

Data File : VN062930.D
Acq On : 13 Aug 2020 23:45
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC100

Quant Time: Aug 14 05:33:56 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	32549	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	174306	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	164558	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	84852	30.03	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.10%
60) 4-Bromofluorobenzene	12.38	95	86858	31.07	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.57%
63) Toluene-d8	10.06	98	230161	29.79	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.30%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	291711	136.394	ug/l	96
3) Chloromethane	2.03	50	295035	110.123	ug/l	97
4) Vinyl Chloride	2.16	62	372710	155.605	ug/l	99
5) Bromomethane	2.50	94	200836	141.441	ug/l	99
6) Chloroethane	2.65	64	212854	151.170	ug/l	98
7) Trichlorofluoromethane	2.97	101	442946	131.760	ug/l	98
8) Diethyl Ether	3.37	74	103853	79.694	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	146641	81.811	ug/l	97
10) 1,1-Dichloroethene	3.69	96	136132	75.928	ug/l	92
11) Methyl Iodide	3.91	142	206468	92.003	ug/l	95
12) Methyl Acetate	4.28	43	230324	93.564	ug/l	97
13) Acrolein	3.56	56	142350	407.119	ug/l	97
14) Acrylonitrile	4.93	53	539438	478.302	ug/l	96
15) Acetone	3.77	58	128020	390.023	ug/l	91
16) Carbon Disulfide	4.00	76	396839	69.672	ug/l	99
17) Allyl chloride	4.27	41	270720	74.445	ug/l	93
18) Methylene Chloride	4.50	84	185697	83.886	ug/l	94
19) trans-1,2-Dichloroethene	4.99	96	159819	80.674	ug/l	94
20) Diisopropyl ether	5.90	45	638176	82.460	ug/l	98
21) 1,1-Dichloroethane	5.80	63	344497	82.517	ug/l	98
22) cis-1,2-Dichloroethene	6.78	96	197397	87.213	ug/l #	90
23) tert-Butyl Alcohol	4.74	59	213443	539.884	ug/l #	100
24) Methyl tert-Butyl Ether	4.99	73	662086	97.318	ug/l	97
25) Chloroform	7.33	83	366995	93.198	ug/l	100
26) Cyclohexane	7.61	56	323801	89.217	ug/l #	94
29) 1,1-Dichloropropene	7.75	75	253158	87.909	ug/l	99
30) 2-Butanone	6.79	43	702339	471.264	ug/l	99
31) 2,2-Dichloropropane	6.77	77	237605	74.797	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	327275	101.017	ug/l	97
33) Carbon Tetrachloride	7.73	117	284132	100.486	ug/l	97
34) Benzene	8.00	78	751836	88.027	ug/l #	87
35) Methacrylonitrile	7.12	41	127436	98.506	ug/l	93
36) 1,2-Dichloroethane	8.09	62	306617	95.877	ug/l	100
37) Trichloroethene	8.80	130	183856	93.821	ug/l	98
38) Methylcyclohexane	9.05	83	322499	98.902	ug/l	99
39) 1,2-Dichloropropane	9.09	63	213570	88.433	ug/l	98
40) Dibromomethane	9.18	93	137191	95.416	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	306251	99.161	ug/l	98
42) Vinyl Acetate	5.84	43	2304369	382.372	ug/l	99
43) Ethyl Acetate	6.88	43	260318	86.278	ug/l #	86
44) Isopropyl Acetate	8.13	43	443043	87.984	ug/l	99
45) 1,4-Dioxane	9.17	88	85089	2313.405	ug/l	97
46) Methyl methacrylate	9.17	41	220230	91.468	ug/l	98
47) n-amyl Acetate	12.05	43	418998	97.341	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	331014	93.981	ug/l	96
49) cis-1,3-Dichloropropene	9.81	75	339201	90.743	ug/l	98
50) 1,1,2-Trichloroethane	10.54	97	202135	99.952	ug/l	99
51) Ethyl methacrylate	10.40	69	336290	101.415	ug/l	97
52) 1,3-Dichloropropane	10.68	76	348512	94.994	ug/l	98
53) Dibromochloromethane	10.87	129	238673	106.166	ug/l	99
54) 1,2-Dibromoethane	10.98	107	205897	99.420	ug/l	98
55) 2-Chloroethyl vinyl ether	9.66	63	434733	433.129	ug/l	99
56) Bromoform	12.10	173	175406	113.382	ug/l	99
58) 4-Methyl-2-Pentanone	9.95	43	1497300	484.473	ug/l	99
59) 2-Hexanone	10.72	43	1111876	491.464	ug/l	97
61) Tetrachloroethene	10.60	164	158384	94.870	ug/l	98
62) Toluene	10.12	91	841040	92.382	ug/l	99
64) Chlorobenzene	11.41	112	529026	97.186	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.48	131	213385	103.319	ug/l	99
66) Ethyl Benzene	11.48	91	980453	97.275	ug/l	99
67) m/p-Xylenes	11.60	106	727440	196.274	ug/l	100
68) o-Xylene	11.92	106	354697	100.523	ug/l	98
69) Styrene	11.94	104	632204	104.000	ug/l	99
70) Isopropylbenzene	12.22	105	976141	101.723	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	312288	100.260	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	420708	136.711	ug/l	77
73) Bromobenzene	12.50	156	232847	103.415	ug/l	98
74) n-propylbenzene	12.57	91	1158750	102.132	ug/l	99
75) 2-Chlorotoluene	12.65	91	707547	102.497	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	889010	107.667	ug/l	100
77) t-1,4-Dichloro-2-butene	12.27	75	105836	96.190	ug/l	94
78) 4-Chlorotoluene	12.75	91	733787	104.481	ug/l	99
79) tert-butylbenzene	12.97	119	736077	108.040	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	887686	109.858	ug/l	99
81) sec-Butylbenzene	13.15	105	980494	107.457	ug/l	98
82) p-Isopropyltoluene	13.26	119	897675	111.261	ug/l	98
83) 1,3-Dichlorobenzene	13.26	146	428945	109.513	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	452026	117.204	ug/l	96
85) n-Butylbenzene	13.59	91	985148	144.360	ug/l	96
86) Hexachloroethane	13.85	117	222606	140.711	ug/l	95
87) 1,2-Dichlorobenzene	13.63	146	531079	140.712	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.25	75	94493	159.738	ug/l	98
89) 1,2,4-Trichlorobenzene	14.88	180	278254	151.784	ug/l	99
90) Hexachlorobutadiene	14.98	225	154849	144.857	ug/l	97
91) Naphthalene	15.10	128	783975	159.767	ug/l	97
92) 1,2,3-Trichlorobenzene	15.28	180	268993	146.120	ug/l	97

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

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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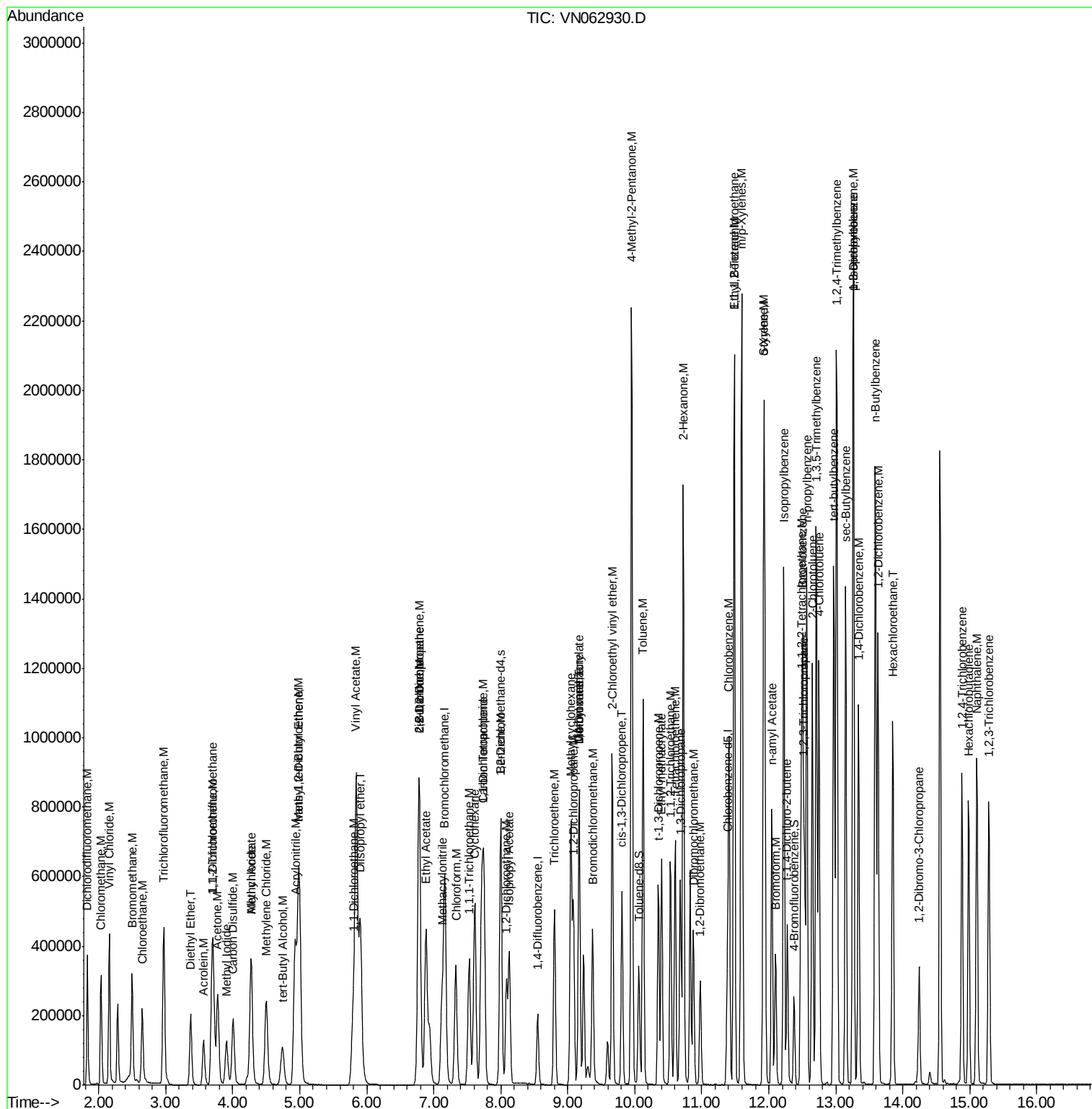
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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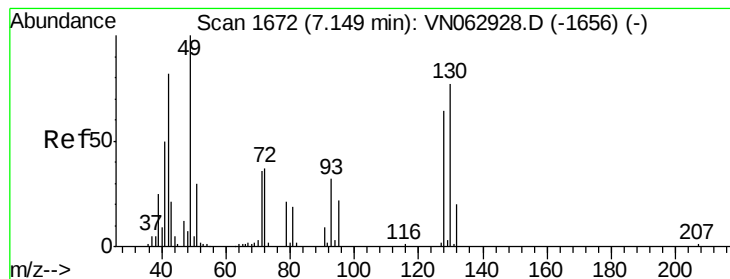
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_L
ClientSampleId :
VSTDIC100

Quant Time: Aug 14 05:33:56 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





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC100

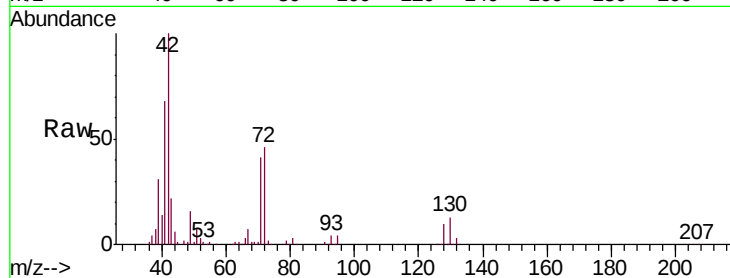
Tgt Ion:128 Resp: 32549

Ion Ratio Lower Upper

128 100

49 176.4 0.0 410.0

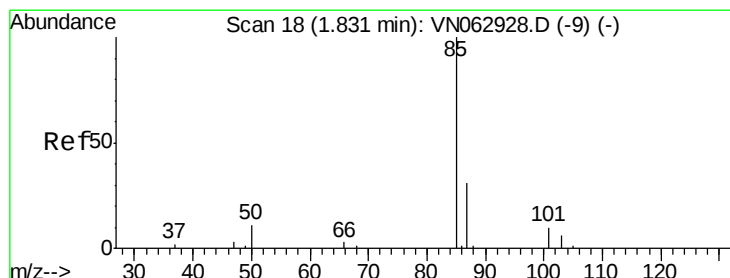
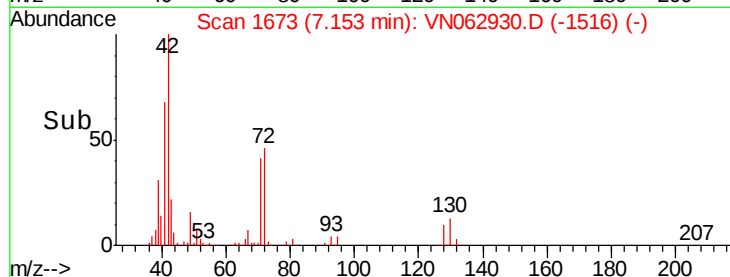
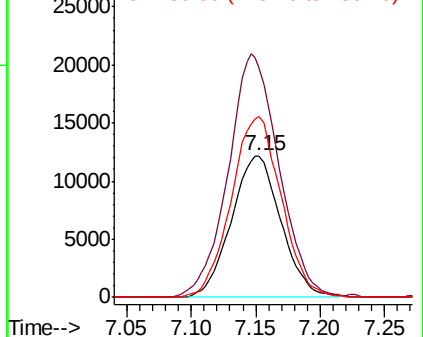
130 128.9 0.0 316.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 136.394 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062930.D

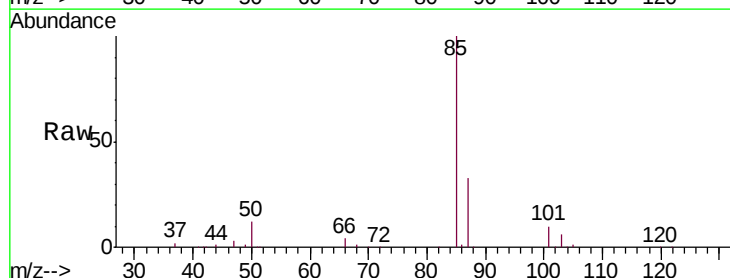
Acq: 13 Aug 2020 23:45

Tgt Ion: 85 Resp: 291711

Ion Ratio Lower Upper

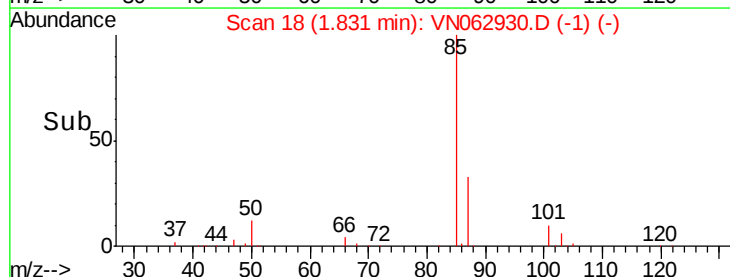
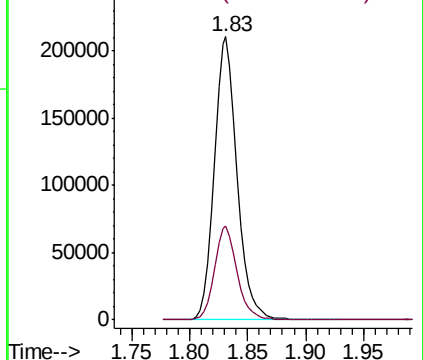
85 100

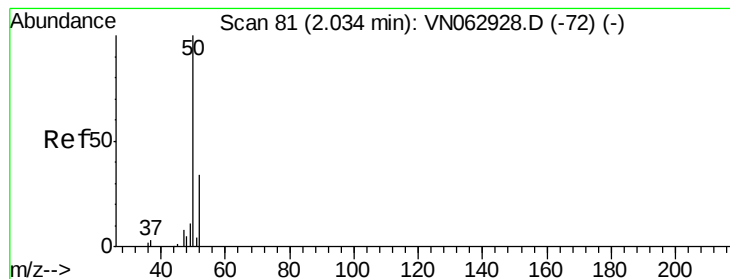
87 33.1 15.4 46.2



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 110.123 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

MSVOA_L

ClientSampleId :

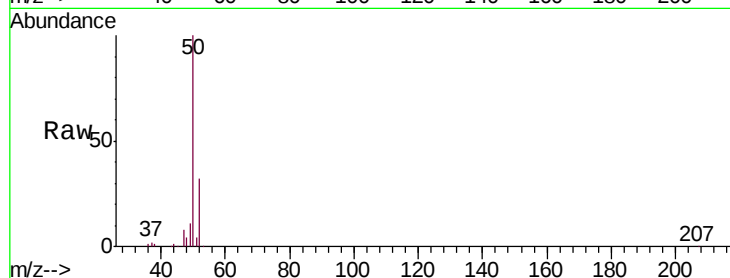
VSTDIC100

Tgt Ion: 50 Resp: 295035

Ion Ratio Lower Upper

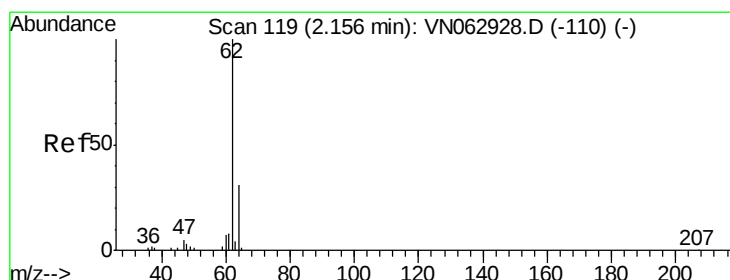
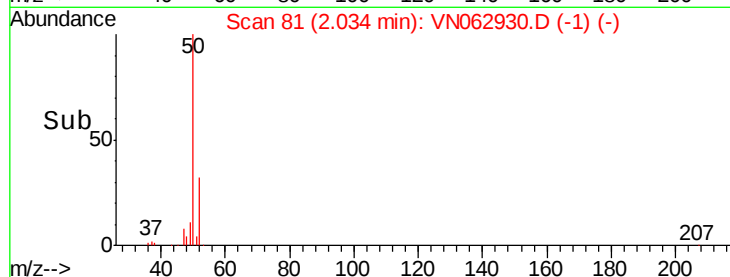
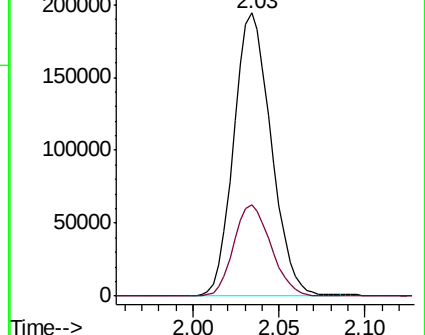
50 100

52 32.2 27.1 40.7



Abundance Ion 50.00 (49.70 to 50.70): VN062928.D (-72) (-)

Ion 52.00 (51.70 to 52.70): VN062928.D (-72) (-)



#4

Vinyl Chloride

Concen: 155.605 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062930.D

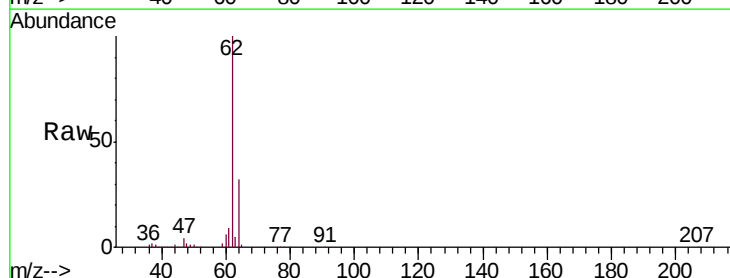
Acq: 13 Aug 2020 23:45

Tgt Ion: 62 Resp: 372710

Ion Ratio Lower Upper

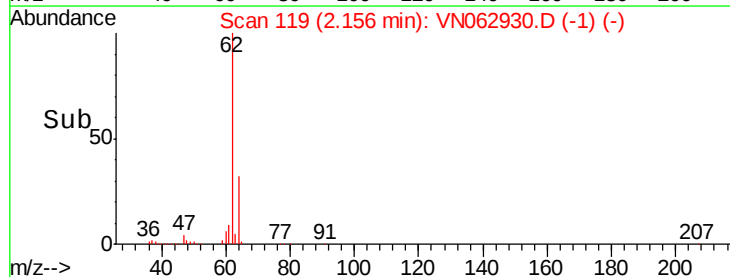
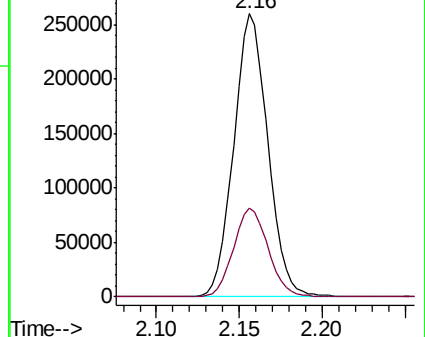
62 100

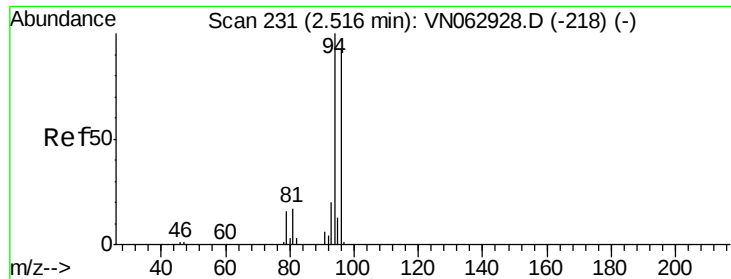
64 31.6 24.6 37.0



Abundance Ion 62.00 (61.70 to 62.70): VN062928.D (-110) (-)

Ion 64.00 (63.70 to 64.70): VN062928.D (-110) (-)





#5

Bromomethane

Concen: 141.441 ug/l

RT: 2.50 min Scan# 225

Delta R.T. -0.02 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

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ClientSampleId :

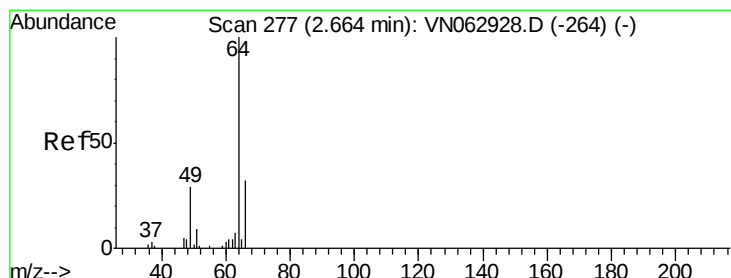
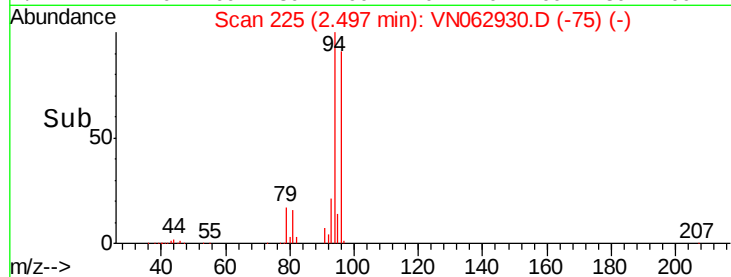
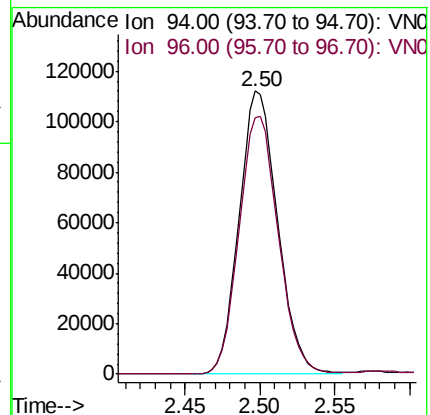
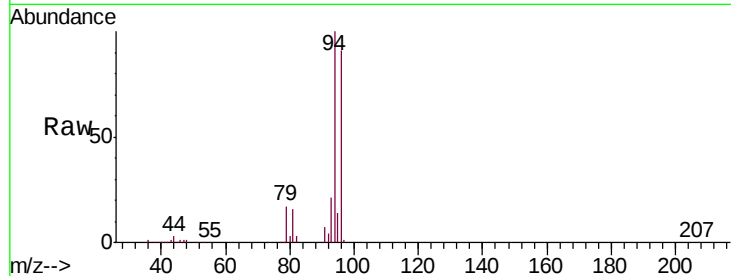
VSTDIC100

Tgt Ion: 94 Resp: 200836

Ion Ratio Lower Upper

94 100

96 90.8 73.7 110.5



#6

Chloroethane

Concen: 151.170 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.01 min

Lab File: VN062930.D

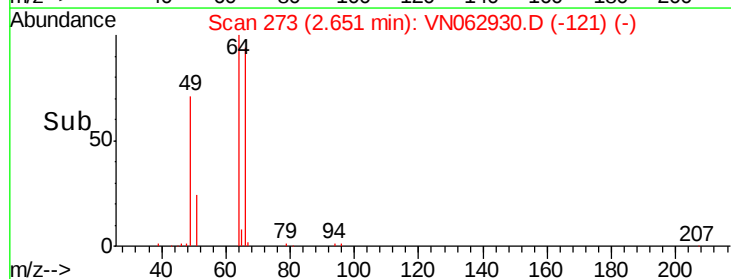
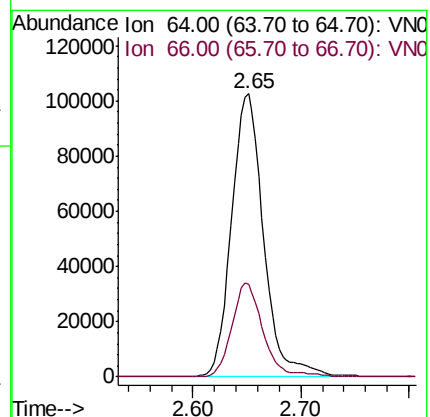
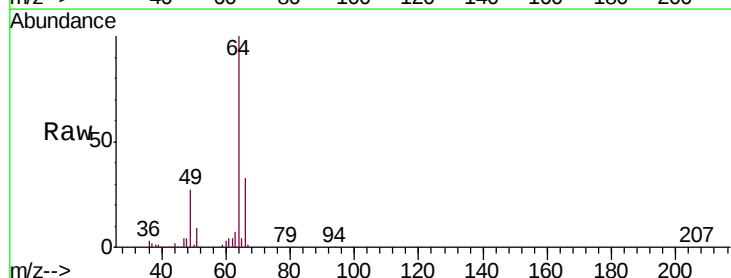
Acq: 13 Aug 2020 23:45

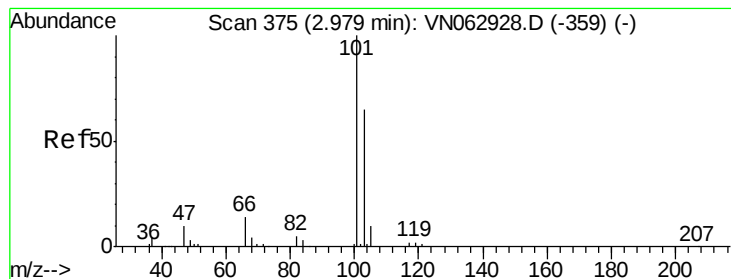
Tgt Ion: 64 Resp: 212854

Ion Ratio Lower Upper

64 100

66 32.6 25.3 37.9



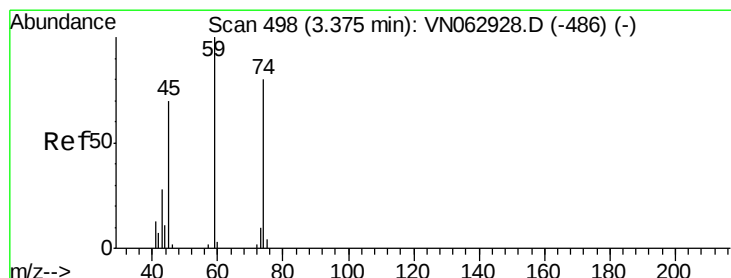
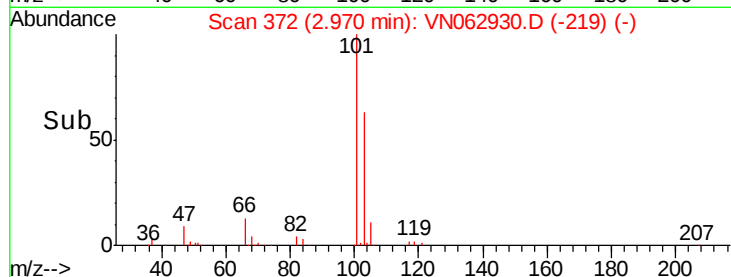
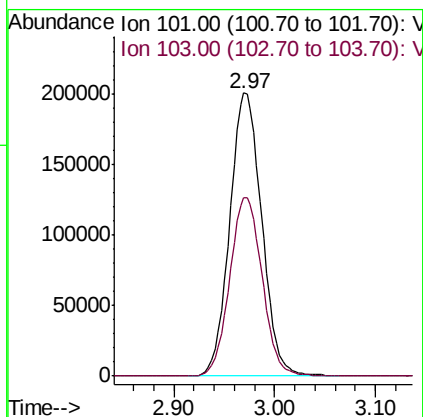
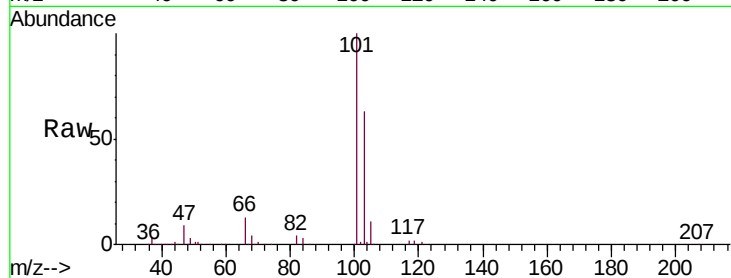


#7

Trichlorofluoromethane
Concen: 131.760 ug/l
RT: 2.97 min Scan# 372
Delta R.T. -0.01 min
Lab File: VN062930.D
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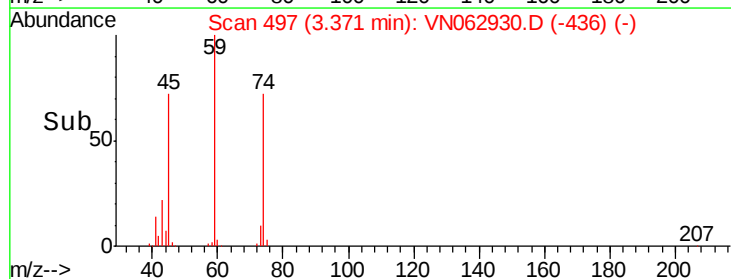
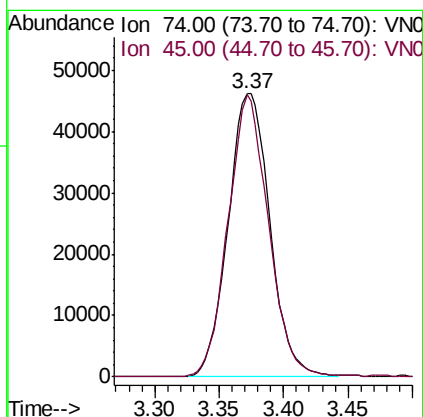
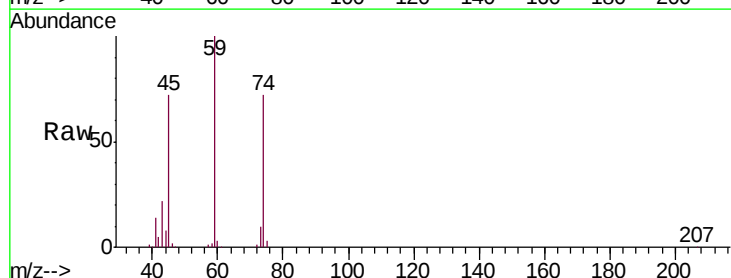
Tgt Ion: 101 Resp: 442946
Ion Ratio Lower Upper
101 100
103 63.1 51.8 77.6

