

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082618.D
 Acq On : 17 Jun 2024 19:02
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 18 18:40:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	172909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	300123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	277883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140400	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	133858	48.275	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.540%
35) Dibromofluoromethane	8.171	113	93316	45.833	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.660%
50) Toluene-d8	10.571	98	358933	46.618	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.240%
62) 4-Bromofluorobenzene	12.853	95	125444	47.257	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	115761	47.937	ug/l	98
3) Chloromethane	2.359	50	136110	47.017	ug/l	100
4) Vinyl Chloride	2.506	62	136249	49.456	ug/l	100
5) Bromomethane	2.936	94	73274	41.317	ug/l	96
6) Chloroethane	3.106	64	93182	47.433	ug/l	99
7) Trichlorofluoromethane	3.483	101	168167	46.788	ug/l	96
8) Diethyl Ether	3.959	74	61195	49.993	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	92624	46.008	ug/l	100
10) Methyl Iodide	4.589	142	104435	54.458	ug/l	98
11) Tert butyl alcohol	5.530	59	129019	284.299	ug/l	100
12) 1,1-Dichloroethene	4.342	96	90887	47.209	ug/l	94
13) Acrolein	4.183	56	118981	257.372	ug/l	98
14) Allyl chloride	5.018	41	198169	52.632	ug/l	91
15) Acrylonitrile	5.724	53	325120	271.408	ug/l	99
16) Acetone	4.436	43	300304	238.138	ug/l	100
17) Carbon Disulfide	4.706	76	275929	45.131	ug/l	100
18) Methyl Acetate	5.030	43	169375	54.916	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	347497	52.731	ug/l	95
20) Methylene Chloride	5.271	84	110130	49.674	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	98623	48.202	ug/l	98
22) Diisopropyl ether	6.677	45	414305	52.469	ug/l	97
23) Vinyl Acetate	6.606	43	1702910	271.958	ug/l	100
24) 1,1-Dichloroethane	6.571	63	211838	49.524	ug/l	98
25) 2-Butanone	7.488	43	481566	268.667	ug/l	99
26) 2,2-Dichloropropane	7.494	77	143657	38.714	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	120044	48.693	ug/l	98
28) Bromochloromethane	7.818	49	90157	46.185	ug/l	97
29) Tetrahydrofuran	7.841	42	332063	302.623	ug/l	100
30) Chloroform	7.971	83	210199	50.377	ug/l	99
31) Cyclohexane	8.259	56	180030	44.988	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	184985	48.890	ug/l	99
36) 1,1-Dichloropropene	8.371	75	146085	47.998	ug/l	99
37) Ethyl Acetate	7.565	43	197363	50.907	ug/l	100
38) Carbon Tetrachloride	8.365	117	164224	47.878	ug/l	97
39) Methylcyclohexane	9.606	83	150507	46.989	ug/l	98
40) Benzene	8.612	78	457260	48.622	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	101520	51.227	ug/l	96
42) 1,2-Dichloroethane	8.671	62	176506	49.342	ug/l	100
43) Isopropyl Acetate	8.694	43	380403	52.502	ug/l	96
44) Trichloroethene	9.359	130	100096	45.837	ug/l	96
45) 1,2-Dichloropropane	9.624	63	120159	49.638	ug/l	94
46) Dibromomethane	9.712	93	81514	49.676	ug/l	99
47) Bromodichloromethane	9.894	83	169042	48.320	ug/l	99
48) Methyl methacrylate	9.682	41	157939	52.878	ug/l	99
49) 1,4-Dioxane	9.700	88	54190	1159.884	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	1043376	280.758	ug/l	100
52) Toluene	10.635	92	287478	50.441	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	175008	48.935	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	180904	48.916	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	107526	52.125	ug/l	97
56) Ethyl methacrylate	10.877	69	188478	55.166	ug/l	100
57) 1,3-Dichloropropane	11.165	76	194324	50.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	493800	273.216	ug/l	99
59) 2-Hexanone	11.200	43	800694	283.477	ug/l	100
60) Dibromochloromethane	11.359	129	128209	50.914	ug/l	100
61) 1,2-Dibromoethane	11.471	107	111508	51.270	ug/l	100
64) Tetrachloroethene	11.106	164	92248	40.262	ug/l	98
65) Chlorobenzene	11.894	112	306107	48.037	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	109569	48.221	ug/l	98
67) Ethyl Benzene	11.965	91	548687	50.533	ug/l	100
68) m/p-Xylenes	12.076	106	417412	103.334	ug/l	100
69) o-Xylene	12.400	106	200012	52.702	ug/l	98
70) Styrene	12.412	104	350779	54.458	ug/l	100
71) Bromoform	12.582	173	93635	52.122	ug/l #	99
73) Isopropylbenzene	12.700	105	511488	47.976	ug/l	100
74) N-amyl acetate	12.494	43	302466	53.159	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	168408	48.426	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	235730	68.647	ug/l	38
77) Bromobenzene	12.982	156	127213	46.357	ug/l	99
78) n-propylbenzene	13.035	91	609121	48.301	ug/l	100
79) 2-Chlorotoluene	13.129	91	377216	47.698	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	435416	50.326	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	70868	49.373	ug/l	92
82) 4-Chlorotoluene	13.223	91	376806	47.695	ug/l	100
83) tert-Butylbenzene	13.441	119	368034	49.938	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	442448	50.978	ug/l	99
85) sec-Butylbenzene	13.618	105	511271	48.847	ug/l	100
86) p-Isopropyltoluene	13.729	119	429649	50.975	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	233212	46.870	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	232451	44.696	ug/l	99
89) n-Butylbenzene	14.059	91	361410	48.340	ug/l	99
90) Hexachloroethane	14.335	117	85981	46.885	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	223107	45.923	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37942	51.553	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	114519	44.702	ug/l	99
94) Hexachlorobutadiene	15.506	225	47821	37.859	ug/l	97
95) Naphthalene	15.641	128	405186	51.409	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	118515	45.395	ug/l	96

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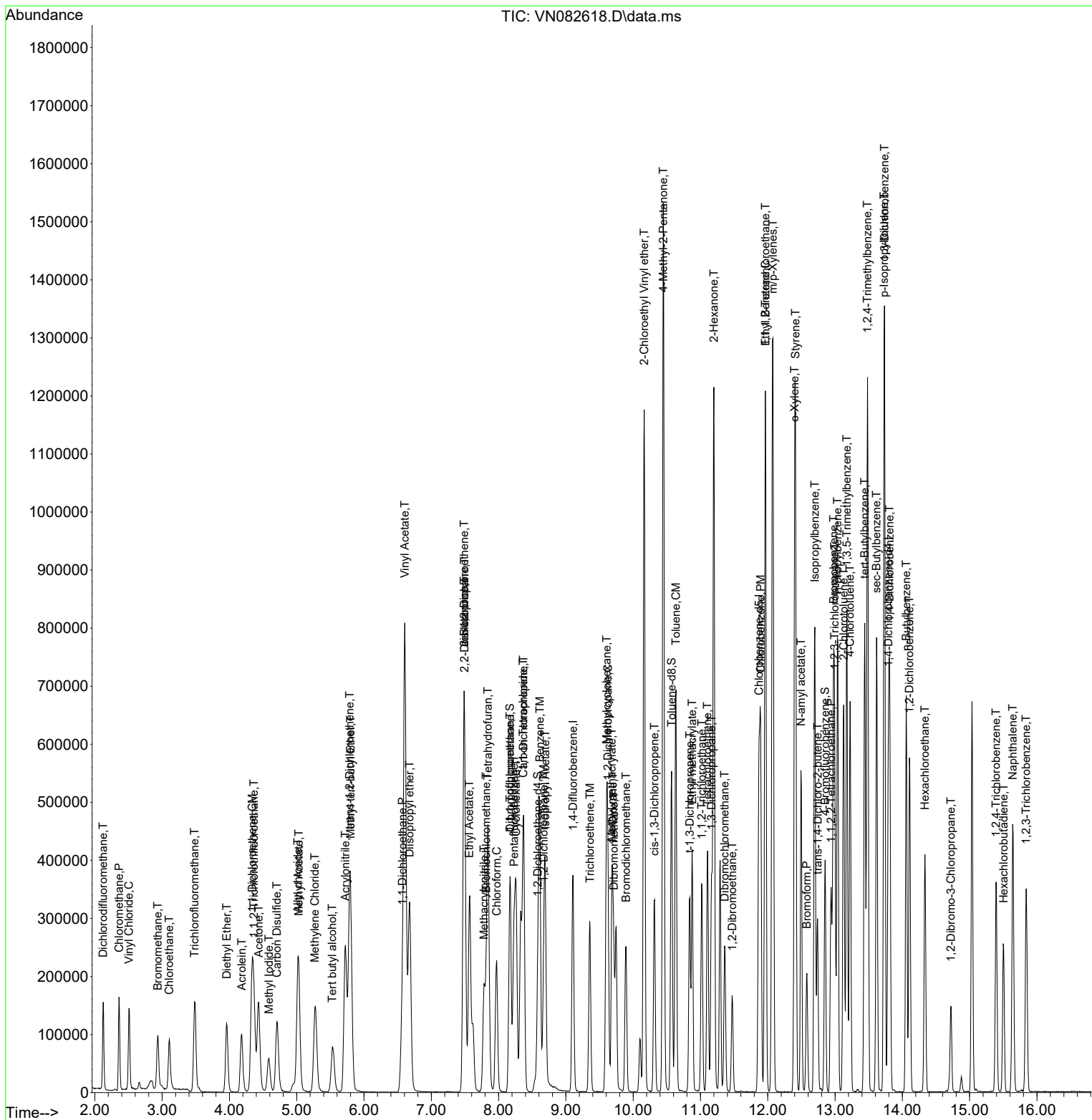
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

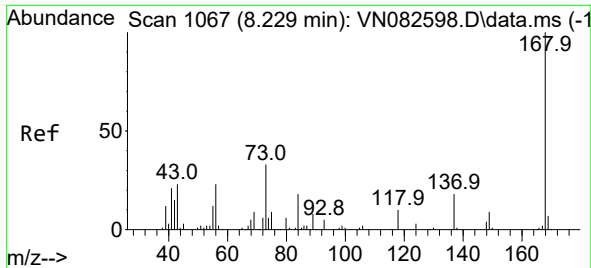
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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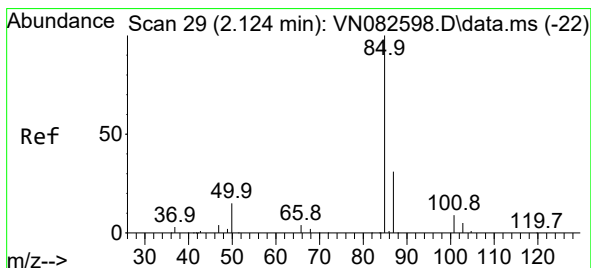
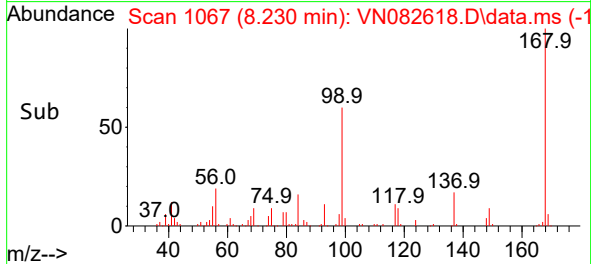
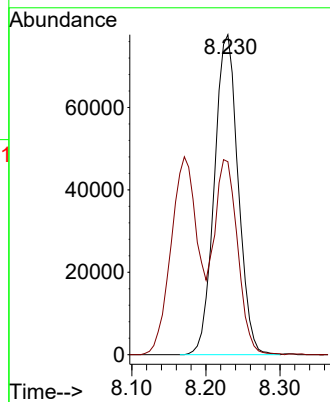
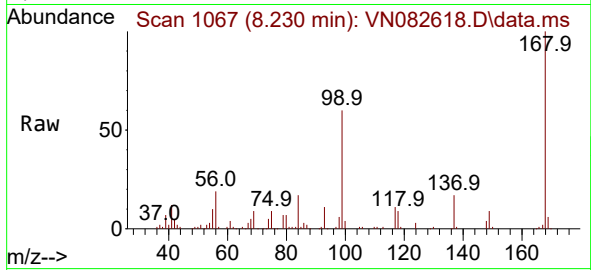




