

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072862.D
 Acq On : 15 Jun 2022 04:20
 Operator : JC\MD
 Sample : N3329-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PALMYRA-RT-73-COMP-3

Quant Time: Jun 15 07:51:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 04:13:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

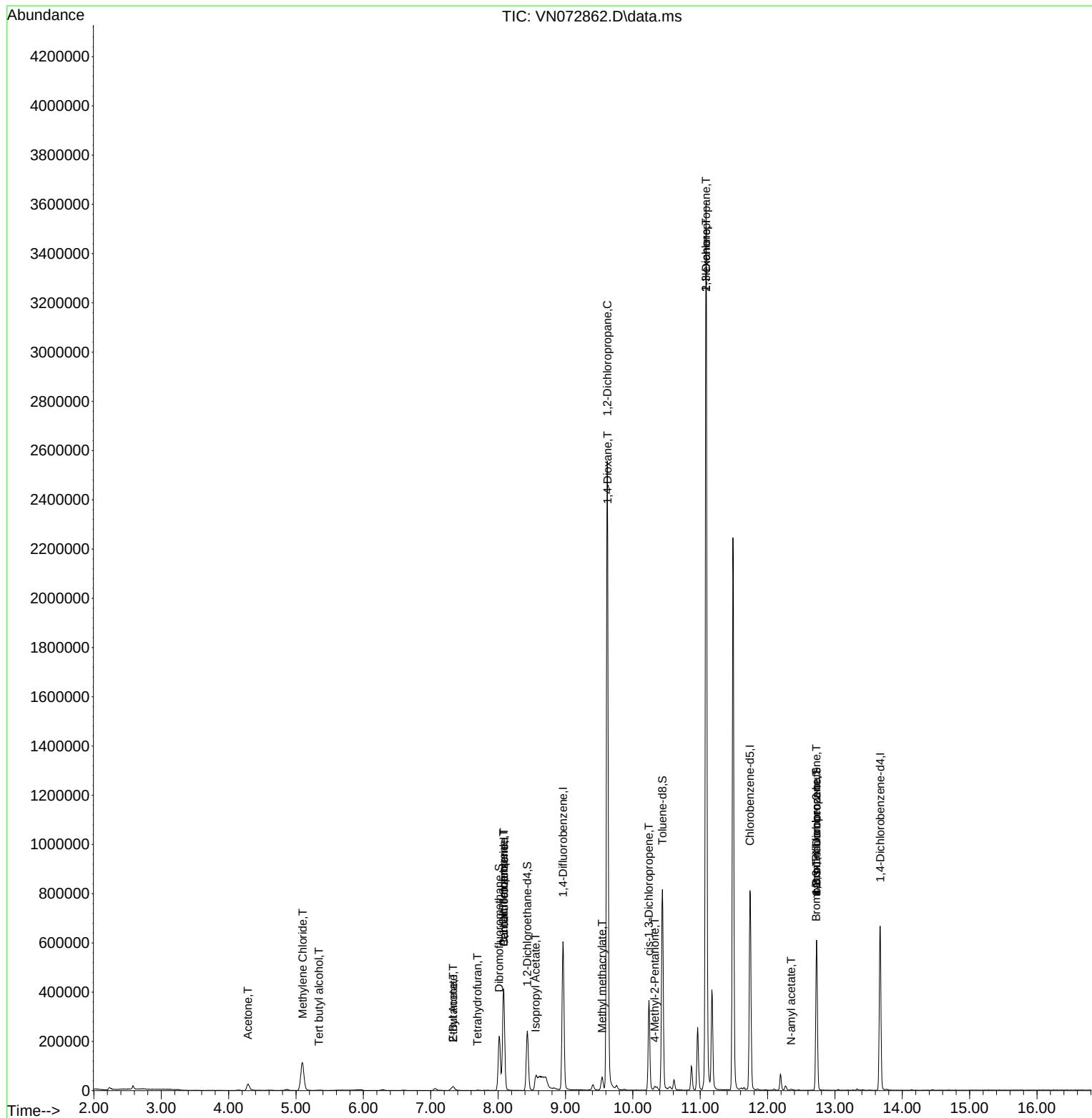
Internal Standards						
1) Pentafluorobenzene	8.086	168	301108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	516818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	461378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	178430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	202626	43.450	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.900%		
35) Dibromofluoromethane	8.016	113	161217	50.384	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.760%		
50) Toluene-d8	10.439	98	552360	43.742	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	87.480%		
62) 4-Bromofluorobenzene	12.727	95	216908	51.171	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.340%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.298	50	548	Below Cal	#	78
6) Chloroethane	2.992	64	534	Below Cal	#	42
11) Tert butyl alcohol	5.339	59	2046	0.362	ug/l #	72
16) Acetone	4.286	43	51580	19.790	ug/l	99
17) Carbon Disulfide	4.528	76	113	Below Cal	#	75
20) Methylene Chloride	5.098	84	88673	25.882	ug/l #	83
25) 2-Butanone	7.333	43	23979	5.806	ug/l #	78
29) Tetrahydrofuran	7.692	42	1848	0.701	ug/l #	40
31) Cyclohexane	8.086	56	7602	Below Cal	#	29
36) 1,1-Dichloropropene	8.080	75	26609	6.227	ug/l #	48
37) Ethyl Acetate	7.333	43	23979	3.326	ug/l #	67
38) Carbon Tetrachloride	8.086	117	32885	7.709	ug/l #	17
43) Isopropyl Acetate	8.557	43	83825	7.891	ug/l #	73
45) 1,2-Dichloropropane	9.621	63	3233	0.860	ug/l #	44
48) Methyl methacrylate	9.545	41	15193	3.000	ug/l #	10
49) 1,4-Dioxane	9.627	88	236	2.298	ug/l #	1
51) 4-Methyl-2-Pentanone	10.327	43	11407	1.567	ug/l #	86
54) cis-1,3-Dichloropropene	10.239	75	64099	11.832	ug/l #	69
57) 1,3-Dichloropropane	11.086	76	37440	5.750	ug/l #	42
59) 2-Hexanone	11.086	43	612009	111.958	ug/l #	44
71) Bromoform	12.721	173	1292	0.514	ug/l #	28
74) N-amyl acetate	12.351	43	4185	0.529	ug/l #	40
76) 1,2,3-Trichloropropane	12.727	75	114767	22.299	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	114767	69.348	ug/l #	10

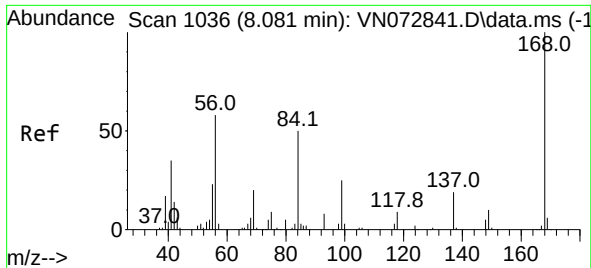
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
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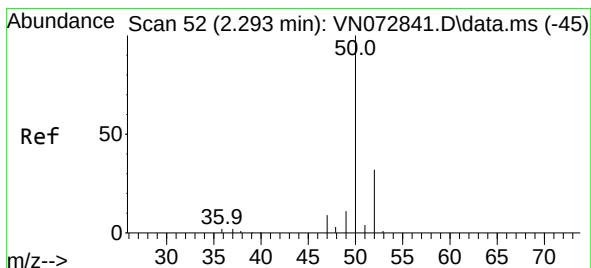
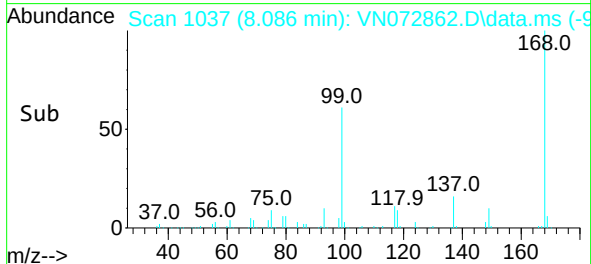
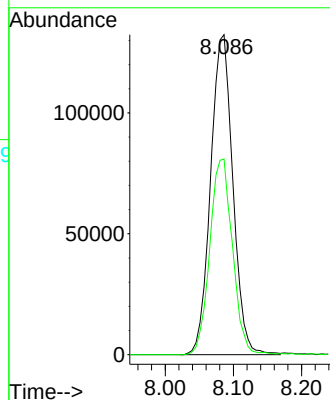
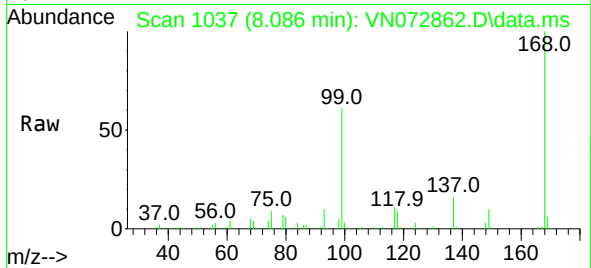




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.005 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

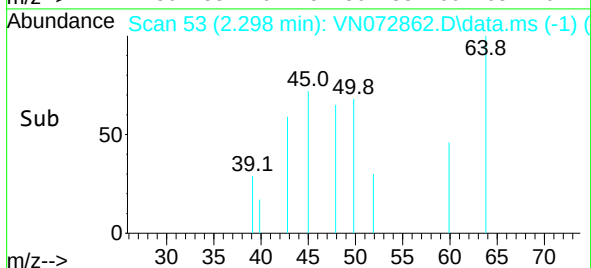
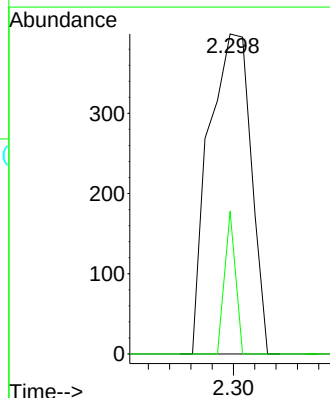
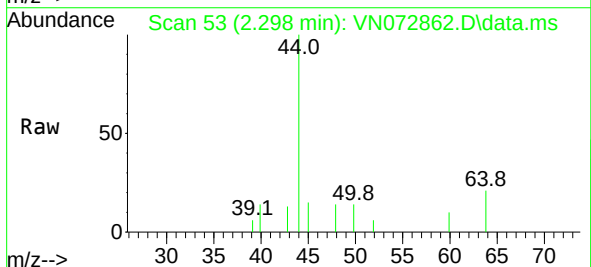
Instrument :
MSVOA_N
ClientSampleId :
PALMYRA-RT-73-COMP-3