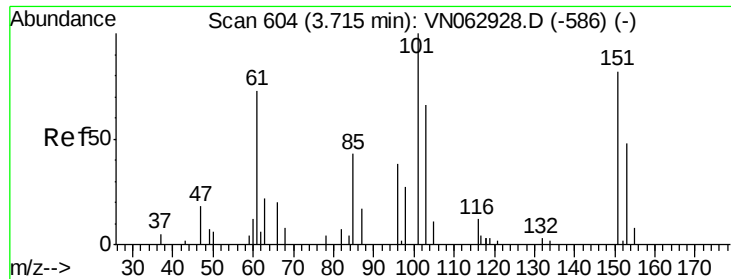


#8

Diethyl Ether
Concen: 79.694 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

Tgt Ion: 74 Resp: 103853
Ion Ratio Lower Upper
74 100
45 96.5 18.7 167.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 81.811 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062930.D

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Instrument :

MSVOA_L

ClientSampleId :

VSTDIC100

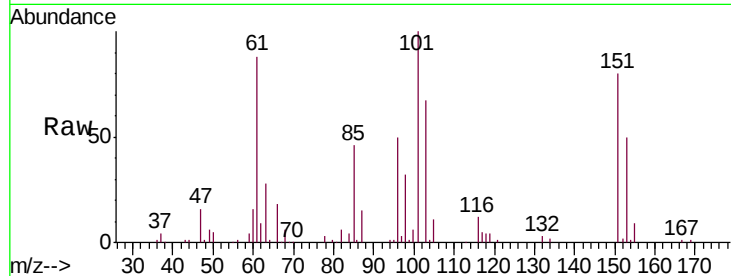
Tgt Ion:101 Resp: 146641

Ion Ratio Lower Upper

101 100

85 46.4 0.0 92.4

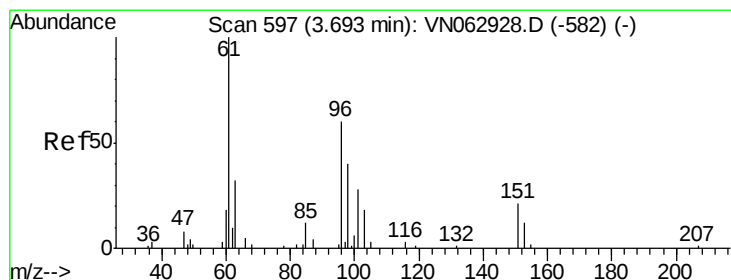
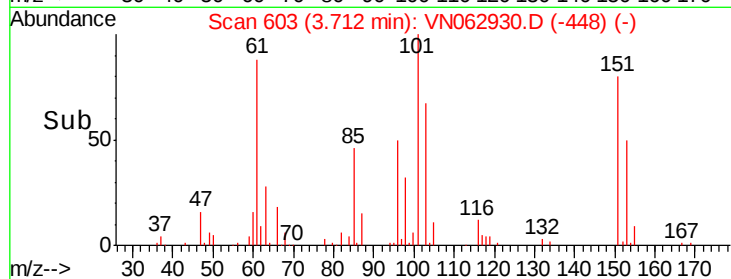
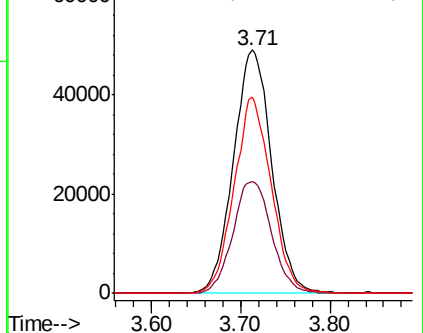
151 77.9 0.0 162.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 75.928 ug/l

RT: 3.69 min Scan# 597

Delta R.T. 0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

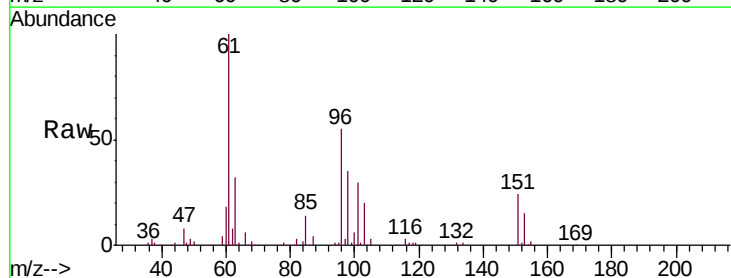
Tgt Ion: 96 Resp: 136132

Ion Ratio Lower Upper

96 100

61 182.3 134.5 201.7

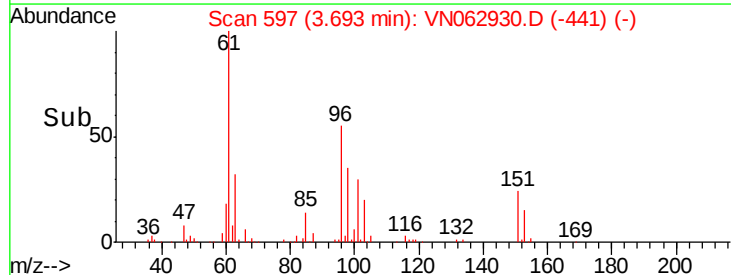
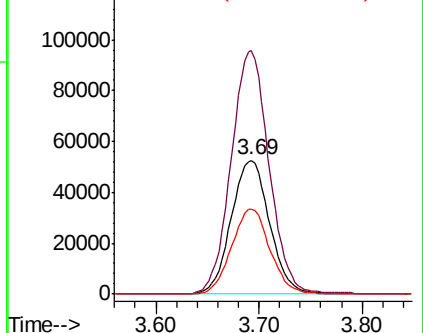
98 63.9 53.3 79.9

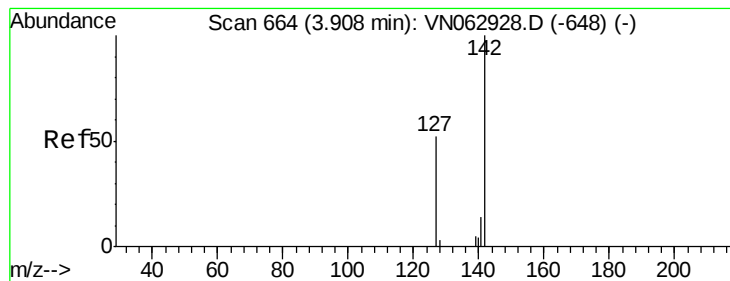


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN





#11

Methyl Iodide

Concen: 92.003 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC100

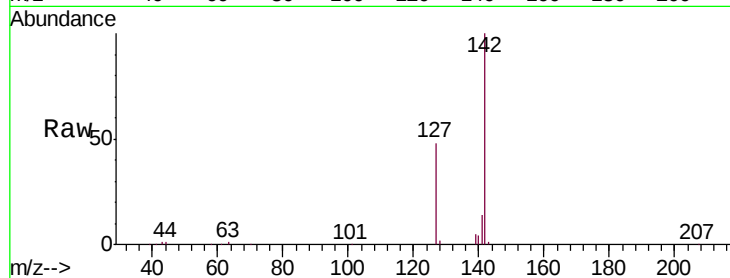
Tgt Ion:142 Resp: 206468

Ion Ratio Lower Upper

142 100

127 48.0 26.1 78.3

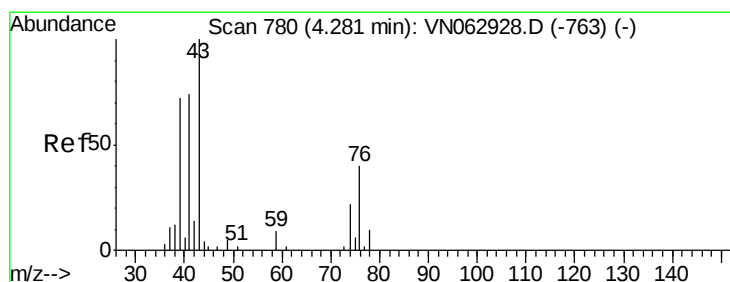
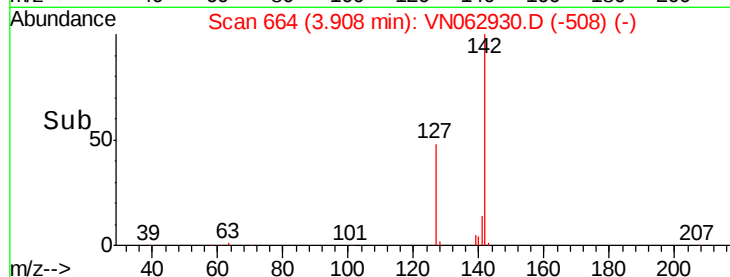
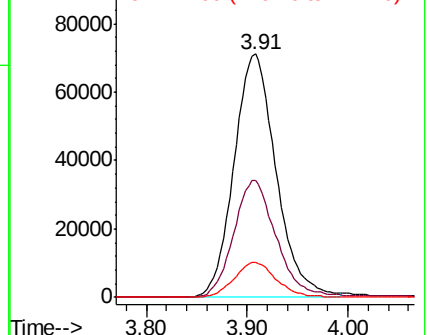
141 14.3 7.2 21.7



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 93.564 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062930.D

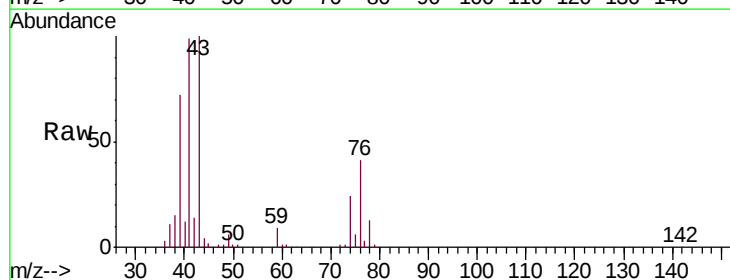
Acq: 13 Aug 2020 23:45

Tgt Ion: 43 Resp: 230324

Ion Ratio Lower Upper

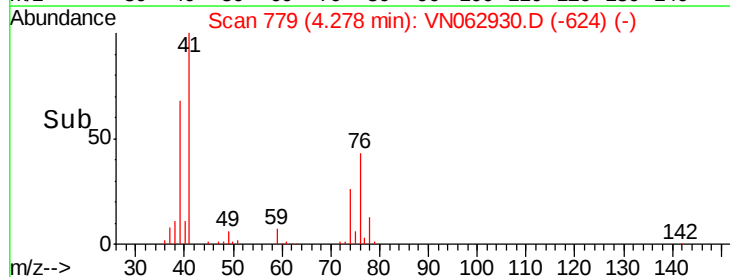
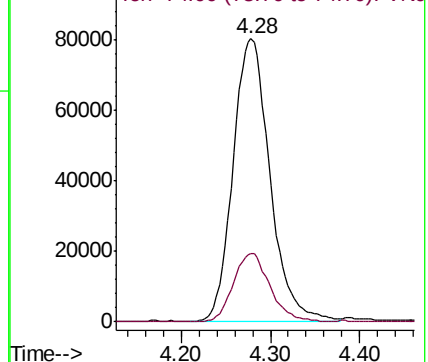
43 100

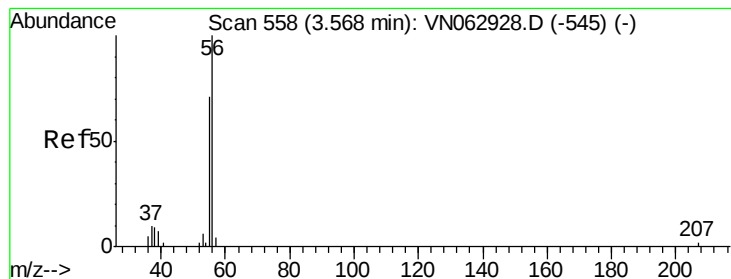
74 24.2 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 407.119 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

MSVOA_L

ClientSampleId :

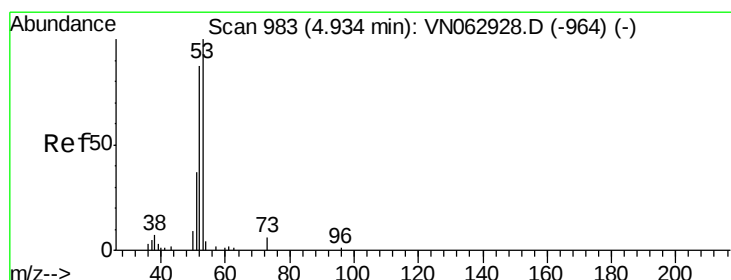
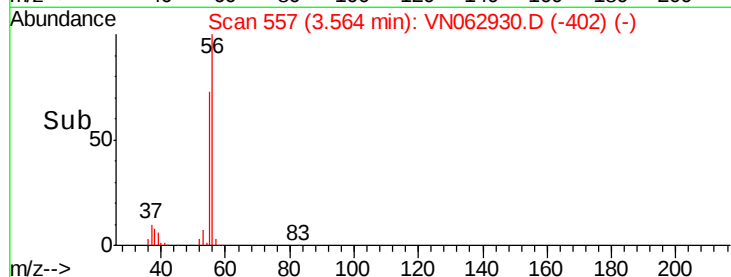
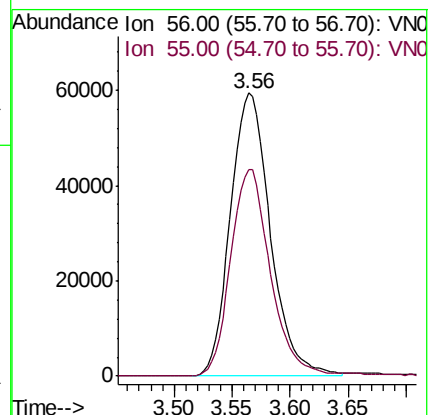
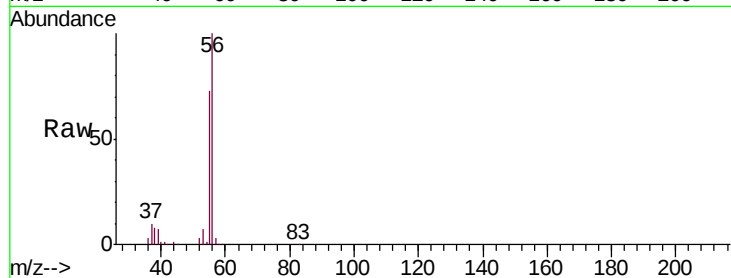
VSTDIC100

Tgt Ion: 56 Resp: 142350

Ion Ratio Lower Upper

56 100

55 72.5 60.2 90.4



#14

Acrylonitrile

Concen: 478.302 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.01 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

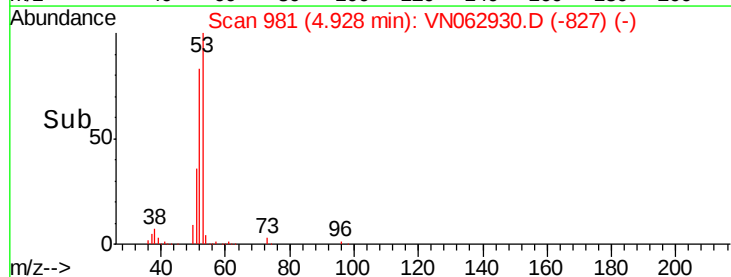
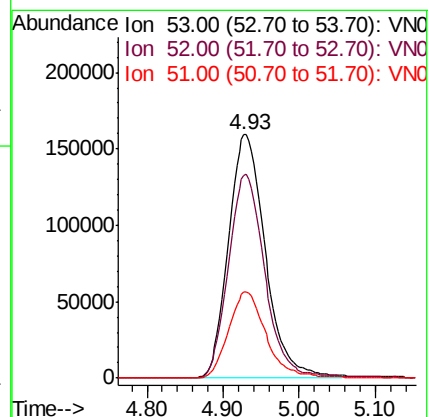
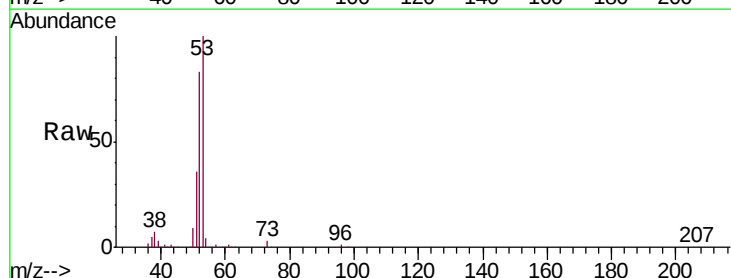
Tgt Ion: 53 Resp: 539438

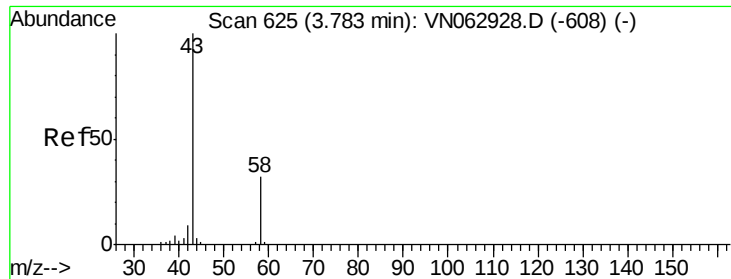
Ion Ratio Lower Upper

53 100

52 81.8 43.1 129.4

51 36.1 19.1 57.1





#15

Acetone

Concen: 390.023 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.01 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

MSVOA_L

ClientSampleId :

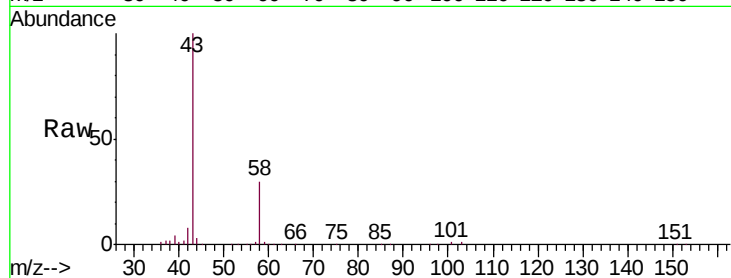
VSTDIC100

Tgt Ion: 58 Resp: 128020

Ion Ratio Lower Upper

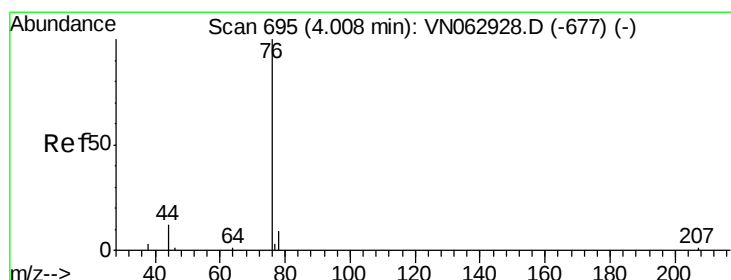
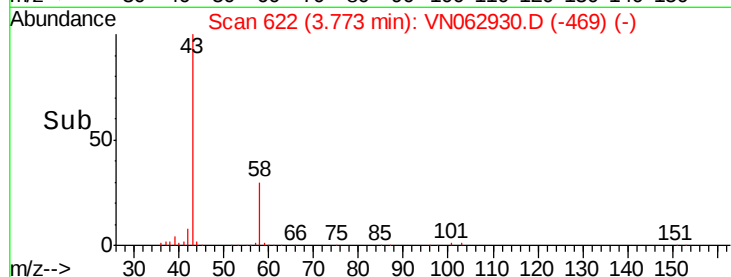
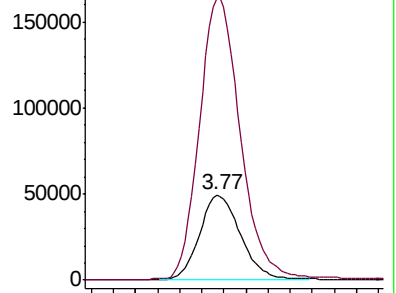
58 100

43 329.7 250.0 375.0



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: 69.672 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062930.D

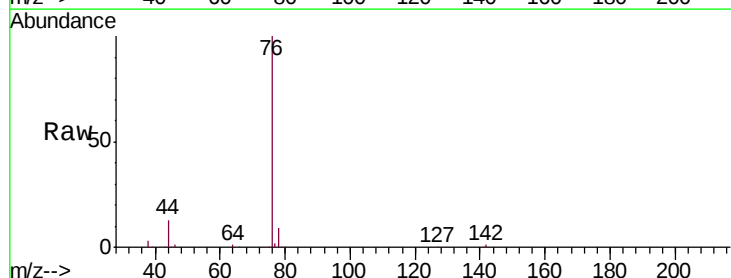
Acq: 13 Aug 2020 23:45

Tgt Ion: 76 Resp: 396839

Ion Ratio Lower Upper

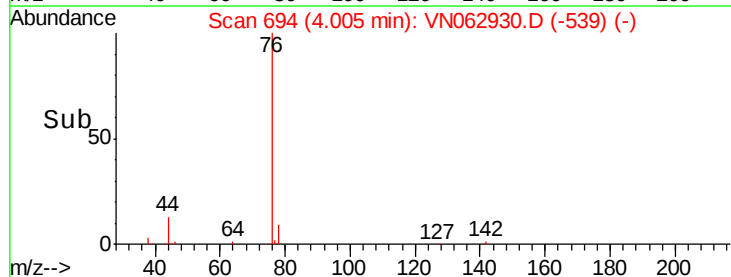
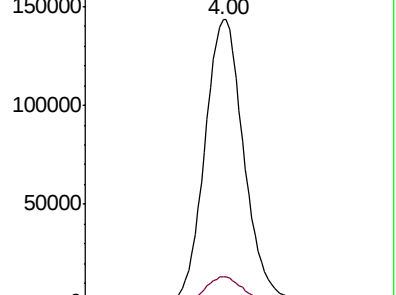
76 100

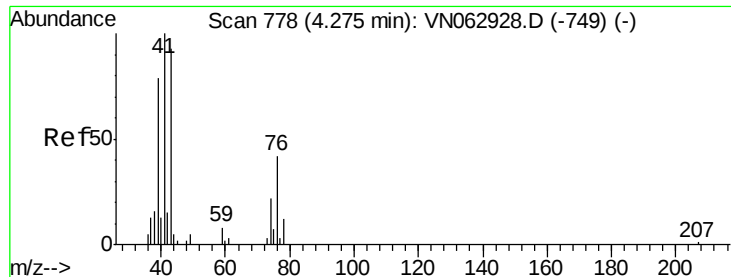
78 9.3 7.0 10.6



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

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

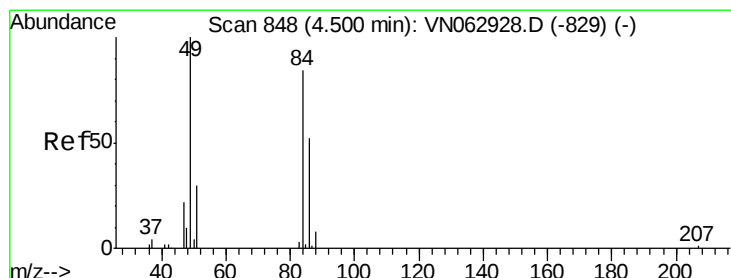
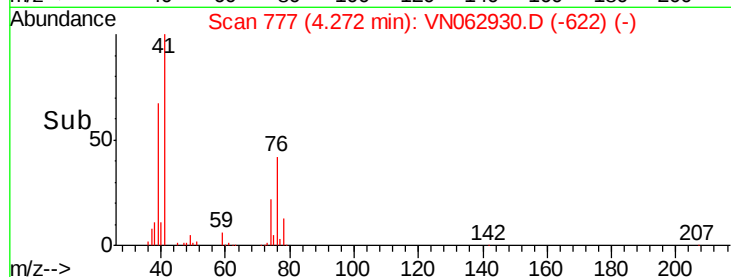
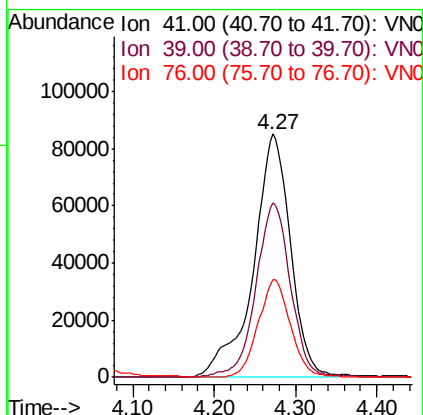
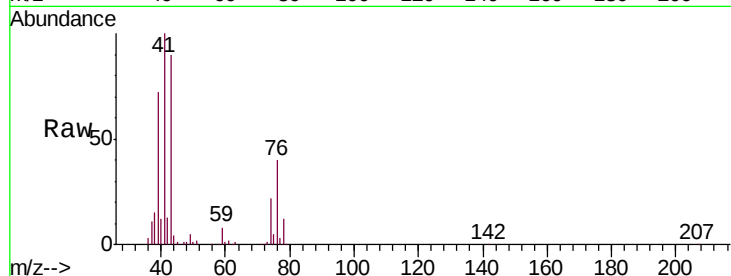




#17
 Allyl chloride
 Concen: 74.445 ug/l
 RT: 4.27 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

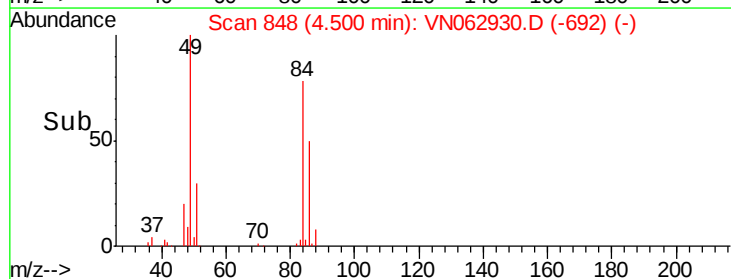
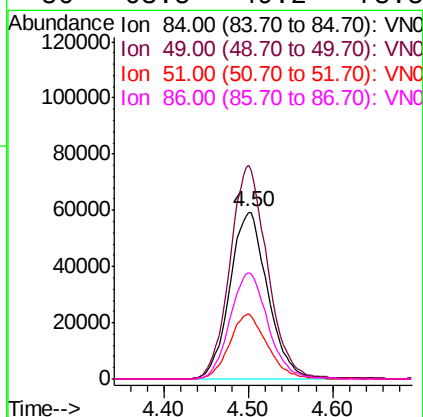
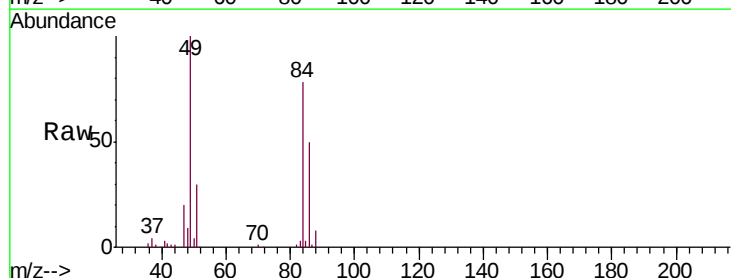
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC100

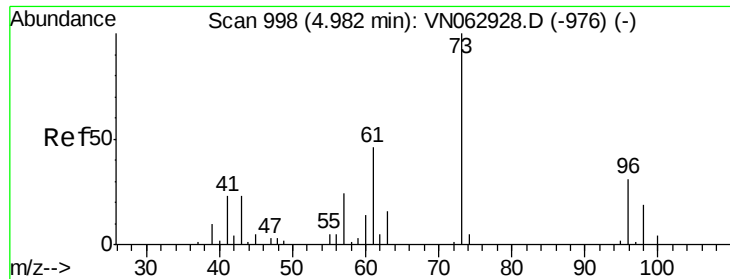
Tgt Ion: 41 Resp: 270720
 Ion Ratio Lower Upper
 41 100
 39 71.8 39.6 118.7
 76 39.6 21.3 63.7



#18
 Methylene Chloride
 Concen: 83.886 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

Tgt Ion: 84 Resp: 185697
 Ion Ratio Lower Upper
 84 100
 49 127.9 95.0 142.6
 51 38.9 28.2 42.4
 86 63.5 49.2 73.8

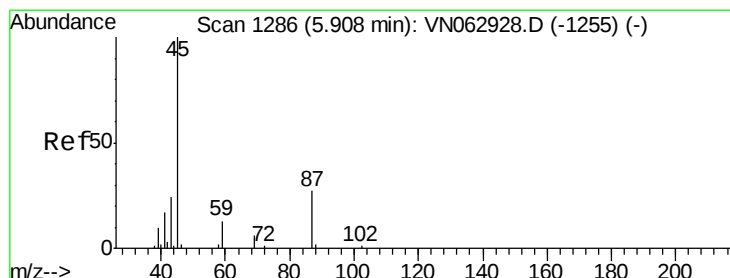
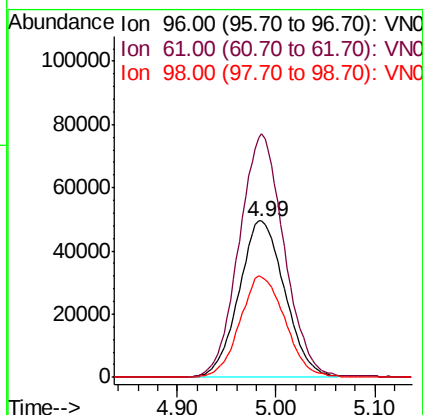
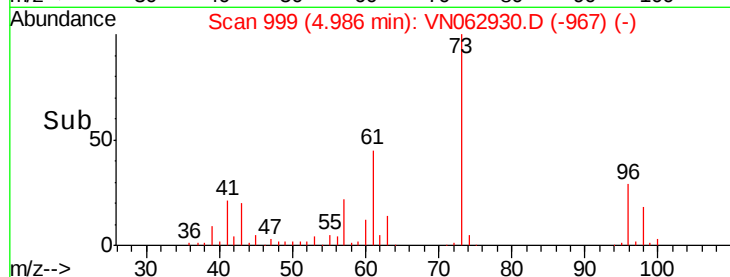
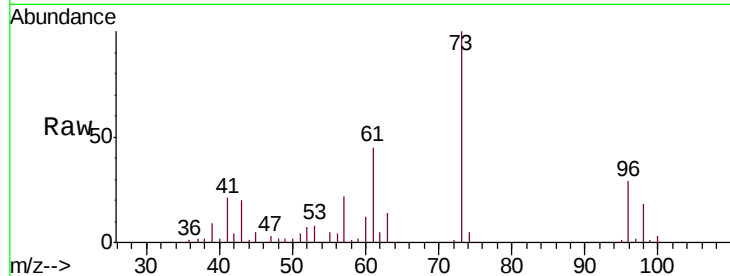




#19
trans-1,2-Dichloroethene
Concen: 80.674 ug/l
RT: 4.99 min Scan# 999
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

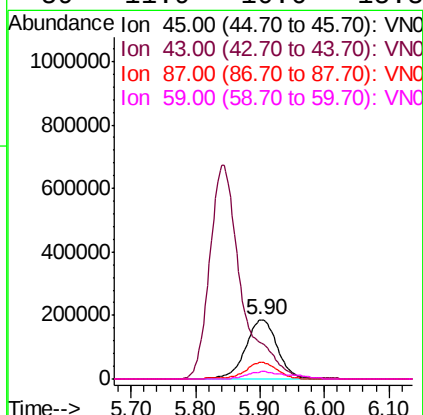
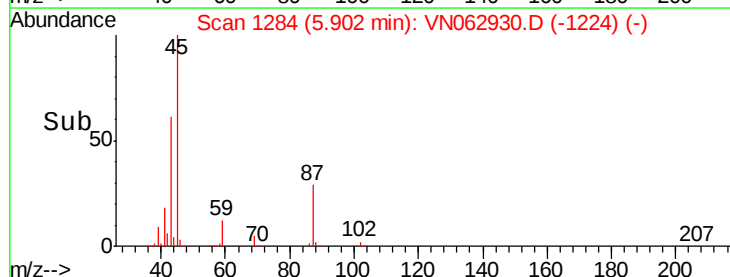
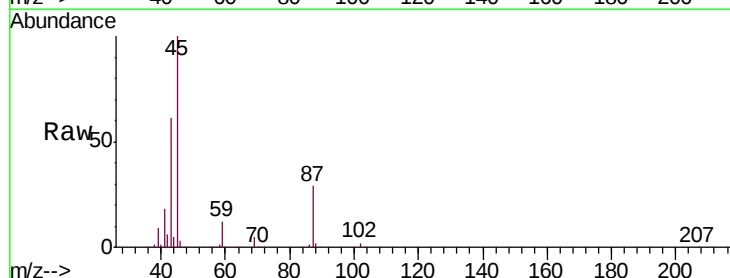
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC100

