

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082129.D
 Acq On : 15 May 2024 13:25
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: May 16 04:56:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 04:51:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	219821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	366941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	338377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	163659	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	326981	94.203	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 188.400%#	
35) Dibromofluoromethane	8.165	113	222809	98.708	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 197.420%#	
50) Toluene-d8	10.571	98	871452	100.698	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 201.400%#	
62) 4-Bromofluorobenzene	12.847	95	323044	104.583	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 209.160%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	301679	95.189	ug/l	98
3) Chloromethane	2.359	50	316247	88.049	ug/l	98
4) Vinyl Chloride	2.512	62	315001	93.289	ug/l	97
5) Bromomethane	2.936	94	160919	82.912	ug/l	98
6) Chloroethane	3.112	64	197938	89.776	ug/l	99
7) Trichlorofluoromethane	3.495	101	419272	94.824	ug/l	99
8) Diethyl Ether	3.959	74	154376	98.007	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	240034	92.932	ug/l	97
10) Methyl Iodide	4.589	142	280211	107.916	ug/l	94
11) Tert butyl alcohol	5.524	59	248621	446.215	ug/l	98
12) 1,1-Dichloroethene	4.342	96	230737	96.112	ug/l #	80
13) Acrolein	4.177	56	210383	509.539	ug/l	98
14) Allyl chloride	5.018	41	483843	94.135	ug/l #	90
15) Acrylonitrile	5.718	53	687289	476.284	ug/l	99
16) Acetone	4.424	43	751612	527.863	ug/l	92
17) Carbon Disulfide	4.712	76	705333	90.966	ug/l	99
18) Methyl Acetate	5.018	43	313418	88.386	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	852194	97.115	ug/l	94
20) Methylene Chloride	5.277	84	261602	91.061	ug/l #	74
21) trans-1,2-Dichloroethene	5.783	96	245717	93.922	ug/l #	77
22) Diisopropyl ether	6.671	45	1061614	98.913	ug/l #	92
23) Vinyl Acetate	6.600	43	4314783	509.898	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	525471	94.987	ug/l	97
25) 2-Butanone	7.483	43	1069159	495.250	ug/l #	83
26) 2,2-Dichloropropane	7.488	77	459396	99.145	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	297543	96.370	ug/l	79
28) Bromochloromethane	7.812	49	229526	99.903	ug/l #	73
29) Tetrahydrofuran	7.835	42	671675	484.584	ug/l #	81
30) Chloroform	7.965	83	505461	95.681	ug/l	97
31) Cyclohexane	8.259	56	492318	88.805	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	453082	96.674	ug/l	94
36) 1,1-Dichloropropene	8.371	75	377865	99.812	ug/l	96
37) Ethyl Acetate	7.559	43	420154	99.169	ug/l #	94
38) Carbon Tetrachloride	8.359	117	389164	101.406	ug/l	98
39) Methylcyclohexane	9.600	83	433532	104.473	ug/l #	83
40) Benzene	8.606	78	1128584	99.971	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	250478	100.526	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	421557	97.092	ug/l	94
43) Isopropyl Acetate	8.688	43	740798	98.678	ug/l #	89
44) Trichloroethene	9.353	130	248920	97.068	ug/l	90
45) 1,2-Dichloropropane	9.624	63	287121	98.574	ug/l	99
46) Dibromomethane	9.712	93	188439	98.540	ug/l	98
47) Bromodichloromethane	9.888	83	405407	100.422	ug/l	96
48) Methyl methacrylate	9.682	41	367257	102.667	ug/l #	81
49) 1,4-Dioxane	9.694	88	100011	1995.183	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	2179826	511.054	ug/l	90
52) Toluene	10.629	92	708546	104.587	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	447259	107.122	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	466240	105.495	ug/l #	78
55) 1,1,2-Trichloroethane	11.018	97	248842	101.074	ug/l	98
56) Ethyl methacrylate	10.876	69	453503	108.496	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	454387	98.710	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	1094287	507.551	ug/l	89
59) 2-Hexanone	11.194	43	1667421	533.896	ug/l	89
60) Dibromochloromethane	11.359	129	294188	108.279	ug/l	99
61) 1,2-Dibromoethane	11.470	107	252757	99.953	ug/l	97
64) Tetrachloroethene	11.106	164	240617	95.938	ug/l	95
65) Chlorobenzene	11.894	112	727756	97.356	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	254225	103.247	ug/l	99
67) Ethyl Benzene	11.965	91	1394532	104.286	ug/l	97
68) m/p-Xylenes	12.070	106	1026320	209.411	ug/l	92
69) o-Xylene	12.400	106	503641	106.087	ug/l	93
70) Styrene	12.412	104	860412	109.112	ug/l	96
71) Bromoform	12.576	173	197239	100.005	ug/l #	98
73) Isopropylbenzene	12.694	105	1300096	99.994	ug/l	98
74) N-amyl acetate	12.494	43	698453	97.662	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	341431	91.098	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	498728	144.990	ug/l	68
77) Bromobenzene	12.982	156	294643	95.092	ug/l	87
78) n-propylbenzene	13.035	91	1575520	102.331	ug/l	97
79) 2-Chlorotoluene	13.129	91	939770	97.205	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	1078492	102.585	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	145641	103.966	ug/l #	83
82) 4-Chlorotoluene	13.223	91	945731	100.050	ug/l	94
83) tert-Butylbenzene	13.441	119	923736	100.434	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	1097651	102.051	ug/l	98
85) sec-Butylbenzene	13.617	105	1310835	102.823	ug/l	98
86) p-Isopropyltoluene	13.729	119	1103941	106.551	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	548578	97.724	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	544881	95.104	ug/l	98
89) n-Butylbenzene	14.059	91	1009503	108.405	ug/l	98
90) Hexachloroethane	14.335	117	198220	103.262	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	519372	97.744	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	77624	100.804	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	307278	103.166	ug/l	99
94) Hexachlorobutadiene	15.506	225	120484	92.188	ug/l	96
95) Naphthalene	15.641	128	991352	106.208	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	299526	100.455	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu May 16 04:51:03 2024
Response via : Initial Calibration

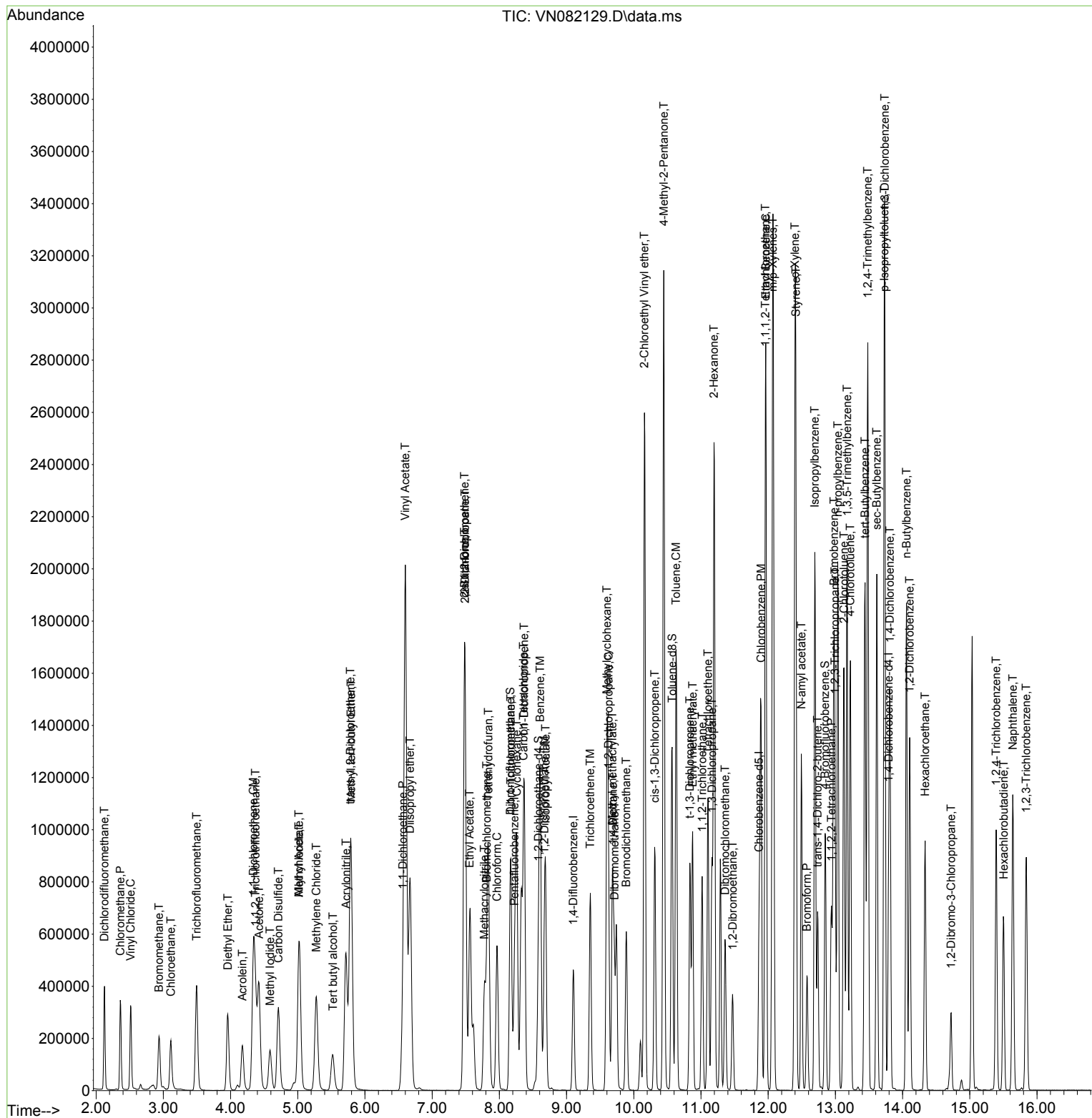
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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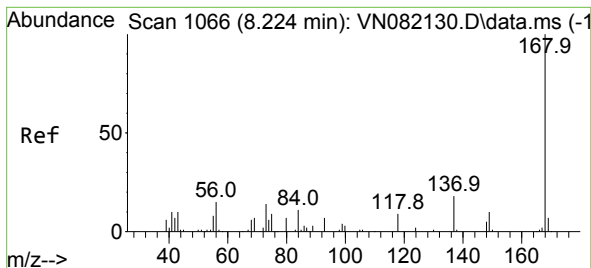
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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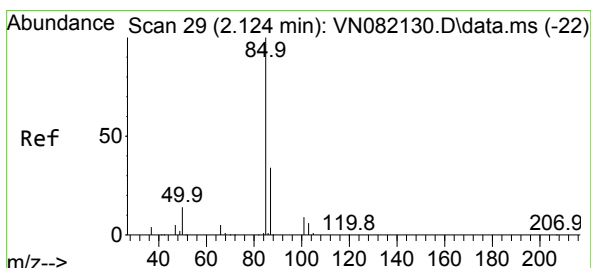
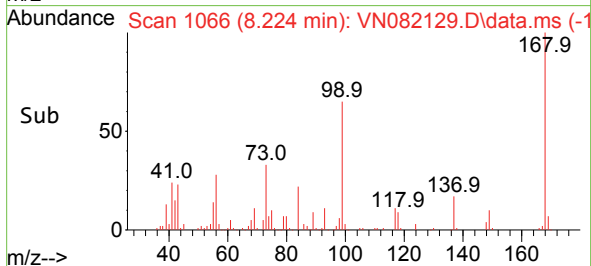
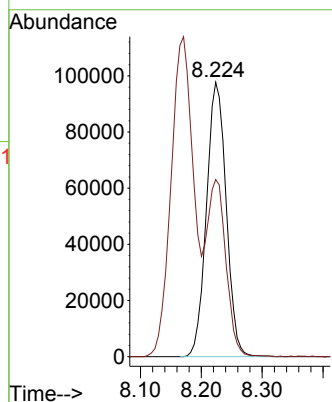
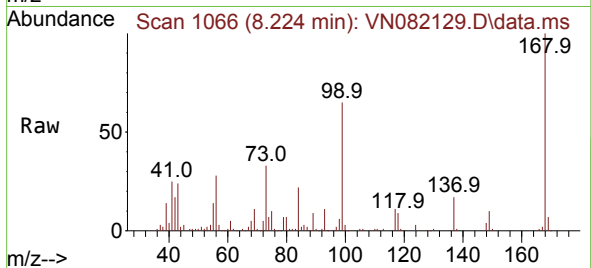




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082129.D
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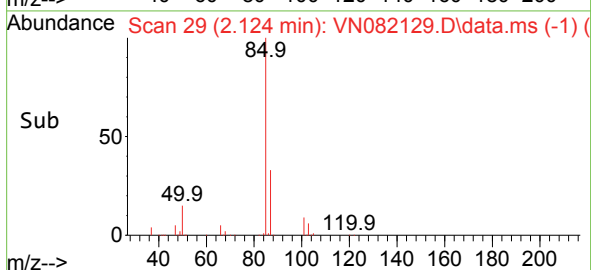
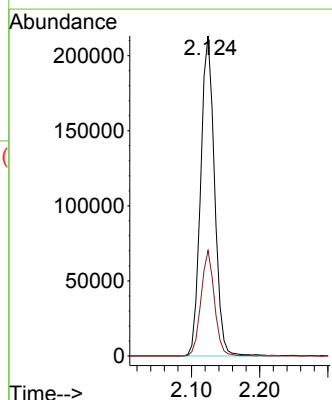
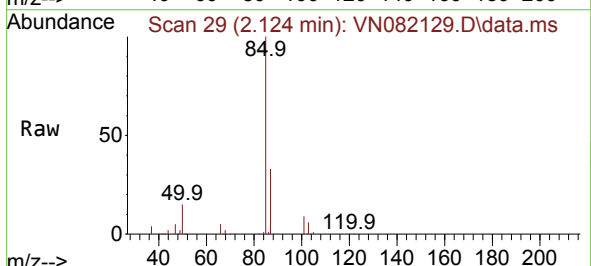
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

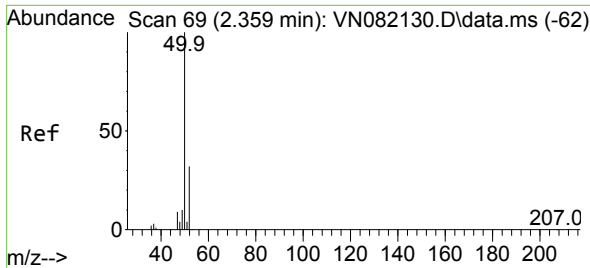
Tgt Ion:168 Resp: 219821
Ion Ratio Lower Upper
168 100
99 64.3 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 95.189 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion: 85 Resp: 301679
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4

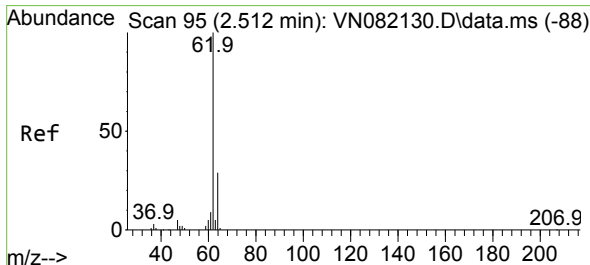
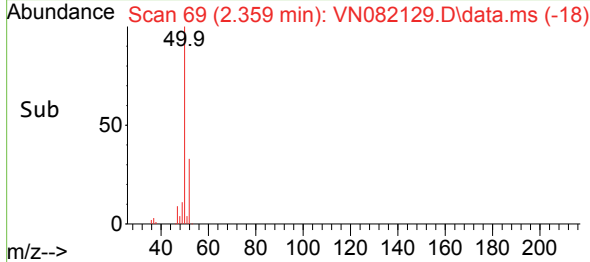
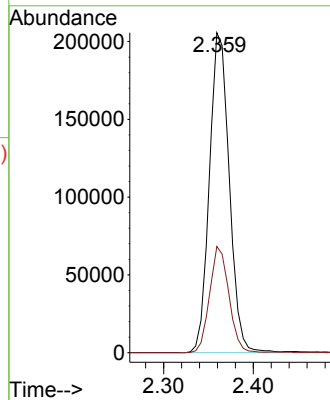
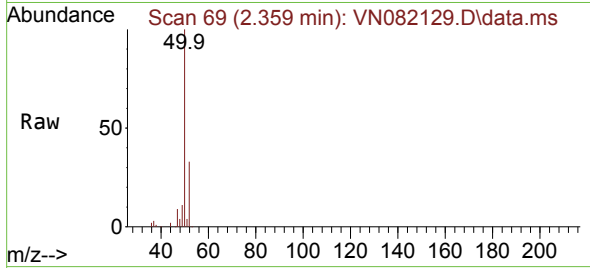




#3
Chloromethane
Concen: 88.049 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082129.D
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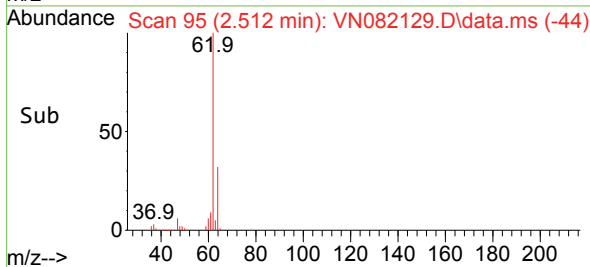
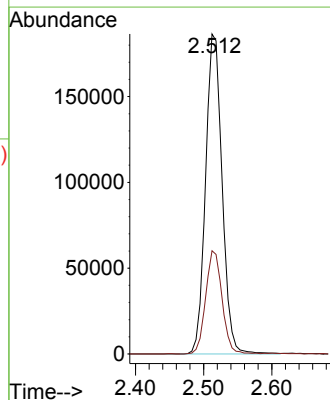
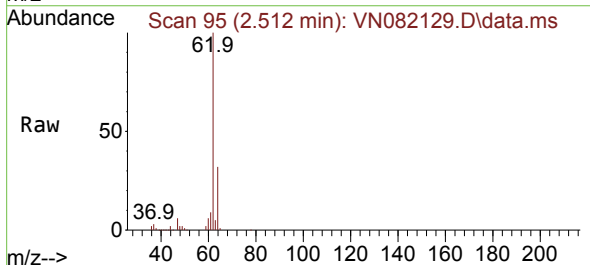
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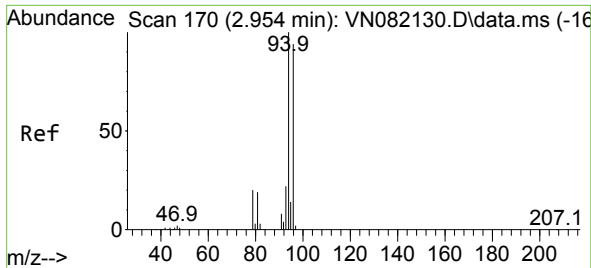
Tgt Ion: 50 Resp: 316247
Ion Ratio Lower Upper
50 100
52 33.2 25.5 38.3



#4
Vinyl Chloride
Concen: 93.289 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion: 62 Resp: 315001
Ion Ratio Lower Upper
62 100
64 32.2 24.6 37.0

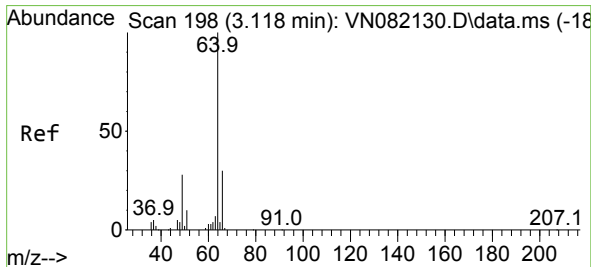
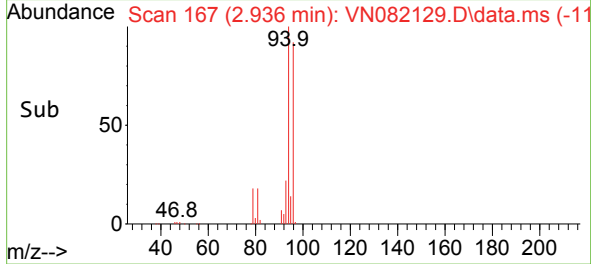
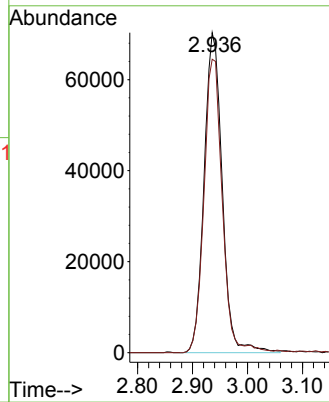
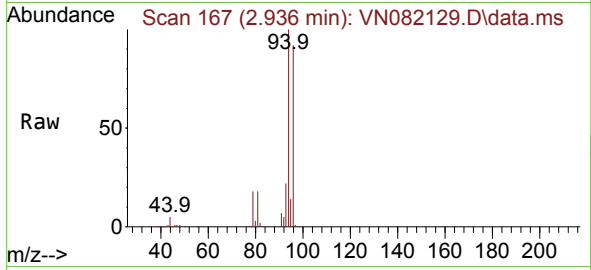




#5
Bromomethane
Concen: 82.912 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN082129.D
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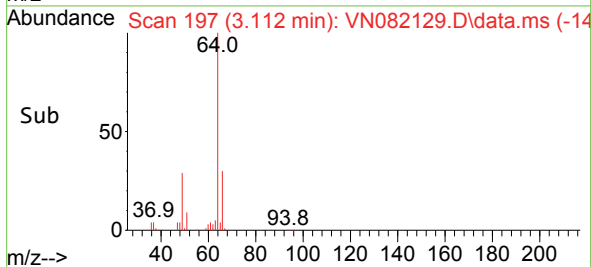
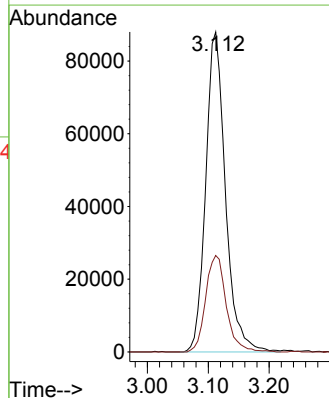
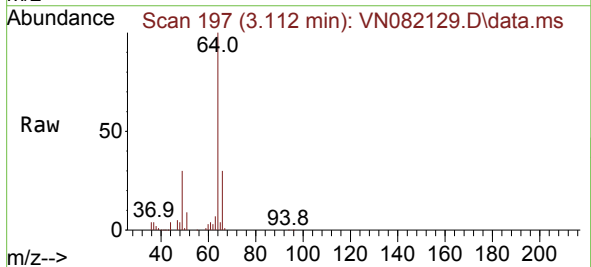
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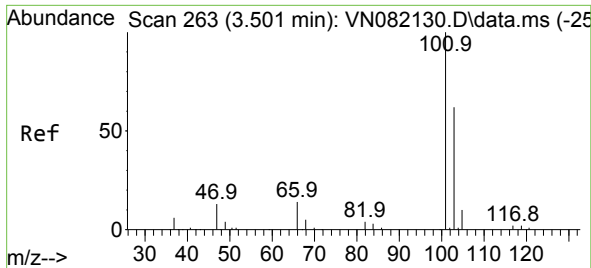
Tgt Ion: 94 Resp: 160919
Ion Ratio Lower Upper
94 100
96 91.7 74.8 112.2



#6
Chloroethane
Concen: 89.776 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion: 64 Resp: 197938
Ion Ratio Lower Upper
64 100
66 30.2 24.7 37.1

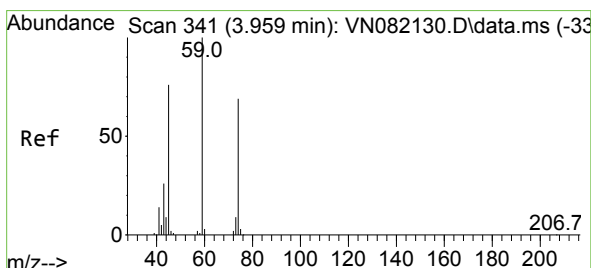
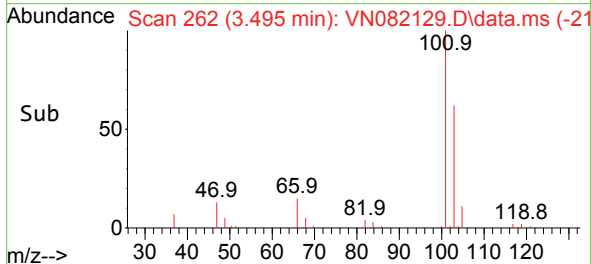
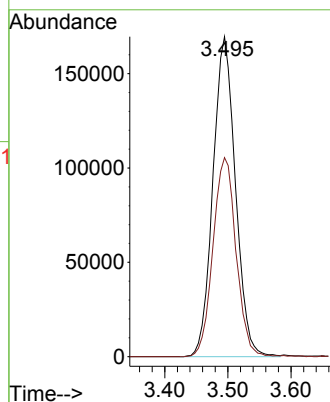
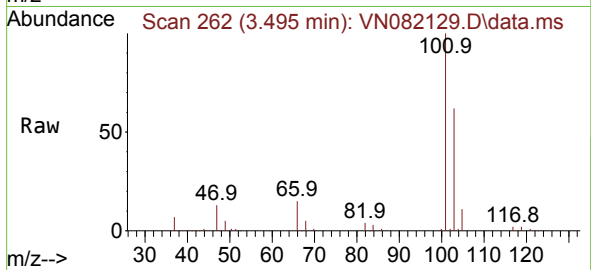




#7
Trichlorofluoromethane
Concen: 94.824 ug/l
RT: 3.495 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

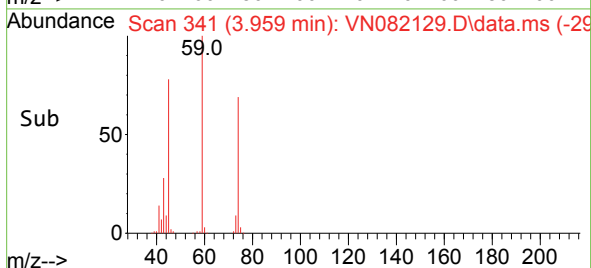
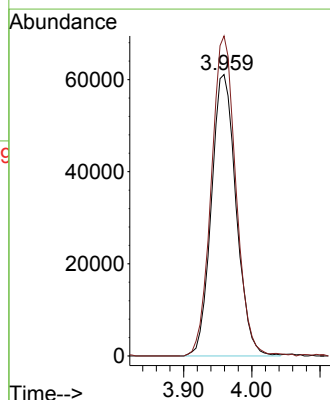
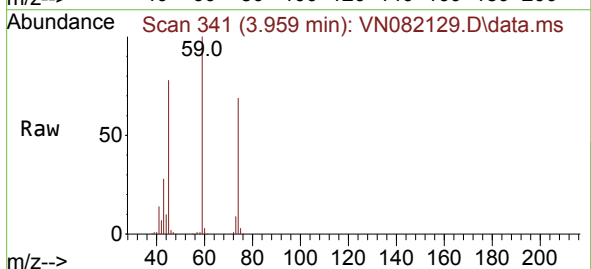
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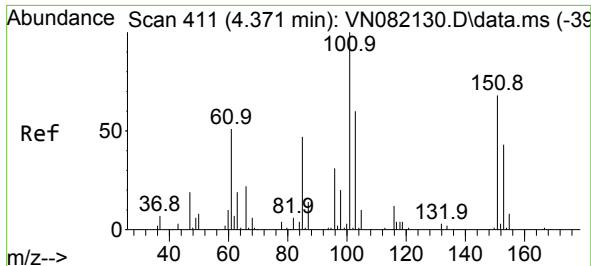
Tgt Ion:101 Resp: 419272
Ion Ratio Lower Upper
101 100
103 62.2 50.6 75.8