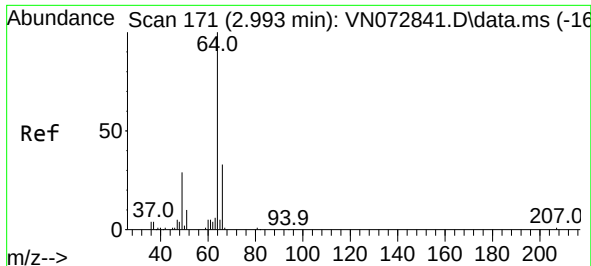
Tgt Ion:168 Resp: 301108
Ion Ratio Lower Upper
168 100
99 61.1 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.298 min Scan# 53
Delta R.T. 0.005 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

Tgt Ion: 50 Resp: 548
Ion Ratio Lower Upper
50 100
52 44.6 25.7 38.5#

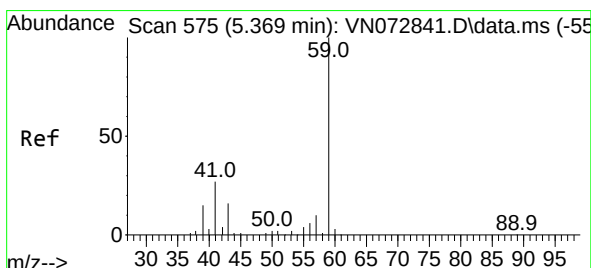
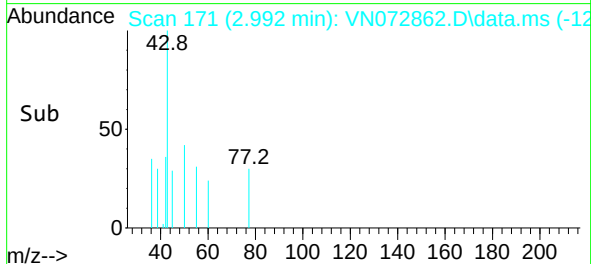
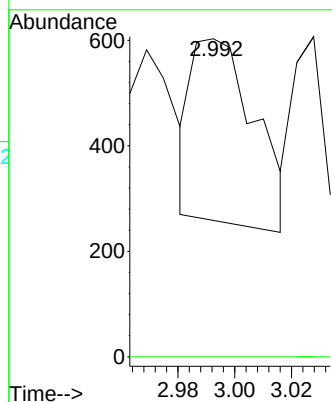
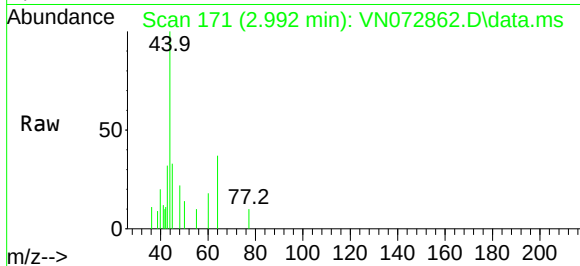




#6
Chloroethane
Concen: Below Cal
RT: 2.992 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

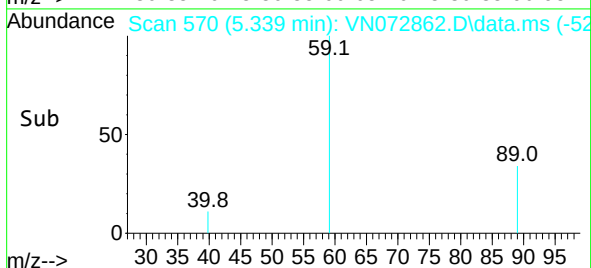
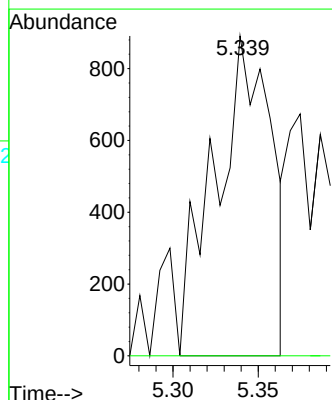
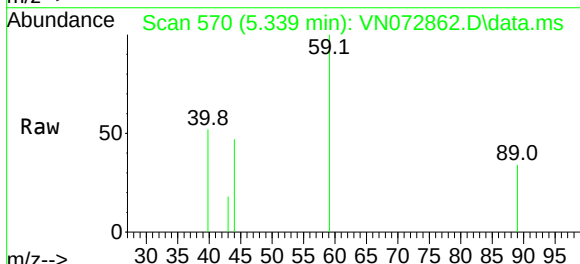
Instrument :
MSVOA_N
ClientSampleId :
PALMYRA-RT-73-COMP-3

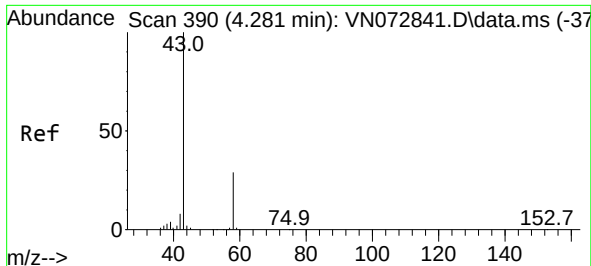
Tgt Ion: 64 Resp: 534
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.362 ug/l
RT: 5.339 min Scan# 570
Delta R.T. -0.030 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

Tgt Ion: 59 Resp: 2046
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 19.790 ug/l

RT: 4.286 min Scan# 391

Delta R.T. 0.005 min

Lab File: VN072862.D

Acq: 15 Jun 2022 04:20

Instrument :

MSVOA_N

ClientSampleId :

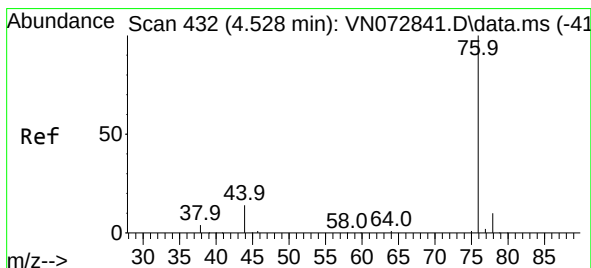
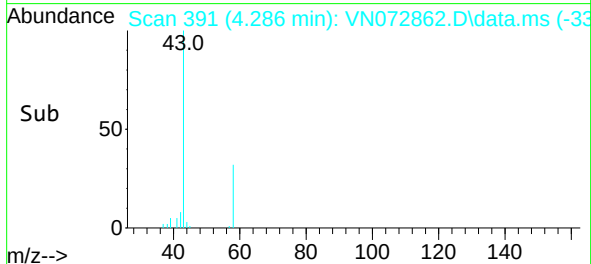
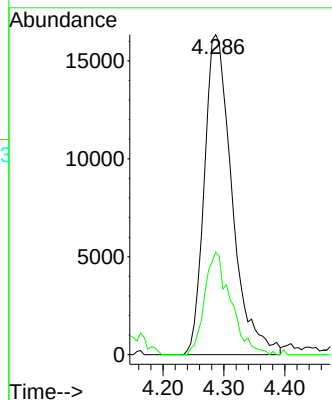
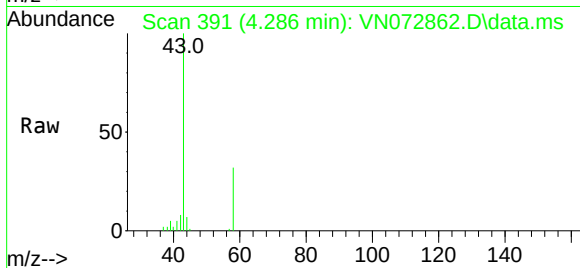
PALMYRA-RT-73-COMP-3

Tgt Ion: 43 Resp: 51580

Ion Ratio Lower Upper

43 100

58 32.1 26.0 39.0



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.528 min Scan# 432

Delta R.T. -0.000 min

Lab File: VN072862.D

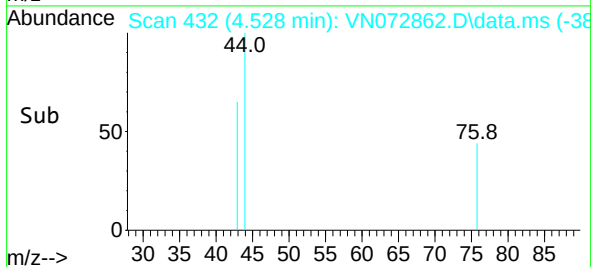
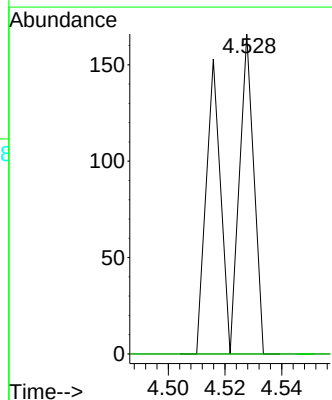
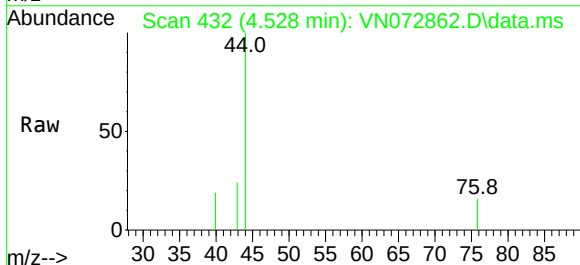
Acq: 15 Jun 2022 04:20