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

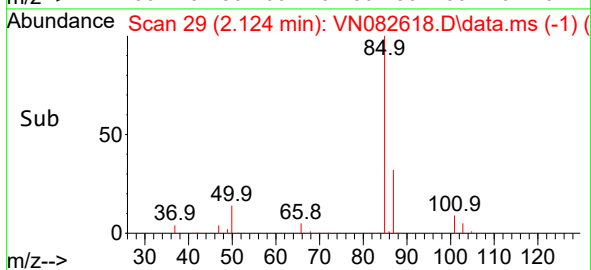
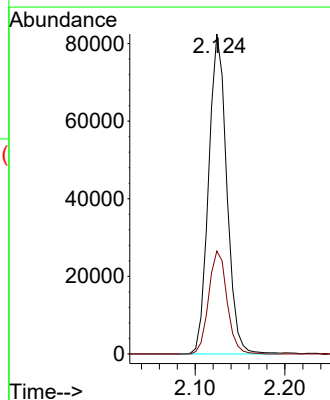
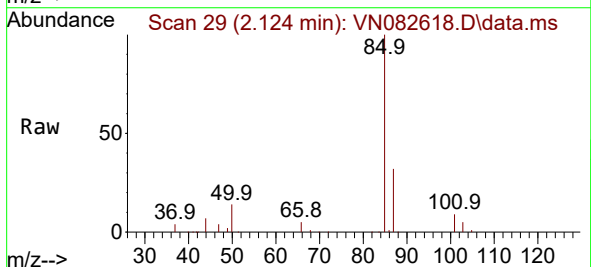
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ClientSampleId :
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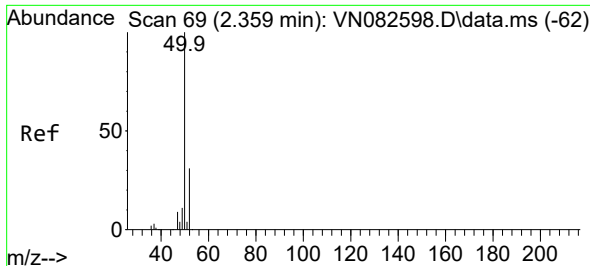
Tgt Ion:168 Resp: 172909
Ion Ratio Lower Upper
168 100
99 60.0 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 47.937 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 85 Resp: 115761
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.0

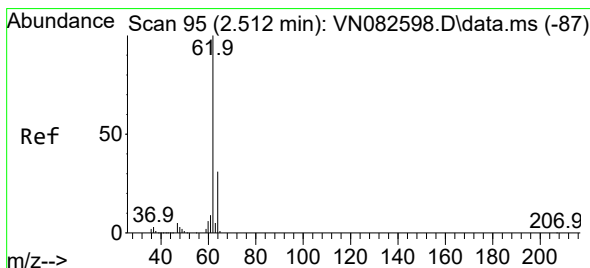
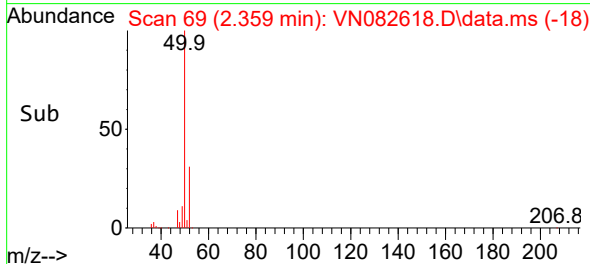
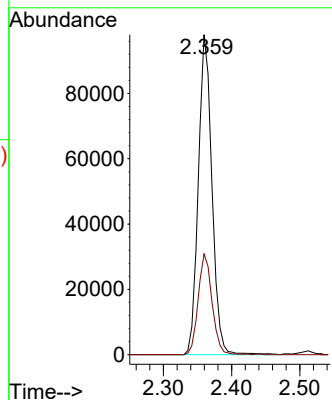
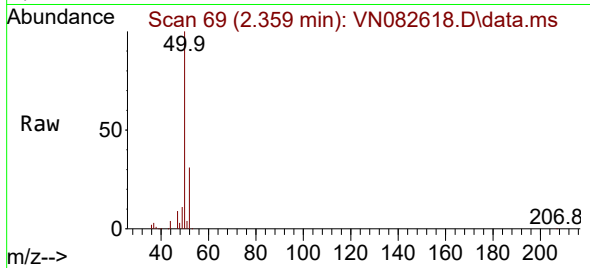




#3
Chloromethane
Concen: 47.017 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

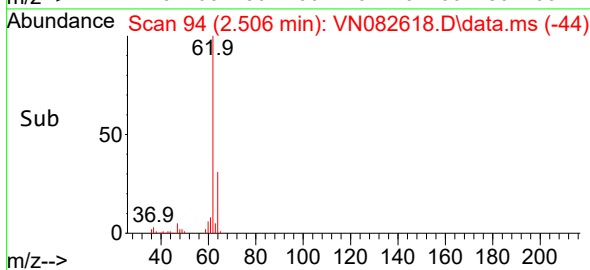
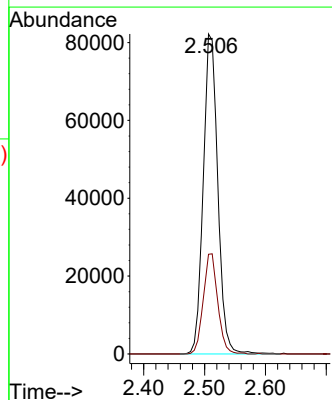
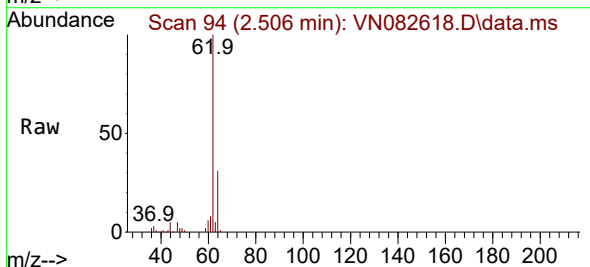
Instrument :
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ClientSampleId :
VSTDCCC050EC

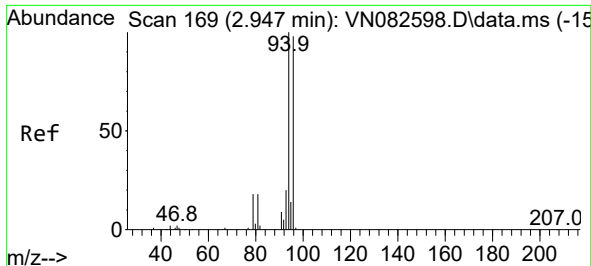
Tgt Ion: 50 Resp: 136110
Ion Ratio Lower Upper
50 100
52 31.5 25.0 37.4



#4
Vinyl Chloride
Concen: 49.456 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 62 Resp: 136249
Ion Ratio Lower Upper
62 100
64 31.1 25.0 37.6

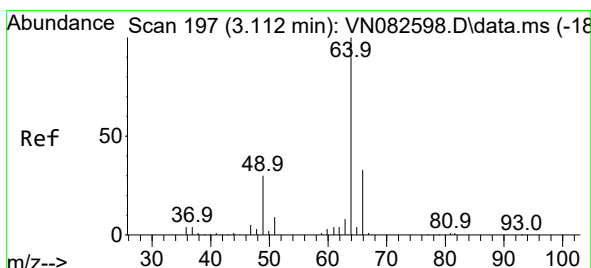
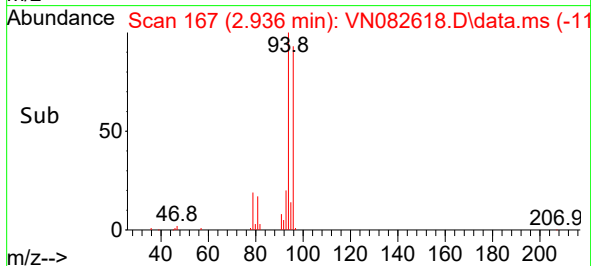
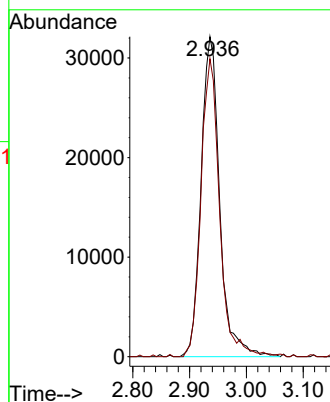
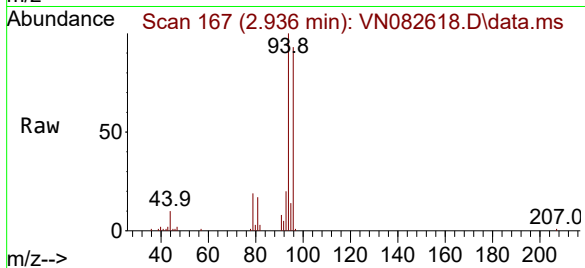




#5
Bromomethane
Concen: 41.317 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.011 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

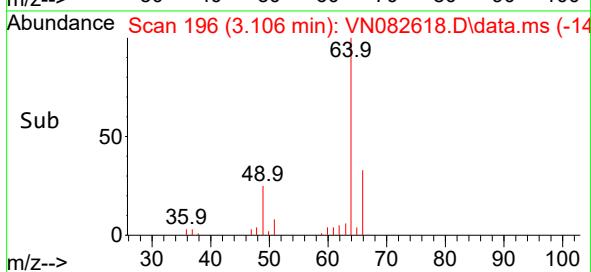
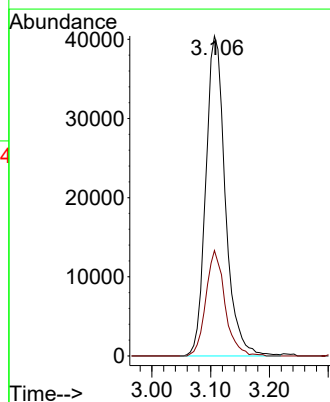
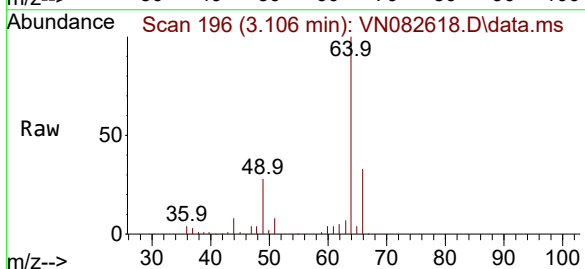
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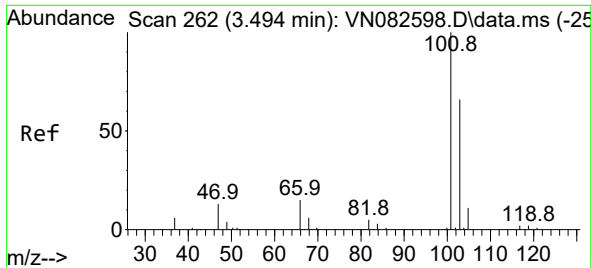
Tgt Ion: 94 Resp: 73274
Ion Ratio Lower Upper
94 100
96 93.1 78.0 117.0



#6
Chloroethane
Concen: 47.433 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 64 Resp: 93182
Ion Ratio Lower Upper
64 100
66 32.9 26.6 40.0

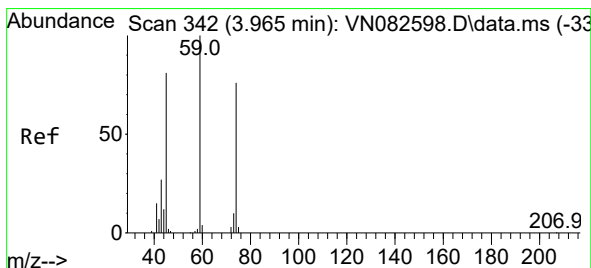
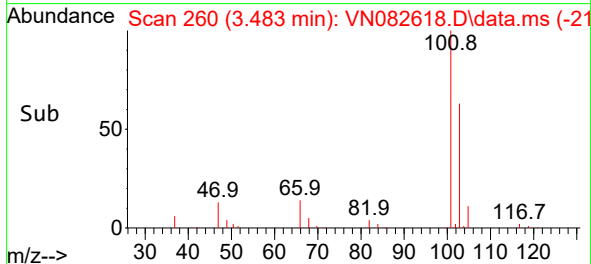
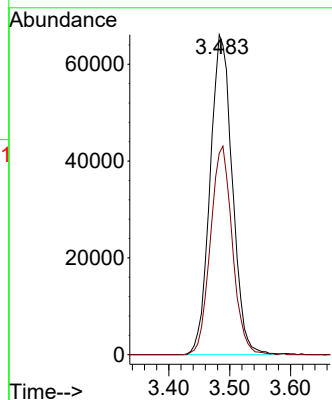
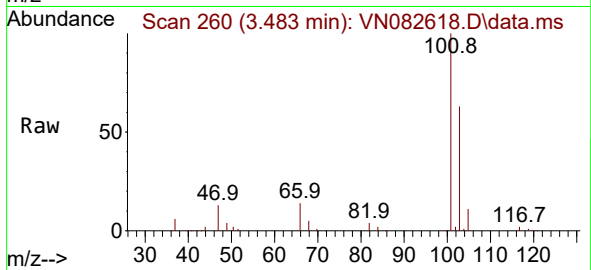




