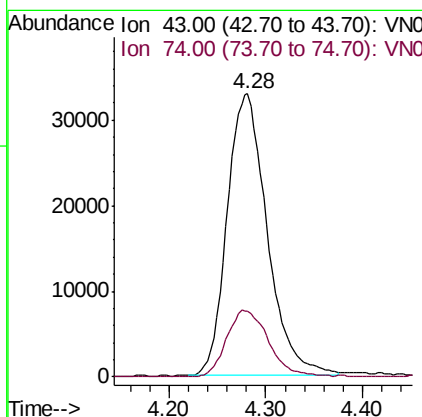
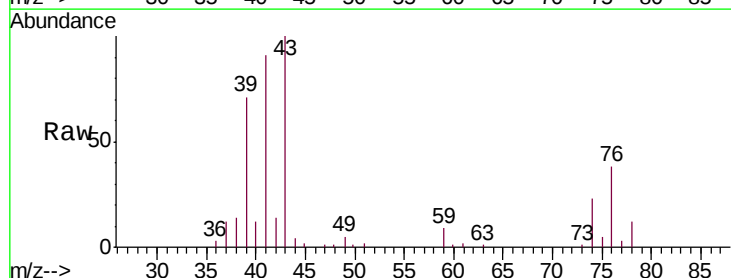
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC050

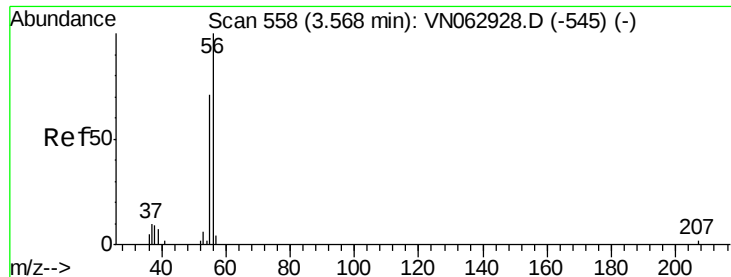
Tgt Ion: 142 Resp: 90833
Ion Ratio Lower Upper
142 100
127 49.3 26.1 78.3
141 13.5 7.2 21.7



#12
Methyl Acetate
Concen: 46.774 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

Tgt Ion: 43 Resp: 94836
Ion Ratio Lower Upper
43 100
74 23.1 18.1 27.1

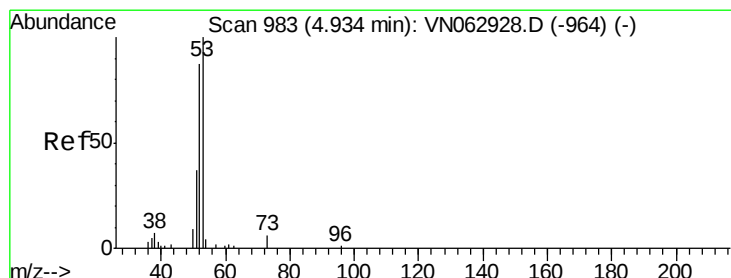
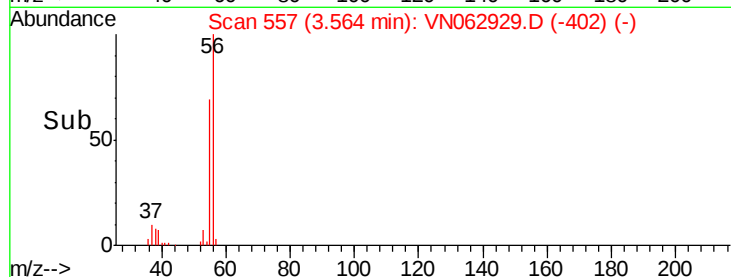
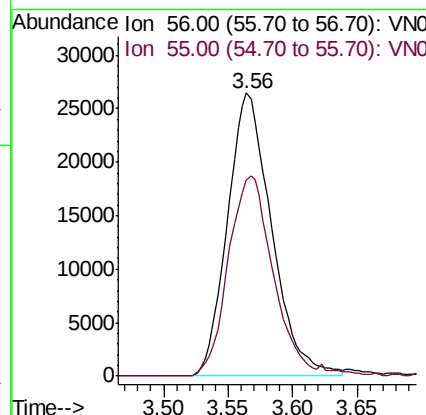
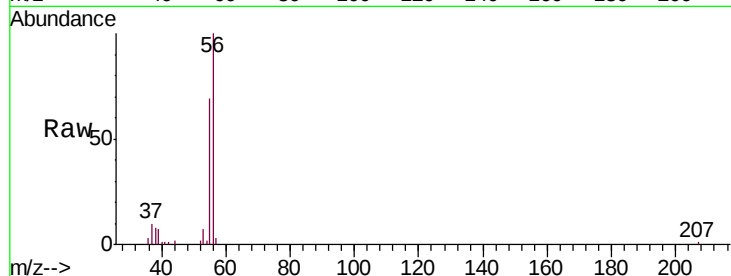




#13
Acrolein
Concen: 218.632 ug/l
RT: 3.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

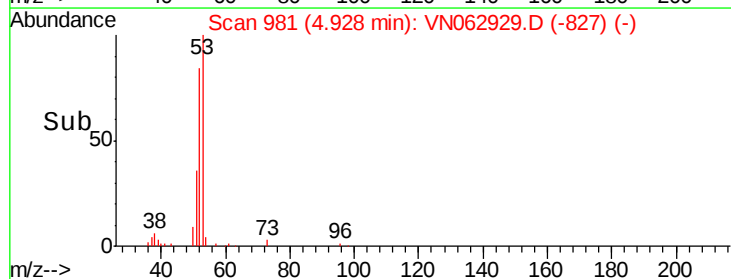
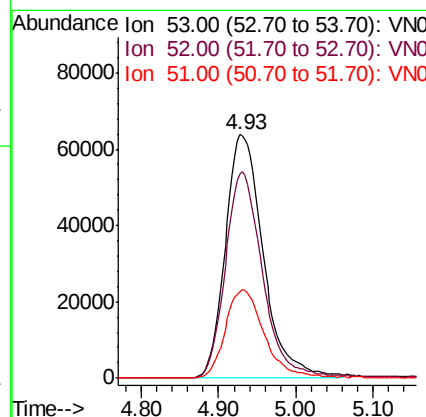
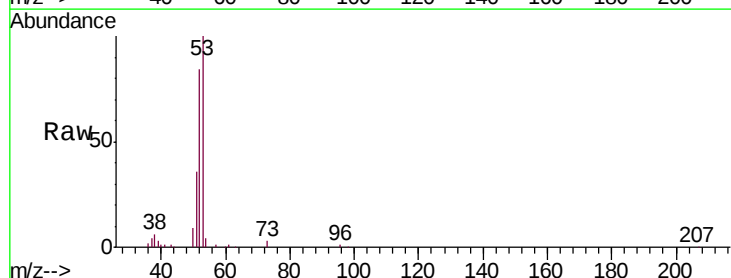
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC050

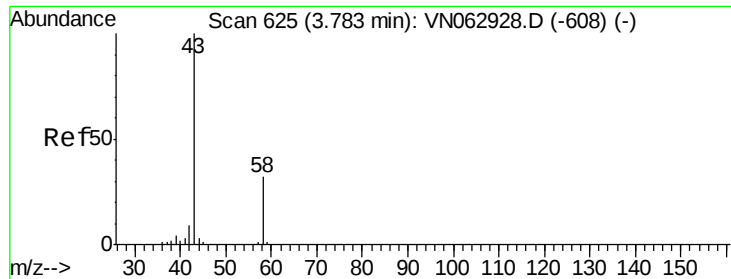
Tgt Ion: 56 Resp: 62964
Ion Ratio Lower Upper
56 100
55 71.3 60.2 90.4



#14
Acrylonitrile
Concen: 234.056 ug/l
RT: 4.93 min Scan# 981
Delta R.T. -0.01 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

Tgt Ion: 53 Resp: 217421
Ion Ratio Lower Upper
53 100
52 82.3 43.1 129.4
51 36.8 19.1 57.1





#15

Acetone

Concen: 209.312 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

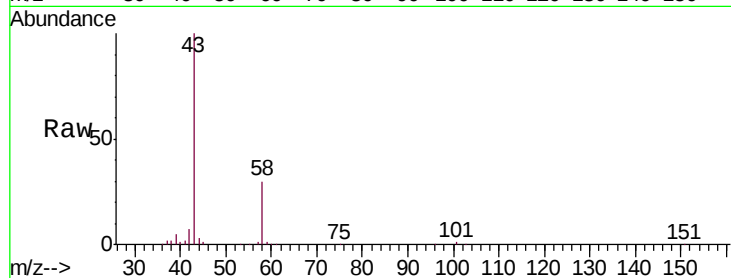
VSTDIC050

Tgt Ion: 58 Resp: 56588

Ion Ratio Lower Upper

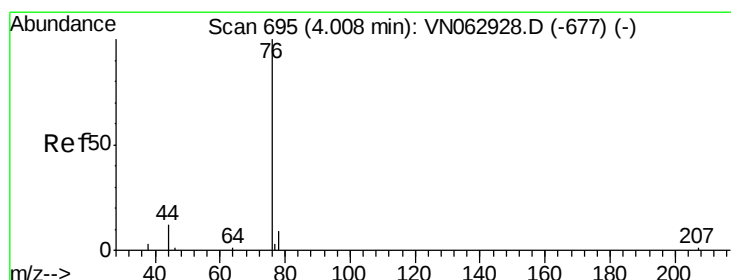
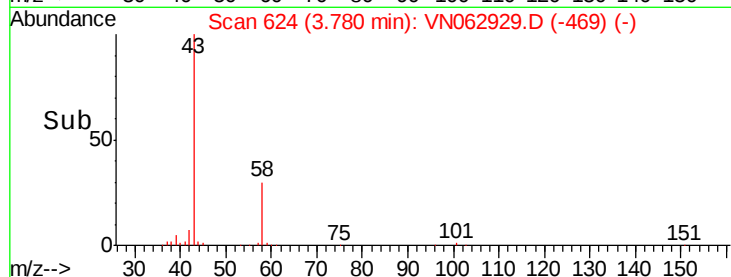
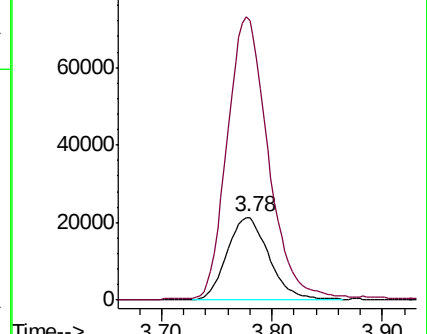
58 100

43 336.1 250.0 375.0



Abundance Ion 58.00 (57.70 to 58.70): VN062928.D (-608) (-)

Ion 43.00 (42.70 to 43.70): VN062928.D (-608) (-)



#16

Carbon Disulfide

Concen: 35.585 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062929.D

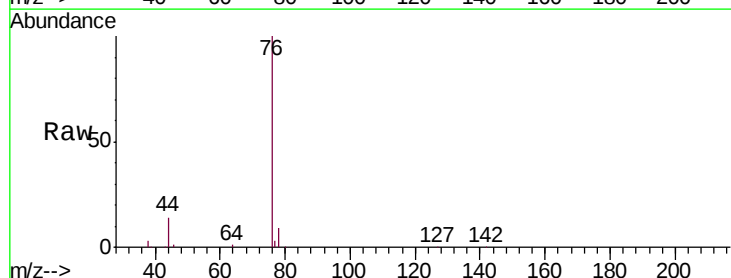
Acq: 13 Aug 2020 23:21

Tgt Ion: 76 Resp: 166940

Ion Ratio Lower Upper

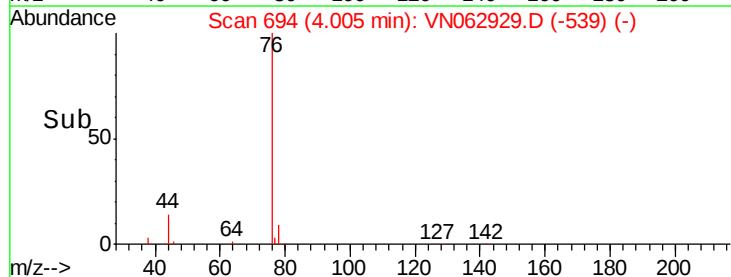
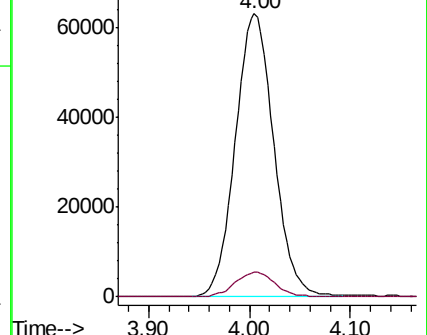
76 100

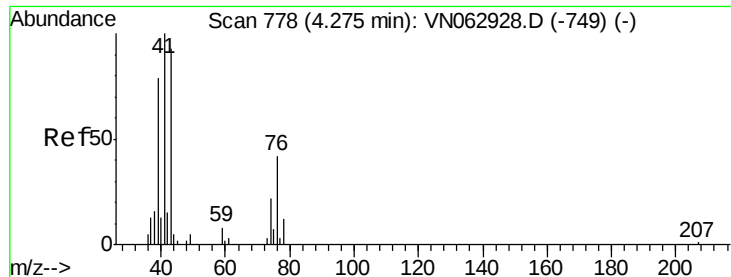
78 8.7 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VN062928.D (-677) (-)

Ion 78.00 (77.70 to 78.70): VN062928.D (-677) (-)

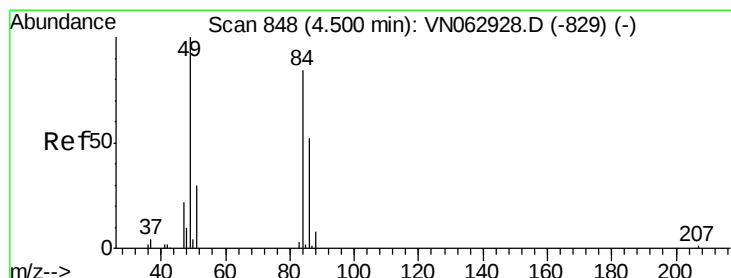
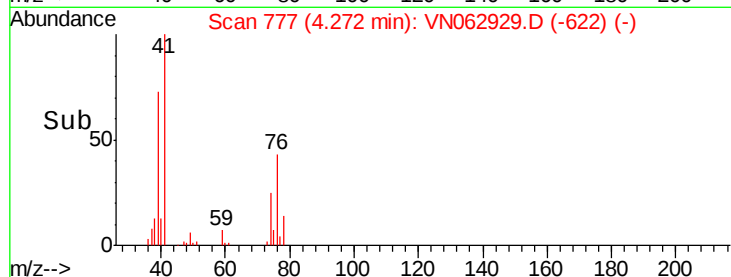
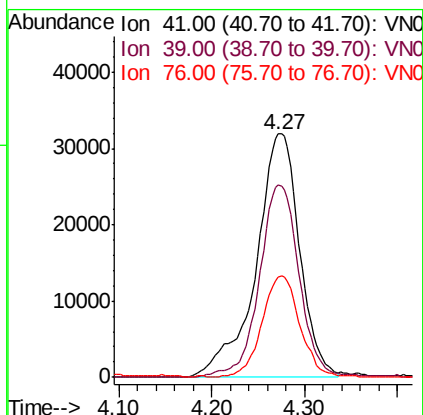
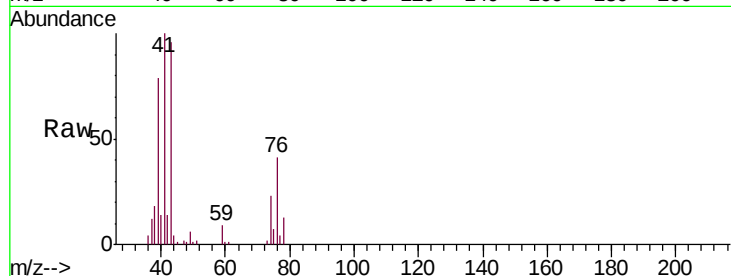




#17
 Allyl chloride
 Concen: 35.022 ug/l
 RT: 4.27 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

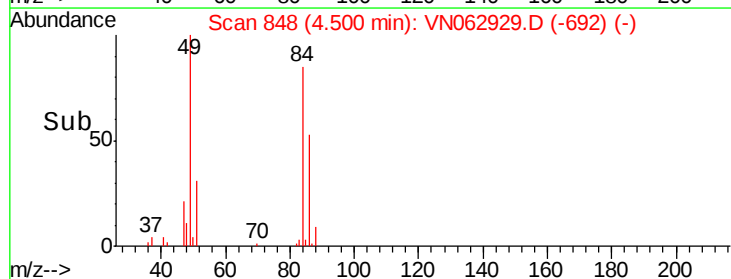
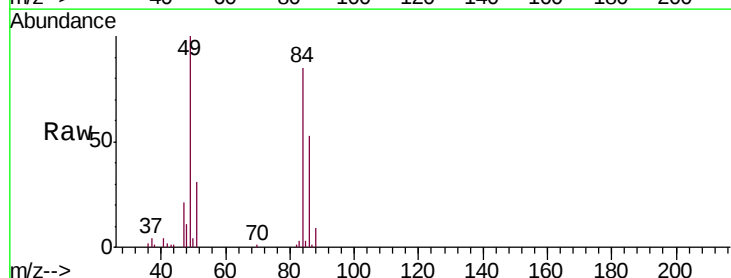
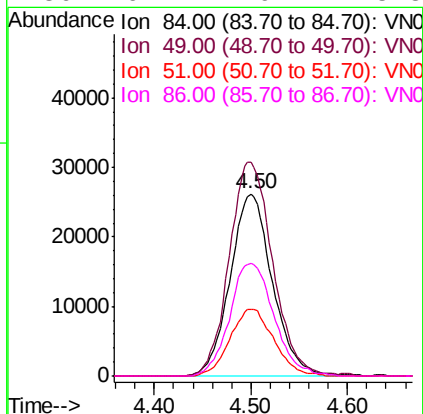
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC050

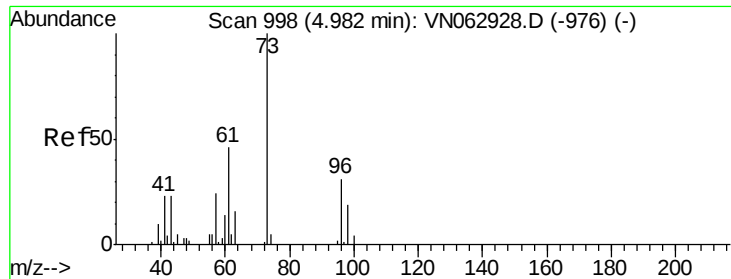
Tgt Ion: 41 Resp: 104899
 Ion Ratio Lower Upper
 41 100
 39 78.9 39.6 118.7
 76 41.2 21.3 63.7



#18
 Methylene Chloride
 Concen: 43.543 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

Tgt Ion: 84 Resp: 79392
 Ion Ratio Lower Upper
 84 100
 49 116.9 95.0 142.6
 51 36.3 28.2 42.4
 86 61.7 49.2 73.8

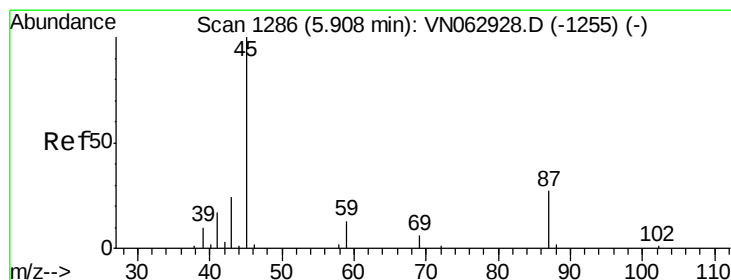
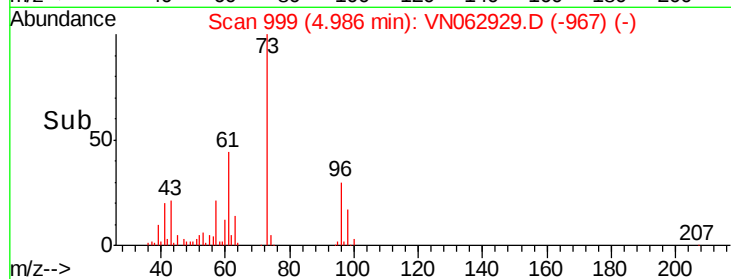
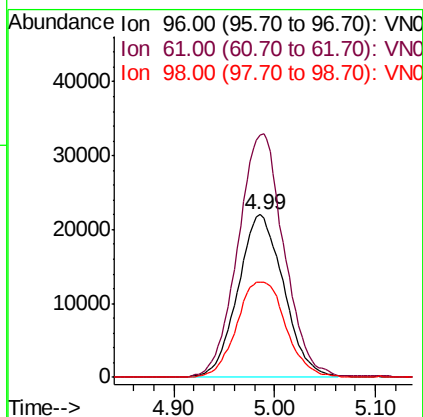
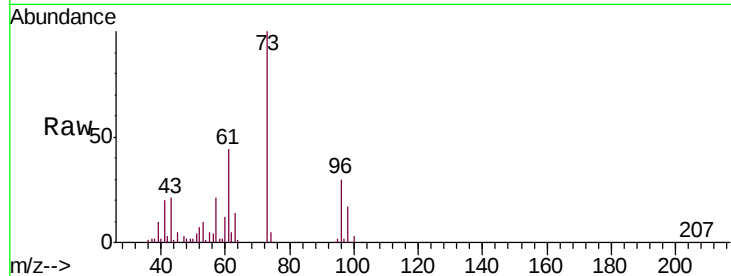




#19
trans-1,2-Dichloroethene
Concen: 42.486 ug/l
RT: 4.99 min Scan# 999
Delta R.T. 0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

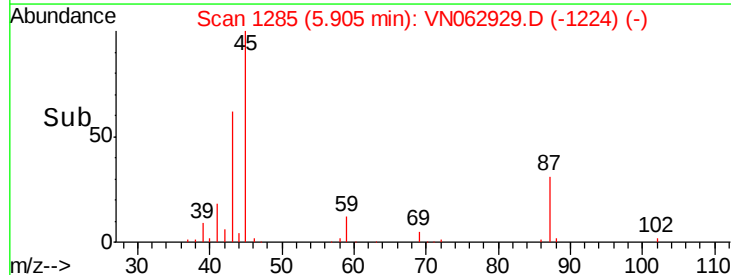
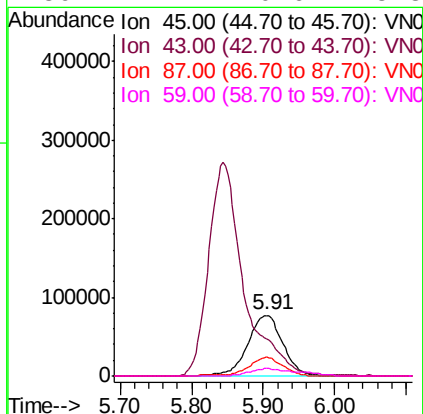
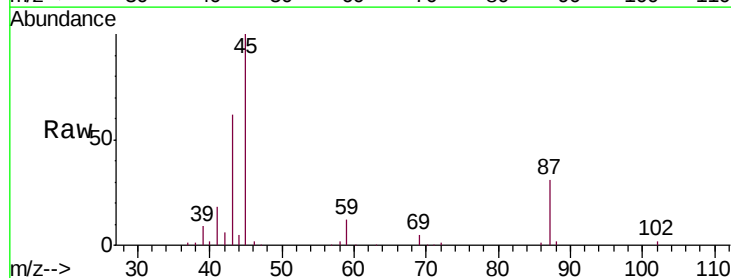
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC050

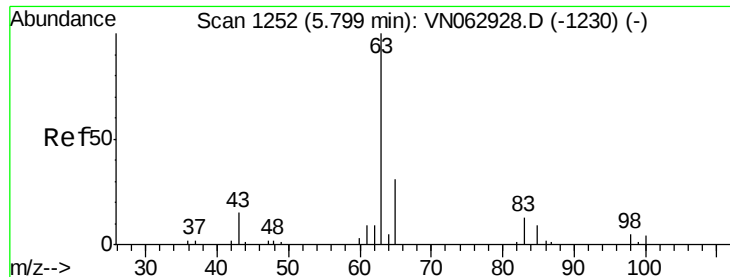
Tgt Ion: 96 Resp: 69323
Ion Ratio Lower Upper
96 100
61 149.2 118.0 177.0
98 58.9 48.7 73.1



#20
Diisopropyl ether
Concen: 41.167 ug/l
RT: 5.91 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

Tgt Ion: 45 Resp: 262416
Ion Ratio Lower Upper
45 100
43 59.8 48.6 72.8
87 30.5 22.6 34.0
59 11.7 10.6 15.8

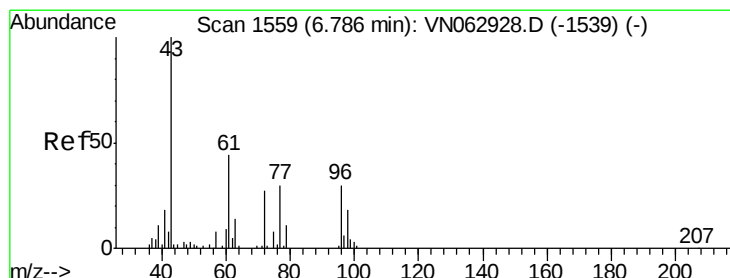
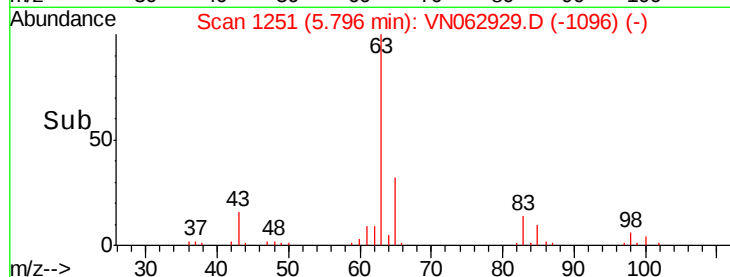
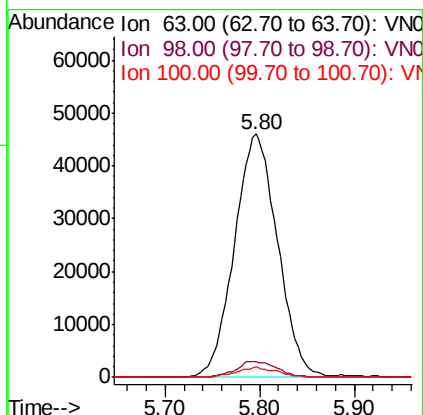
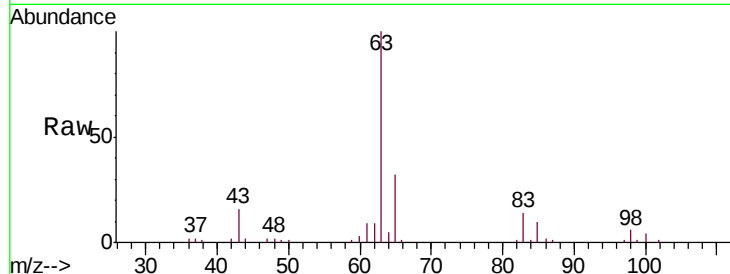




#21
 1,1-Dichloroethane
 Concen: 42.423 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