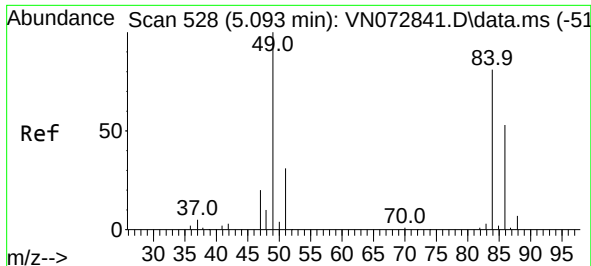
Tgt Ion: 76 Resp: 113

Ion Ratio Lower Upper

76 100

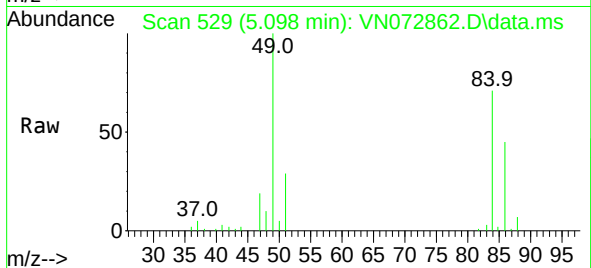
78 0.0 7.2 10.8#



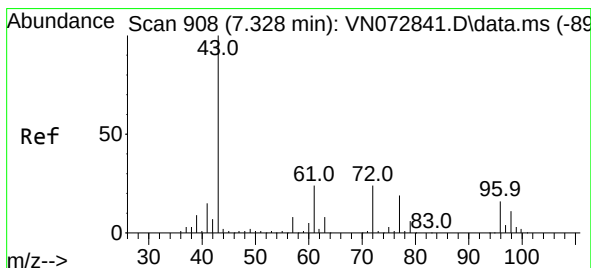
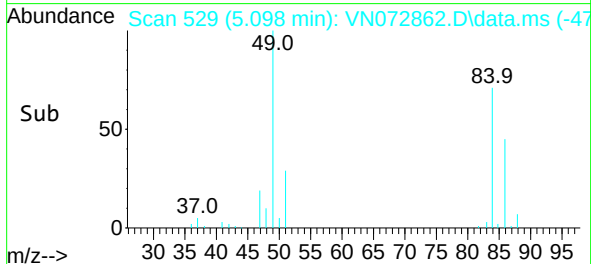
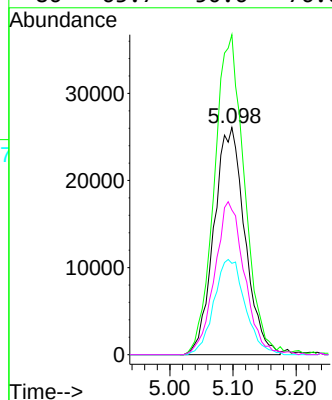


#20
Methylene Chloride
Concen: 25.882 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

Instrument :
MSVOA_N
ClientSampleId :
PALMYRA-RT-73-COMP-3

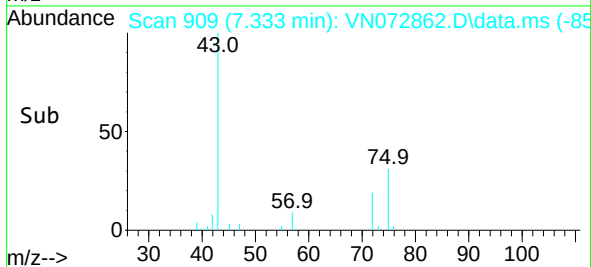
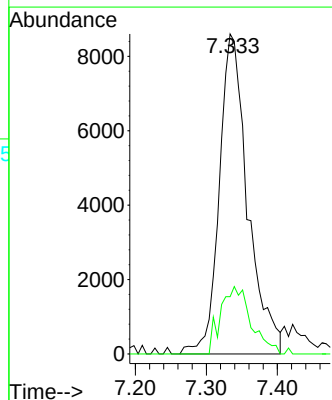
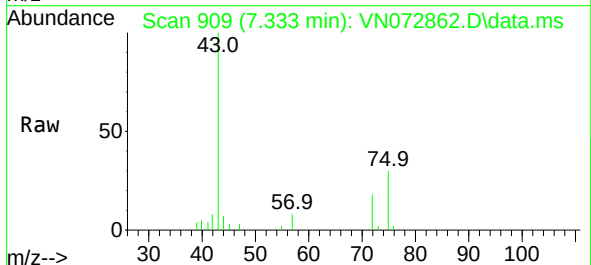


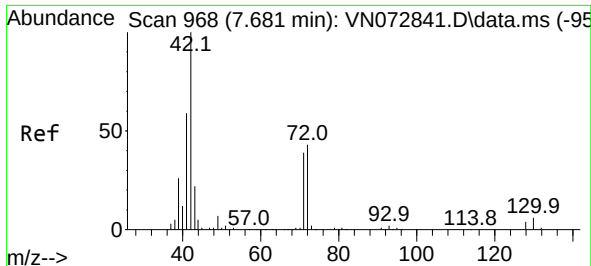
Tgt Ion: 84 Resp: 88673
Ion Ratio Lower Upper
84 100
49 140.8 88.3 132.5#
51 40.2 28.2 42.2
86 63.7 50.6 76.0



#25
2-Butanone
Concen: 5.806 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

Tgt Ion: 43 Resp: 23979
Ion Ratio Lower Upper
43 100
72 17.9 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.701 ug/l

RT: 7.692 min Scan# 91

Delta R.T. 0.011 min

Lab File: VN072862.D

Acq: 15 Jun 2022 04:20

Instrument :

MSVOA_N

ClientSampleId :

PALMYRA-RT-73-COMP-3

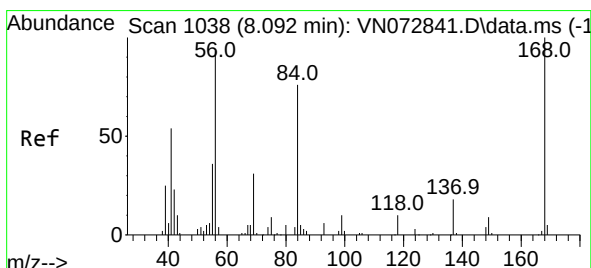
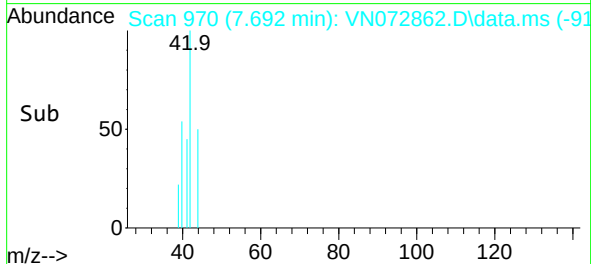
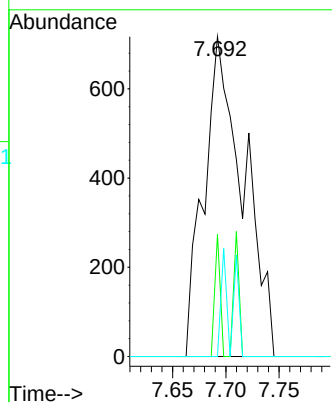
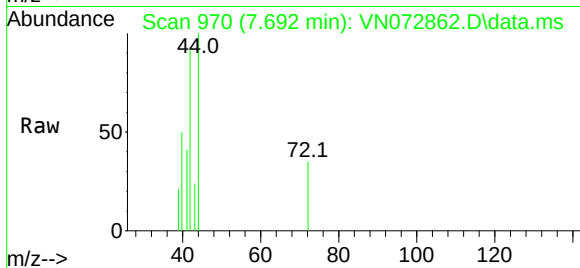
Tgt Ion: 42 Resp: 1848

Ion Ratio Lower Upper

42 100

72 5.2 39.7 59.5#

71 9.0 36.6 55.0#



#31

Cyclohexane

Concen: Below Cal

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN072862.D

Acq: 15 Jun 2022 04:20

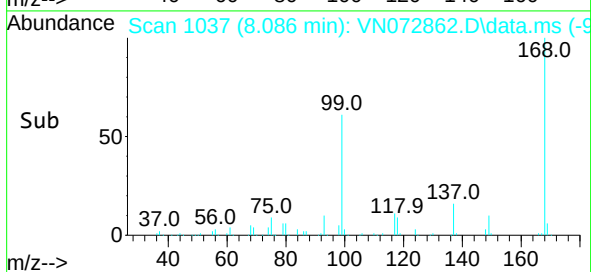
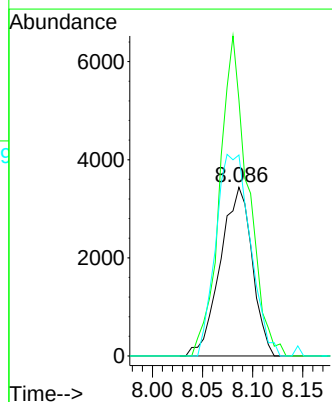
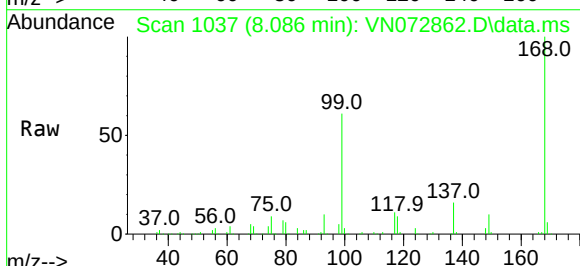
Tgt Ion: 56 Resp: 7602