#7
Trichlorofluoromethane
Concen: 46.788 ug/l
RT: 3.483 min Scan# 210
Delta R.T. -0.012 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

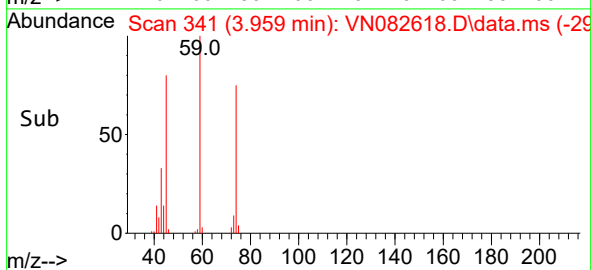
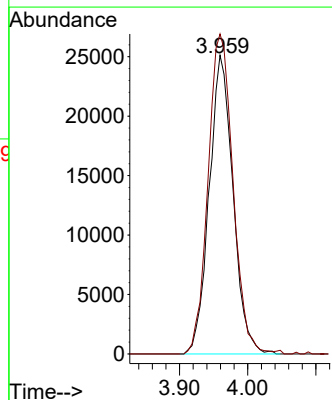
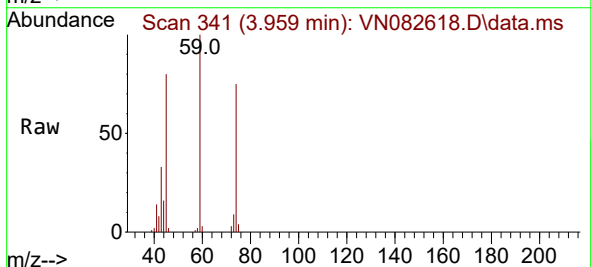
Instrument :
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ClientSampleId :
VSTDCCC050EC

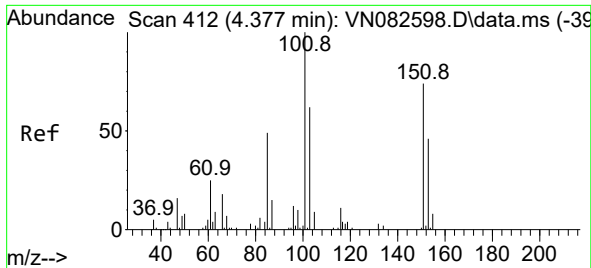
Tgt Ion:101 Resp: 168167
Ion Ratio Lower Upper
101 100
103 62.9 52.7 79.1



#8
Diethyl Ether
Concen: 49.993 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 61195
Ion Ratio Lower Upper
74 100
45 112.3 55.5 166.3

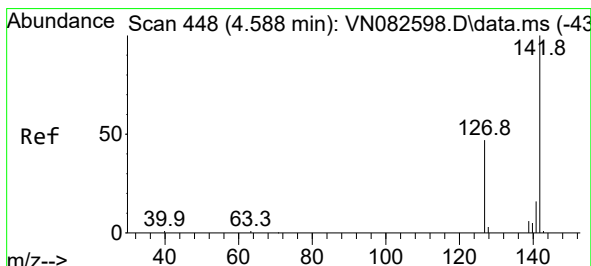
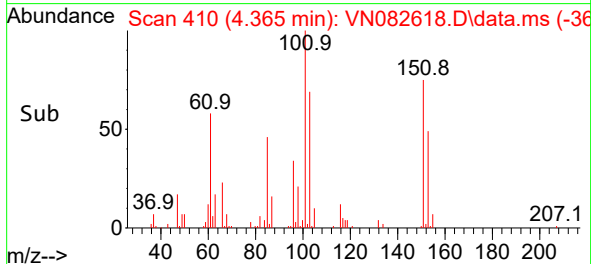
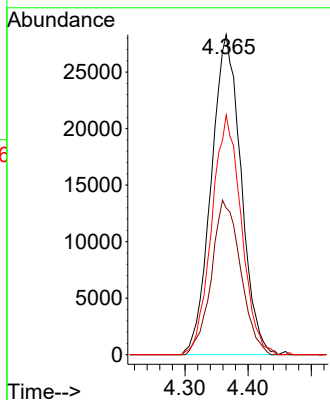
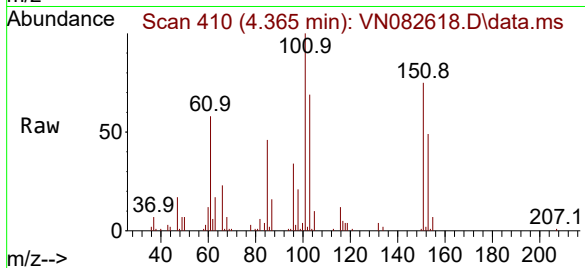




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.008 ug/l
RT: 4.365 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

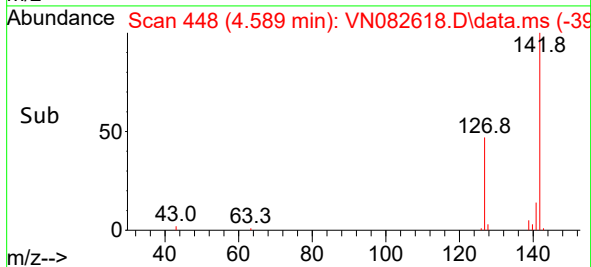
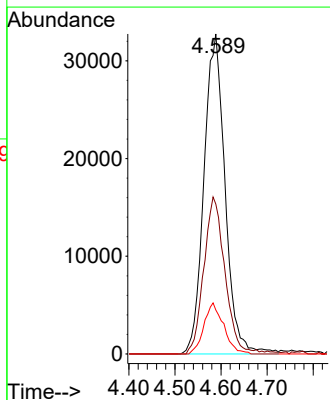
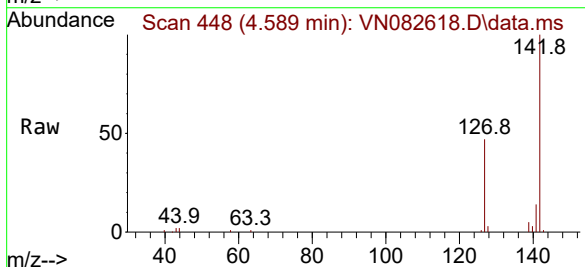
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

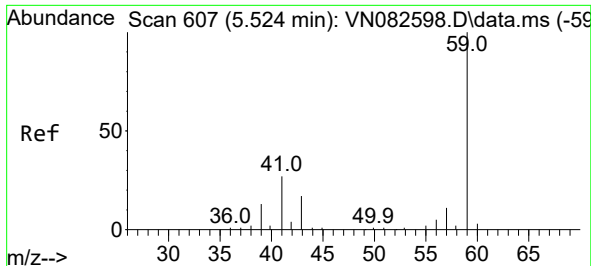
Tgt Ion:101 Resp: 92624
Ion Ratio Lower Upper
101 100
85 47.4 38.3 57.5
151 74.3 59.3 88.9



#10
Methyl Iodide
Concen: 54.458 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion:142 Resp: 104435
Ion Ratio Lower Upper
142 100
127 46.8 37.5 56.3
141 13.7 13.1 19.7

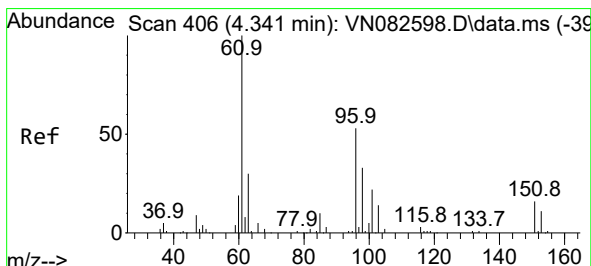
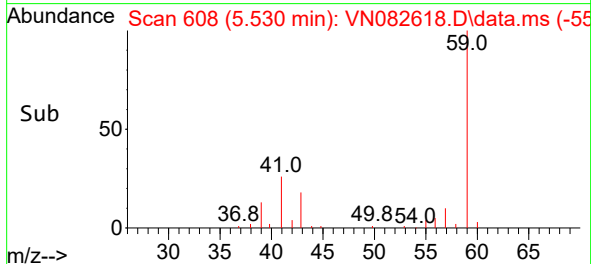
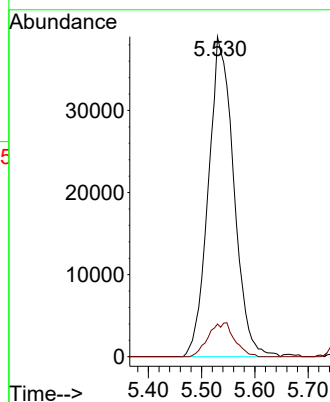
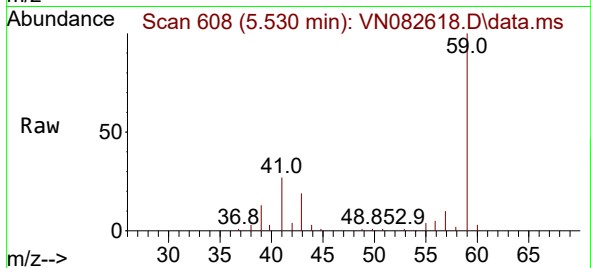




#11
Tert butyl alcohol
Concen: 284.299 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

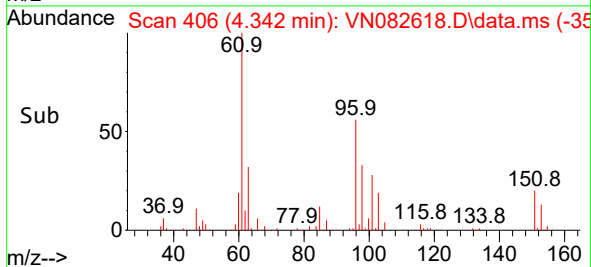
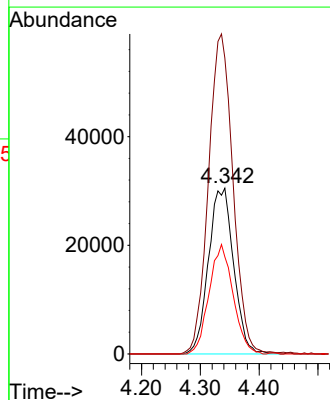
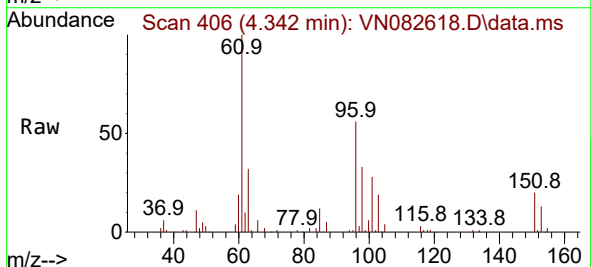
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

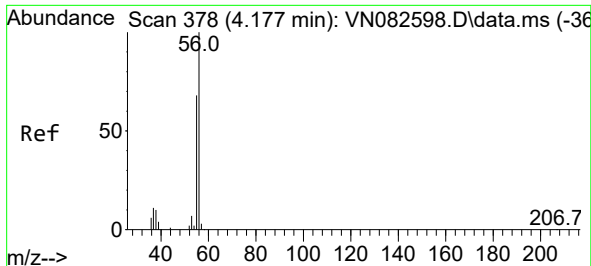
Tgt Ion: 59 Resp: 129019
Ion Ratio Lower Upper
59 100
57 11.0 8.9 13.3



#12
1,1-Dichloroethene
Concen: 47.209 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 96 Resp: 90887
Ion Ratio Lower Upper
96 100
61 178.5 149.7 224.5
98 58.6 50.1 75.1

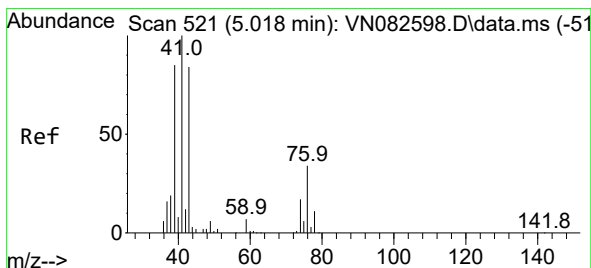
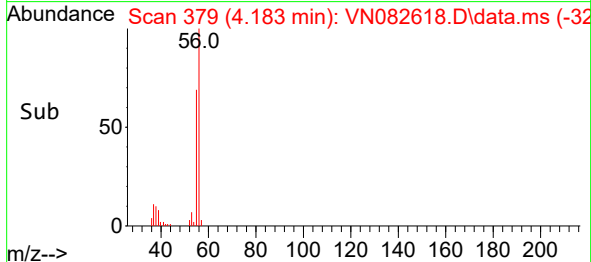
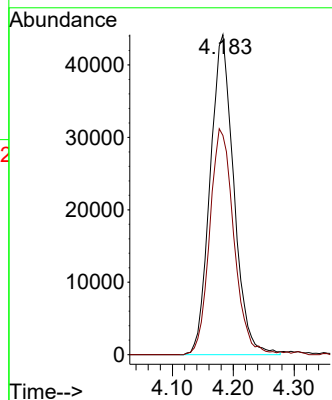
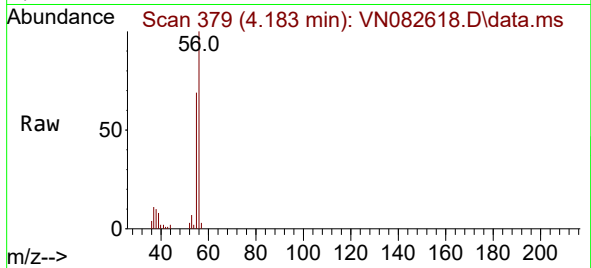