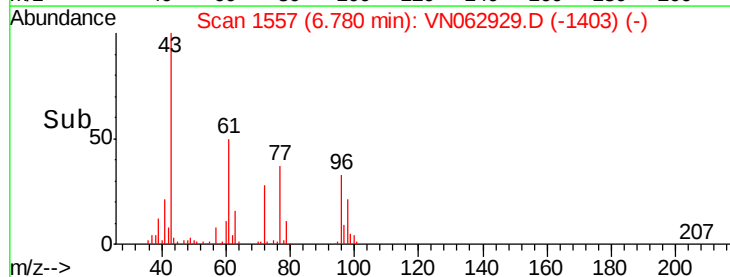
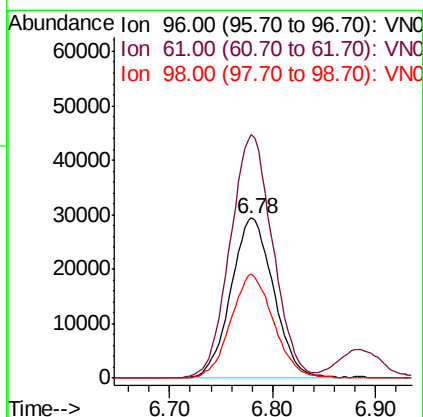
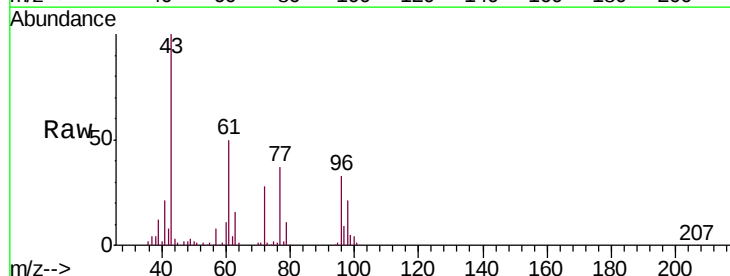
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC050

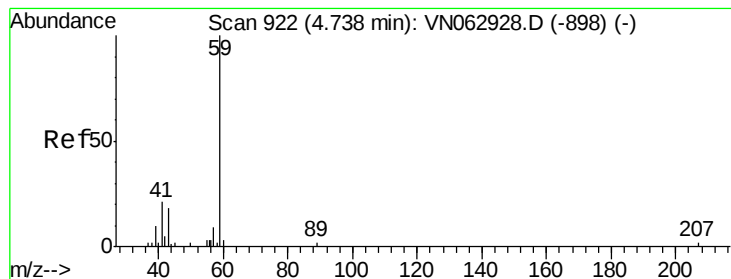
Tgt Ion: 63 Resp: 145879
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.6 7.8
 100 4.2 2.1 6.5



#22
 cis-1,2-Dichloroethene
 Concen: 45.419 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

Tgt Ion: 96 Resp: 84673
 Ion Ratio Lower Upper
 96 100
 61 151.9 124.9 187.3
 98 64.6 27.8 41.6#





#23

tert-Butyl Alcohol

Concen: 271.529 ug/l

RT: 4.74 min Scan# 923

Delta R.T. 0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

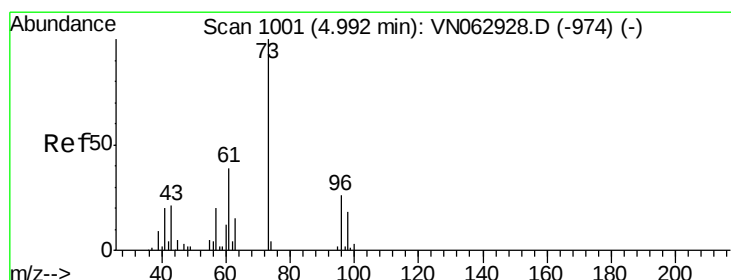
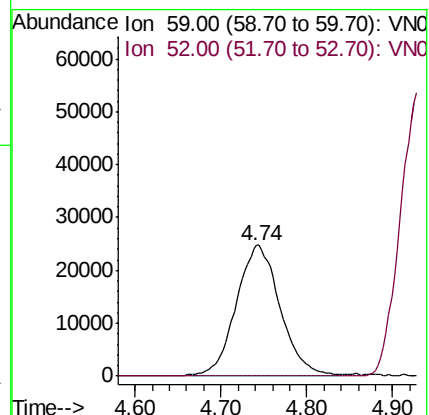
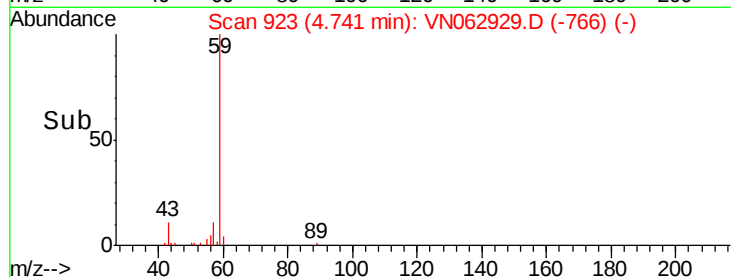
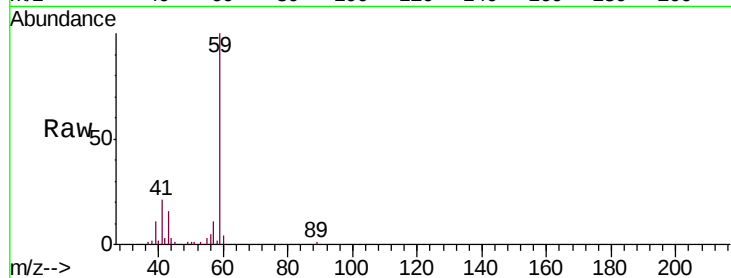
VSTDIC050

Tgt Ion: 59 Resp: 88418

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 51.162 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN062929.D

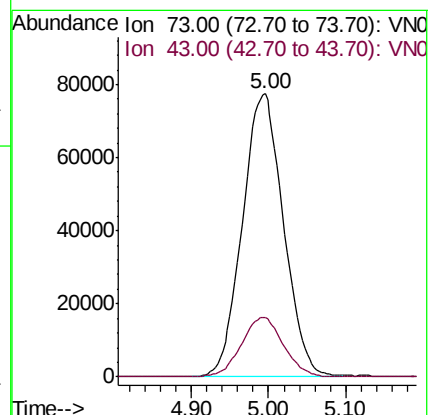
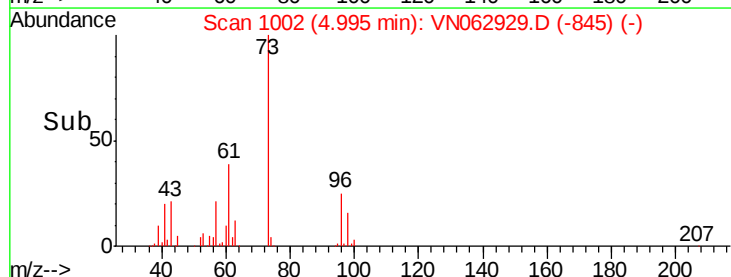
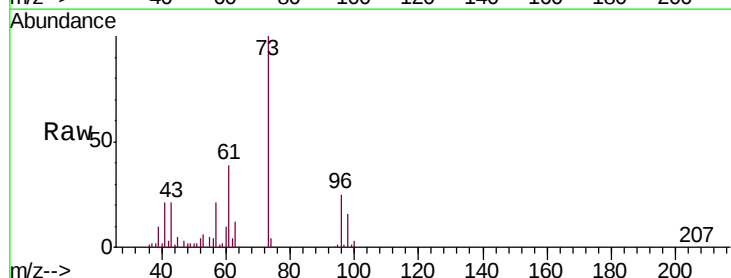
Acq: 13 Aug 2020 23:21

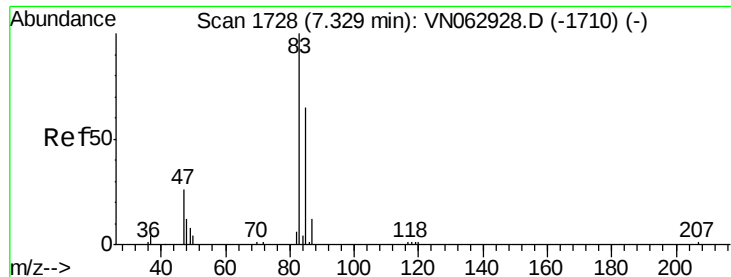
Tgt Ion: 73 Resp: 286687

Ion Ratio Lower Upper

73 100

43 21.6 17.3 25.9

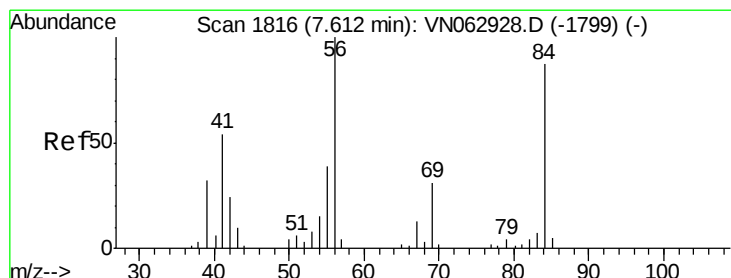
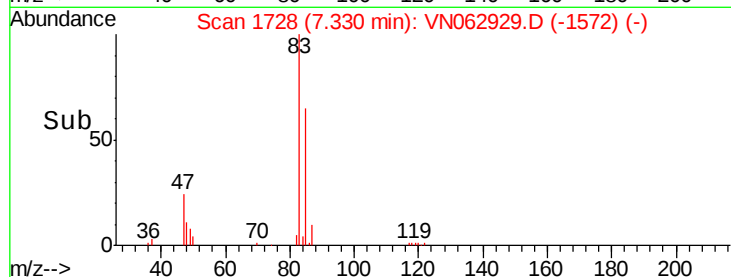
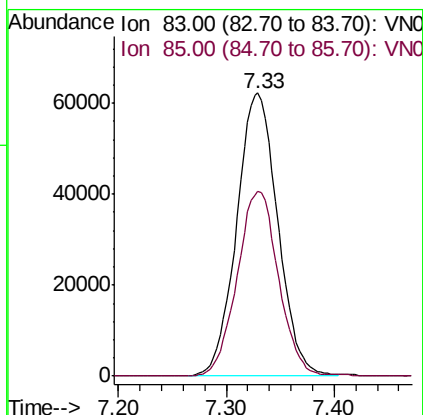
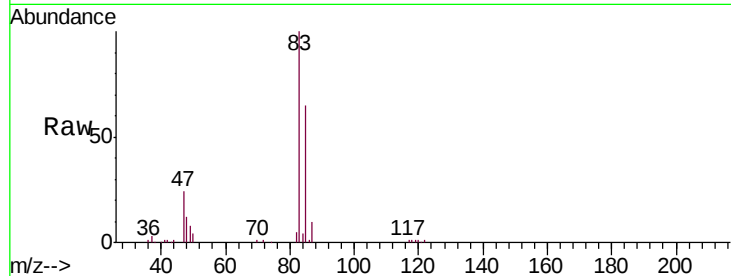




#25
Chloroform
Concen: 50.820 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

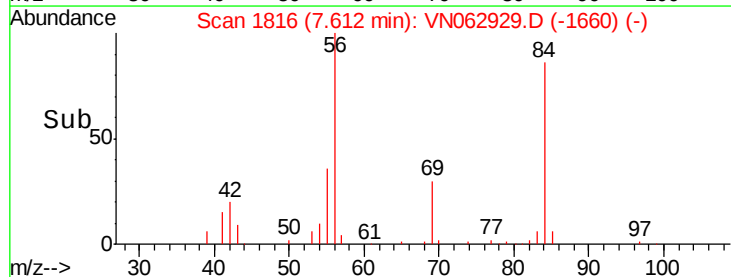
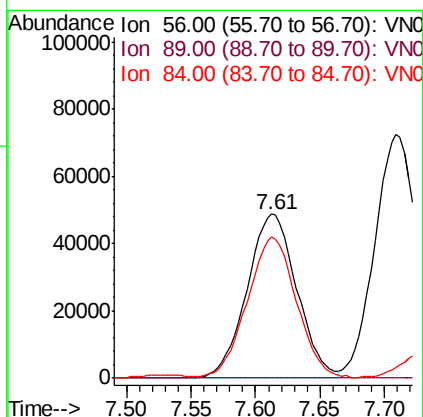
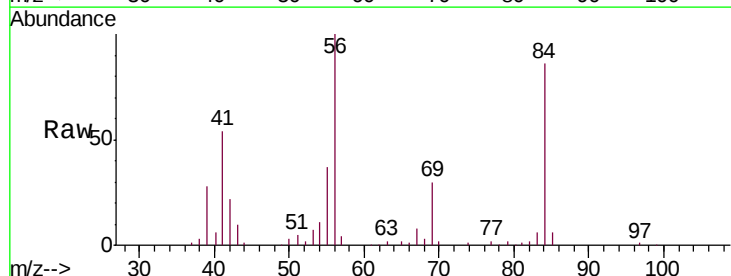
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC050

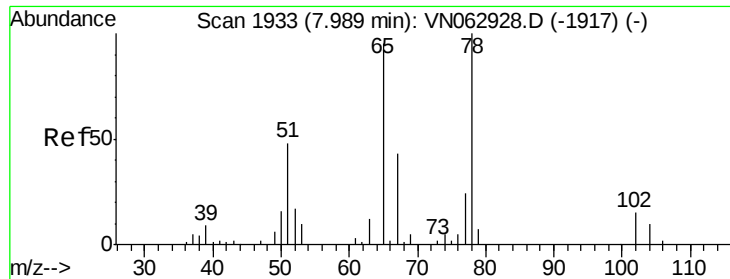
Tgt Ion: 83 Resp: 164828
Ion Ratio Lower Upper
83 100
85 65.1 52.3 78.5



#26
Cyclohexane
Concen: 43.903 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

Tgt Ion: 56 Resp: 131240
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.2 71.9 107.9





#27

1,2-Dichloroethane-d4

Concen: 31.724 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

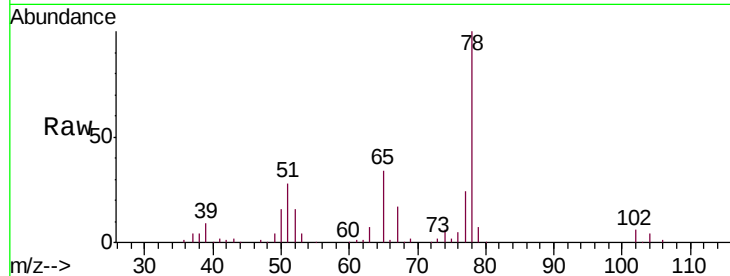
VSTDIC050

Tgt Ion: 65 Resp: 73822

Ion Ratio Lower Upper

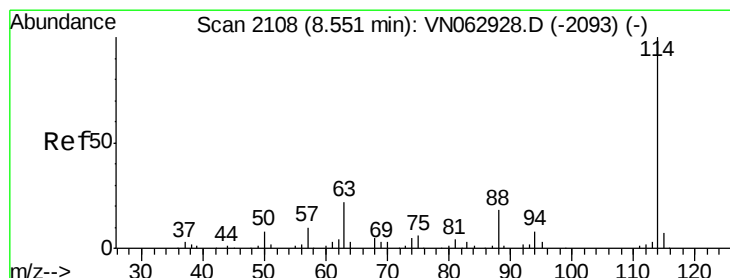
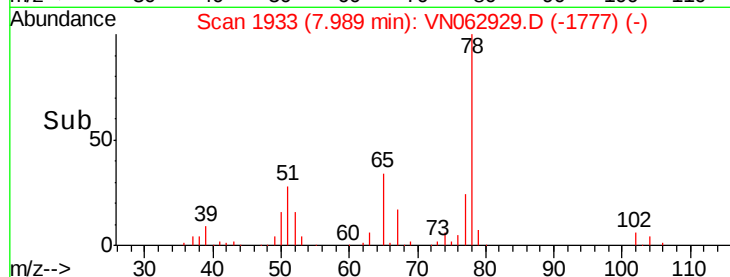
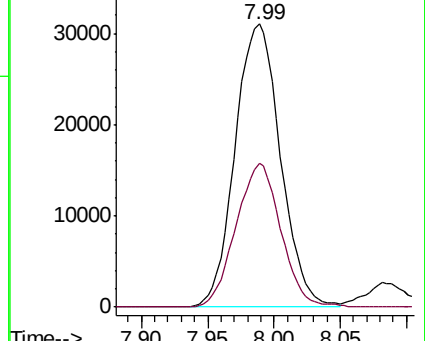
65 100

67 50.1 39.5 59.3



Abundance Ion 65.00 (64.70 to 65.70): VN062929.D (-1777) (-)

Ion 67.00 (66.70 to 67.70): VN062929.D (-1777) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

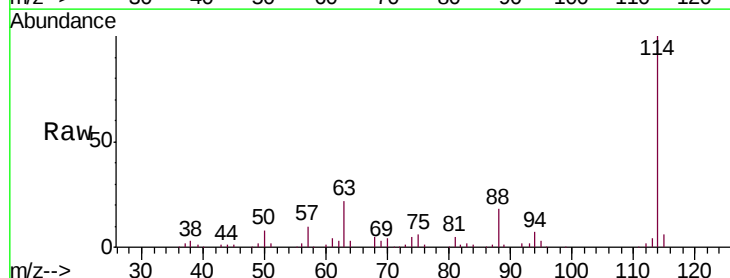
Tgt Ion: 114 Resp: 144369

Ion Ratio Lower Upper

114 100

63 22.1 17.7 26.5

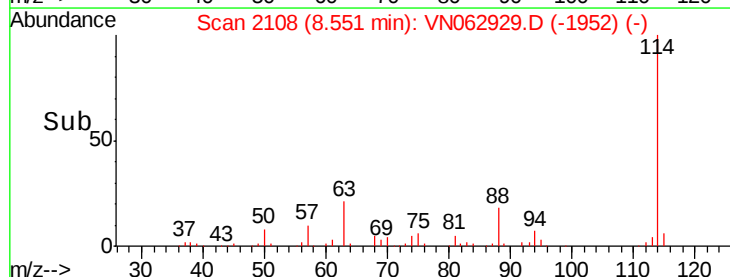
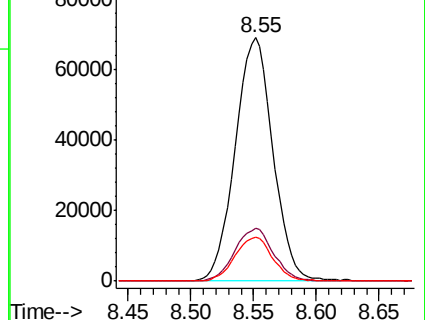
88 17.8 13.9 20.9

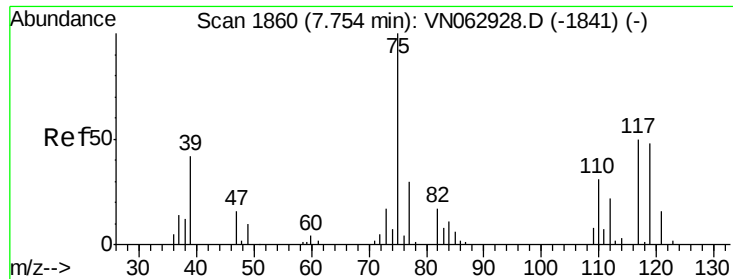


Abundance Ion 114.00 (113.70 to 114.70): VN062929.D (-1952) (-)

Ion 63.00 (62.70 to 63.70): VN062929.D (-1952) (-)

Ion 88.00 (87.70 to 88.70): VN062929.D (-1952) (-)

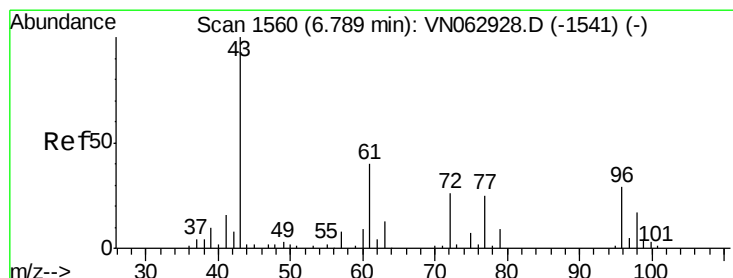
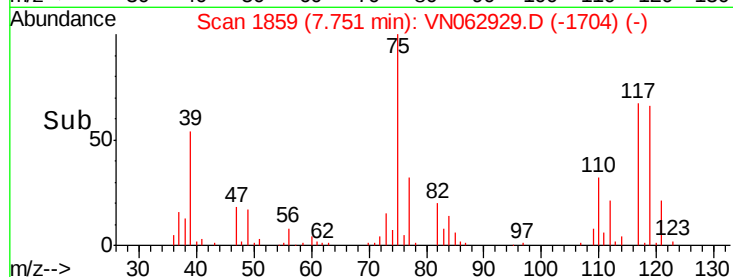
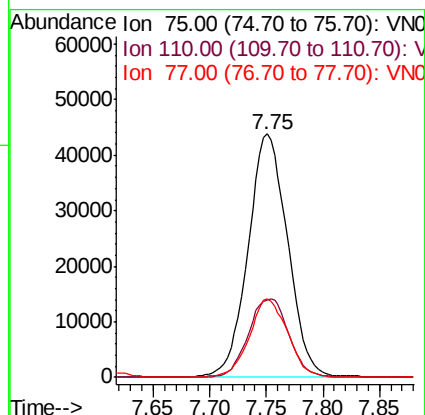
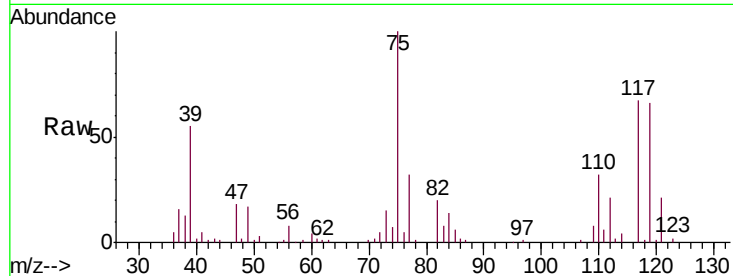




#29
 1,1-Dichloropropene
 Concen: 44.660 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

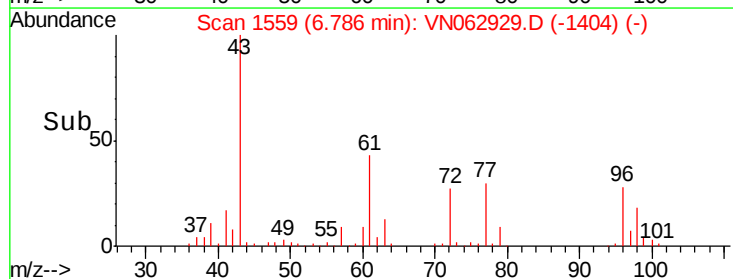
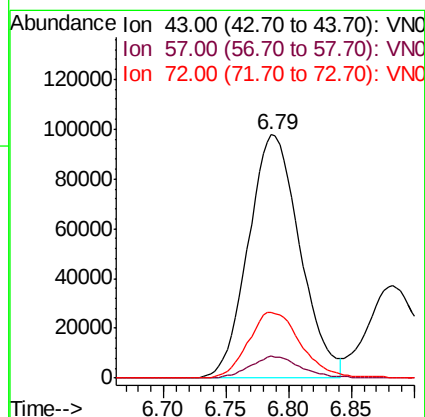
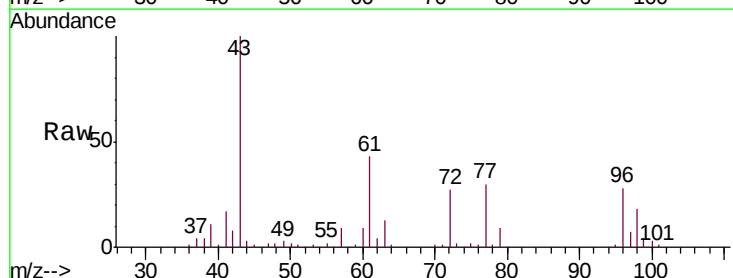
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC050

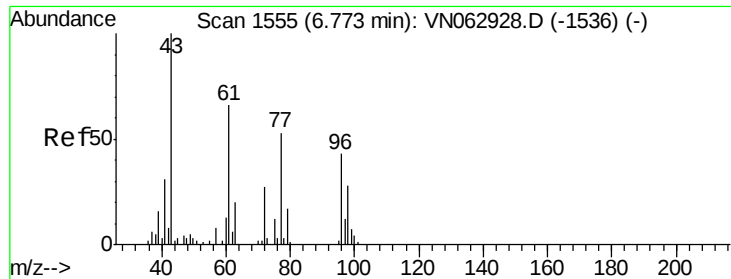
Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.9	0.0	65.8
77	31.1	0.0	59.8



#30
 2-Butanone
 Concen: 227.080 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.8	7.0	10.6
72	27.9	22.0	33.0

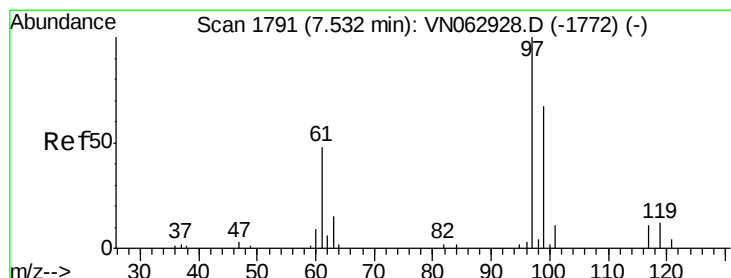
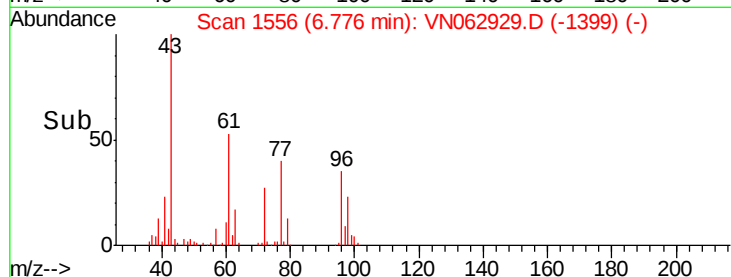
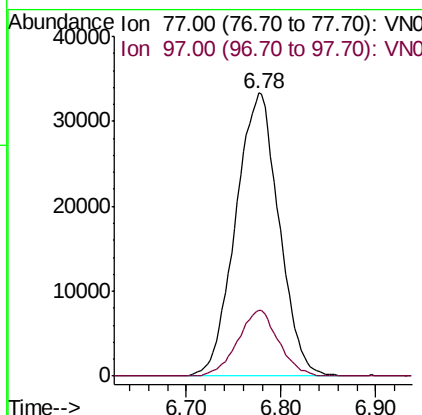
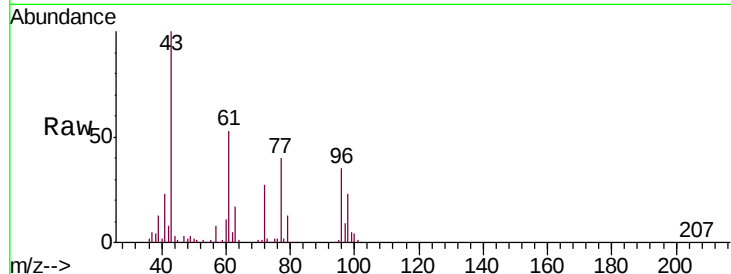




#31
 2,2-Dichloropropane
 Concen: 40.341 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