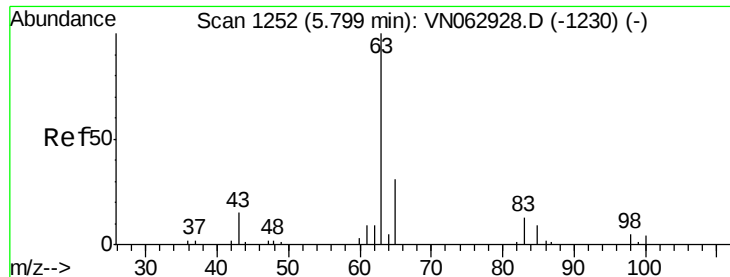
Tgt Ion: 96 Resp: 159819
Ion Ratio Lower Upper
96 100
61 155.6 118.0 177.0
98 64.2 48.7 73.1



#20
Diisopropyl ether
Concen: 82.460 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.01 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

Tgt Ion: 45 Resp: 638176
Ion Ratio Lower Upper
45 100
43 59.5 48.6 72.8
87 28.5 22.6 34.0
59 11.9 10.6 15.8

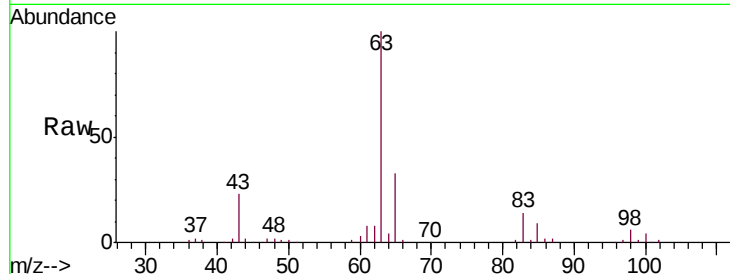




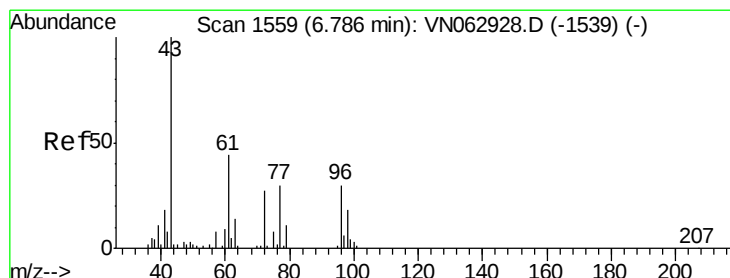
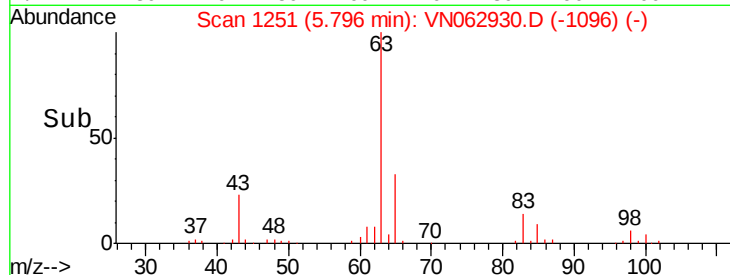
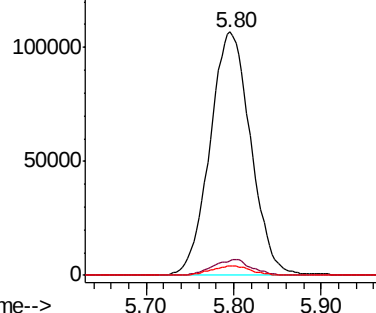
#21
 1,1-Dichloroethane
 Concen: 82.517 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.0	2.6	7.8
100	3.8	2.1	6.5

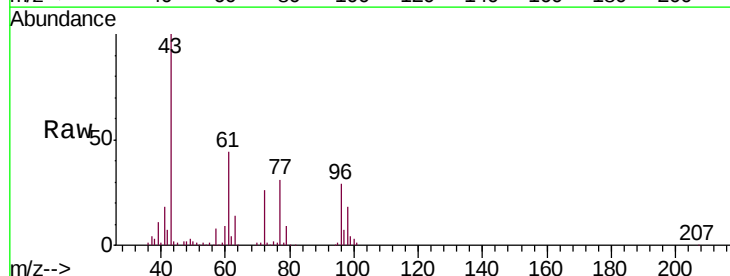


Abundance Ion 63.00 (62.70 to 63.70): VN062928.D (-1230) (-)
 Ion 98.00 (97.70 to 98.70): VN062928.D (-1230) (-)
 Ion 100.00 (99.70 to 100.70): VN062928.D (-1230) (-)

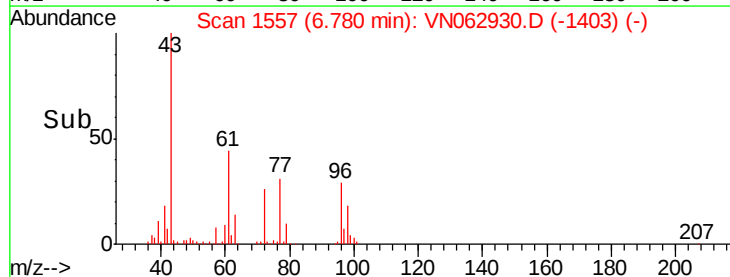
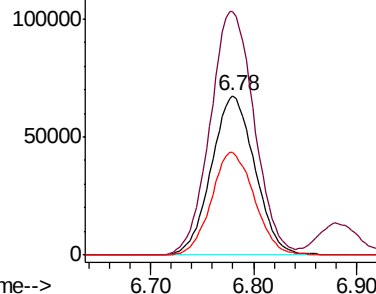


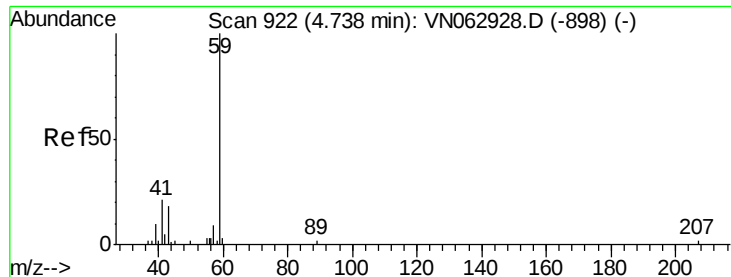
#22
 cis-1,2-Dichloroethene
 Concen: 87.213 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.4	124.9	187.3
98	63.8	27.8	41.6



Abundance Ion 96.00 (95.70 to 96.70): VN062928.D (-1539) (-)
 Ion 61.00 (60.70 to 61.70): VN062928.D (-1539) (-)
 Ion 98.00 (97.70 to 98.70): VN062928.D (-1539) (-)



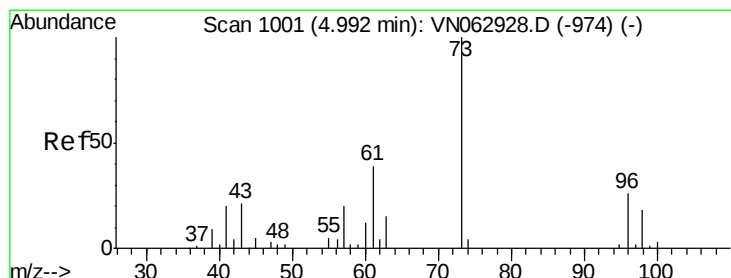
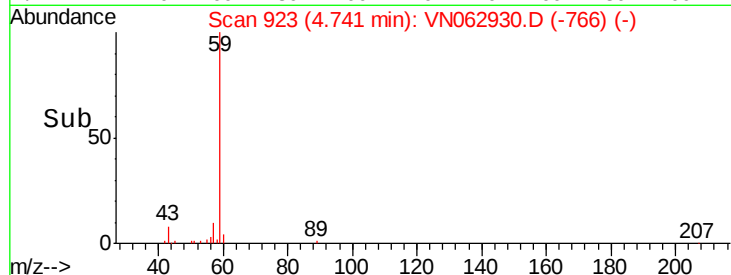
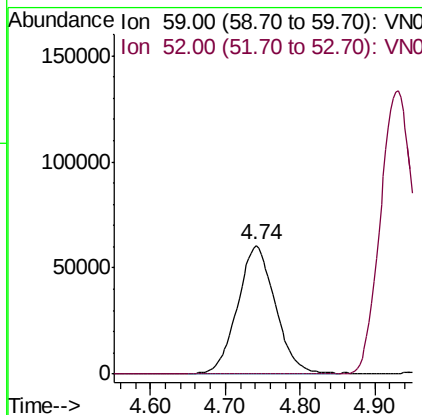
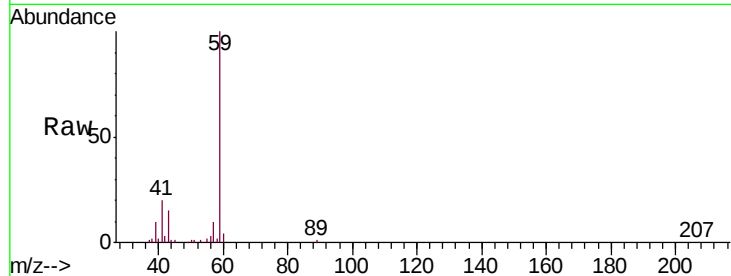


#23

tert-Butyl Alcohol
Concen: 539.884 ug/l
RT: 4.74 min Scan# 923
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC100

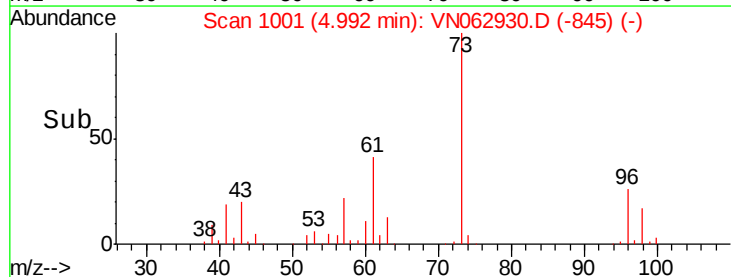
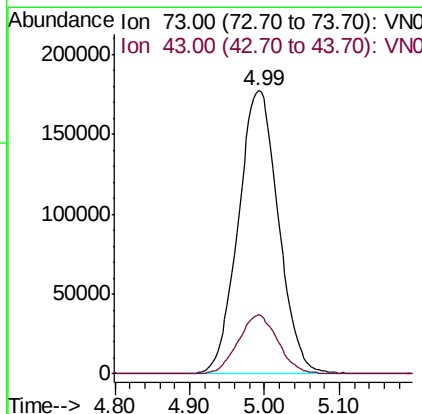
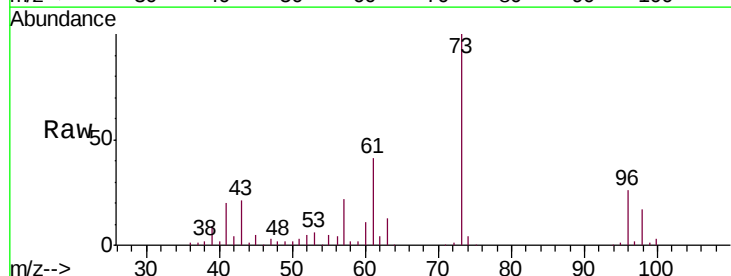
Tgt Ion: 59 Resp: 213443
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#

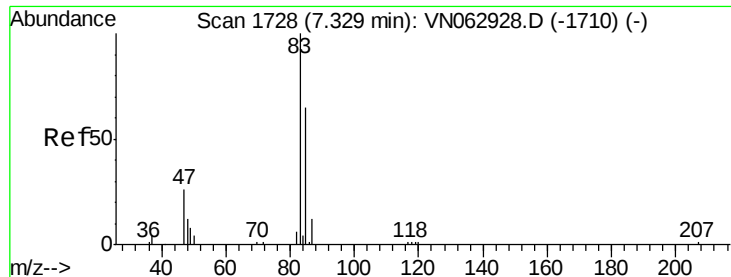


#24

Methyl tert-Butyl Ether
Concen: 97.318 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

Tgt Ion: 73 Resp: 662086
Ion Ratio Lower Upper
73 100
43 20.4 17.3 25.9





#25

Chloroform

Concen: 93.198 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. 0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

MSVOA_L

ClientSampleId :

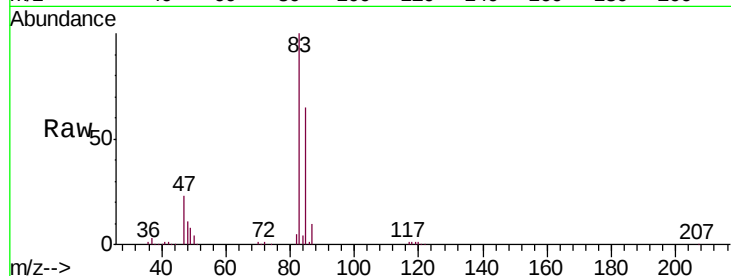
VSTDIC100

Tgt Ion: 83 Resp: 366995

Ion Ratio Lower Upper

83 100

85 65.3 52.3 78.5



Abundance Ion 83.00 (82.70 to 83.70): VN062928.D (-1710) (-)

Ion 85.00 (84.70 to 85.70): VN062928.D (-1710) (-)

7.33

150000

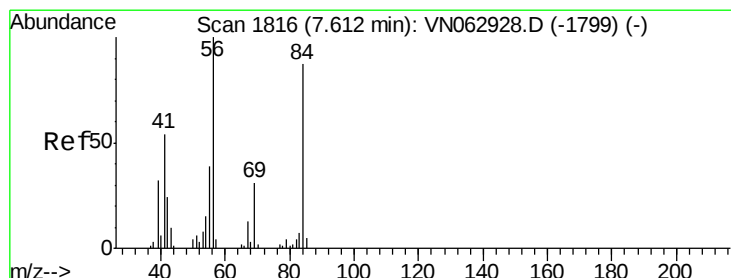
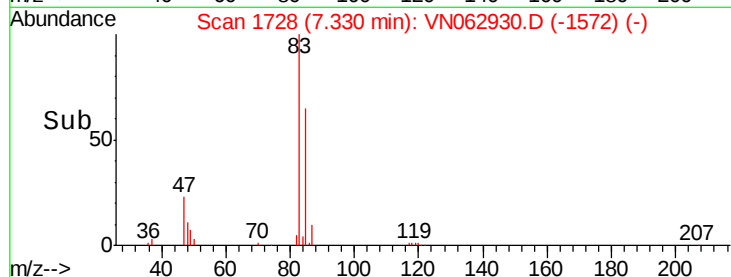
100000

50000

0

7.20 7.30 7.40

Time-->



#26

Cyclohexane

Concen: 89.217 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

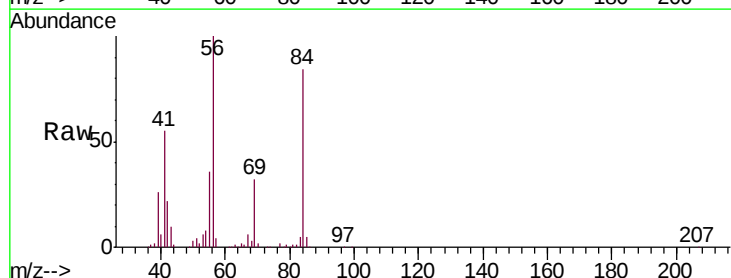
Tgt Ion: 56 Resp: 323801

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 84.4 71.9 107.9



Abundance Ion 56.00 (55.70 to 56.70): VN062928.D (-1799) (-)

Ion 89.00 (88.70 to 89.70): VN062928.D (-1799) (-)

Ion 84.00 (83.70 to 84.70): VN062928.D (-1799) (-)

200000

150000

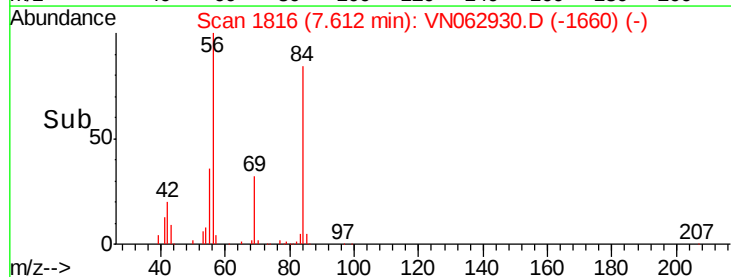
100000

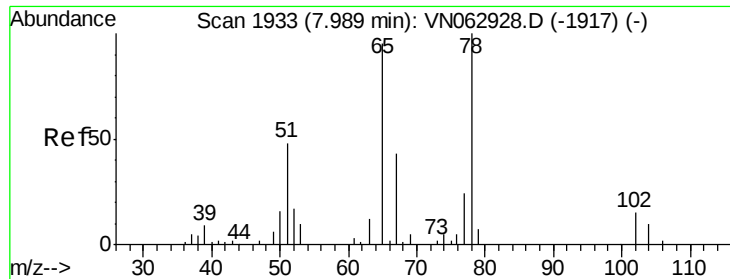
50000

0

7.50 7.55 7.60 7.65 7.70

Time-->





#27

1,2-Dichloroethane-d4

Concen: 30.033 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

MSVOA_L

ClientSampleId :

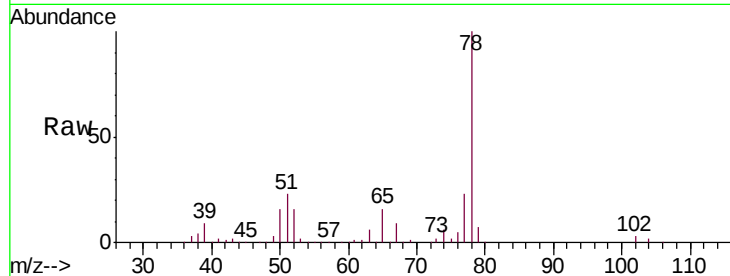
VSTDIC100

Tgt Ion: 65 Resp: 84852

Ion Ratio Lower Upper

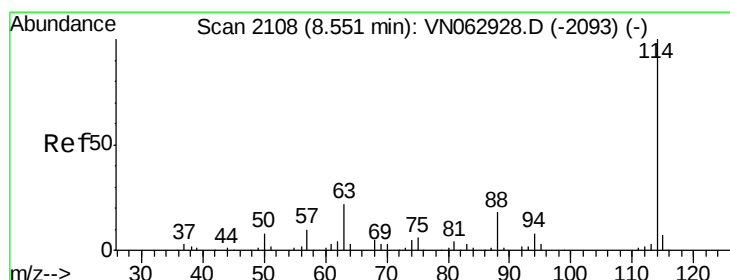
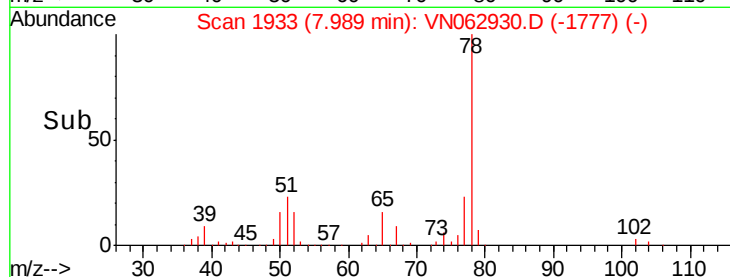
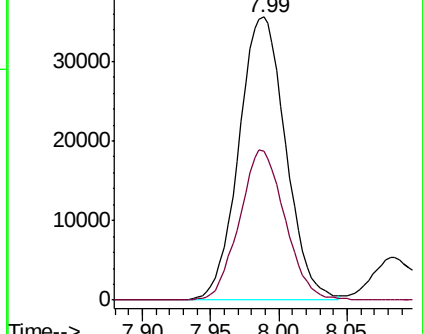
65 100

67 51.5 39.5 59.3



Abundance Ion 65.00 (64.70 to 65.70): VN062928.D (-1917) (-)

Ion 67.00 (66.70 to 67.70): VN062928.D (-1917) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

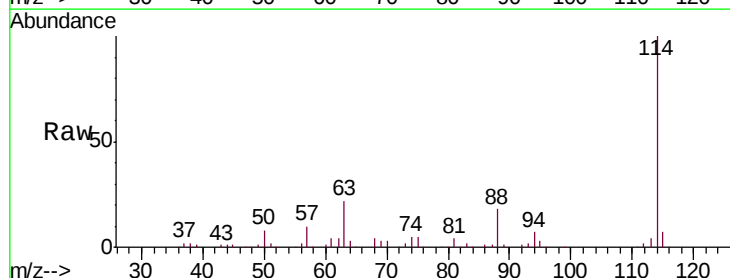
Tgt Ion: 114 Resp: 174306

Ion Ratio Lower Upper

114 100

63 22.2 17.7 26.5

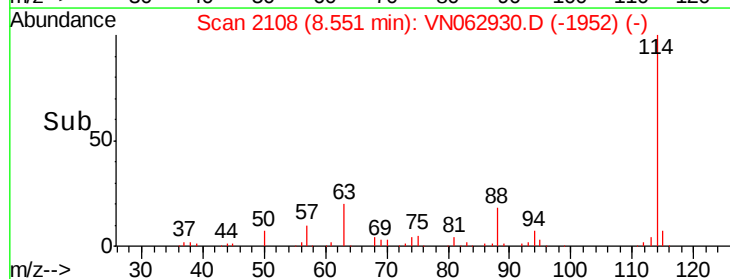
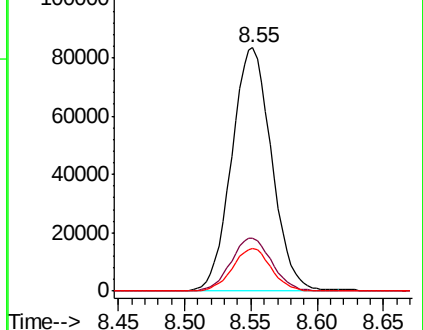
88 17.0 13.9 20.9

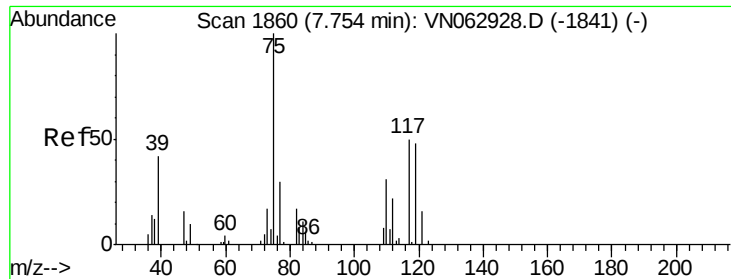


Abundance Ion 114.00 (113.70 to 114.70): VN062928.D (-2093) (-)

Ion 63.00 (62.70 to 63.70): VN062928.D (-2093) (-)

Ion 88.00 (87.70 to 88.70): VN062928.D (-2093) (-)

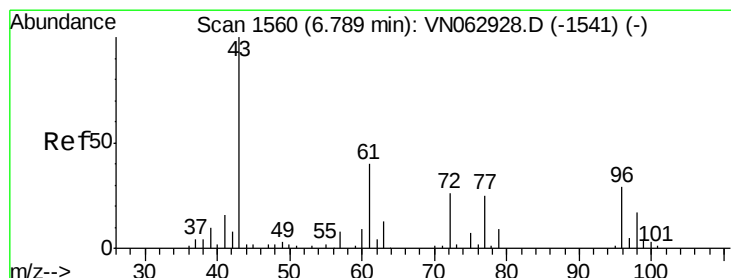
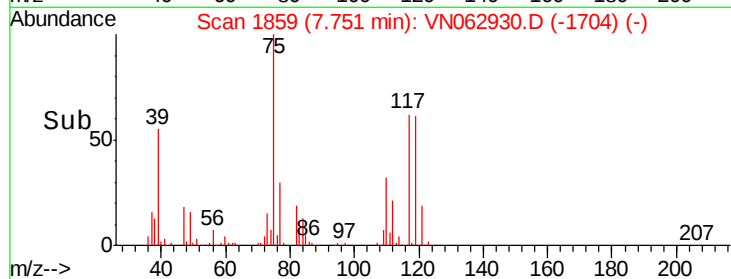
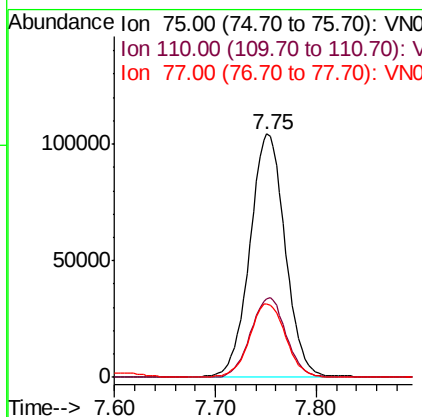
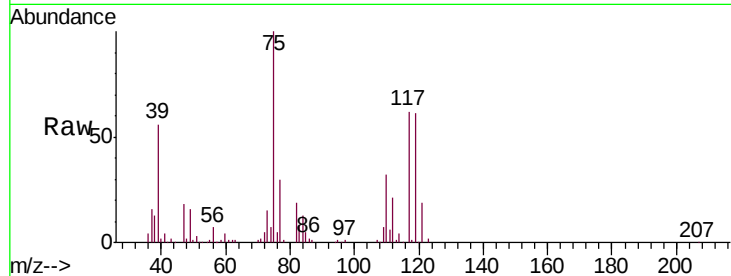




#29
 1,1-Dichloropropene
 Concen: 87.909 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

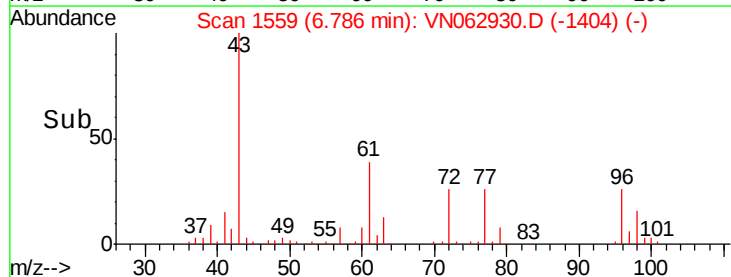
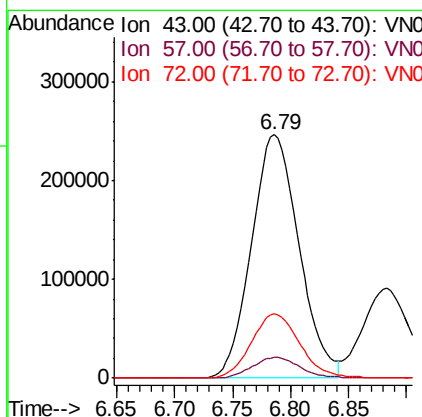
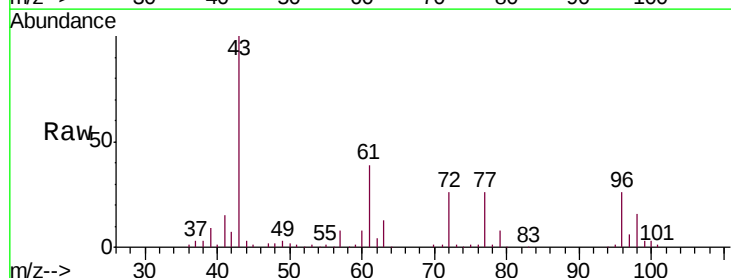
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC100

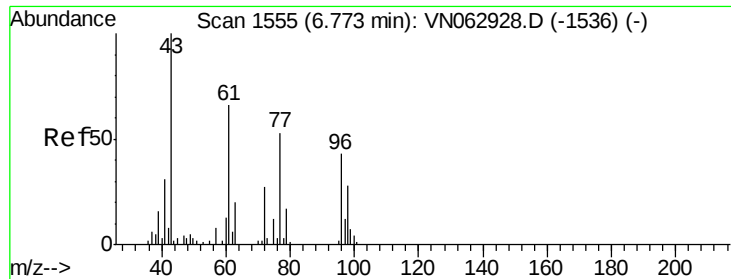
Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.8	0.0	65.8
77	31.1	0.0	59.8



#30
 2-Butanone
 Concen: 471.264 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.5	7.0	10.6
72	26.8	22.0	33.0

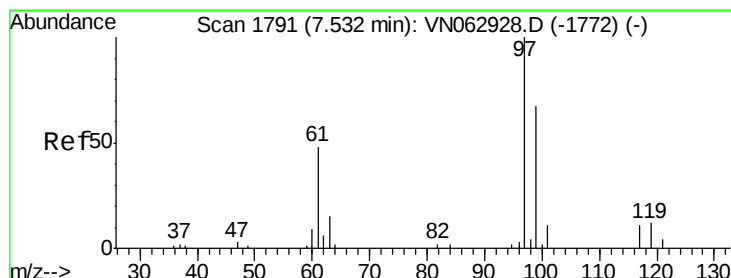
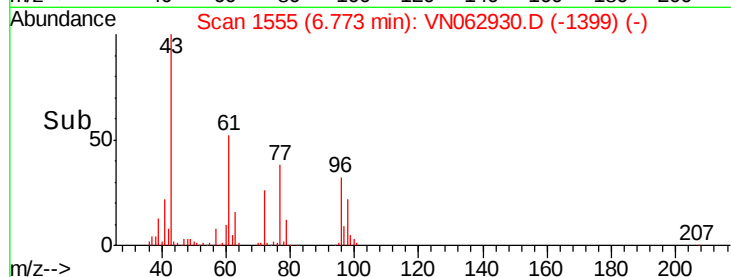
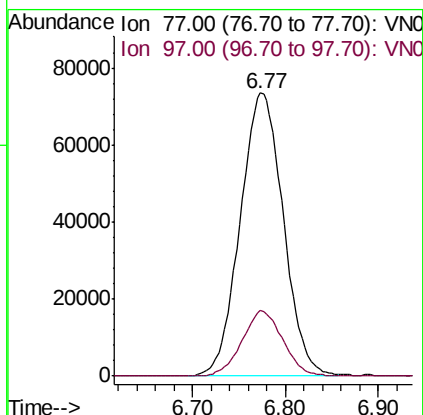
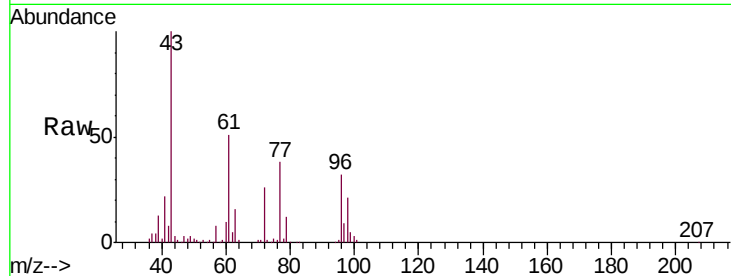




#31
 2,2-Dichloropropane
 Concen: 74.797 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. 0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

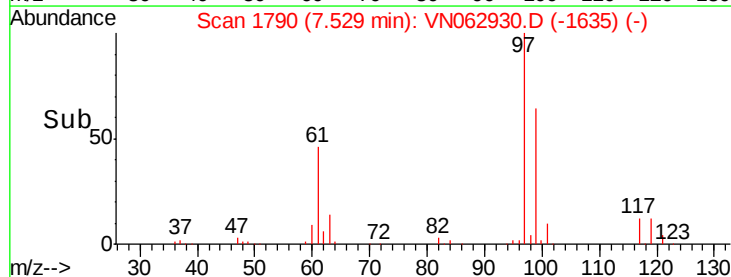
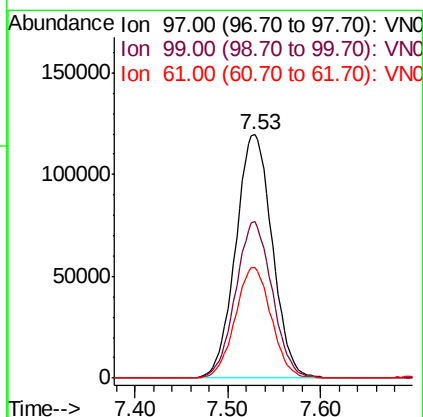
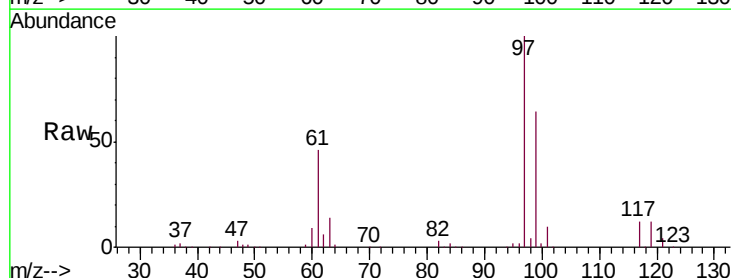
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC100