#13
Acrolein
Concen: 257.372 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

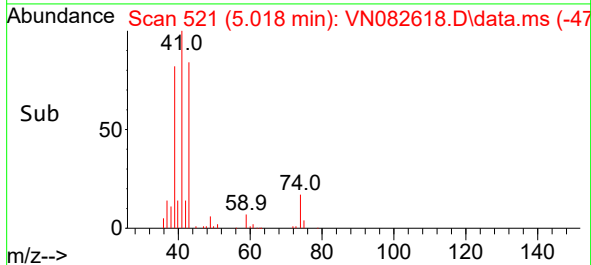
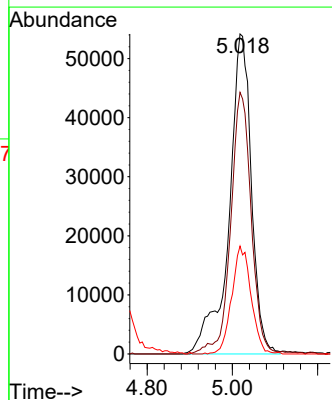
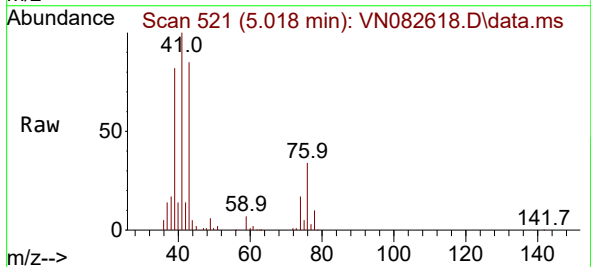
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

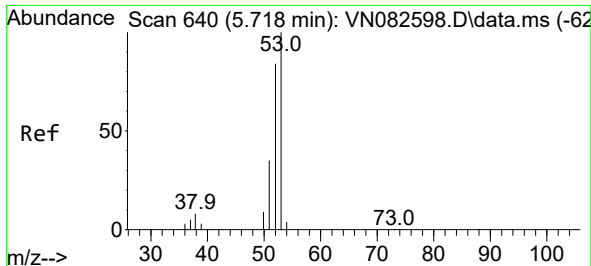
Tgt Ion: 56 Resp: 118981
Ion Ratio Lower Upper
56 100
55 72.2 56.4 84.6



#14
Allyl chloride
Concen: 52.632 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 41 Resp: 198169
Ion Ratio Lower Upper
41 100
39 74.8 67.8 101.6
76 29.1 25.8 38.8





#15

Acrylonitrile

Concen: 271.408 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

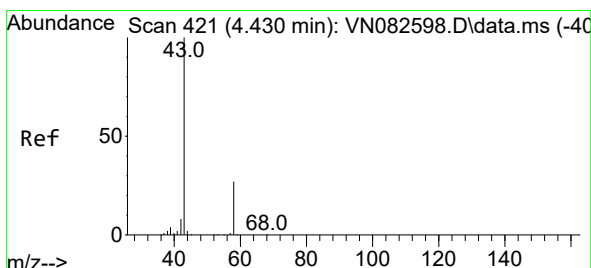
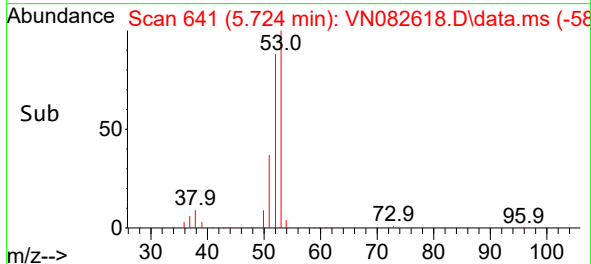
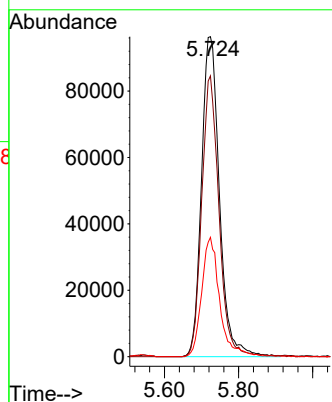
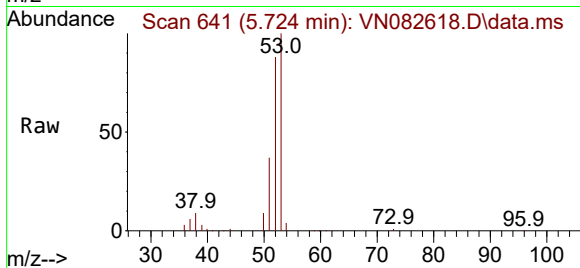
Tgt Ion: 53 Resp: 325120

Ion Ratio Lower Upper

53 100

52 83.8 66.6 100.0

51 37.3 30.1 45.1



#16

Acetone

Concen: 238.138 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.006 min

Lab File: VN082618.D

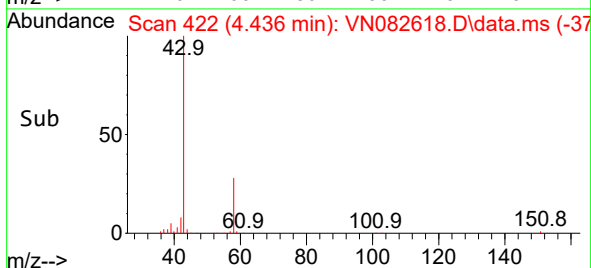
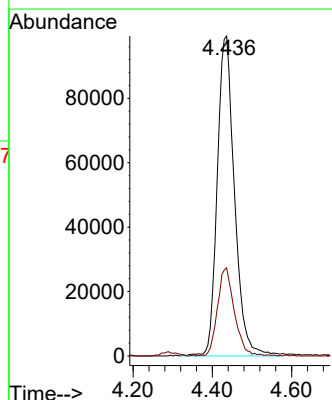
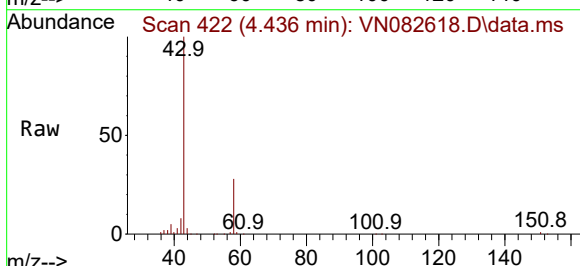
Acq: 17 Jun 2024 19:02

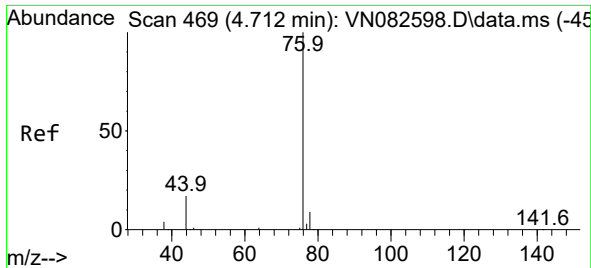
Tgt Ion: 43 Resp: 300304

Ion Ratio Lower Upper

43 100

58 27.4 21.8 32.6

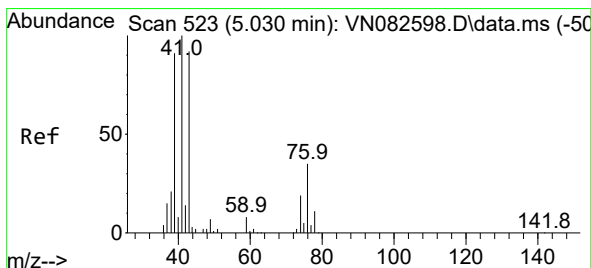
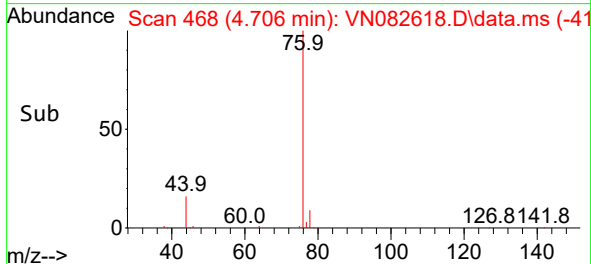
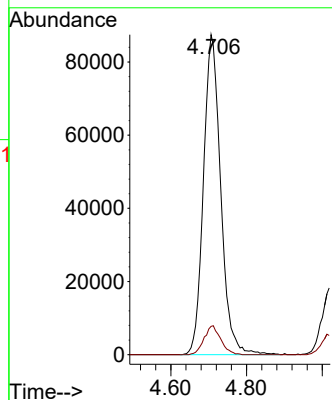
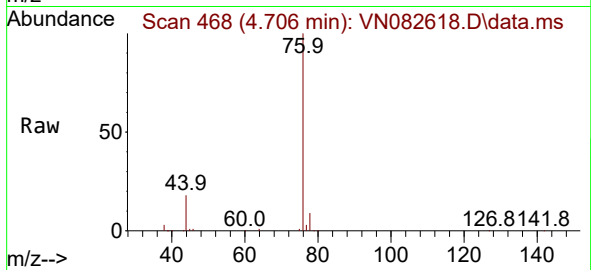




#17
Carbon Disulfide
Concen: 45.131 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

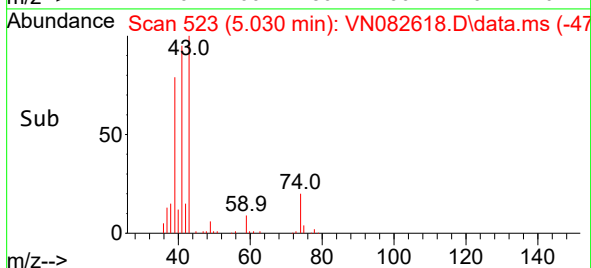
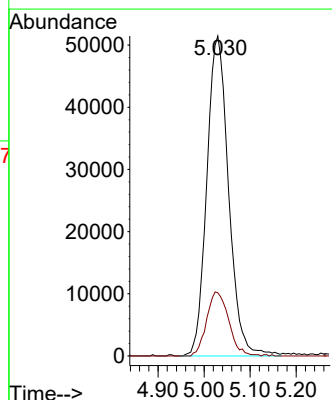
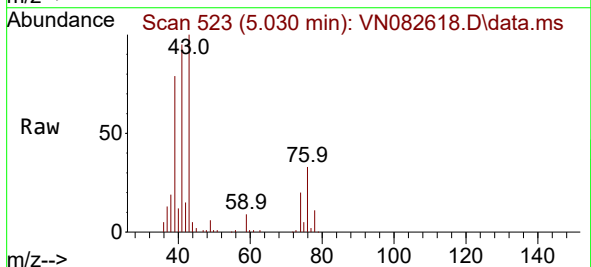
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

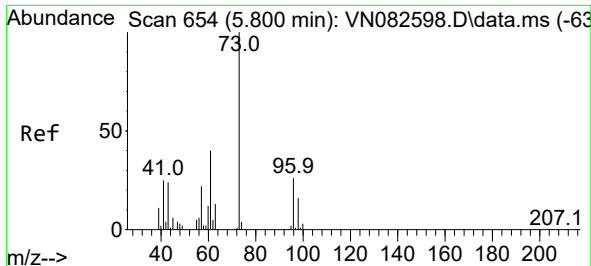
Tgt Ion: 76 Resp: 275929
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 54.916 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 43 Resp: 169375
Ion Ratio Lower Upper
43 100
74 20.2 16.3 24.5