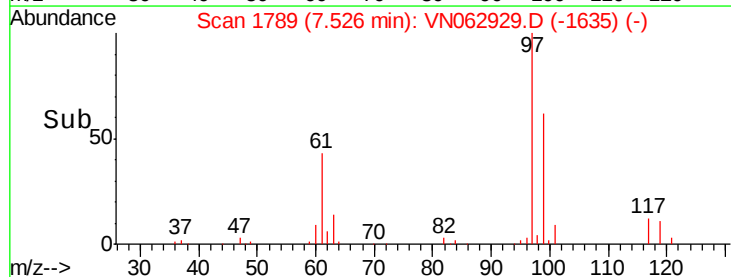
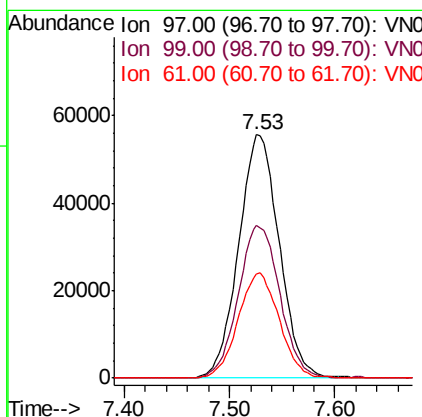
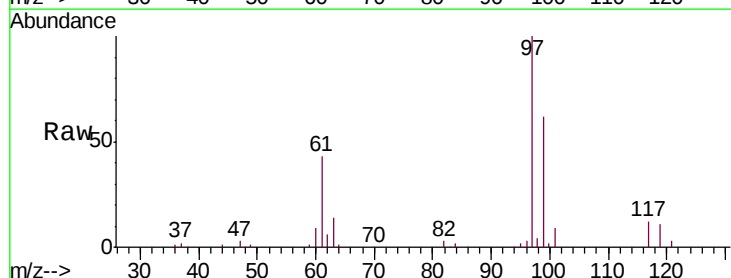
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC050

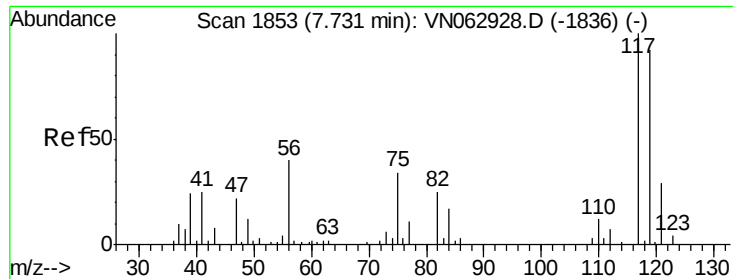
Tgt Ion: 77 Resp: 106142
 Ion Ratio Lower Upper
 77 100
 97 21.9 16.1 24.1



#32
 1,1,1-Trichloroethane
 Concen: 55.451 ug/l
 RT: 7.53 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

Tgt Ion: 97 Resp: 148796
 Ion Ratio Lower Upper
 97 100
 99 64.3 53.8 80.8
 61 43.6 36.3 54.5





#33

Carbon Tetrachloride

Concen: 56.244 ug/l

RT: 7.73 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC050

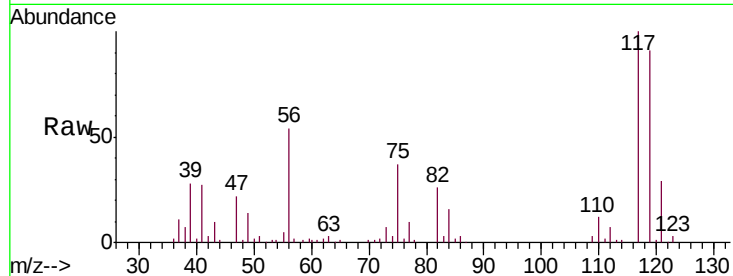
Tgt Ion:117 Resp: 131720

Ion Ratio Lower Upper

117 100

119 90.3 73.9 110.9

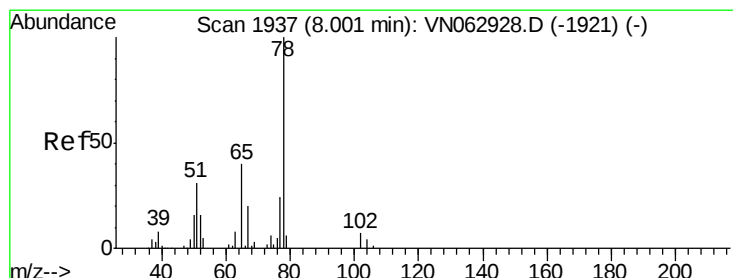
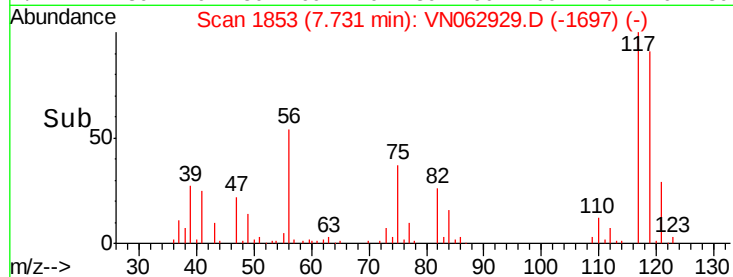
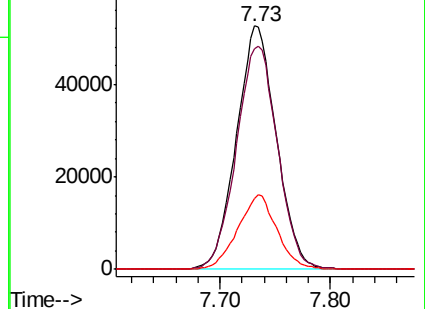
121 28.9 23.2 34.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 44.964 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

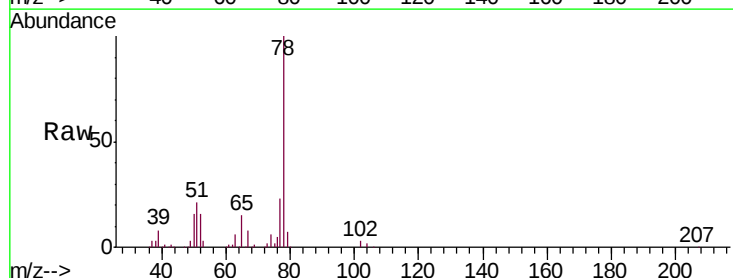
Tgt Ion: 78 Resp: 318076

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9

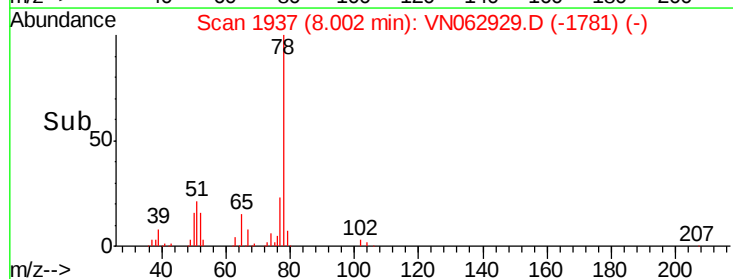
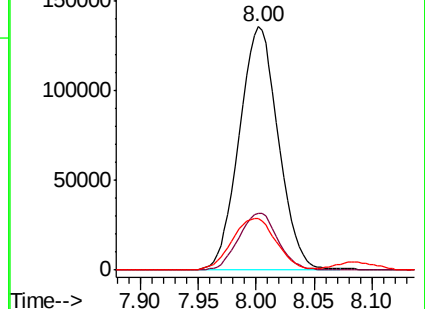
51 21.2 24.9 37.3#

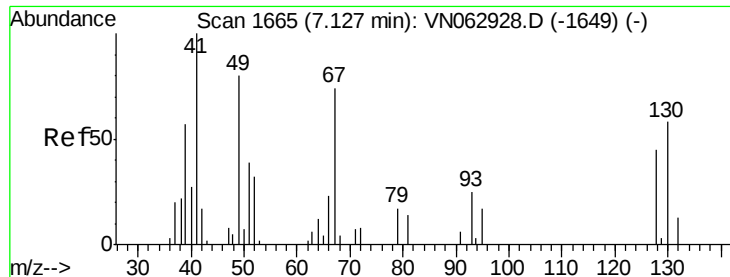


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

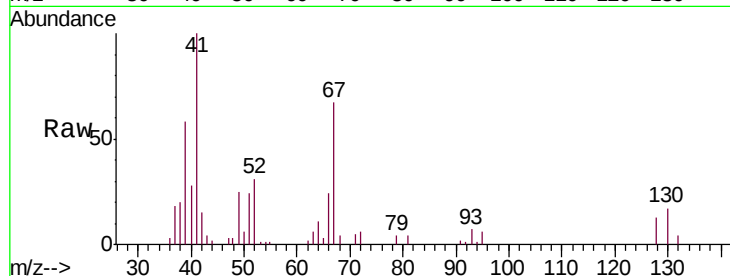




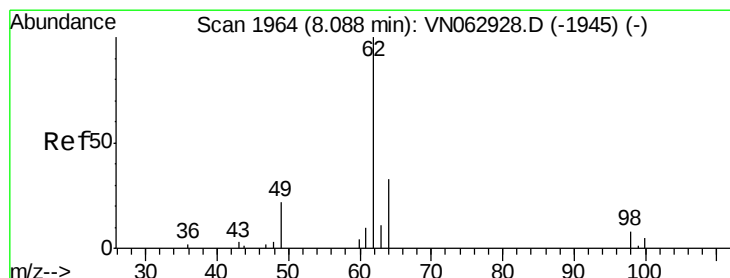
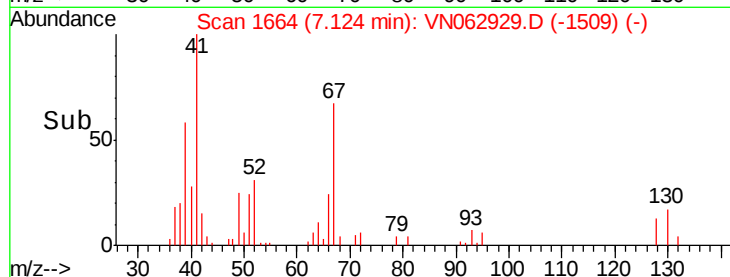
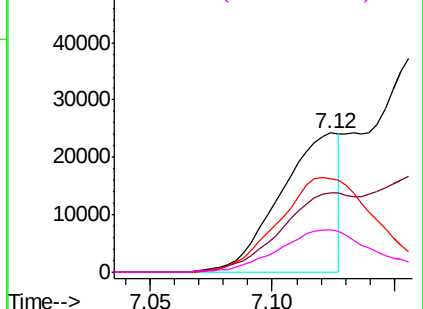
#35
Methacrylonitrile
Concen: 37.766 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC050

Tgt Ion:	41	Resp:	40466
Ion	Ratio	Lower	Upper
41	100		
39	57.5	28.7	86.3
67	67.2	36.8	110.3
52	30.6	16.1	48.2

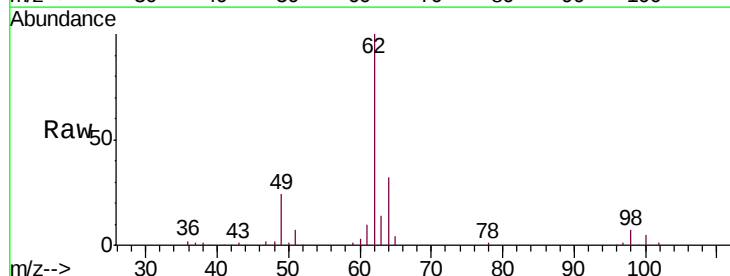


Abundance Ion 41.00 (40.70 to 41.70): VN062929.D (-1649) (-)
Ion 39.00 (38.70 to 39.70): VN062929.D (-1649) (-)
Ion 67.00 (66.70 to 67.70): VN062929.D (-1649) (-)
Ion 52.00 (51.70 to 52.70): VN062929.D (-1649) (-)

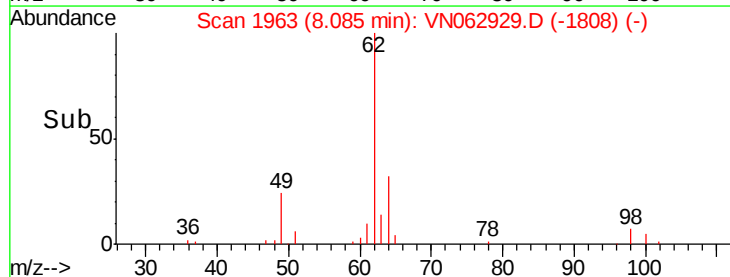
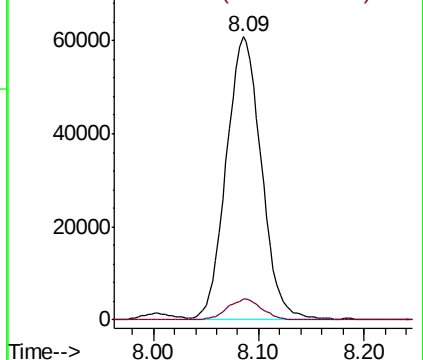


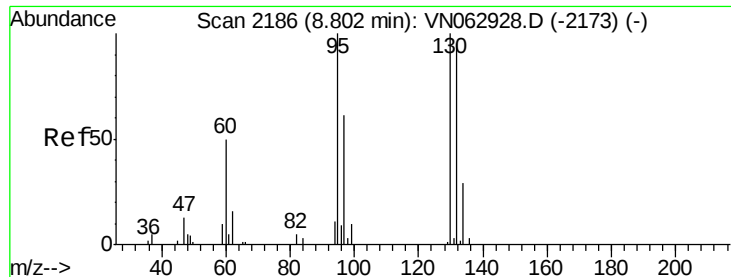
#36
1,2-Dichloroethane
Concen: 53.058 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

Tgt Ion:	62	Resp:	140537
Ion	Ratio	Lower	Upper
62	100		
98	7.3	6.1	9.1



Abundance Ion 62.00 (61.70 to 62.70): VN062929.D (-1945) (-)
Ion 98.00 (97.70 to 98.70): VN062929.D (-1945) (-)

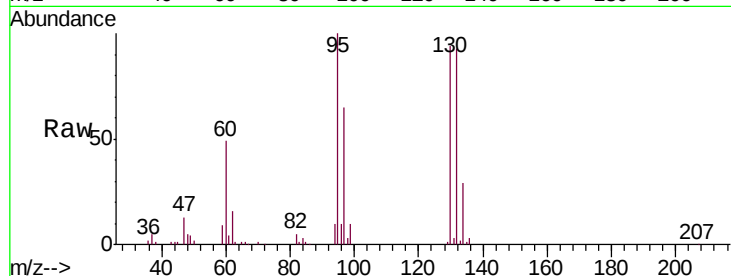




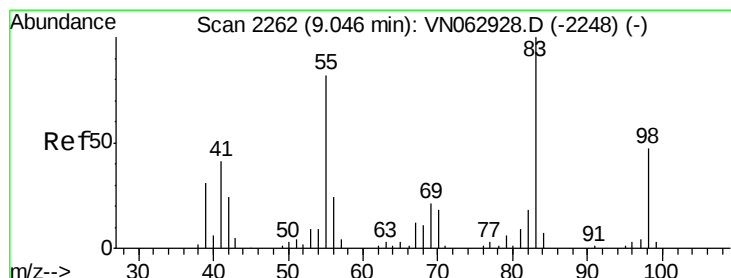
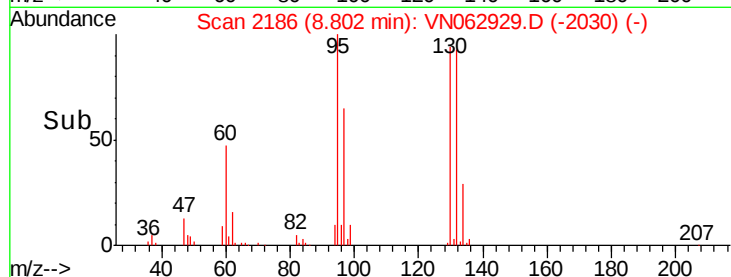
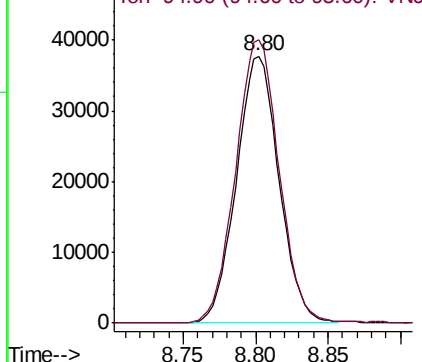
#37
 Trichloroethene
 Concen: 47.568 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC050

Tgt Ion: 130 Resp: 77207
 Ion Ratio Lower Upper
 130 100
 95 105.9 80.1 120.1

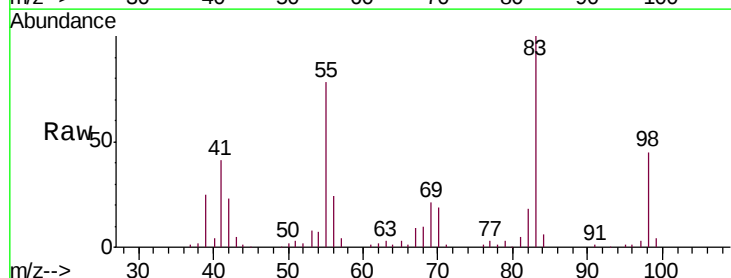


Abundance Ion 129.90 (129.60 to 130.60): VN062928.D (-2173) (-)
 Ion 94.90 (94.60 to 95.60): VN062928.D (-2173) (-)

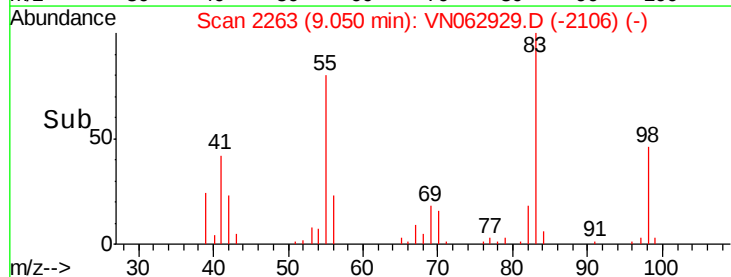
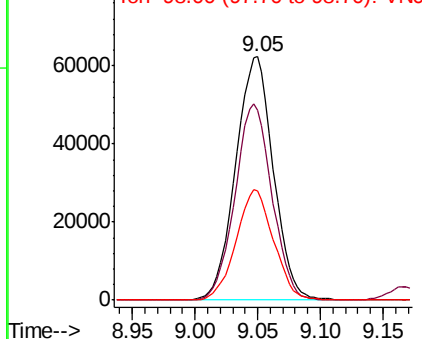


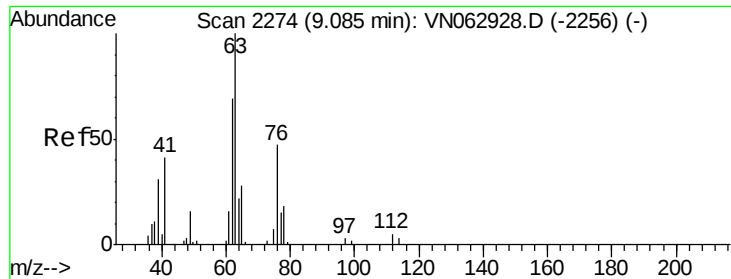
#38
 Methylcyclohexane
 Concen: 48.258 ug/l
 RT: 9.05 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

Tgt Ion: 83 Resp: 130332
 Ion Ratio Lower Upper
 83 100
 55 78.7 40.8 122.5
 98 44.9 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) (-)

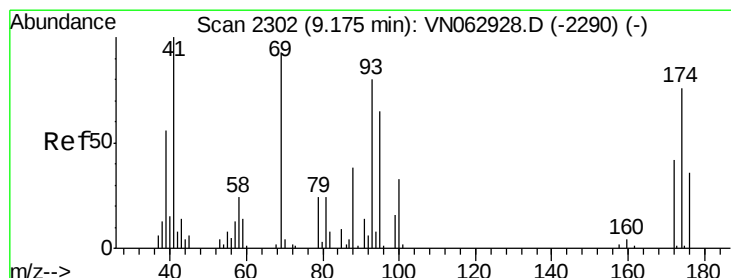
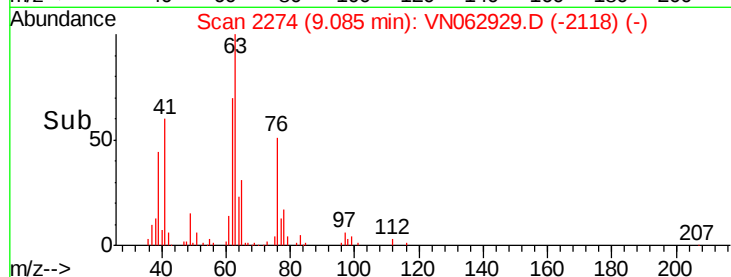
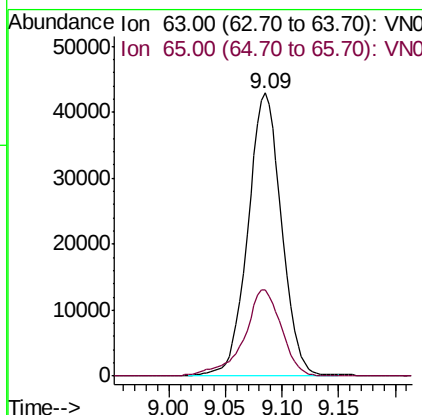
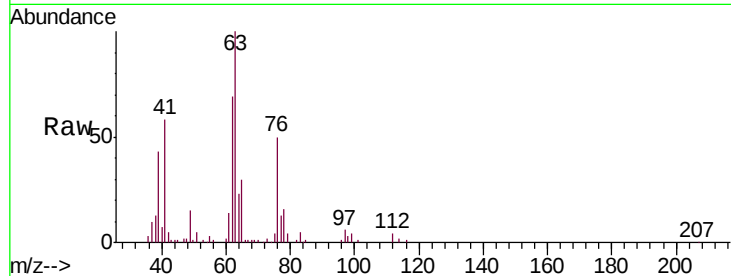




#39
 1,2-Dichloropropane
 Concen: 44.390 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

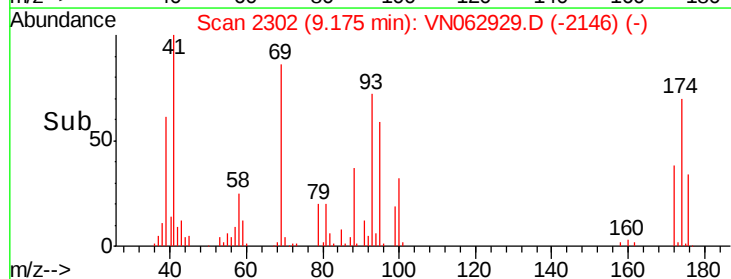
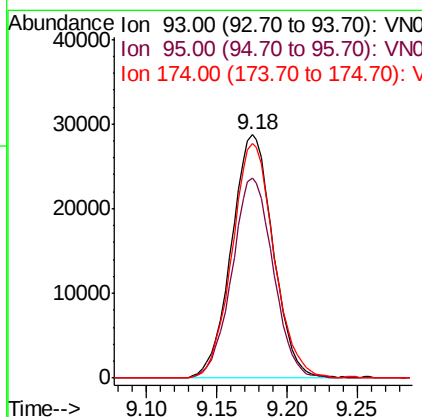
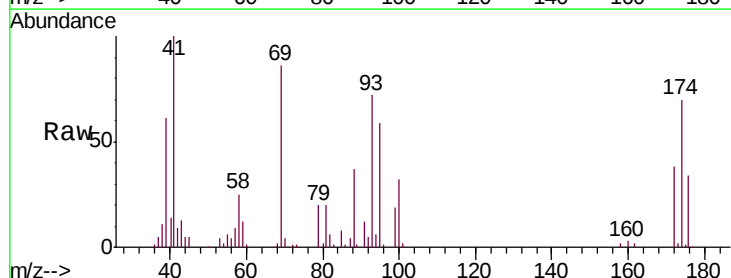
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC050

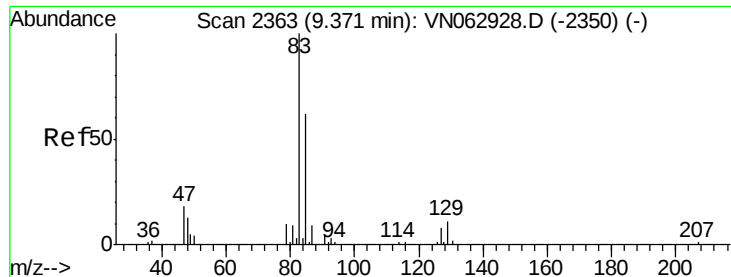
Tgt Ion: 63 Resp: 88791
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.8 35.6



#40
 Dibromomethane
 Concen: 49.834 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

Tgt Ion: 93 Resp: 59346
 Ion Ratio Lower Upper
 93 100
 95 81.1 0.0 161.8
 174 96.8 0.0 190.0

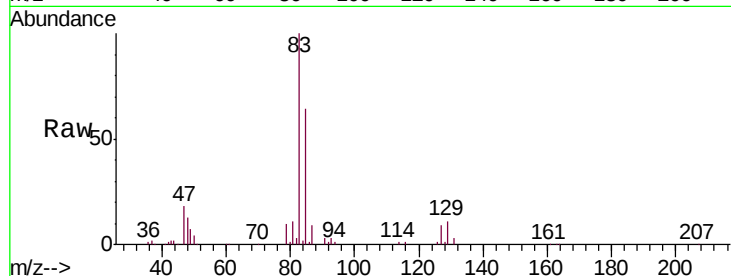




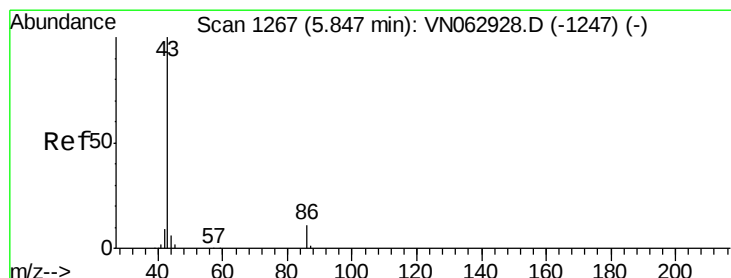
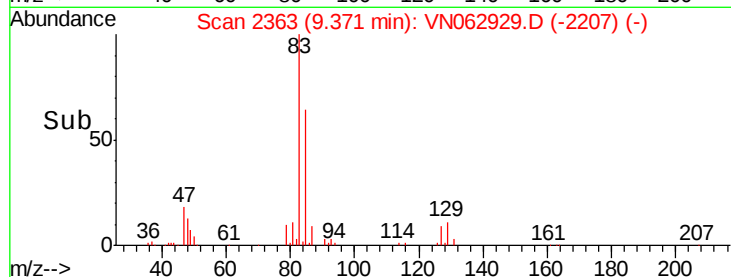
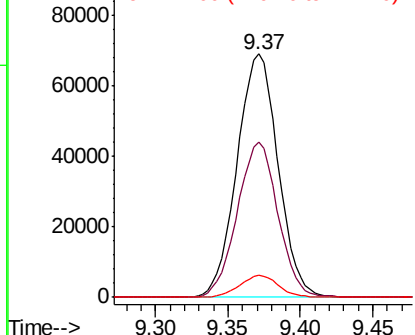
#41
 Bromodichloromethane
 Concen: 53.311 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC050