#8
Diethyl Ether
Concen: 98.007 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN082129.D
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Tgt Ion: 74 Resp: 154376
Ion Ratio Lower Upper
74 100
45 113.2 42.4 127.3

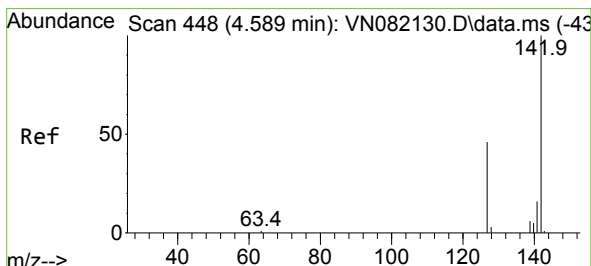
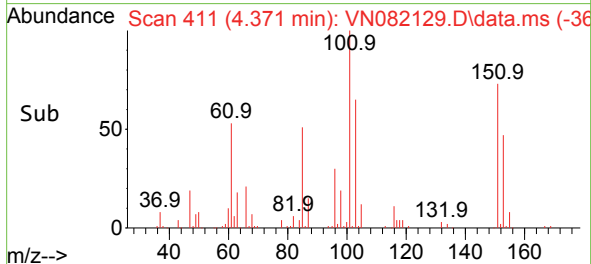
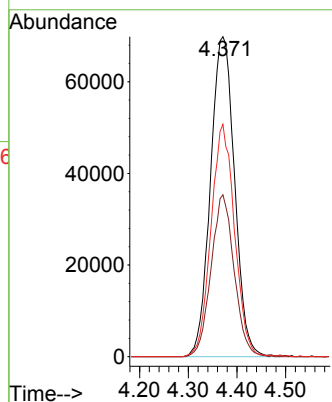
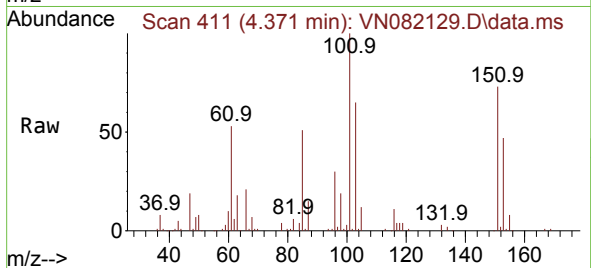




#9
1,1,2-Trichlorotrifluoroethane
Concen: 92.932 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

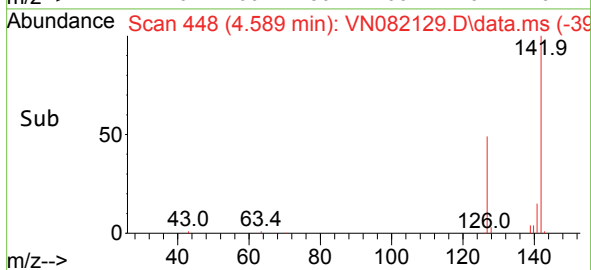
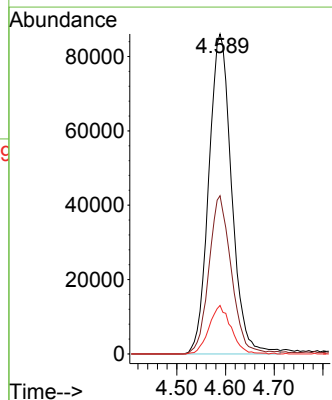
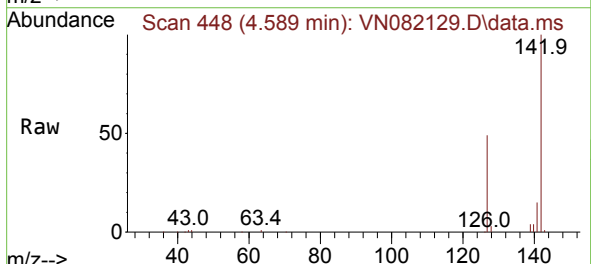
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

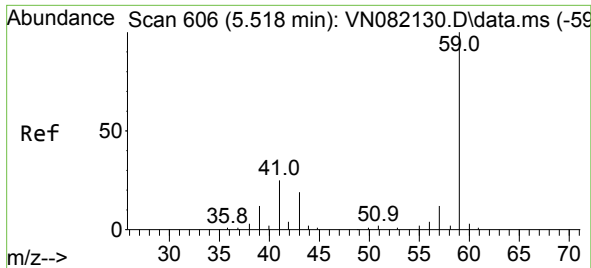
Tgt Ion:101 Resp: 240034
Ion Ratio Lower Upper
101 100
85 48.3 37.3 55.9
151 70.9 59.2 88.8



#10
Methyl Iodide
Concen: 107.916 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion:142 Resp: 280211
Ion Ratio Lower Upper
142 100
127 49.5 35.8 53.6
141 15.2 11.4 17.2

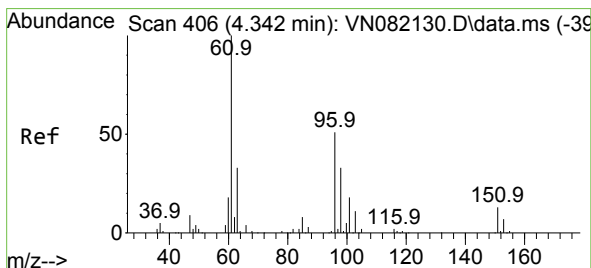
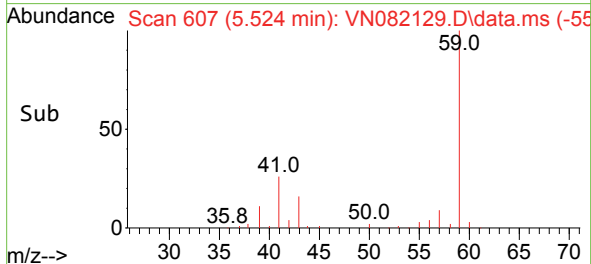
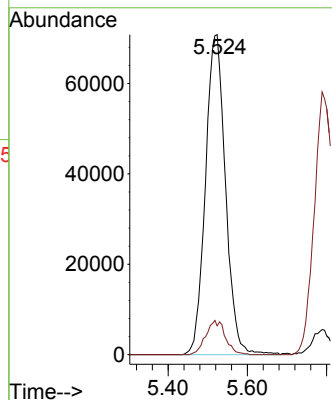
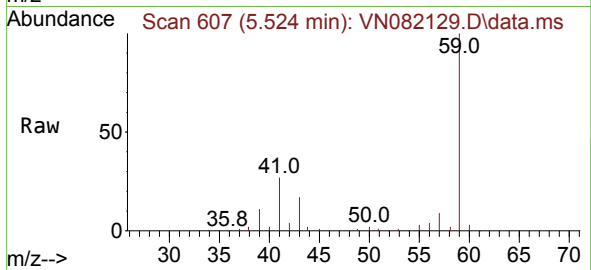




#11
Tert butyl alcohol
Concen: 446.215 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

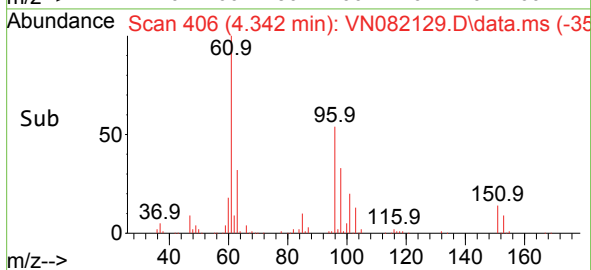
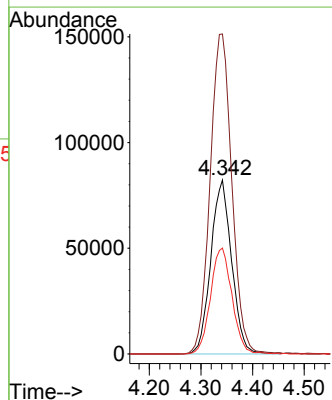
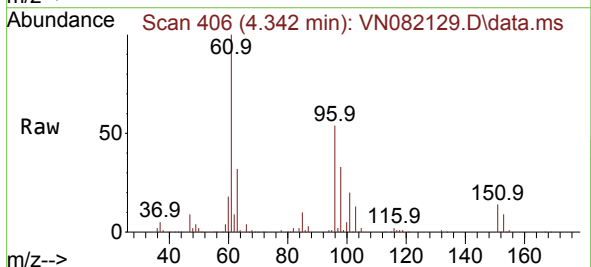
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

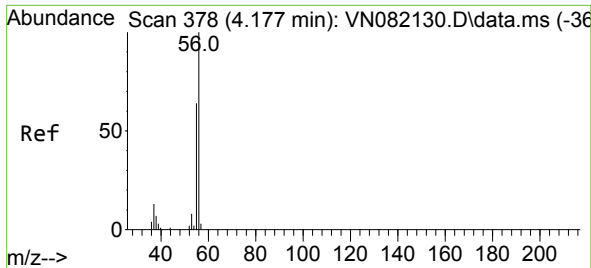
Tgt Ion: 59 Resp: 248621
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3



#12
1,1-Dichloroethene
Concen: 96.112 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion: 96 Resp: 230737
Ion Ratio Lower Upper
96 100
61 184.0 119.7 179.5#
98 60.9 49.6 74.4





#13

Acrolein

Concen: 509.539 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

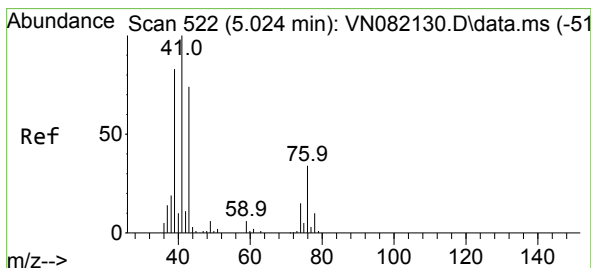
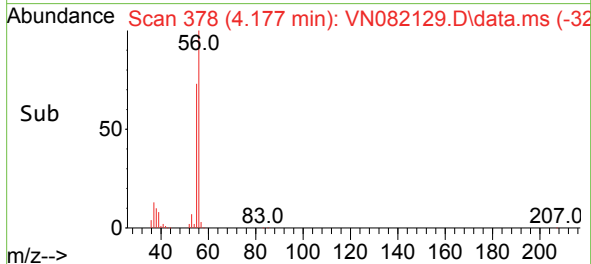
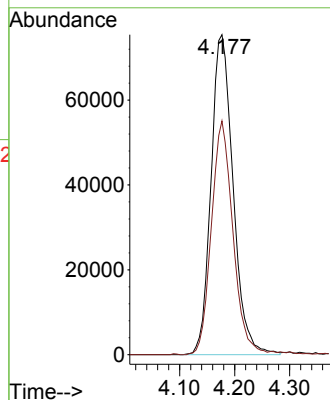
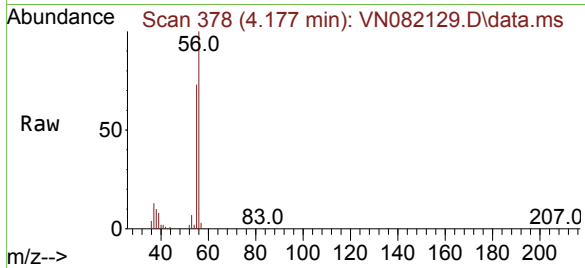
VSTDICC100

Tgt Ion: 56 Resp: 210383

Ion Ratio Lower Upper

56 100

55 71.7 55.8 83.8



#14

Allyl chloride

Concen: 94.135 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

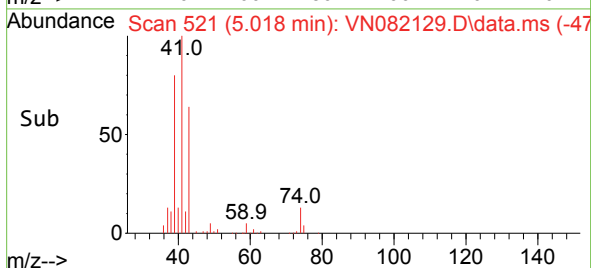
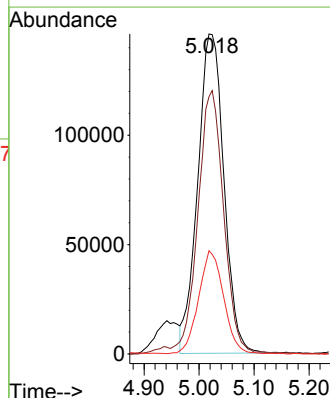
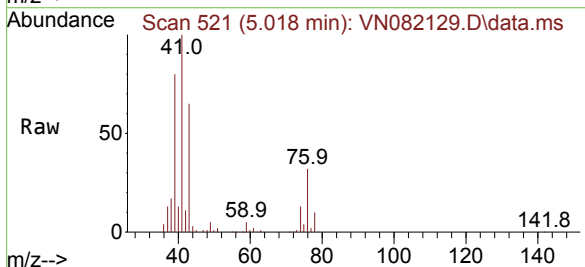
Tgt Ion: 41 Resp: 483843

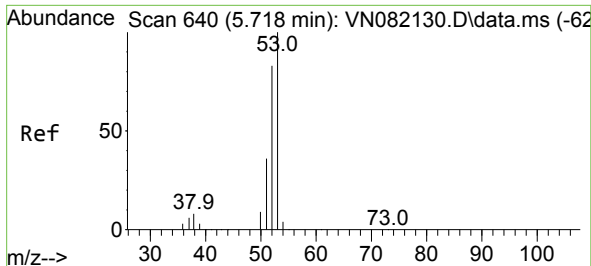
Ion Ratio Lower Upper

41 100

39 80.3 65.4 98.0

76 30.6 37.3 55.9#

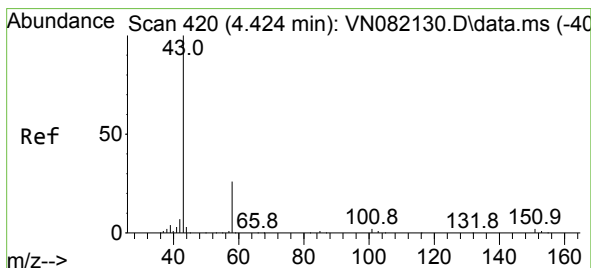
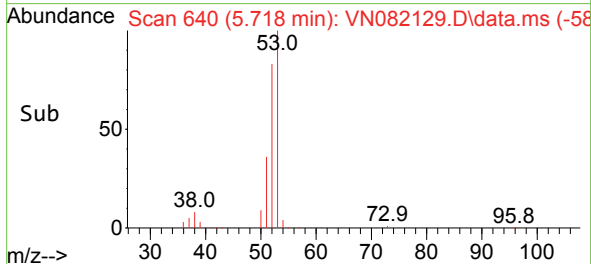
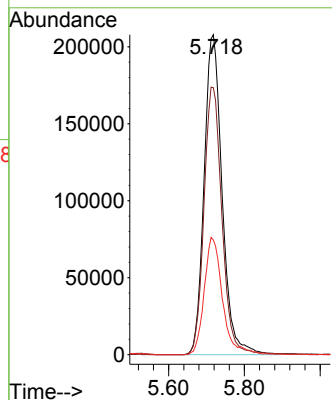
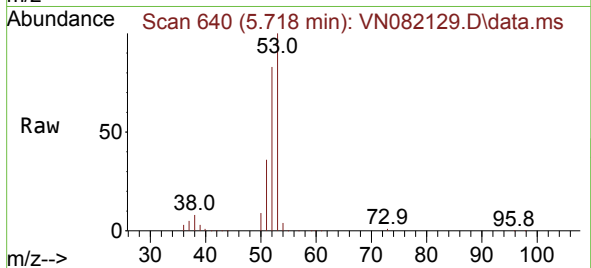




#15
Acrylonitrile
Concen: 476.284 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

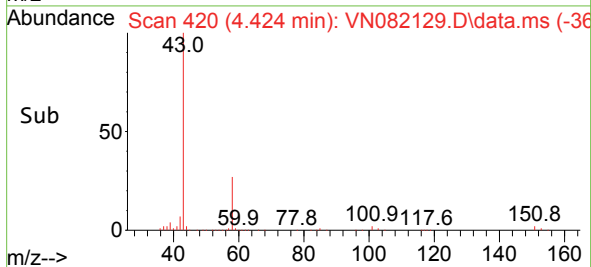
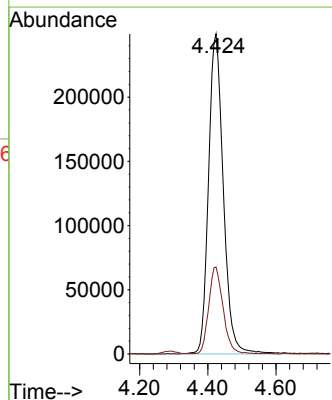
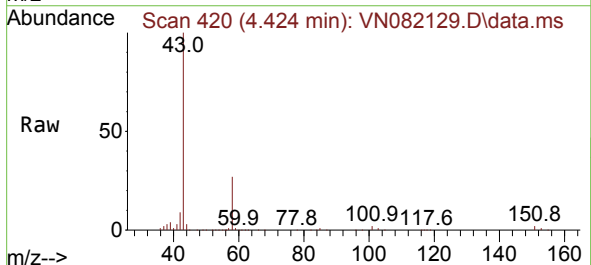
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

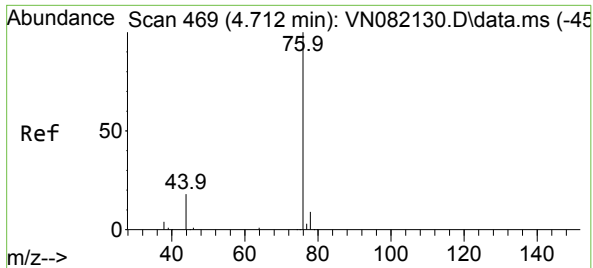
Tgt Ion: 53 Resp: 687289
Ion Ratio Lower Upper
53 100
52 83.4 66.1 99.1
51 37.3 29.4 44.2



#16
Acetone
Concen: 527.863 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion: 43 Resp: 751612
Ion Ratio Lower Upper
43 100
58 27.2 25.2 37.8

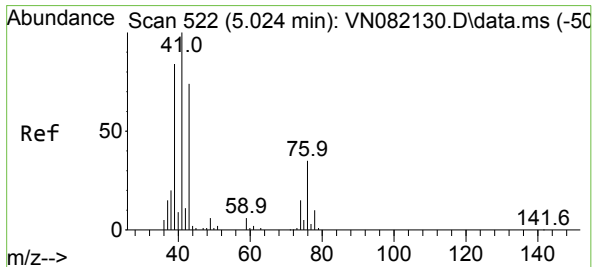
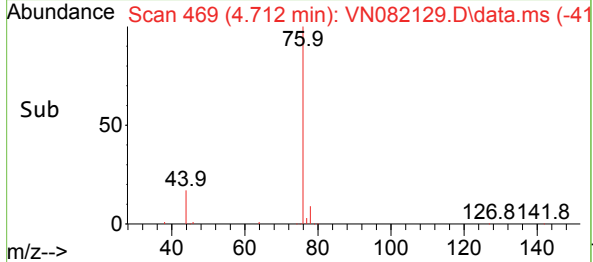
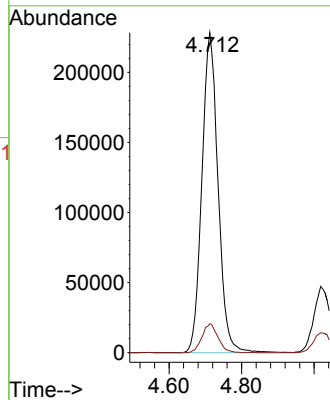
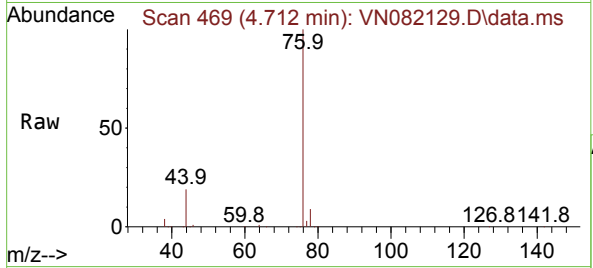




#17
Carbon Disulfide
Concen: 90.966 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

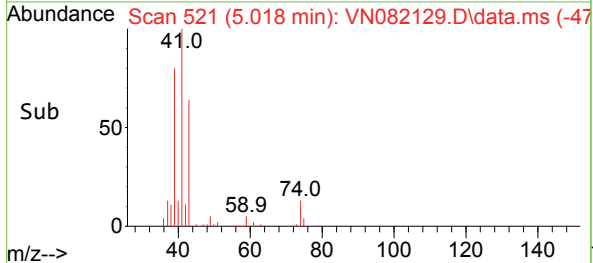
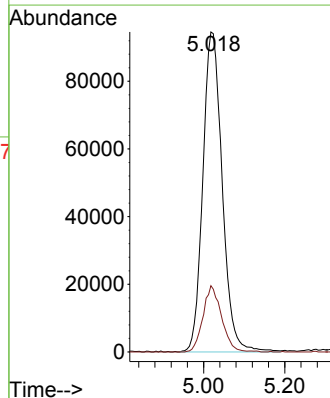
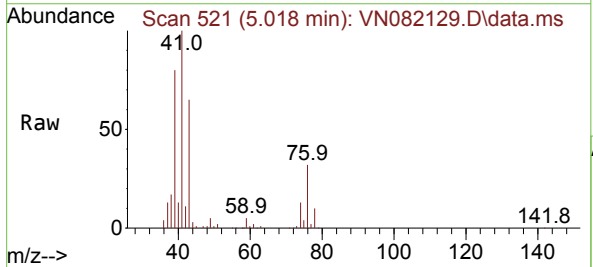
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

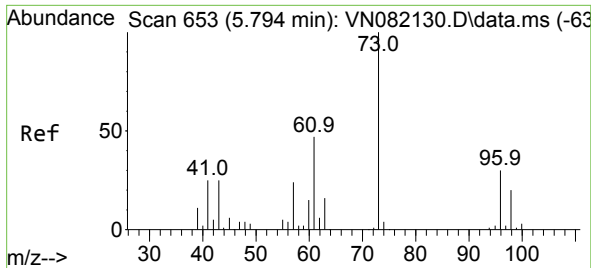
Tgt Ion: 76 Resp: 705333
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 88.386 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion: 43 Resp: 313418
Ion Ratio Lower Upper
43 100
74 19.7 22.2 33.2#

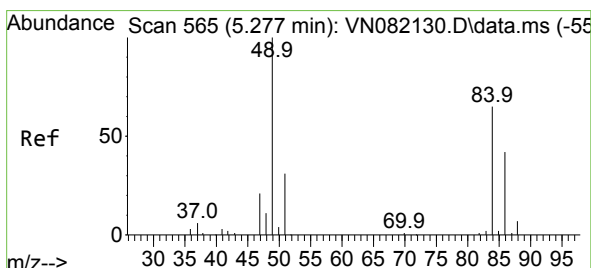
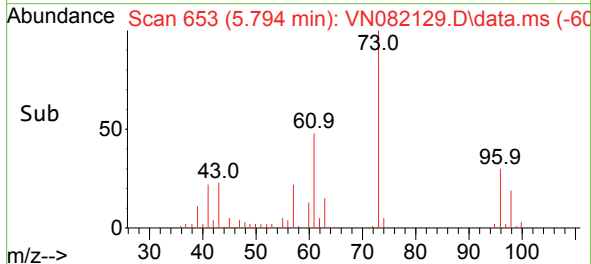
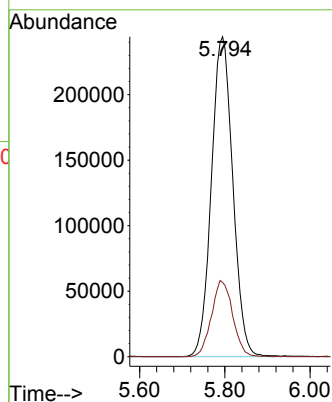
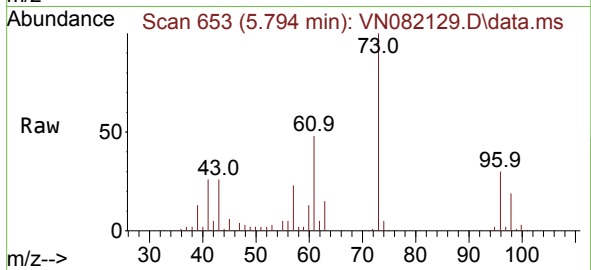




#19
Methyl tert-butyl Ether
Concen: 97.115 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

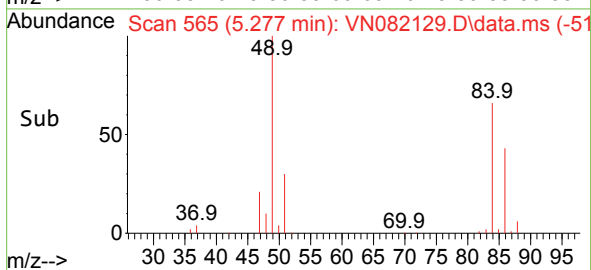
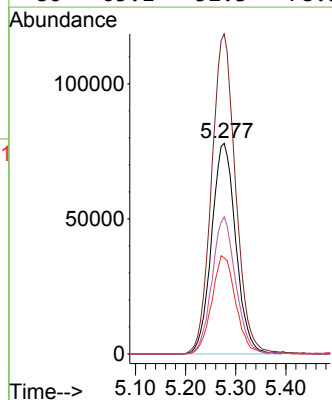
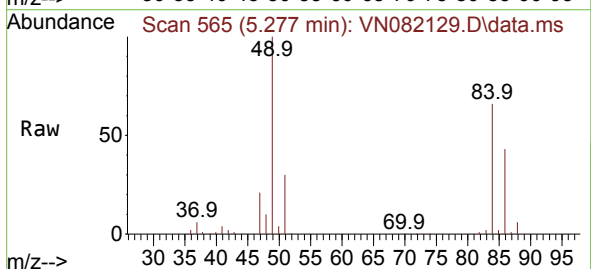
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

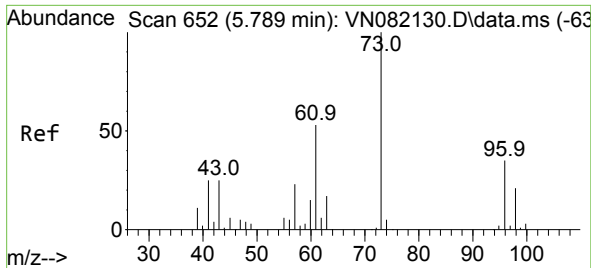
Tgt Ion: 73 Resp: 852194
Ion Ratio Lower Upper
73 100
57 23.2 16.5 24.7



#20
Methylene Chloride
Concen: 91.061 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion: 84 Resp: 261602
Ion Ratio Lower Upper
84 100
49 151.9 84.9 127.3#
51 45.6 27.0 40.6#
86 65.1 52.3 78.5