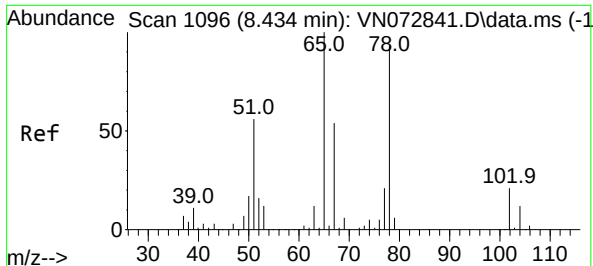
Ion Ratio Lower Upper

56 100

69 151.9 27.8 41.8#

84 119.1 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 43.450 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072862.D

Acq: 15 Jun 2022 04:20

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ClientSampleId :

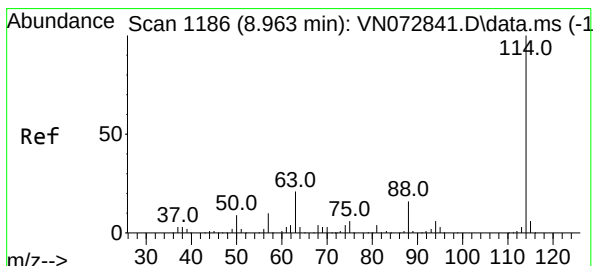
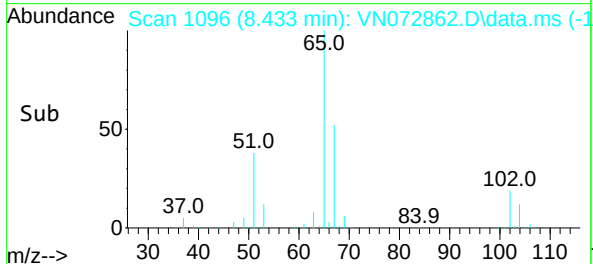
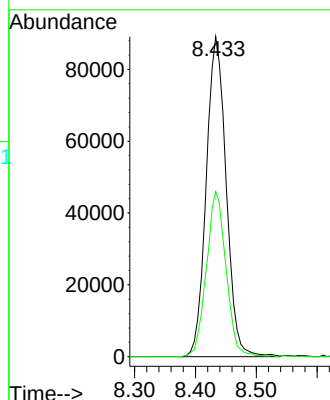
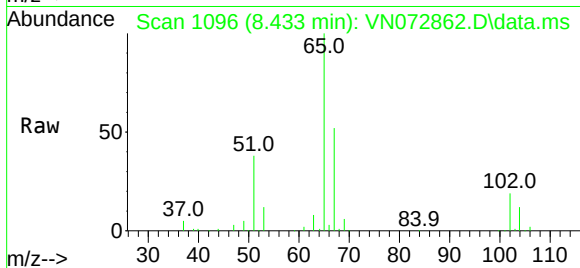
PALMYRA-RT-73-COMP-3

Tgt Ion: 65 Resp: 202626

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072862.D

Acq: 15 Jun 2022 04:20

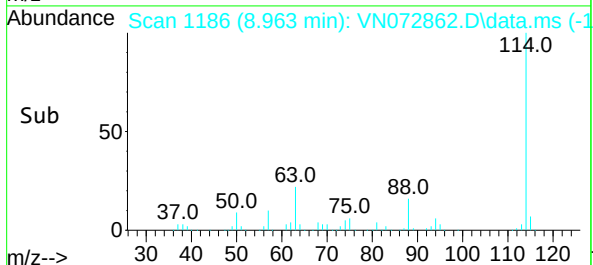
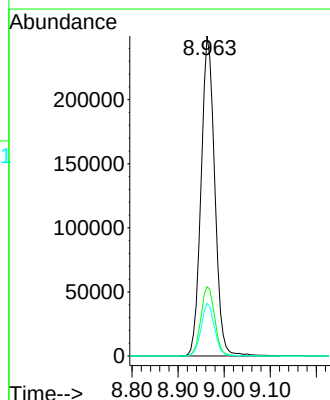
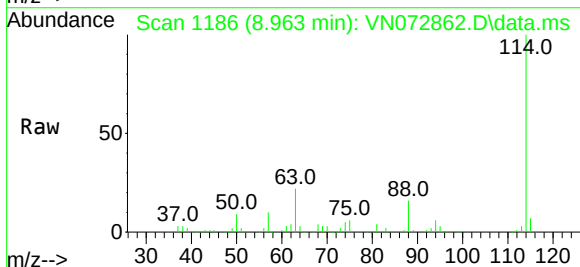
Tgt Ion: 114 Resp: 516818

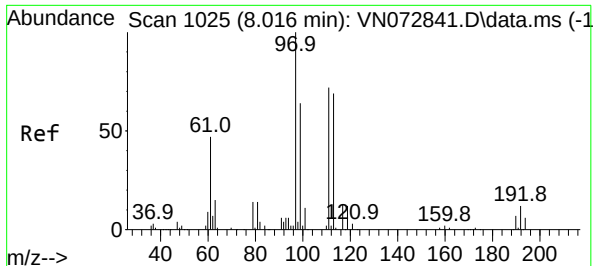
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.384 ug/l

RT: 8.016 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VN072862.D

Acq: 15 Jun 2022 04:20

Instrument :

MSVOA_N

ClientSampleId :

PALMYRA-RT-73-COMP-3

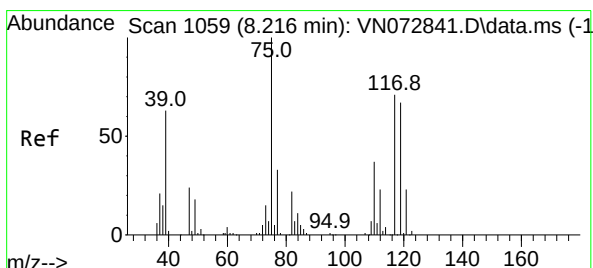
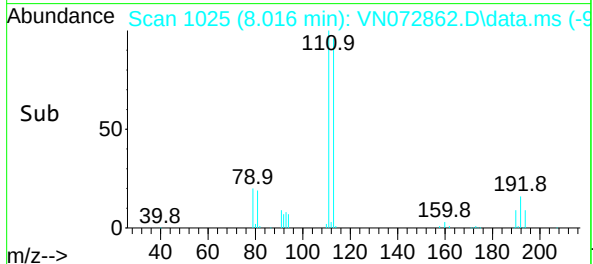
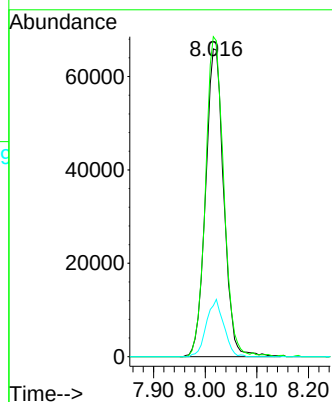
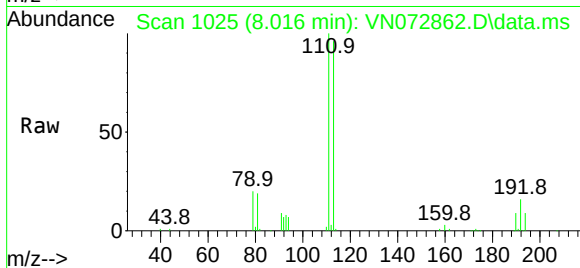
Tgt Ion:113 Resp: 161217

Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

192 17.8 17.0 25.6



#36

1,1-Dichloropropene

Concen: 6.227 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.136 min

Lab File: VN072862.D

Acq: 15 Jun 2022 04:20

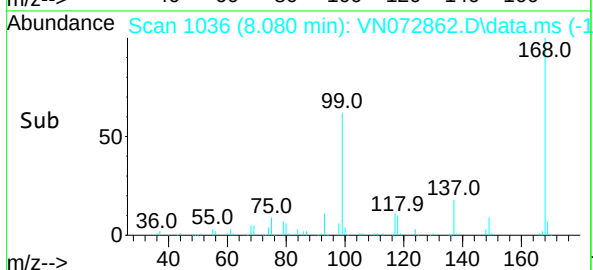
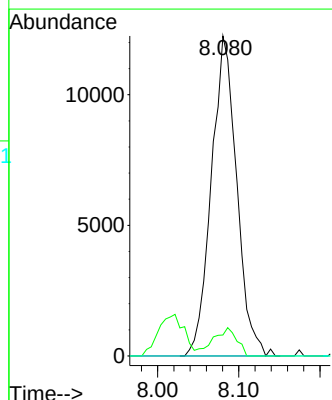
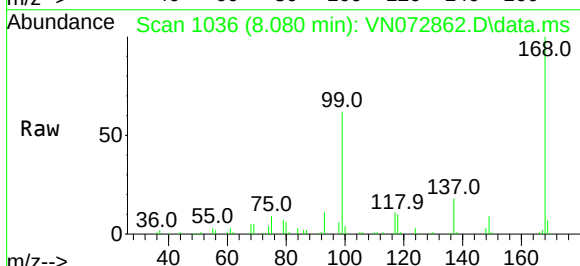
Tgt Ion: 75 Resp: 26609