Tgt Ion: 83 Resp: 136370
 Ion Ratio Lower Upper
 83 100
 85 63.7 49.9 74.9
 127 9.1 7.1 10.7

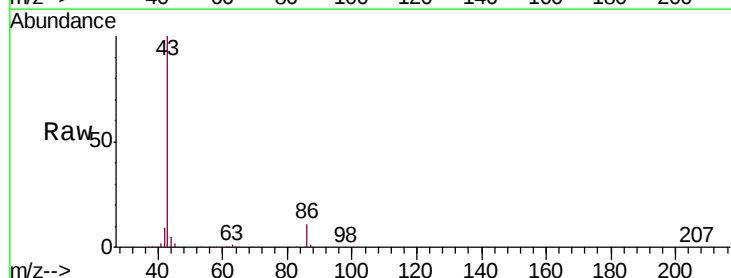


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 85.00 (84.70 to 85.70): VN0
 Ion 127.00 (126.70 to 127.70): VN0

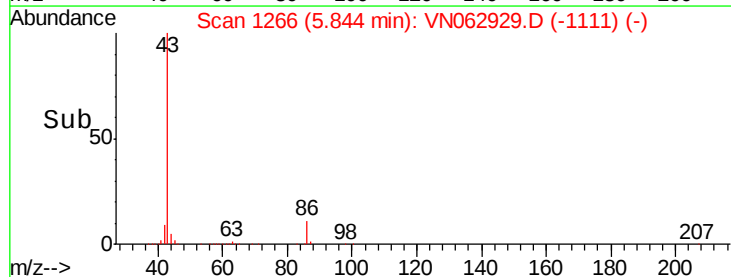
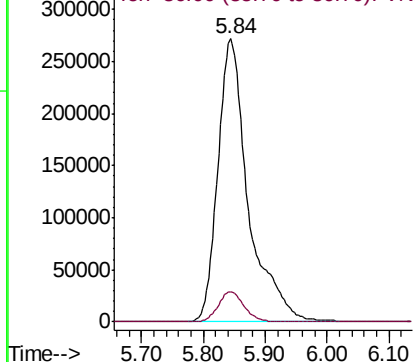


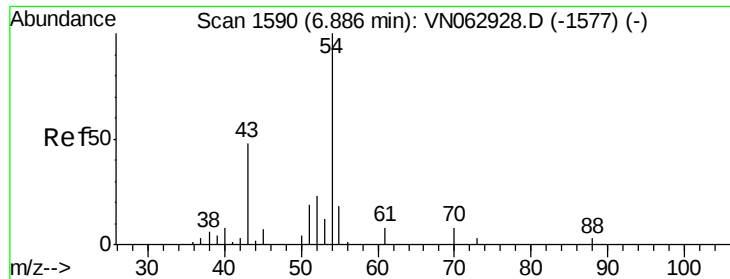
#42
 Vinyl Acetate
 Concen: 186.545 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

Tgt Ion: 43 Resp: 931133
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.1 10.7



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





#43

Ethyl Acetate

Concen: 42.414 ug/l

RT: 6.88 min Scan# 1589

Delta R.T. -0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

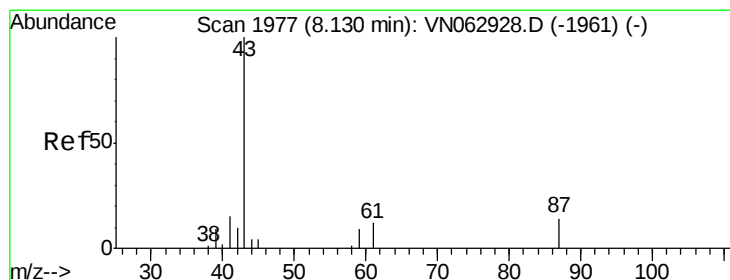
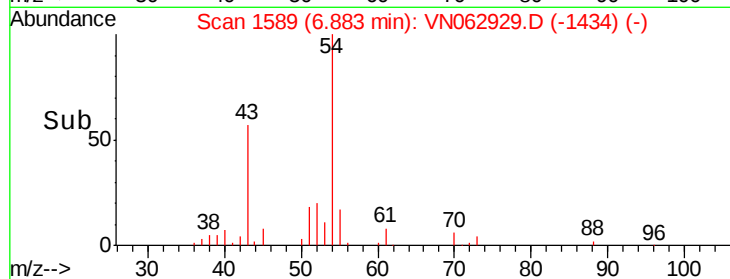
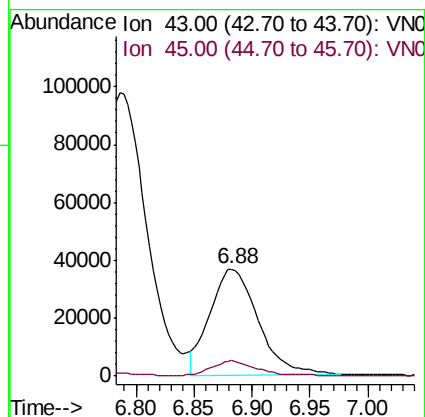
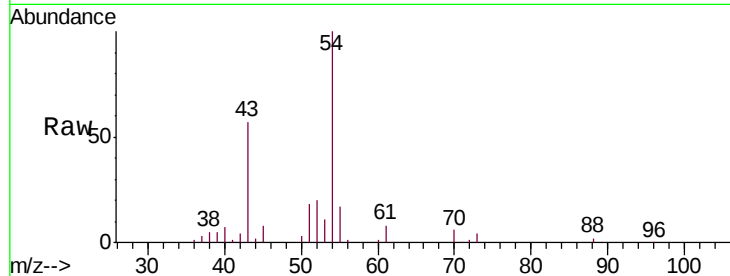
VSTDIC050

Tgt Ion: 43 Resp: 105993

Ion Ratio Lower Upper

43 100

45 12.3 6.6 9.8#



#44

Isopropyl Acetate

Concen: 42.967 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062929.D

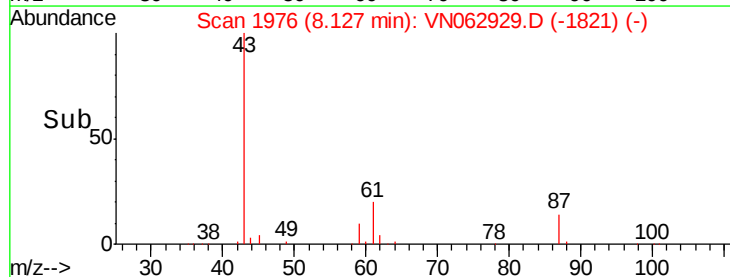
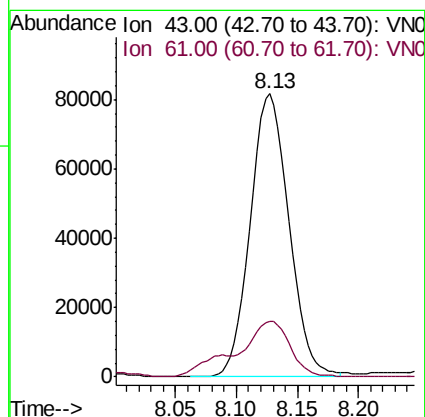
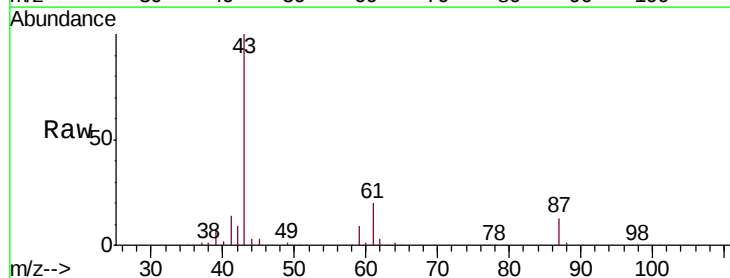
Acq: 13 Aug 2020 23:21

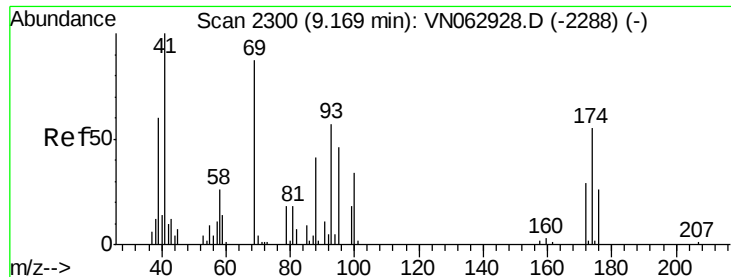
Tgt Ion: 43 Resp: 179200

Ion Ratio Lower Upper

43 100

61 20.1 17.2 25.8

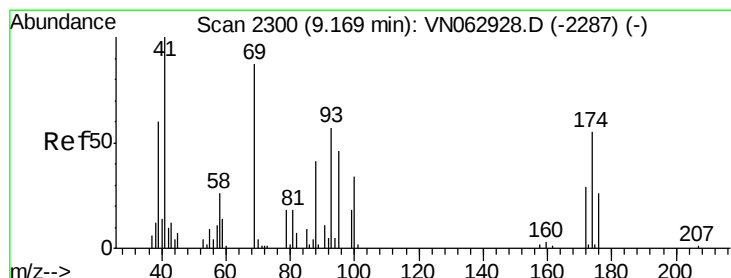
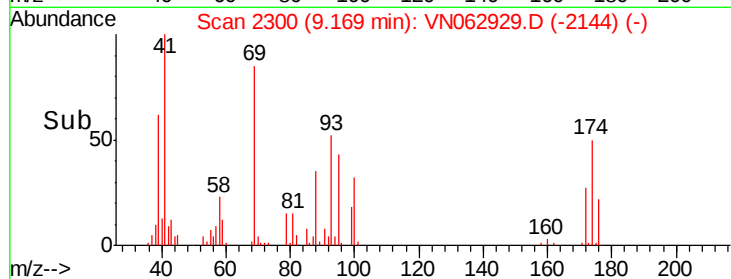
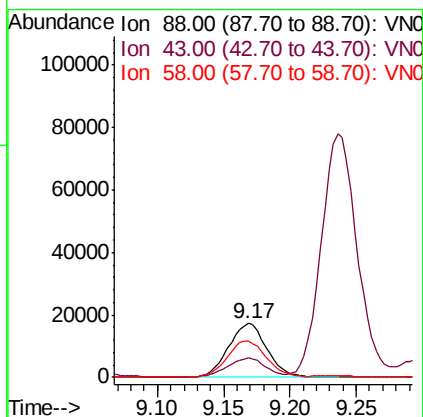
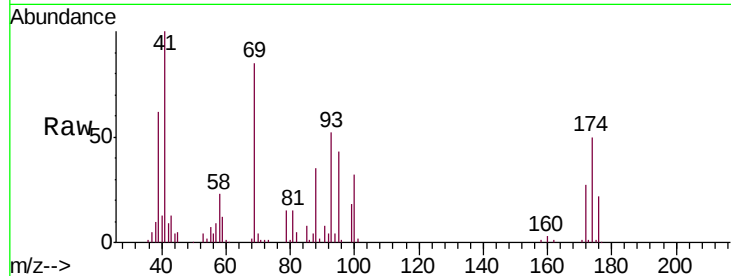




#45
 1,4-Dioxane
 Concen: 1140.831 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

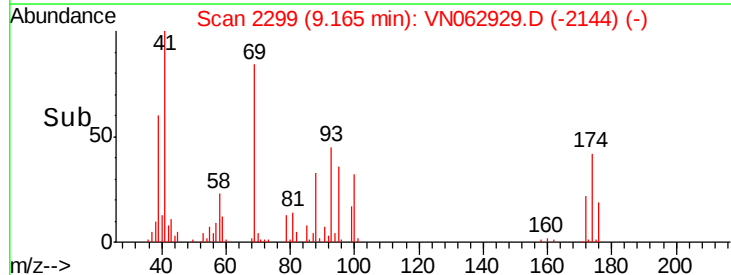
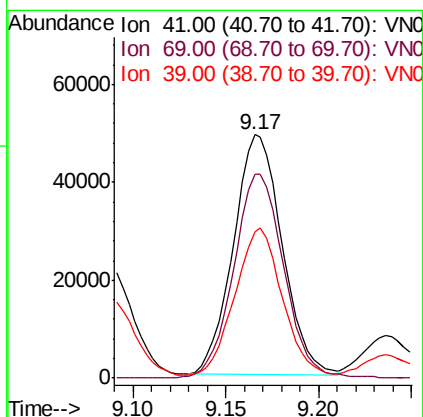
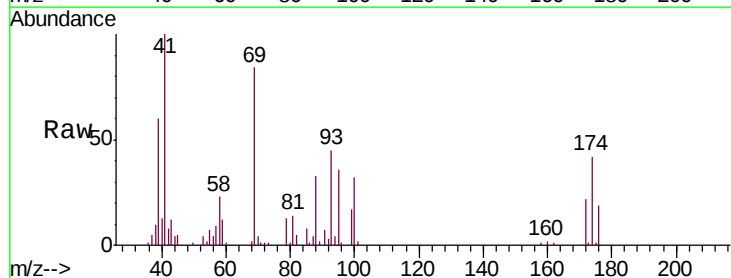
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC050

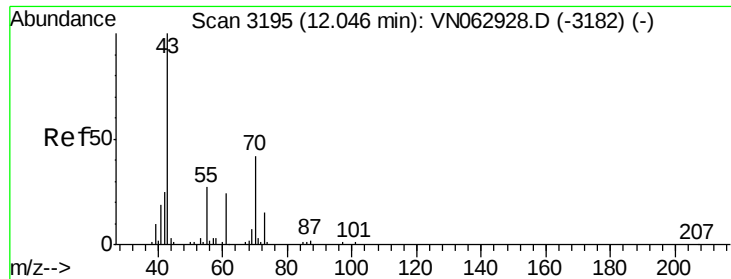
Tgt Ion: 88 Resp: 34754
 Ion Ratio Lower Upper
 88 100
 43 33.8 26.0 39.0
 58 69.9 54.2 81.2



#46
 Methyl methacrylate
 Concen: 44.825 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

Tgt Ion: 41 Resp: 89391
 Ion Ratio Lower Upper
 41 100
 69 84.2 43.6 130.9
 39 59.6 29.9 89.8





#47

n-amy1 Acetate

Concen: 44.603 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

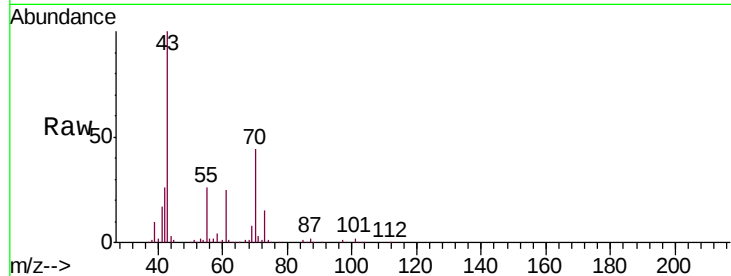
VSTDIC050

Tgt Ion: 43 Resp: 159016

Ion Ratio Lower Upper

43 100

55 26.8 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VN062928.D (-3182) (-)

Ion 55.00 (54.70 to 55.70): VN062928.D (-3182) (-)

12.05

100000

80000

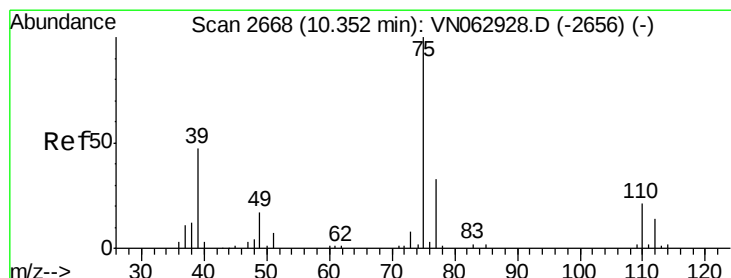
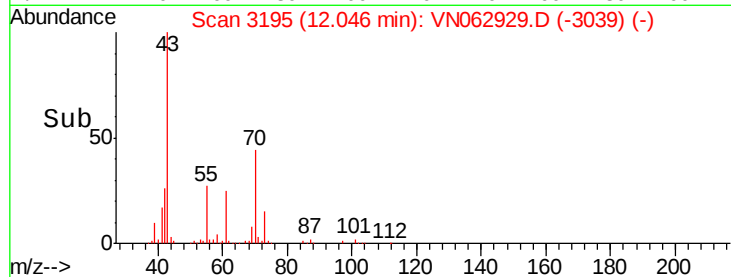
60000

40000

20000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 48.817 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062929.D

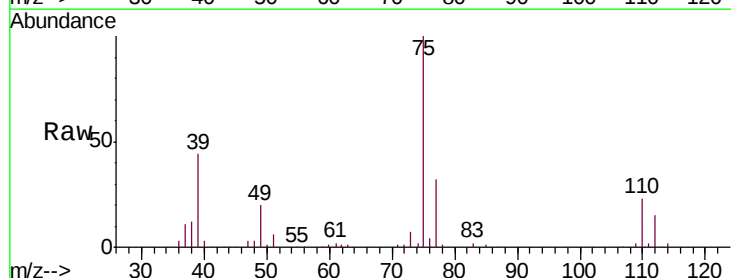
Acq: 13 Aug 2020 23:21

Tgt Ion: 75 Resp: 142410

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VN062928.D (-2656) (-)

Ion 77.00 (76.70 to 77.70): VN062928.D (-2656) (-)

10.35

80000

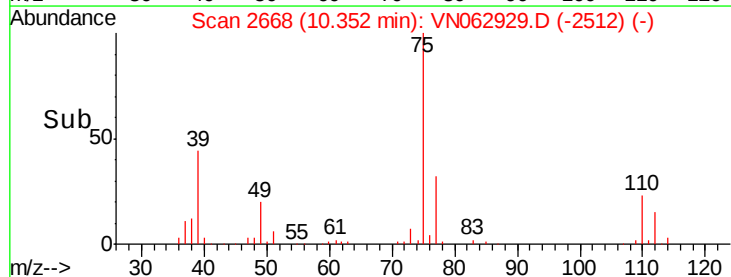
60000

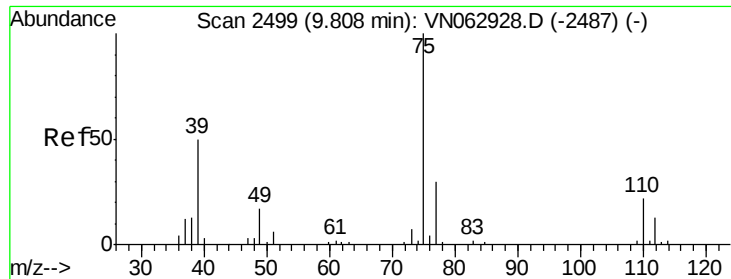
40000

20000

0

Time-->

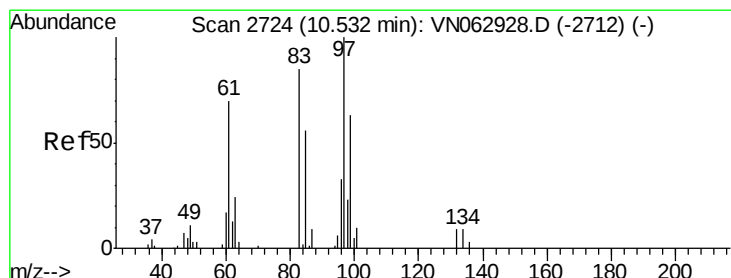
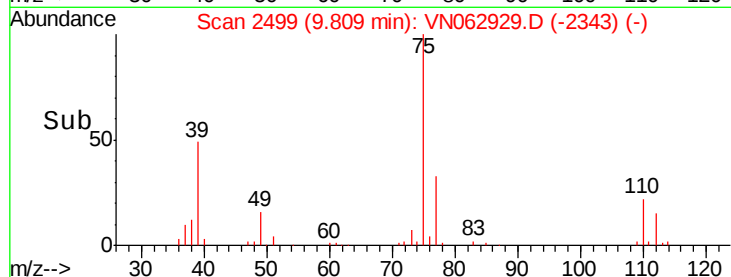
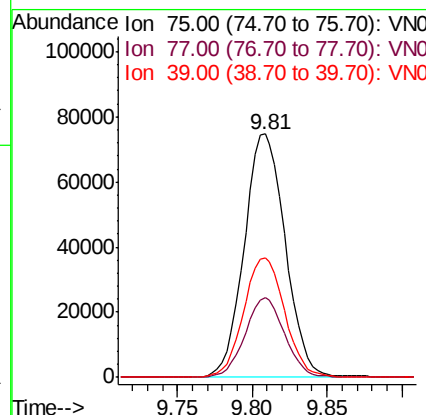
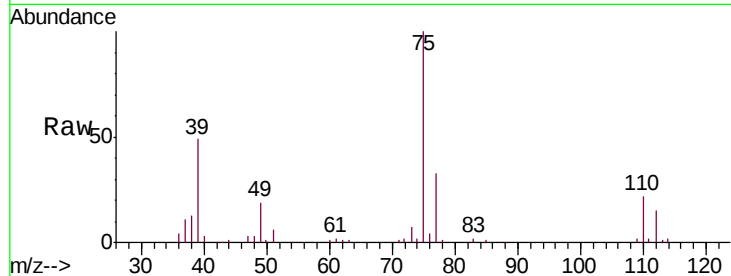




#49
 cis-1,3-Dichloropropene
 Concen: 46.049 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

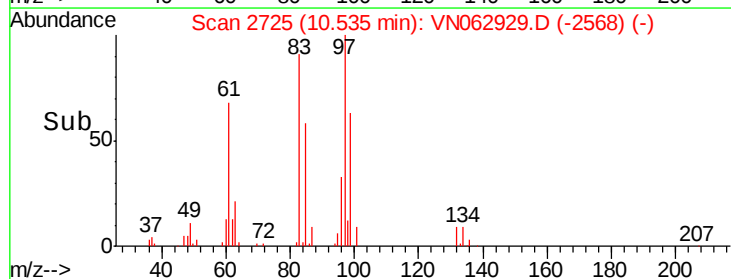
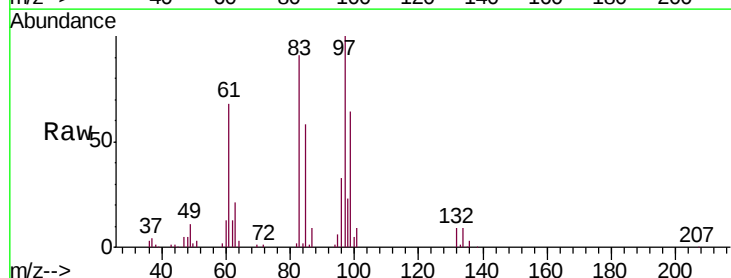
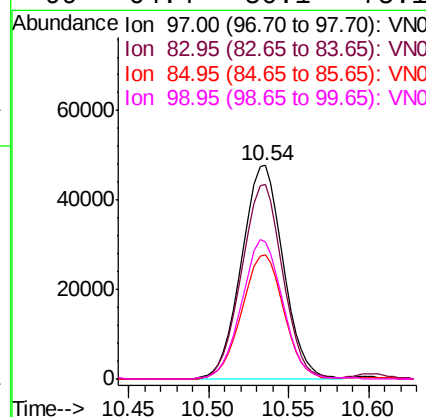
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC050

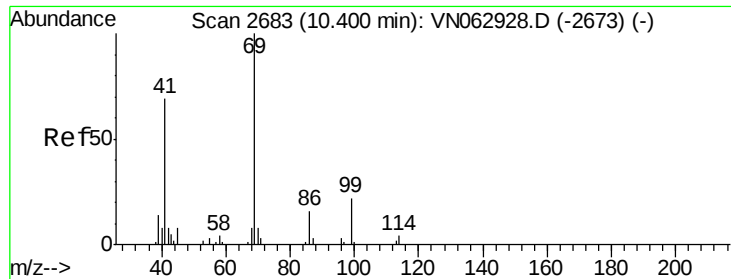
Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.8	24.4	36.6
39	49.2	40.2	60.4



#50
 1,1,2-Trichloroethane
 Concen: 50.839 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.8	67.8	101.6
85	58.2	44.5	66.7
99	64.4	50.1	75.1





#51

Ethyl methacrylate

Concen: 49.734 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC050

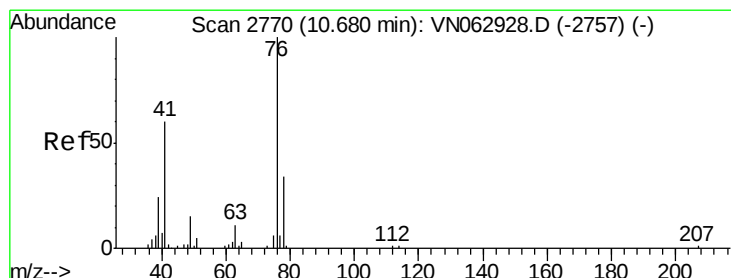
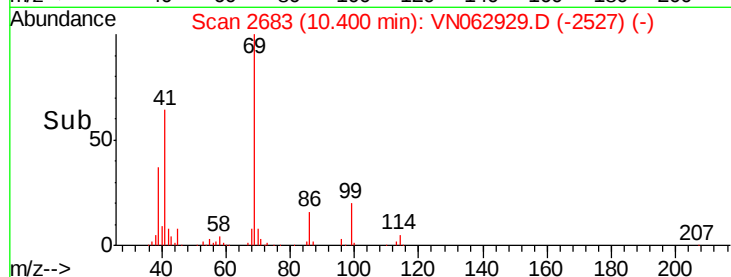
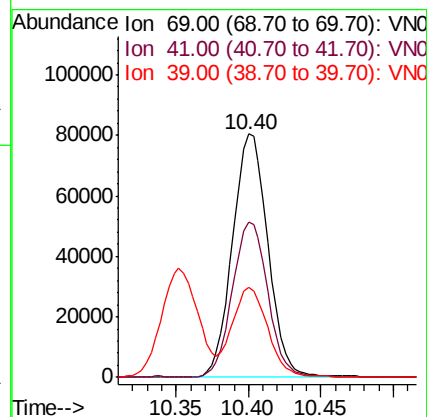
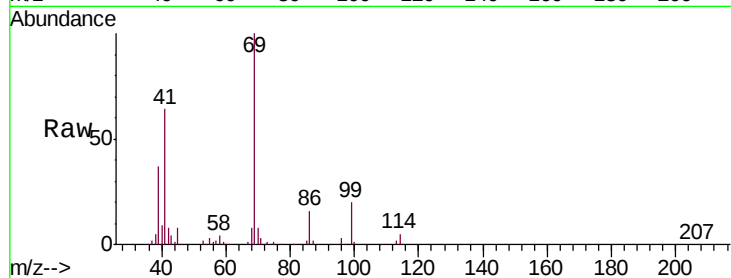
Tgt Ion: 69 Resp: 136592