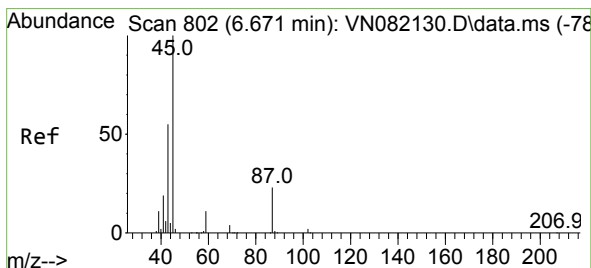
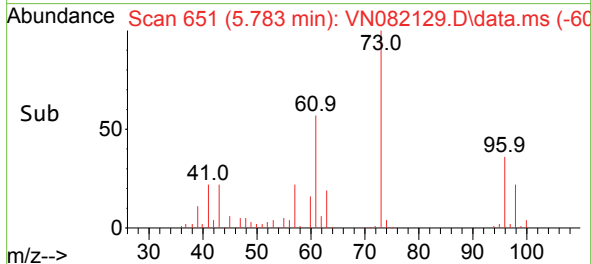
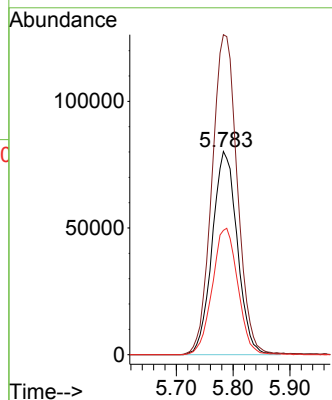
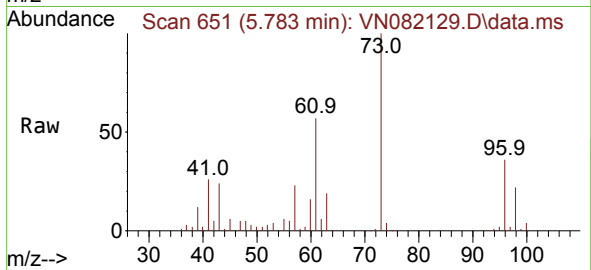




#21
trans-1,2-Dichloroethene
Concen: 93.922 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

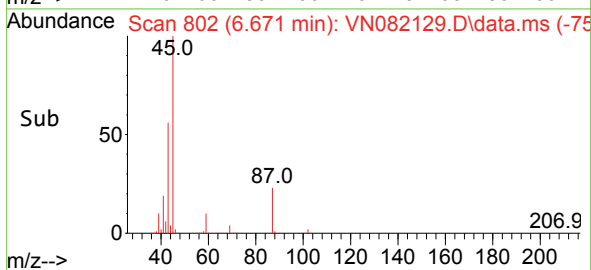
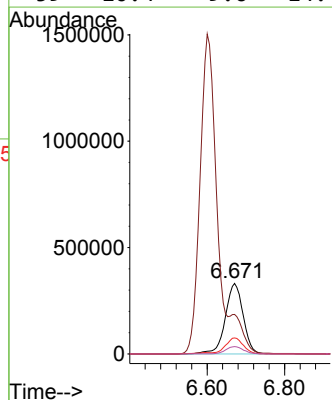
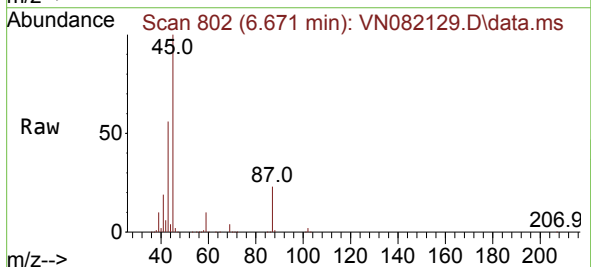
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

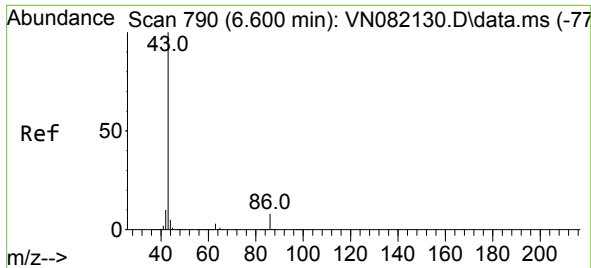
Tgt Ion: 96 Resp: 245717
Ion Ratio Lower Upper
96 100
61 157.5 96.5 144.7#
98 61.2 51.3 76.9



#22
Diisopropyl ether
Concen: 98.913 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion: 45 Resp: 1061614
Ion Ratio Lower Upper
45 100
43 55.9 44.1 66.1
87 22.7 27.0 40.6#
59 10.4 9.6 14.4

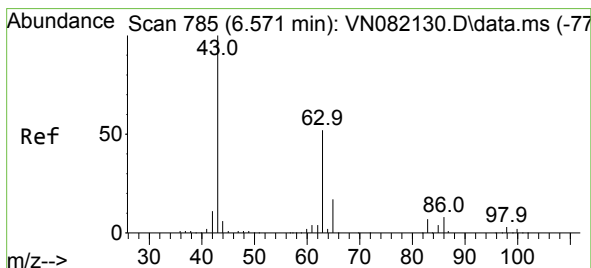
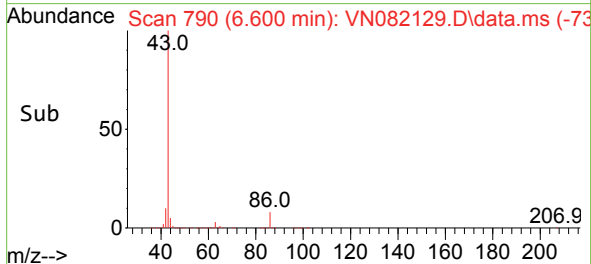
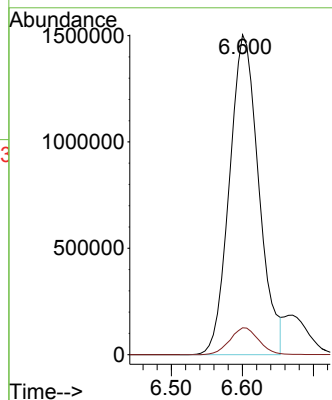
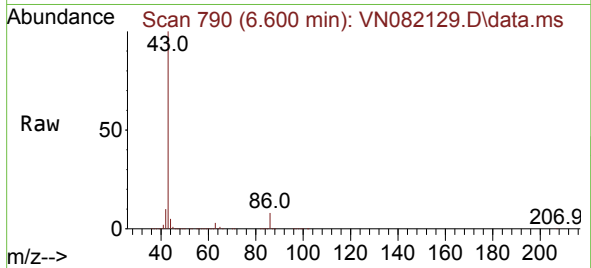




#23
 Vinyl Acetate
 Concen: 509.898 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN082129.D
 Acq: 15 May 2024 13:25

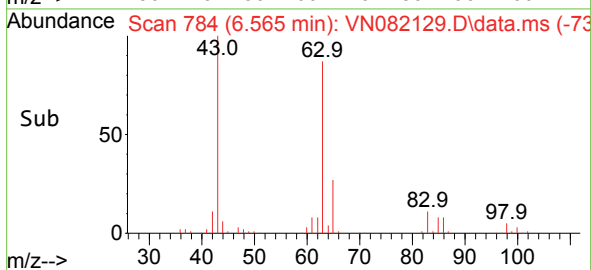
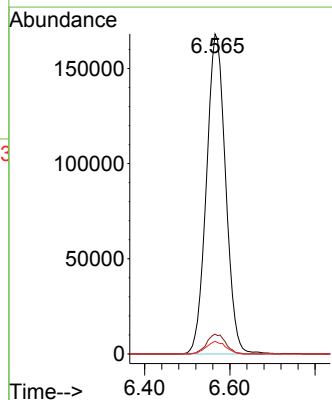
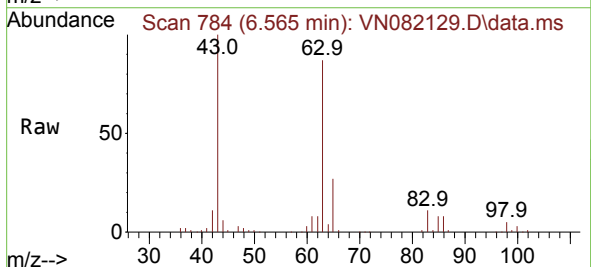
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

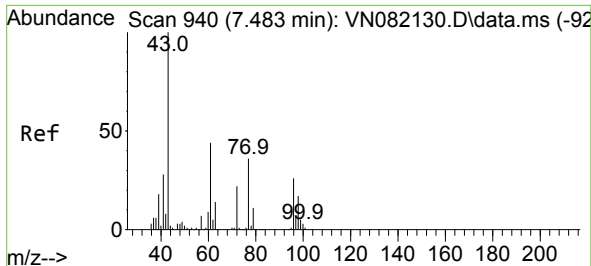
Tgt Ion: 43 Resp: 4314783
 Ion Ratio Lower Upper
 43 100
 86 8.4 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 94.987 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082129.D
 Acq: 15 May 2024 13:25

Tgt Ion: 63 Resp: 525471
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.6 10.9
 100 4.0 2.6 7.8

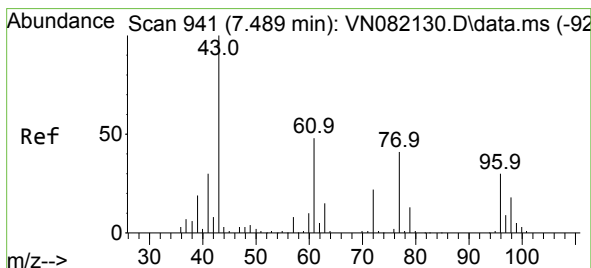
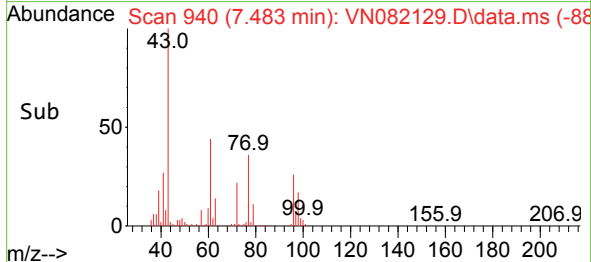
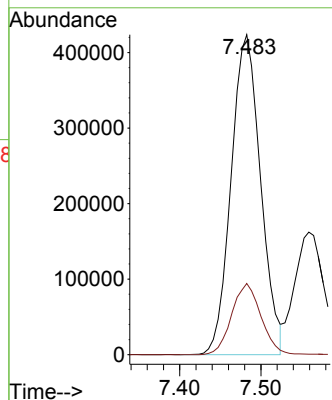
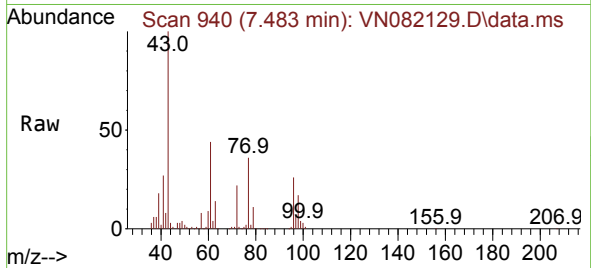




#25
2-Butanone
Concen: 495.250 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

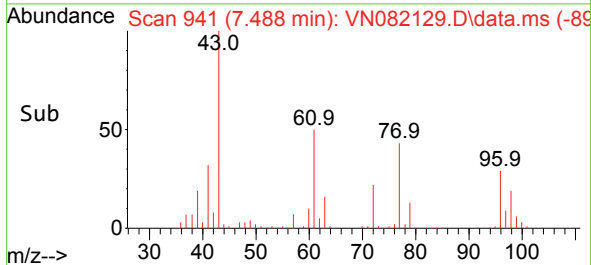
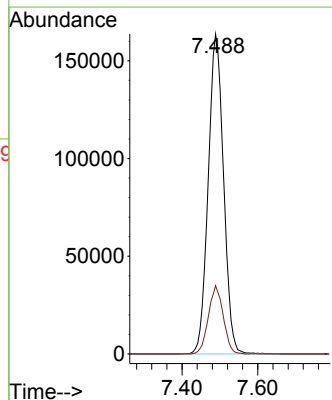
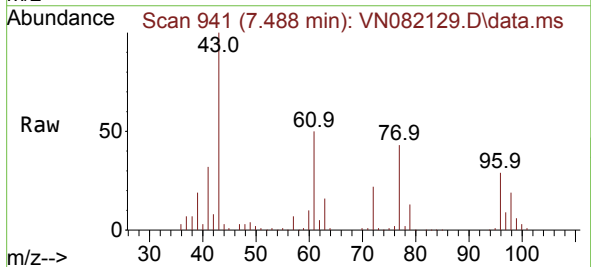
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

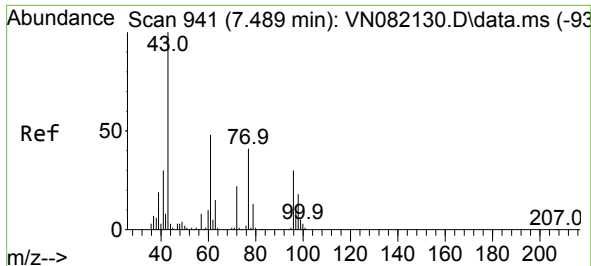
Tgt Ion: 43 Resp: 1069159
Ion Ratio Lower Upper
43 100
72 22.3 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 99.145 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion: 77 Resp: 459396
Ion Ratio Lower Upper
77 100
97 20.6 11.3 33.9

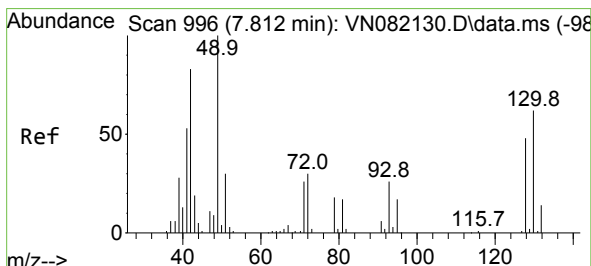
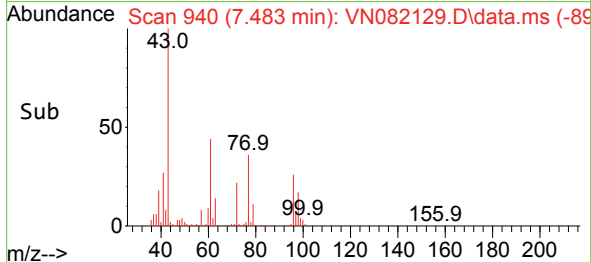
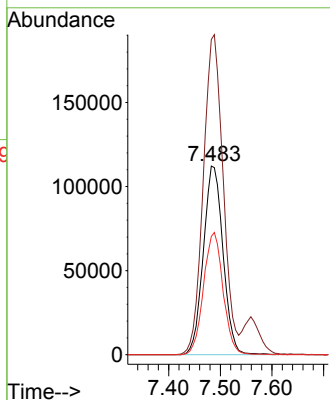
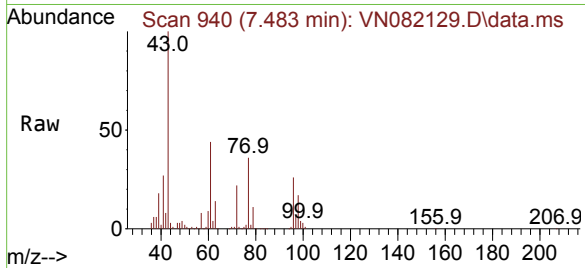




#27
 cis-1,2-Dichloroethene
 Concen: 96.370 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN082129.D
 Acq: 15 May 2024 13:25

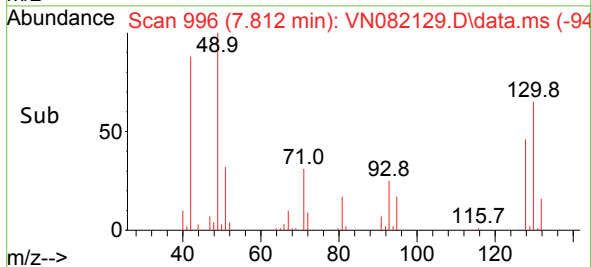
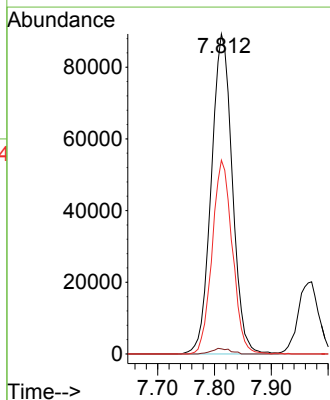
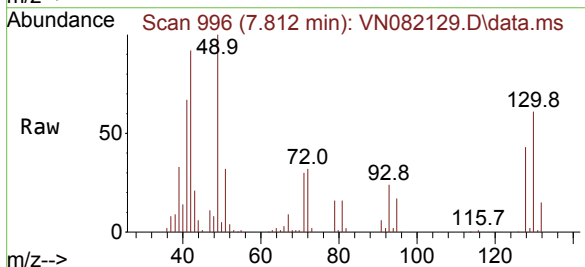
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

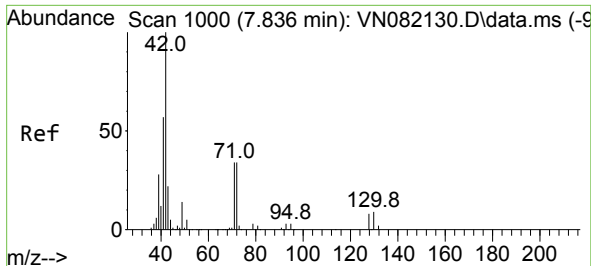
Tgt Ion: 96 Resp: 297543
 Ion Ratio Lower Upper
 96 100
 61 170.4 0.0 268.0
 98 64.2 0.0 126.8



#28
 Bromochloromethane
 Concen: 99.903 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082129.D
 Acq: 15 May 2024 13:25

Tgt Ion: 49 Resp: 229526
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 58.1 66.7 100.1#





#29

Tetrahydrofuran

Concen: 484.584 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

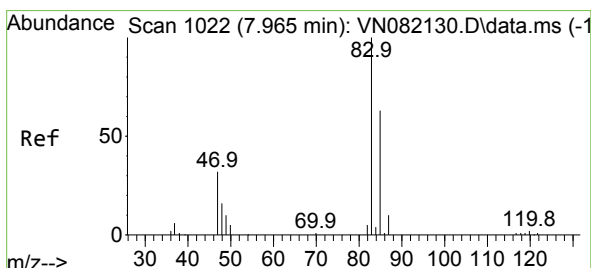
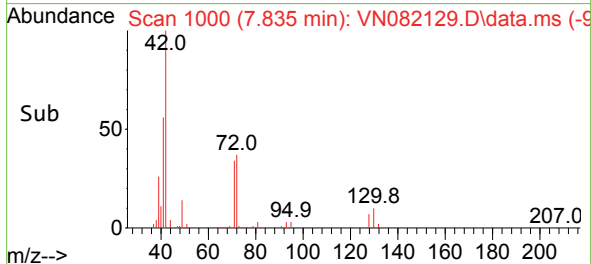
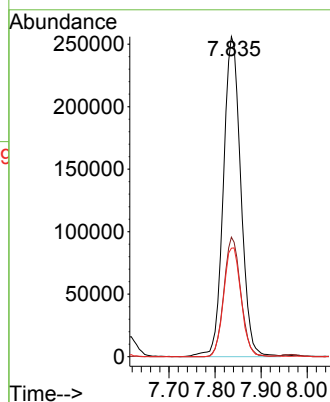
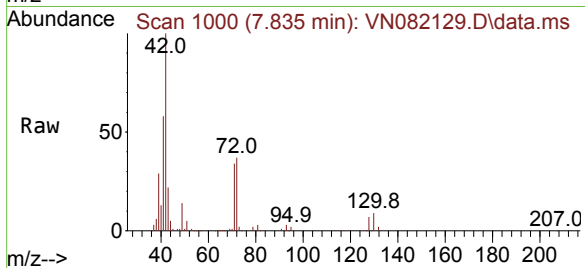
Tgt Ion: 42 Resp: 671675

Ion Ratio Lower Upper

42 100

72 36.1 39.3 58.9#

71 34.1 37.4 56.0#



#30

Chloroform

Concen: 95.681 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082129.D

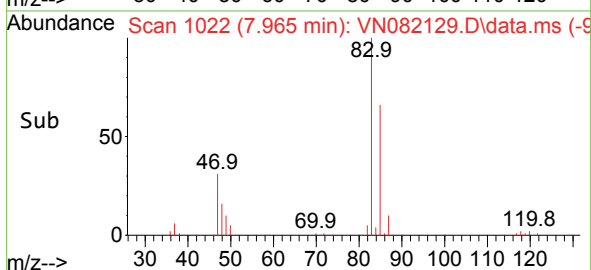
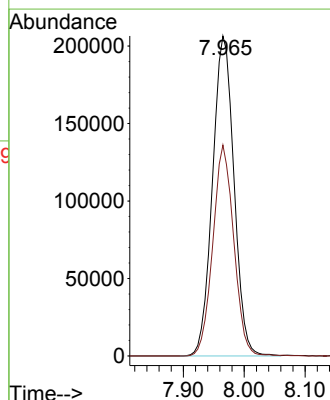
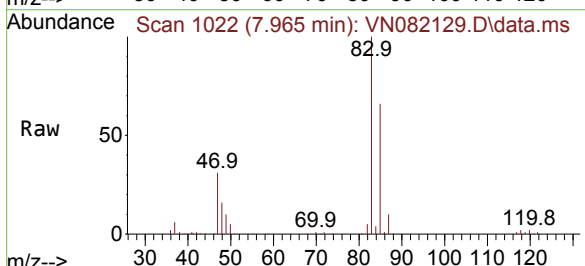
Acq: 15 May 2024 13:25

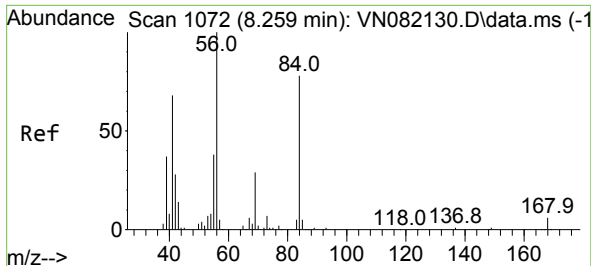
Tgt Ion: 83 Resp: 505461

Ion Ratio Lower Upper

83 100

85 65.9 50.7 76.1

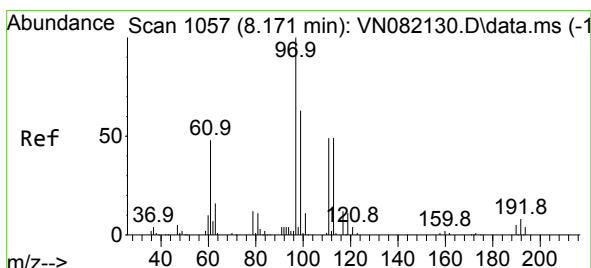
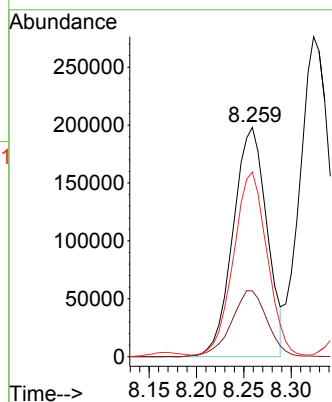
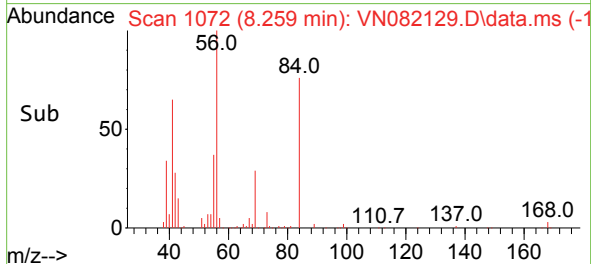
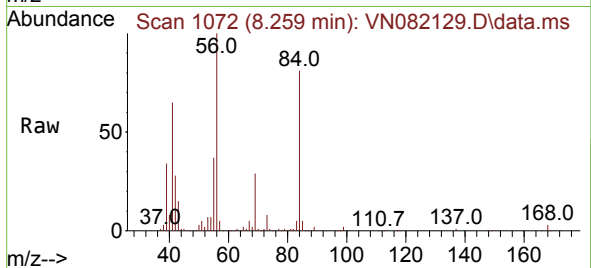




#31
Cyclohexane
Concen: 88.805 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

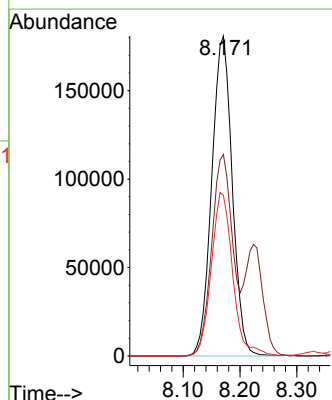
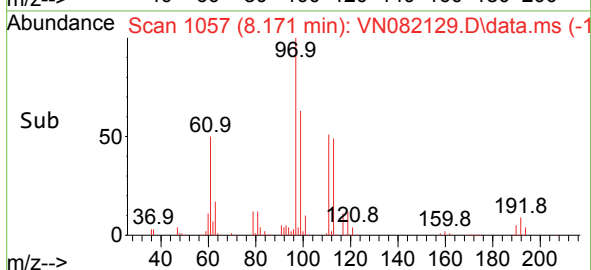
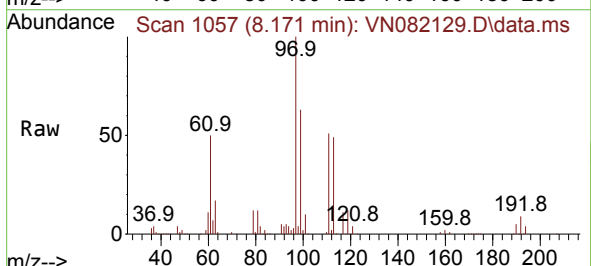
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

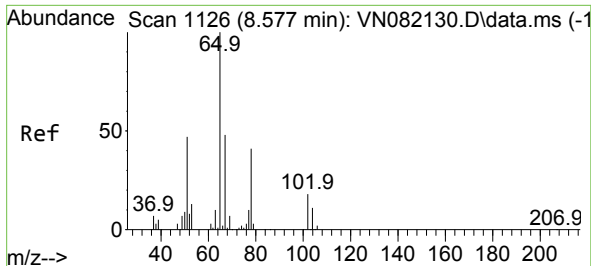
Tgt Ion: 56 Resp: 492318
Ion Ratio Lower Upper
56 100
69 28.7 24.4 36.6
84 79.2 77.0 115.4



#32
1,1,1-Trichloroethane
Concen: 96.674 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion: 97 Resp: 453082
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 53.3 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 94.203 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

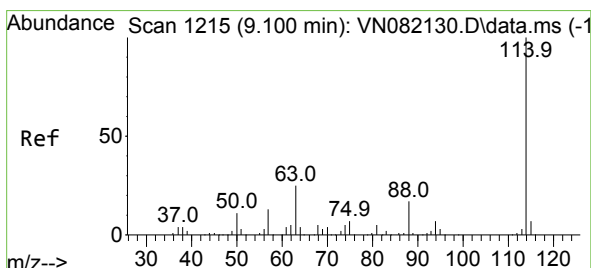
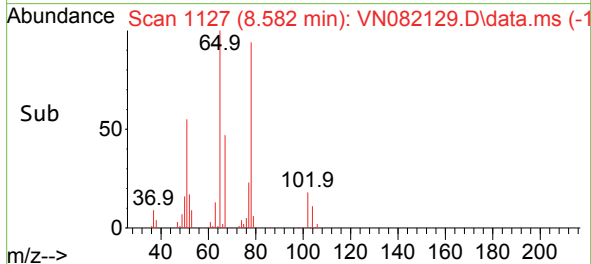
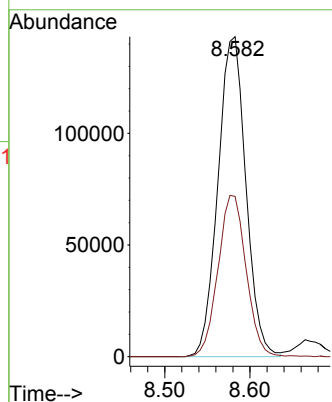
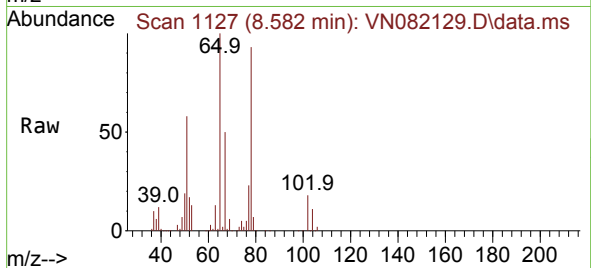
VSTDIC100