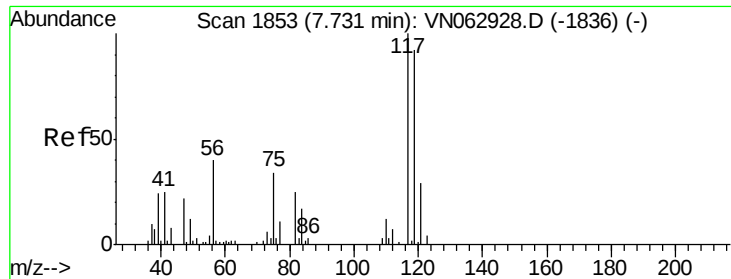
Tgt Ion: 77 Resp: 237605
 Ion Ratio Lower Upper
 77 100
 97 21.8 16.1 24.1



#32
 1,1,1-Trichloroethane
 Concen: 101.017 ug/l
 RT: 7.53 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

Tgt Ion: 97 Resp: 327275
 Ion Ratio Lower Upper
 97 100
 99 64.2 53.8 80.8
 61 44.7 36.3 54.5

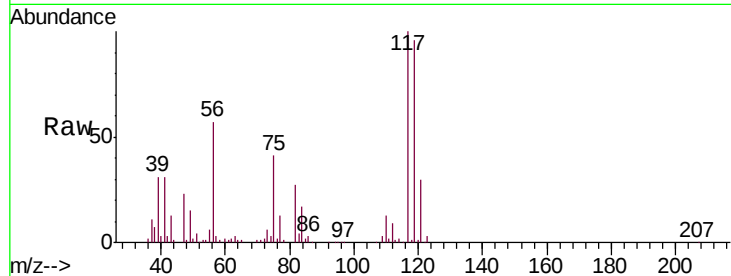




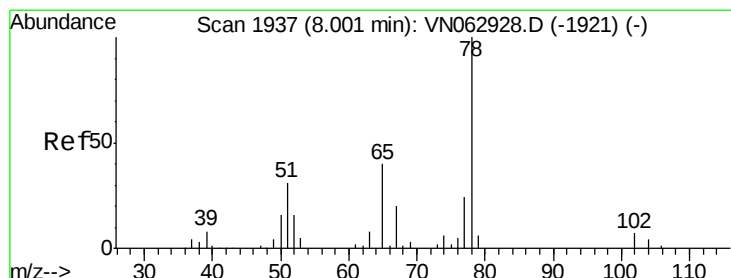
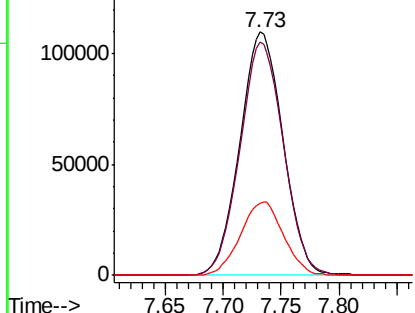
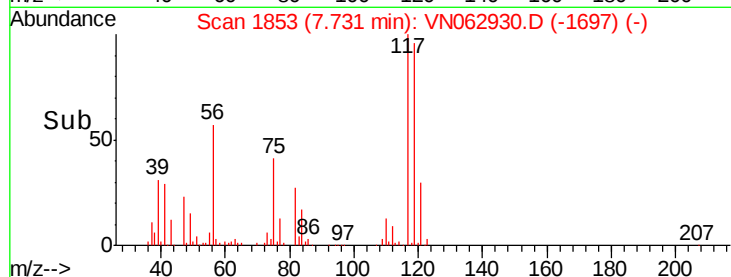
#33
Carbon Tetrachloride
Concen: 100.486 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC100

Tgt Ion: 117 Resp: 284132
Ion Ratio Lower Upper
117 100
119 96.0 73.9 110.9
121 29.6 23.2 34.8

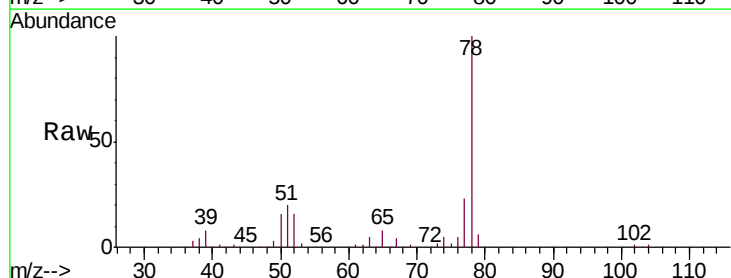


Abundance Ion 117.00 (116.70 to 117.70): V
150000
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

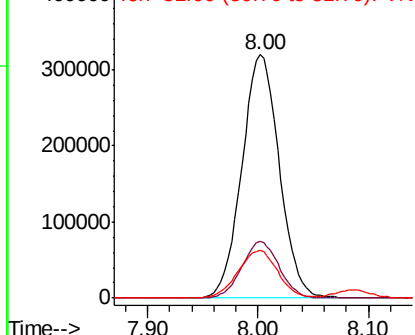
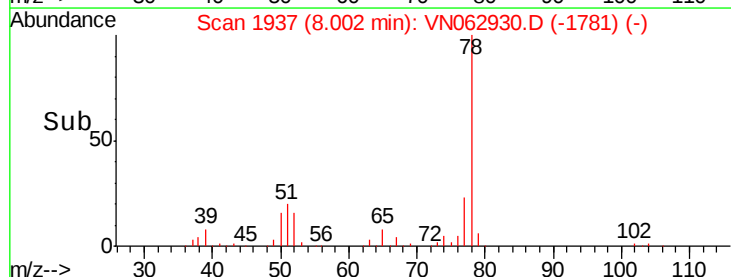


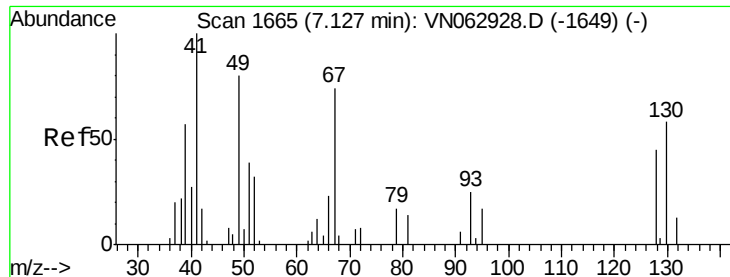
#34
Benzene
Concen: 88.027 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

Tgt Ion: 78 Resp: 751836
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9
51 19.5 24.9 37.3#



Abundance Ion 78.10 (77.80 to 78.80): V
400000
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

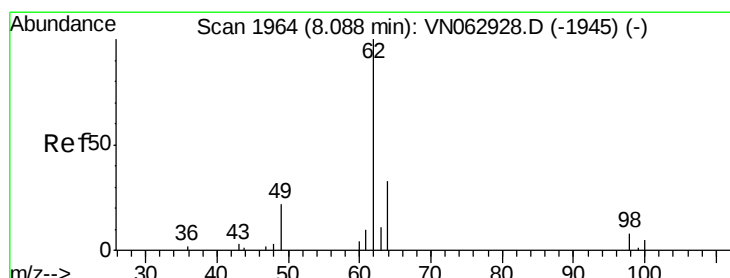
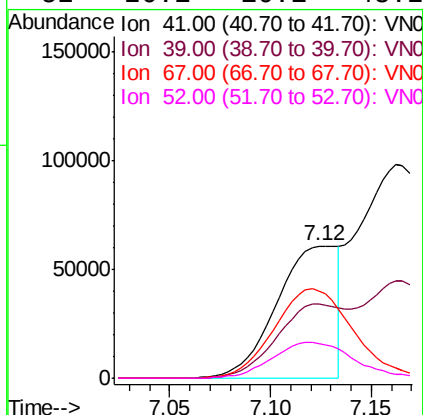
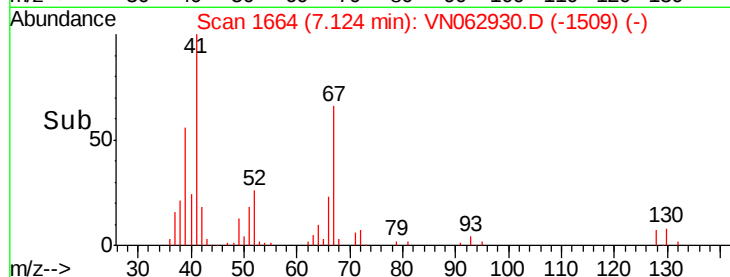
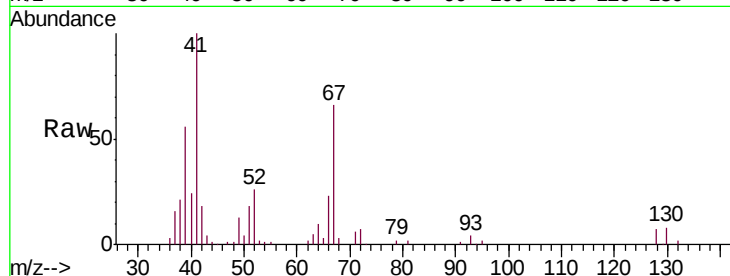




#35
Methacrylonitrile
Concen: 98.506 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

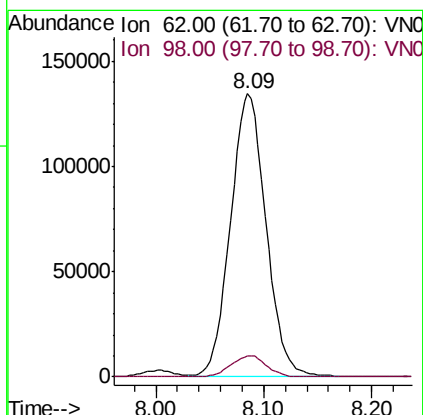
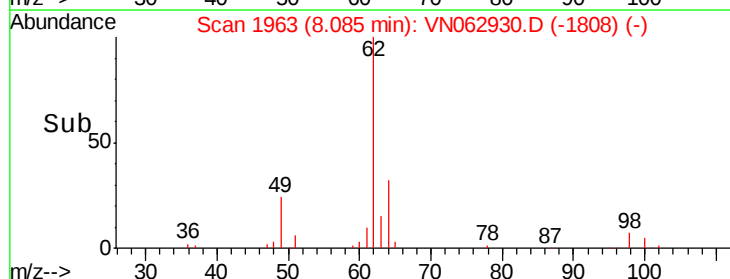
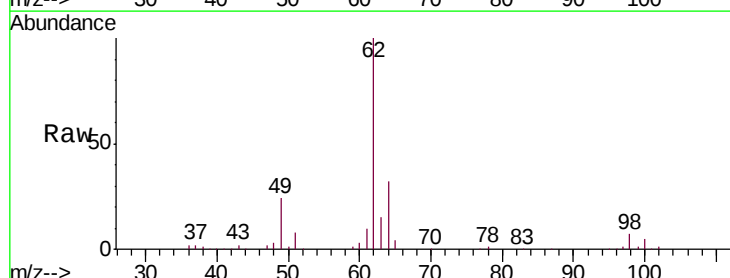
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC100

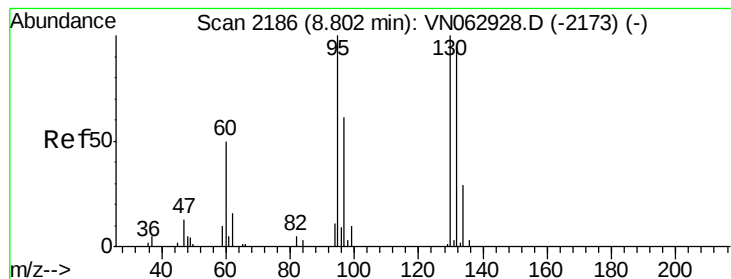
Tgt Ion:	41	Resp:	127436
Ion	Ratio	Lower	Upper
41	100		
39	55.6	28.7	86.3
67	66.1	36.8	110.3
52	26.1	16.1	48.2



#36
1,2-Dichloroethane
Concen: 95.877 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

Tgt Ion:	62	Resp:	306617
Ion	Ratio	Lower	Upper
62	100		
98	7.5	6.1	9.1





#37

Trichloroethene

Concen: 93.821 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

MSVOA_L

ClientSampleId :

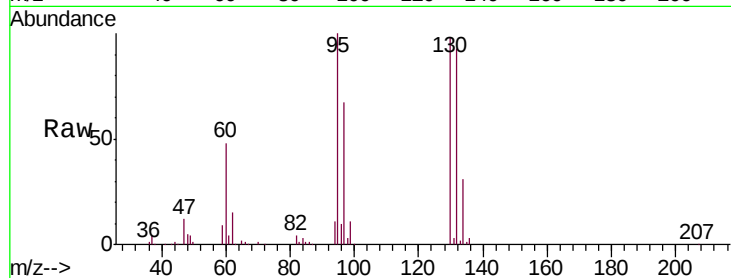
VSTDIC100

Tgt Ion: 130 Resp: 183856

Ion Ratio Lower Upper

130 100

95 102.2 80.1 120.1



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.80

100000

80000

60000

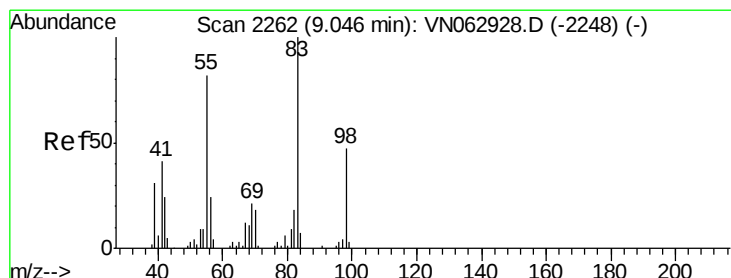
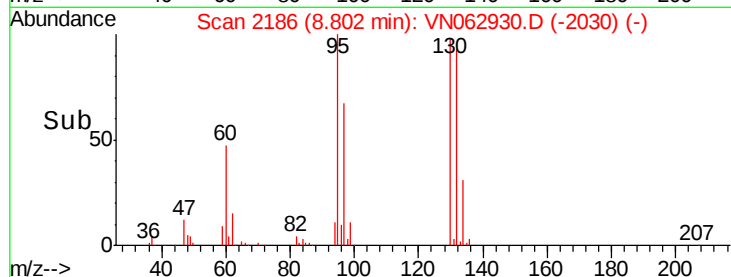
40000

20000

0

8.70 8.75 8.80 8.85 8.90

Time-->



#38

Methylcyclohexane

Concen: 98.902 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

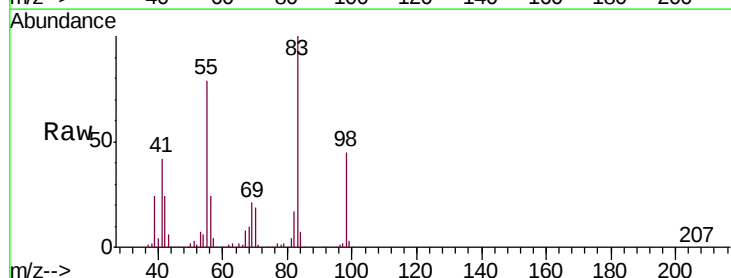
Tgt Ion: 83 Resp: 322499

Ion Ratio Lower Upper

83 100

55 80.4 40.8 122.5

98 45.2 22.3 66.8



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

200000

150000

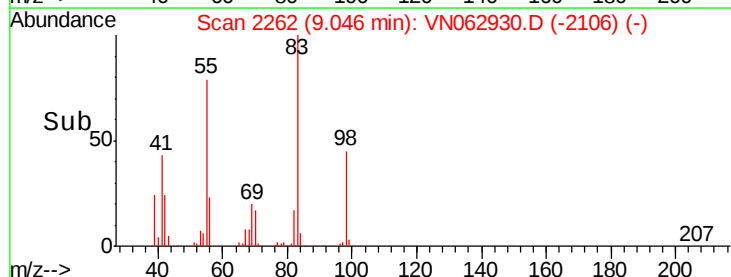
100000

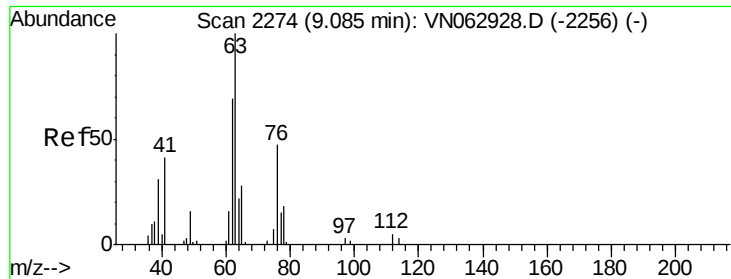
50000

0

8.95 9.00 9.05 9.10

Time-->





#39

1,2-Dichloropropane

Concen: 88.433 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

MSVOA_L

ClientSampleId :

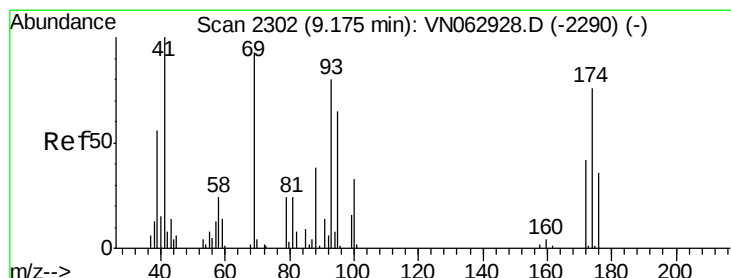
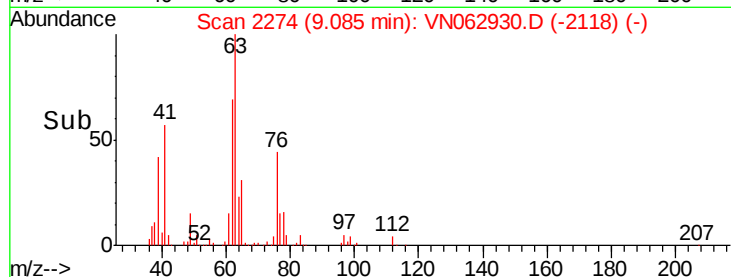
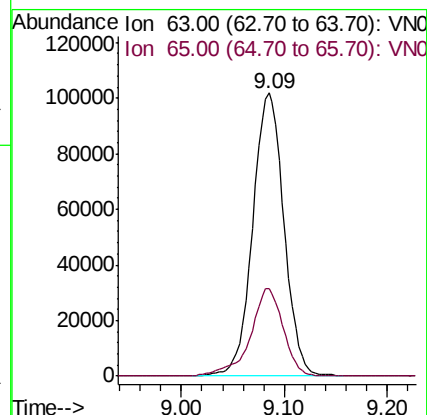
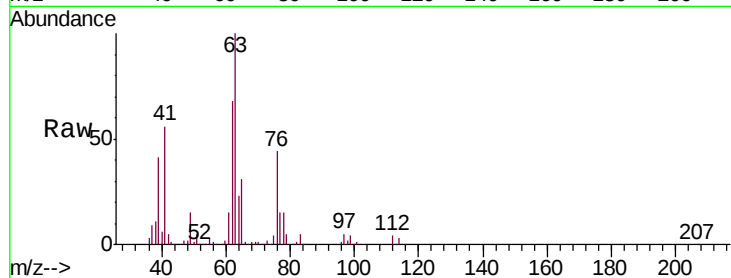
VSTDIC100

Tgt Ion: 63 Resp: 213570

Ion Ratio Lower Upper

63 100

65 30.9 23.8 35.6



#40

Dibromomethane

Concen: 95.416 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

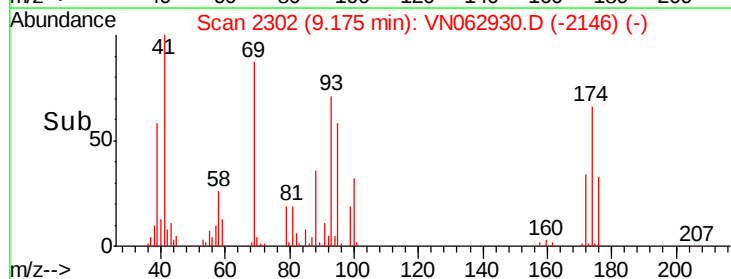
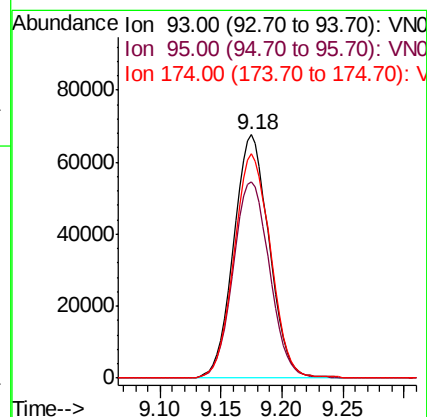
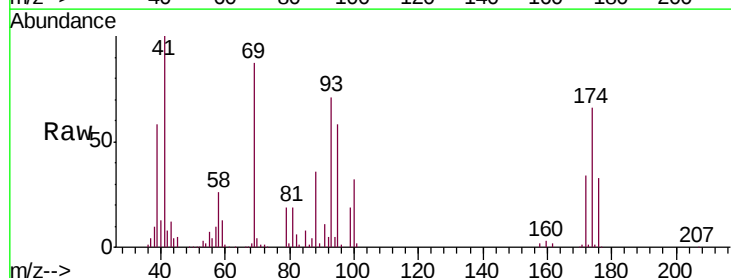
Tgt Ion: 93 Resp: 137191

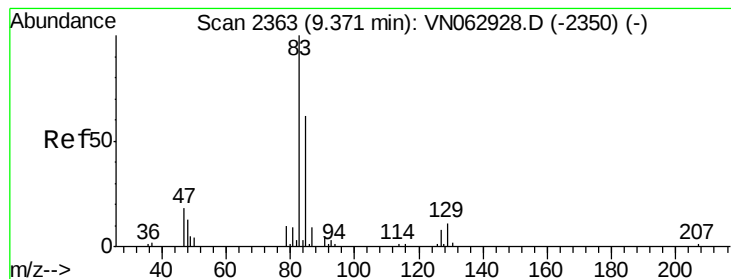
Ion Ratio Lower Upper

93 100

95 82.7 0.0 161.8

174 94.3 0.0 190.0





#41

Bromodichloromethane

Concen: 99.161 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC100

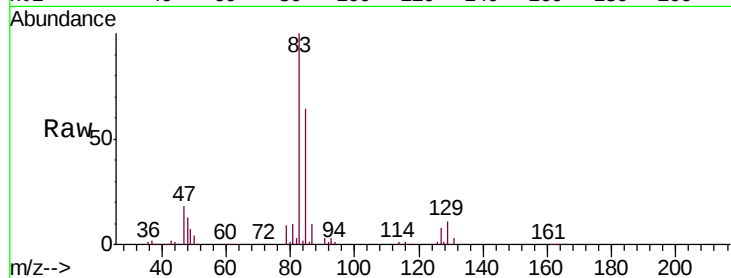
Tgt Ion: 83 Resp: 306251

Ion Ratio Lower Upper

83 100

85 63.8 49.9 74.9

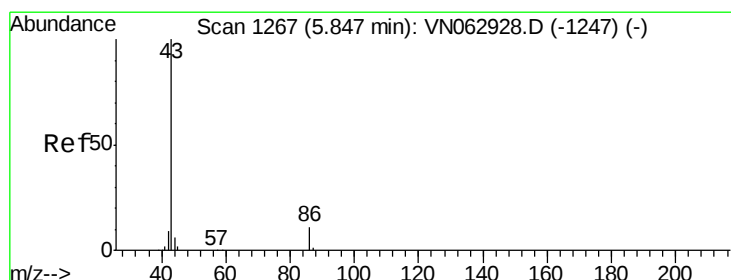
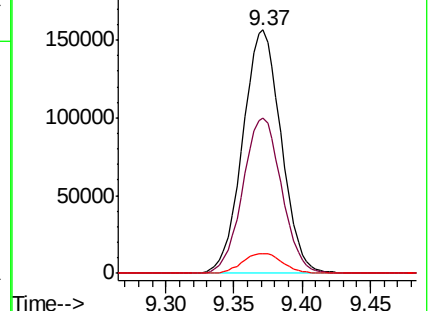
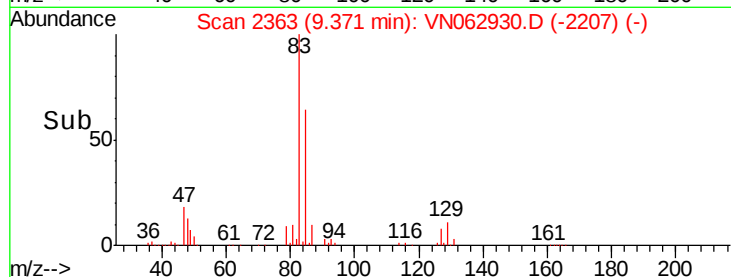
127 8.3 7.1 10.7



Abundance Ion 83.00 (82.70 to 83.70): VN062928.D (-2350) (-)

Ion 85.00 (84.70 to 85.70): VN062928.D (-2350) (-)

Ion 127.00 (126.70 to 127.70): VN062928.D (-2350) (-)



#42

Vinyl Acetate

Concen: 382.372 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.01 min

Lab File: VN062930.D

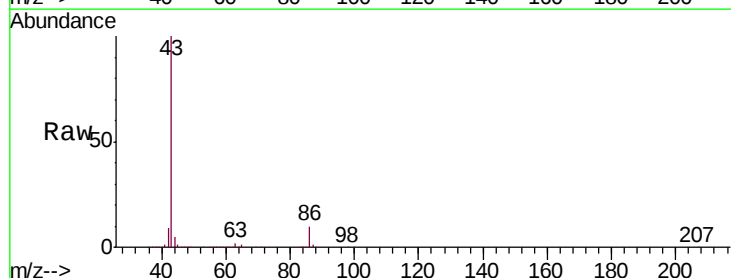
Acq: 13 Aug 2020 23:45

Tgt Ion: 43 Resp: 2304369

Ion Ratio Lower Upper

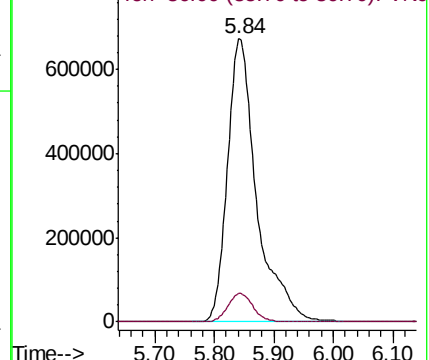
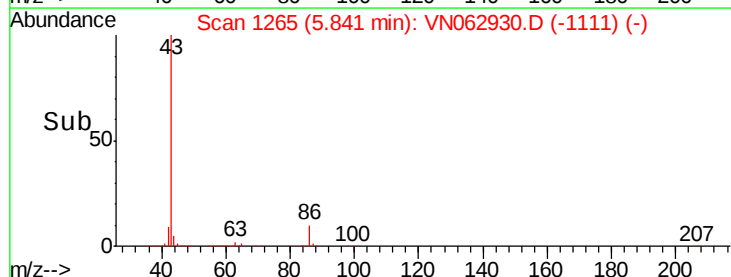
43 100

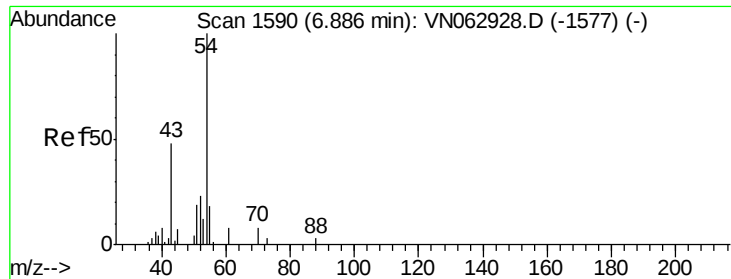
86 8.7 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN062928.D (-1247) (-)

Ion 86.00 (85.70 to 86.70): VN062928.D (-1247) (-)





#43

Ethyl Acetate

Concen: 86.278 ug/l

RT: 6.88 min Scan# 1589

Delta R.T. -0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

MSVOA_L

ClientSampleId :

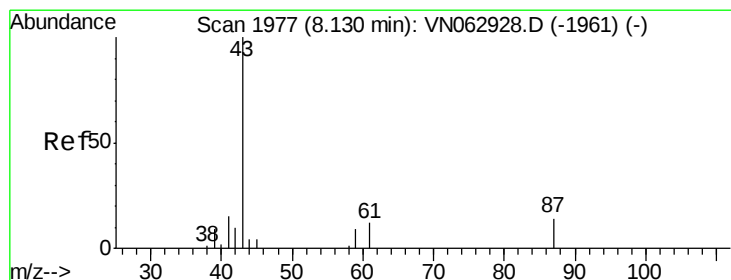
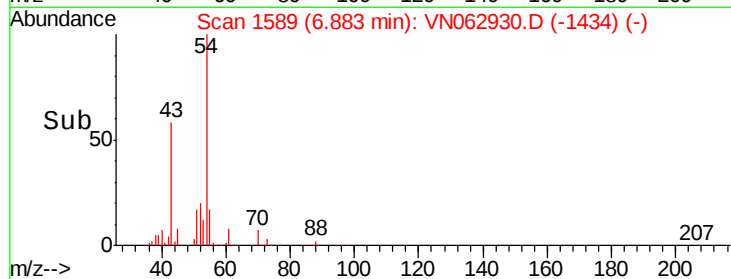
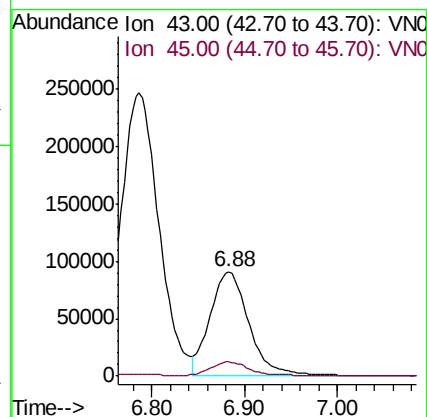
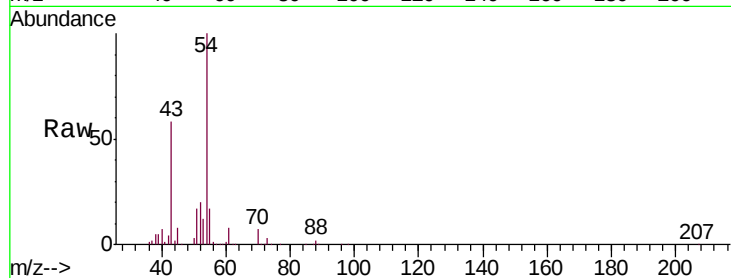
VSTDIC100

Tgt Ion: 43 Resp: 260318

Ion Ratio Lower Upper

43 100

45 13.1 6.6 9.8#



#44

Isopropyl Acetate

Concen: 87.984 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062930.D

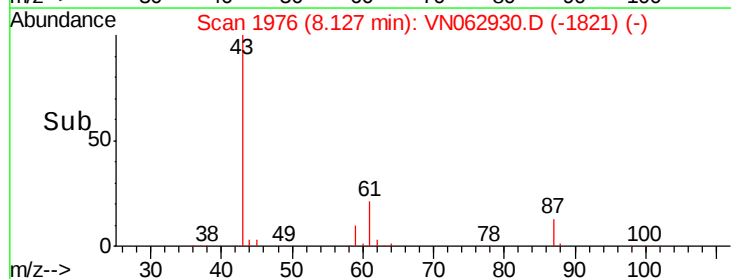
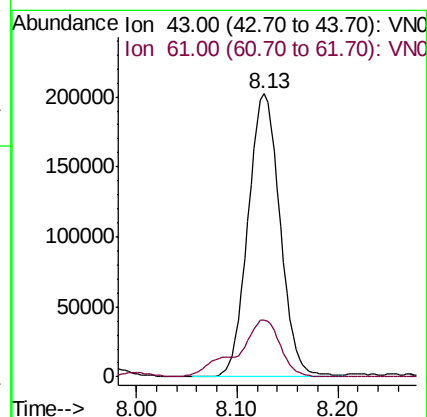
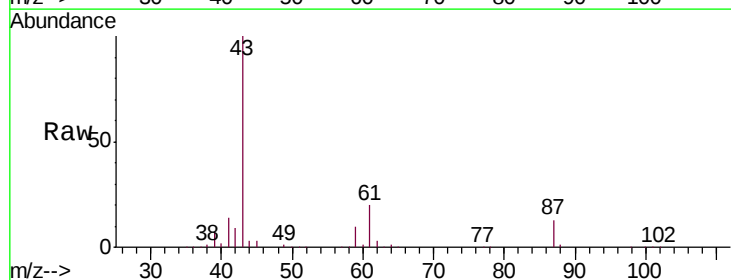
Acq: 13 Aug 2020 23:45