Ion Ratio Lower Upper

69 100

41 63.5 34.8 104.3

39 36.6 18.6 55.8



#52

1,3-Dichloropropane

Concen: 48.566 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062929.D

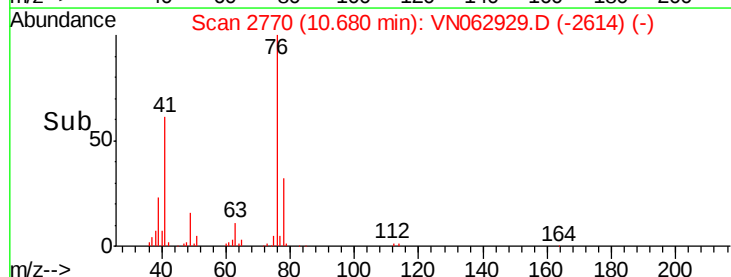
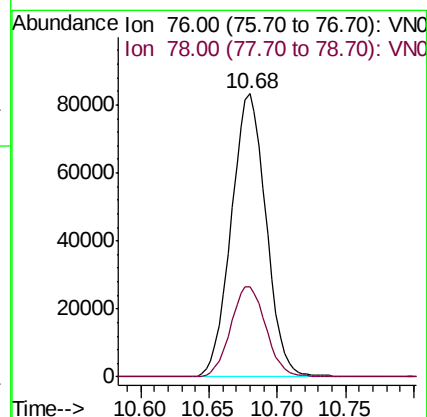
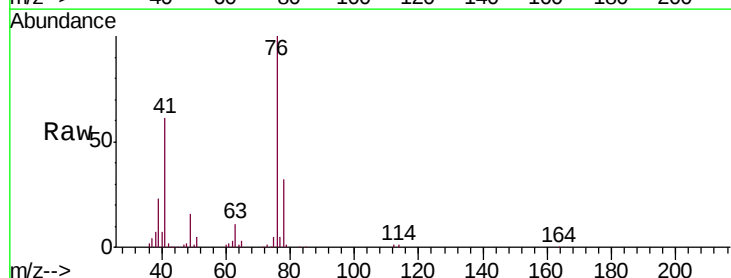
Acq: 13 Aug 2020 23:21

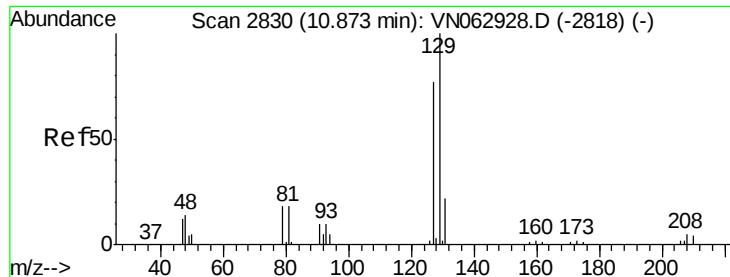
Tgt Ion: 76 Resp: 147576

Ion Ratio Lower Upper

76 100

78 32.4 0.0 66.2





#53

Dibromochloromethane

Concen: 56.126 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. 0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

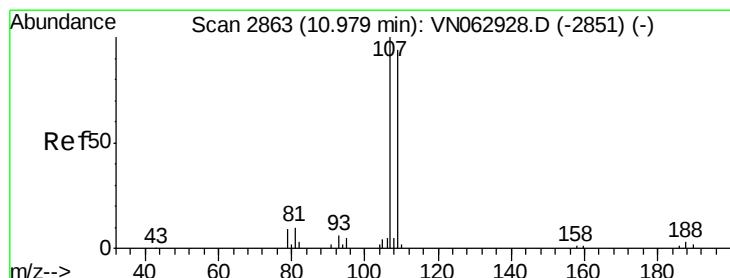
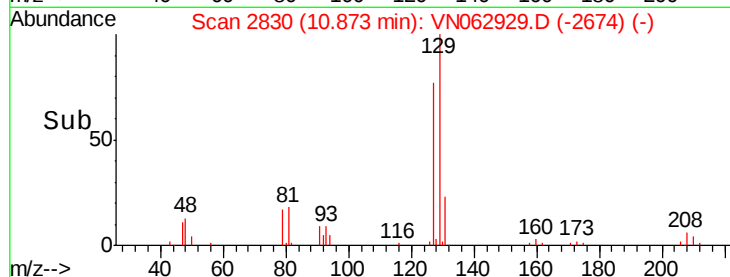
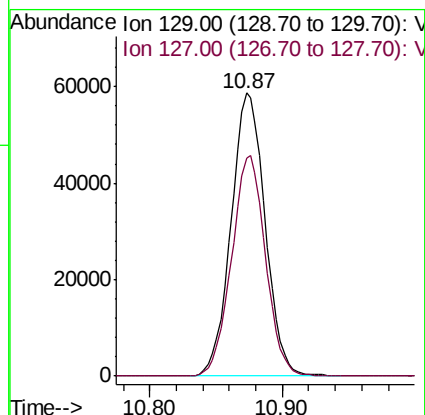
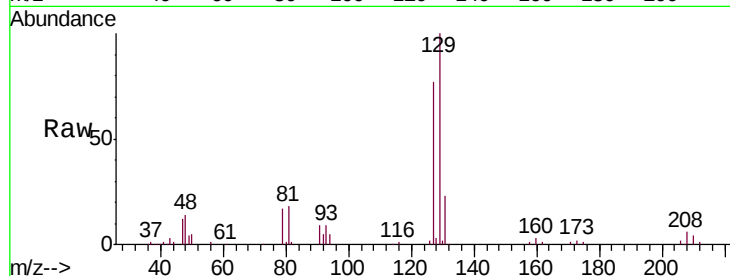
VSTDIC050

Tgt Ion:129 Resp: 104507

Ion Ratio Lower Upper

129 100

127 77.5 38.1 114.5



#54

1,2-Dibromoethane

Concen: 51.437 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062929.D

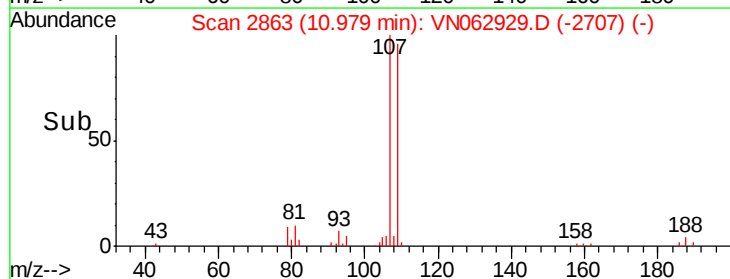
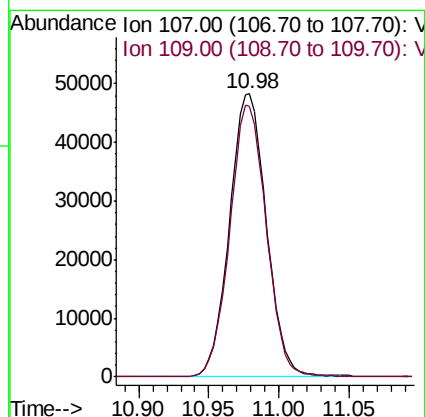
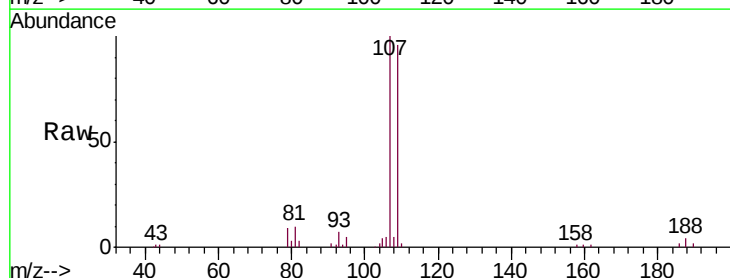
Acq: 13 Aug 2020 23:21

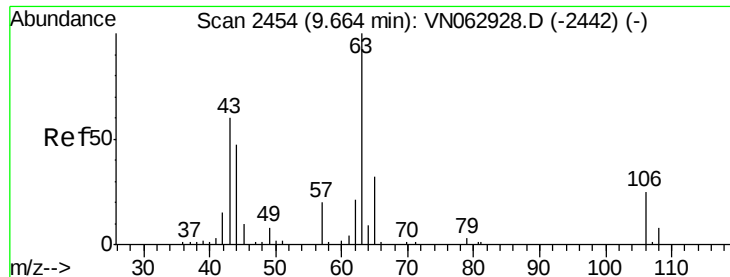
Tgt Ion:107 Resp: 88230

Ion Ratio Lower Upper

107 100

109 95.0 76.9 115.3

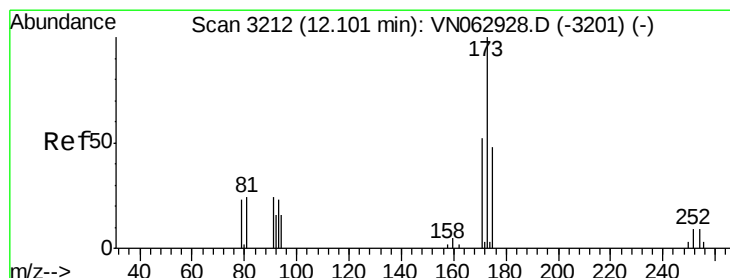
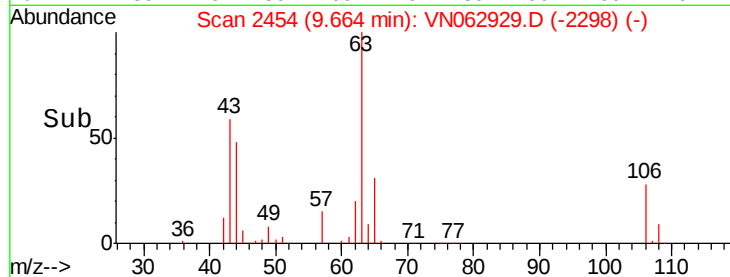
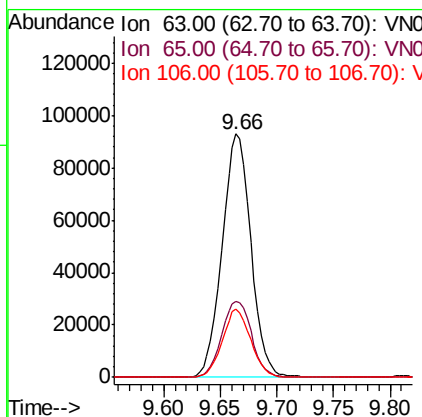
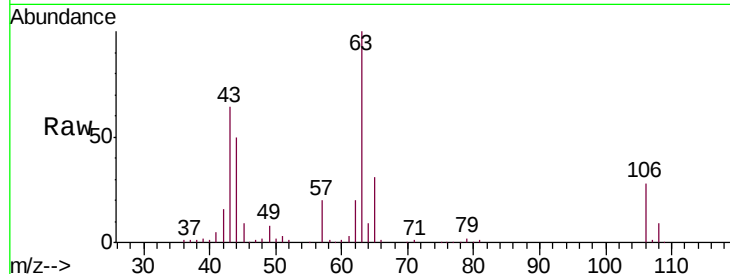




#55
2-Chloroethyl vinyl ether
Concen: 198.091 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

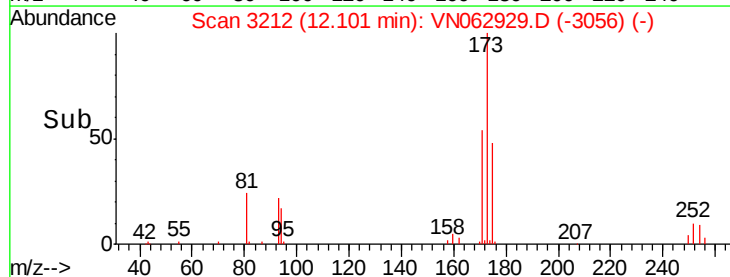
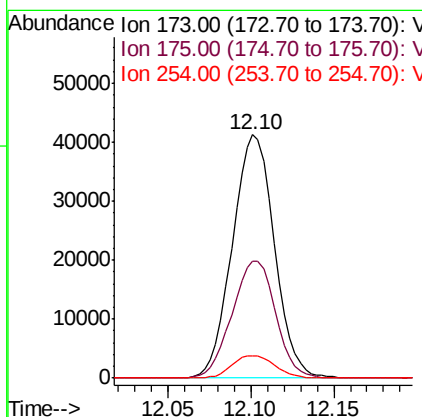
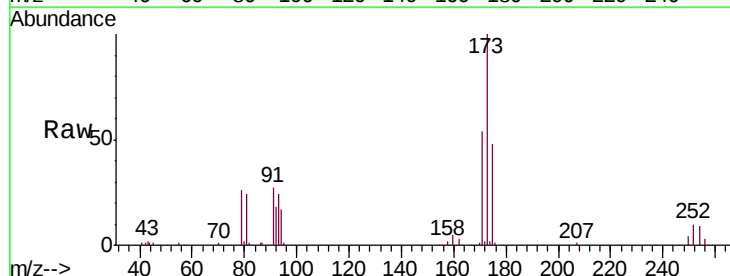
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC050

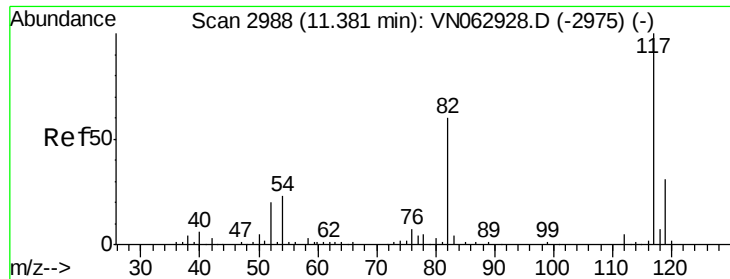
Tgt Ion: 63 Resp: 164677
Ion Ratio Lower Upper
63 100
65 32.5 25.8 38.8
106 27.4 20.4 30.6



#56
Bromoform
Concen: 56.909 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

Tgt Ion: 173 Resp: 72920
Ion Ratio Lower Upper
173 100
175 49.7 37.8 56.6
254 9.4 6.9 10.3

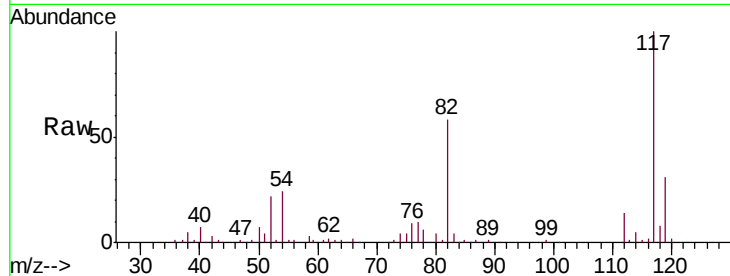




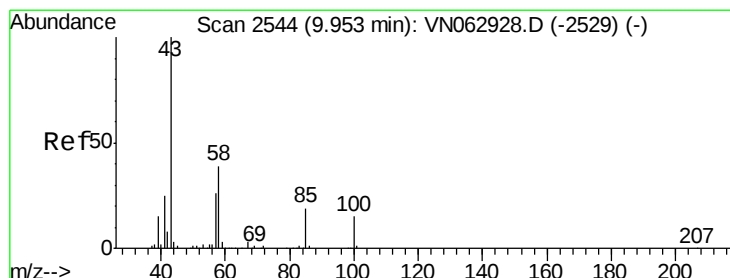
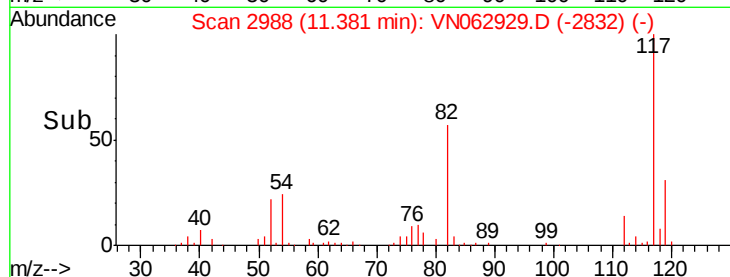
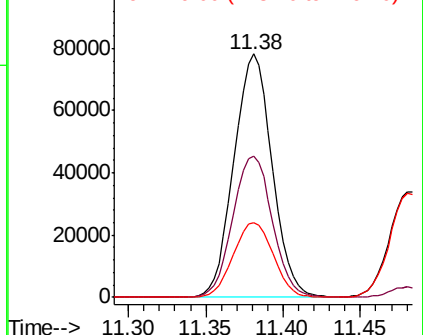
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC050

Tgt Ion: 117 Resp: 134273
Ion Ratio Lower Upper
117 100
82 60.1 47.5 71.3
119 32.3 26.0 39.0

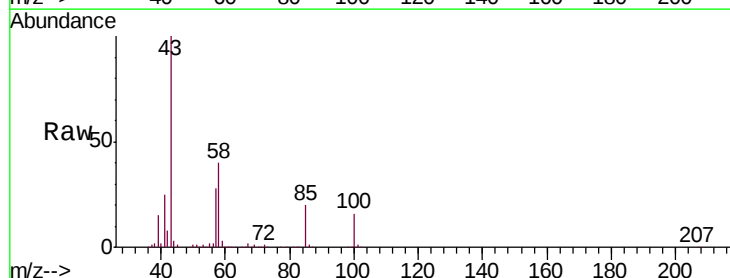


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

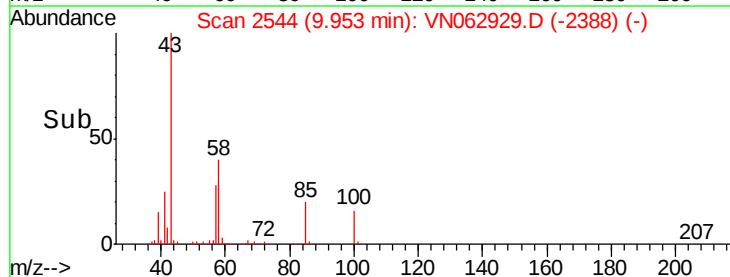
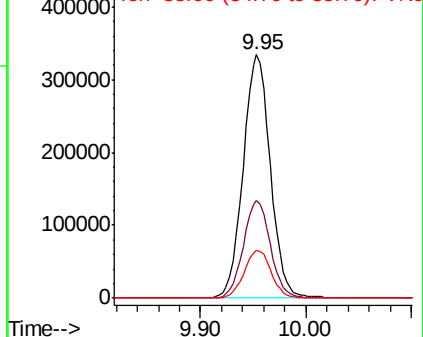


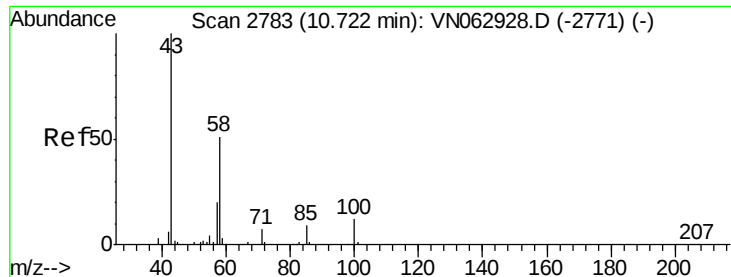
#58
4-Methyl-2-Pentanone
Concen: 236.890 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

Tgt Ion: 43 Resp: 597386
Ion Ratio Lower Upper
43 100
58 40.0 31.3 46.9
85 19.6 15.2 22.8



Abundance Ion 43.00 (42.70 to 43.70): VN
Ion 58.00 (57.70 to 58.70): VN
Ion 85.00 (84.70 to 85.70): VN

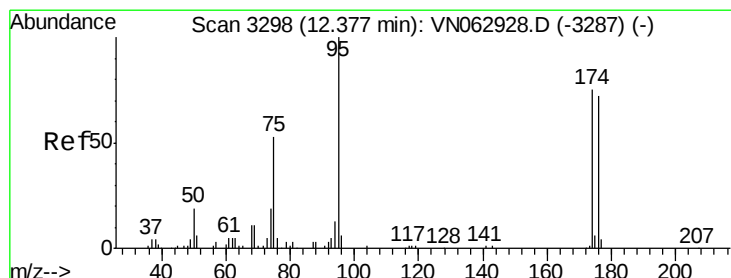
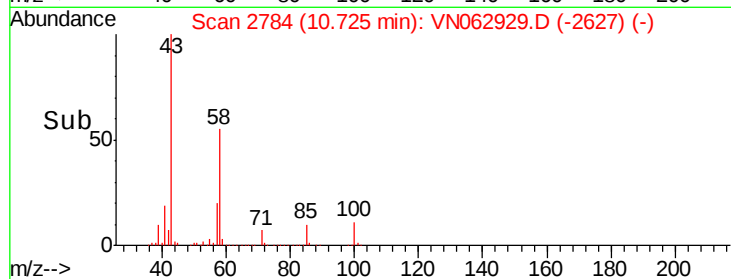
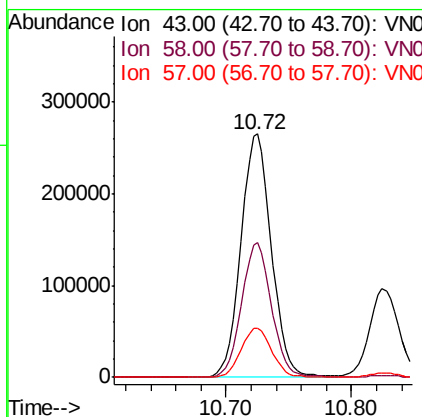
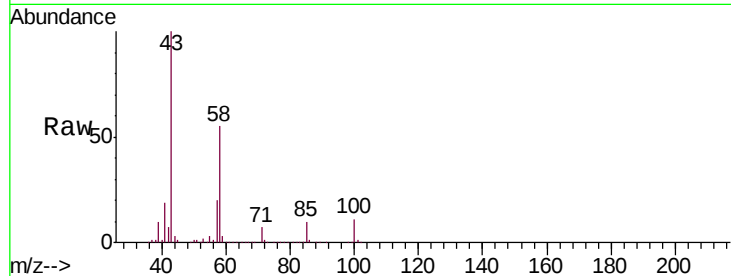




#59
2-Hexanone
Concen: 241.904 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

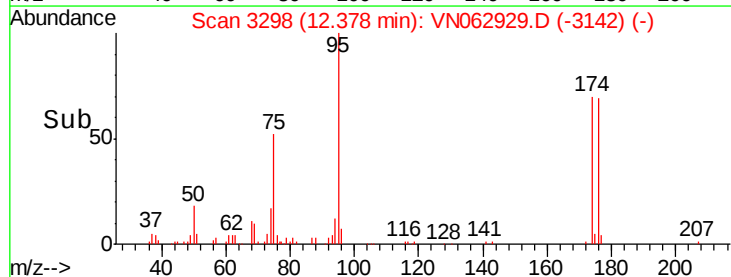
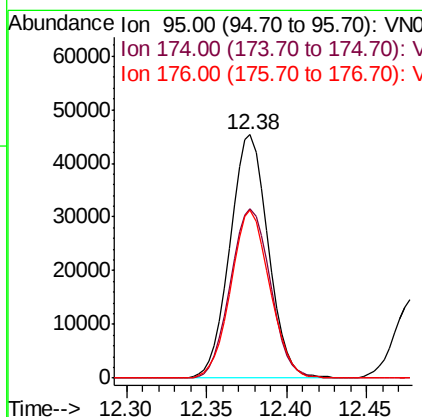
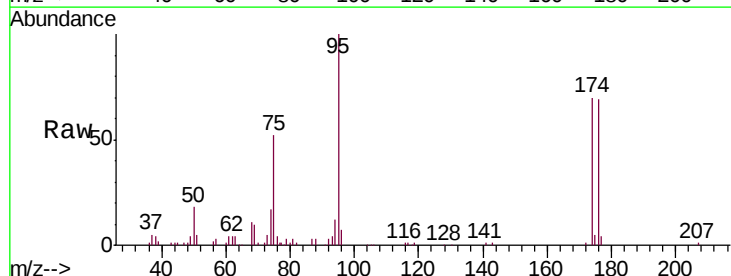
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC050

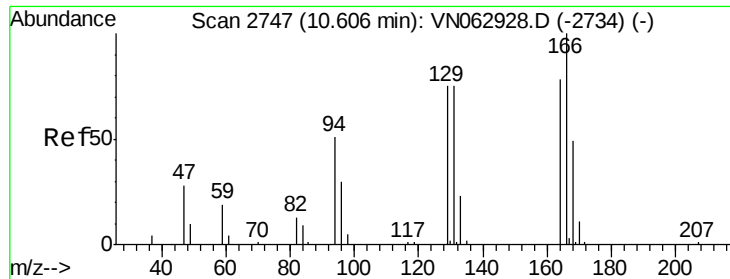
Tgt Ion: 43 Resp: 446558
Ion Ratio Lower Upper
43 100
58 54.6 41.8 62.6
57 20.6 16.2 24.2



#60
4-Bromofluorobenzene
Concen: 32.384 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

Tgt Ion: 95 Resp: 73873
Ion Ratio Lower Upper
95 100
174 72.8 60.9 91.3
176 70.1 57.8 86.8





#61

Tetrachloroethene

Concen: 51.469 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC050

Tgt Ion:164 Resp: 70113

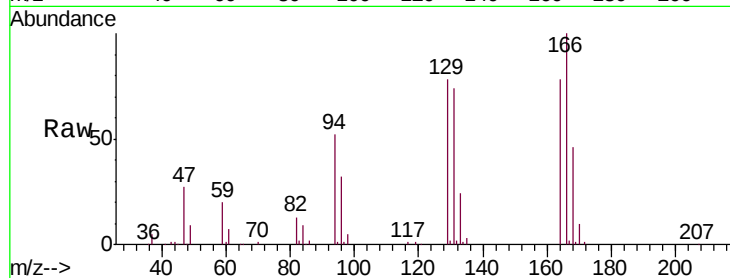
Ion Ratio Lower Upper

164 100

166 127.5 101.9 152.9

129 99.2 76.4 114.6

131 94.5 76.5 114.7



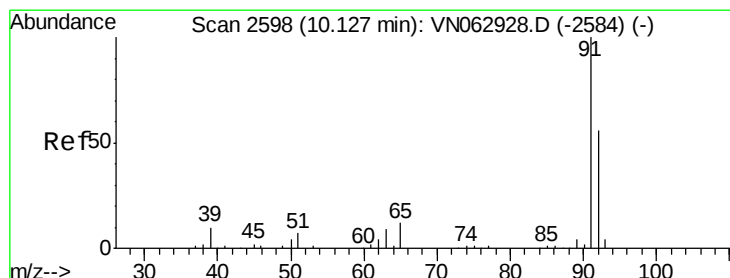
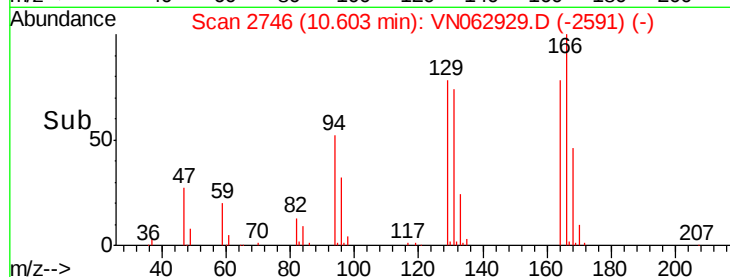
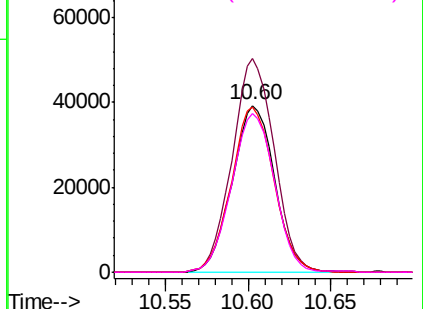
Abundance

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: 48.134 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062929.D