Tgt Ion: 65 Resp: 326981

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

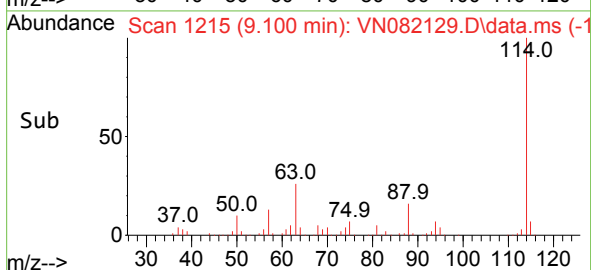
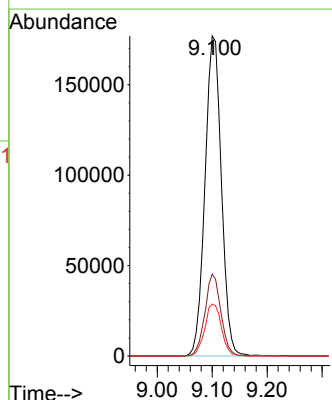
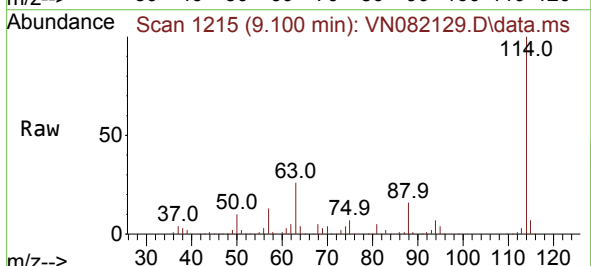
Tgt Ion: 114 Resp: 366941

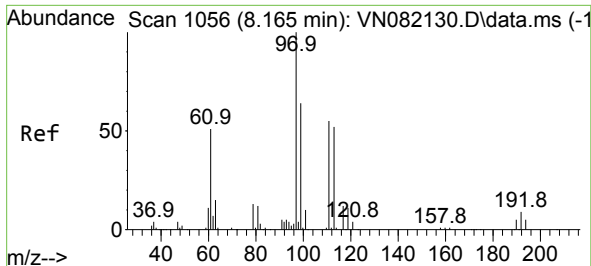
Ion Ratio Lower Upper

114 100

63 25.6 0.0 41.0

88 16.2 0.0 31.4

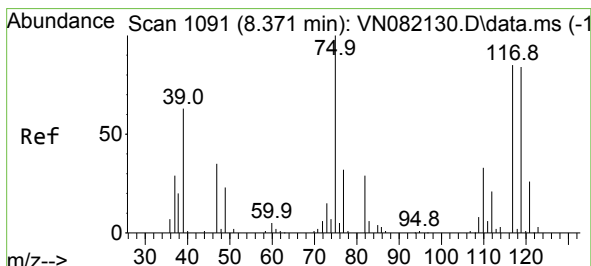
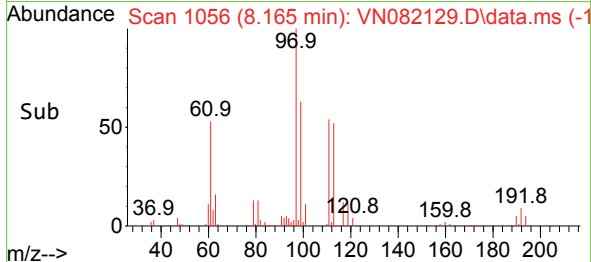
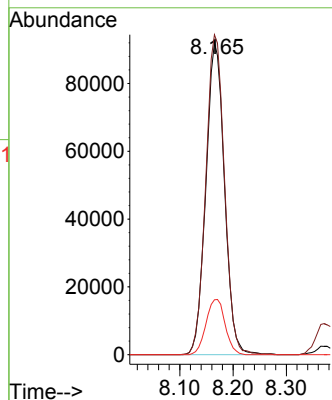
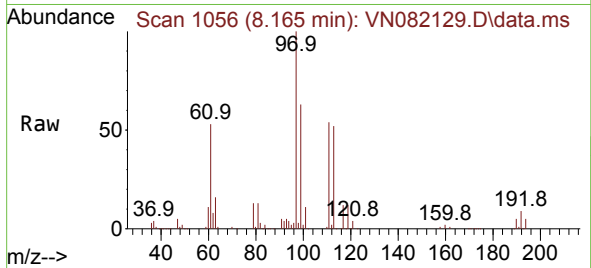




#35
Dibromofluoromethane
Concen: 98.708 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

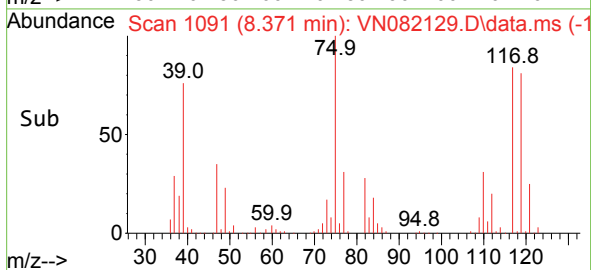
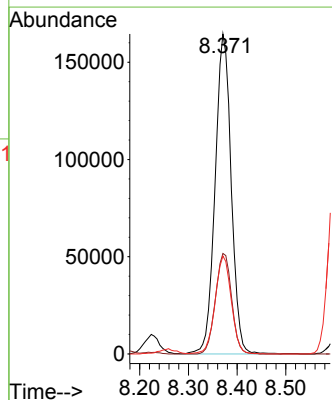
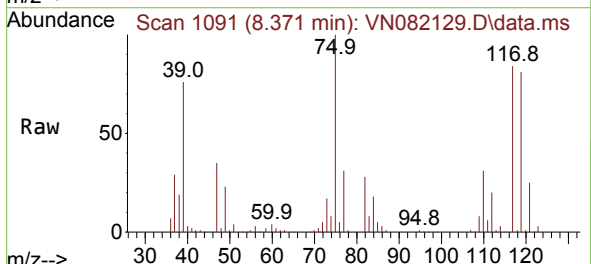
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

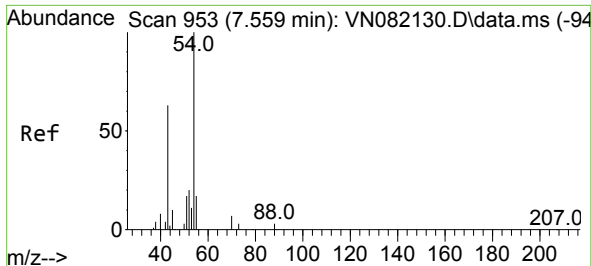
Tgt Ion:113 Resp: 222809
Ion Ratio Lower Upper
113 100
111 103.2 83.4 125.2
192 18.2 14.0 21.0



#36
1,1-Dichloropropene
Concen: 99.812 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion: 75 Resp: 377865
Ion Ratio Lower Upper
75 100
110 31.6 17.8 53.5
77 30.8 25.0 37.4

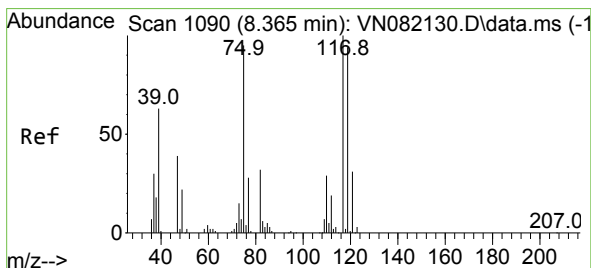
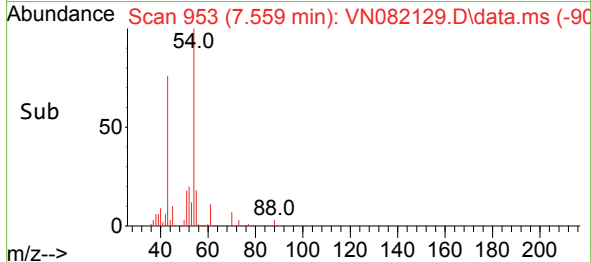
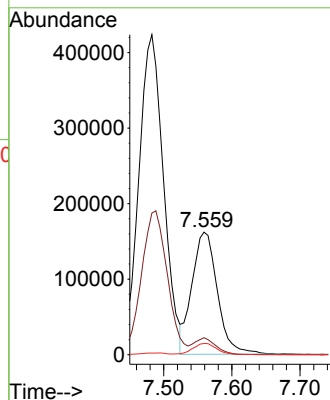
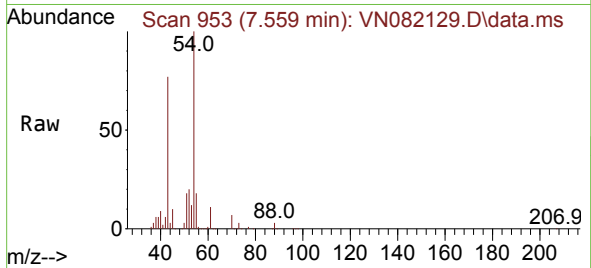




#37
Ethyl Acetate
Concen: 99.169 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

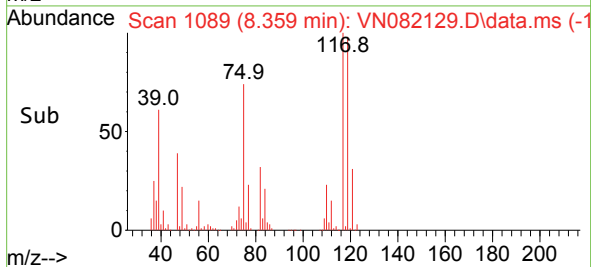
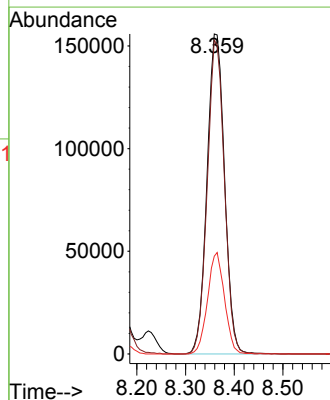
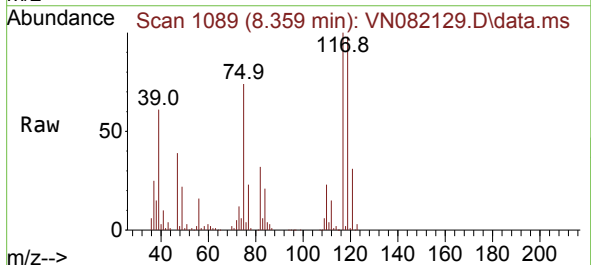
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

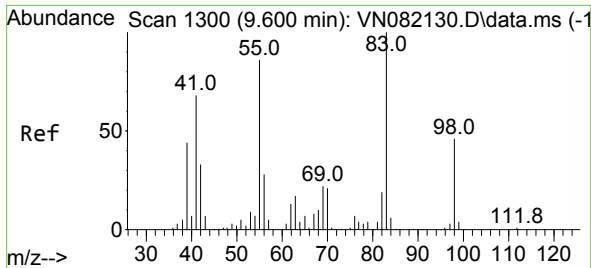
Tgt Ion: 43 Resp: 420154
Ion Ratio Lower Upper
43 100
61 11.7 11.3 16.9
70 8.7 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 101.406 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion: 117 Resp: 389164
Ion Ratio Lower Upper
117 100
119 98.1 76.5 114.7
121 30.6 23.9 35.9

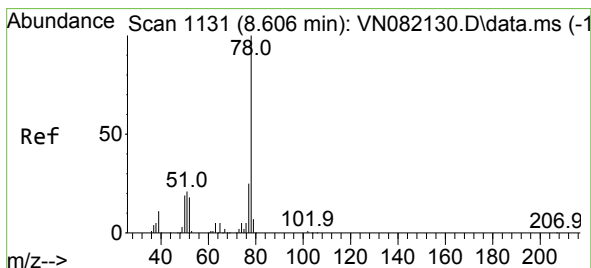
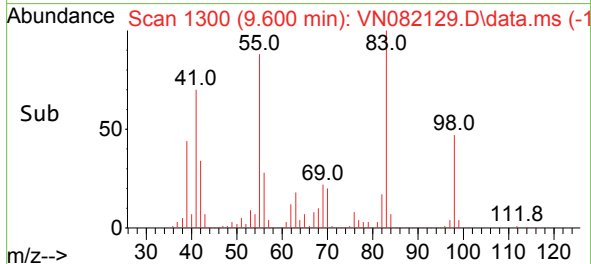
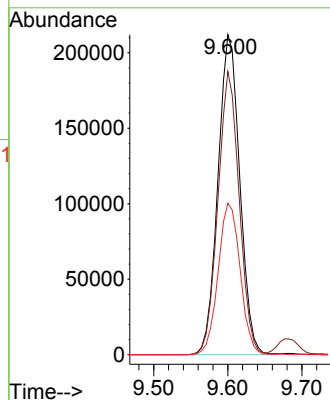
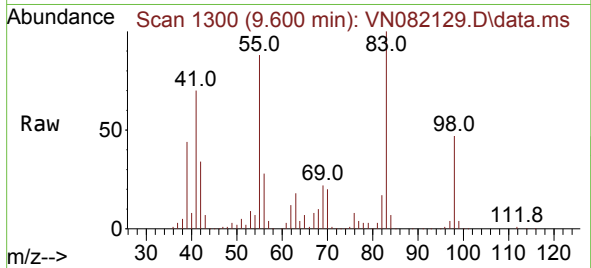




#39
Methylcyclohexane
Concen: 104.473 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

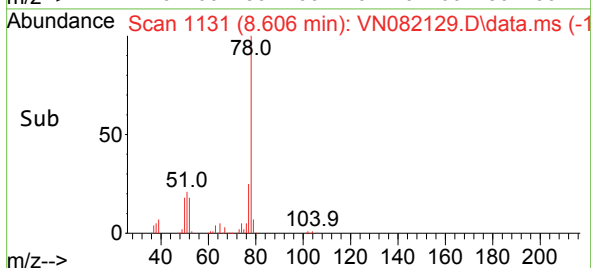
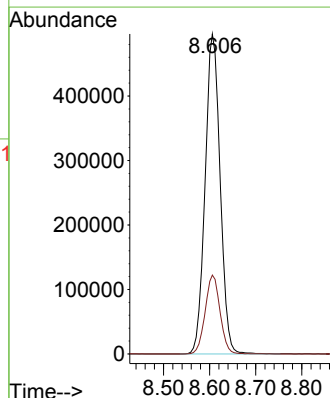
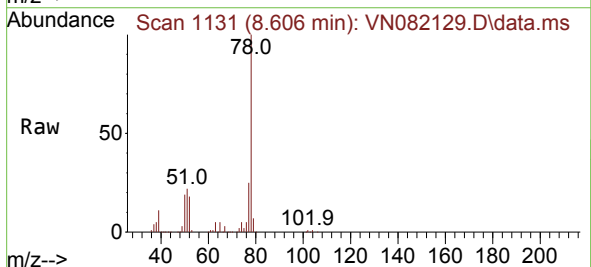
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

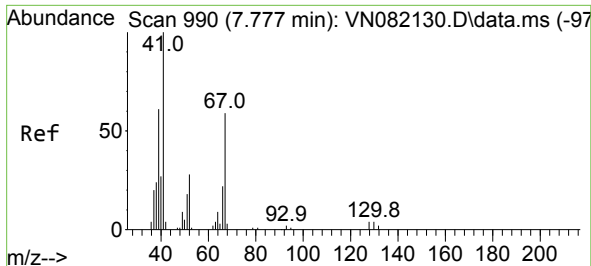
Tgt Ion: 83 Resp: 433532
Ion Ratio Lower Upper
83 100
55 88.5 53.0 79.6#
98 47.3 37.1 55.7



#40
Benzene
Concen: 99.971 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

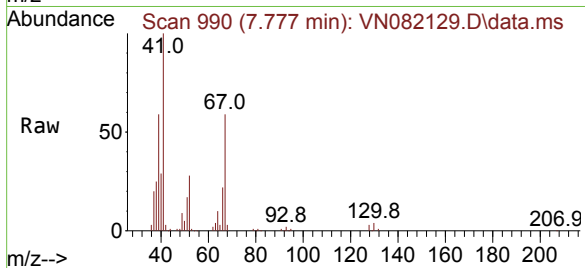
Tgt Ion: 78 Resp: 1128584
Ion Ratio Lower Upper
78 100
77 24.7 20.0 30.0



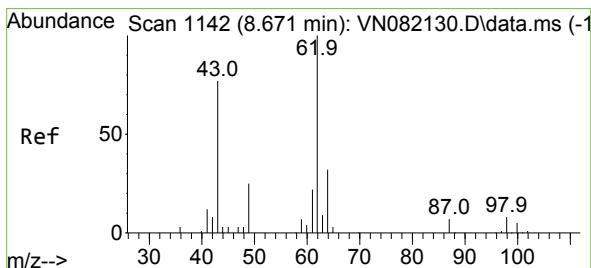
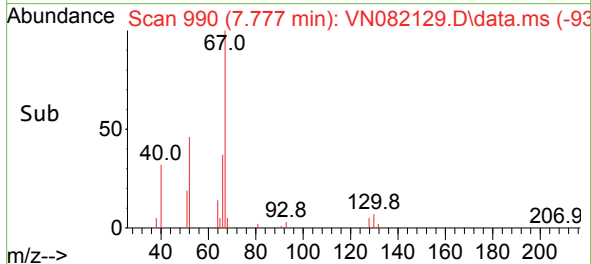
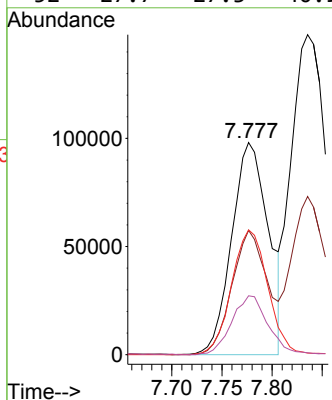


#41
Methacrylonitrile
Concen: 100.526 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

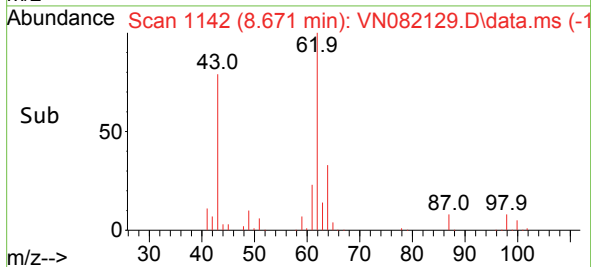
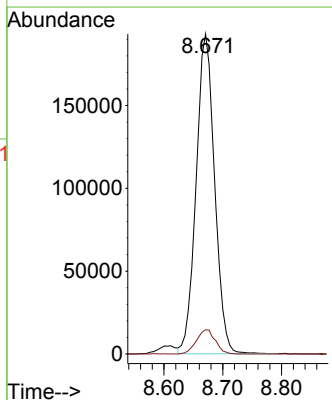
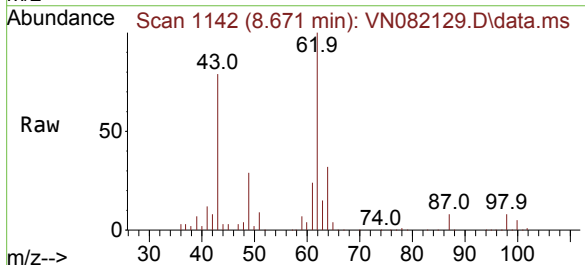


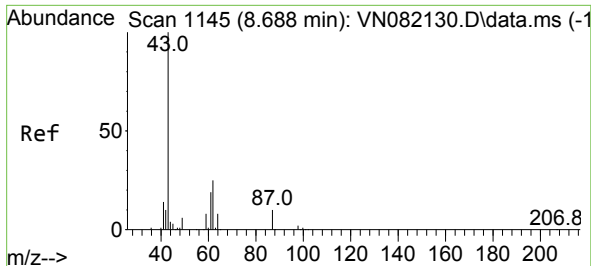
Tgt Ion:	41	Resp:	250478
Ion	Ratio	Lower	Upper
41	100		
39	56.7	46.6	69.8
67	58.4	67.3	100.9
52	27.7	27.3	40.9



#42
1,2-Dichloroethane
Concen: 97.092 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion:	62	Resp:	421557
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	19.6

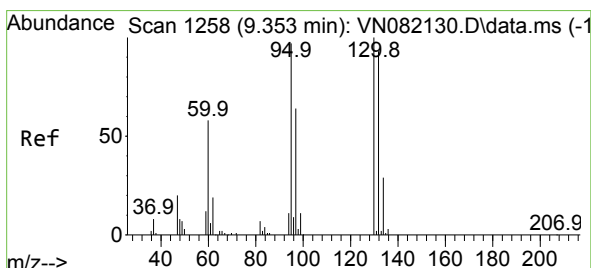
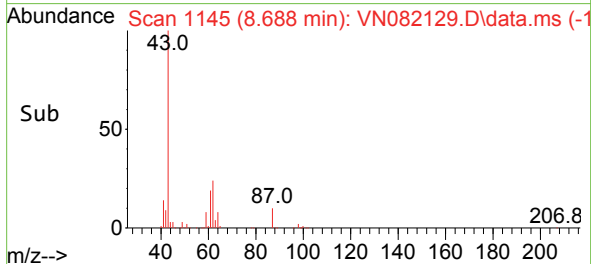
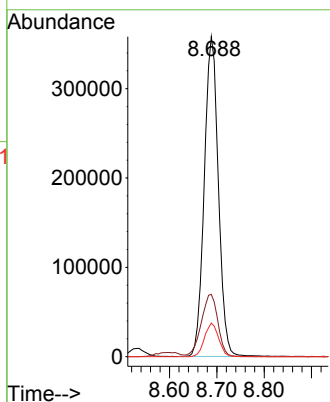
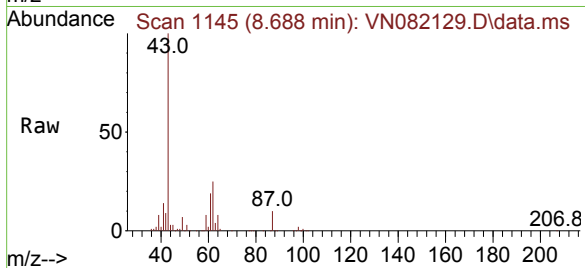




#43
Isopropyl Acetate
Concen: 98.678 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

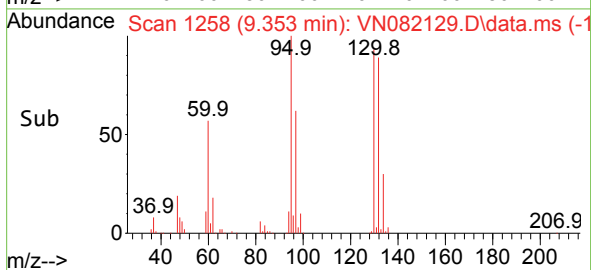
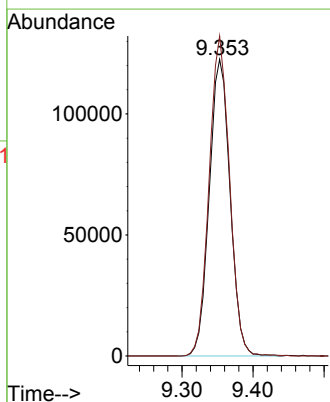
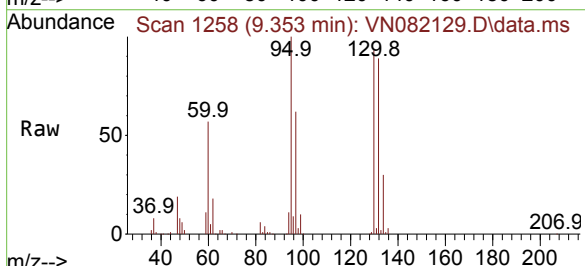
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

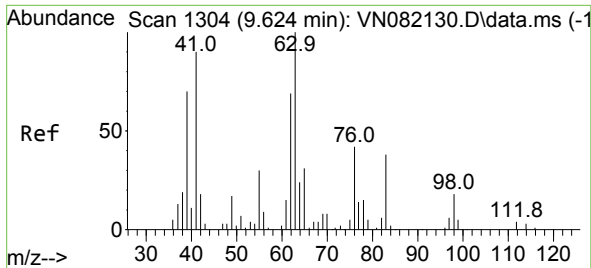
Tgt Ion: 43 Resp: 740798
Ion Ratio Lower Upper
43 100
61 22.9 22.8 34.2
87 10.5 12.0 18.0#



#44
Trichloroethene
Concen: 97.068 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion:130 Resp: 248920
Ion Ratio Lower Upper
130 100
95 107.9 0.0 195.4





#45

1,2-Dichloropropane

Concen: 98.574 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

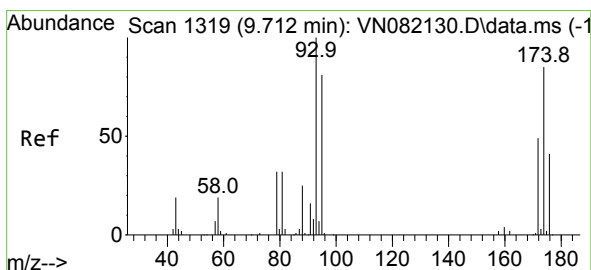
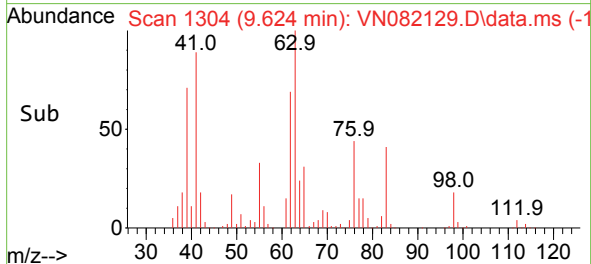
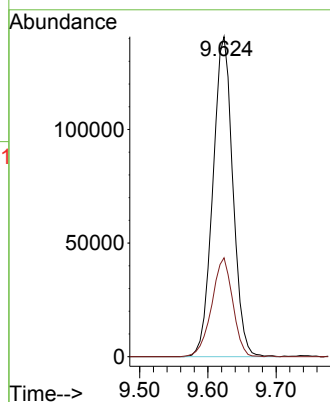
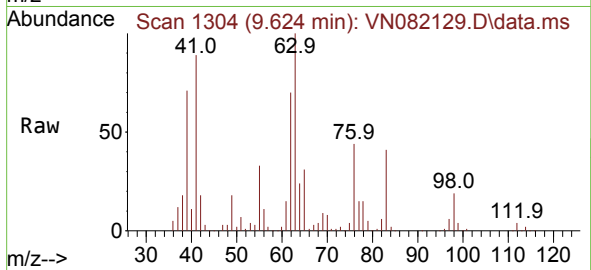
VSTDICC100