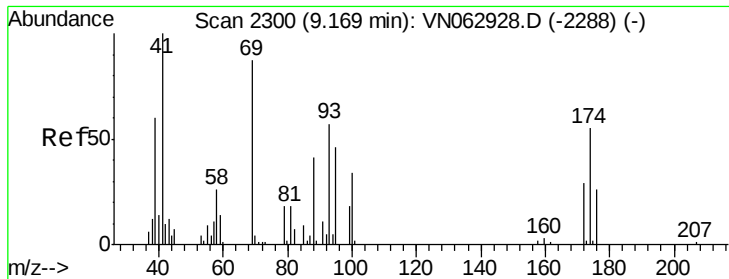
Tgt Ion: 43 Resp: 443043

Ion Ratio Lower Upper

43 100

61 21.1 17.2 25.8

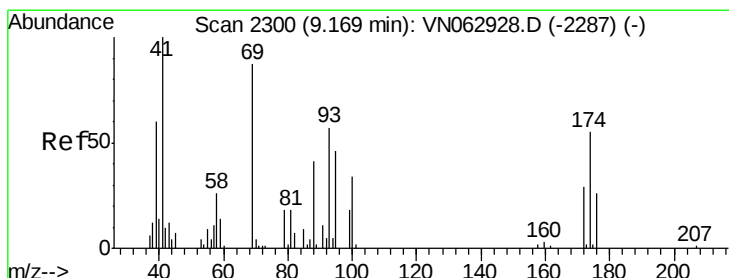
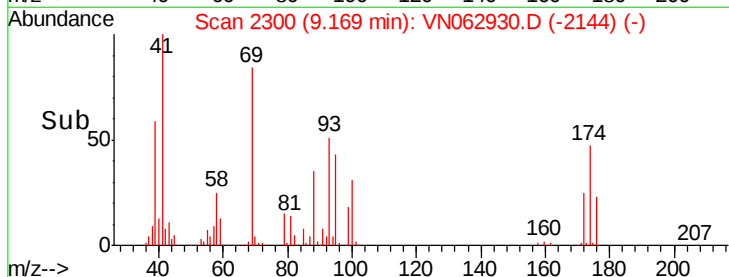
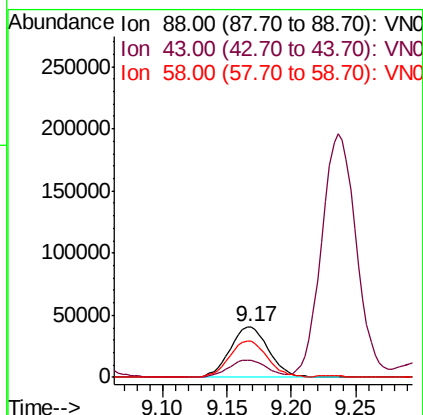
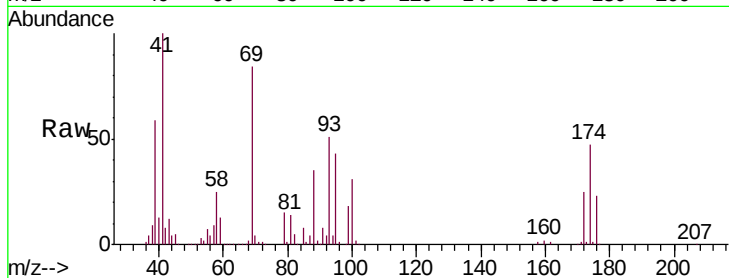




#45
 1,4-Dioxane
 Concen: 2313.405 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

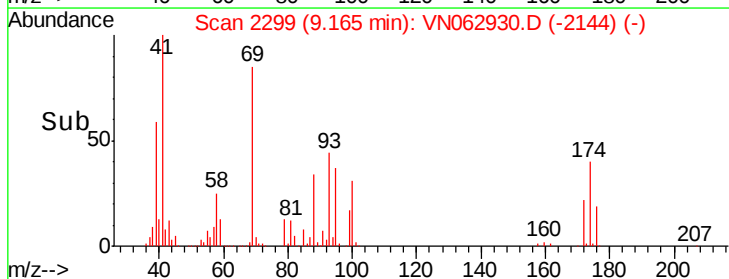
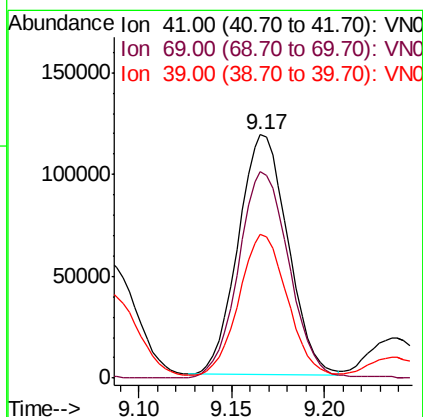
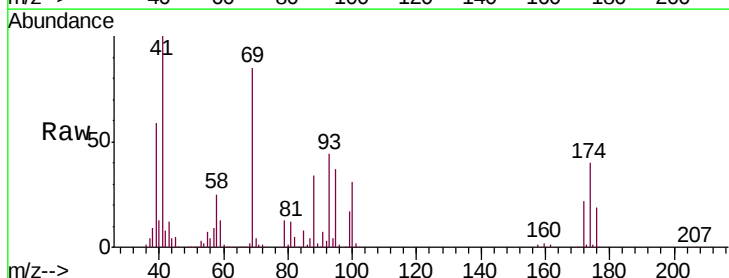
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC100

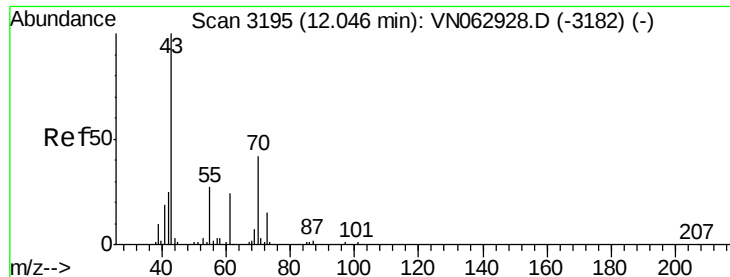
Tgt Ion: 88 Resp: 85089
 Ion Ratio Lower Upper
 88 100
 43 32.8 26.0 39.0
 58 71.1 54.2 81.2



#46
 Methyl methacrylate
 Concen: 91.468 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

Tgt Ion: 41 Resp: 220230
 Ion Ratio Lower Upper
 41 100
 69 85.5 43.6 130.9
 39 58.5 29.9 89.8

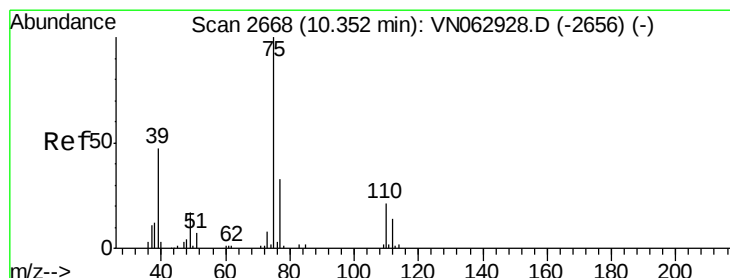
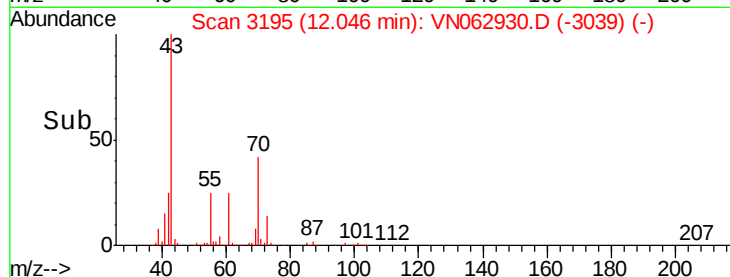
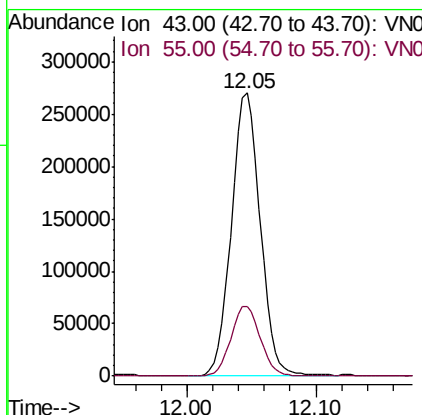
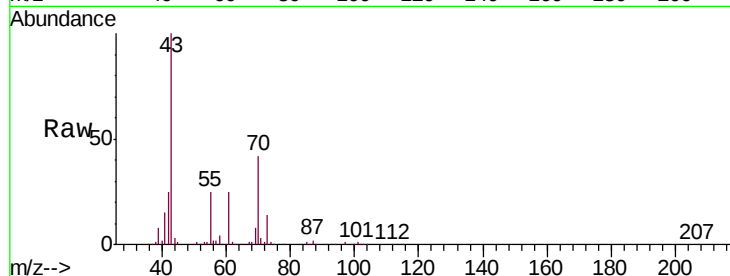




#47
n-amyl Acetate
Concen: 97.341 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

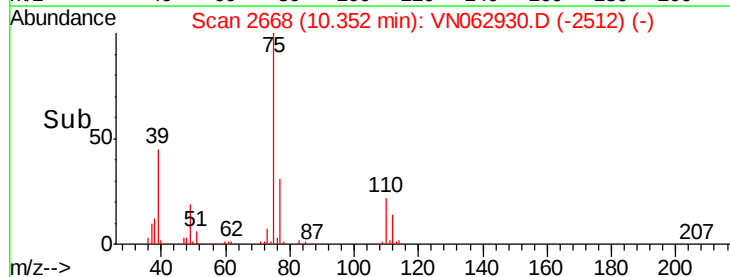
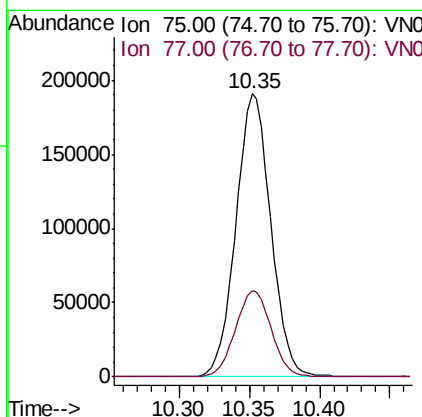
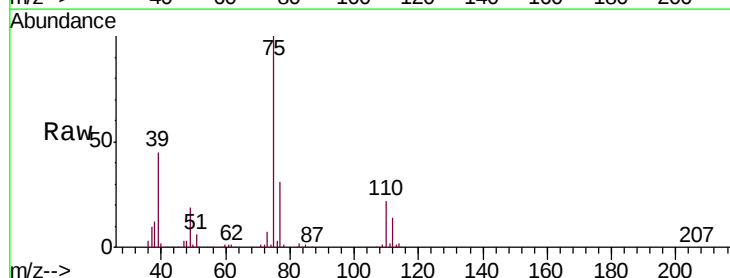
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC100

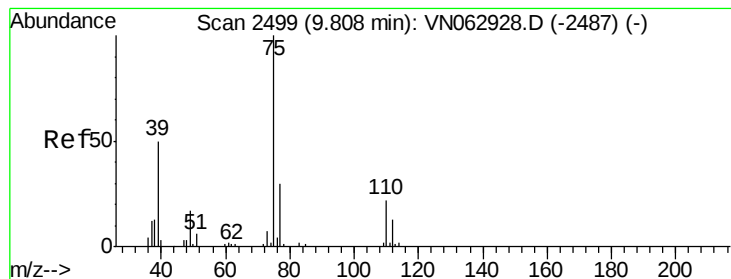
Tgt Ion: 43 Resp: 418998
Ion Ratio Lower Upper
43 100
55 25.2 20.8 31.2



#48
t-1,3-Dichloropropene
Concen: 93.981 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

Tgt Ion: 75 Resp: 331014
Ion Ratio Lower Upper
75 100
77 30.5 26.2 39.2



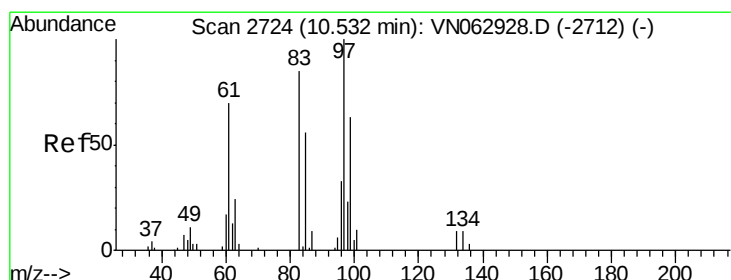
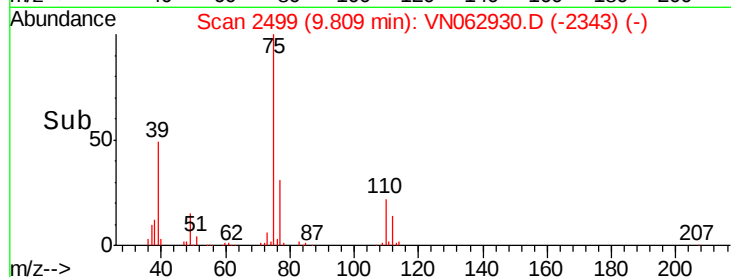
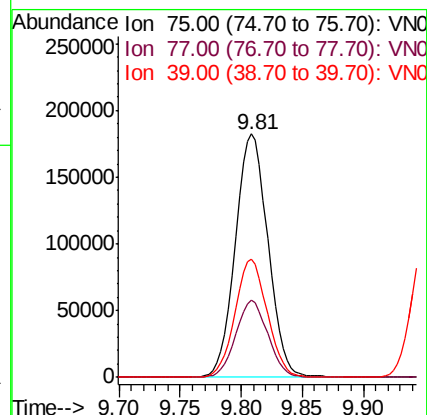
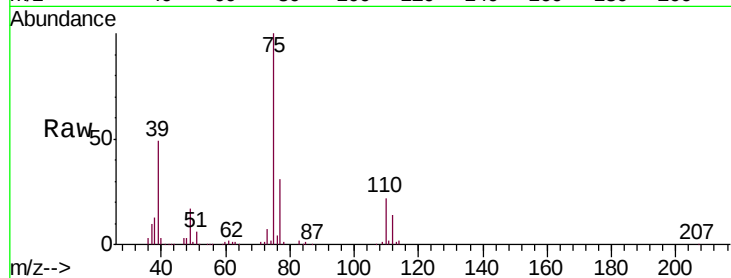


#49

cis-1,3-Dichloropropene
 Concen: 90.743 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC100

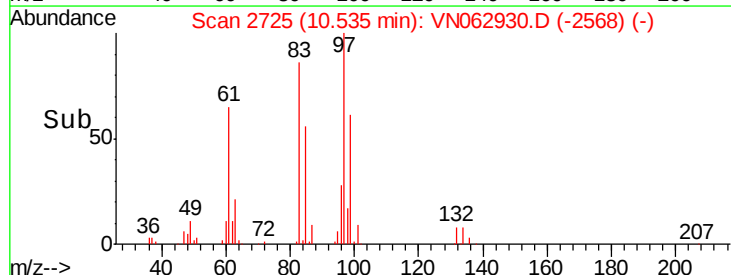
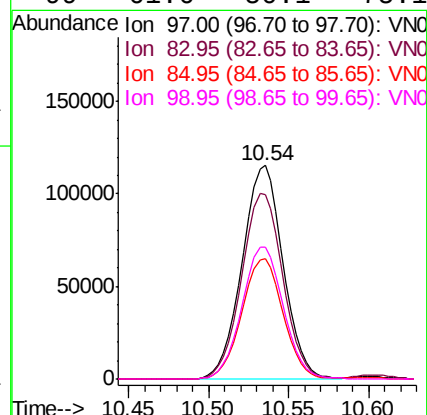
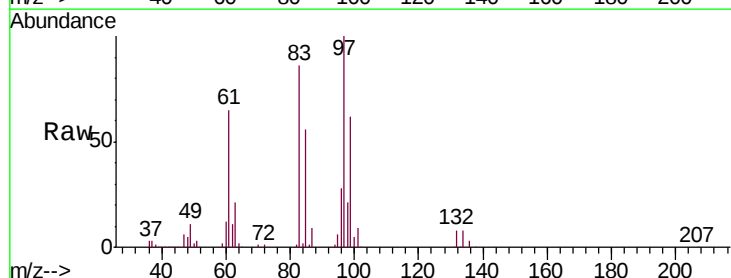
Tgt Ion:	75	Resp:	339201
Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.4	36.6
39	48.7	40.2	60.4

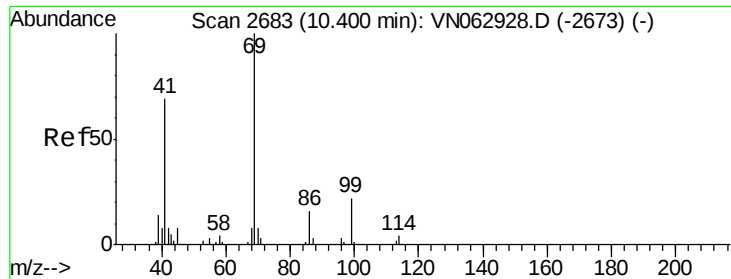


#50

1,1,2-Trichloroethane
 Concen: 99.952 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

Tgt Ion:	97	Resp:	202135
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.8	101.6
85	56.2	44.5	66.7
99	61.6	50.1	75.1





#51

Ethyl methacrylate

Concen: 101.415 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC100

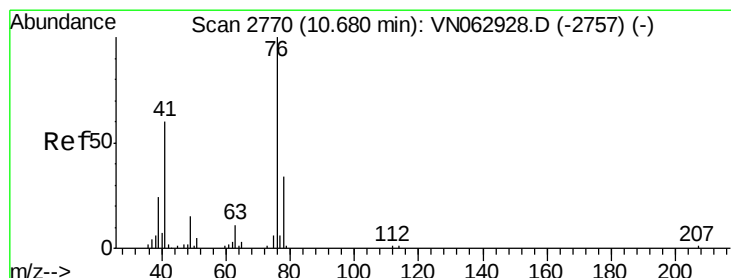
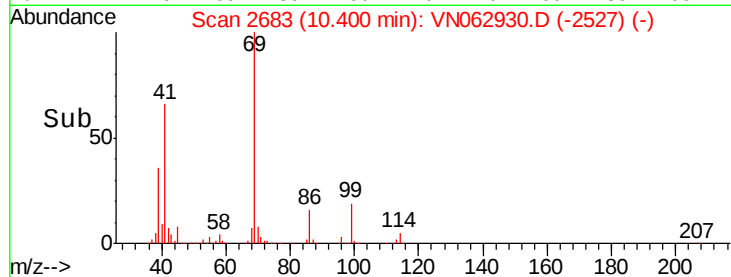
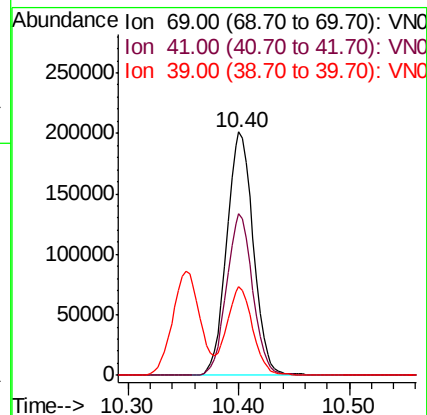
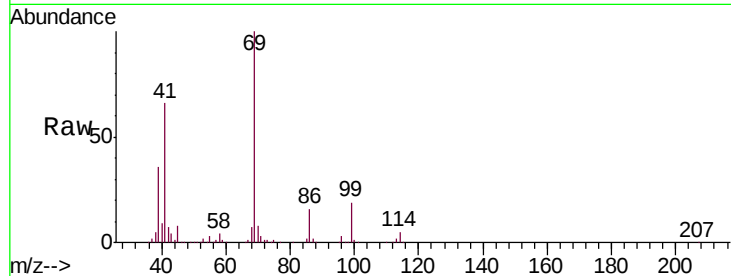
Tgt Ion: 69 Resp: 336290

Ion Ratio Lower Upper

69 100

41 66.1 34.8 104.3

39 36.2 18.6 55.8



#52

1,3-Dichloropropane

Concen: 94.994 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062930.D

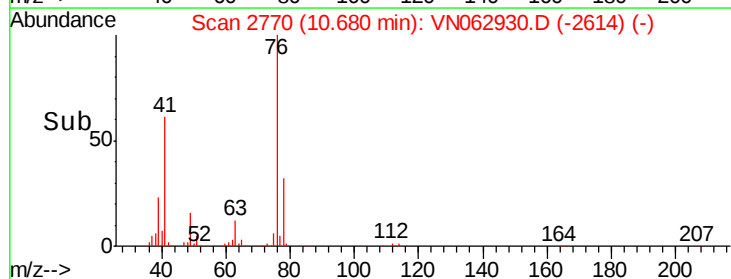
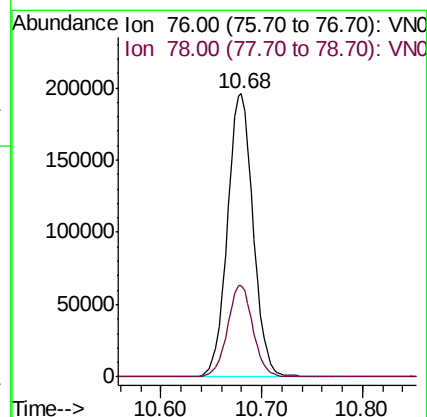
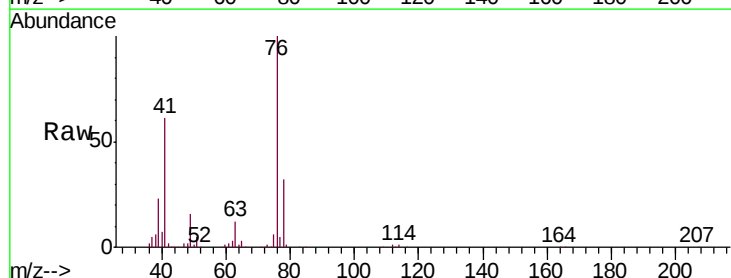
Acq: 13 Aug 2020 23:45

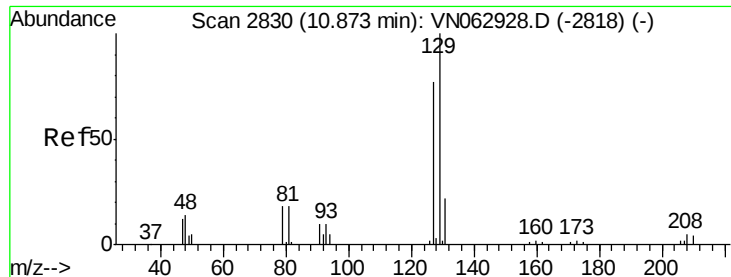
Tgt Ion: 76 Resp: 348512

Ion Ratio Lower Upper

76 100

78 31.9 0.0 66.2

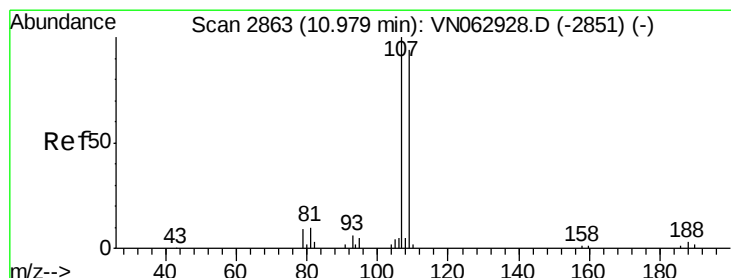
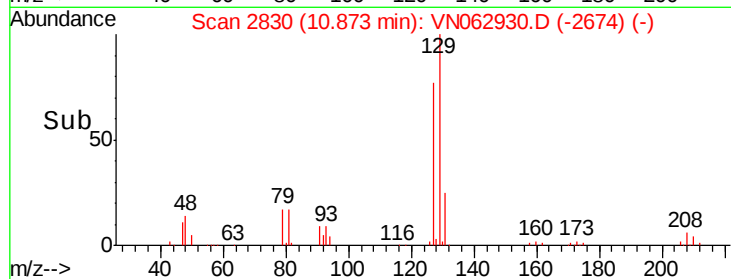
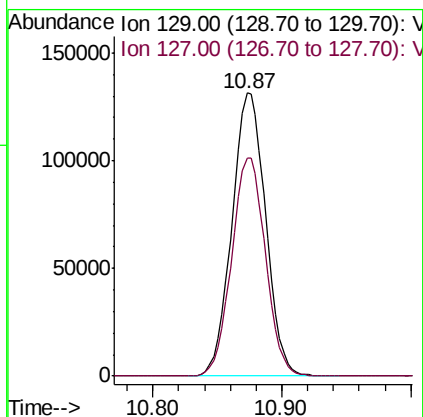
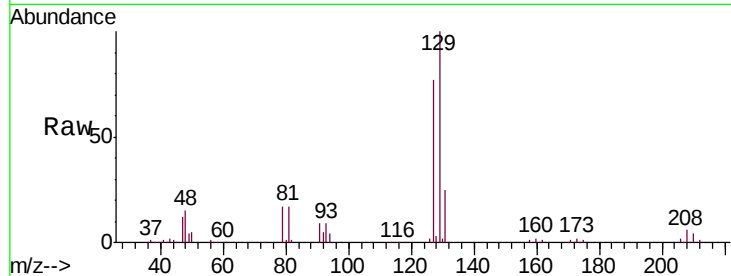




#53
 Dibromochloromethane
 Concen: 106.166 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

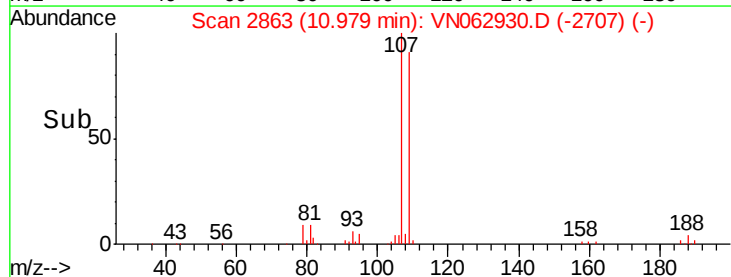
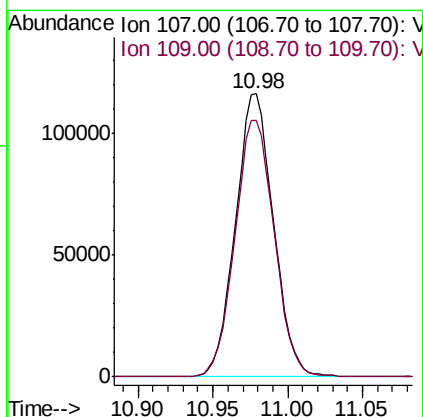
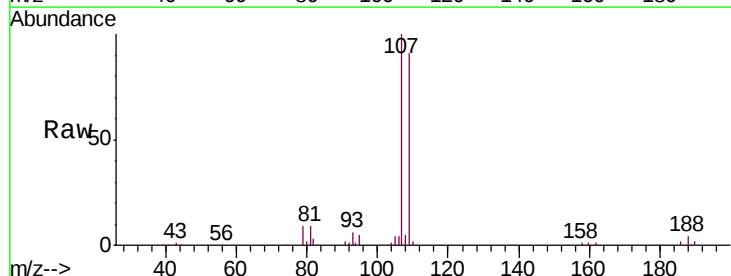
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC100

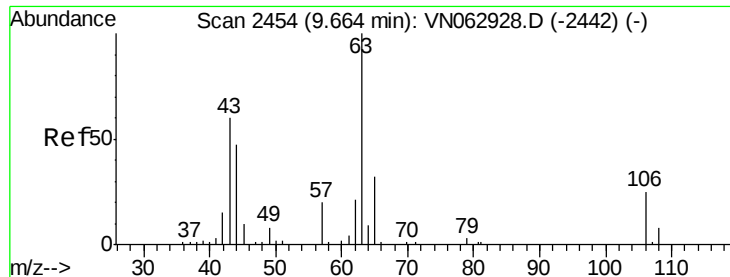
Tgt Ion:129 Resp: 238673
 Ion Ratio Lower Upper
 129 100
 127 77.3 38.1 114.5



#54
 1,2-Dibromoethane
 Concen: 99.420 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

Tgt Ion:107 Resp: 205897
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.9 115.3

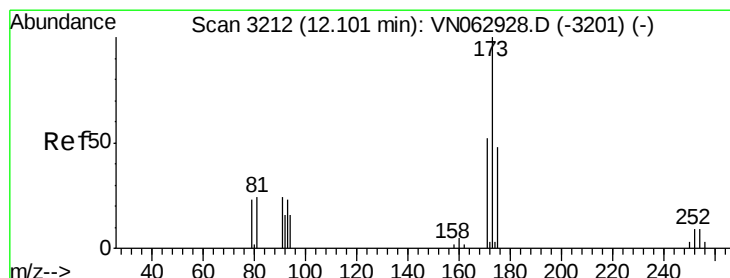
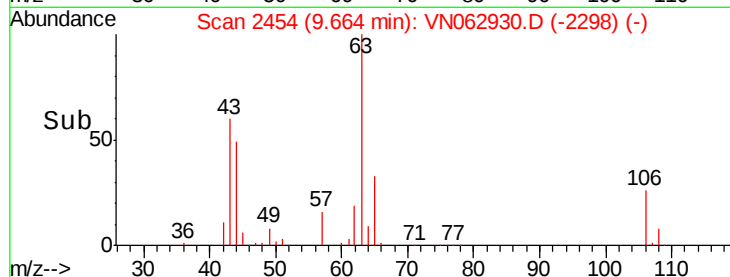
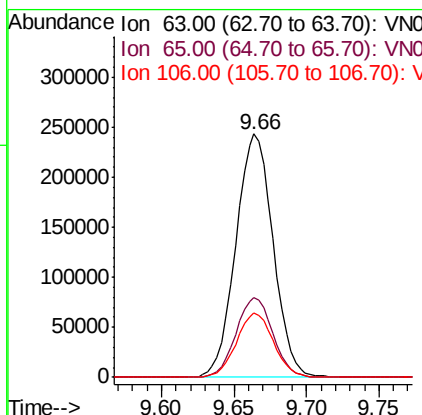
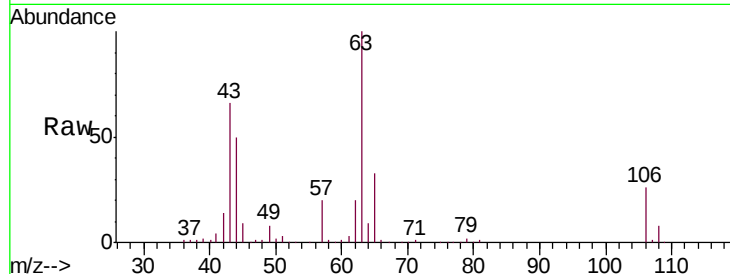




#55
2-Chloroethyl vinyl ether
Concen: 433.129 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