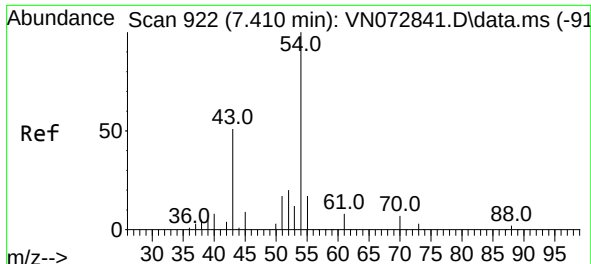
Ion Ratio Lower Upper

75 100

110 7.9 18.3 54.8#

77 0.0 25.1 37.7#

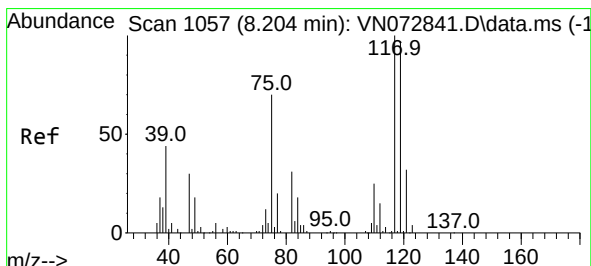
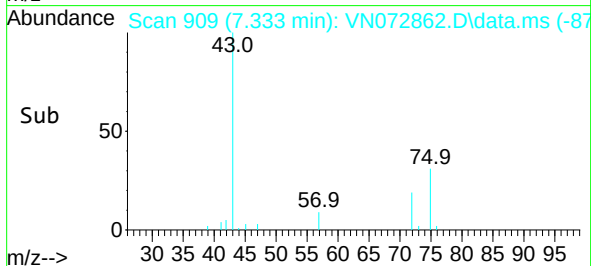
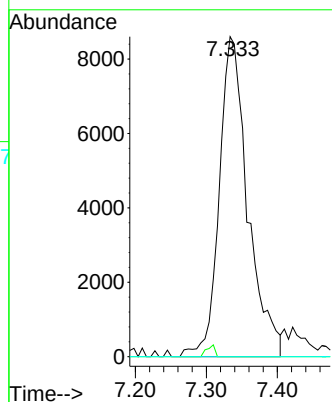
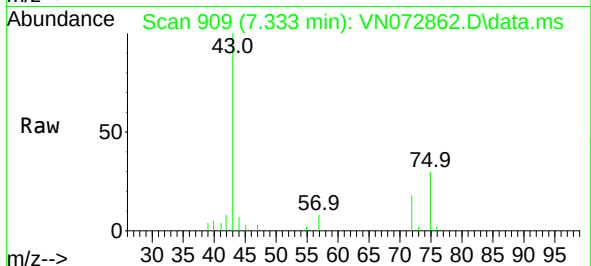




#37
Ethyl Acetate
Concen: 3.326 ug/l
RT: 7.333 min Scan# 90
Delta R.T. -0.077 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

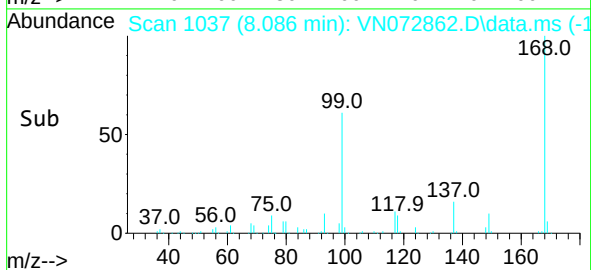
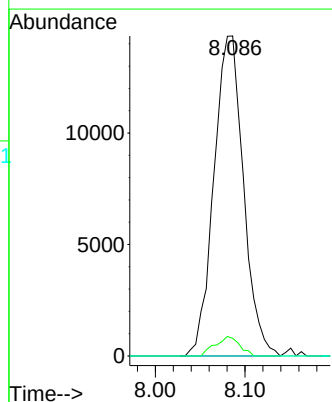
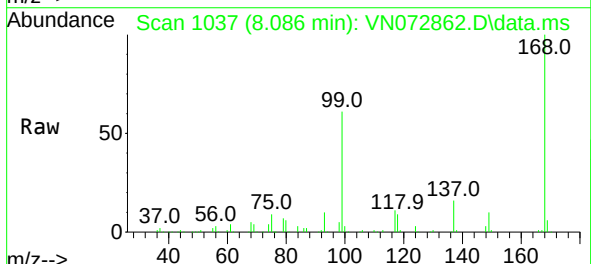
Instrument :
MSVOA_N
ClientSampleId :
PALMYRA-RT-73-COMP-3

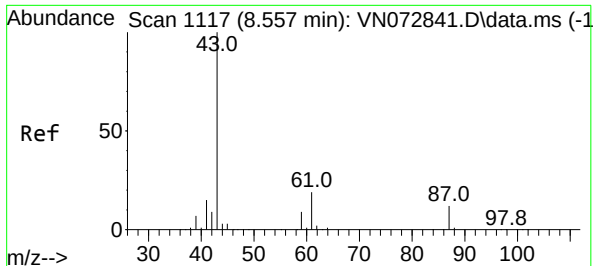
Tgt Ion: 43 Resp: 23979
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 7.709 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.118 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

Tgt Ion: 117 Resp: 32885
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.8#
121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 7.891 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN072862.D

Acq: 15 Jun 2022 04:20

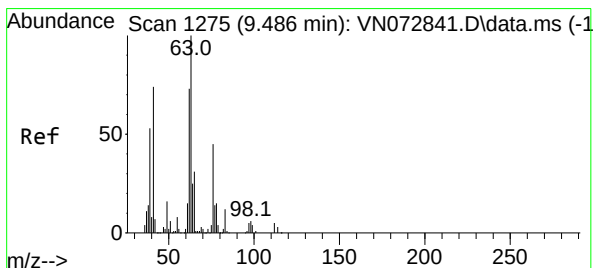
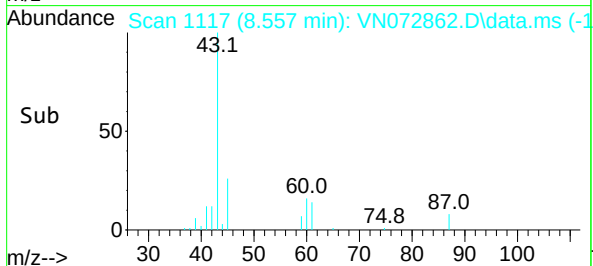
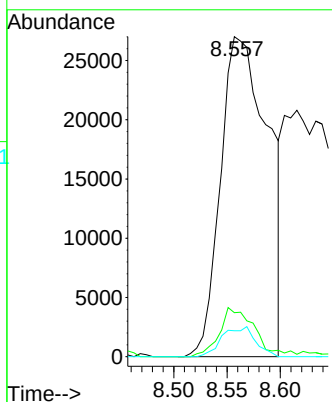
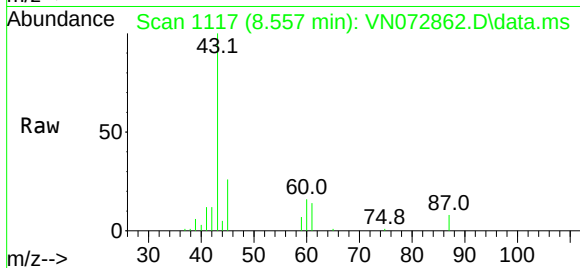
Instrument :

MSVOA_N

ClientSampleId :

PALMYRA-RT-73-COMP-3

Tgt Ion: 43	Resp: 83825
Ion Ratio	Lower Upper
43	100
61	11.4 21.9 32.9#
87	6.5 12.0 18.0#



#45

1,2-Dichloropropane

Concen: 0.860 ug/l

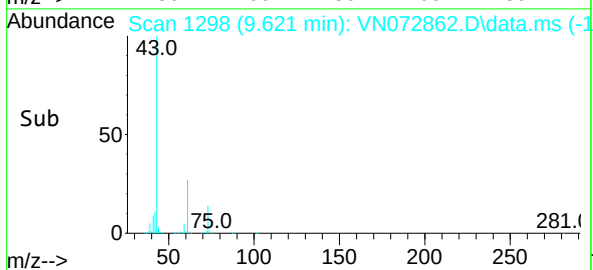
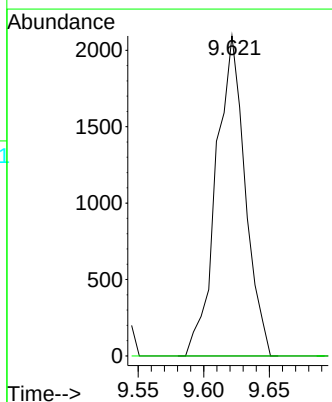
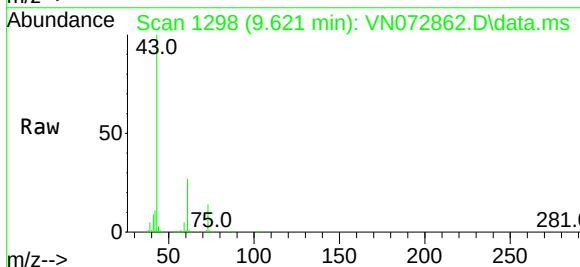
RT: 9.621 min Scan# 1298

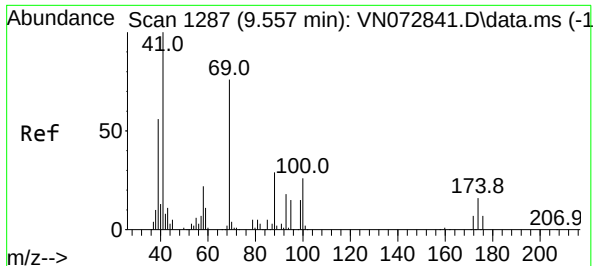
Delta R.T. 0.135 min

Lab File: VN072862.D

Acq: 15 Jun 2022 04:20

Tgt Ion: 63	Resp: 3233
Ion Ratio	Lower Upper
63	100
65	0.0 24.9 37.3#

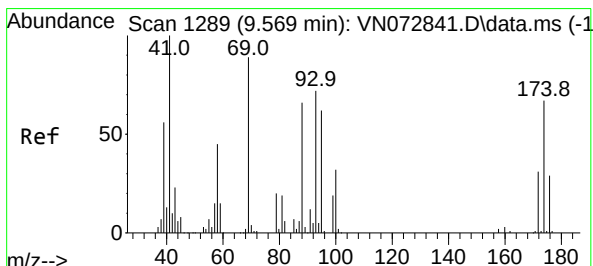
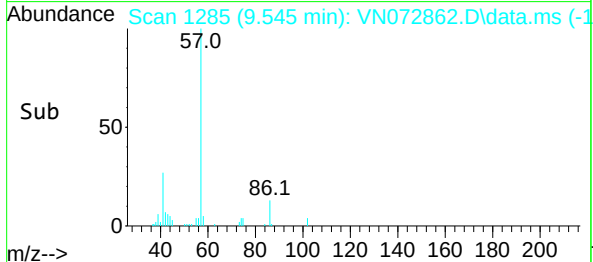
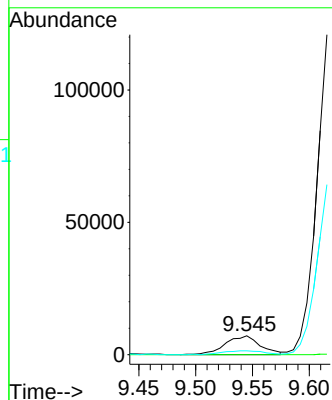
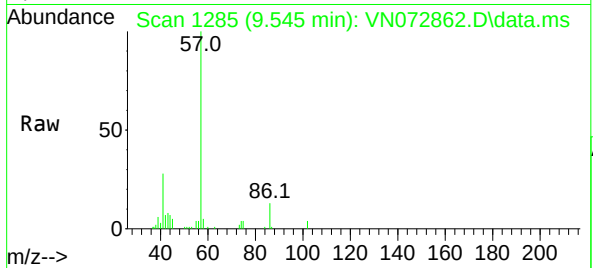