Tgt Ion: 63 Resp: 287121

Ion Ratio Lower Upper

63 100

65 30.9 24.1 36.1



#46

Dibromomethane

Concen: 98.540 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

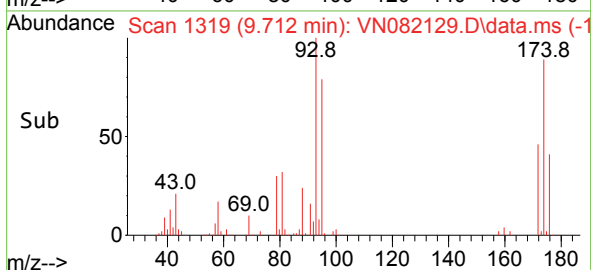
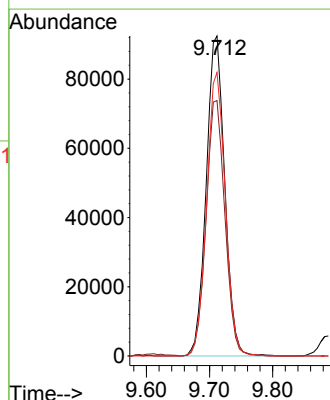
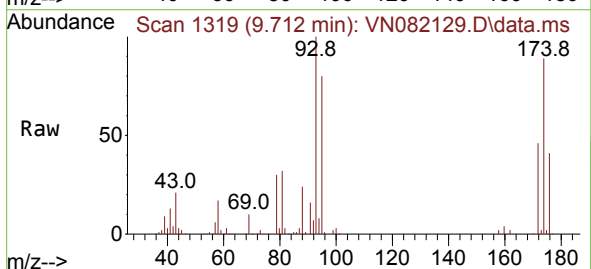
Tgt Ion: 93 Resp: 188439

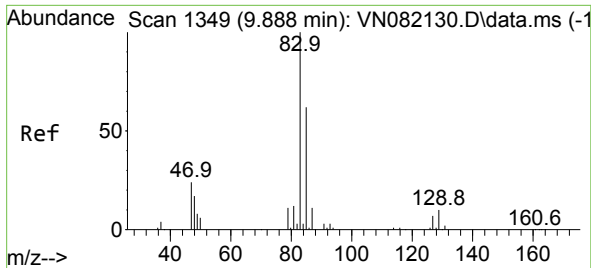
Ion Ratio Lower Upper

93 100

95 81.2 64.8 97.2

174 89.2 73.4 110.0

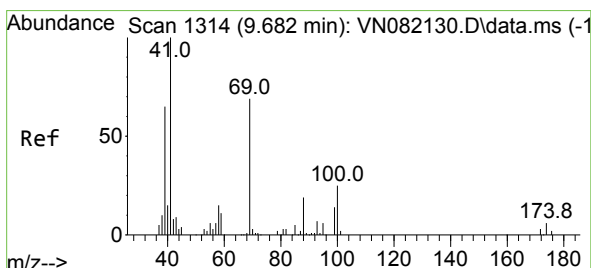
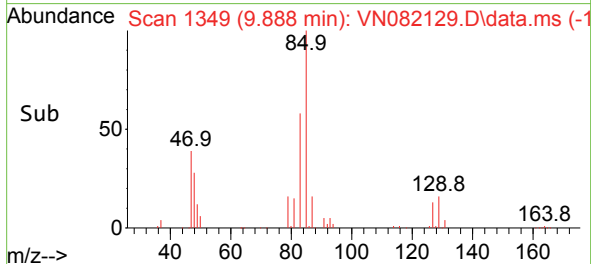
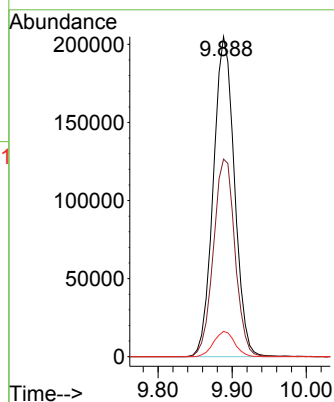
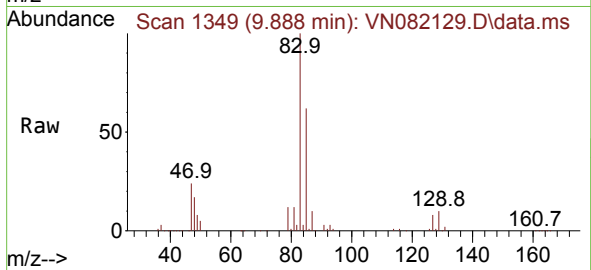




#47
Bromodichloromethane
Concen: 100.422 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

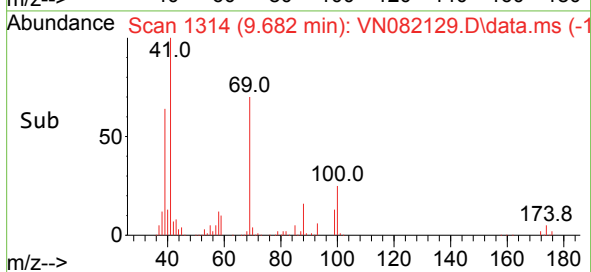
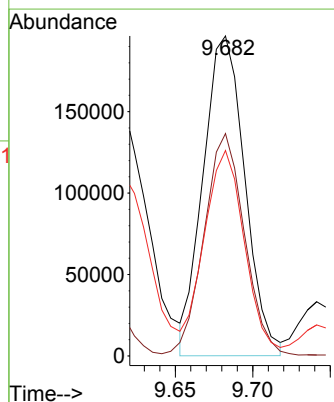
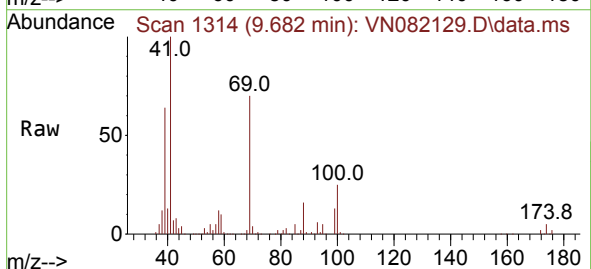
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

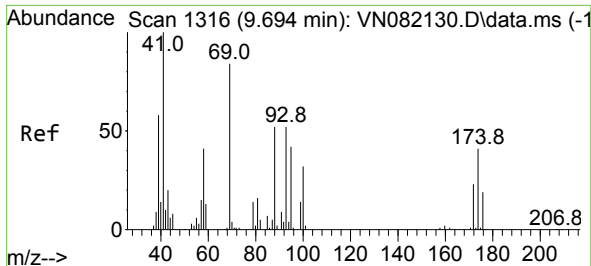
Tgt Ion: 83 Resp: 405407
Ion Ratio Lower Upper
83 100
85 61.8 51.9 77.9
127 7.9 7.5 11.3



#48
Methyl methacrylate
Concen: 102.667 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion: 41 Resp: 367257
Ion Ratio Lower Upper
41 100
69 68.1 77.9 116.9#
39 62.6 50.9 76.3





#49

1,4-Dioxane

Concen: 1995.183 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082129.D

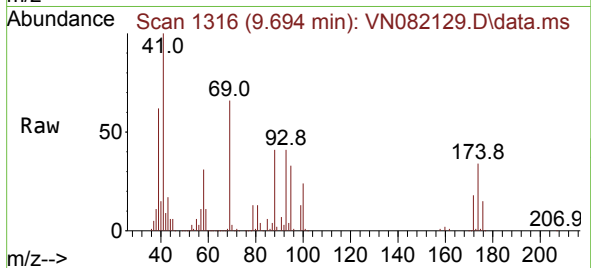
Acq: 15 May 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



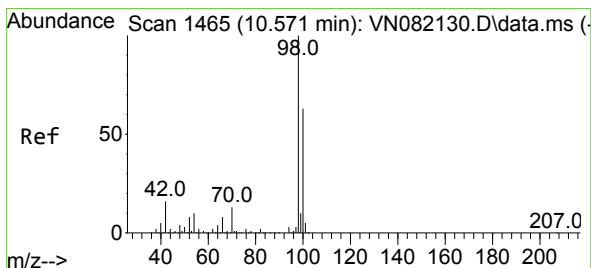
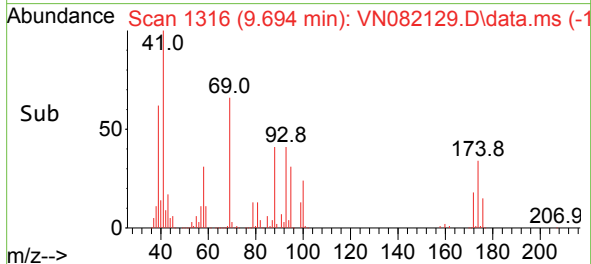
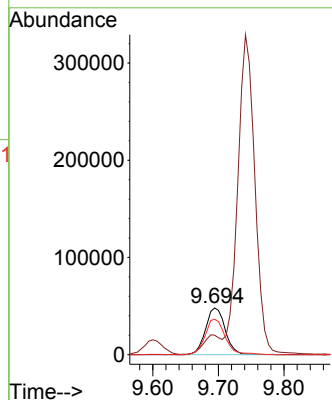
Tgt Ion: 88 Resp: 100011

Ion Ratio Lower Upper

88 100

43 38.5 19.0 28.6#

58 78.5 50.6 76.0#



#50

Toluene-d8

Concen: 100.698 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082129.D

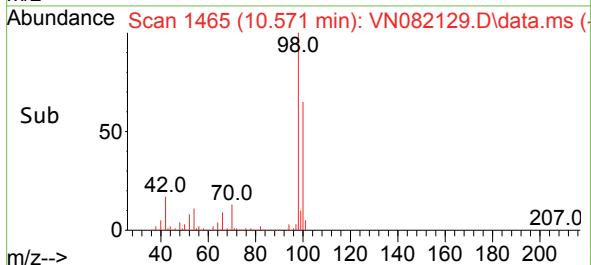
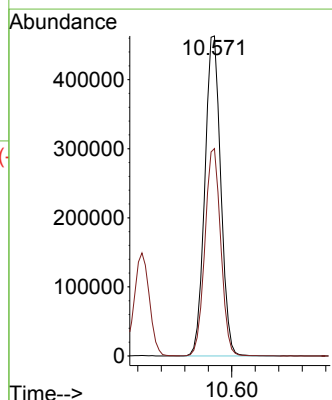
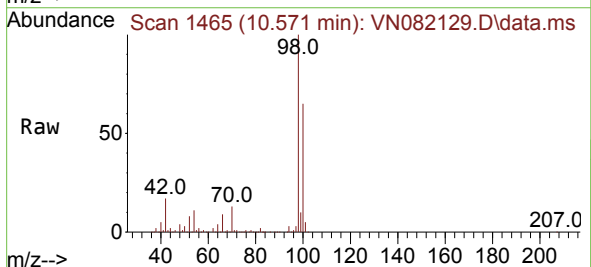
Acq: 15 May 2024 13:25

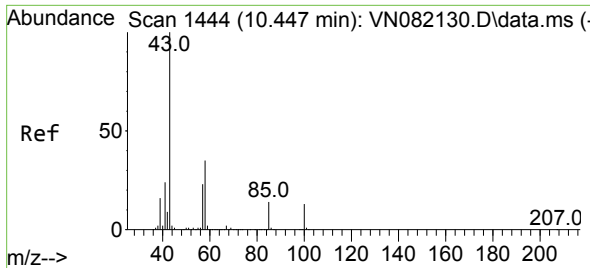
Tgt Ion: 98 Resp: 871452

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.6

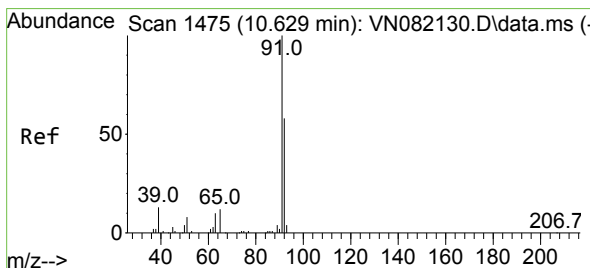
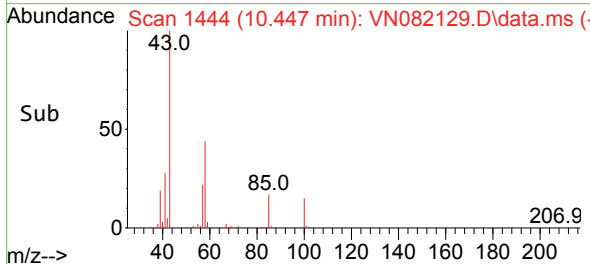
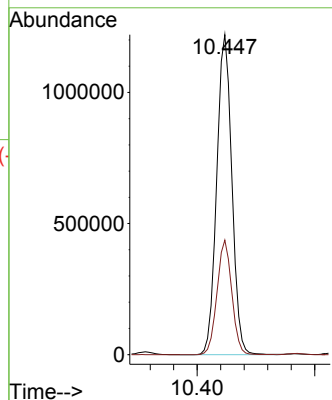
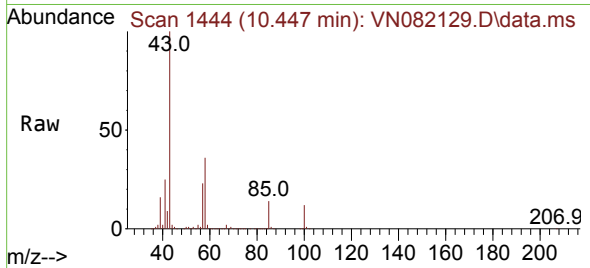




#51
4-Methyl-2-Pentanone
Concen: 511.054 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

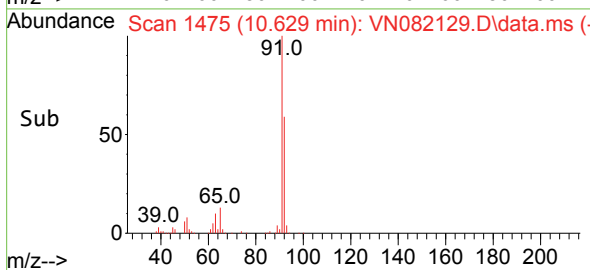
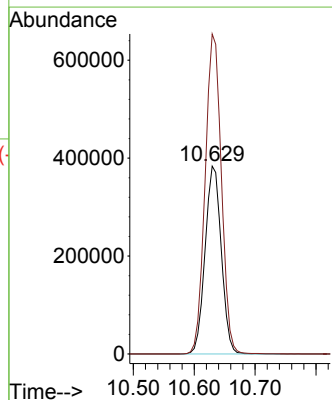
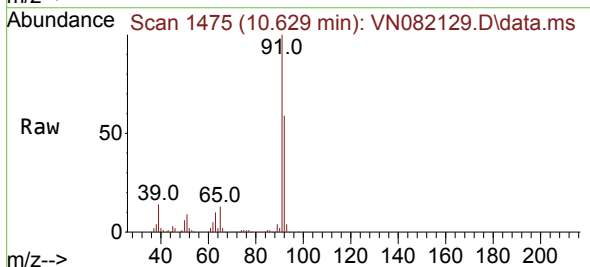
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

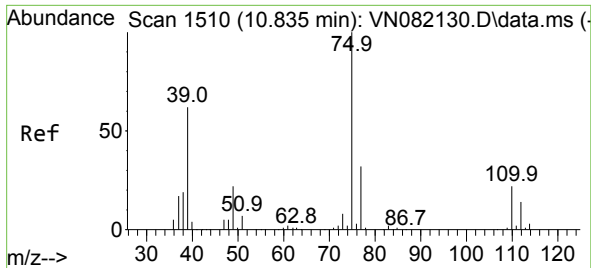
Tgt Ion: 43 Resp: 2179826
Ion Ratio Lower Upper
43 100
58 34.9 33.2 49.8



#52
Toluene
Concen: 104.587 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion: 92 Resp: 708546
Ion Ratio Lower Upper
92 100
91 170.8 136.7 205.1

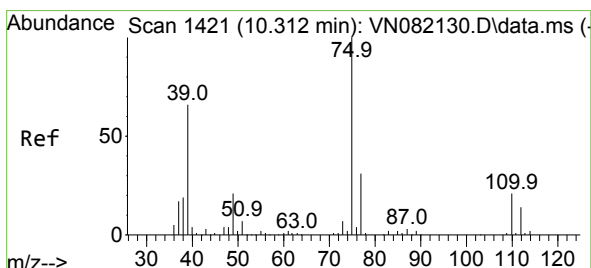
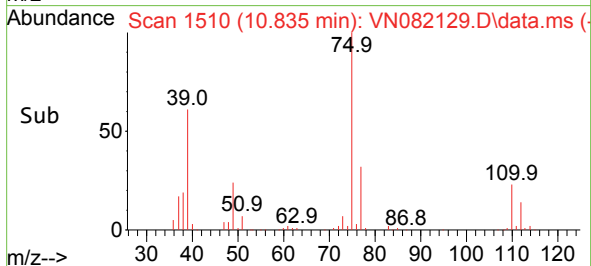
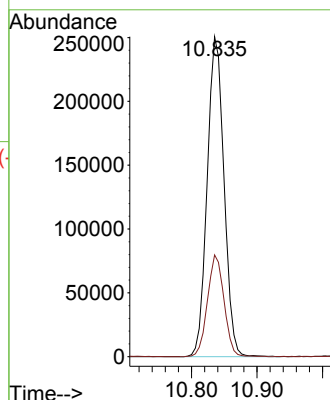
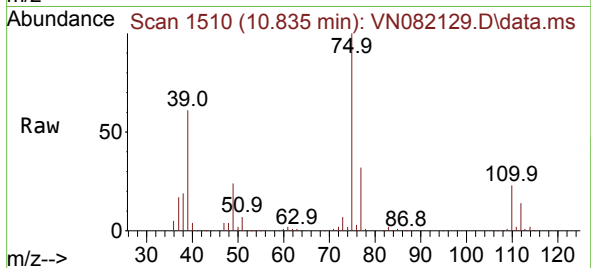




#53
 t-1,3-Dichloropropene
 Concen: 107.122 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN082129.D
 Acq: 15 May 2024 13:25

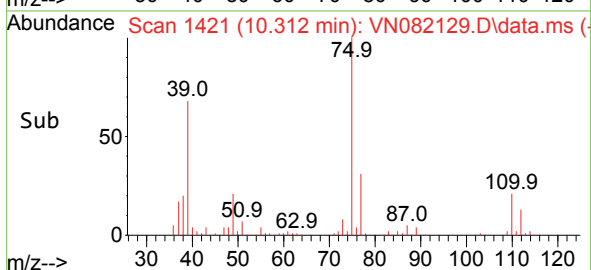
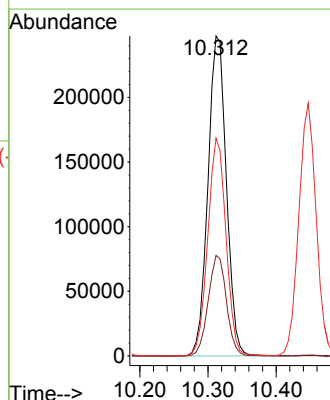
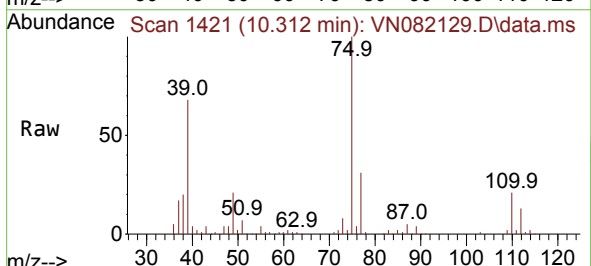
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

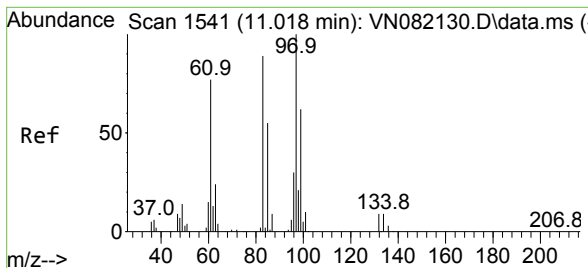
Tgt Ion: 75 Resp: 447259
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 105.495 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082129.D
 Acq: 15 May 2024 13:25

Tgt Ion: 75 Resp: 466240
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4
 39 68.0 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 101.074 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 248842

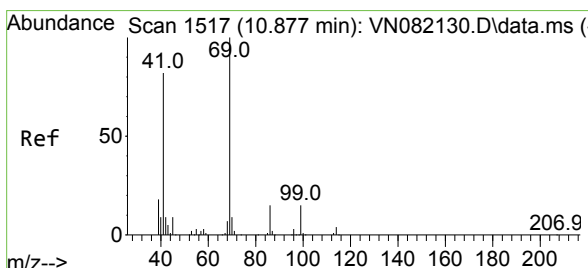
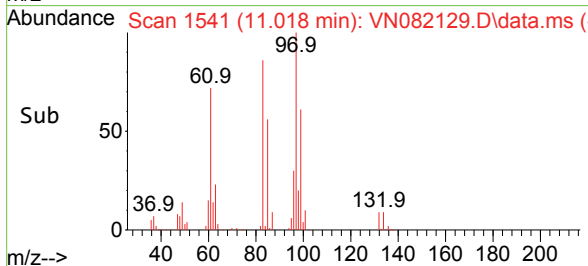
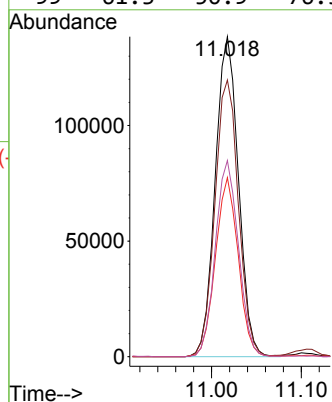
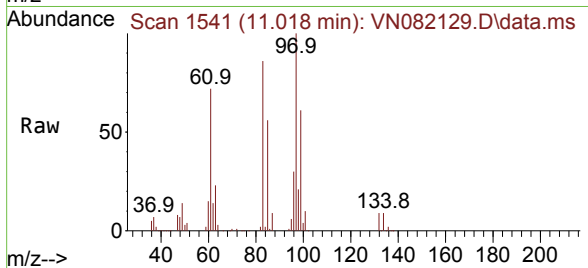
Ion Ratio Lower Upper

97 100

83 86.4 70.4 105.6

85 55.9 45.6 68.4

99 61.3 50.9 76.3



#56

Ethyl methacrylate

Concen: 108.496 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

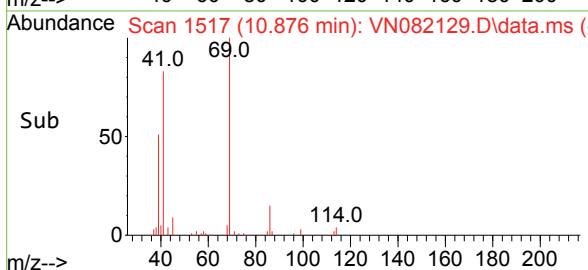
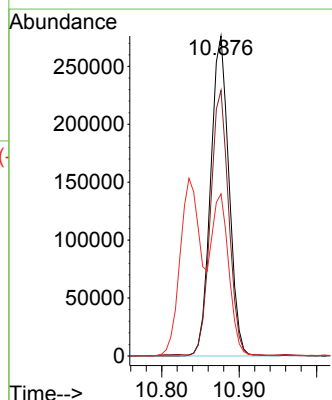
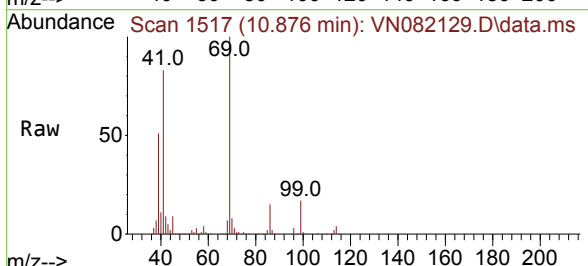
Tgt Ion: 69 Resp: 453503

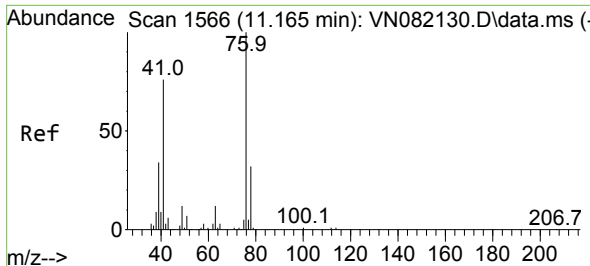
Ion Ratio Lower Upper

69 100

41 81.9 46.6 70.0#

39 46.3 26.5 39.7#





#57

1,3-Dichloropropane

Concen: 98.710 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

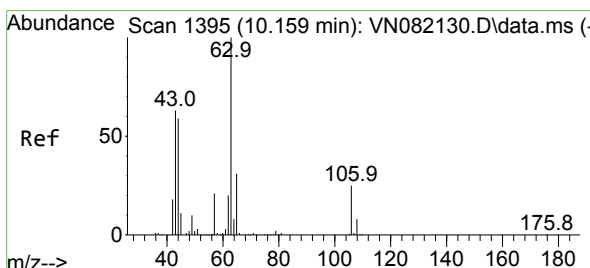
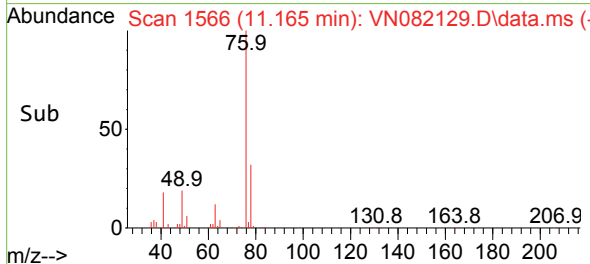
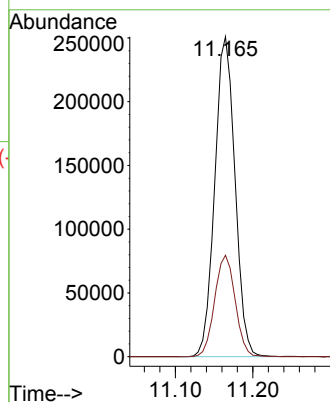
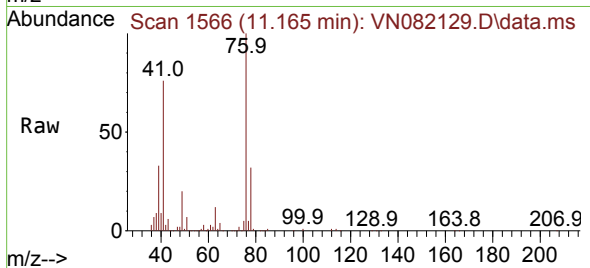
VSTDIC100

Tgt Ion: 76 Resp: 454387

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 507.551 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN082129.D

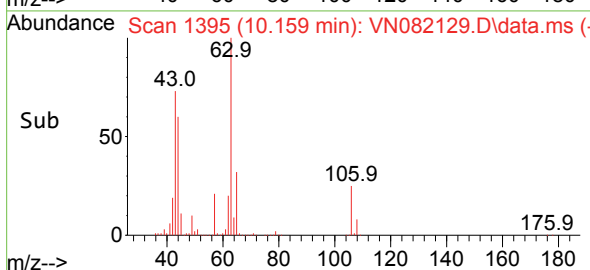
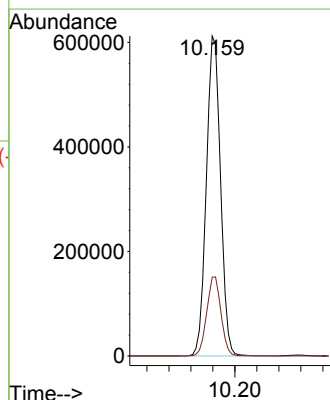
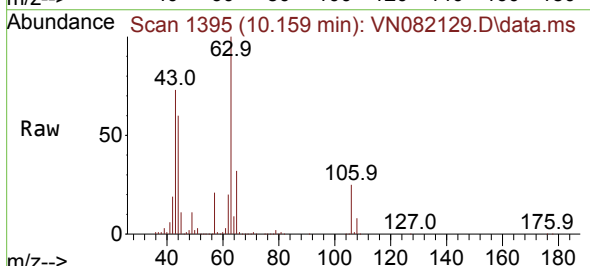
Acq: 15 May 2024 13:25