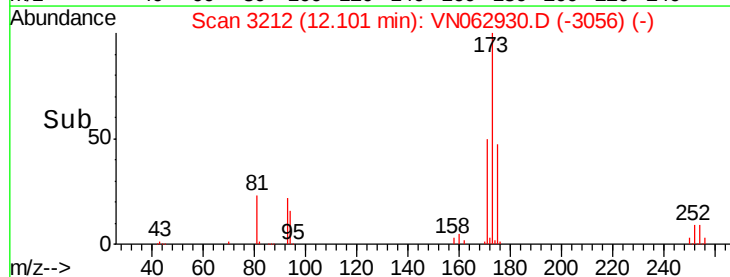
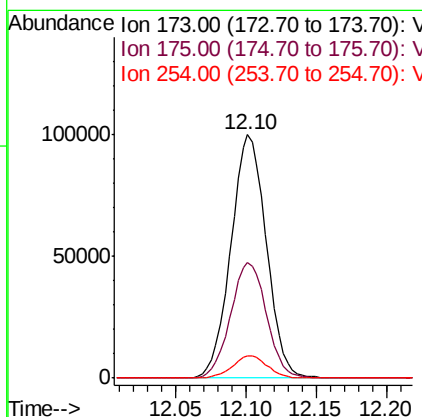
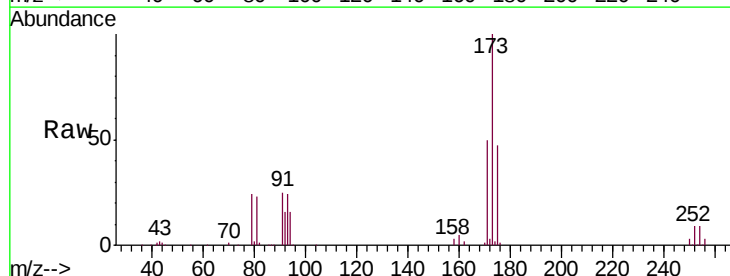
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC100

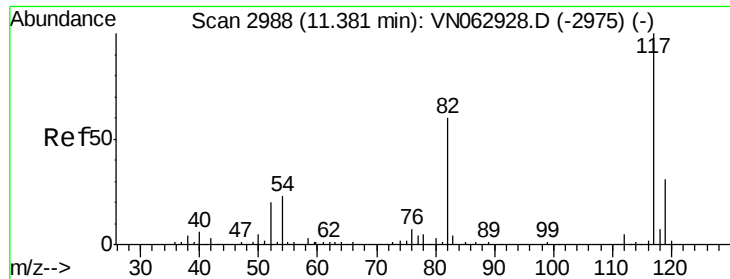
Tgt Ion: 63 Resp: 434733
Ion Ratio Lower Upper
63 100
65 32.4 25.8 38.8
106 26.3 20.4 30.6



#56
Bromoform
Concen: 113.382 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

Tgt Ion: 173 Resp: 175406
Ion Ratio Lower Upper
173 100
175 48.1 37.8 56.6
254 8.9 6.9 10.3

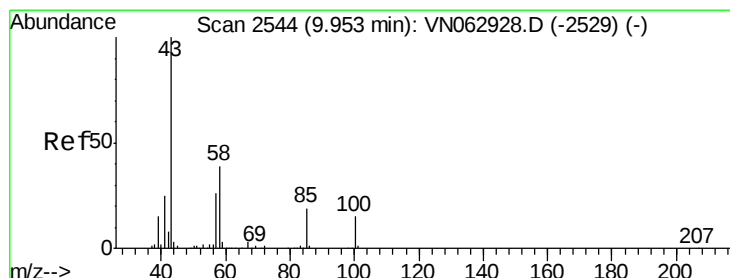
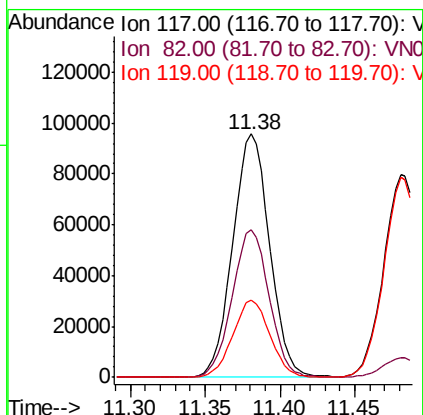
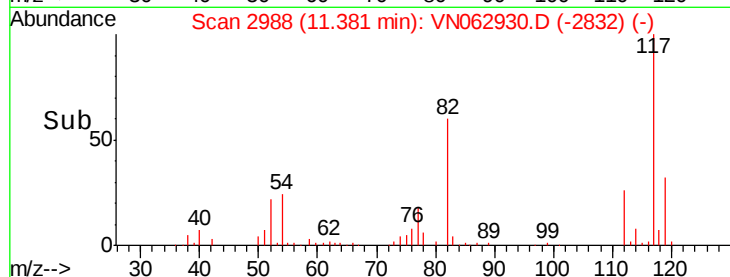
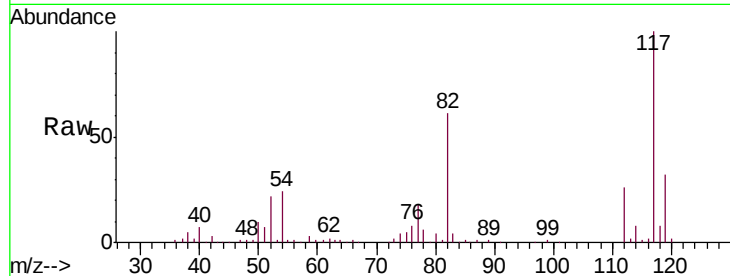




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

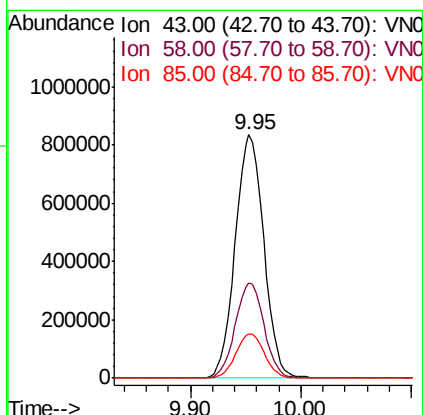
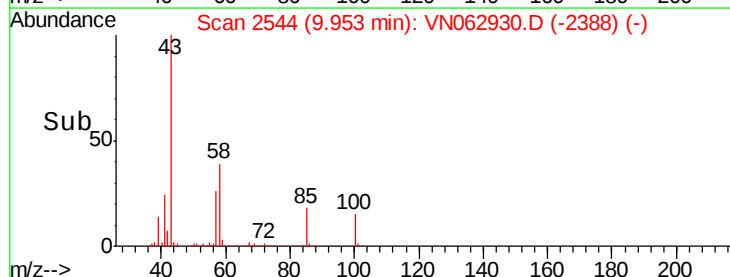
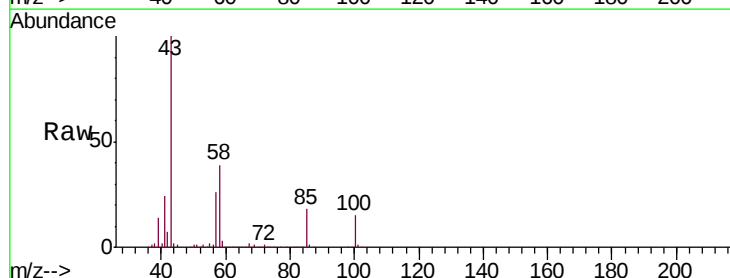
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC100

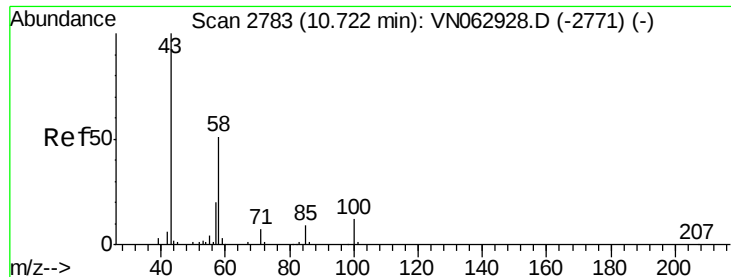
Tgt Ion:117 Resp: 164558
Ion Ratio Lower Upper
117 100
82 60.8 47.5 71.3
119 32.0 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 484.473 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

Tgt Ion: 43 Resp: 1497300
Ion Ratio Lower Upper
43 100
58 39.3 31.3 46.9
85 18.3 15.2 22.8

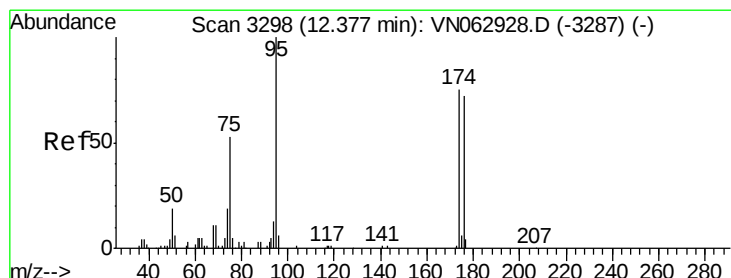
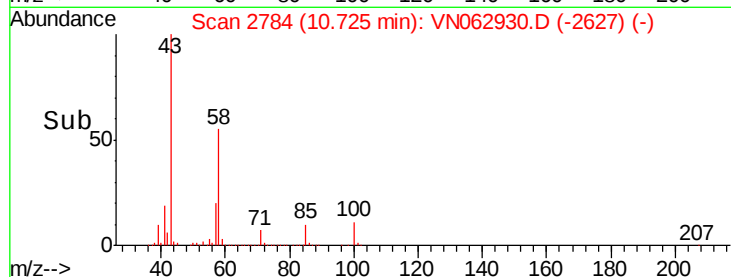
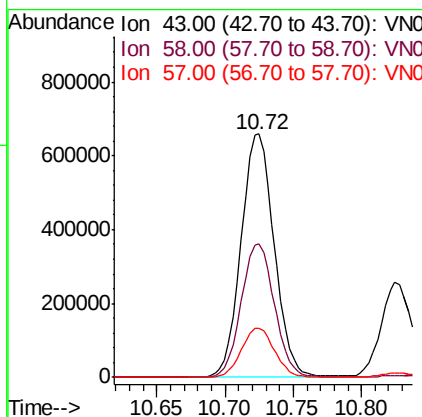
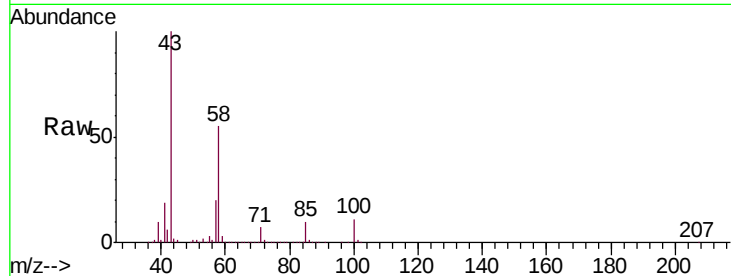




#59
2-Hexanone
Concen: 491.464 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

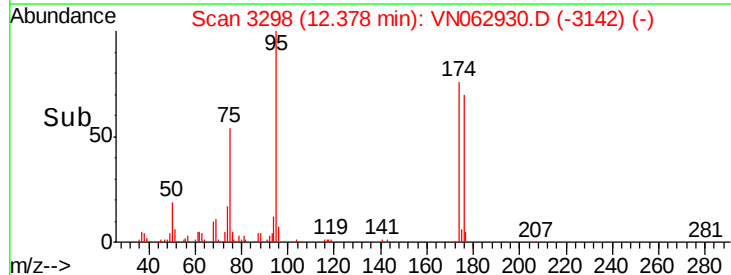
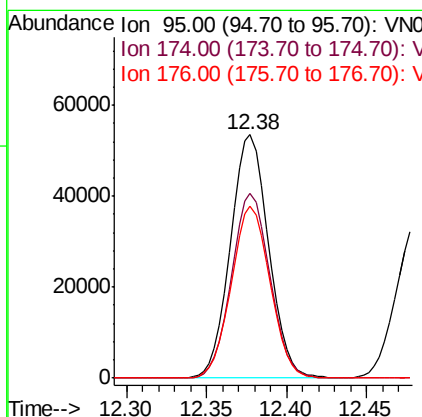
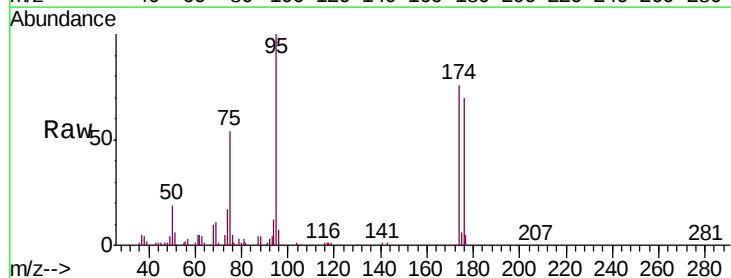
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC100

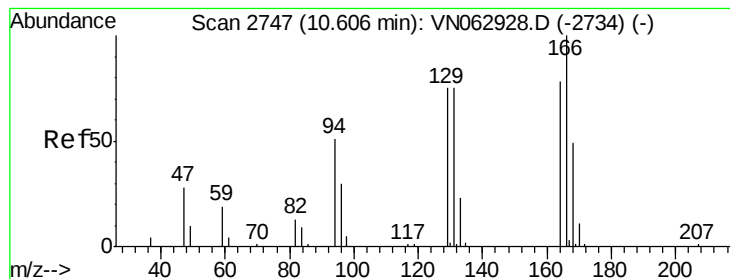
Tgt Ion: 43 Resp: 1111876
Ion Ratio Lower Upper
43 100
58 55.2 41.8 62.6
57 20.3 16.2 24.2



#60
4-Bromofluorobenzene
Concen: 31.068 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

Tgt Ion: 95 Resp: 86858
Ion Ratio Lower Upper
95 100
174 76.4 60.9 91.3
176 71.6 57.8 86.8





#61

Tetrachloroethene

Concen: 94.870 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC100

Tgt Ion:164 Resp: 158384

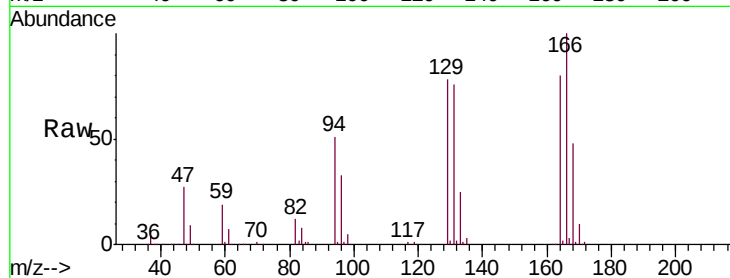
Ion Ratio Lower Upper

164 100

166 125.6 101.9 152.9

129 98.3 76.4 114.6

131 95.3 76.5 114.7

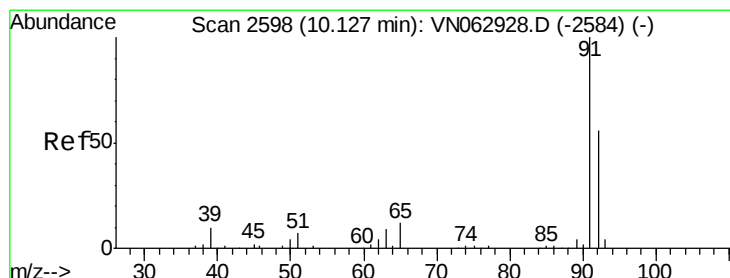
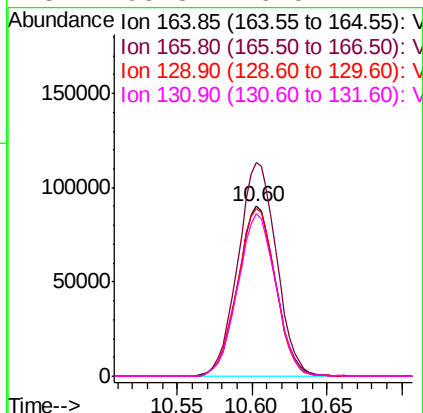
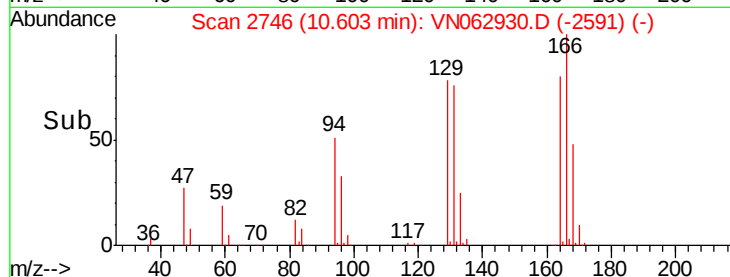


Abundance Ion 163.85 (163.55 to 164.55): V

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: 92.382 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062930.D

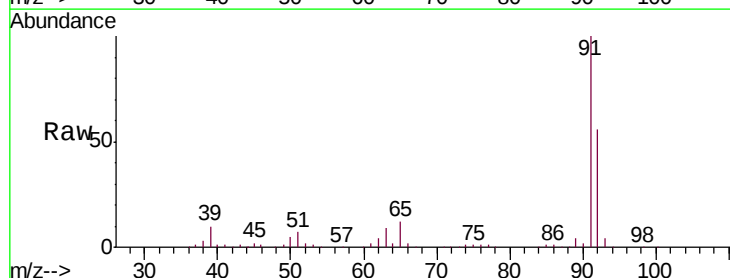
Acq: 13 Aug 2020 23:45

Tgt Ion: 91 Resp: 841040

Ion Ratio Lower Upper

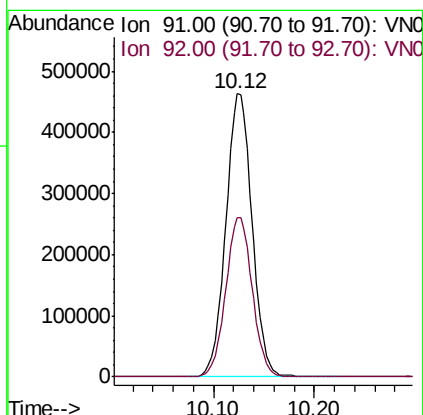
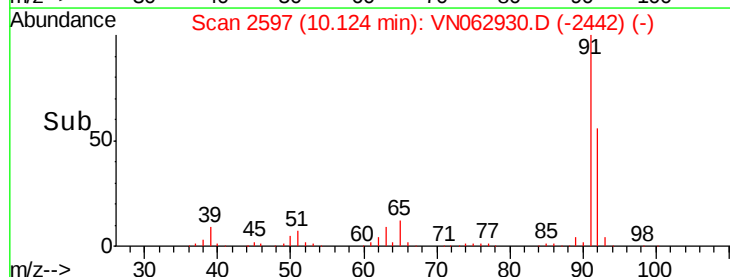
91 100

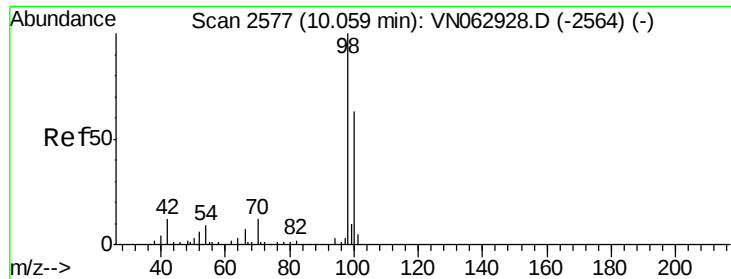
92 56.9 45.2 67.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 29.788 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

MSVOA_L

ClientSampleId :

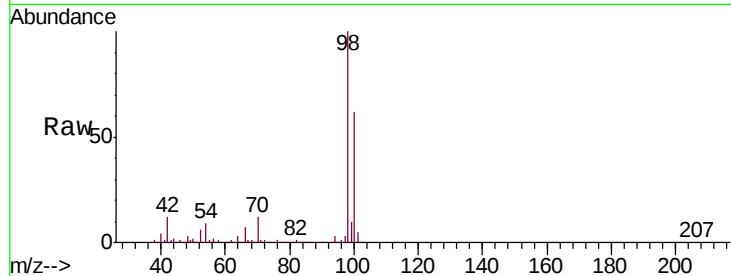
VSTDIC100

Tgt Ion: 98 Resp: 230161

Ion Ratio Lower Upper

98 100

100 62.6 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN062928.D (-2564) (-)

Ion 100.00 (99.70 to 100.70): VN062928.D (-2564) (-)

10.06

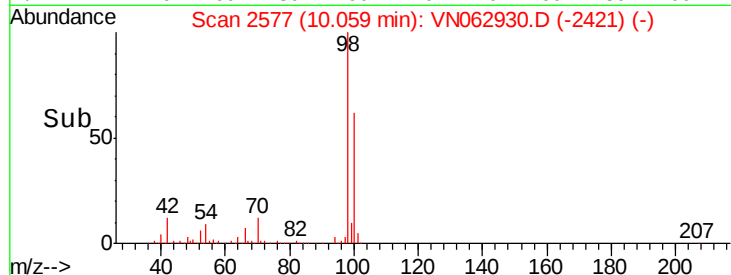
150000

100000

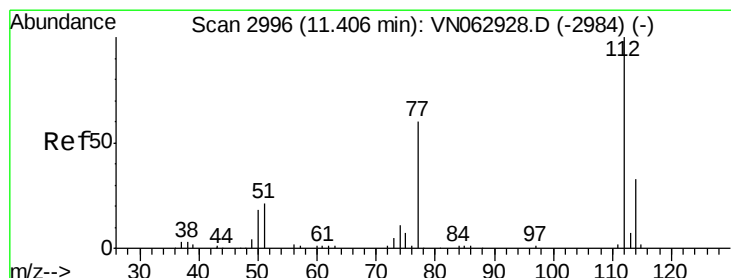
50000

0

Time-->



Time-->



#64

Chlorobenzene

Concen: 97.186 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062930.D

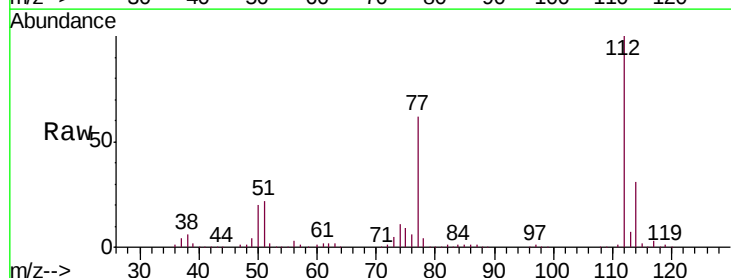
Acq: 13 Aug 2020 23:45

Tgt Ion: 112 Resp: 529026

Ion Ratio Lower Upper

112 100

114 31.2 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): VN062928.D (-2984) (-)

Ion 114.00 (113.70 to 114.70): VN062928.D (-2984) (-)

11.41

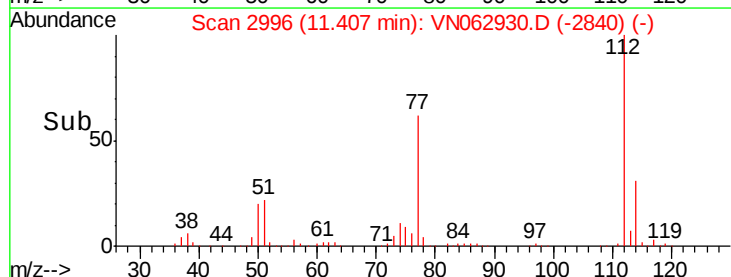
300000

200000

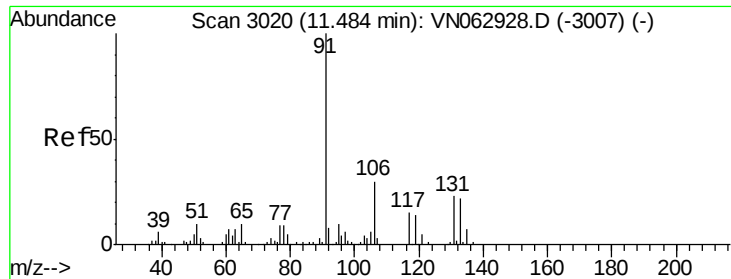
100000

0

Time-->



Time-->



#65

1,1,1,2-Tetrachloroethane

Concen: 103.319 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC100

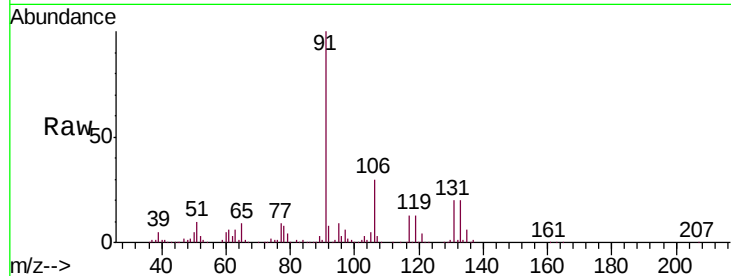
Tgt Ion:131 Resp: 213385

Ion Ratio Lower Upper

131 100

133 95.6 0.0 192.6

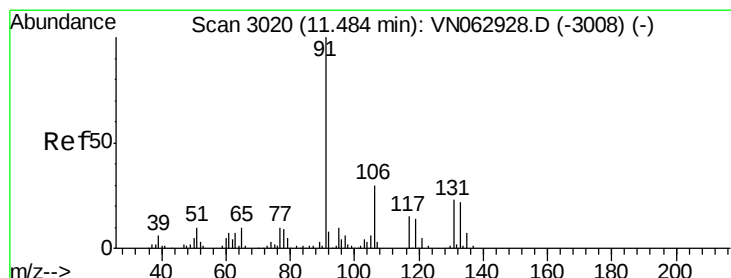
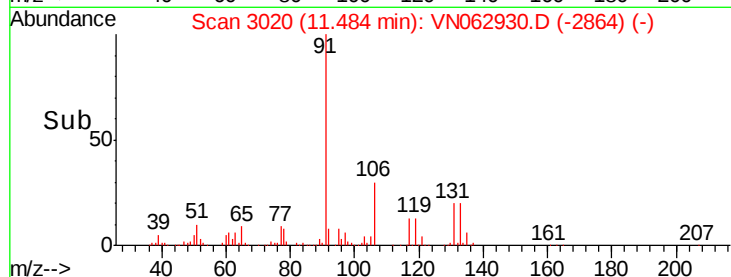
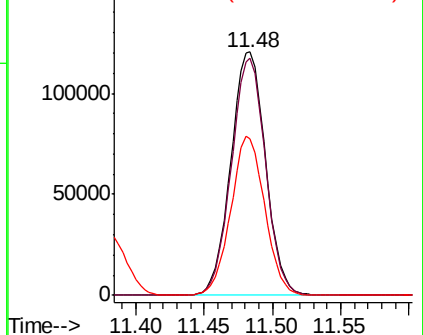
119 63.9 0.0 125.4



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: 97.275 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062930.D

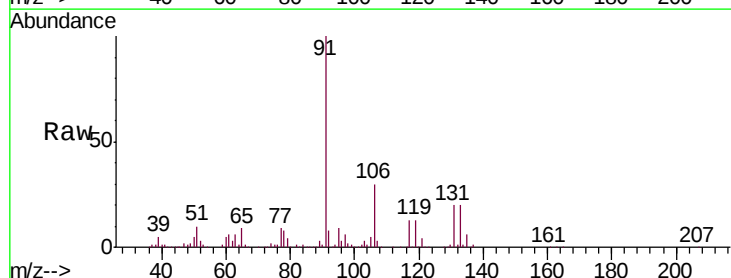
Acq: 13 Aug 2020 23:45

Tgt Ion: 91 Resp: 980453

Ion Ratio Lower Upper

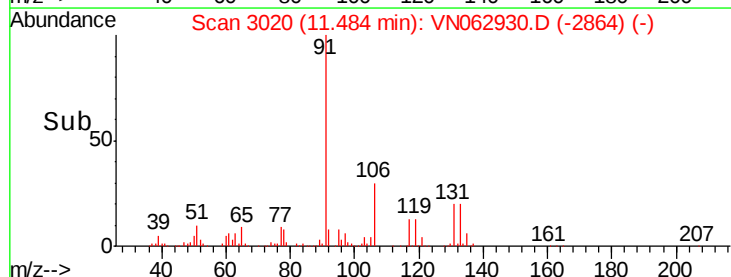
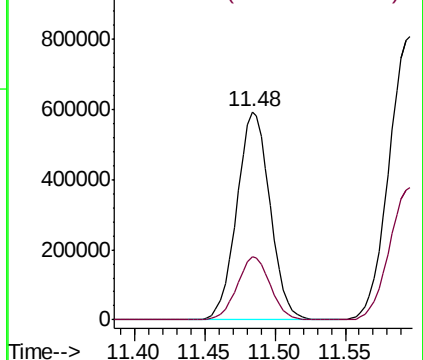
91 100

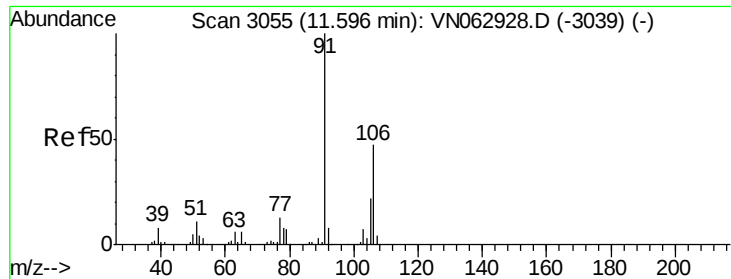
106 30.5 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

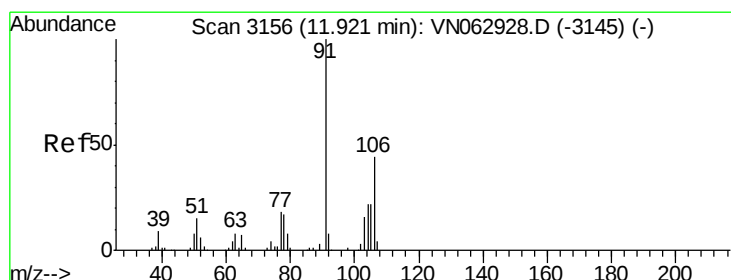
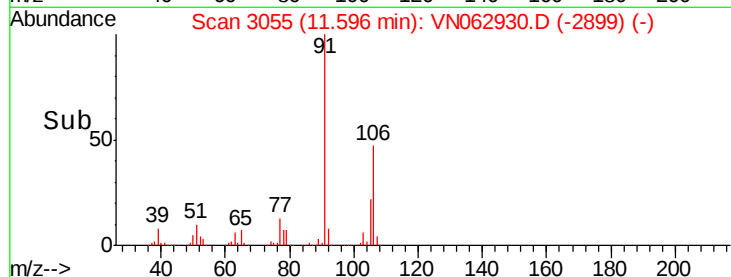
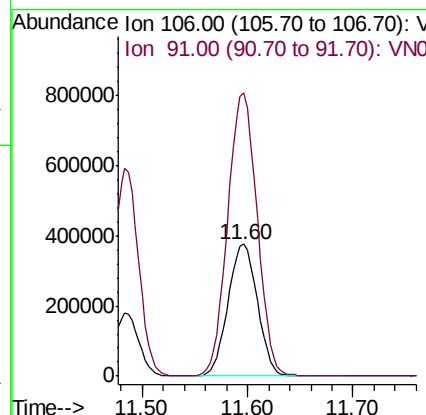
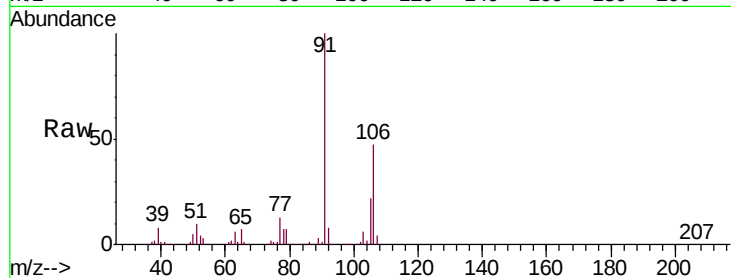




#67
m/p-Xylenes
Concen: 196.274 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