#48
Methyl methacrylate
Concen: 3.000 ug/l
RT: 9.545 min Scan# 1285
Delta R.T. -0.012 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

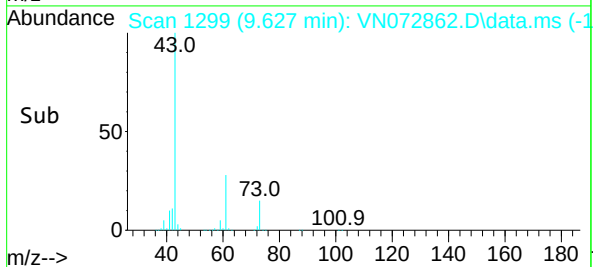
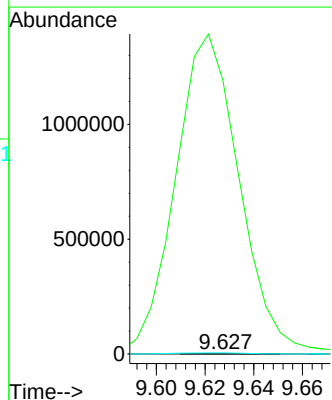
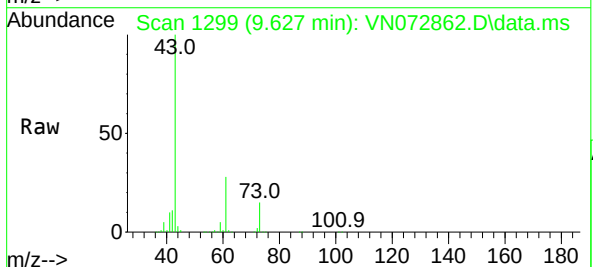
Instrument :
MSVOA_N
ClientSampleId :
PALMYRA-RT-73-COMP-3

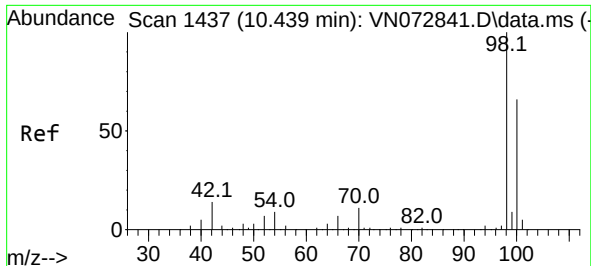
Tgt Ion: 41 Resp: 15193
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#



#49
1,4-Dioxane
Concen: 2.298 ug/l
RT: 9.627 min Scan# 1299
Delta R.T. 0.058 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

Tgt Ion: 88 Resp: 236
Ion Ratio Lower Upper
88 100
43 1093609.7 20.2 30.4#
58 4387.7 54.2 81.4#

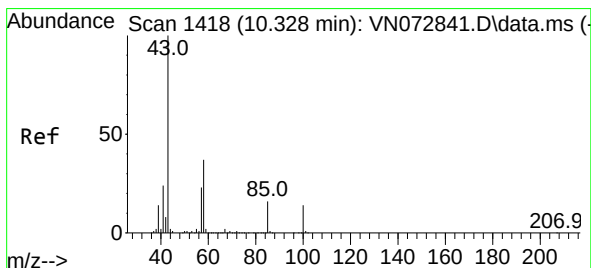
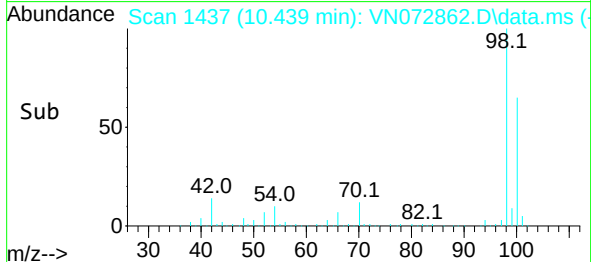
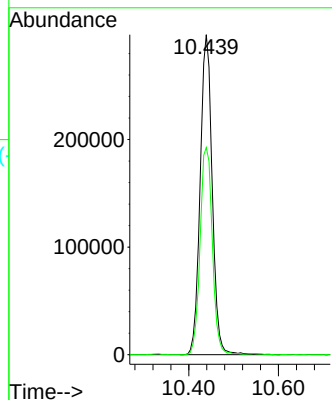
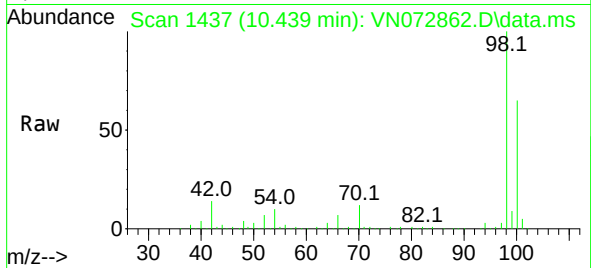




#50
Toluene-d8
Concen: 43.742 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

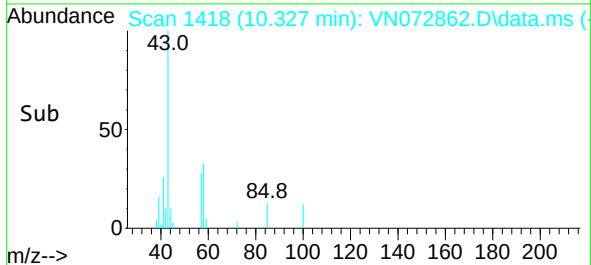
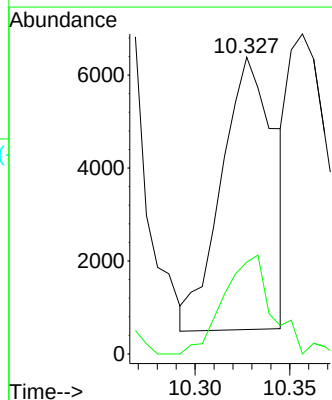
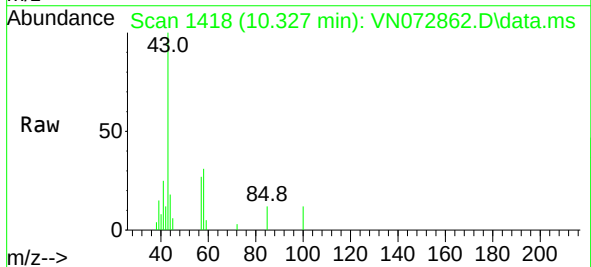
Instrument :
MSVOA_N
ClientSampleId :
PALMYRA-RT-73-COMP-3

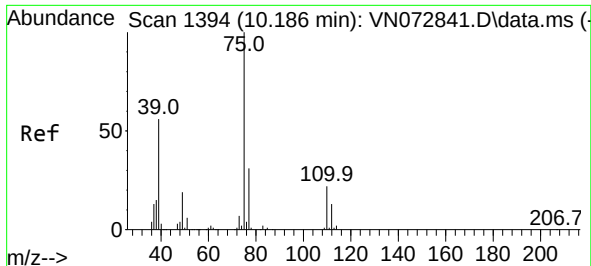
Tgt Ion: 98 Resp: 552360
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.567 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

Tgt Ion: 43 Resp: 11407
Ion Ratio Lower Upper
43 100
58 33.6 34.1 51.1#

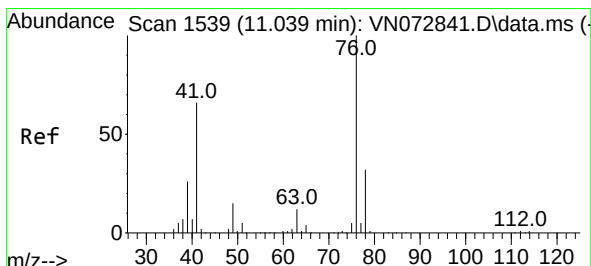
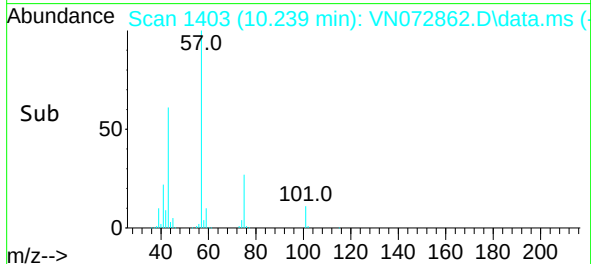
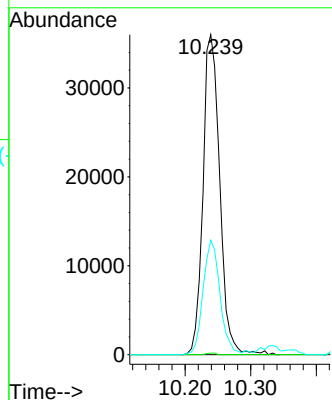
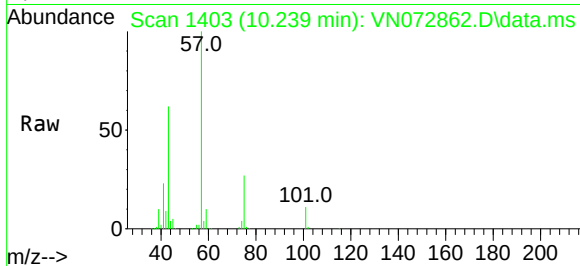