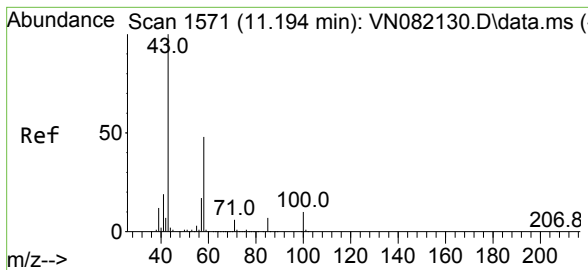
Tgt Ion: 63 Resp: 1094287

Ion Ratio Lower Upper

63 100

106 24.9 24.6 36.8

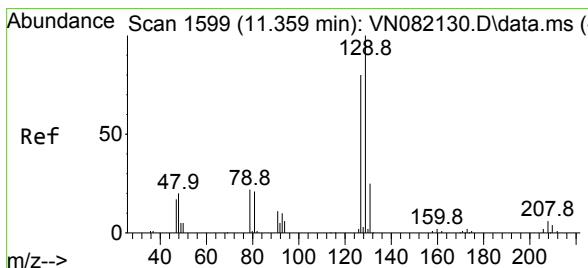
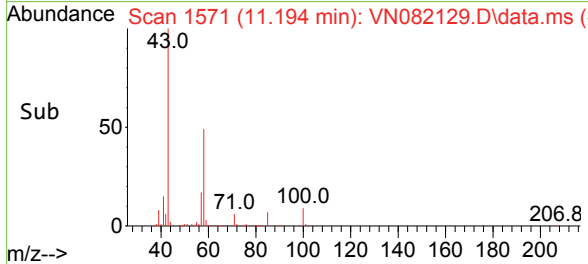
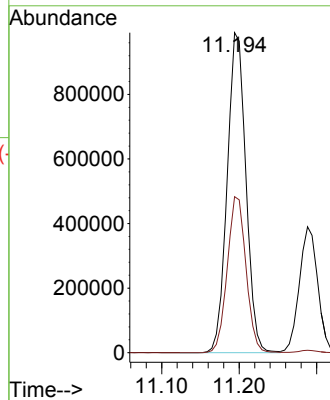
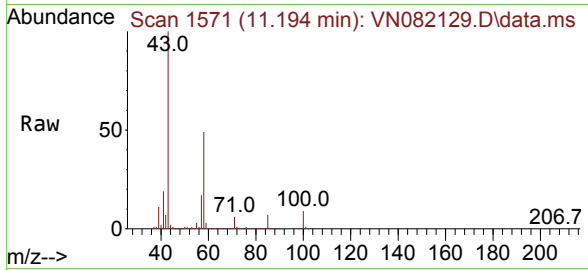




#59
2-Hexanone
Concen: 533.896 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

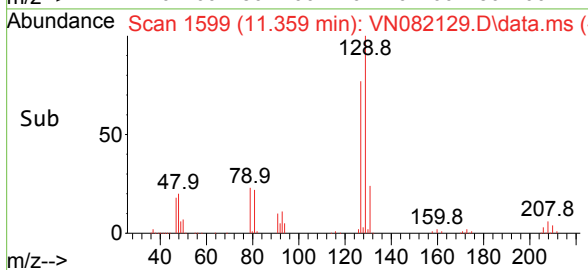
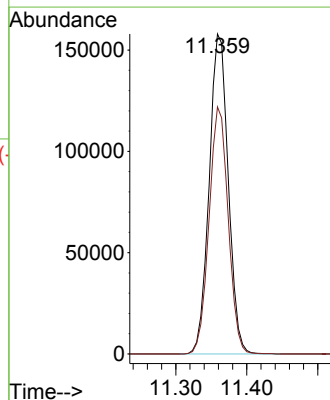
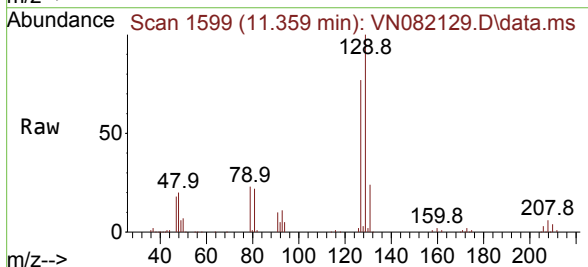
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

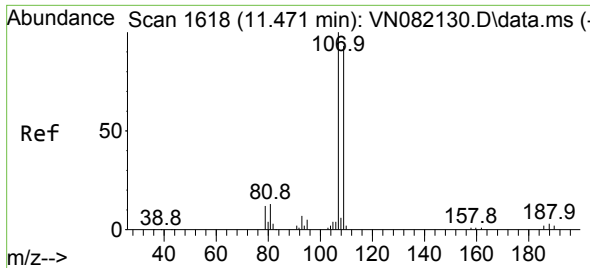
Tgt Ion: 43 Resp: 1667421
Ion Ratio Lower Upper
43 100
58 48.9 28.3 84.9



#60
Dibromochloromethane
Concen: 108.279 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion: 129 Resp: 294188
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.8

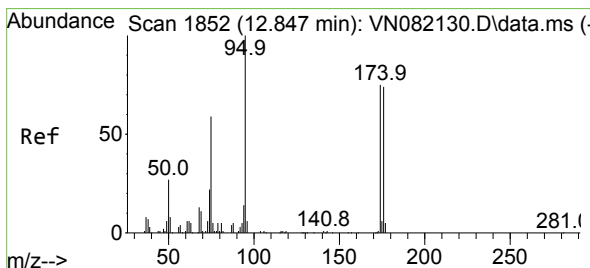
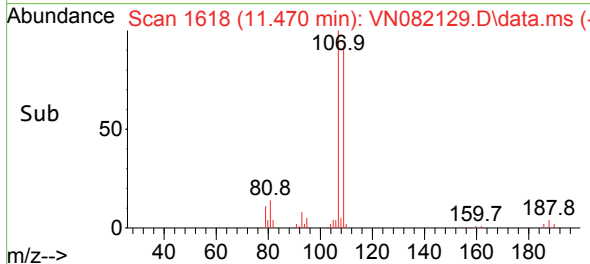
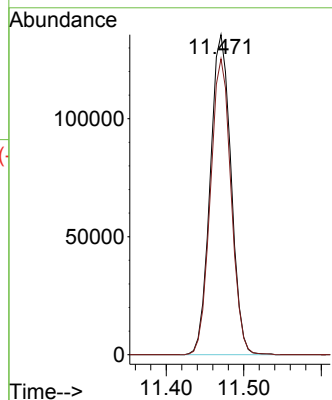
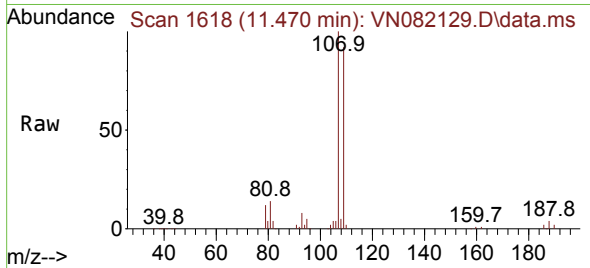




#61
1,2-Dibromoethane
Concen: 99.953 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

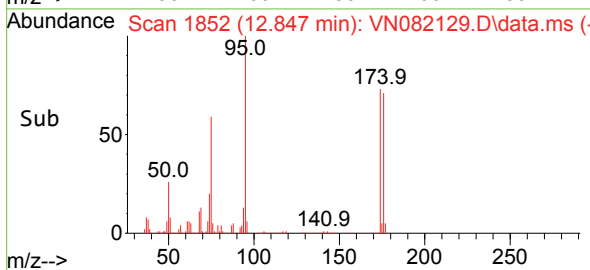
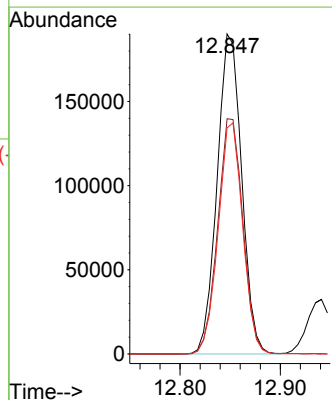
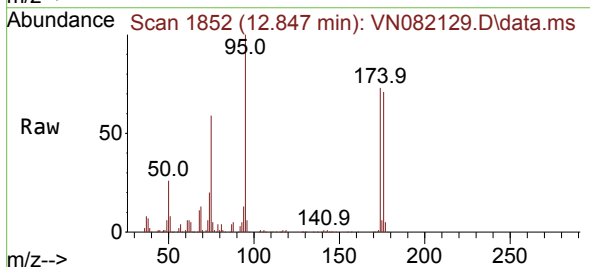
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

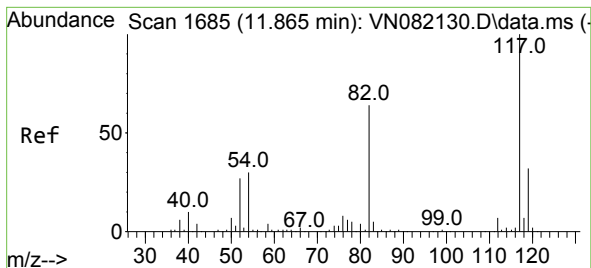
Tgt Ion:107 Resp: 252757
Ion Ratio Lower Upper
107 100
109 91.6 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 104.583 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion: 95 Resp: 323044
Ion Ratio Lower Upper
95 100
174 75.3 0.0 160.6
176 71.9 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

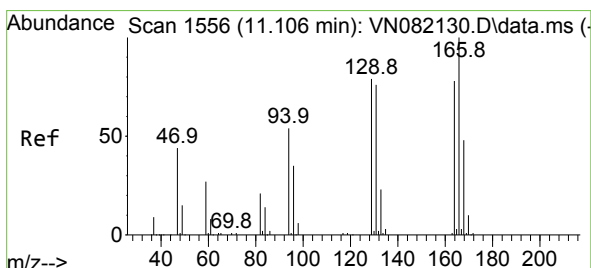
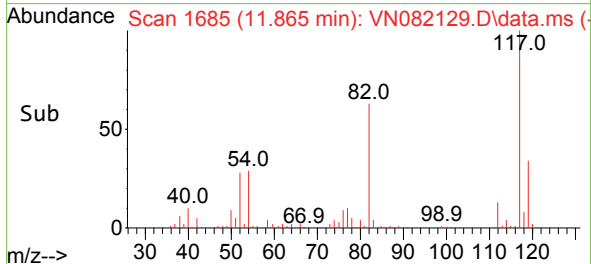
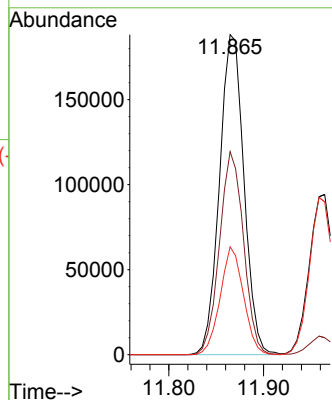
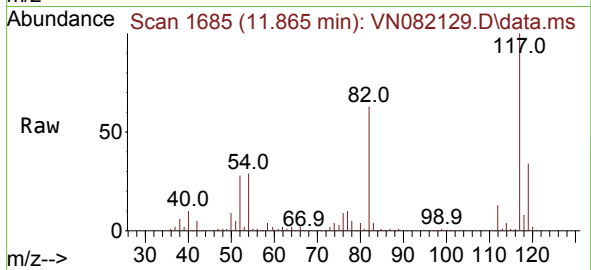
Tgt Ion:117 Resp: 338377

Ion Ratio Lower Upper

117 100

82 63.5 44.6 66.8

119 33.7 25.9 38.9



#64

Tetrachloroethene

Concen: 95.938 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

Tgt Ion:164 Resp: 240617

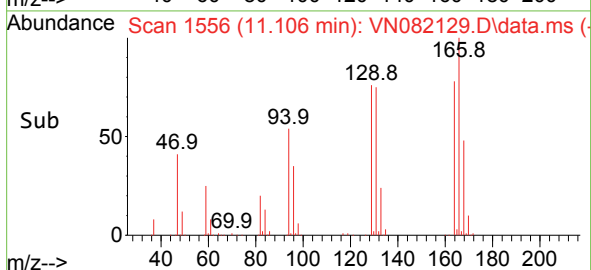
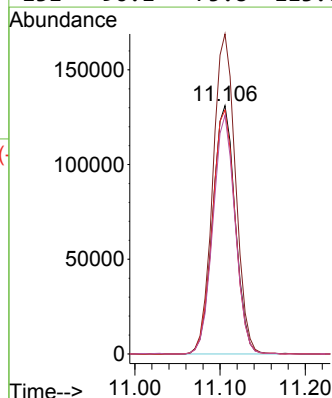
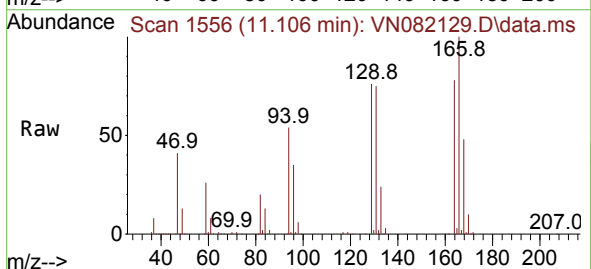
Ion Ratio Lower Upper

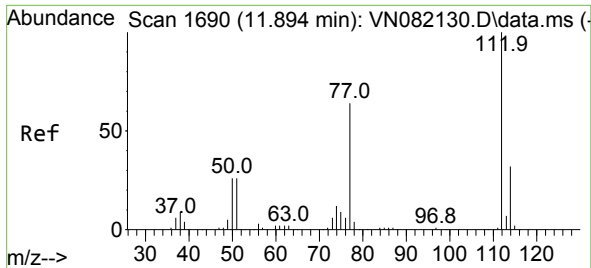
164 100

166 128.8 97.6 146.4

129 98.2 73.7 110.5

131 96.1 75.8 113.6

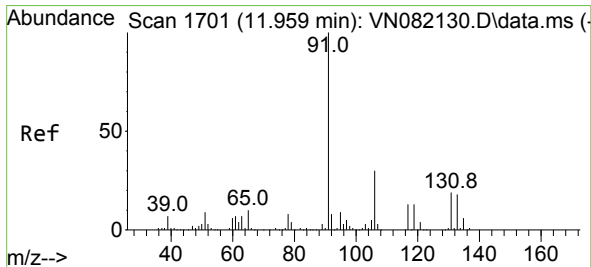
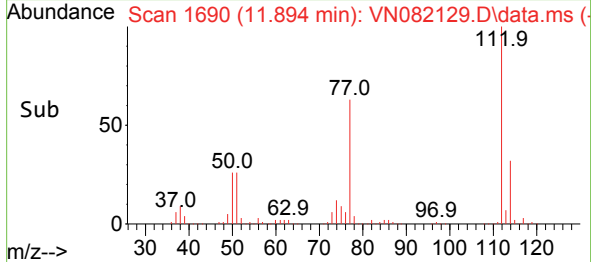
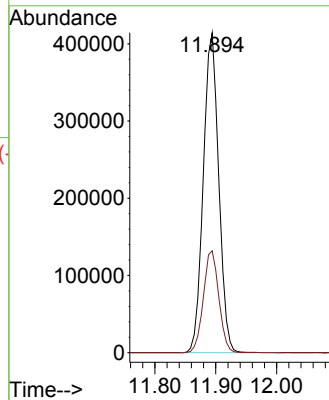
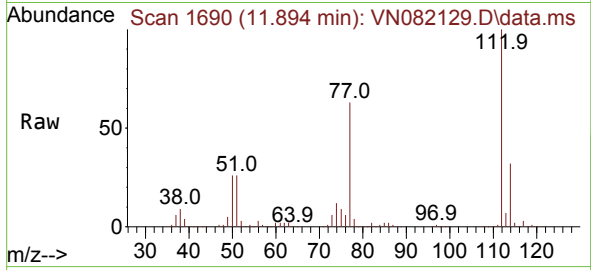




#65
Chlorobenzene
Concen: 97.356 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

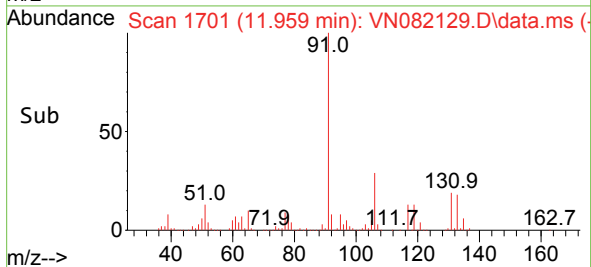
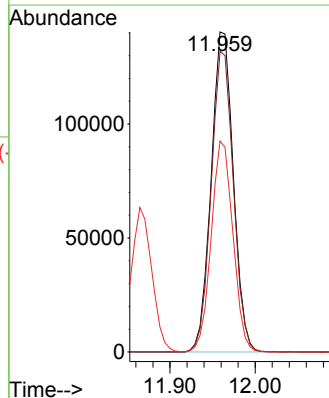
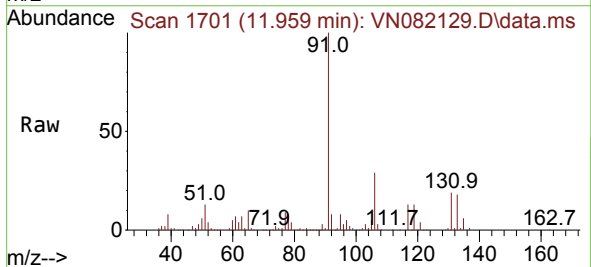
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

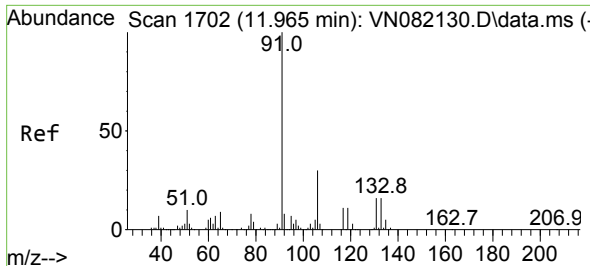
Tgt Ion:112 Resp: 727756
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 103.247 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion:131 Resp: 254225
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.6
119 64.5 32.9 98.7

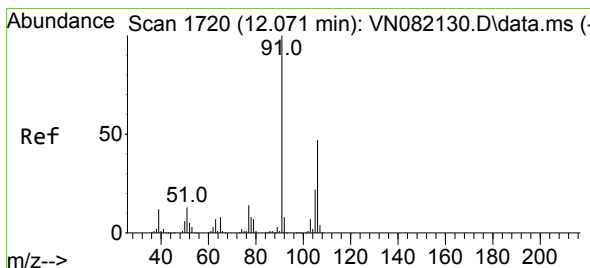
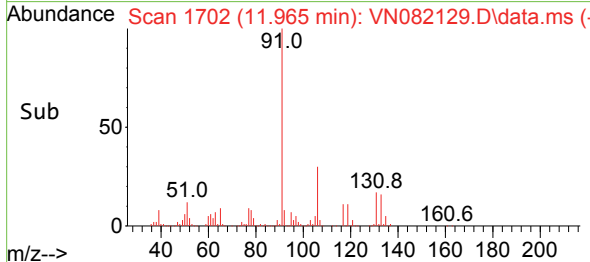
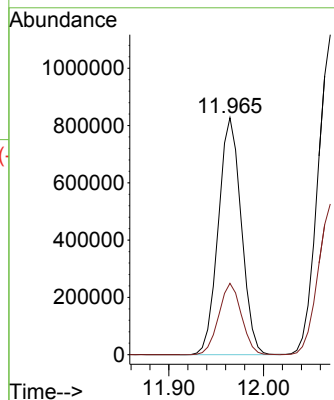
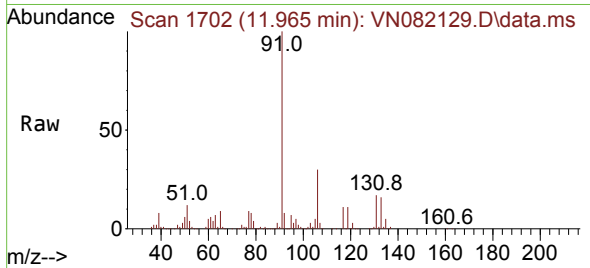




#67
Ethyl Benzene
Concen: 104.286 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

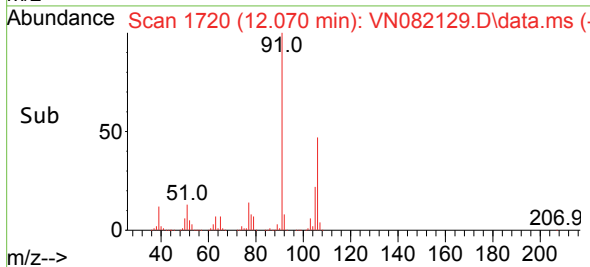
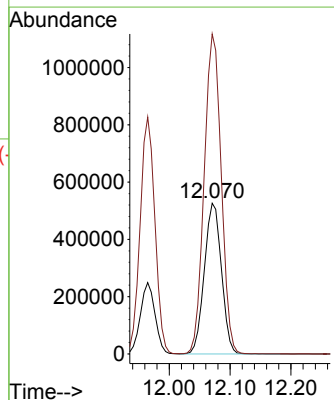
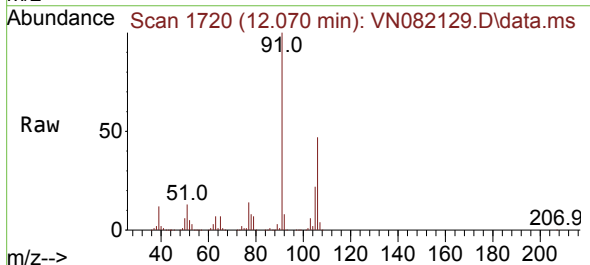
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

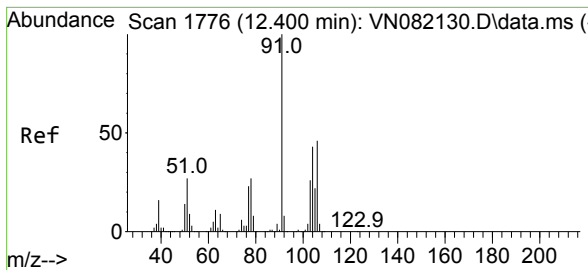
Tgt Ion: 91 Resp: 1394532
Ion Ratio Lower Upper
91 100
106 30.1 25.3 37.9



#68
m/p-Xylenes
Concen: 209.411 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion:106 Resp: 1026320
Ion Ratio Lower Upper
106 100
91 211.7 159.4 239.0

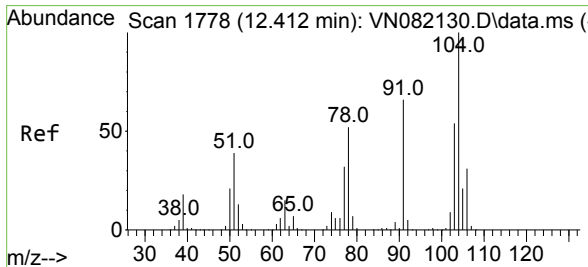
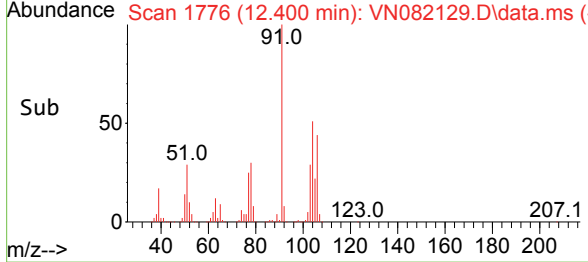
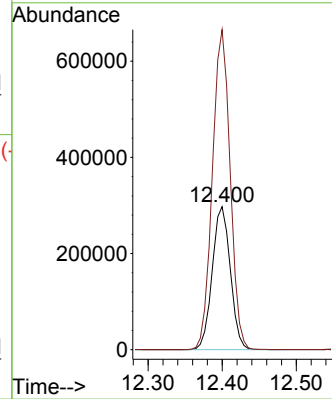
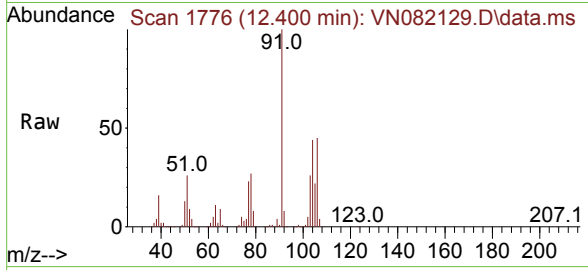




#69
o-Xylene
Concen: 106.087 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

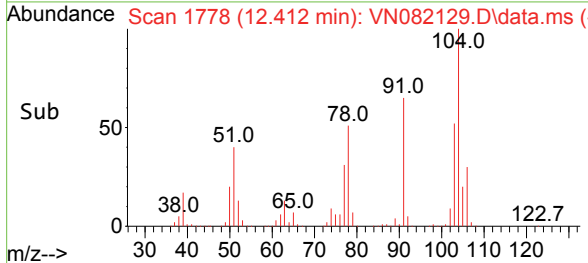
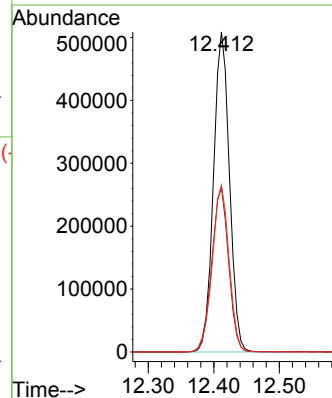
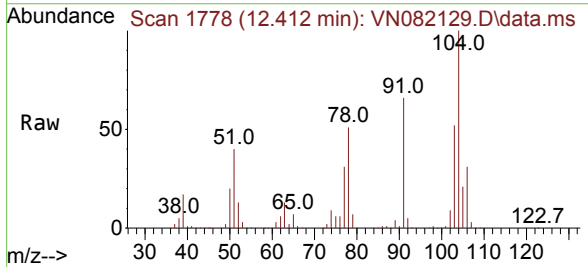
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

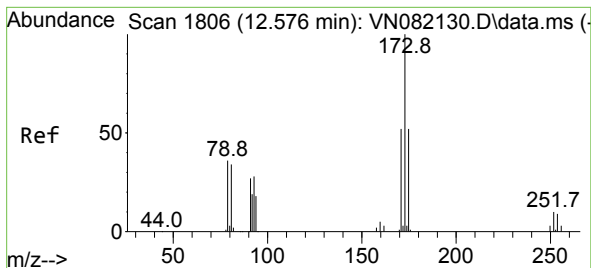
Tgt Ion:106 Resp: 503641
Ion Ratio Lower Upper
106 100
91 220.2 104.7 314.1



#70
Styrene
Concen: 109.112 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion:104 Resp: 860412
Ion Ratio Lower Upper
104 100
78 54.3 38.6 58.0
103 54.9 43.8 65.6