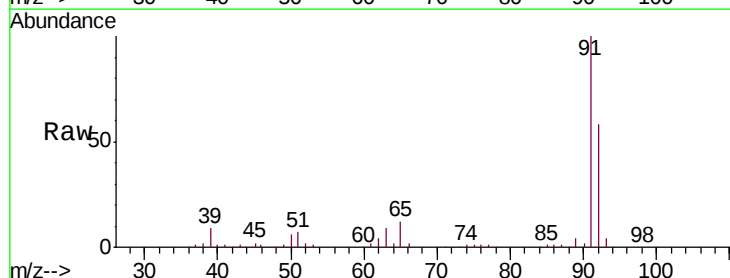
Acq: 13 Aug 2020 23:21

Tgt Ion: 91 Resp: 357565

Ion Ratio Lower Upper

91 100

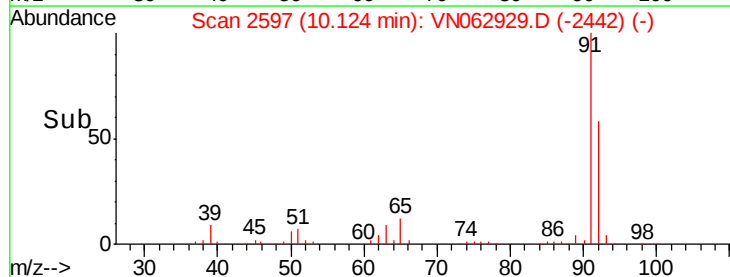
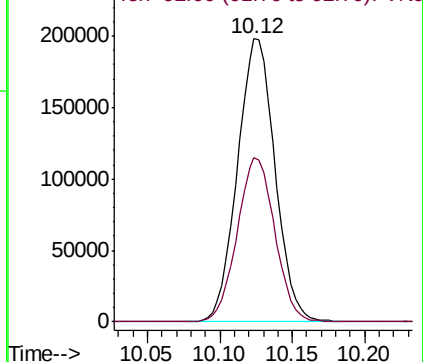
92 58.1 45.2 67.8

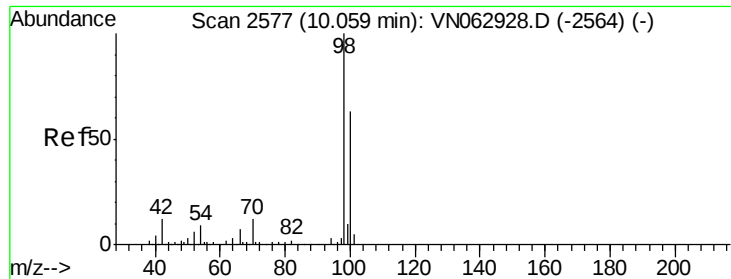


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.191 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

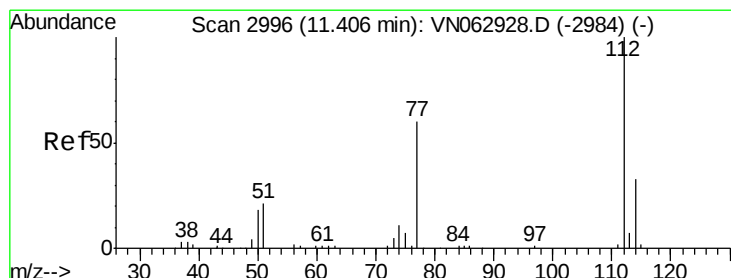
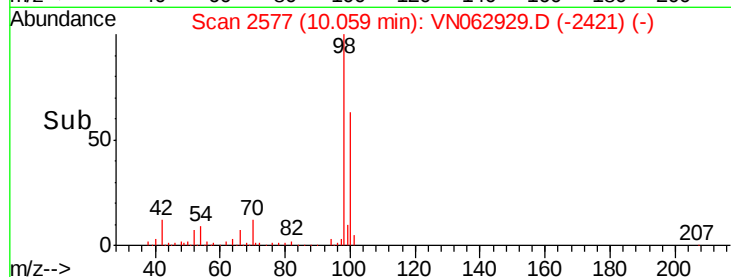
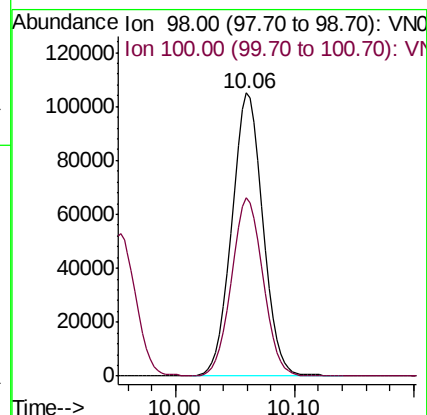
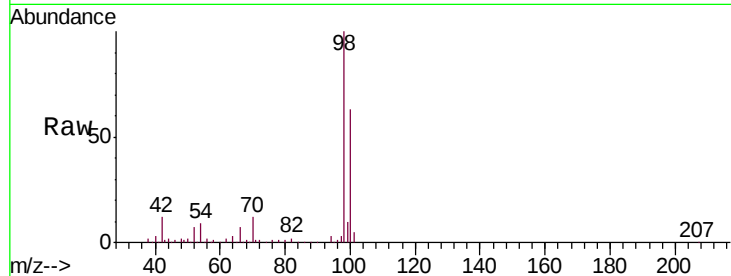
VSTDIC050

Tgt Ion: 98 Resp: 190344

Ion Ratio Lower Upper

98 100

100 63.1 51.0 76.6



#64

Chlorobenzene

Concen: 50.257 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062929.D

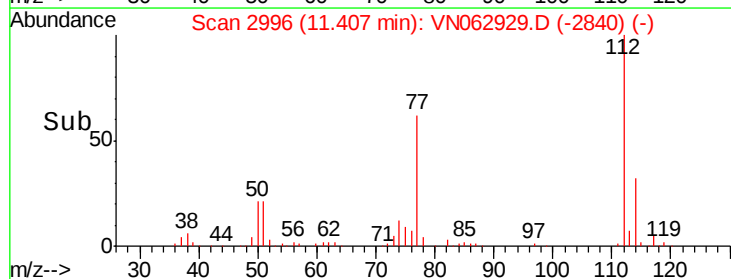
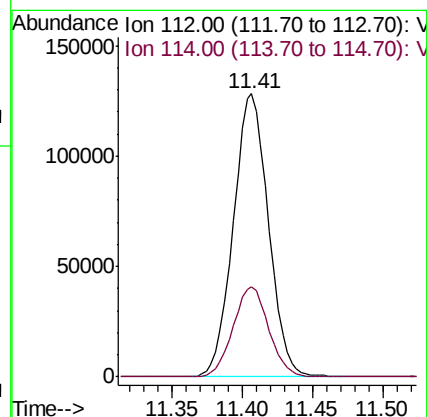
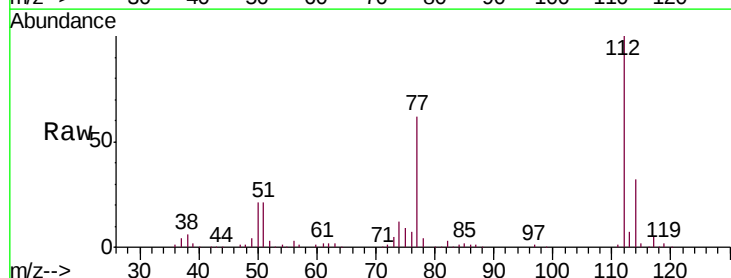
Acq: 13 Aug 2020 23:21

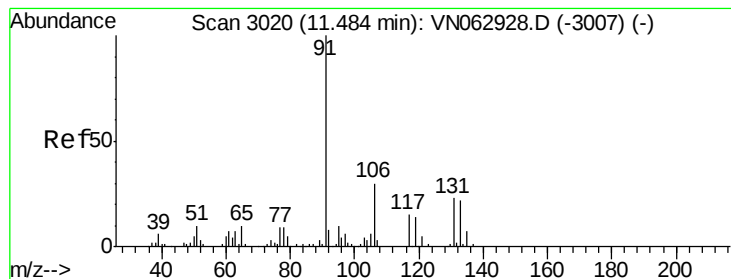
Tgt Ion: 112 Resp: 223226

Ion Ratio Lower Upper

112 100

114 31.9 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 55.294 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC050

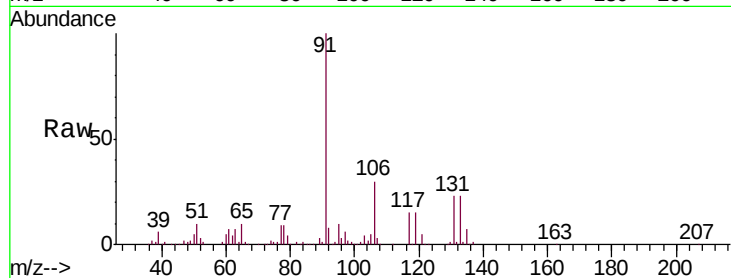
Tgt Ion:131 Resp: 93181

Ion Ratio Lower Upper

131 100

133 97.7 0.0 192.6

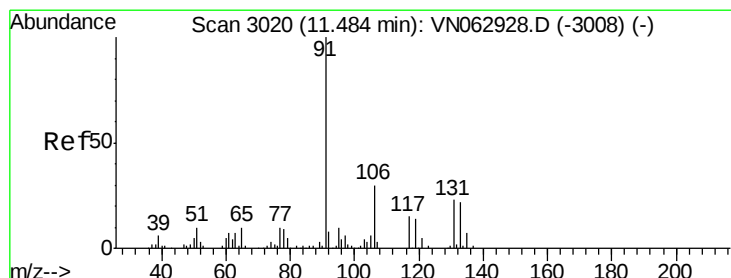
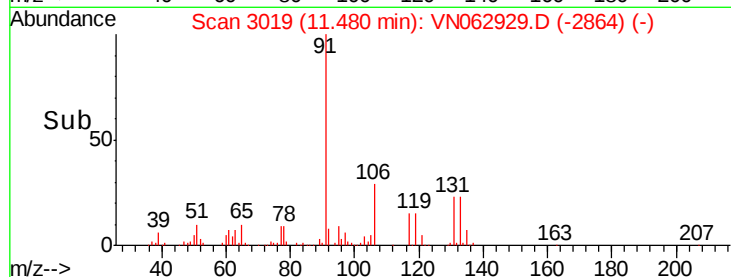
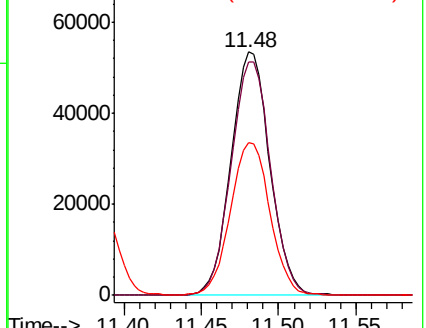
119 63.8 0.0 125.4



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: 50.009 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062929.D

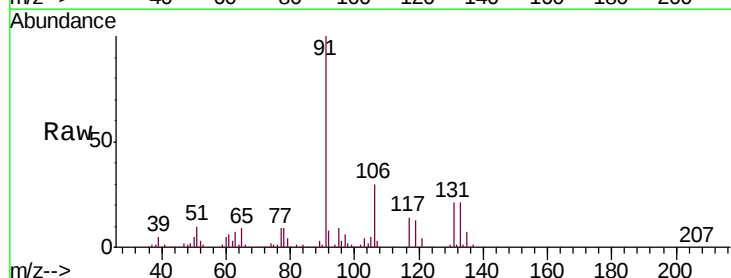
Acq: 13 Aug 2020 23:21

Tgt Ion: 91 Resp: 411286

Ion Ratio Lower Upper

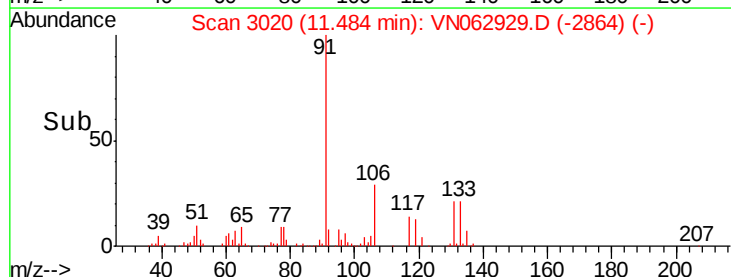
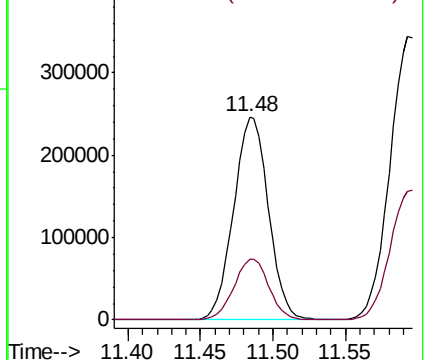
91 100

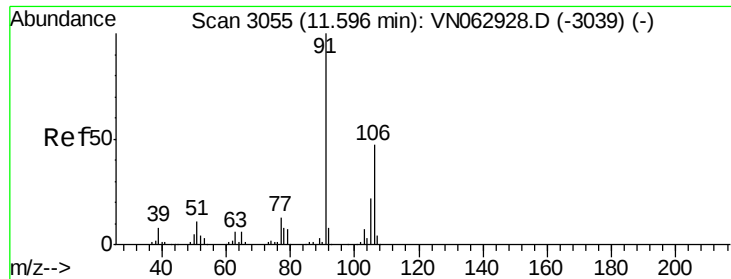
106 29.8 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

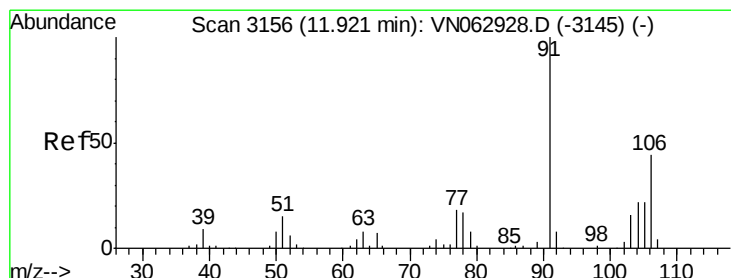
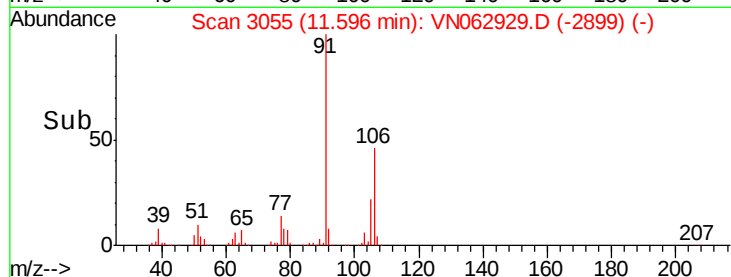
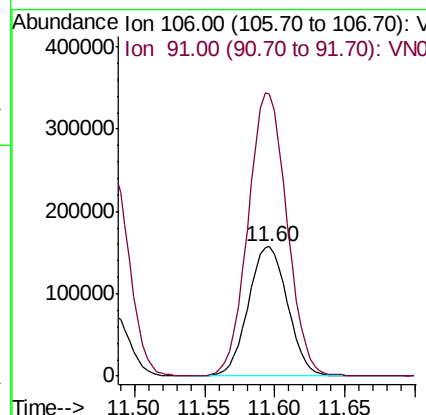
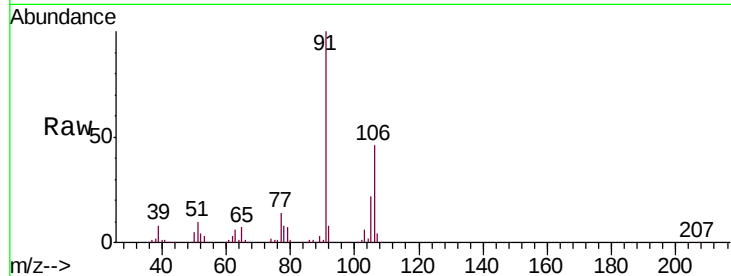




#67
m/p-Xylenes
Concen: 101.329 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

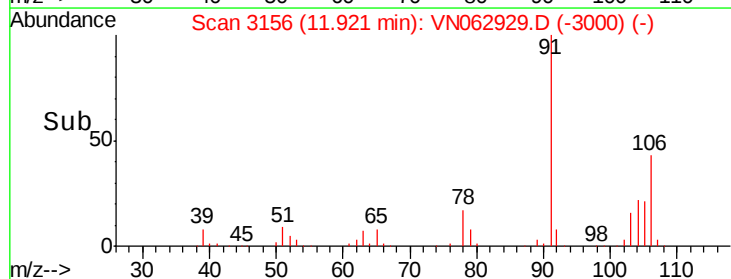
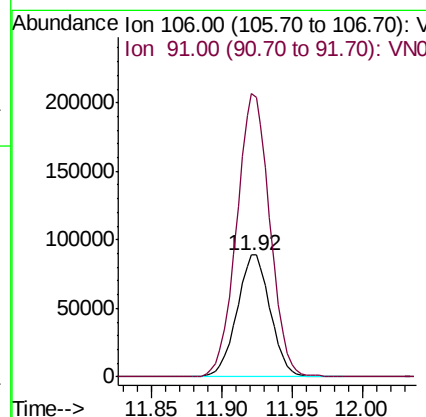
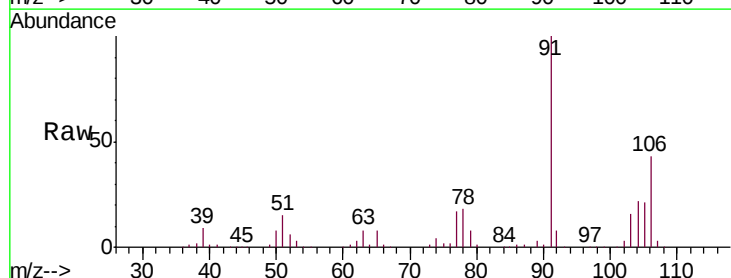
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC050

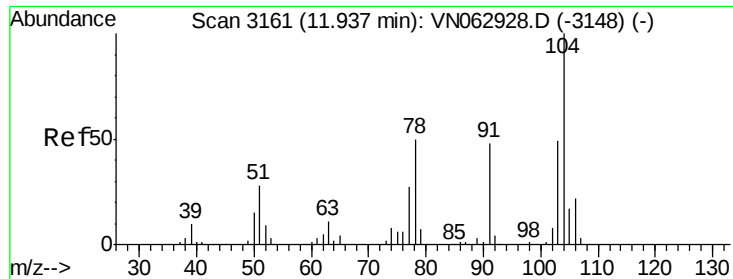
Tgt Ion:106 Resp: 306435
Ion Ratio Lower Upper
106 100
91 215.9 171.0 256.6



#68
o-Xylene
Concen: 51.105 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

Tgt Ion:106 Resp: 147138
Ion Ratio Lower Upper
106 100
91 231.3 115.4 346.2

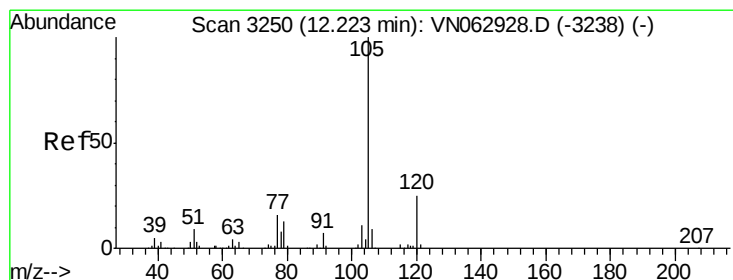
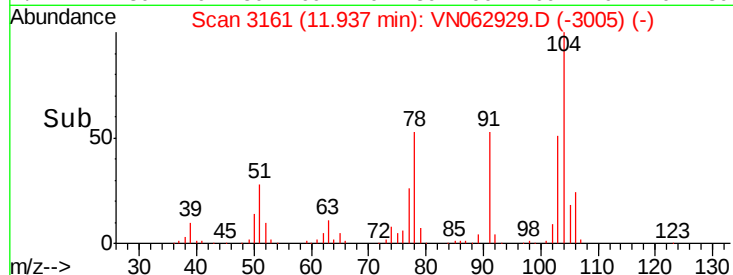
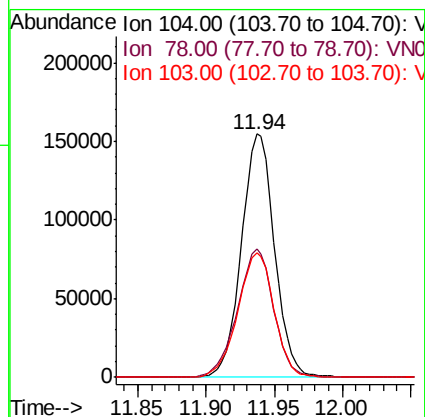
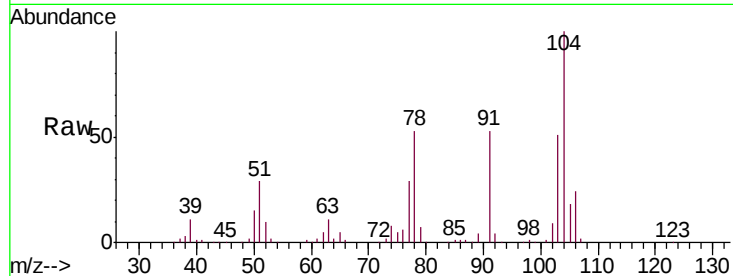




#69
Styrene
Concen: 52.673 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

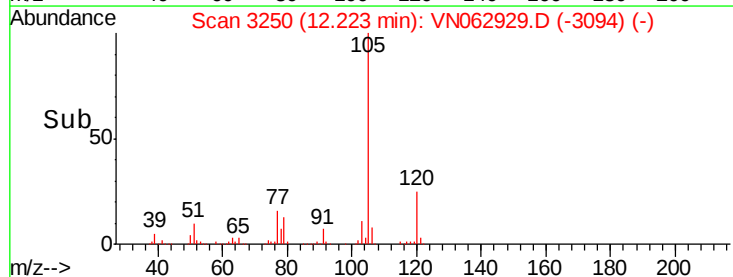
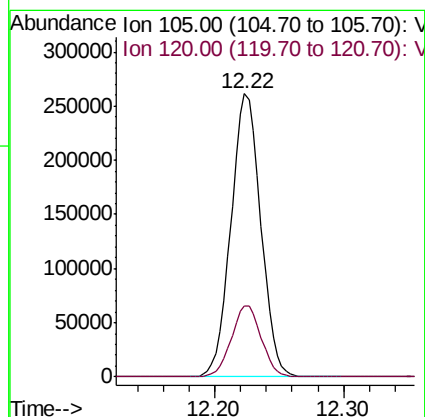
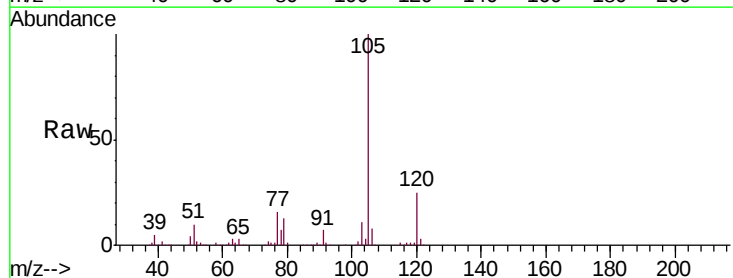
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC050

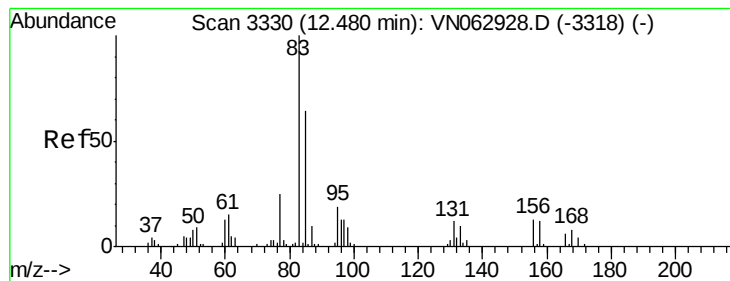
Tgt Ion:104 Resp: 261266
Ion Ratio Lower Upper
104 100
78 57.6 44.4 66.6
103 55.8 44.0 66.0



#70
Isopropylbenzene
Concen: 53.650 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

Tgt Ion:105 Resp: 420082
Ion Ratio Lower Upper
105 100
120 25.1 18.0 33.4





#71

1,1,2,2-Tetrachloroethane

Concen: 52.078 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC050

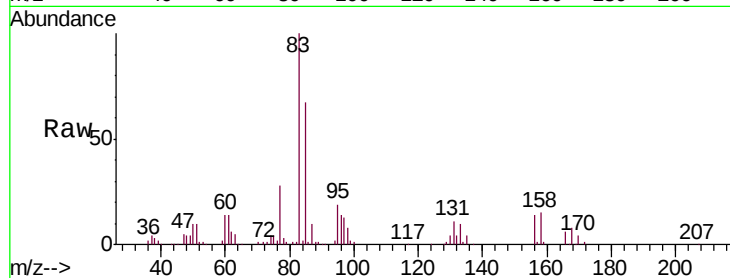
Tgt Ion: 83 Resp: 132359

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

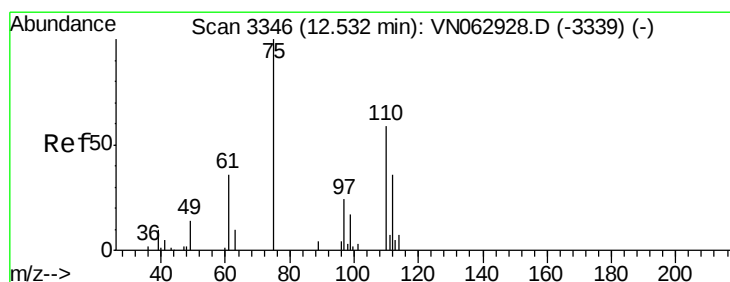
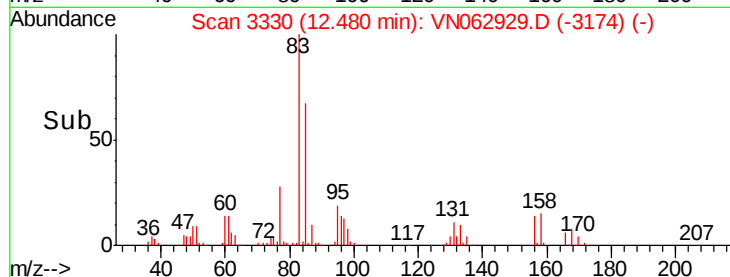
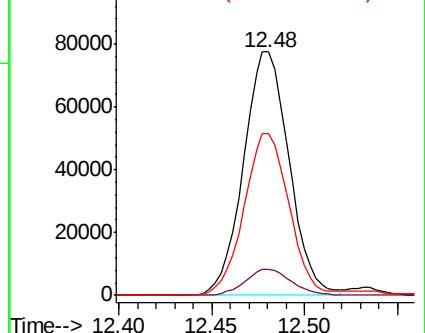
85 65.5 31.7 95.1



Abundance Ion 83.00 (82.70 to 83.70): VN062929.D (-3174) (-)

Ion 131.00 (130.70 to 131.70): VN062929.D (-3174) (-)

Ion 85.00 (84.70 to 85.70): VN062929.D (-3174) (-)