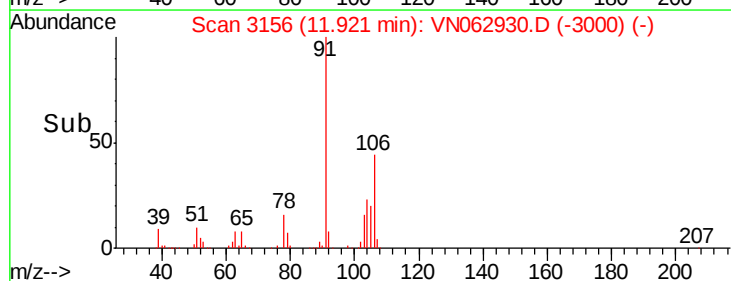
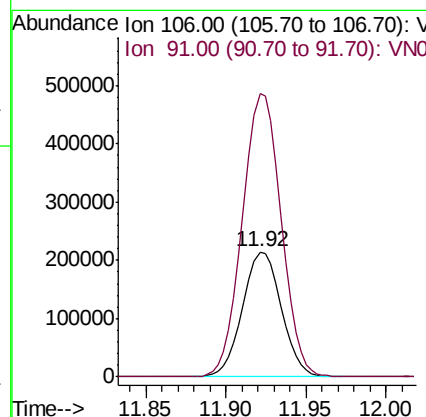
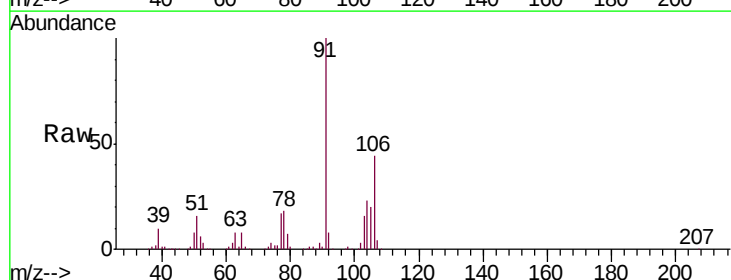
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC100

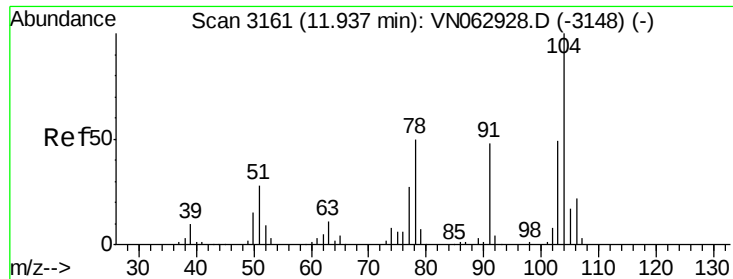
Tgt Ion:106 Resp: 727440
Ion Ratio Lower Upper
106 100
91 214.4 171.0 256.6



#68
o-Xylene
Concen: 100.523 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

Tgt Ion:106 Resp: 354697
Ion Ratio Lower Upper
106 100
91 227.2 115.4 346.2

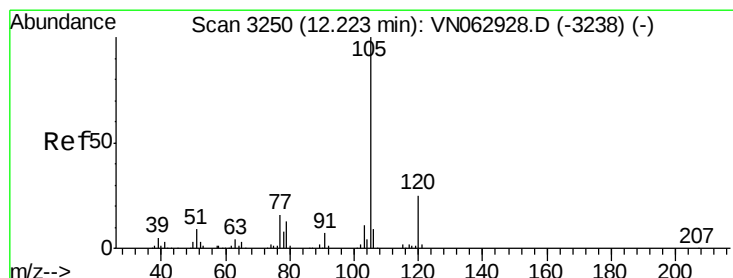
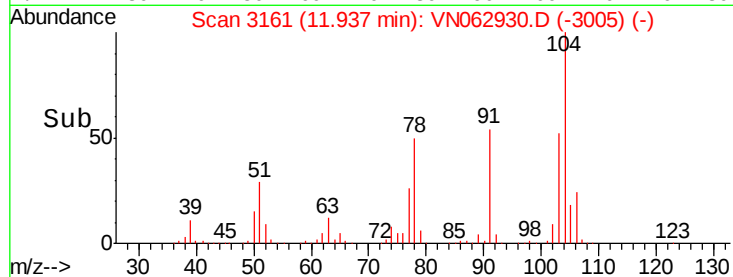
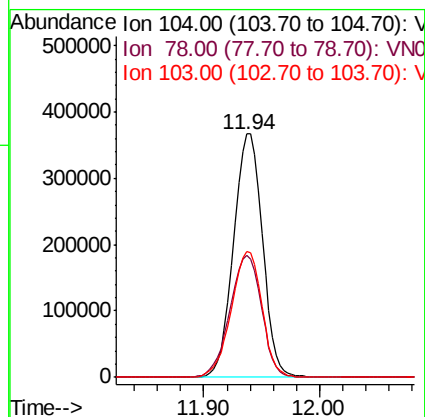
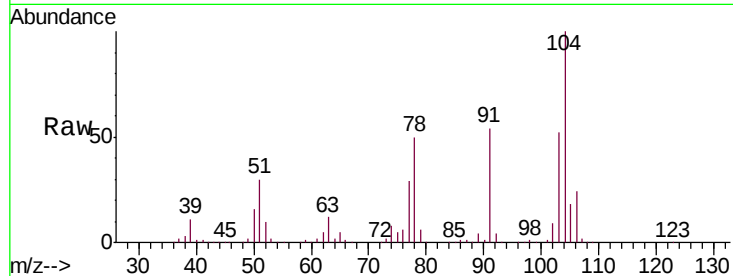




#69
Styrene
Concen: 104.000 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

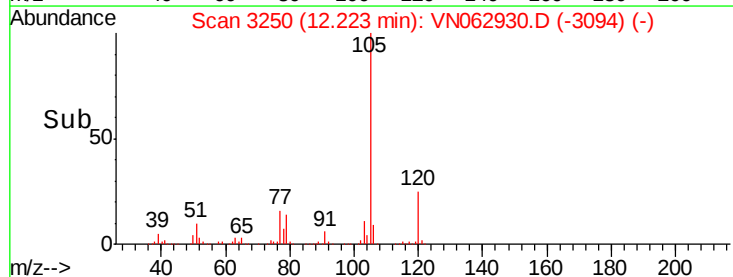
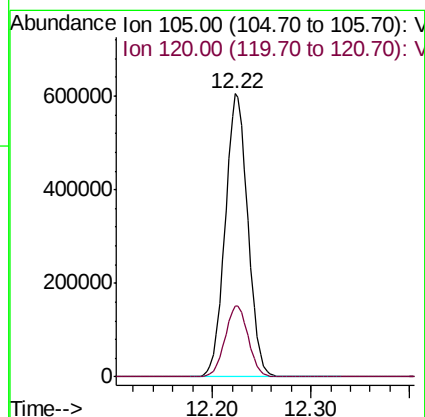
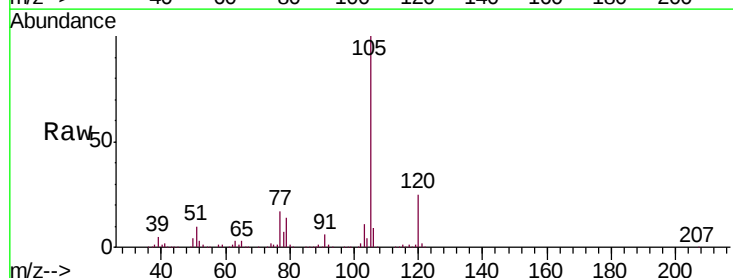
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC100

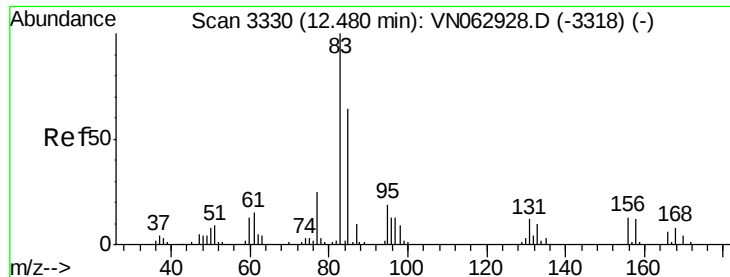
Tgt Ion:104 Resp: 632204
Ion Ratio Lower Upper
104 100
78 55.0 44.4 66.6
103 54.8 44.0 66.0



#70
Isopropylbenzene
Concen: 101.723 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

Tgt Ion:105 Resp: 976141
Ion Ratio Lower Upper
105 100
120 25.7 18.0 33.4

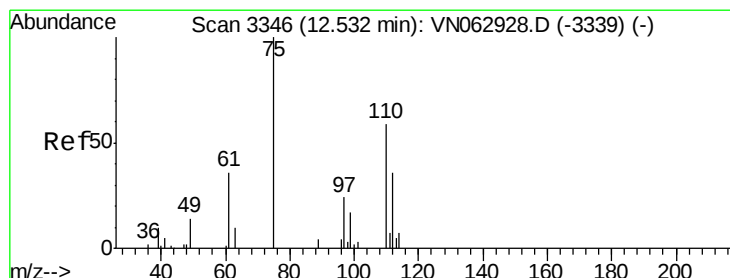
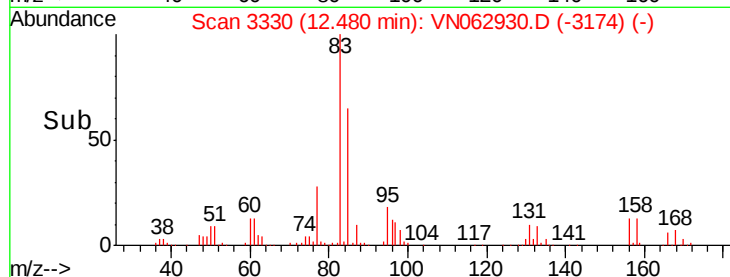
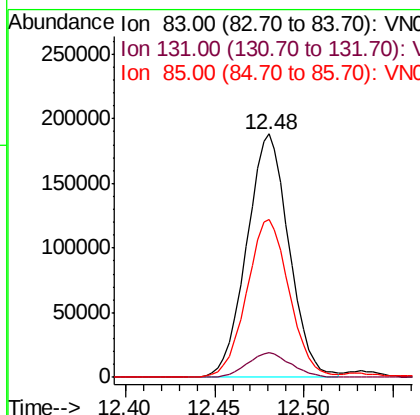
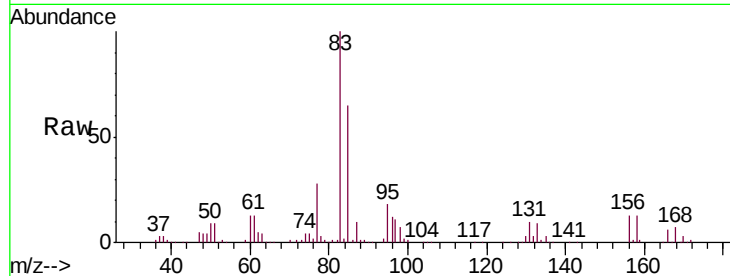




#71
 1,1,2,2-Tetrachloroethane
 Concen: 100.260 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

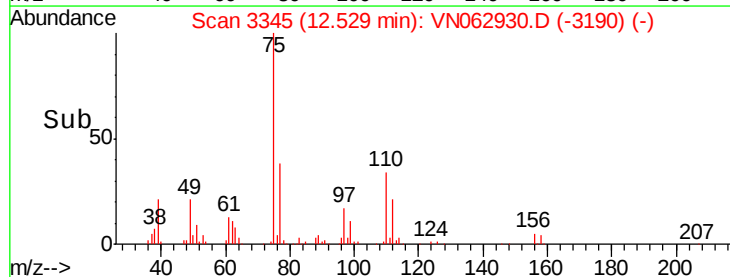
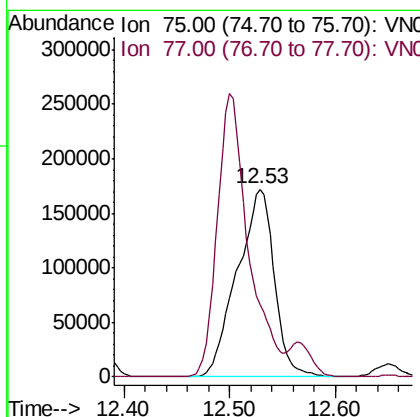
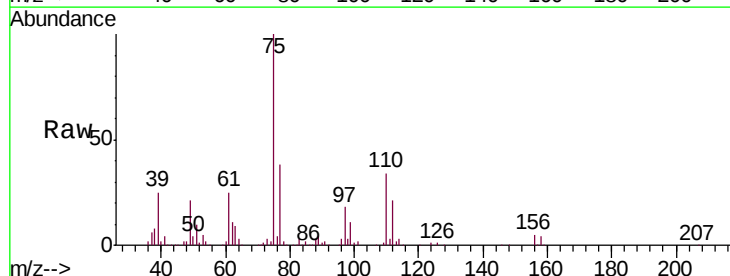
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC100

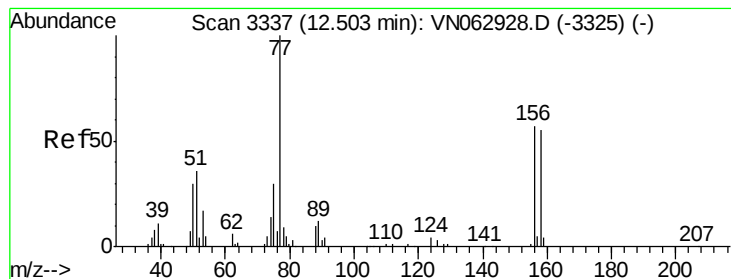
Tgt Ion: 83 Resp: 312288
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.5 16.4
 85 65.0 31.7 95.1



#72
 1,2,3-Trichloropropane
 Concen: 136.711 ug/l
 RT: 12.53 min Scan# 3346
 Delta R.T. -0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

Tgt Ion: 75 Resp: 420708
 Ion Ratio Lower Upper
 75 100
 77 126.7 0.0 313.0





#73

Bromobenzene

Concen: 103.415 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC100

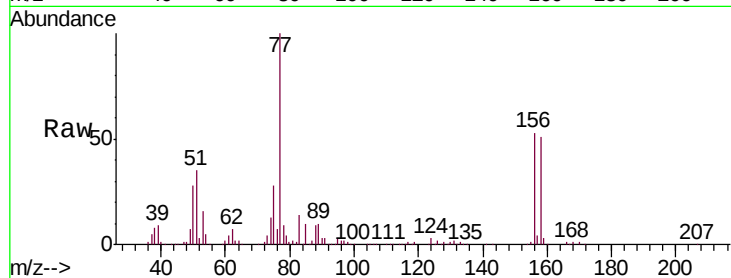
Tgt Ion:156 Resp: 232847

Ion Ratio Lower Upper

156 100

77 228.9 0.0 448.4

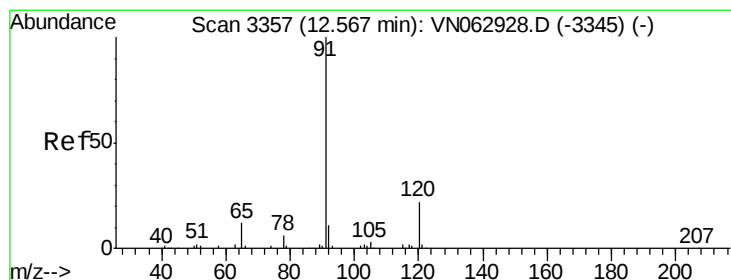
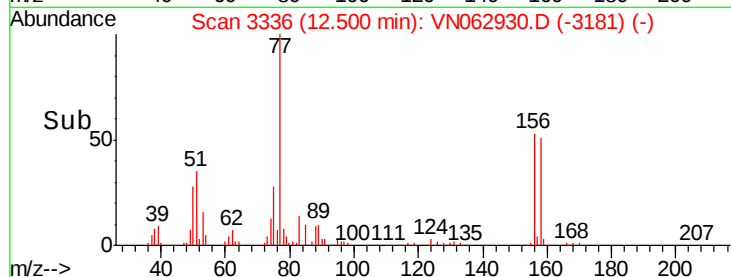
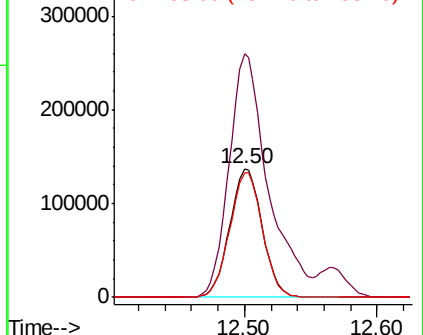
158 97.8 0.0 195.0



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: 102.132 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062930.D

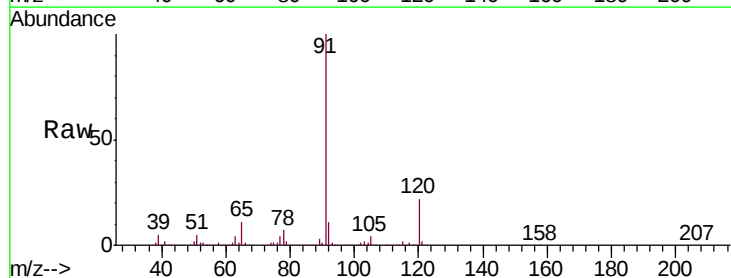
Acq: 13 Aug 2020 23:45

Tgt Ion: 91 Resp: 1158750

Ion Ratio Lower Upper

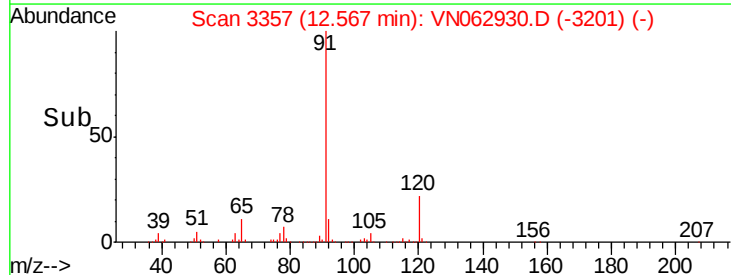
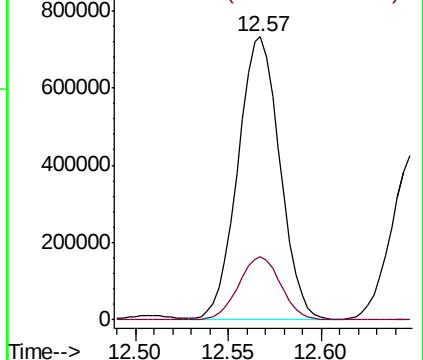
91 100

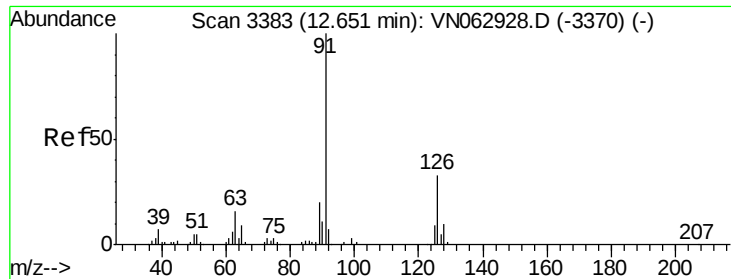
120 22.4 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 102.497 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

MSVOA_L

ClientSampleId :

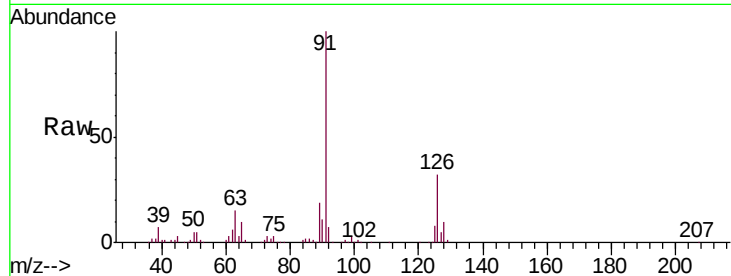
VSTDIC100

Tgt Ion: 91 Resp: 707547

Ion Ratio Lower Upper

91 100

126 31.5 0.0 63.0



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

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

600000

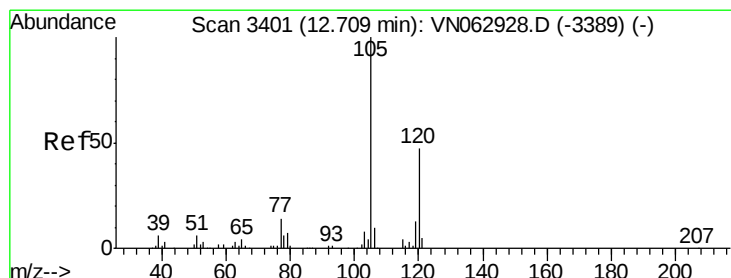
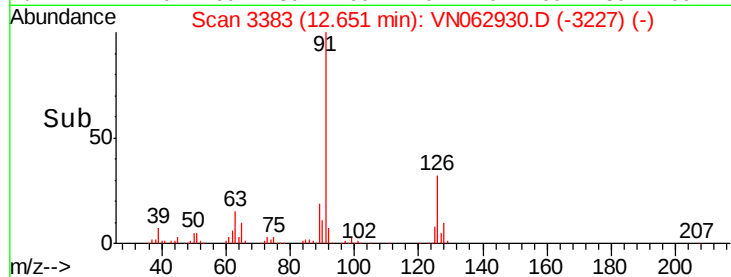
400000

200000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 107.667 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062930.D

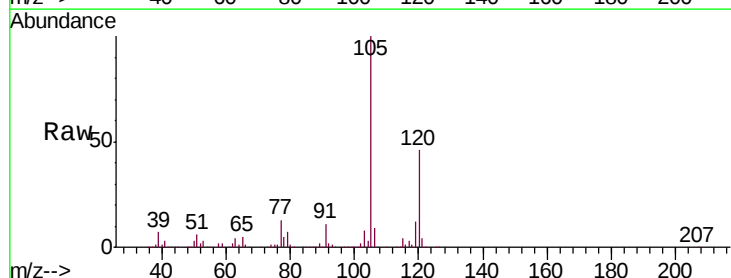
Acq: 13 Aug 2020 23:45

Tgt Ion: 105 Resp: 889010

Ion Ratio Lower Upper

105 100

120 45.9 0.0 92.4



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

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

600000

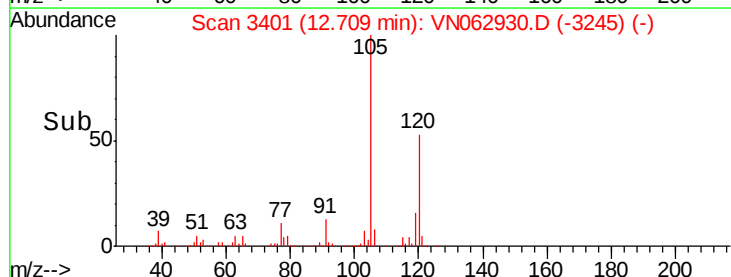
400000

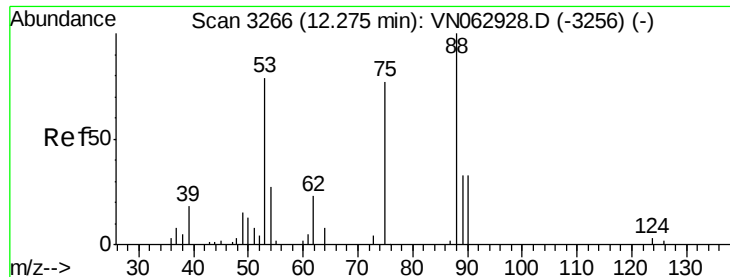
200000

0

12.60 12.70 12.80

Time-->

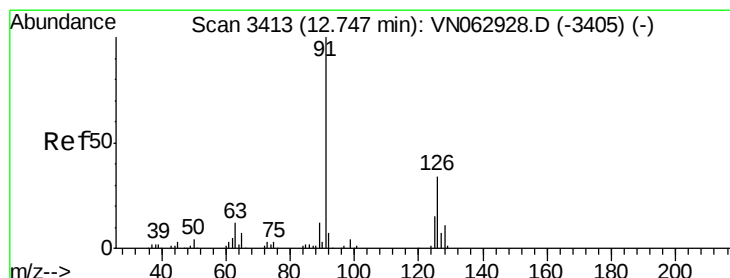
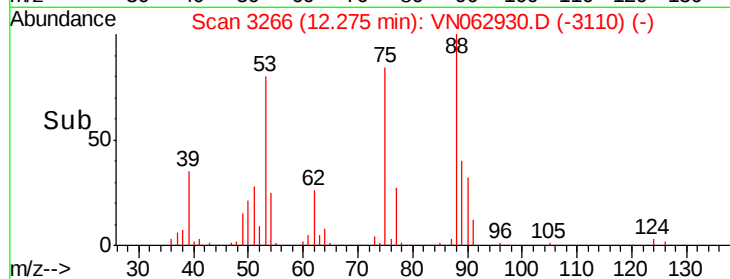
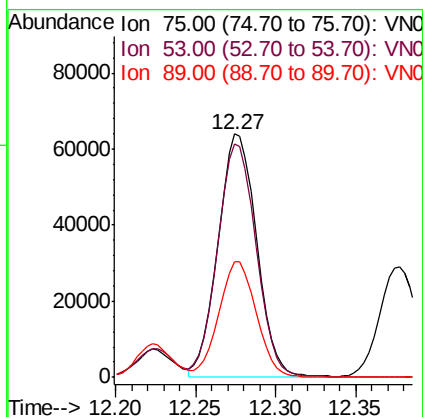
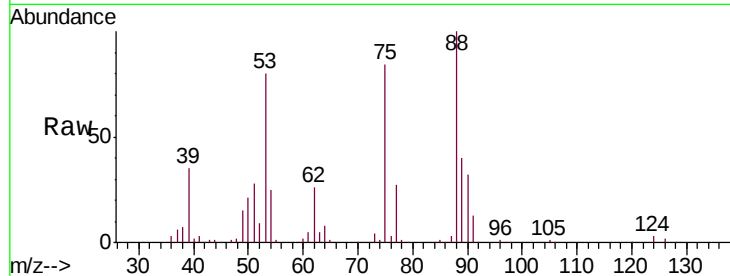




#77
t-1,4-Dichloro-2-butene
Concen: 96.190 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

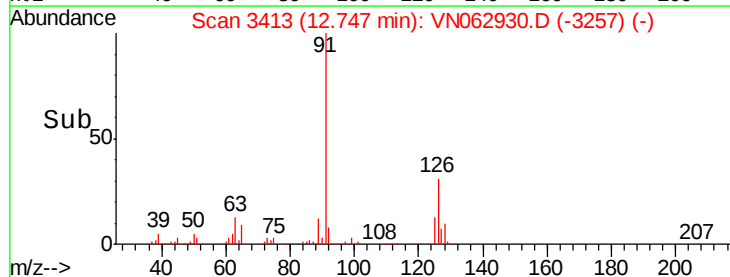
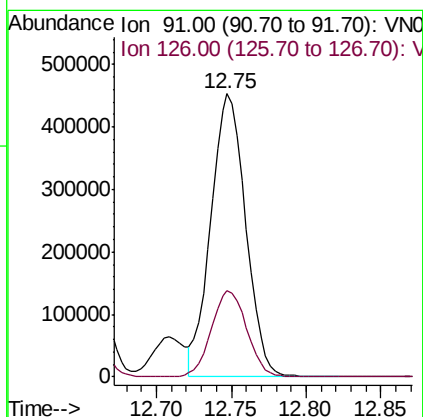
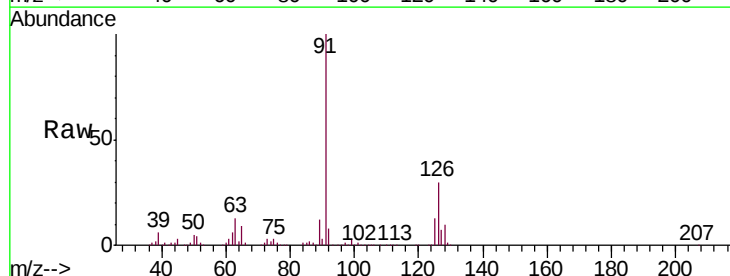
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC100

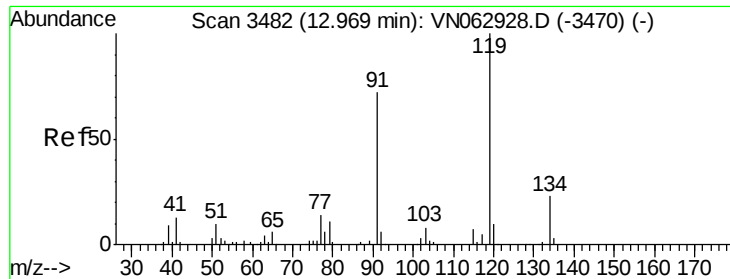
Tgt Ion: 75 Resp: 105836
Ion Ratio Lower Upper
75 100
53 96.0 52.3 157.1
89 47.6 23.4 70.3



#78
4-Chlorotoluene
Concen: 104.481 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

Tgt Ion: 91 Resp: 733787
Ion Ratio Lower Upper
91 100
126 31.2 0.0 63.0





#79

tert-butylbenzene

Concen: 108.040 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. 0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC100

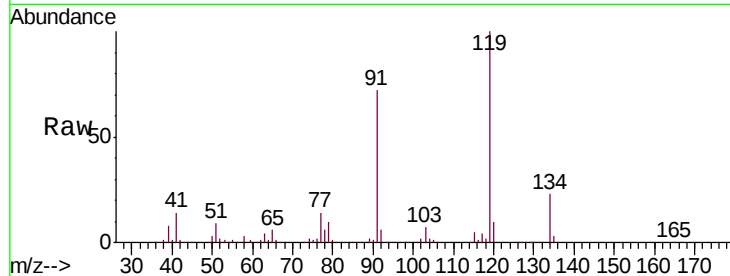
Tgt Ion:119 Resp: 736077

Ion Ratio Lower Upper

119 100

91 70.3 0.0 145.0

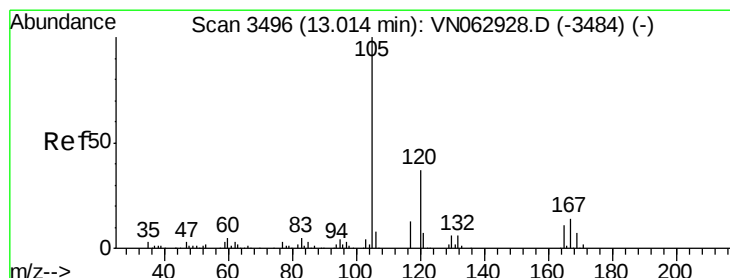
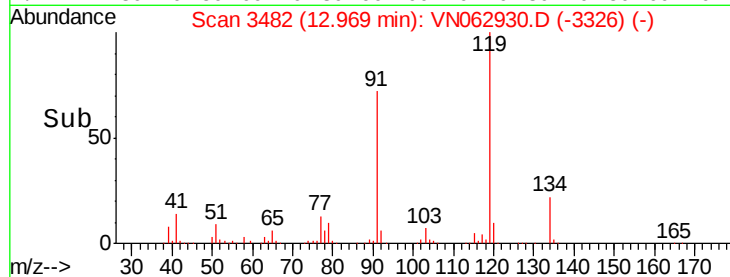
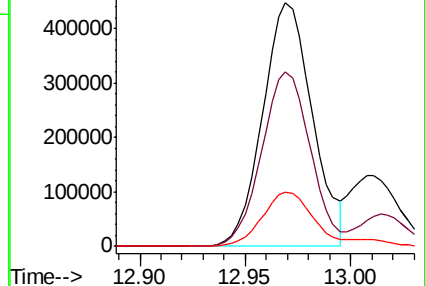
134 22.5 0.0 44.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 109.858 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. 0.00 min

Lab File: VN062930.D

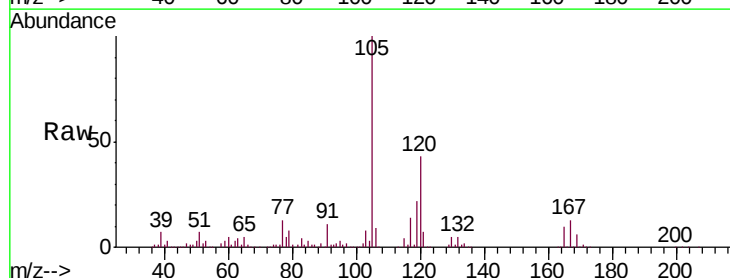
Acq: 13 Aug 2020 23:45

Tgt Ion:105 Resp: 887686

Ion Ratio Lower Upper

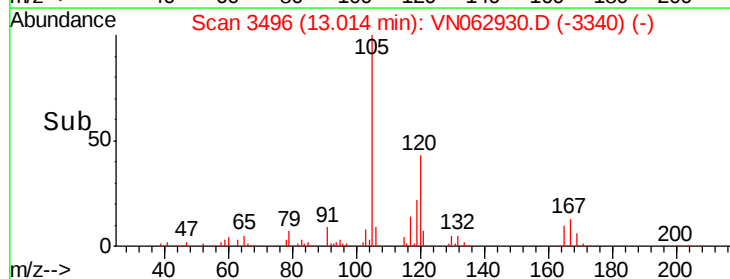
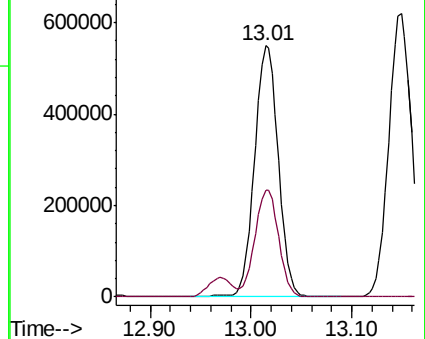
105 100