#71

Bromoform

Concen: 100.005 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

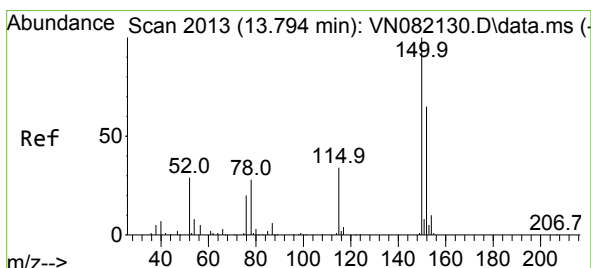
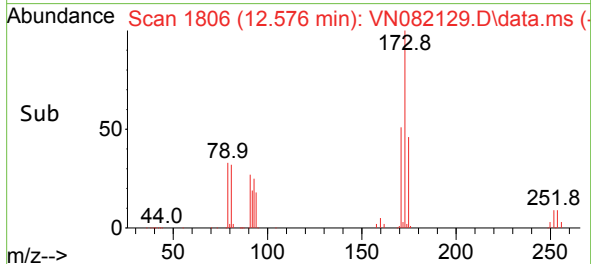
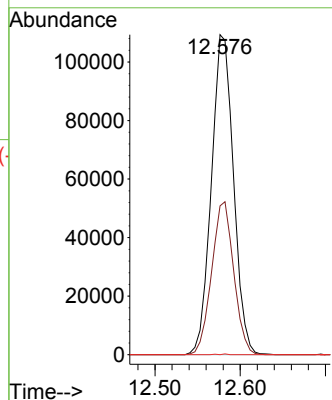
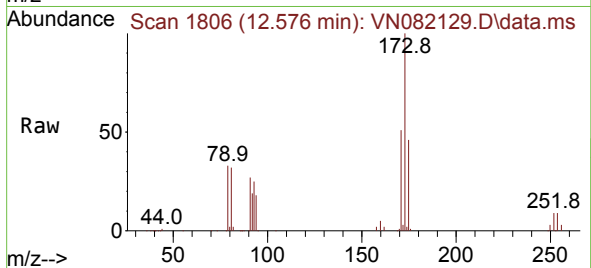
Tgt Ion:173 Resp: 197239

Ion Ratio Lower Upper

173 100

175 47.7 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

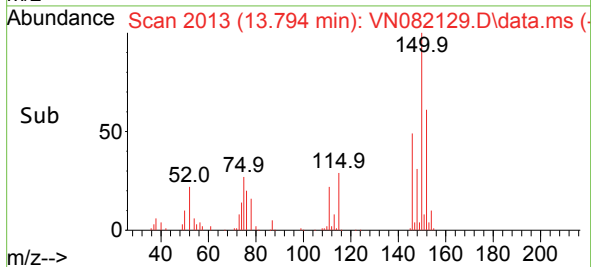
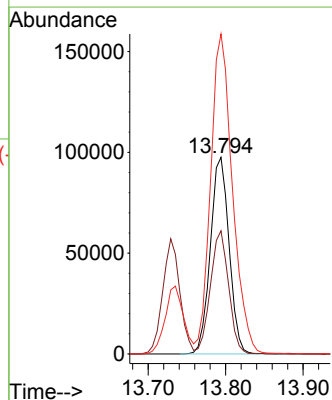
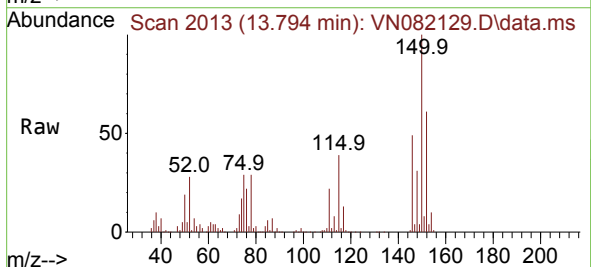
Tgt Ion:152 Resp: 163659

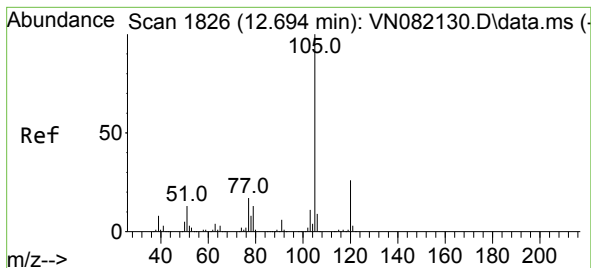
Ion Ratio Lower Upper

152 100

115 61.0 30.4 91.3

150 189.7 0.0 353.2





#73

Isopropylbenzene

Concen: 99.994 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

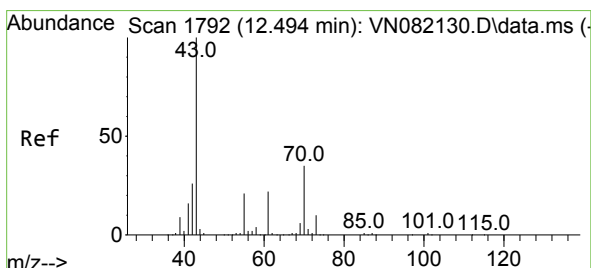
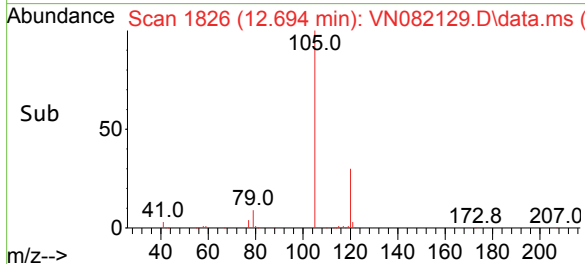
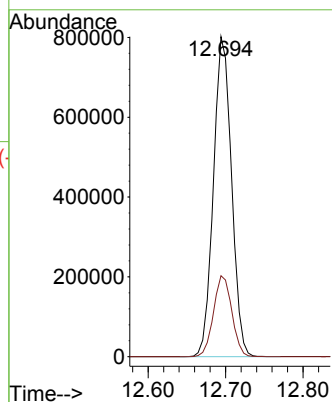
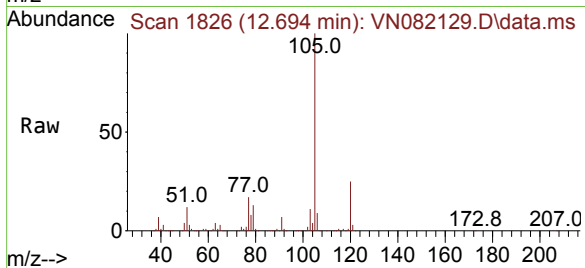
VSTDIC100

Tgt Ion:105 Resp: 1300096

Ion Ratio Lower Upper

105 100

120 25.6 13.4 40.1



#74

N-ethyl acetate

Concen: 97.662 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

Tgt Ion: 43 Resp: 698453

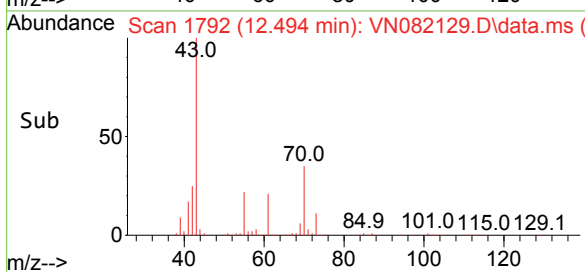
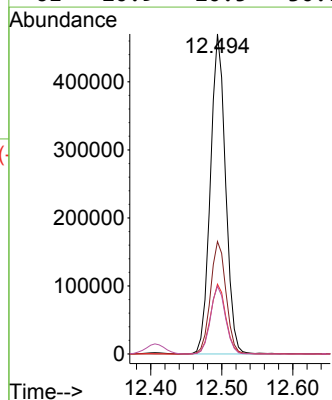
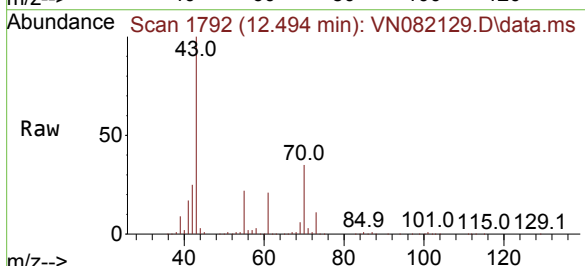
Ion Ratio Lower Upper

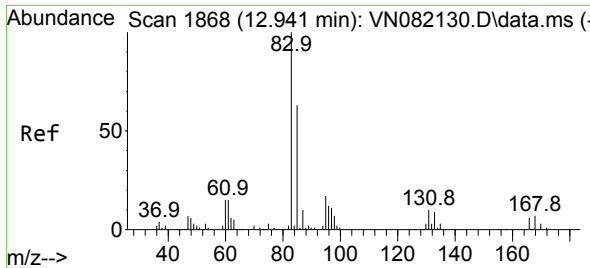
43 100

70 35.9 39.0 58.4#

55 22.0 21.3 31.9

61 20.9 20.5 30.7

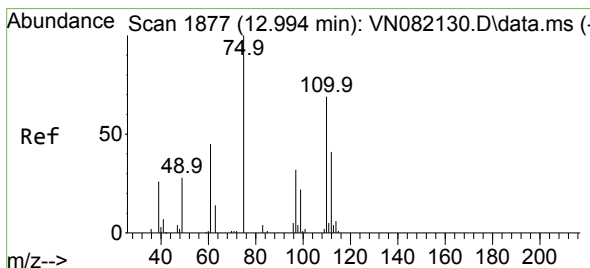
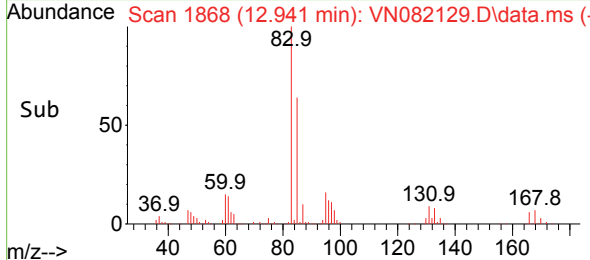
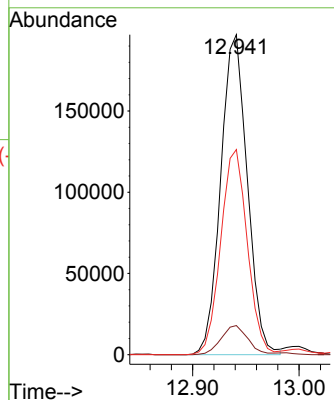
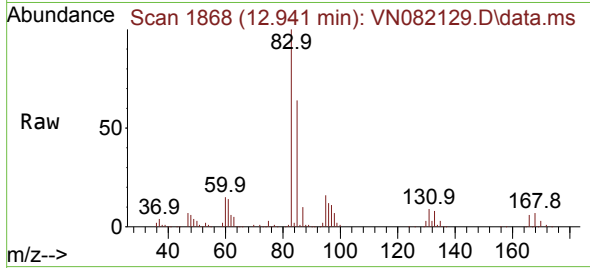




#75
1,1,2,2-Tetrachloroethane
Concen: 91.098 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

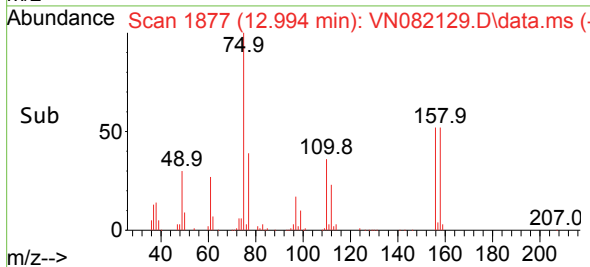
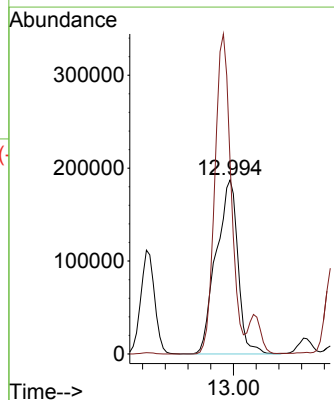
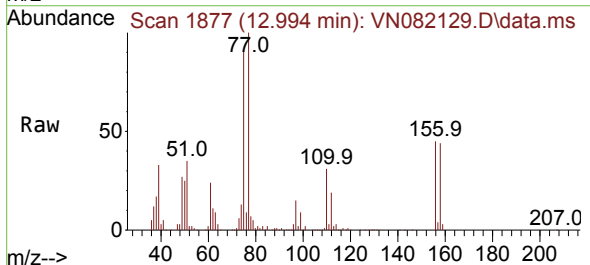
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

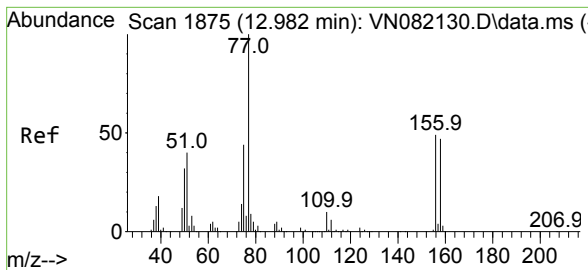
Tgt Ion: 83 Resp: 341431
Ion Ratio Lower Upper
83 100
131 9.2 5.5 16.4
85 64.1 32.9 98.6



#76
1,2,3-Trichloropropane
Concen: 144.990 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion: 75 Resp: 498728
Ion Ratio Lower Upper
75 100
77 135.8 90.5 271.3

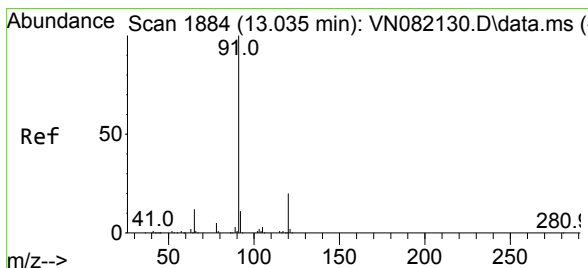
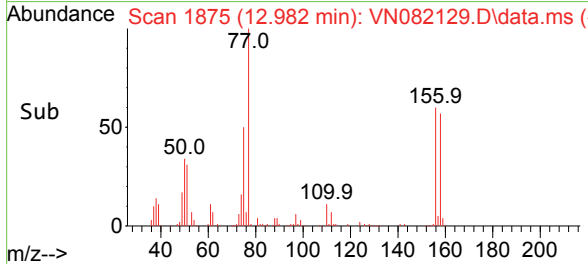
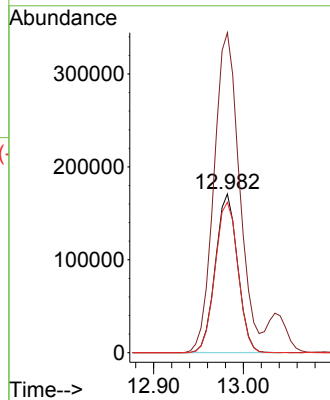
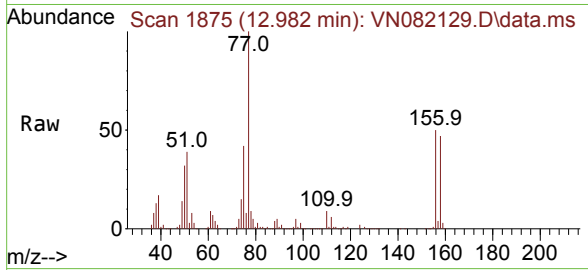




#77
Bromobenzene
Concen: 95.092 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

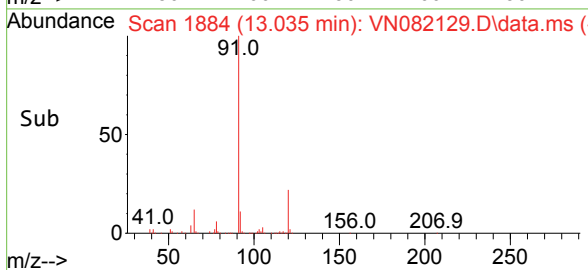
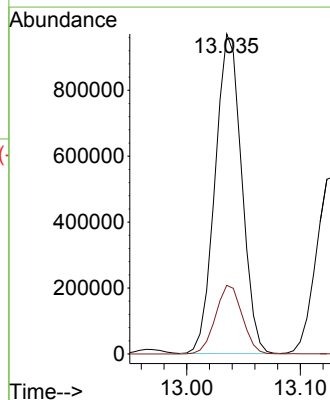
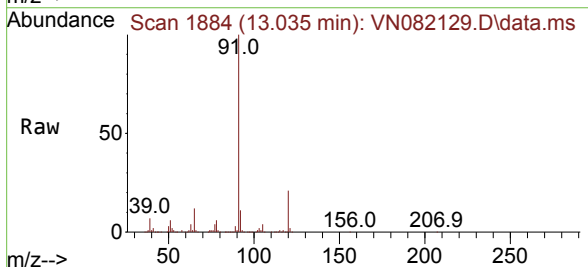
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

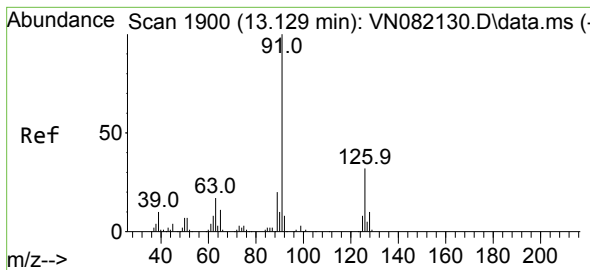
Tgt Ion:156 Resp: 294643
Ion Ratio Lower Upper
156 100
77 229.8 100.2 300.6
158 97.1 49.1 147.3



#78
n-propylbenzene
Concen: 102.331 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion: 91 Resp: 1575520
Ion Ratio Lower Upper
91 100
120 21.7 11.7 35.0

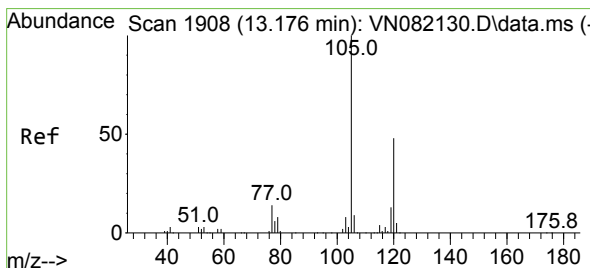
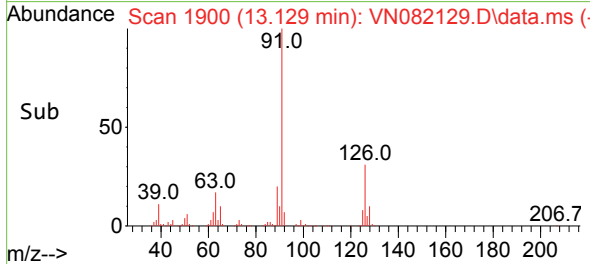
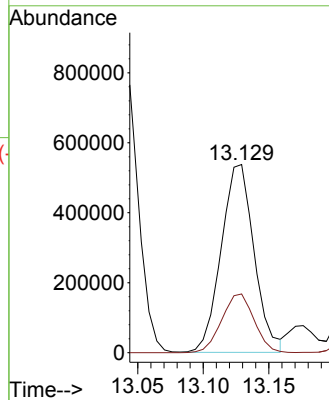
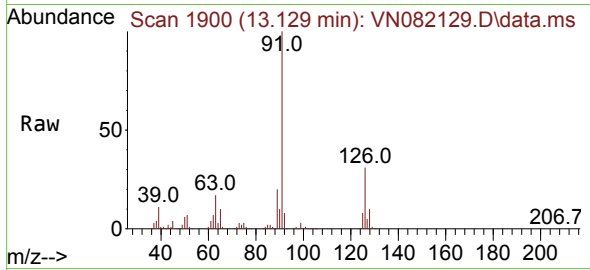




#79
2-Chlorotoluene
Concen: 97.205 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

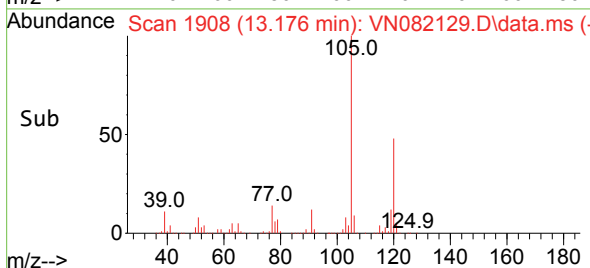
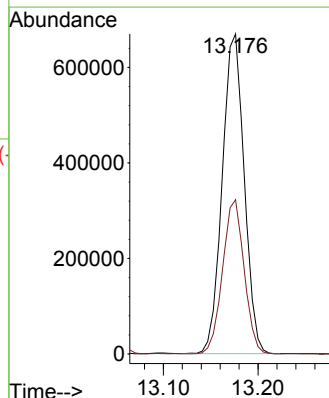
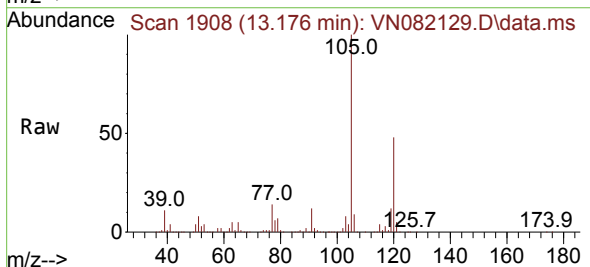
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ClientSampleId :
VSTDIC100

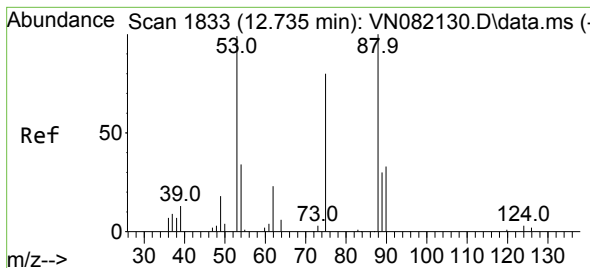
Tgt Ion: 91 Resp: 939770
Ion Ratio Lower Upper
91 100
126 30.8 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 102.585 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion: 105 Resp: 1078492
Ion Ratio Lower Upper
105 100
120 47.3 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 103.966 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

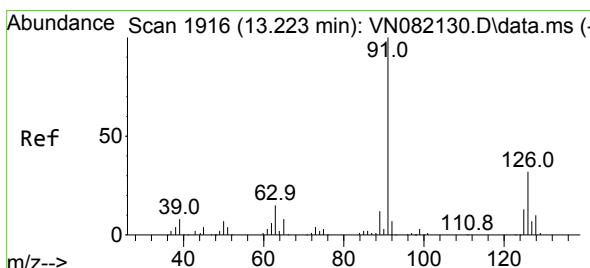
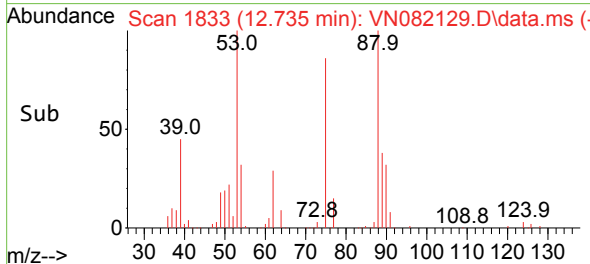
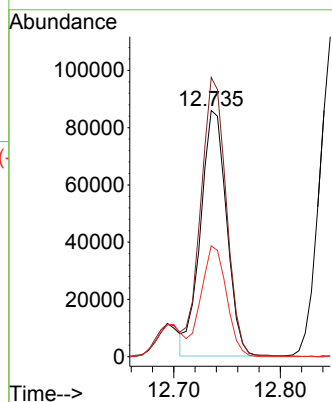
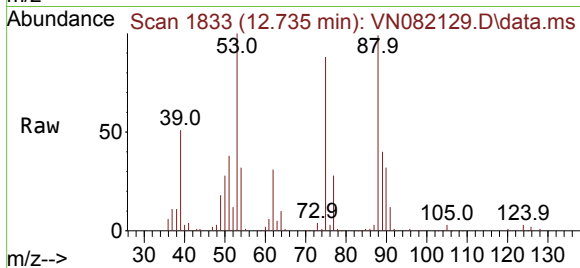
Tgt Ion: 75 Resp: 145641

Ion Ratio Lower Upper

75 100

53 113.0 72.9 109.3#

89 44.0 39.1 58.7



#82

4-Chlorotoluene

Concen: 100.050 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. -0.000 min

Lab File: VN082129.D

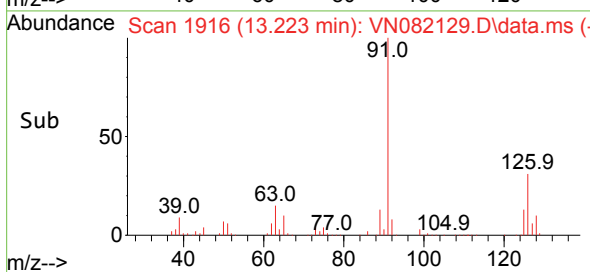
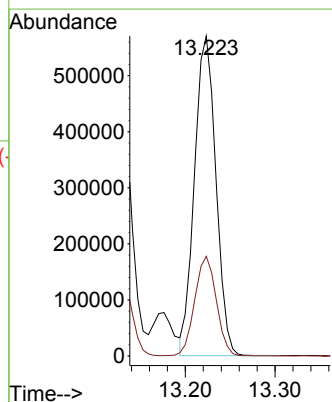
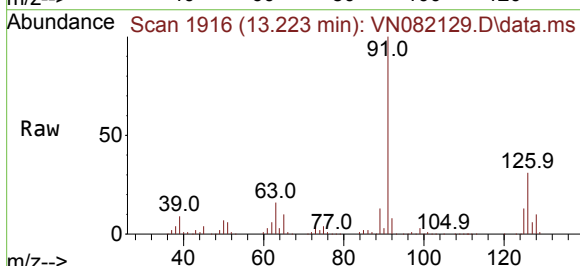
Acq: 15 May 2024 13:25

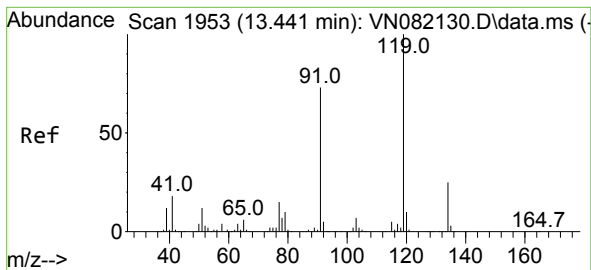
Tgt Ion: 91 Resp: 945731

Ion Ratio Lower Upper

91 100

126 31.5 17.4 52.3

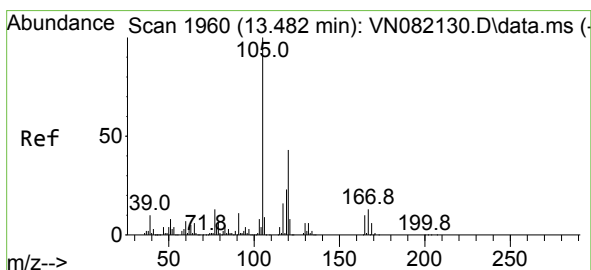
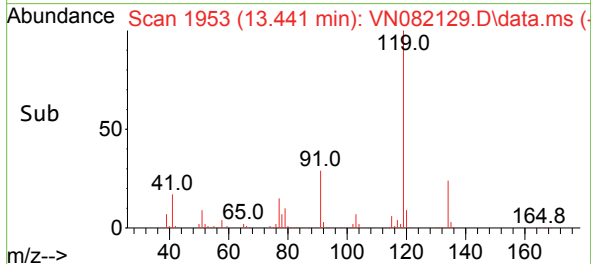
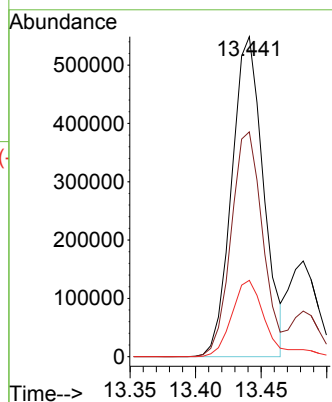
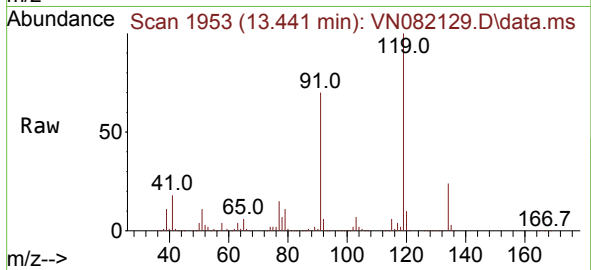