#54
 cis-1,3-Dichloropropene
 Concen: 11.832 ug/l
 RT: 10.239 min Scan# 1403
 Delta R.T. 0.053 min
 Lab File: VN072862.D
 Acq: 15 Jun 2022 04:20

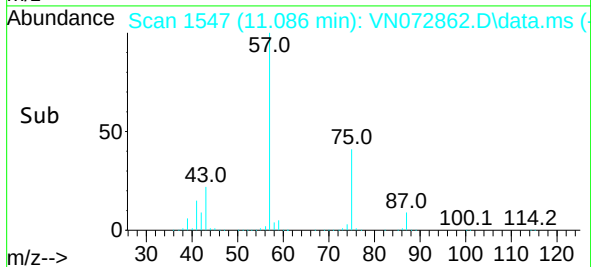
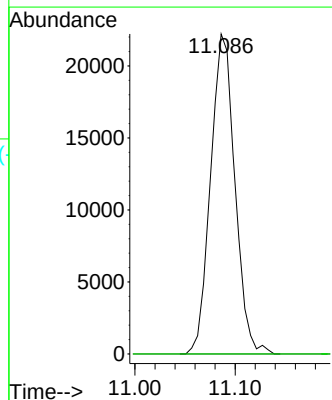
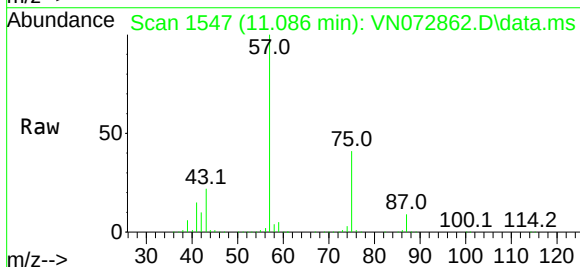
Instrument :
 MSVOA_N
 ClientSampleId :
 PALMYRA-RT-73-COMP-3

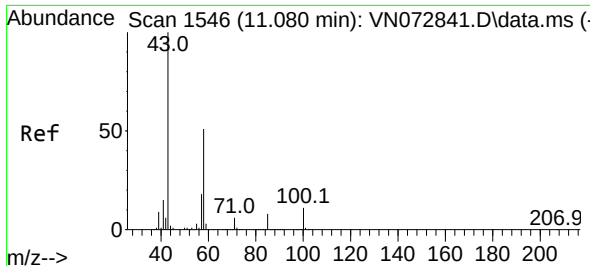
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.2	37.8#
39	35.8	35.7	53.5



#57
 1,3-Dichloropropane
 Concen: 5.750 ug/l
 RT: 11.086 min Scan# 1547
 Delta R.T. 0.047 min
 Lab File: VN072862.D
 Acq: 15 Jun 2022 04:20

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.2#

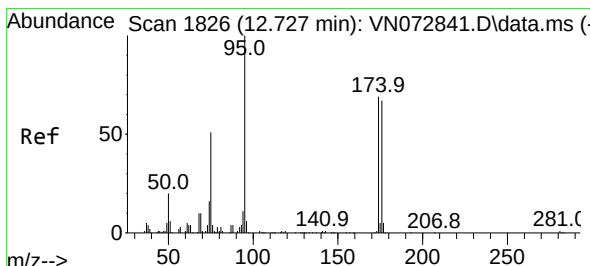
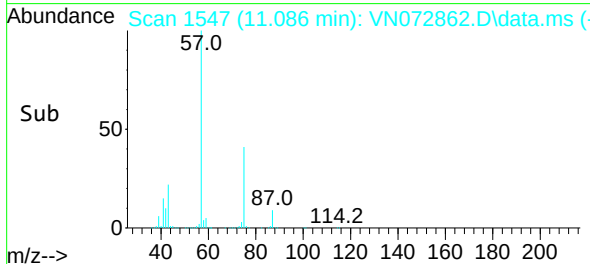
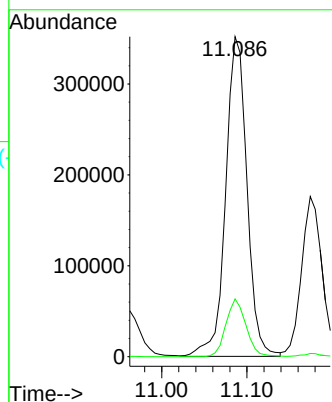
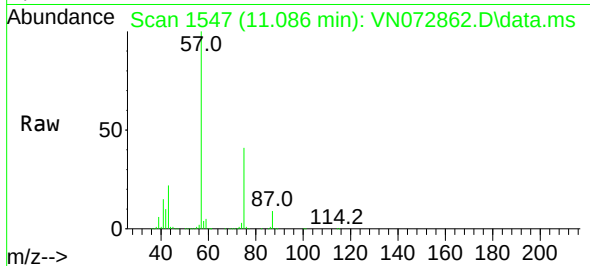




#59
2-Hexanone
Concen: 111.958 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

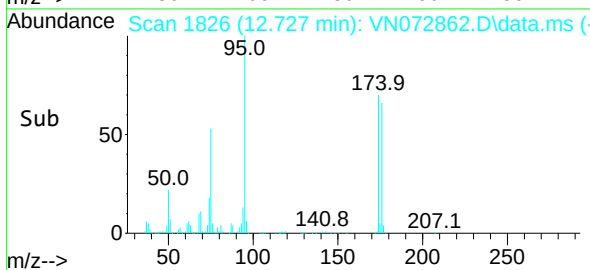
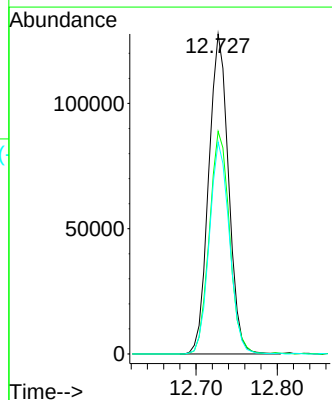
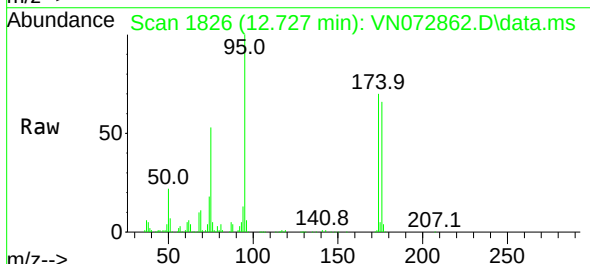
Instrument :
MSVOA_N
ClientSampleId :
PALMYRA-RT-73-COMP-3

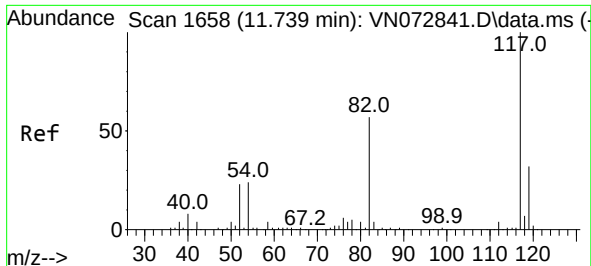
Tgt Ion: 43 Resp: 612009
Ion Ratio Lower Upper
43 100
58 17.0 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 51.171 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

Tgt Ion: 95 Resp: 216908
Ion Ratio Lower Upper
95 100
174 70.5 0.0 167.6
176 66.6 0.0 163.4

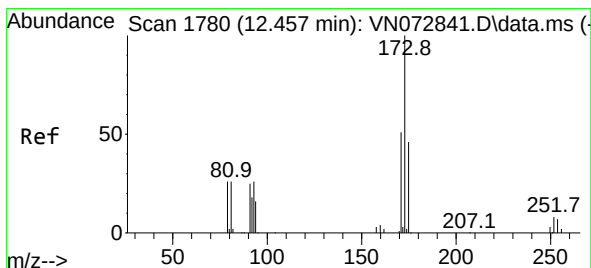
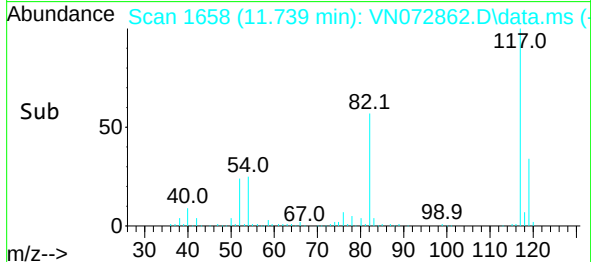
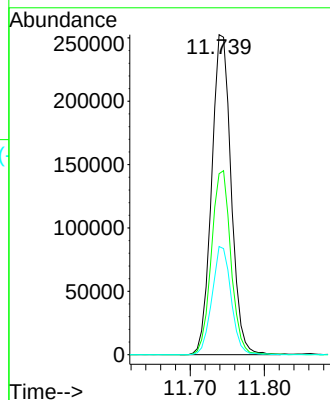
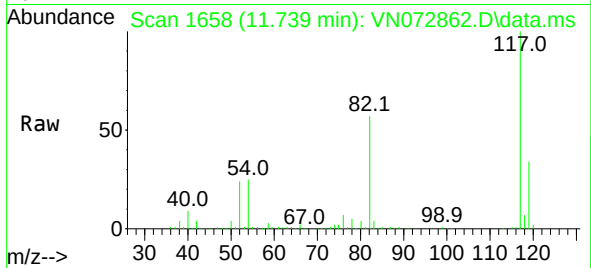