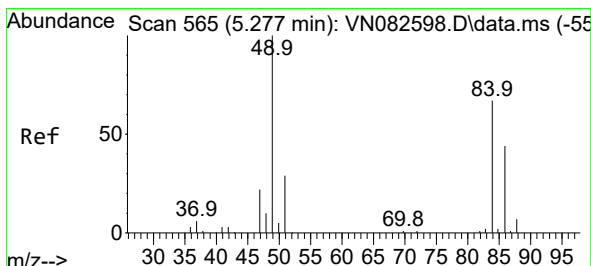
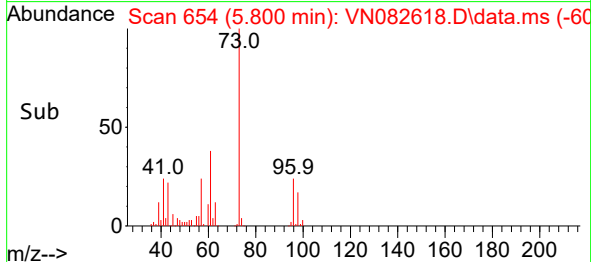
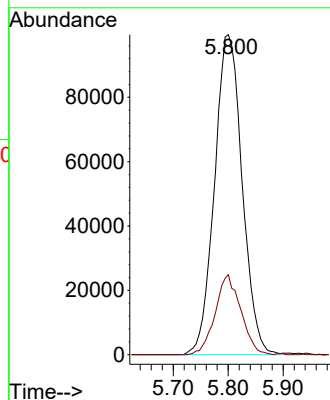
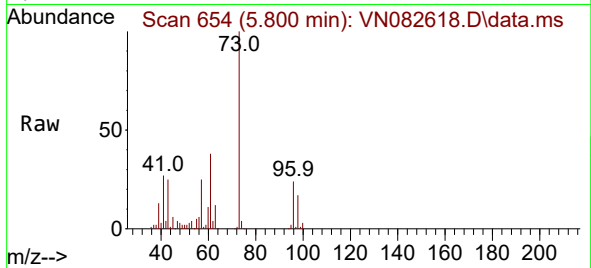




#19
Methyl tert-butyl Ether
Concen: 52.731 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

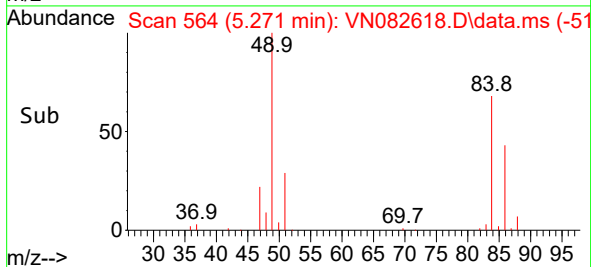
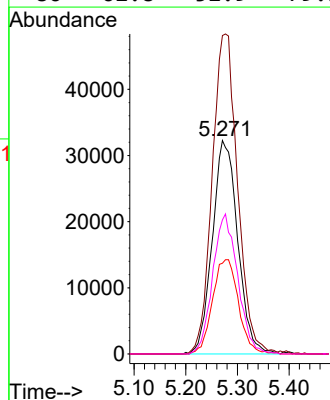
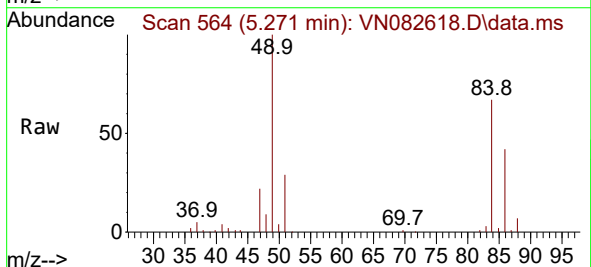
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

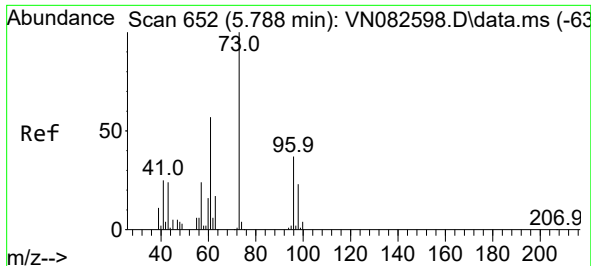
Tgt Ion: 73 Resp: 347497
Ion Ratio Lower Upper
73 100
57 25.0 17.9 26.9



#20
Methylene Chloride
Concen: 49.674 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 84 Resp: 110130
Ion Ratio Lower Upper
84 100
49 149.1 119.6 179.4
51 42.5 34.8 52.2
86 62.8 52.9 79.3

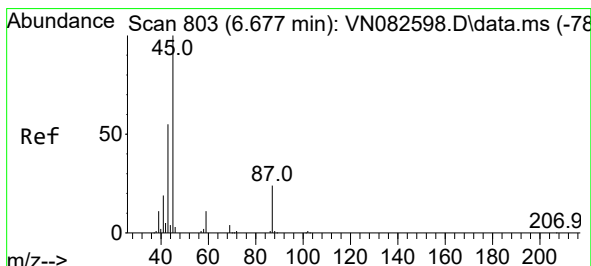
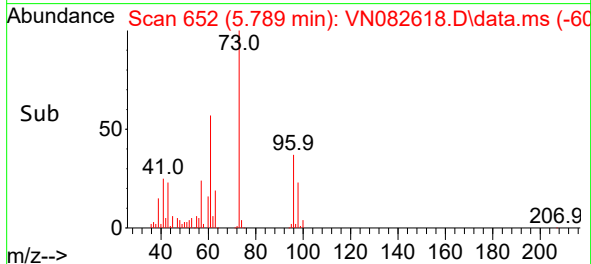
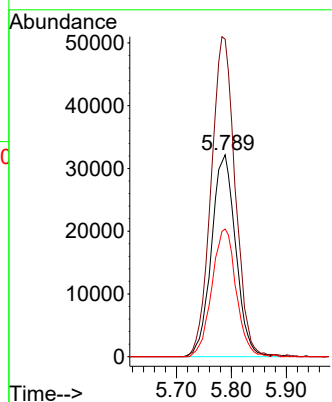
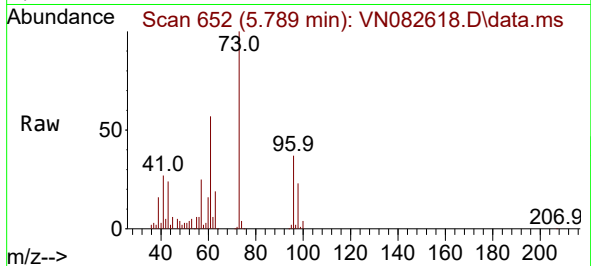




#21
trans-1,2-Dichloroethene
Concen: 48.202 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

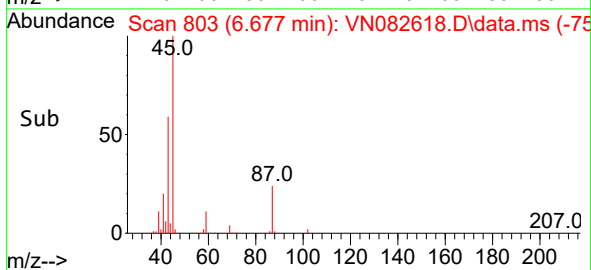
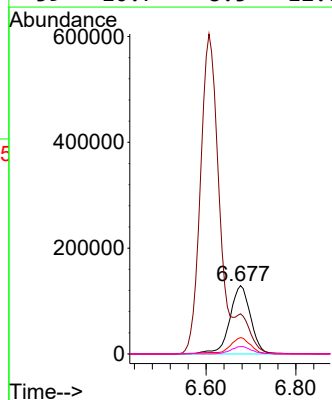
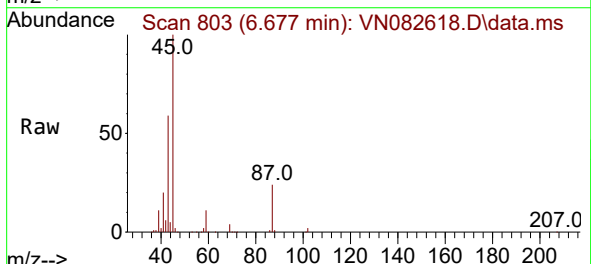
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

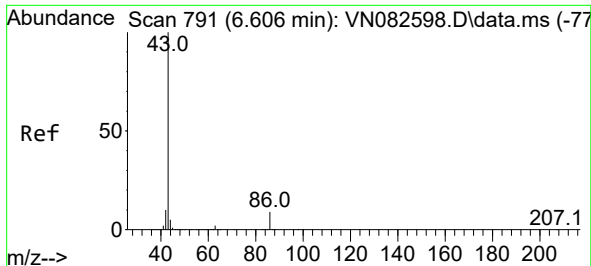
Tgt Ion: 96 Resp: 98623
Ion Ratio Lower Upper
96 100
61 157.2 123.4 185.2
98 63.2 49.3 73.9



#22
Diisopropyl ether
Concen: 52.469 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 45 Resp: 414305
Ion Ratio Lower Upper
45 100
43 58.0 44.0 66.0
87 23.8 19.7 29.5
59 10.7 8.5 12.7

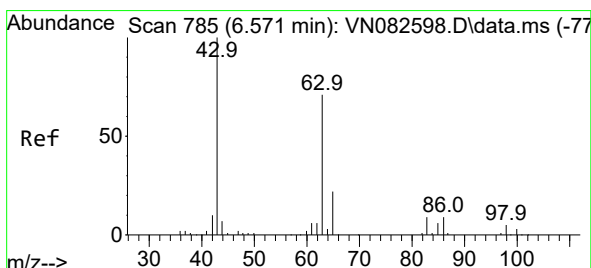
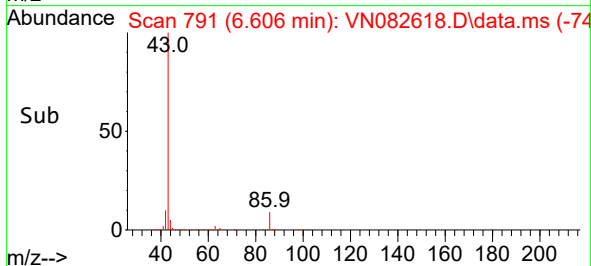
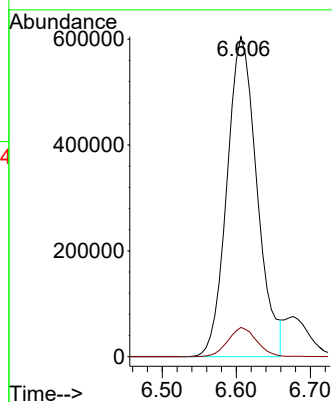
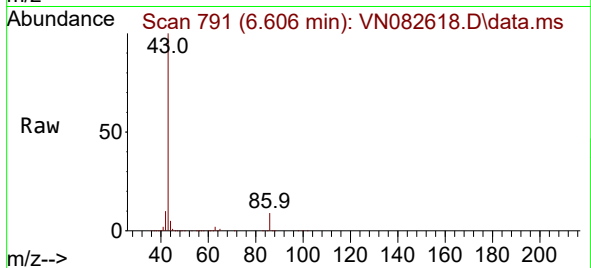




#23
 Vinyl Acetate
 Concen: 271.958 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082618.D
 Acq: 17 Jun 2024 19:02

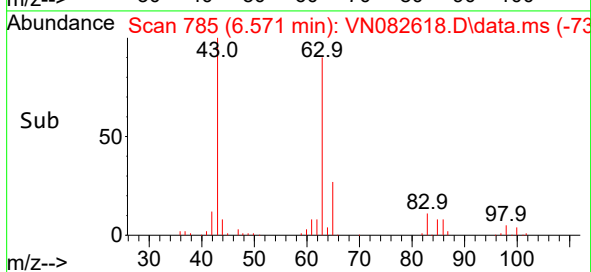
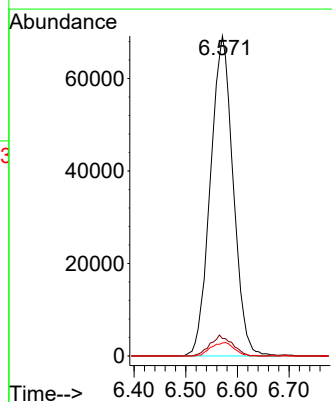
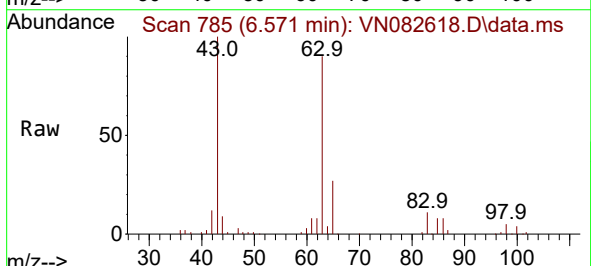
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

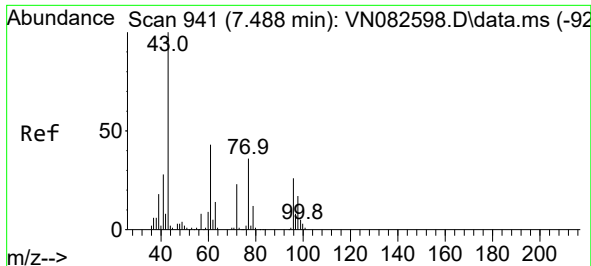
Tgt Ion: 43 Resp: 1702910
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 49.524 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082618.D
 Acq: 17 Jun 2024 19:02