#83
tert-Butylbenzene
Concen: 100.434 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

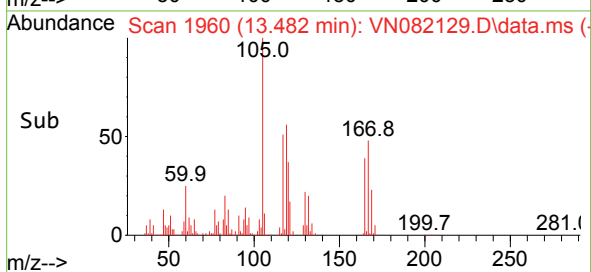
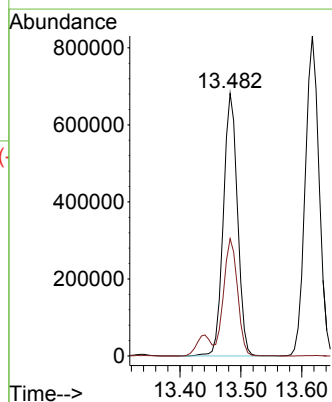
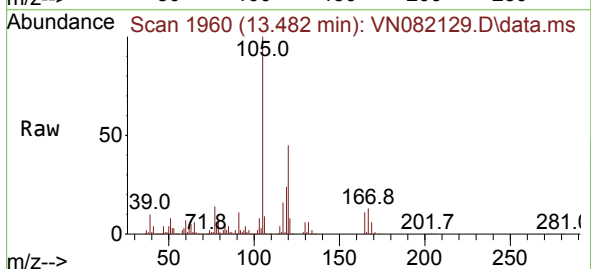
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

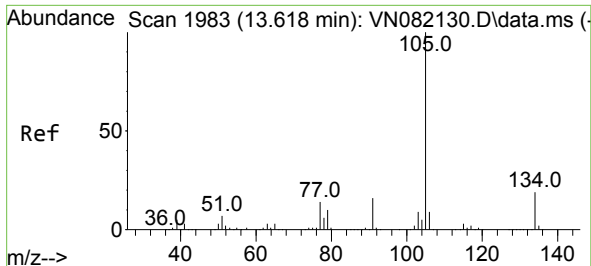
Tgt Ion:119 Resp: 923736
Ion Ratio Lower Upper
119 100
91 69.7 32.6 97.8
134 25.6 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 102.051 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion:105 Resp: 1097651
Ion Ratio Lower Upper
105 100
120 44.5 22.9 68.7

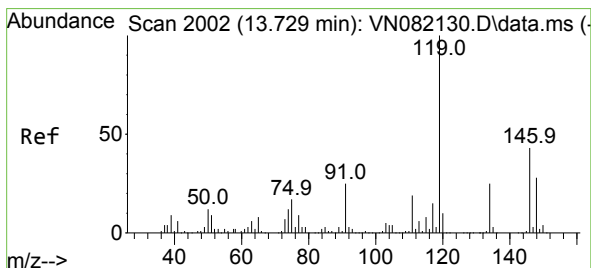
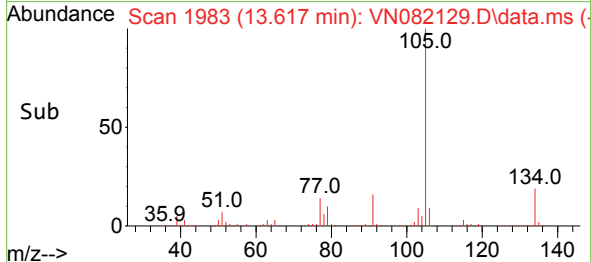
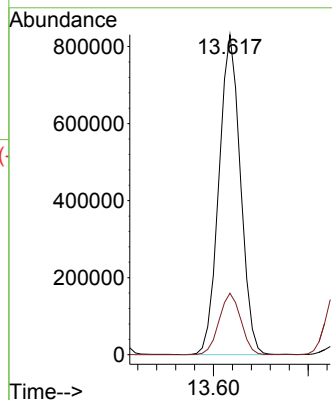
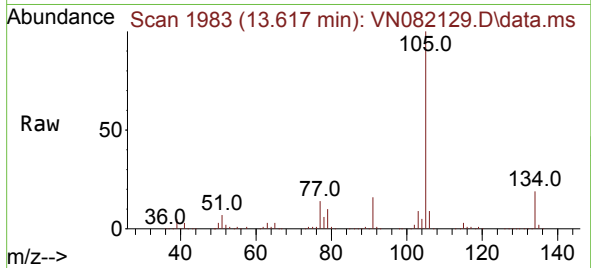




#85
 sec-Butylbenzene
 Concen: 102.823 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082129.D
 Acq: 15 May 2024 13:25

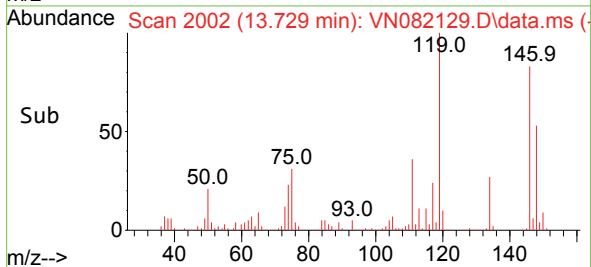
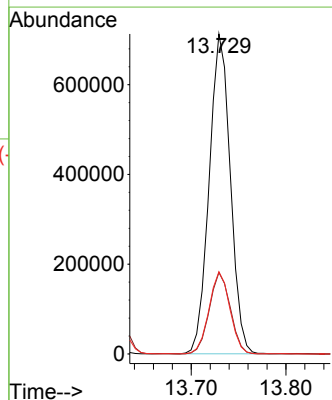
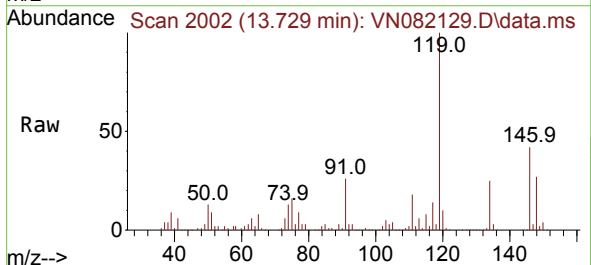
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

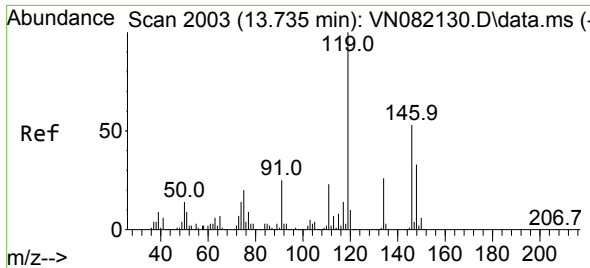
Tgt Ion:105 Resp: 1310835
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 106.551 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082129.D
 Acq: 15 May 2024 13:25

Tgt Ion:119 Resp: 1103941
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.5
 91 25.2 11.8 35.3

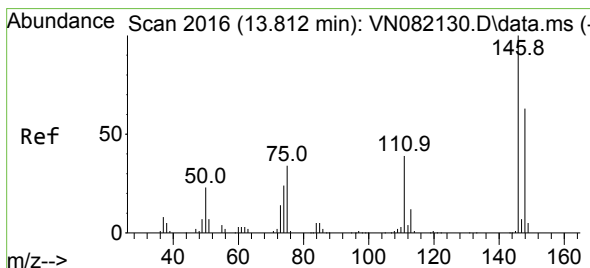
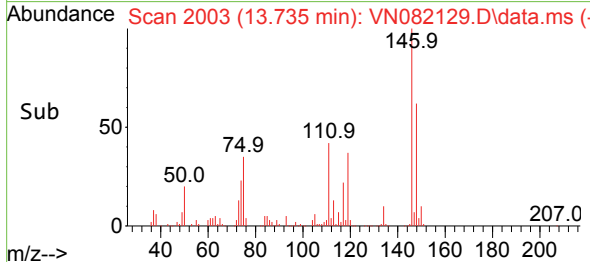
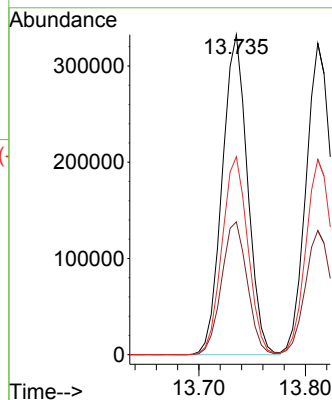
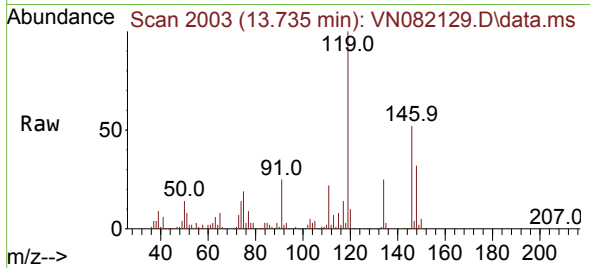




#87
1,3-Dichlorobenzene
Concen: 97.724 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

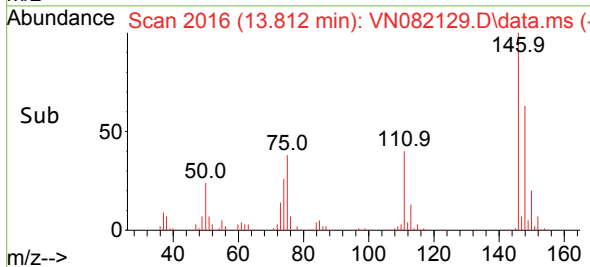
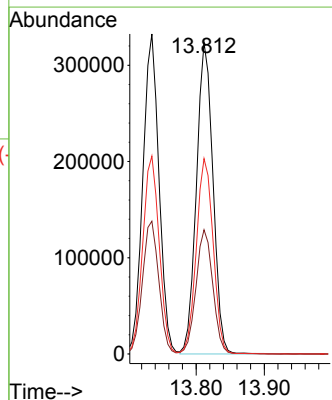
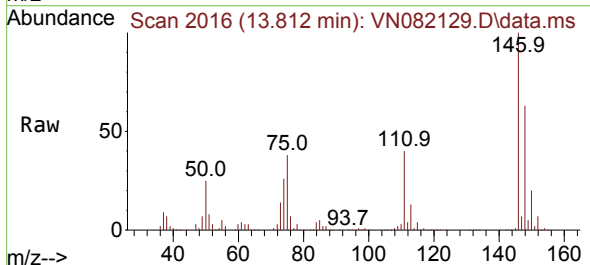
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

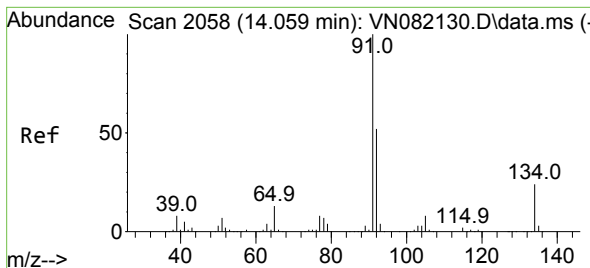
Tgt Ion:146 Resp: 548578
Ion Ratio Lower Upper
146 100
111 42.1 20.8 62.5
148 63.2 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 95.104 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion:146 Resp: 544881
Ion Ratio Lower Upper
146 100
111 40.2 19.3 57.9
148 63.8 31.3 93.9





#89

n-Butylbenzene

Concen: 108.405 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

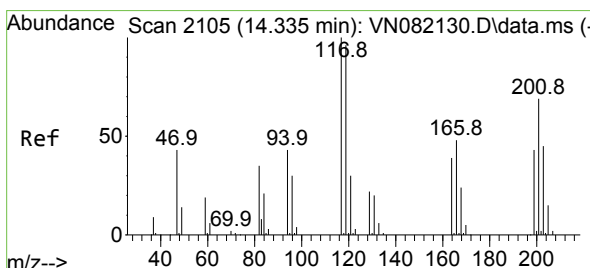
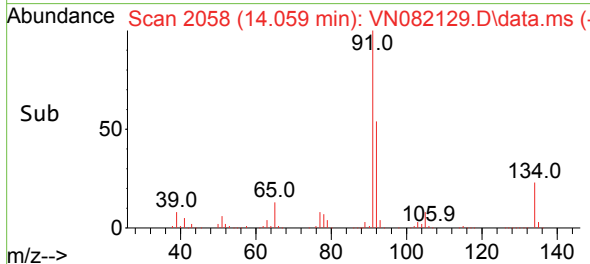
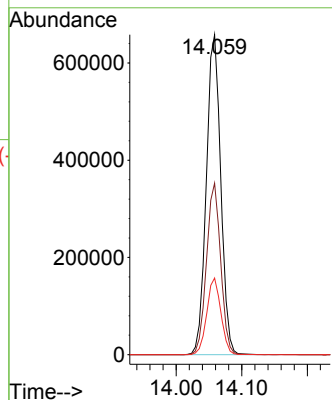
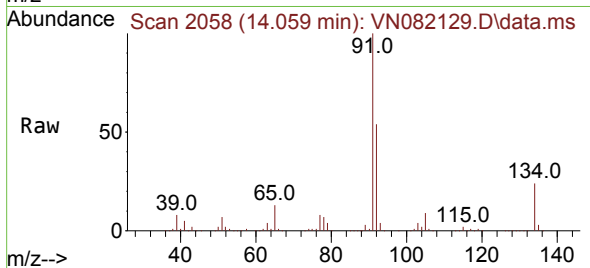
Tgt Ion: 91 Resp: 1009503

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.5

134 23.5 13.2 39.5



#90

Hexachloroethane

Concen: 103.262 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN082129.D

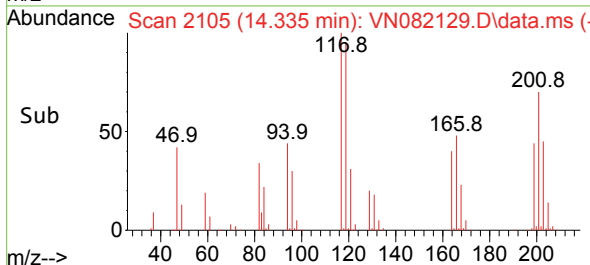
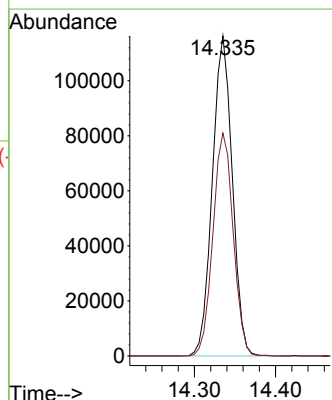
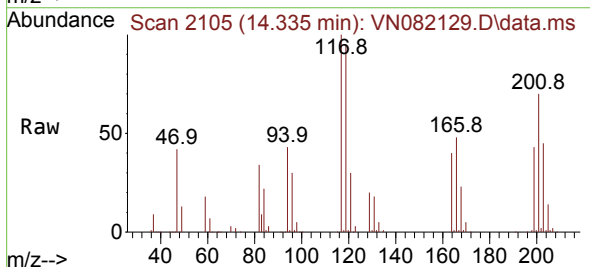
Acq: 15 May 2024 13:25

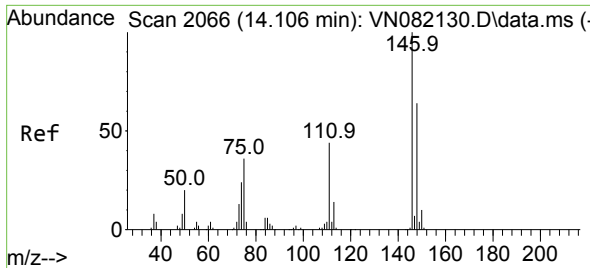
Tgt Ion: 117 Resp: 198220

Ion Ratio Lower Upper

117 100

201 70.9 33.3 99.8

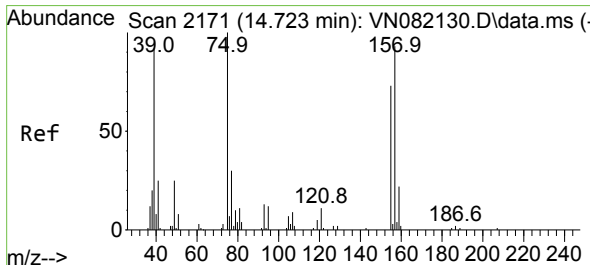
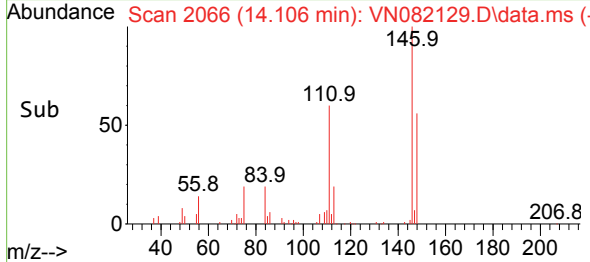
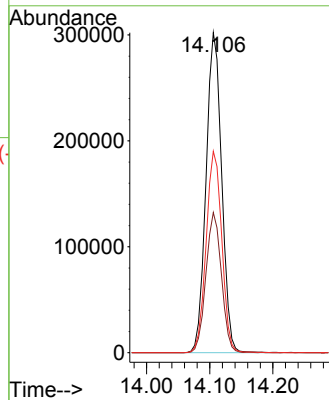
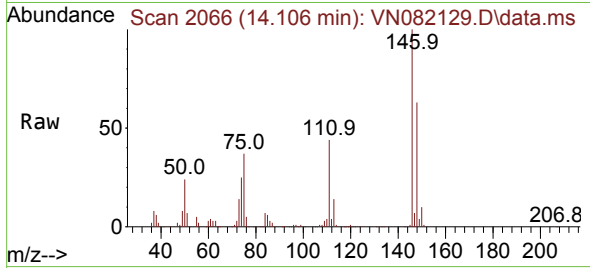




#91
1,2-Dichlorobenzene
Concen: 97.744 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

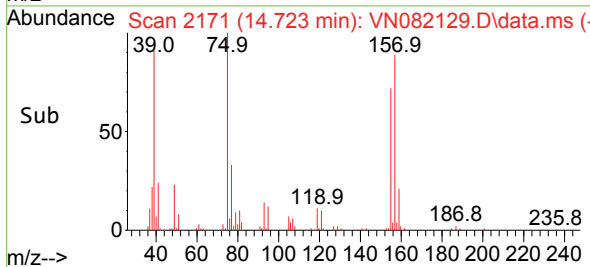
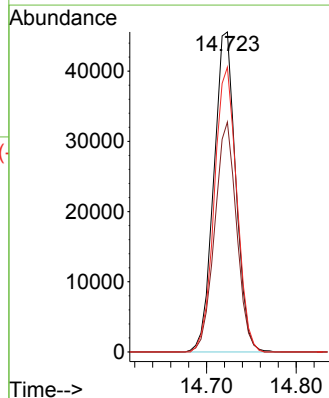
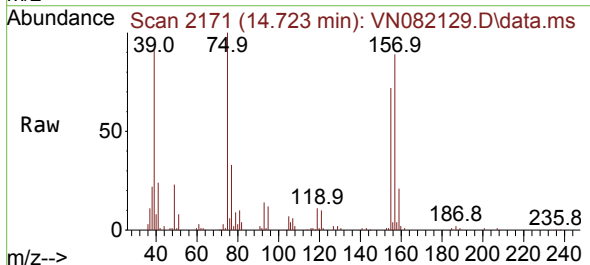
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

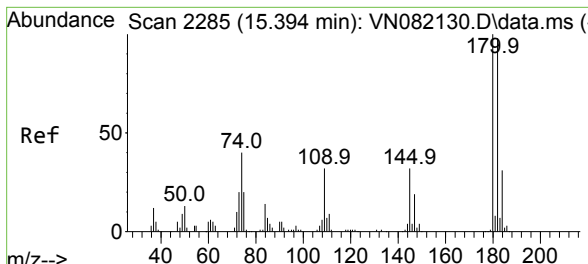
Tgt Ion:	146	Resp:	519372
Ion Ratio	Lower	Upper	
146	100		
111	43.5	21.3	64.0
148	63.1	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 100.804 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion:	75	Resp:	77624
Ion Ratio	Lower	Upper	
75	100		
155	71.5	42.6	128.0
157	90.4	53.0	159.0

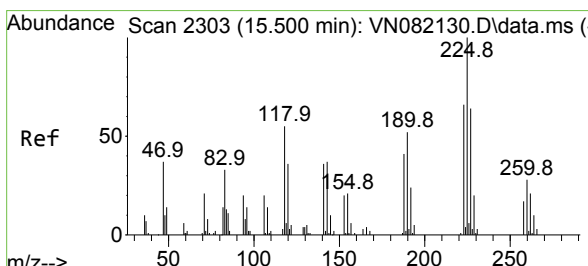
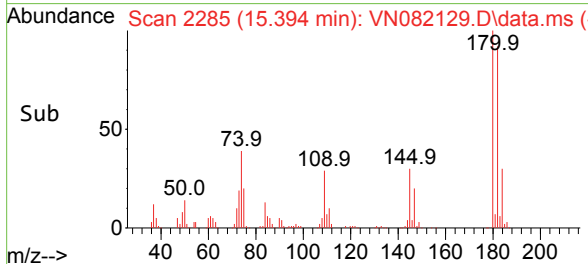
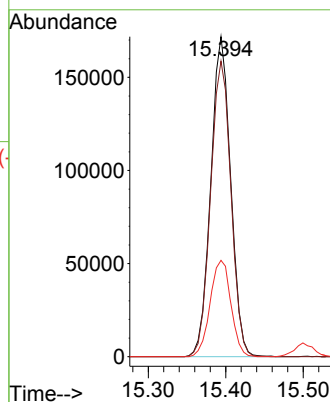
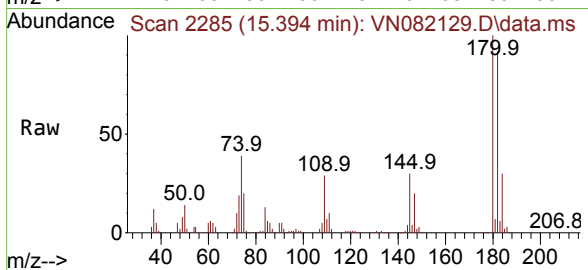




#93
1,2,4-Trichlorobenzene
Concen: 103.166 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

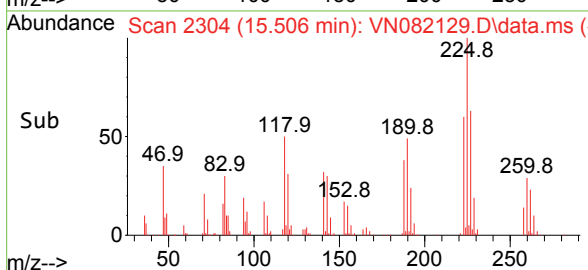
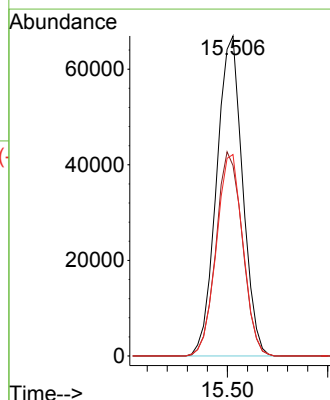
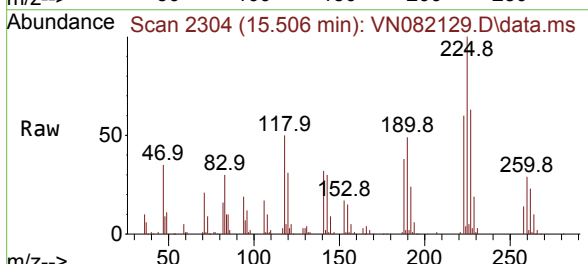
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

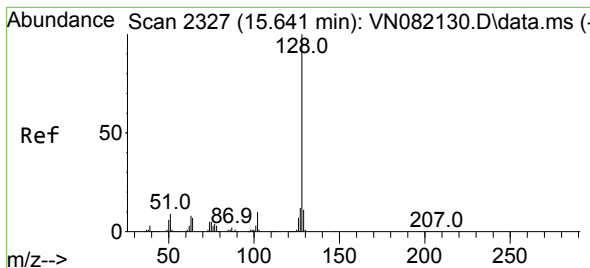
Tgt Ion:180 Resp: 307278
Ion Ratio Lower Upper
180 100
182 94.3 46.7 140.0
145 31.4 16.2 48.6



#94
Hexachlorobutadiene
Concen: 92.188 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN082129.D
Acq: 15 May 2024 13:25

Tgt Ion:225 Resp: 120484
Ion Ratio Lower Upper
225 100
223 64.7 31.1 93.2
227 64.3 30.6 91.6





#95

Naphthalene

Concen: 106.208 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

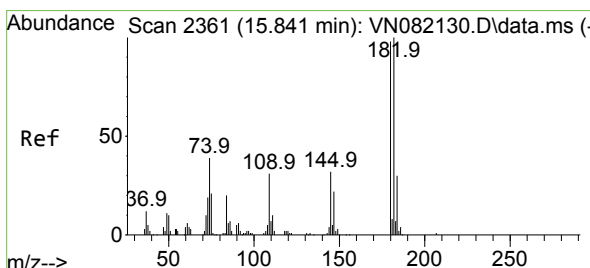
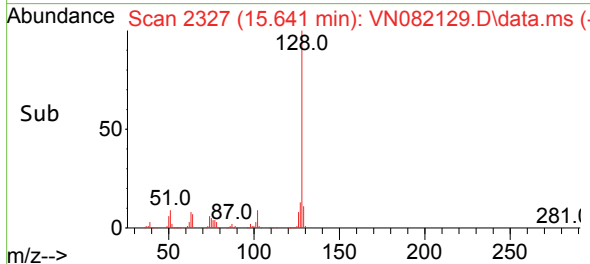
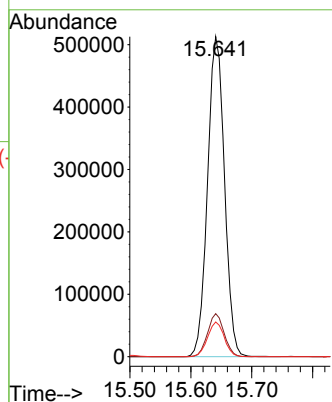
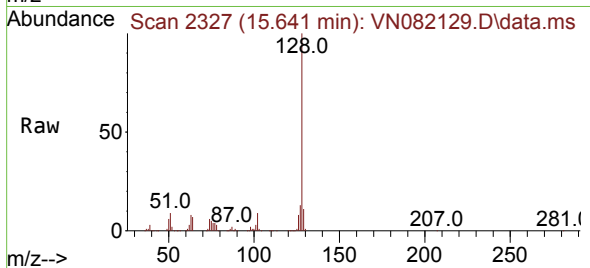
Tgt Ion:128 Resp: 991352

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 100.455 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082129.D

Acq: 15 May 2024 13:25

Tgt Ion:180 Resp: 299526

Ion Ratio Lower Upper

180 100

182 94.7 46.0 137.8

145 33.7 17.1 51.3