#72

1,2,3-Trichloropropane

Concen: 71.674 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062929.D

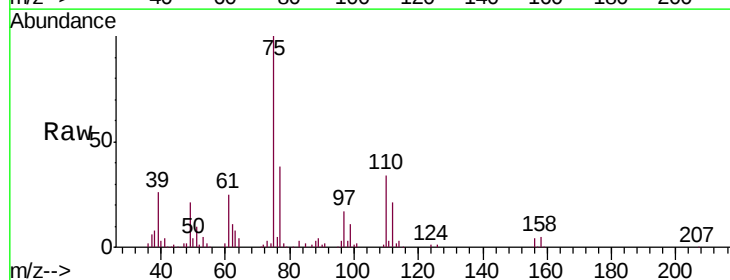
Acq: 13 Aug 2020 23:21

Tgt Ion: 75 Resp: 179972

Ion Ratio Lower Upper

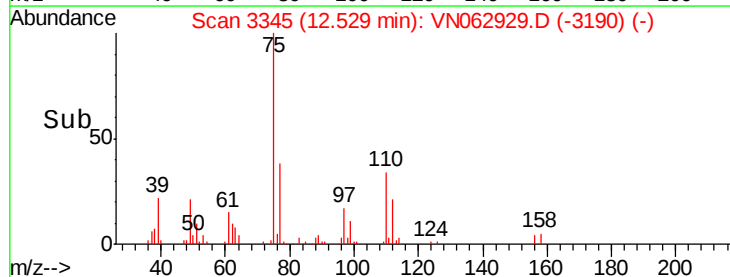
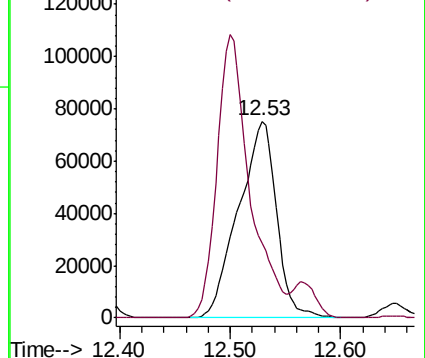
75 100

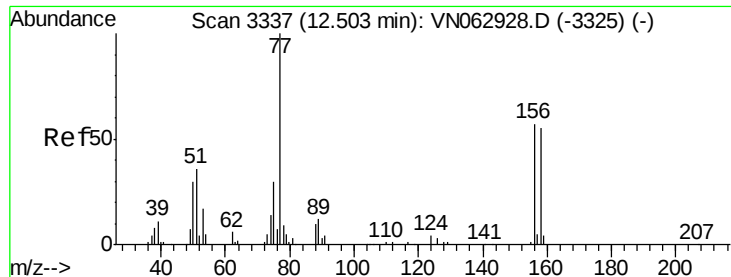
77 124.3 0.0 313.0



Abundance Ion 75.00 (74.70 to 75.70): VN062929.D (-3190) (-)

Ion 77.00 (76.70 to 77.70): VN062929.D (-3190) (-)





#73

Bromobenzene

Concen: 54.279 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC050

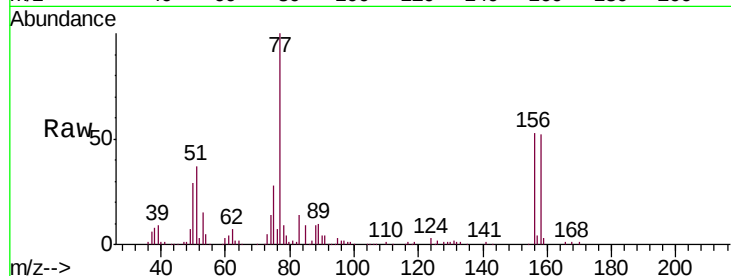
Tgt Ion:156 Resp: 99722

Ion Ratio Lower Upper

156 100

77 224.4 0.0 448.4

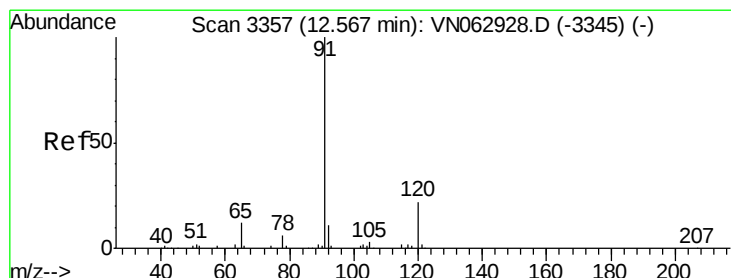
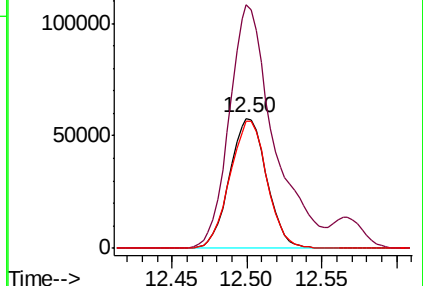
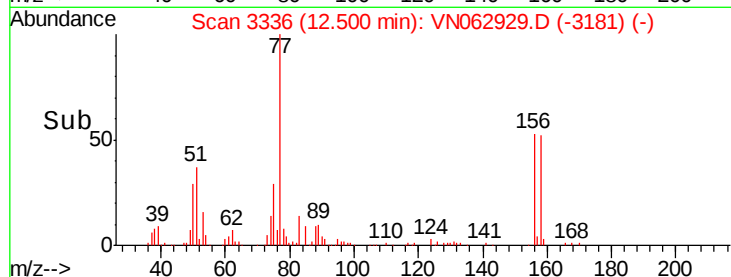
158 98.1 0.0 195.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 51.814 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062929.D

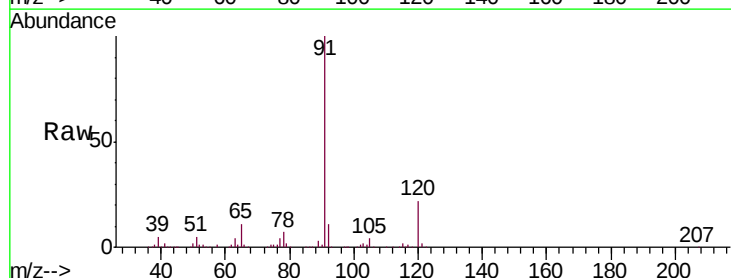
Acq: 13 Aug 2020 23:21

Tgt Ion: 91 Resp: 479677

Ion Ratio Lower Upper

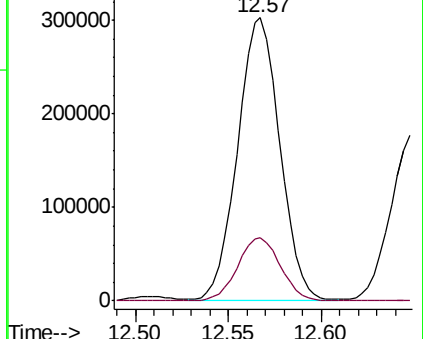
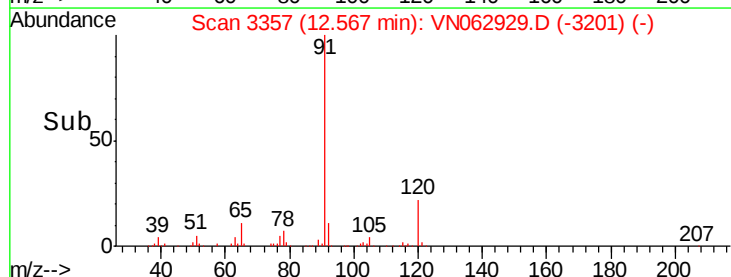
91 100

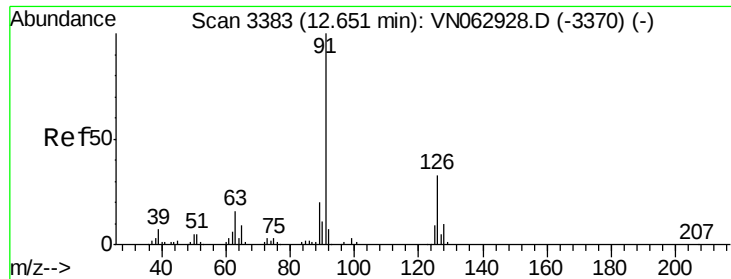
120 22.5 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 52.247 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

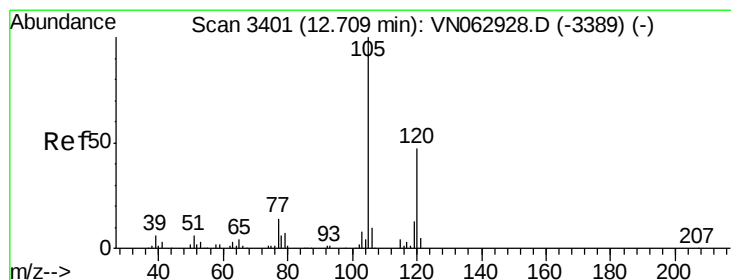
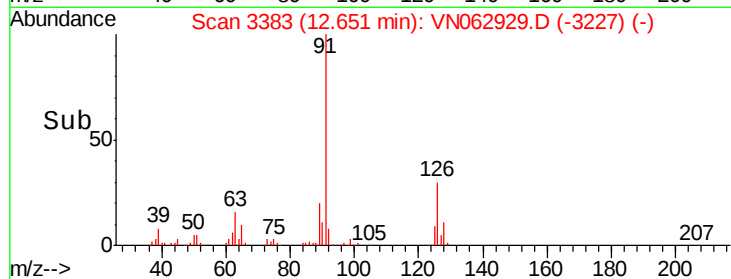
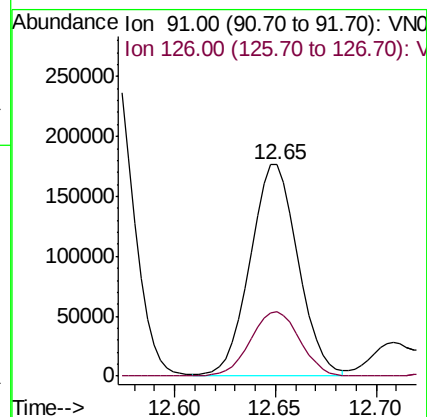
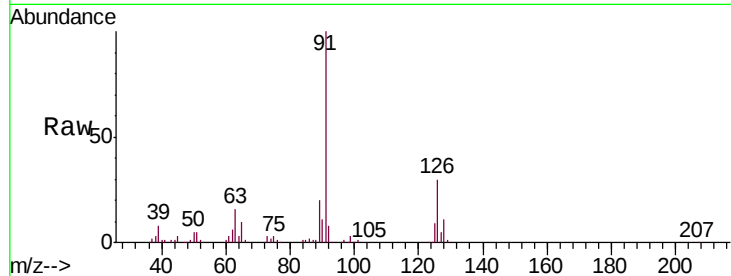
VSTDIC050

Tgt Ion: 91 Resp: 294288

Ion Ratio Lower Upper

91 100

126 31.5 0.0 63.0



#76

1,3,5-Trimethylbenzene

Concen: 55.758 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062929.D

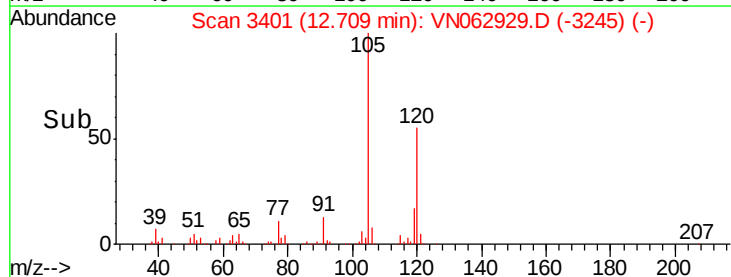
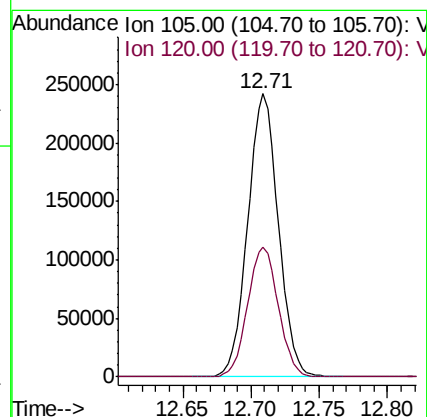
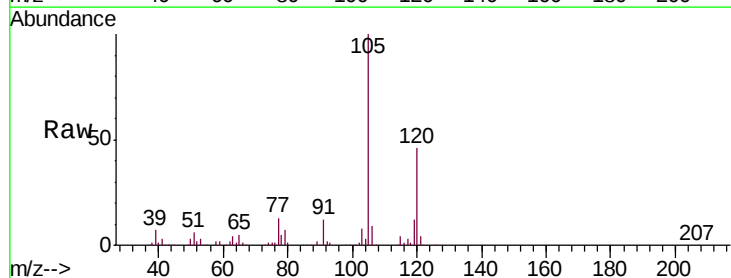
Acq: 13 Aug 2020 23:21

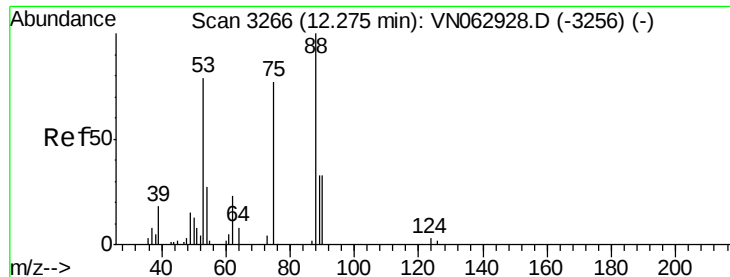
Tgt Ion: 105 Resp: 375668

Ion Ratio Lower Upper

105 100

120 46.2 0.0 92.4





#77

t-1,4-Dichloro-2-butene

Concen: 47.980 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC050

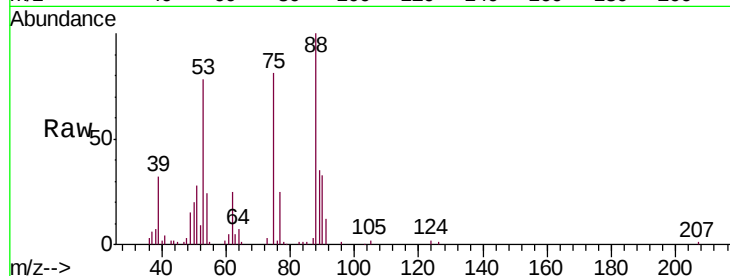
Tgt Ion: 75 Resp: 43076

Ion Ratio Lower Upper

75 100

53 95.5 52.3 157.1

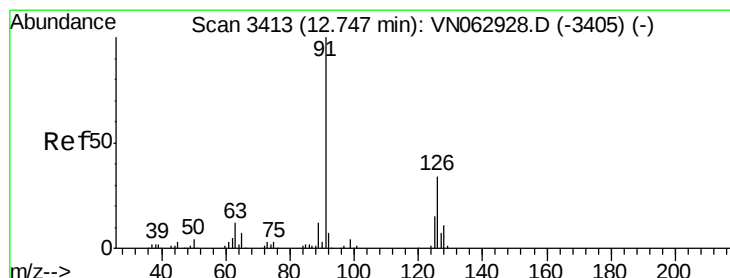
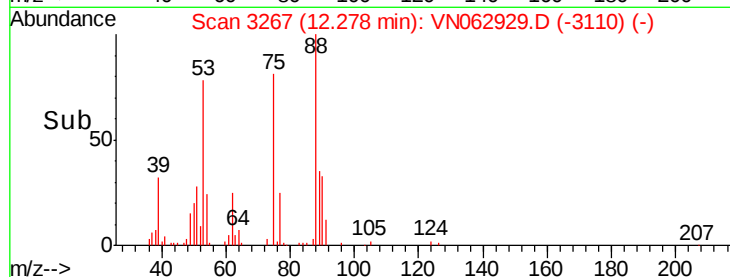
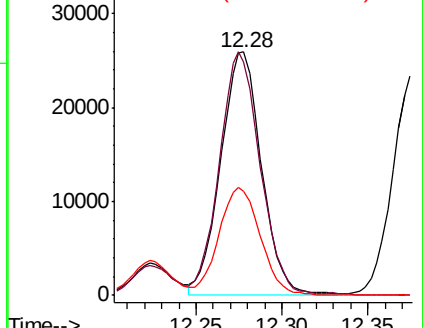
89 43.2 23.4 70.3



Abundance Ion 75.00 (74.70 to 75.70): VN062929.D (-3110) (-)

Ion 53.00 (52.70 to 53.70): VN062929.D (-3110) (-)

Ion 89.00 (88.70 to 89.70): VN062929.D (-3110) (-)



#78

4-Chlorotoluene

Concen: 53.197 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062929.D

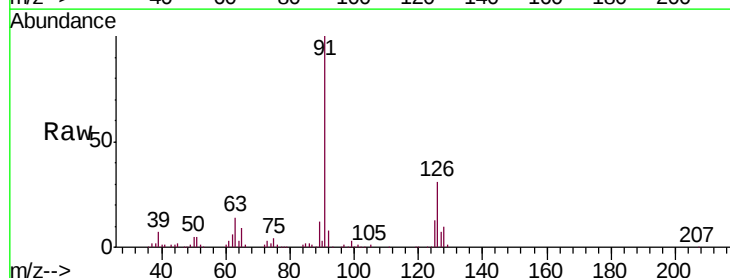
Acq: 13 Aug 2020 23:21

Tgt Ion: 91 Resp: 304854

Ion Ratio Lower Upper

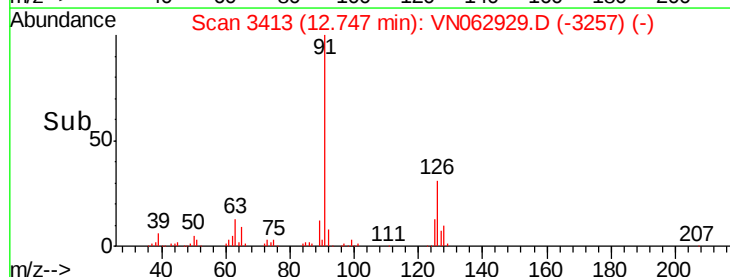
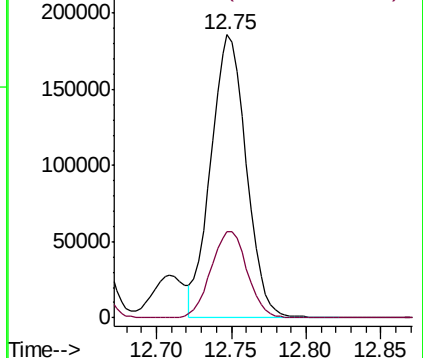
91 100

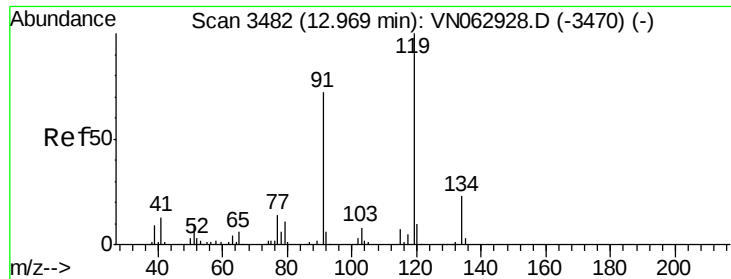
126 31.3 0.0 63.0



Abundance Ion 91.00 (90.70 to 91.70): VN062929.D (-3257) (-)

Ion 126.00 (125.70 to 126.70): VN062929.D (-3257) (-)

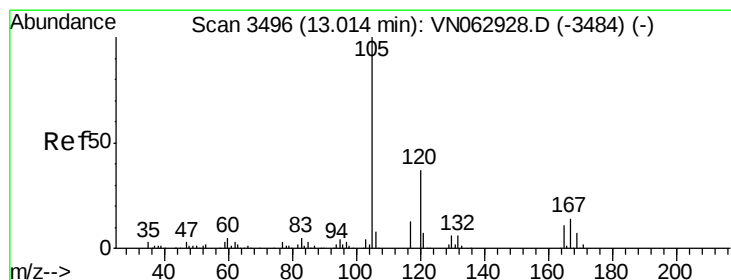
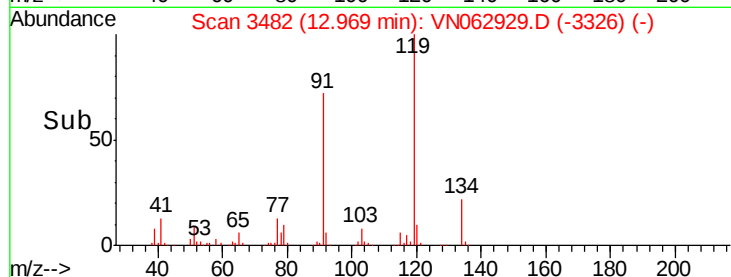
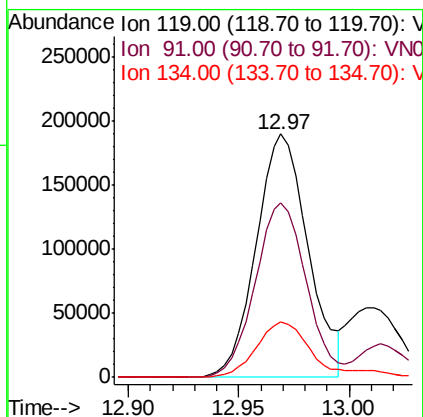
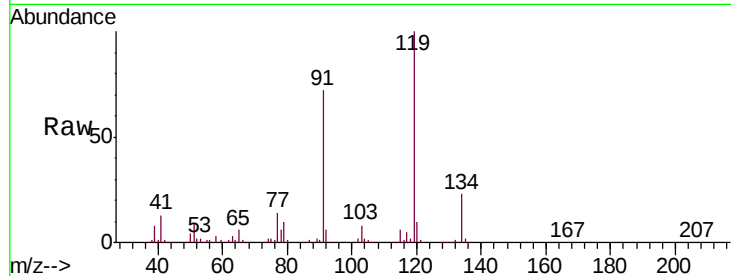




#79
tert-butylbenzene
Concen: 55.845 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

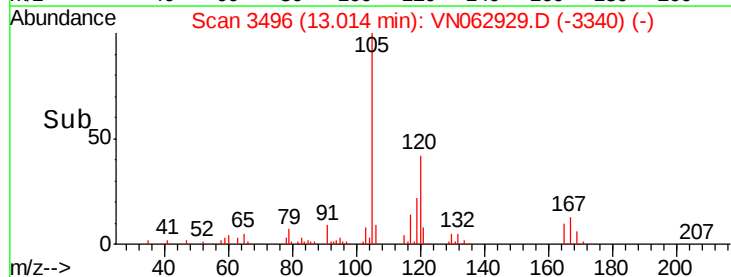
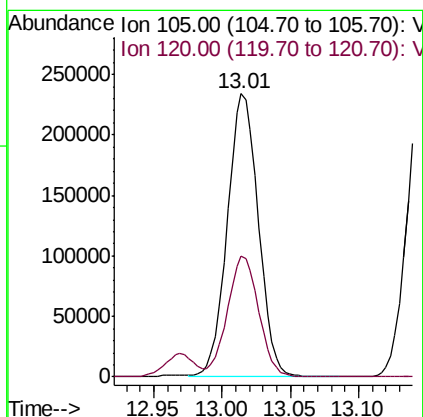
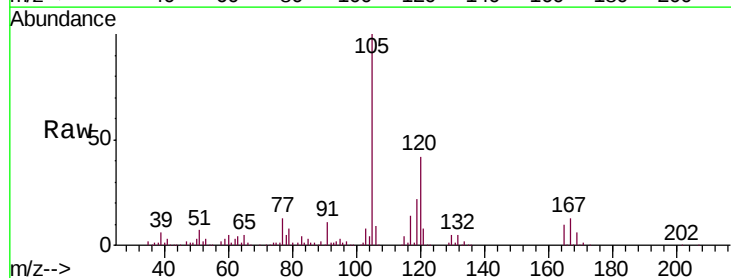
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC050

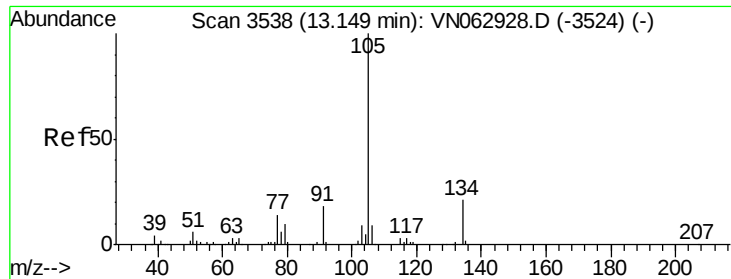
Tgt Ion:119 Resp: 310450
Ion Ratio Lower Upper
119 100
91 70.6 0.0 145.0
134 23.0 0.0 44.6



#80
1,2,4-Trimethylbenzene
Concen: 56.063 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

Tgt Ion:105 Resp: 369634
Ion Ratio Lower Upper
105 100
120 43.3 0.0 86.6

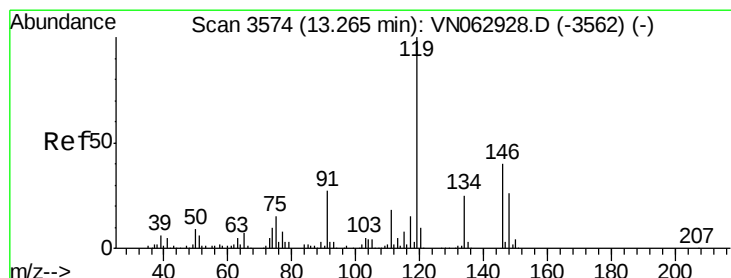
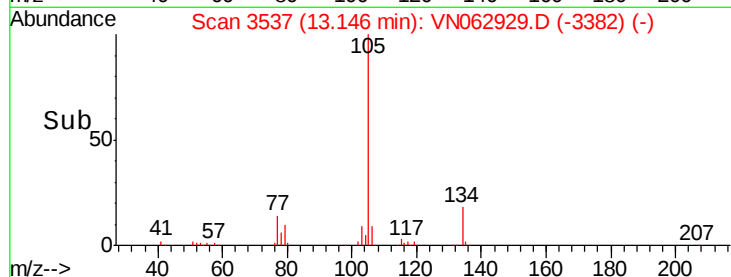
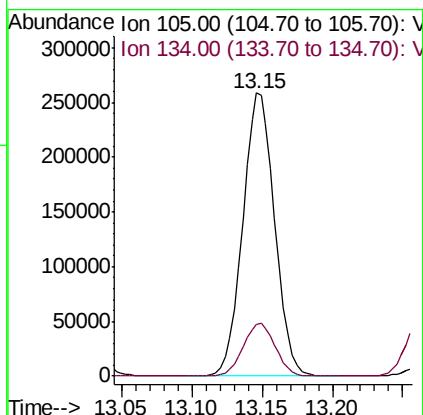
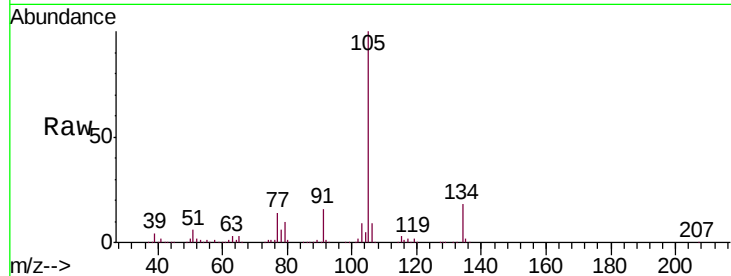




#81
 sec-Butylbenzene
 Concen: 54.649 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