Tgt Ion: 63 Resp: 211838
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.3 9.9
 100 4.0 2.0 6.0

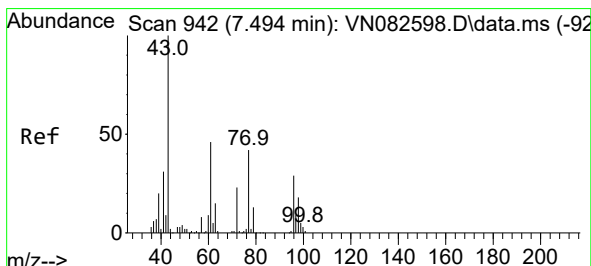
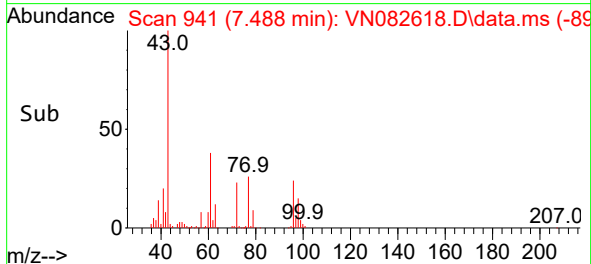
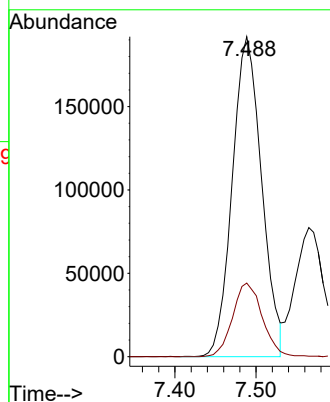
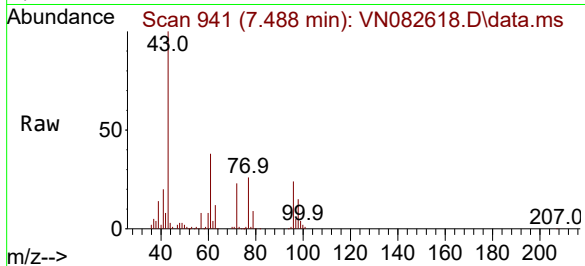




#25
2-Butanone
Concen: 268.667 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

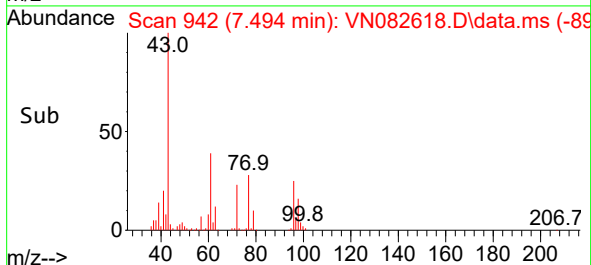
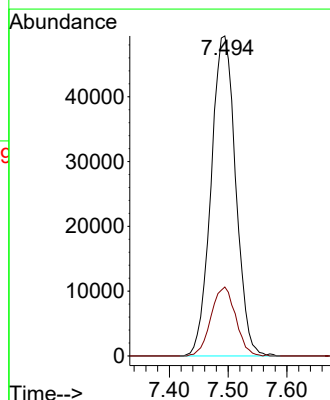
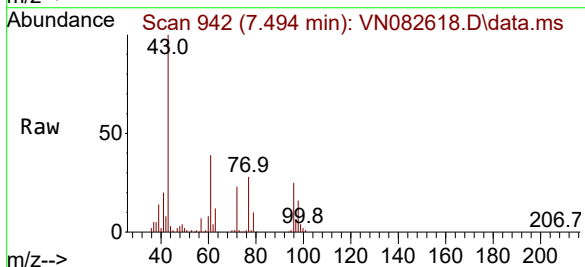
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

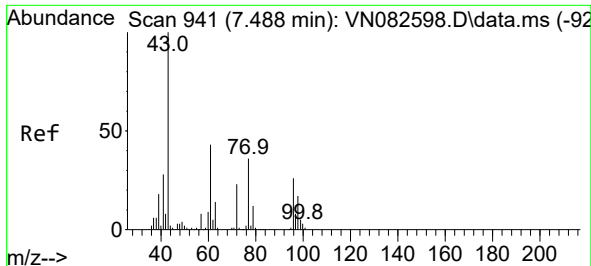
Tgt Ion: 43 Resp: 481566
Ion Ratio Lower Upper
43 100
72 23.0 18.2 27.2



#26
2,2-Dichloropropane
Concen: 38.714 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 77 Resp: 143657
Ion Ratio Lower Upper
77 100
97 21.6 10.3 30.9

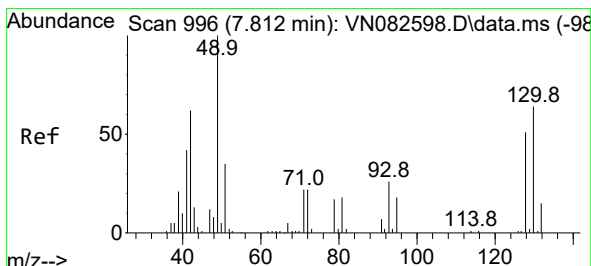
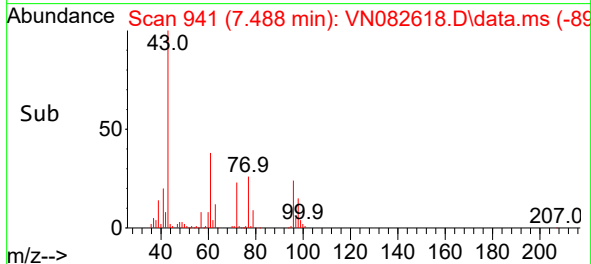
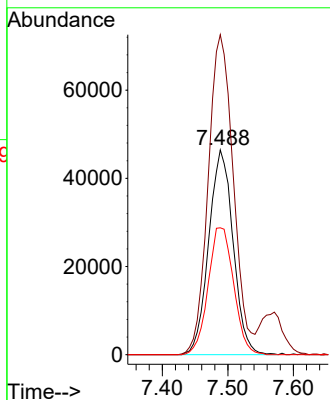
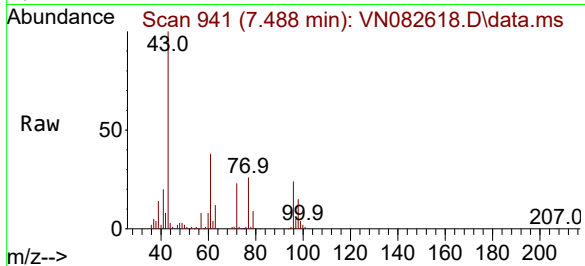




#27
 cis-1,2-Dichloroethene
 Concen: 48.693 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082618.D
 Acq: 17 Jun 2024 19:02

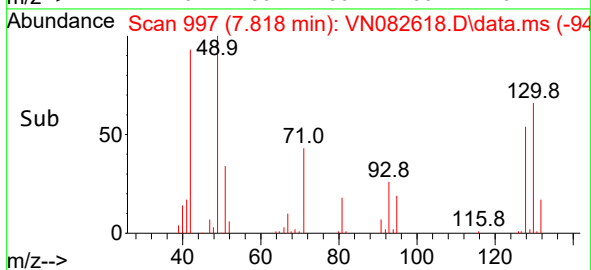
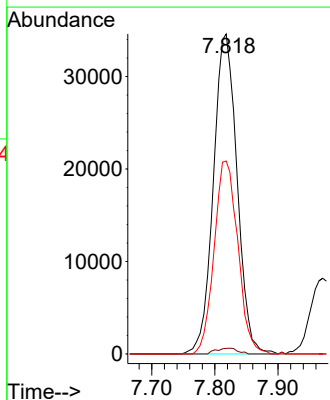
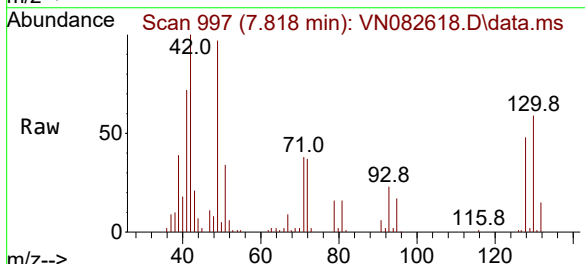
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

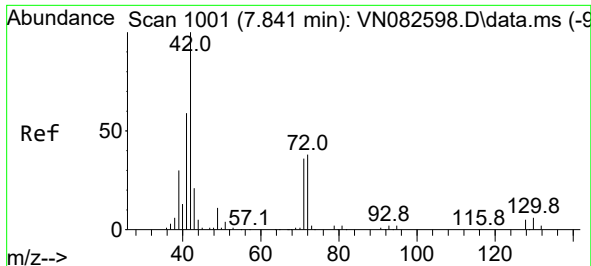
Tgt Ion: 96 Resp: 120044
 Ion Ratio Lower Upper
 96 100
 61 161.3 0.0 329.6
 98 64.8 0.0 128.6



#28
 Bromochloromethane
 Concen: 46.185 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082618.D
 Acq: 17 Jun 2024 19:02

Tgt Ion: 49 Resp: 90157
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 60.3 50.5 75.7





#29

Tetrahydrofuran

Concen: 302.623 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

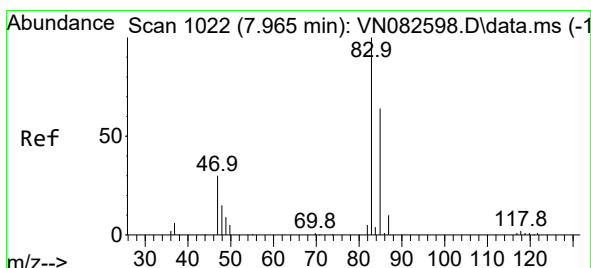
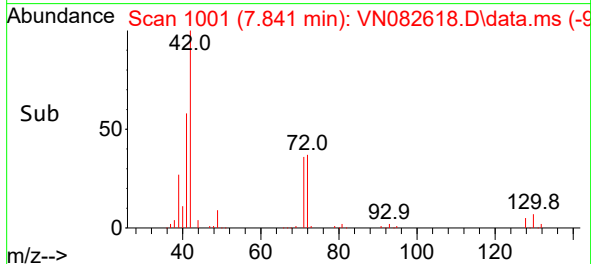
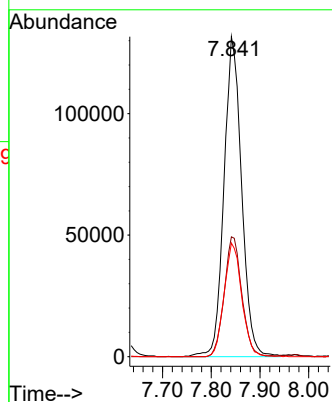
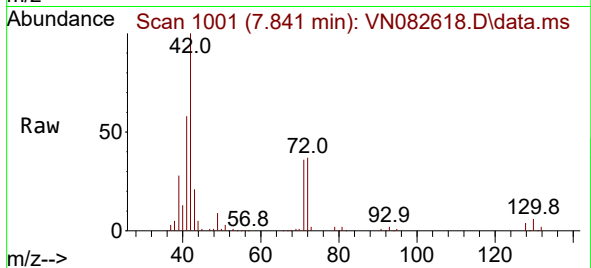
Tgt Ion: 42 Resp: 332063

Ion Ratio Lower Upper

42 100

72 37.2 30.0 45.0

71 35.4 28.3 42.5



#30

Chloroform

Concen: 50.377 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN082618.D

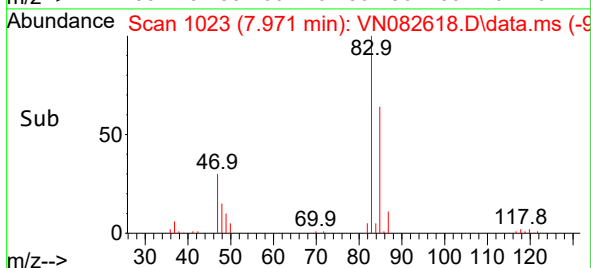
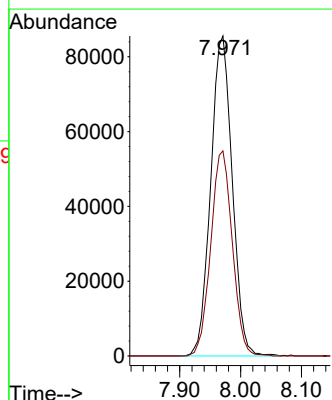
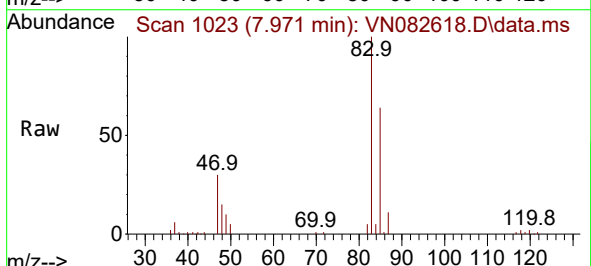
Acq: 17 Jun 2024 19:02