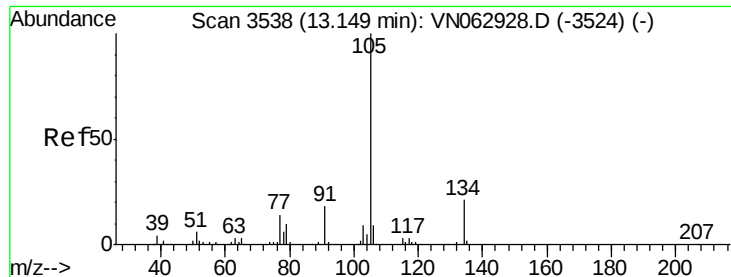
120 42.6 0.0 86.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

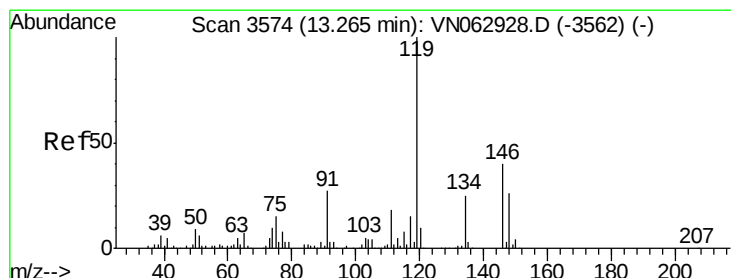
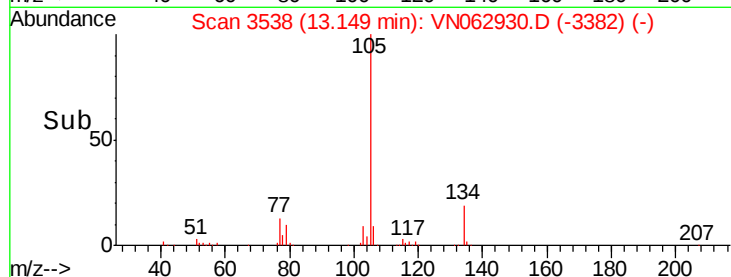
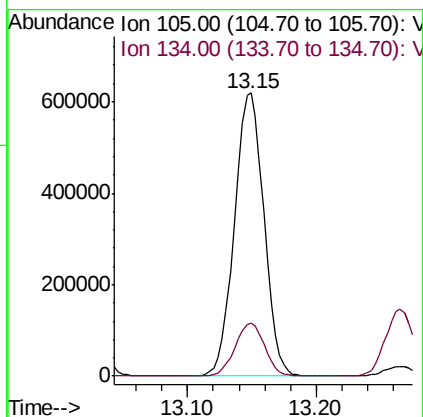
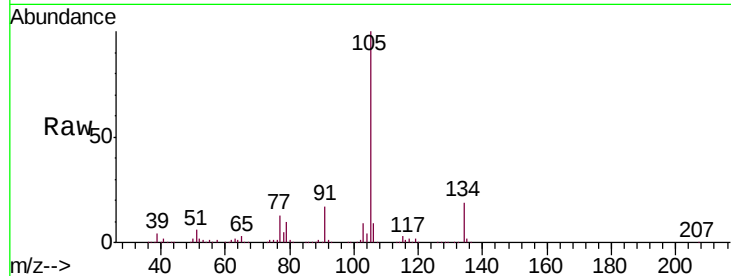




#81
 sec-Butylbenzene
 Concen: 107.457 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

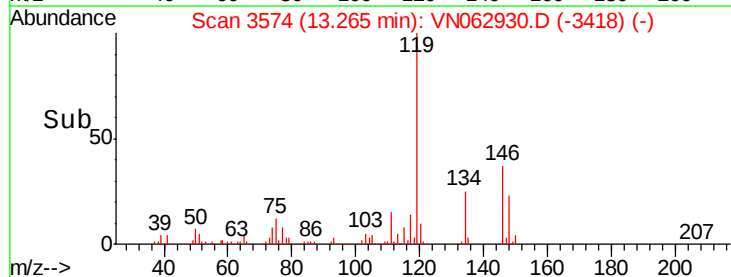
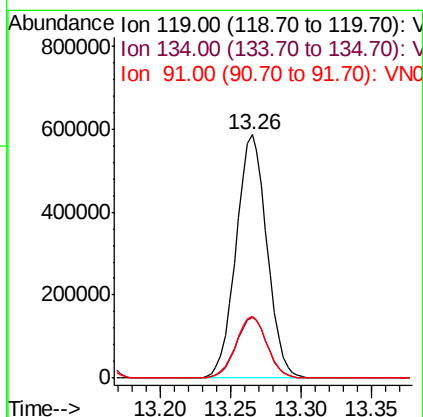
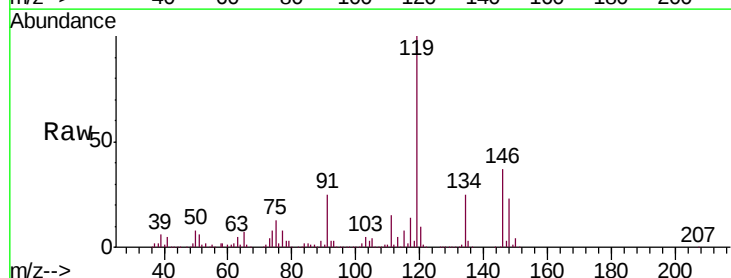
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC100

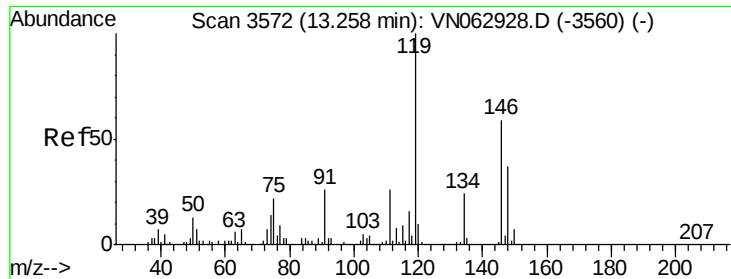
Tgt Ion:105 Resp: 980494
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 111.261 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

Tgt Ion:119 Resp: 897675
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 49.6
 91 25.5 0.0 53.6

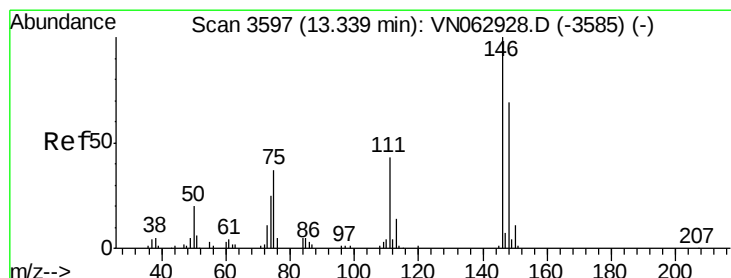
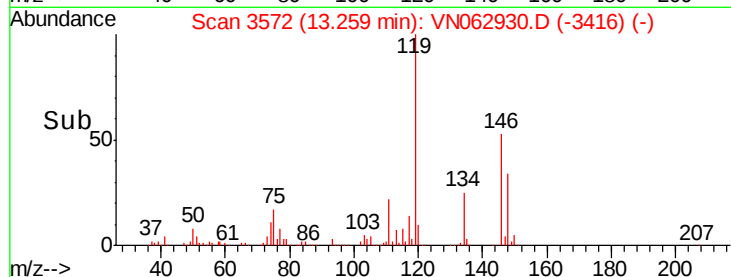
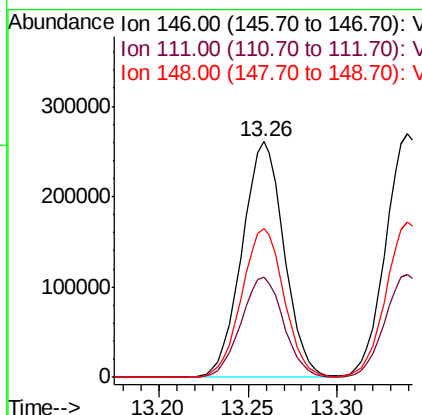
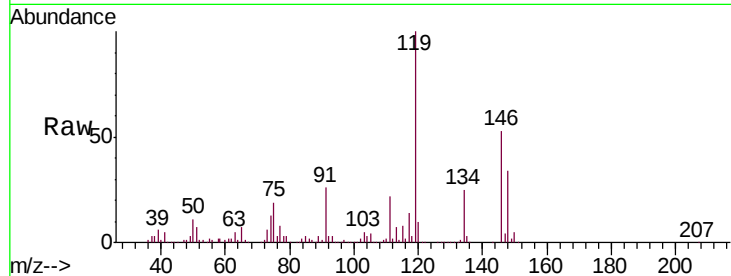




#83
 1,3-Dichlorobenzene
 Concen: 109.513 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

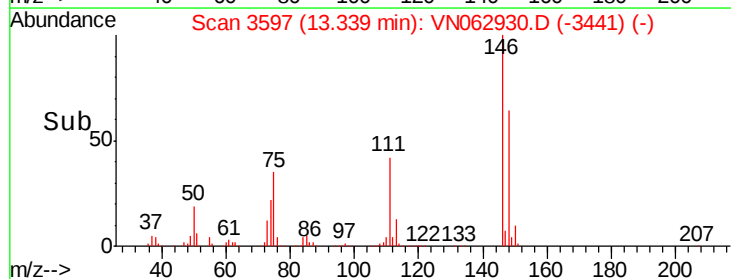
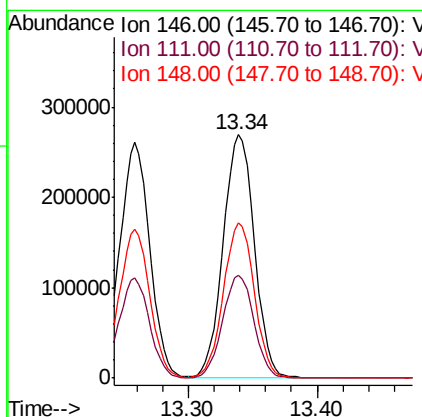
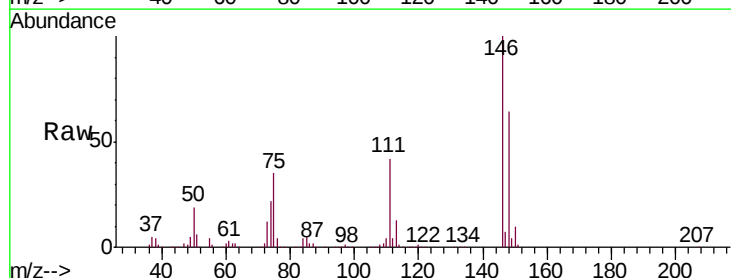
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC100

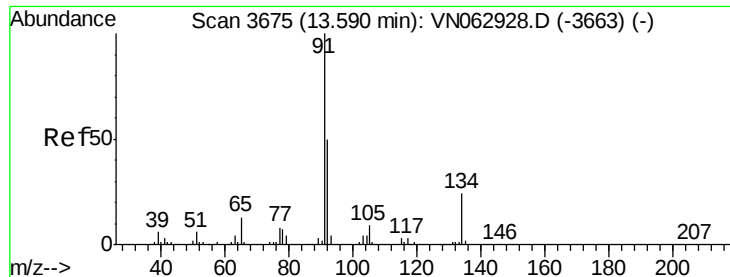
Tgt Ion:146 Resp: 428945
 Ion Ratio Lower Upper
 146 100
 111 42.9 22.4 67.2
 148 63.6 31.6 94.7



#84
 1,4-Dichlorobenzene
 Concen: 117.204 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

Tgt Ion:146 Resp: 452026
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.6 64.8
 148 62.8 33.3 99.9

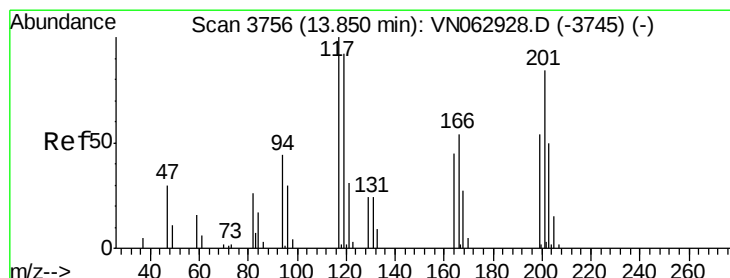
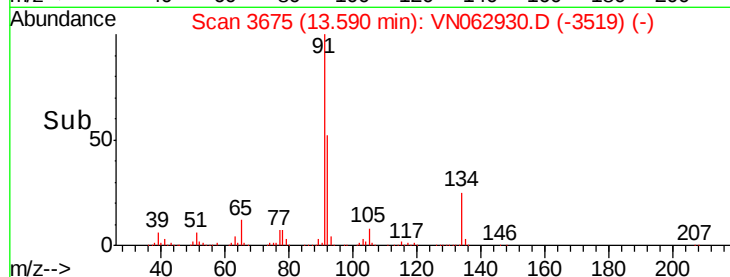
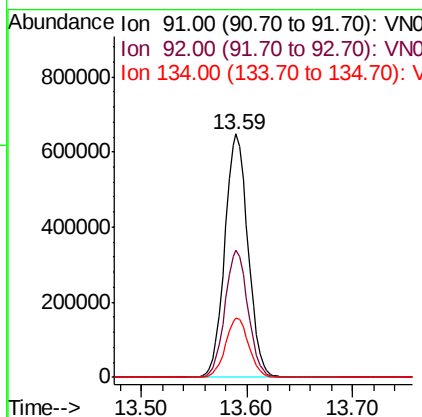
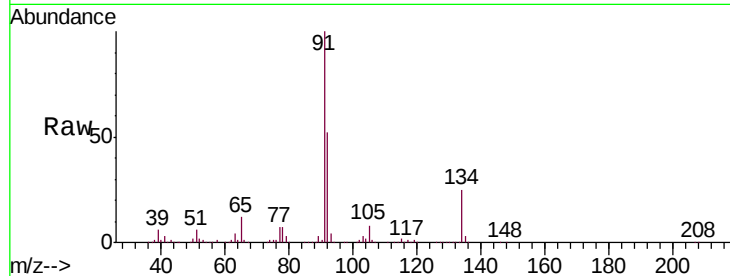




#85
n-Butylbenzene
Concen: 144.360 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

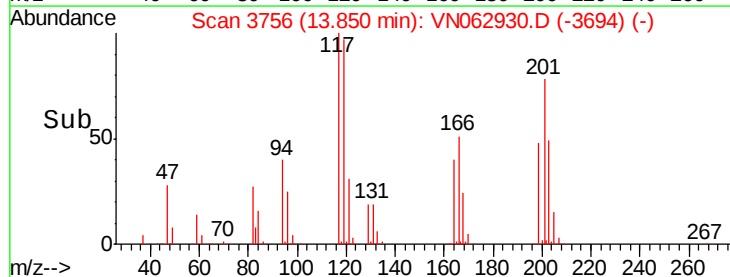
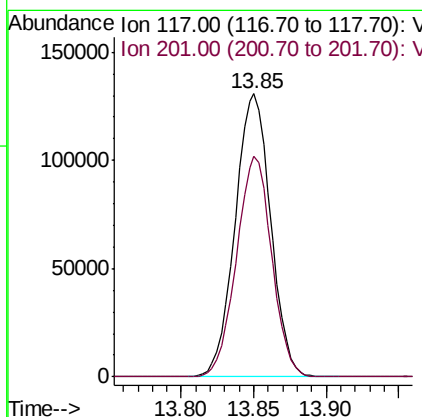
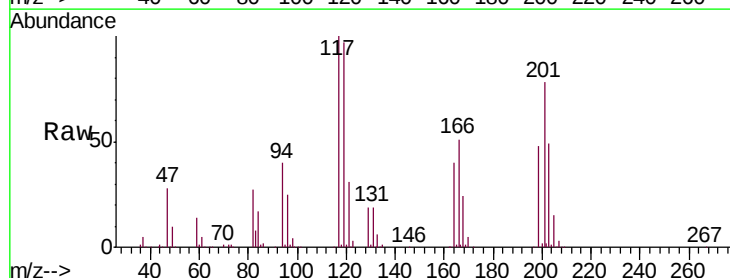
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC100

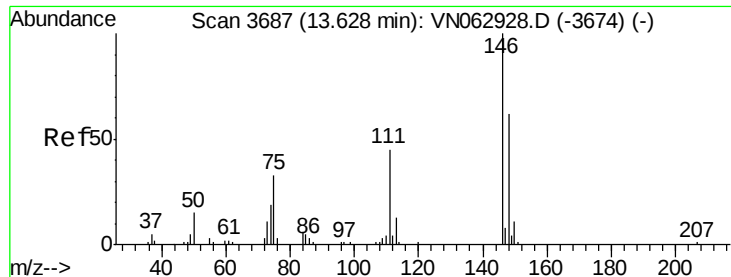
Tgt Ion: 91 Resp: 985148
Ion Ratio Lower Upper
91 100
92 52.1 0.0 97.2
134 24.4 0.0 48.4



#86
Hexachloroethane
Concen: 140.711 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062930.D
Acq: 13 Aug 2020 23:45

Tgt Ion: 117 Resp: 222606
Ion Ratio Lower Upper
117 100
201 77.2 40.9 122.7

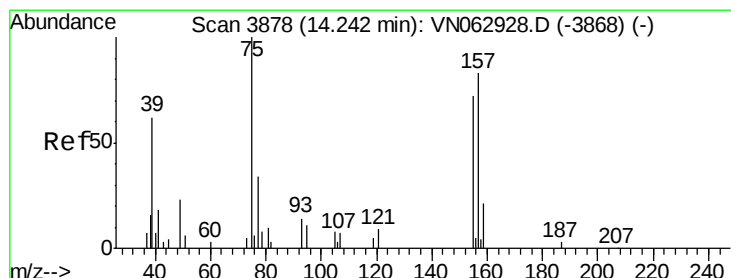
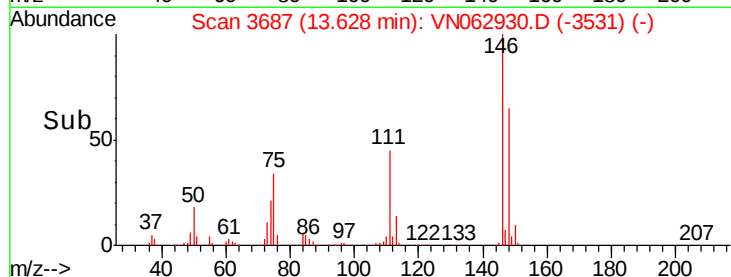
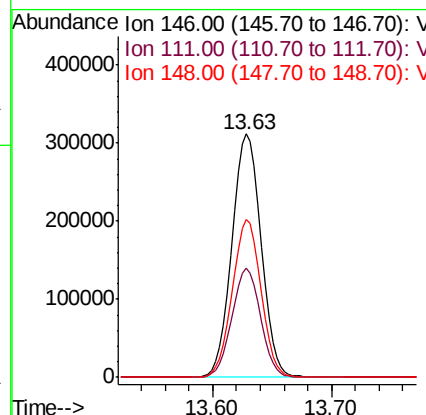
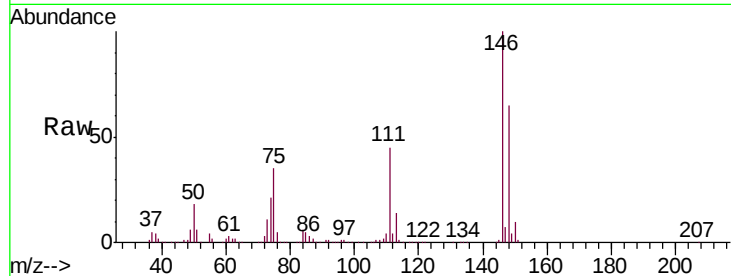




#87
 1,2-Dichlorobenzene
 Concen: 140.712 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

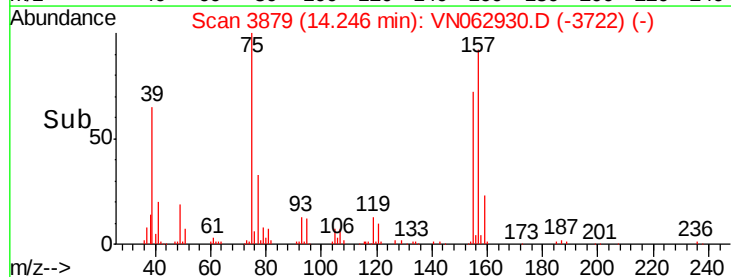
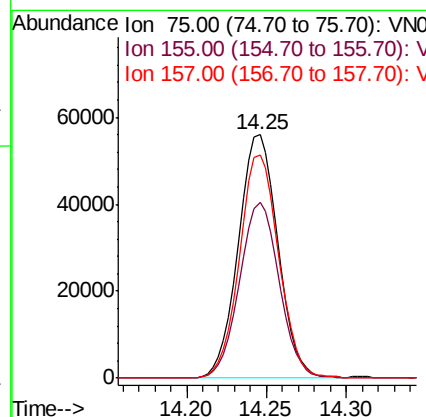
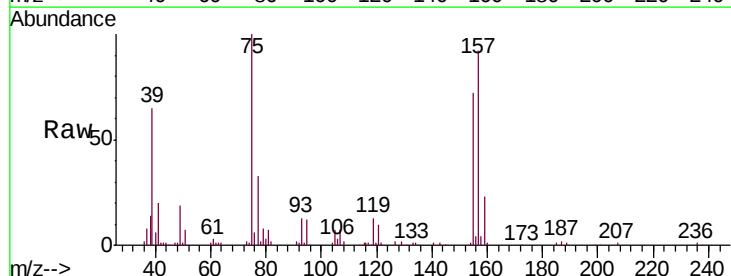
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC100

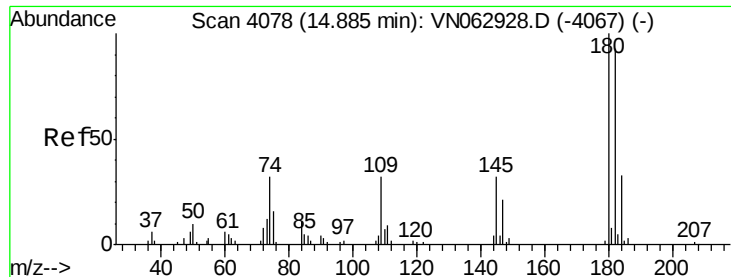
Tgt Ion:146 Resp: 531079
 Ion Ratio Lower Upper
 146 100
 111 44.0 23.3 69.8
 148 63.7 31.3 93.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 159.738 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

Tgt Ion: 75 Resp: 94493
 Ion Ratio Lower Upper
 75 100
 155 72.6 59.8 89.8
 157 90.9 71.6 107.4

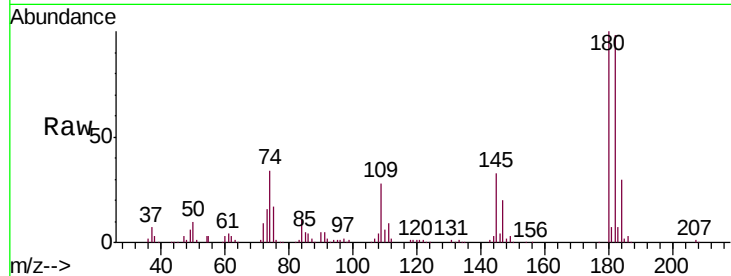




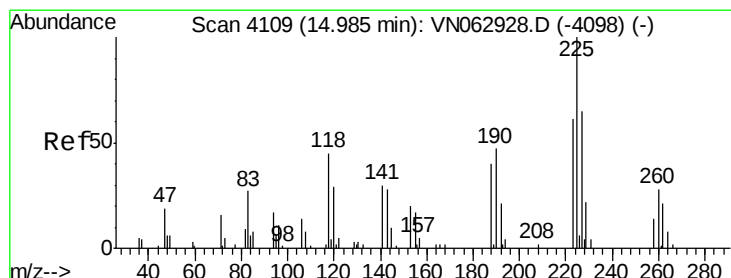
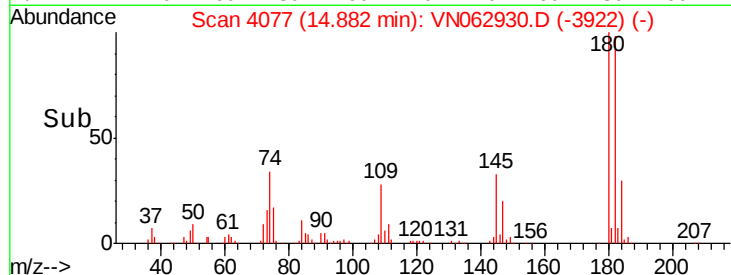
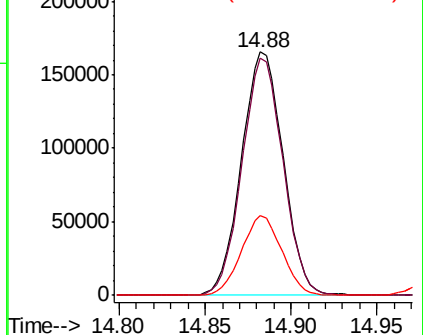
#89
 1,2,4-Trichlorobenzene
 Concen: 151.784 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 278254
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.3 112.9
 145 31.9 25.4 38.2

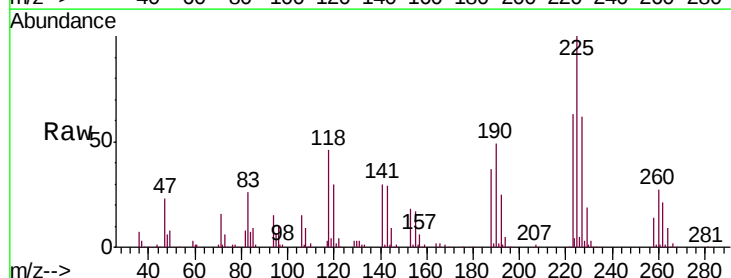


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

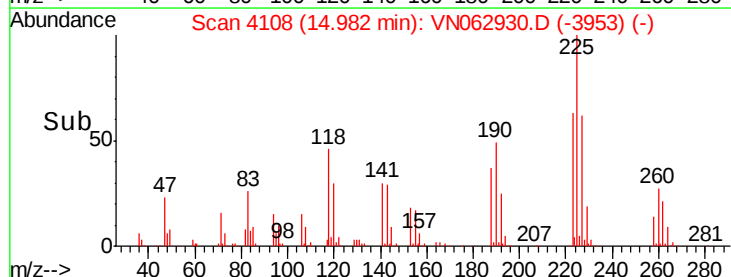
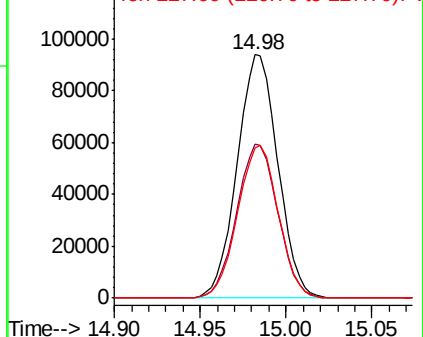


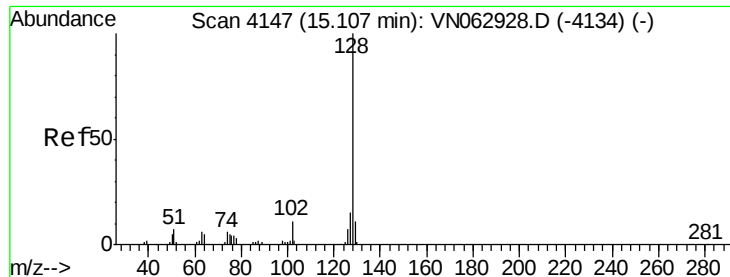
#90
 Hexachlorobutadiene
 Concen: 144.857 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062930.D
 Acq: 13 Aug 2020 23:45

Tgt Ion:225 Resp: 154849
 Ion Ratio Lower Upper
 225 100
 223 63.8 0.0 129.8
 227 62.8 0.0 133.6



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





#91

Naphthalene

Concen: 159.767 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC100

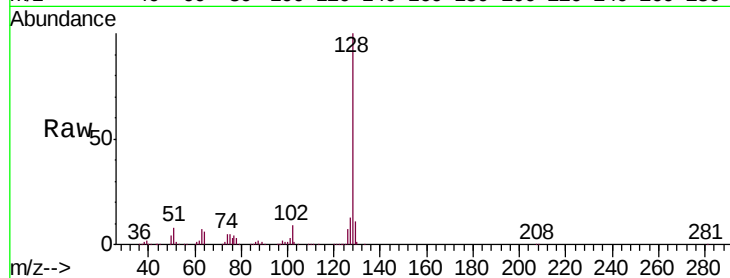
Tgt Ion:128 Resp: 783975

Ion Ratio Lower Upper

128 100

127 12.9 11.6 17.4

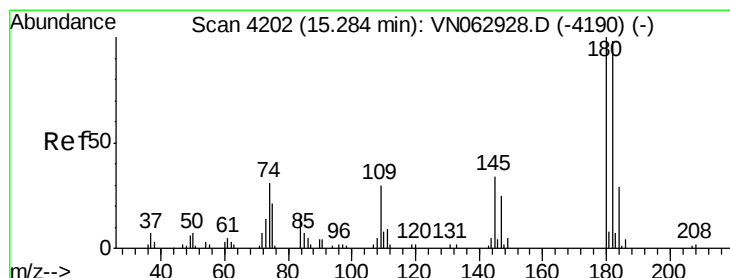
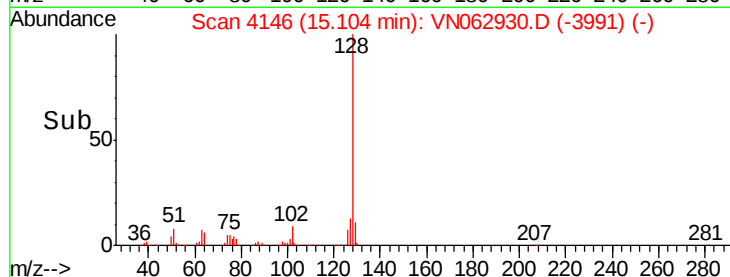
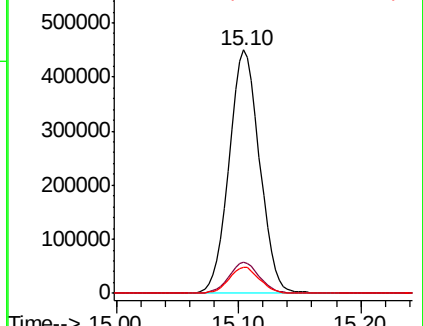
129 10.8 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 146.120 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062930.D

Acq: 13 Aug 2020 23:45

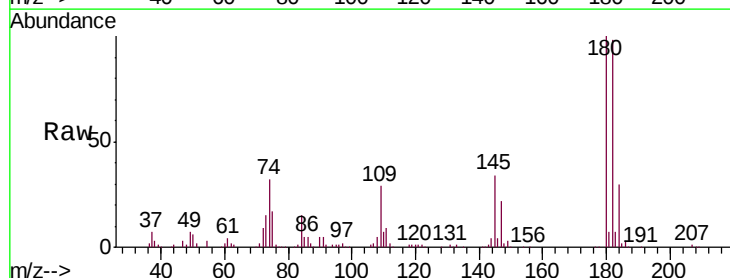
Tgt Ion:180 Resp: 268993

Ion Ratio Lower Upper

180 100

182 95.8 0.0 196.4

145 33.6 0.0 71.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