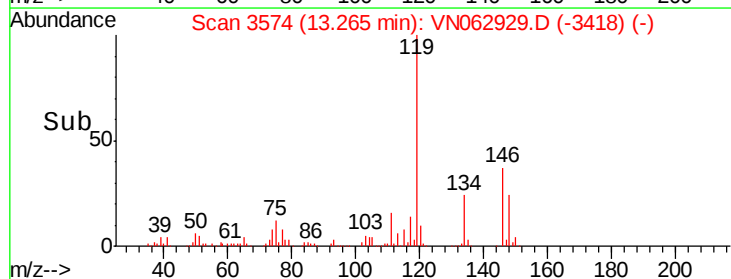
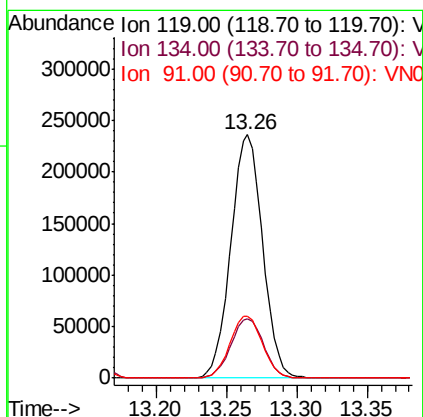
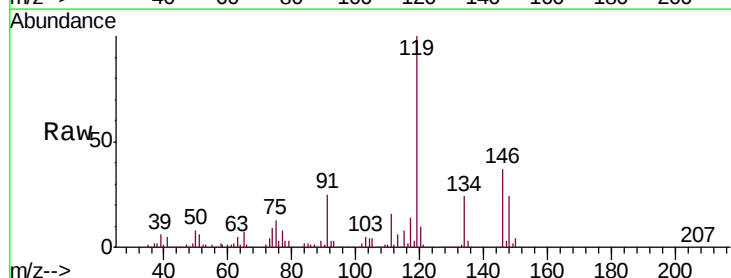
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC050

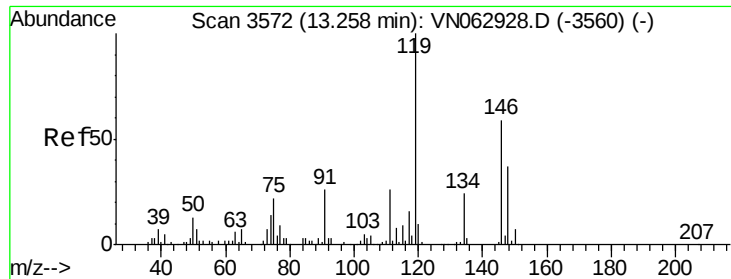
Tgt Ion:105 Resp: 406880
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 56.549 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

Tgt Ion:119 Resp: 372278
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 49.6
 91 25.8 0.0 53.6

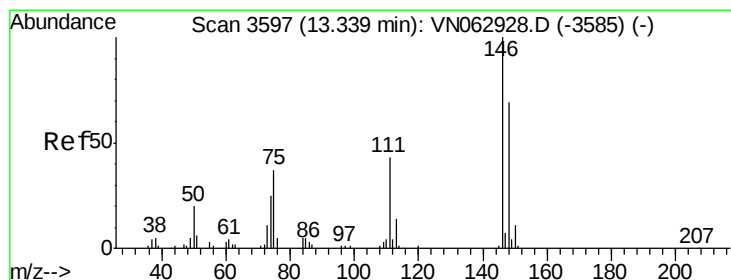
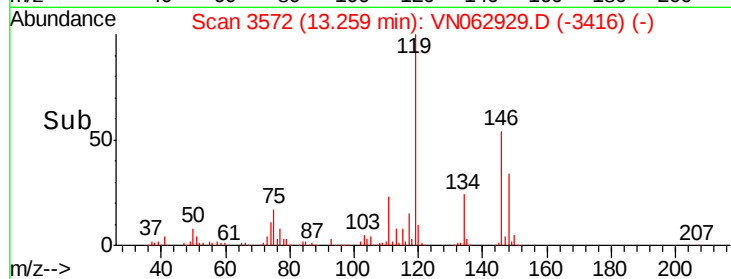
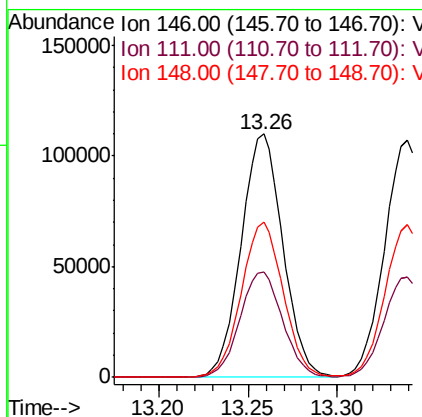
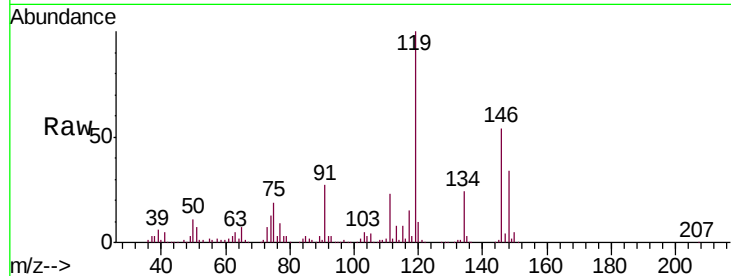




#83
 1,3-Dichlorobenzene
 Concen: 56.494 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

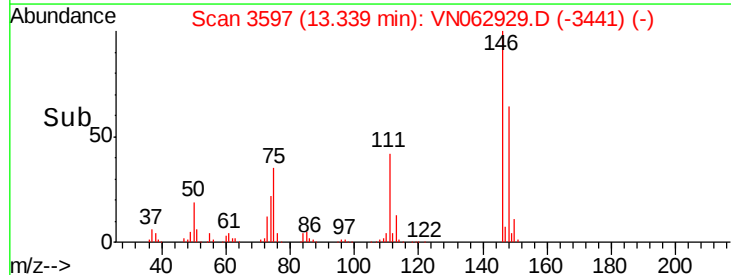
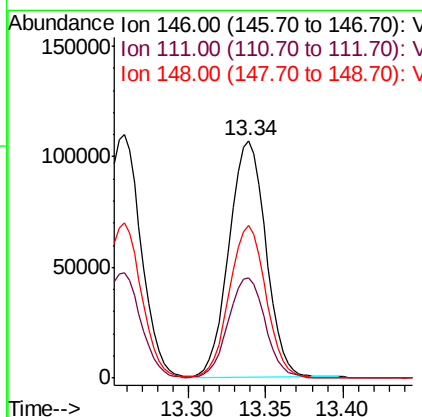
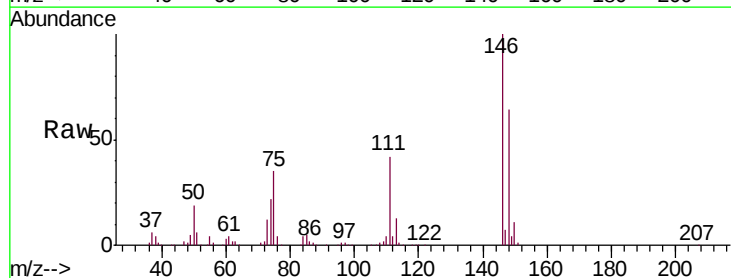
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC050

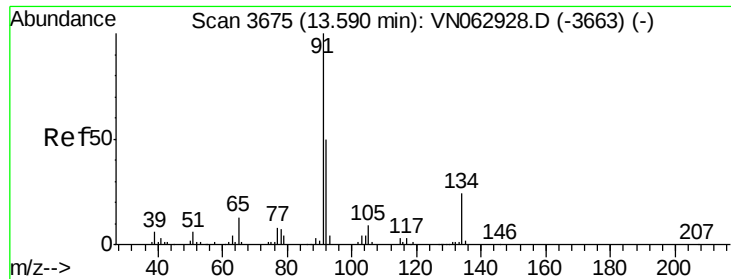
Tgt Ion:146 Resp: 180555
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.4 67.2
 148 63.8 31.6 94.7



#84
 1,4-Dichlorobenzene
 Concen: 56.147 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062929.D
 Acq: 13 Aug 2020 23:21

Tgt Ion:146 Resp: 176692
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.6 64.8
 148 64.1 33.3 99.9





#85

n-Butylbenzene

Concen: 52.214 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC050

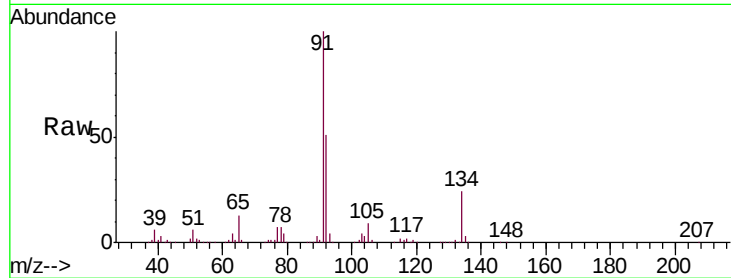
Tgt Ion: 91 Resp: 290745

Ion Ratio Lower Upper

91 100

92 50.9 0.0 97.2

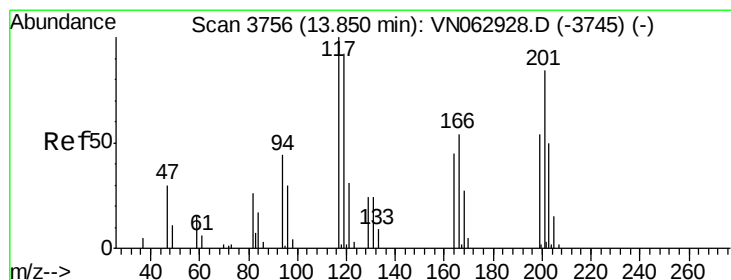
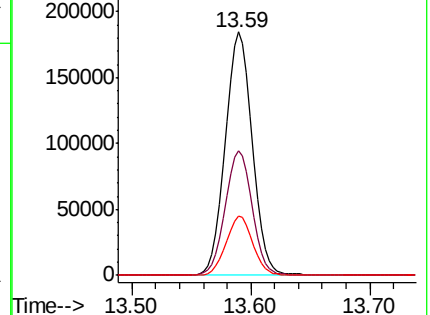
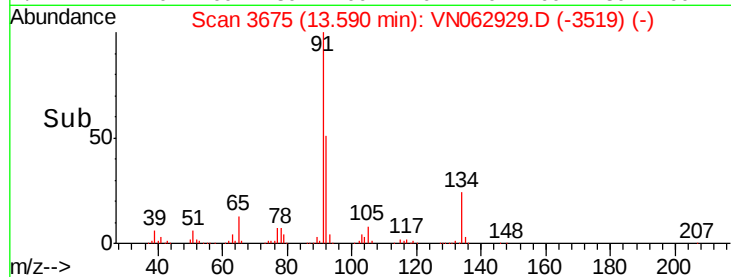
134 23.9 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VN062929.D (-3519) (-)

Ion 92.00 (91.70 to 92.70): VN062929.D (-3519) (-)

Ion 134.00 (133.70 to 134.70): VN062929.D (-3519) (-)



#86

Hexachloroethane

Concen: 54.761 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062929.D

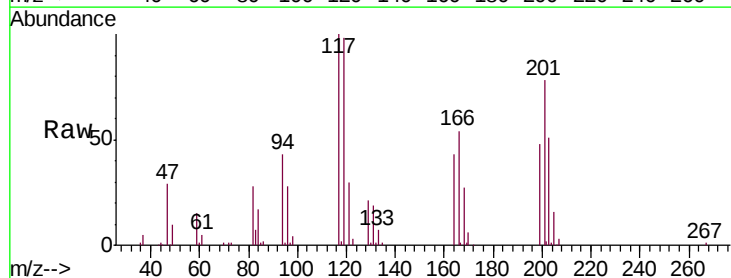
Acq: 13 Aug 2020 23:21

Tgt Ion: 117 Resp: 70689

Ion Ratio Lower Upper

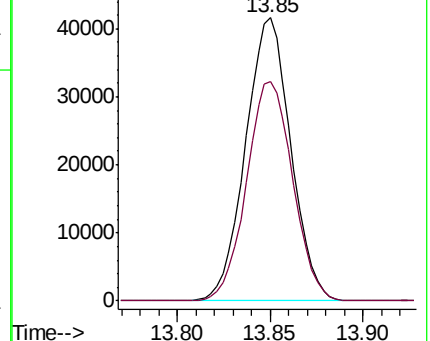
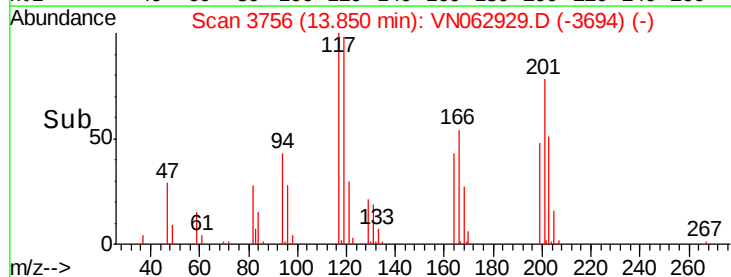
117 100

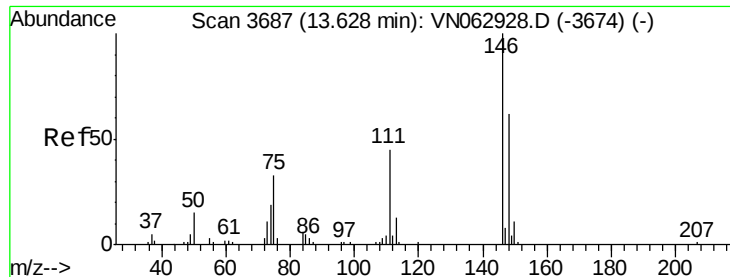
201 79.0 40.9 122.7



Abundance Ion 117.00 (116.70 to 117.70): VN062929.D (-3694) (-)

Ion 201.00 (200.70 to 201.70): VN062929.D (-3694) (-)





#87

1,2-Dichlorobenzene

Concen: 57.296 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC050

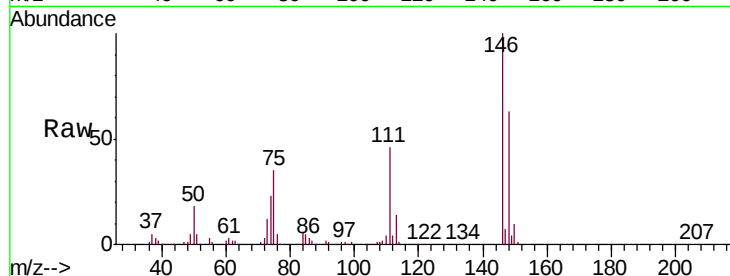
Tgt Ion:146 Resp: 176451

Ion Ratio Lower Upper

146 100

111 45.8 23.3 69.8

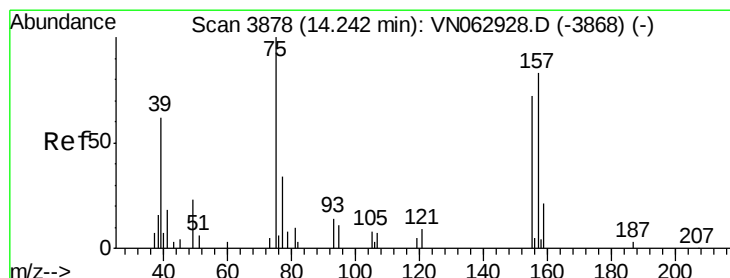
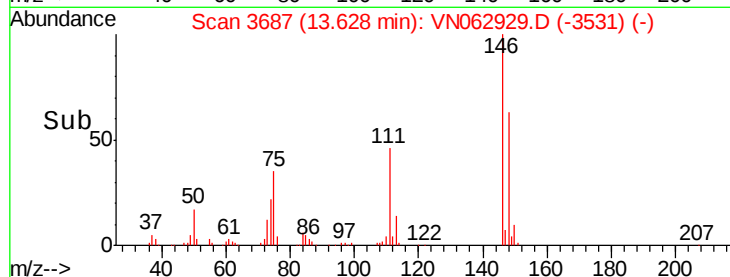
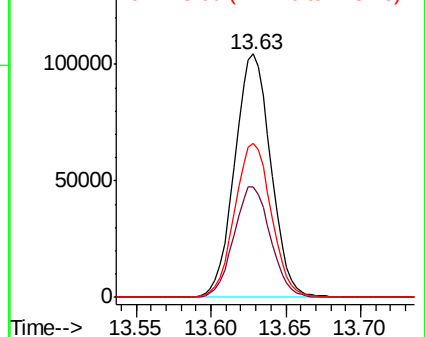
148 64.2 31.3 93.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 64.170 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN062929.D

Acq: 13 Aug 2020 23:21

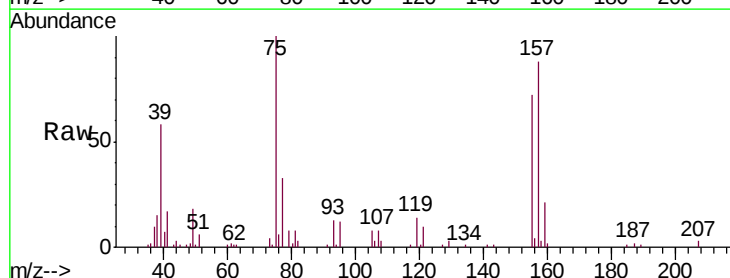
Tgt Ion: 75 Resp: 30974

Ion Ratio Lower Upper

75 100

155 68.8 59.8 89.8

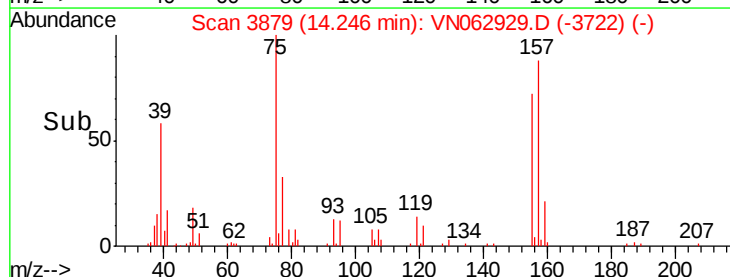
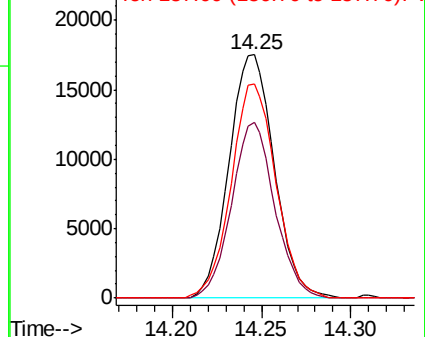
157 87.1 71.6 107.4

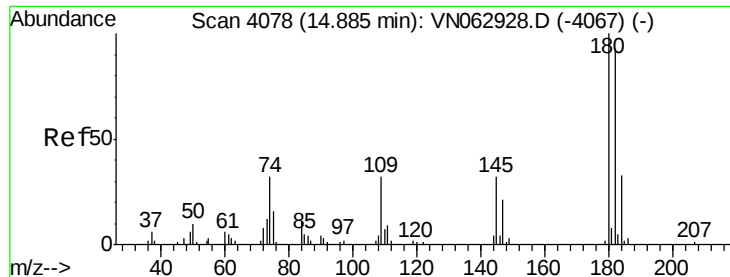


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

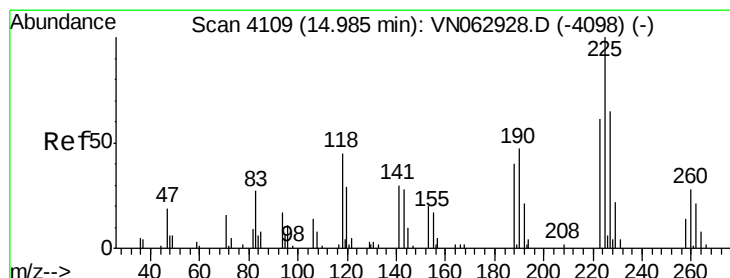
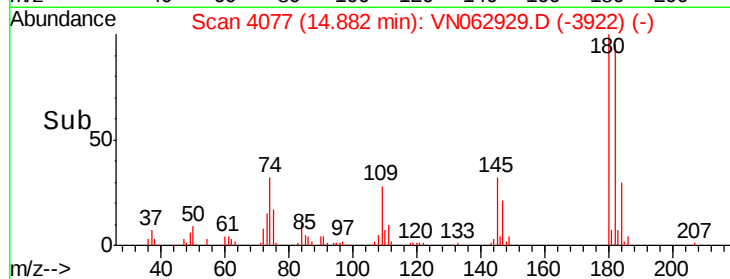
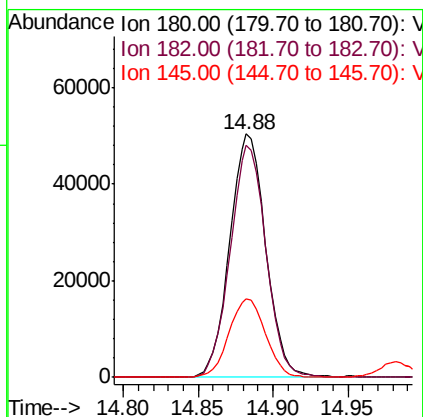
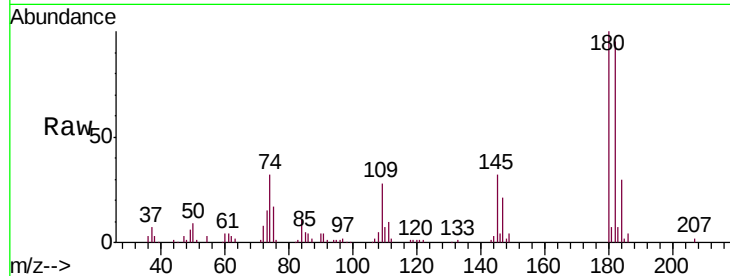




#89
1,2,4-Trichlorobenzene
Concen: 56.565 ug/l
RT: 14.88 min Scan# 4077
Delta R.T. -0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

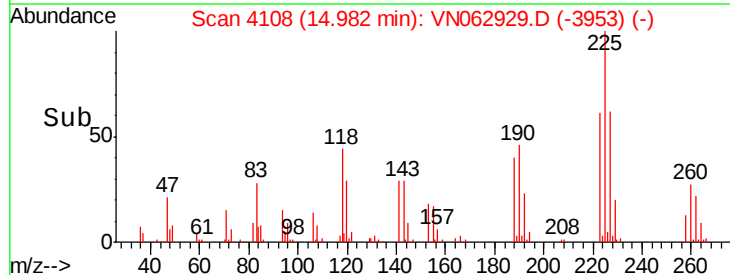
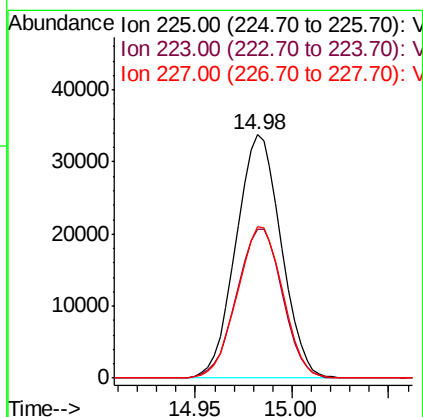
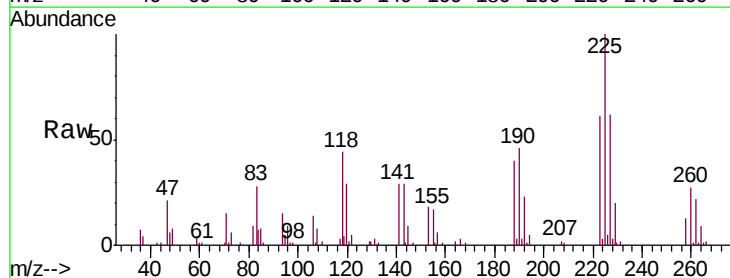
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC050

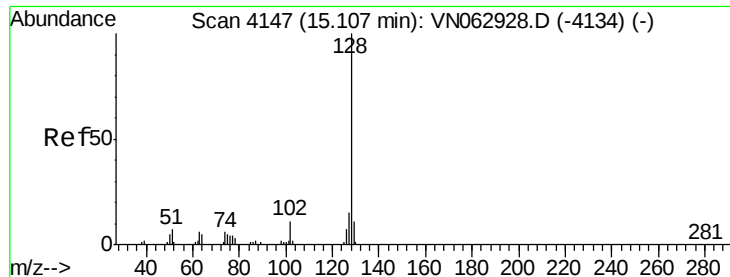
Tgt Ion:180 Resp: 84612
Ion Ratio Lower Upper
180 100
182 94.6 75.3 112.9
145 32.6 25.4 38.2



#90
Hexachlorobutadiene
Concen: 62.826 ug/l
RT: 14.98 min Scan# 4108
Delta R.T. -0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

Tgt Ion:225 Resp: 54800
Ion Ratio Lower Upper
225 100
223 62.1 0.0 129.8
227 62.7 0.0 133.6

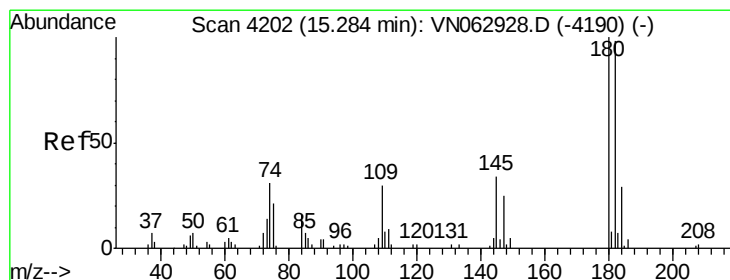
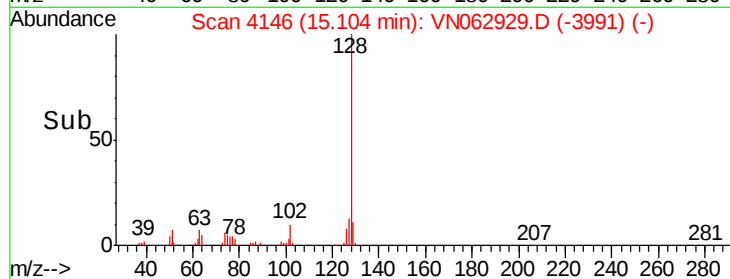
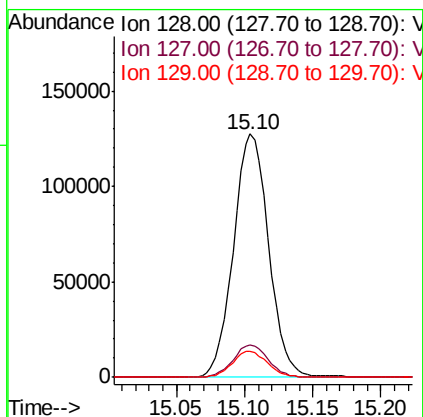
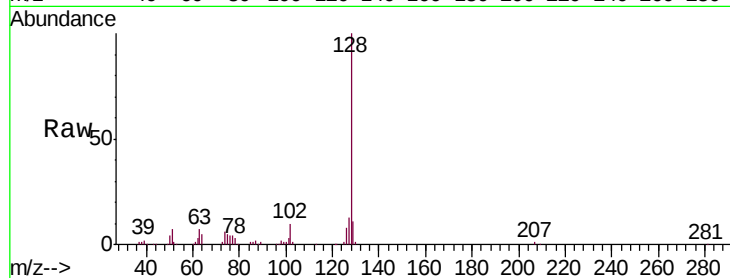




#91
Naphthalene
Concen: 57.061 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 228468
Ion Ratio Lower Upper
128 100
127 13.3 11.6 17.4
129 10.8 8.4 12.6



#92
1,2,3-Trichlorobenzene
Concen: 57.608 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062929.D
Acq: 13 Aug 2020 23:21

Tgt Ion:180 Resp: 86533
Ion Ratio Lower Upper
180 100
182 93.6 0.0 196.4
145 34.8 0.0 71.4