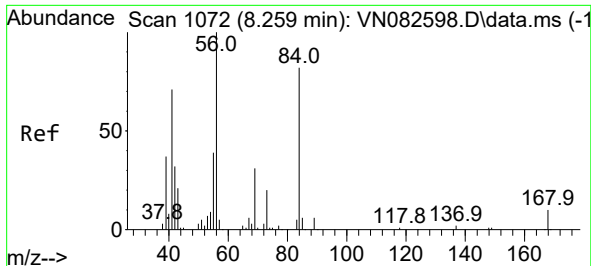
Tgt Ion: 83 Resp: 210199

Ion Ratio Lower Upper

83 100

85 64.1 50.9 76.3

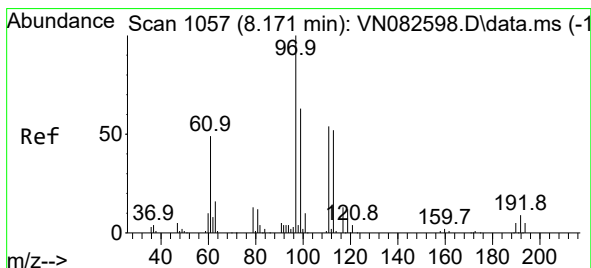
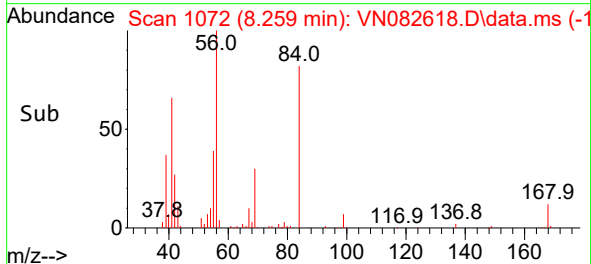
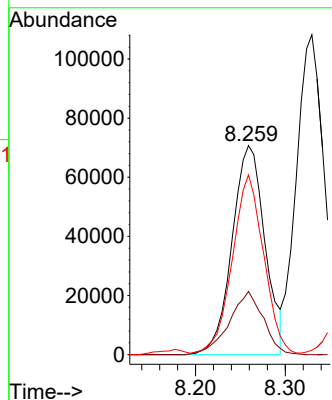
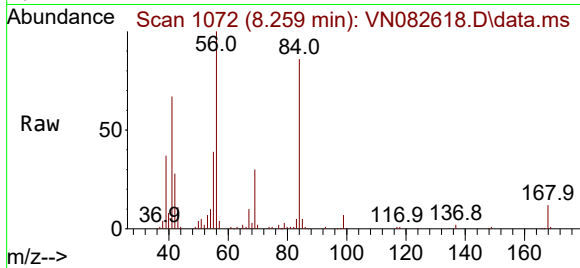




#31
Cyclohexane
Concen: 44.988 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

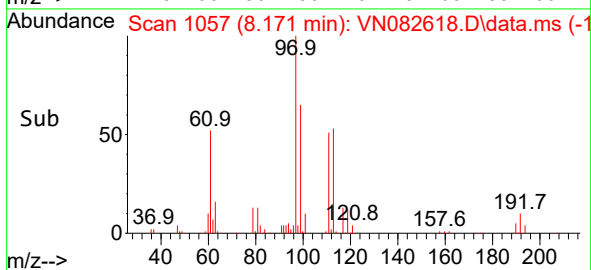
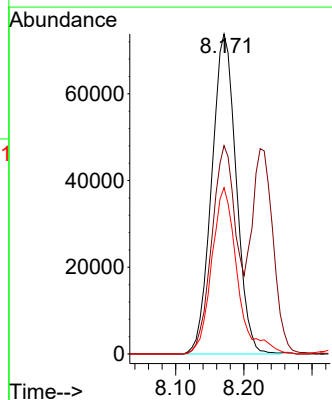
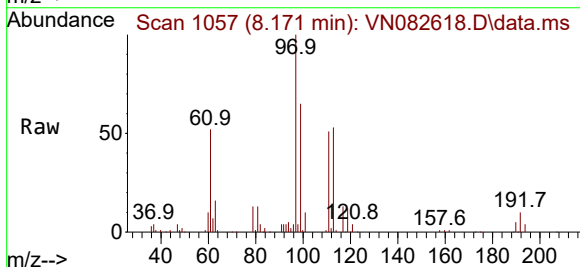
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

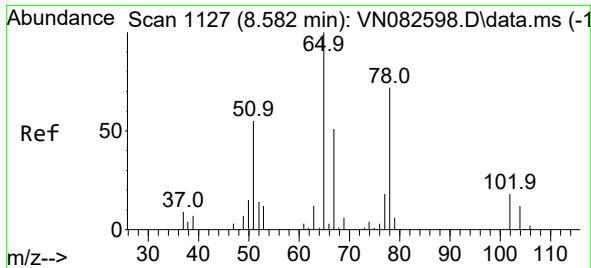
Tgt Ion: 56 Resp: 180030
Ion Ratio Lower Upper
56 100
69 30.2 24.5 36.7
84 83.9 66.0 99.0



#32
1,1,1-Trichloroethane
Concen: 48.890 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 97 Resp: 184985
Ion Ratio Lower Upper
97 100
99 65.6 52.0 78.0
61 54.2 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 48.275 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

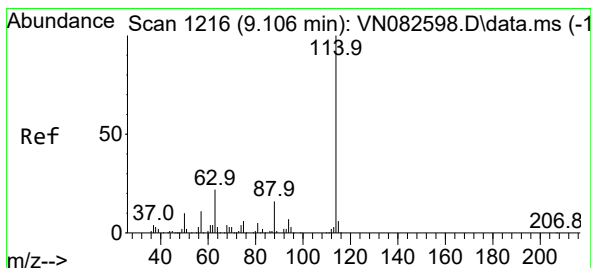
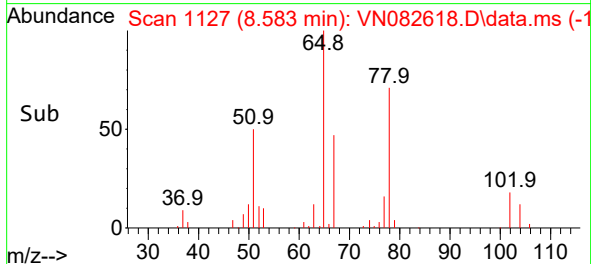
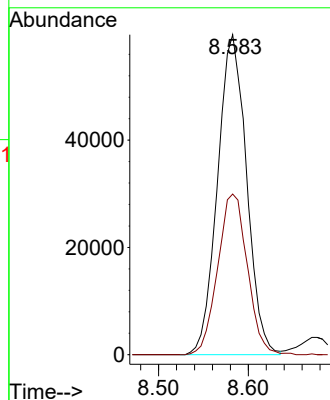
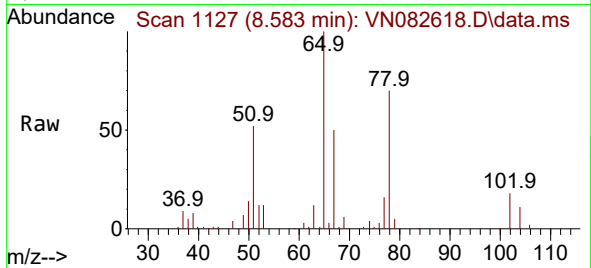
VSTDCCC050EC

Tgt Ion: 65 Resp: 133858

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

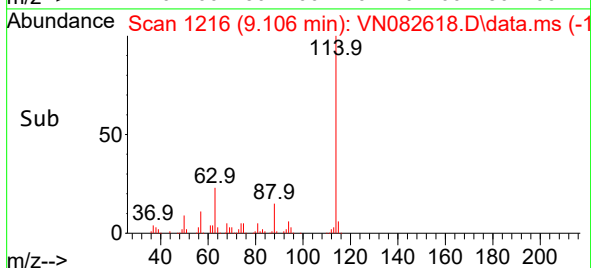
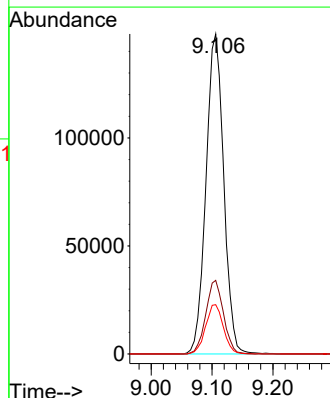
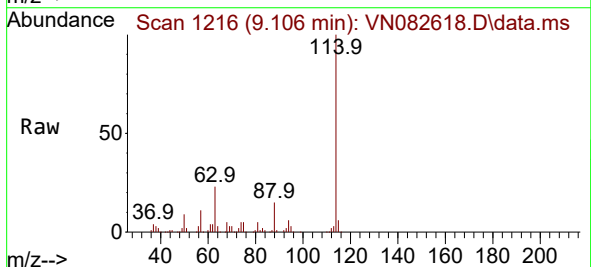
Tgt Ion: 114 Resp: 300123

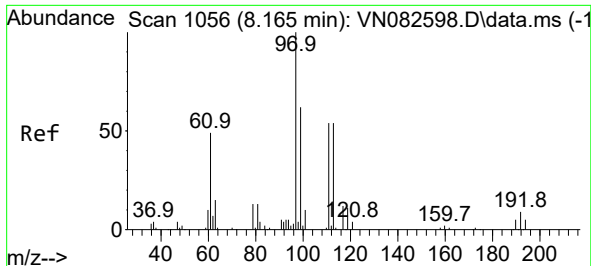
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

88 15.4 0.0 31.4

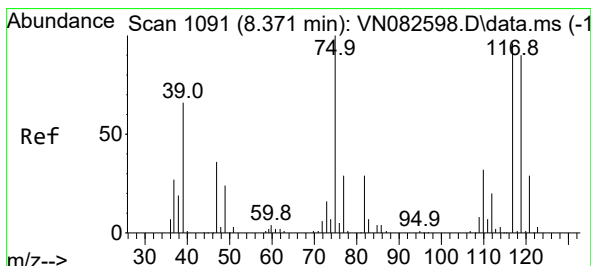
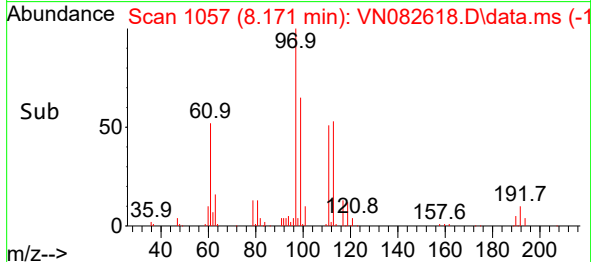
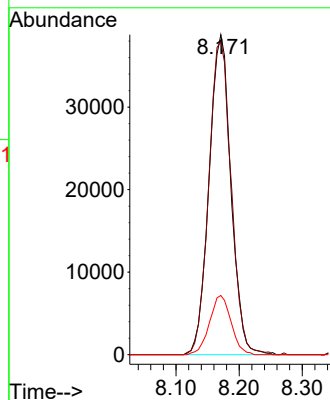
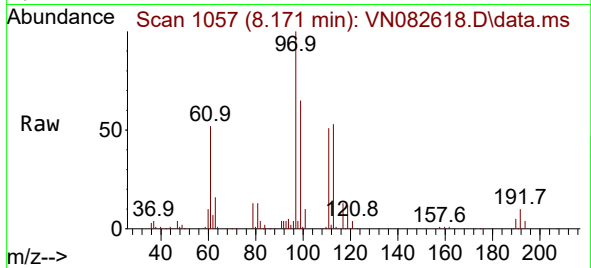




#35
Dibromofluoromethane
Concen: 45.833 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

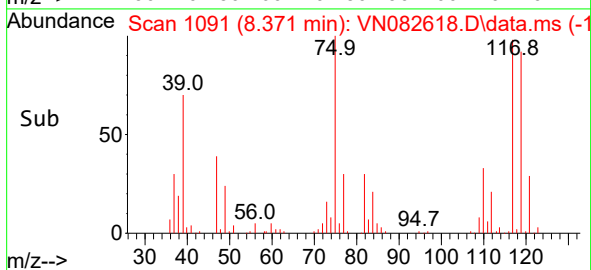
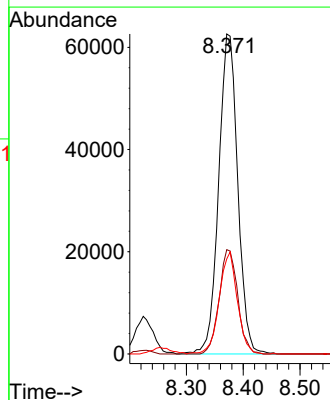
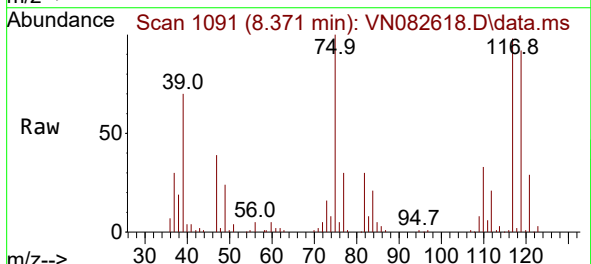
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