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

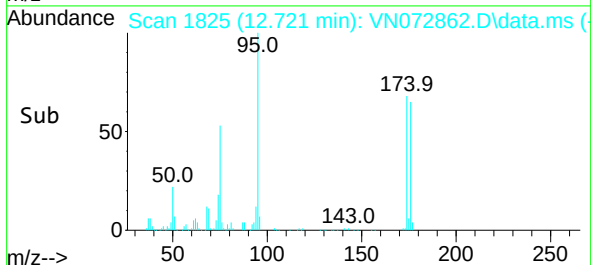
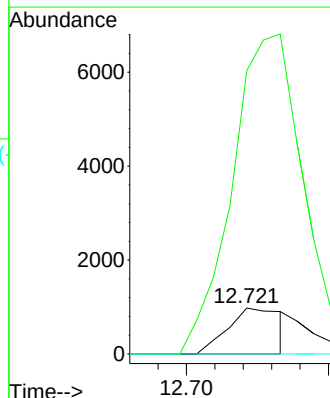
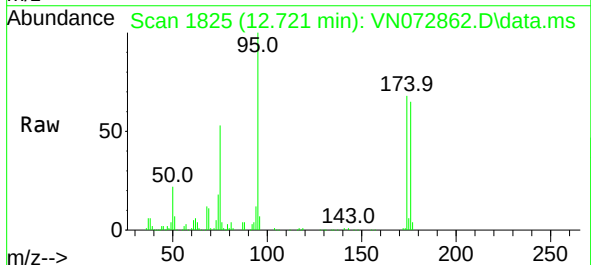
Instrument :
MSVOA_N
ClientSampleId :
PALMYRA-RT-73-COMP-3

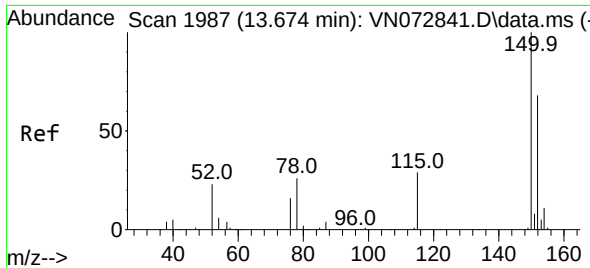
Tgt Ion:117 Resp: 461378
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.2
119 33.8 25.4 38.0



#71
Bromoform
Concen: 0.514 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.264 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

Tgt Ion:173 Resp: 1292
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

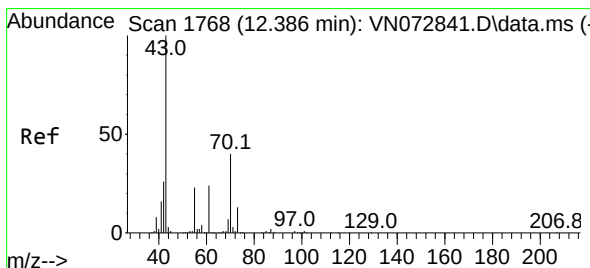
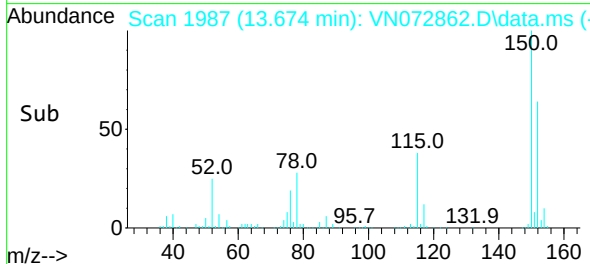
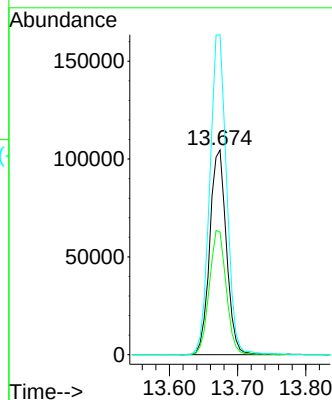
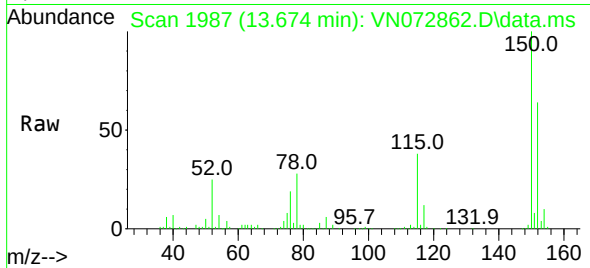




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VN072862.D
 Acq: 15 Jun 2022 04:20

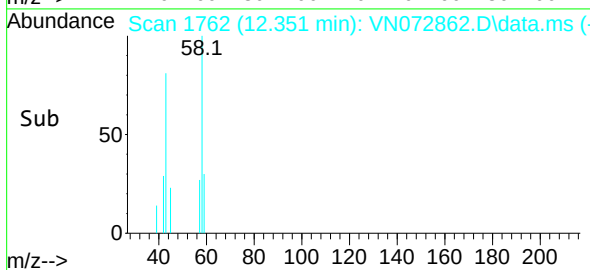
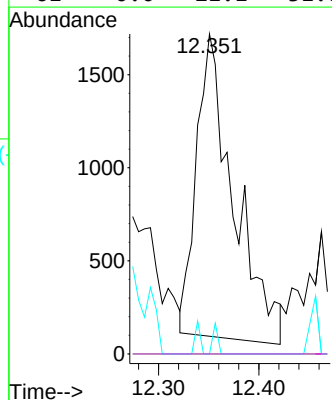
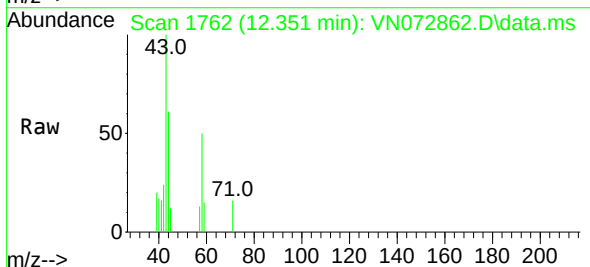
Instrument :
 MSVOA_N
 ClientSampleId :
 PALMYRA-RT-73-COMP-3

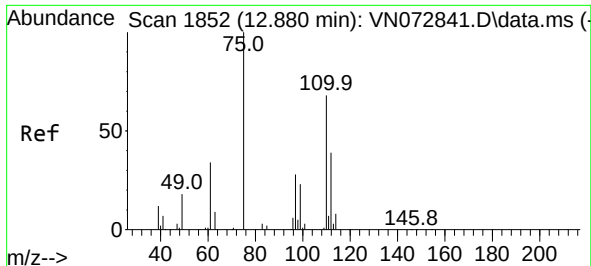
Tgt Ion:152 Resp: 178430
 Ion Ratio Lower Upper
 152 100
 115 61.5 28.9 86.7
 150 157.7 0.0 356.2



#74
 N-ethyl acetate
 Concen: 0.529 ug/l
 RT: 12.351 min Scan# 1762
 Delta R.T. -0.035 min
 Lab File: VN072862.D
 Acq: 15 Jun 2022 04:20

Tgt Ion: 43 Resp: 4185
 Ion Ratio Lower Upper
 43 100
 70 0.0 39.0 58.4#
 55 1.4 21.1 31.7#
 61 0.0 21.1 31.7#

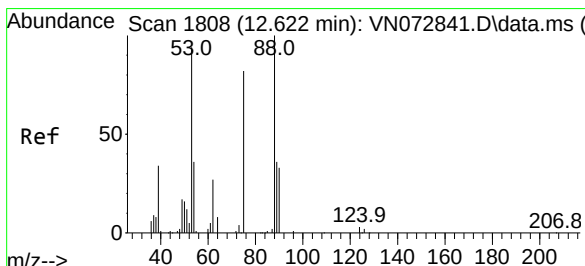
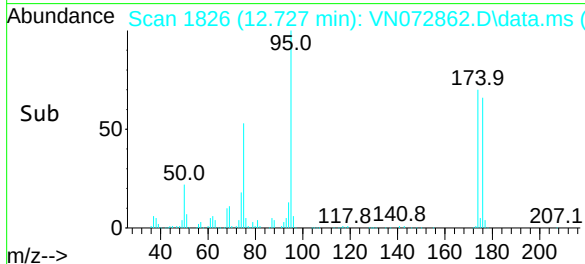
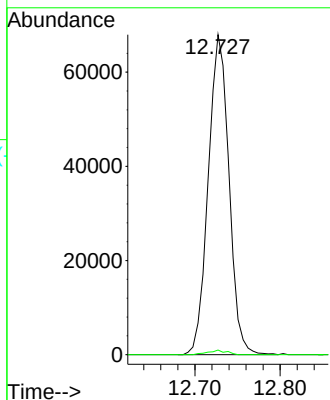
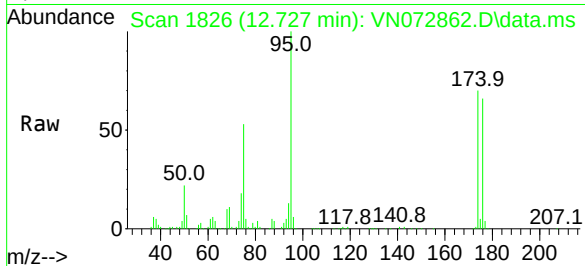




#76
1,2,3-Trichloropropane
Concen: 22.299 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.153 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

Instrument :
MSVOA_N
ClientSampleId :
PALMYRA-RT-73-COMP-3

Tgt Ion: 75 Resp: 114767
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.348 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

Tgt Ion: 75 Resp: 114767
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