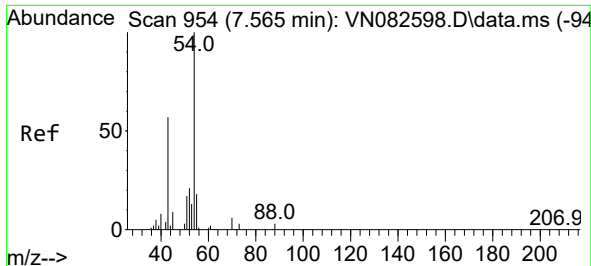
Tgt Ion:113 Resp: 93316
Ion Ratio Lower Upper
113 100
111 100.2 82.4 123.6
192 18.2 14.9 22.3



#36
1,1-Dichloropropene
Concen: 47.998 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 75 Resp: 146085
Ion Ratio Lower Upper
75 100
110 31.8 16.3 48.9
77 30.3 24.6 37.0





#37

Ethyl Acetate

Concen: 50.907 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

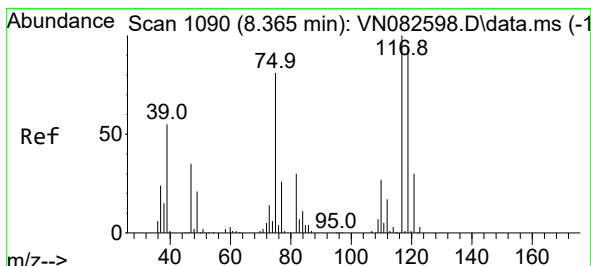
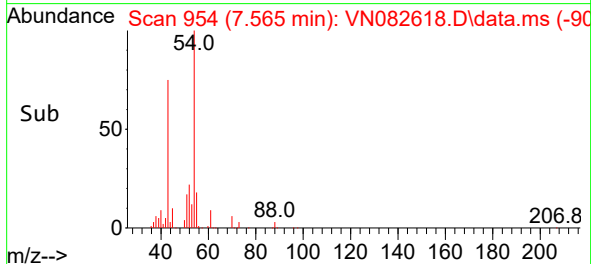
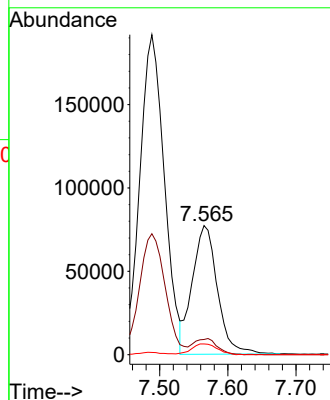
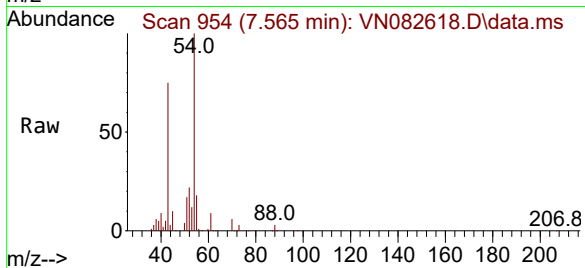
Tgt Ion: 43 Resp: 197363

Ion Ratio Lower Upper

43 100

61 11.5 9.3 13.9

70 8.6 7.0 10.6



#38

Carbon Tetrachloride

Concen: 47.878 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

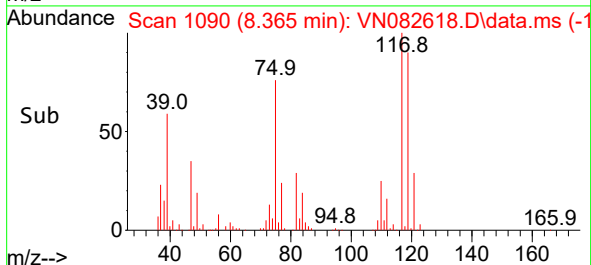
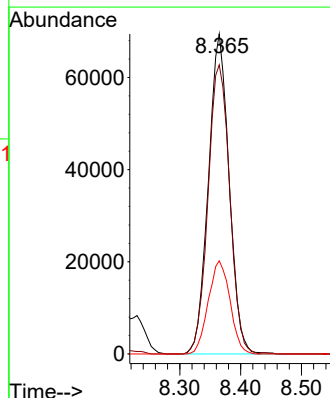
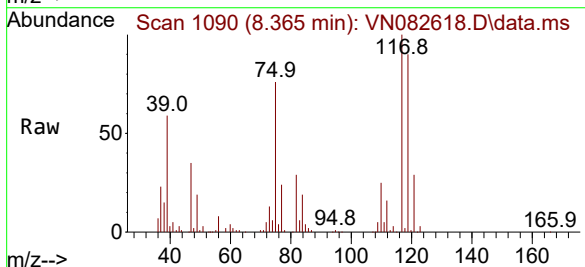
Tgt Ion: 117 Resp: 164224

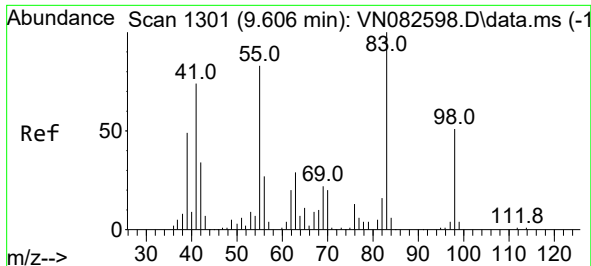
Ion Ratio Lower Upper

117 100

119 90.4 74.9 112.3

121 29.1 24.3 36.5





#39

Methylcyclohexane

Concen: 46.989 ug/l

RT: 9.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

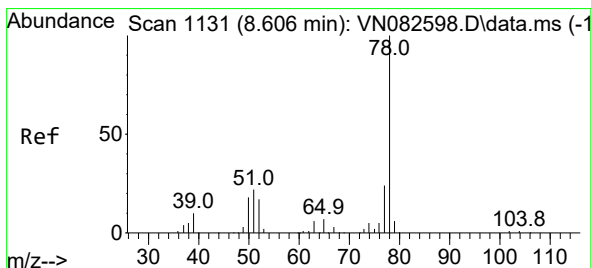
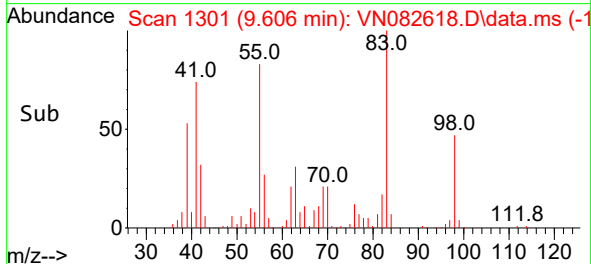
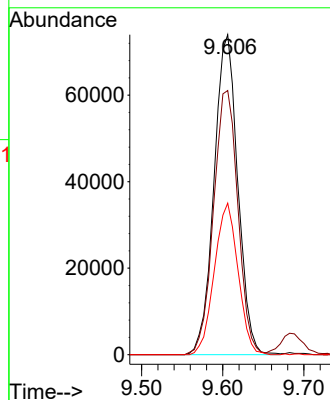
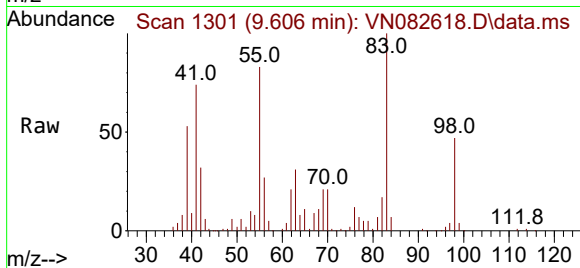
Tgt Ion: 83 Resp: 150507

Ion Ratio Lower Upper

83 100

55 82.6 66.4 99.6

98 47.3 40.7 61.1



#40

Benzene

Concen: 48.622 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN082618.D

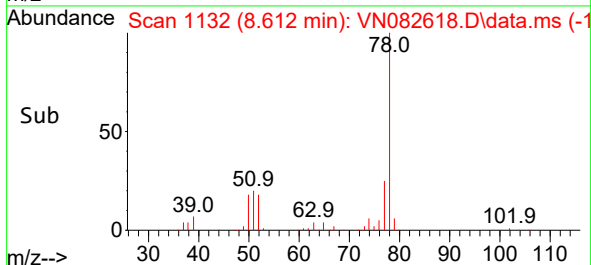
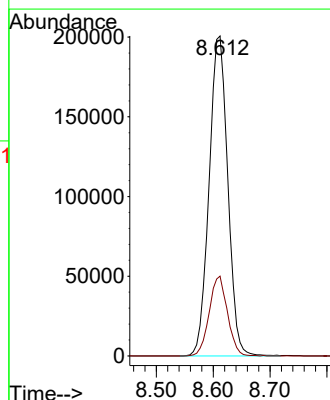
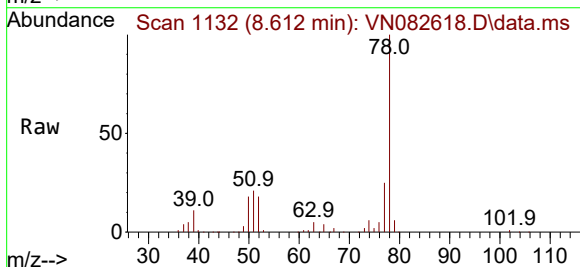
Acq: 17 Jun 2024 19:02

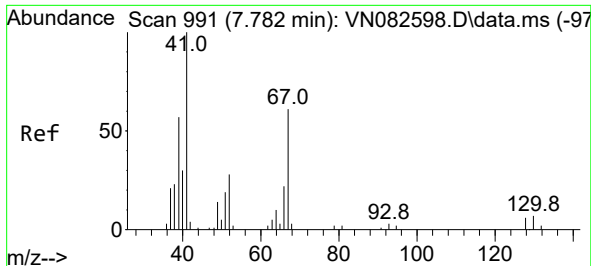
Tgt Ion: 78 Resp: 457260

Ion Ratio Lower Upper

78 100

77 24.9 19.0 28.4



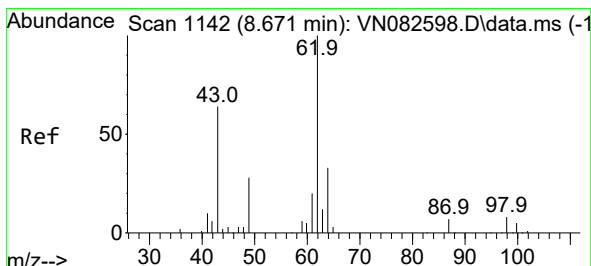
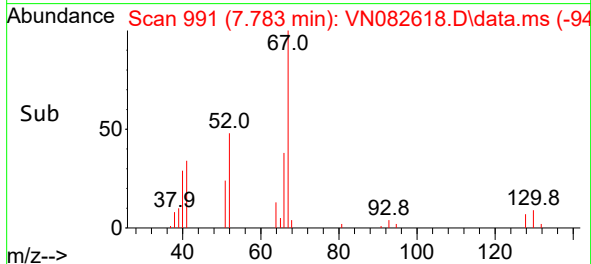
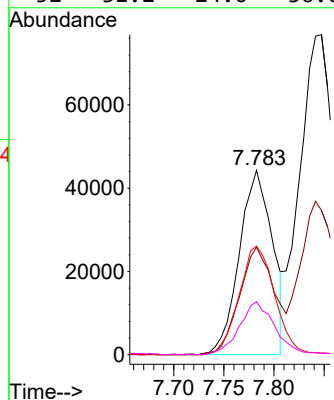
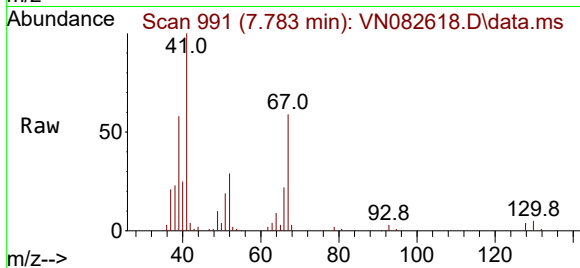


#41
Methacrylonitrile
Concen: 51.227 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 101520

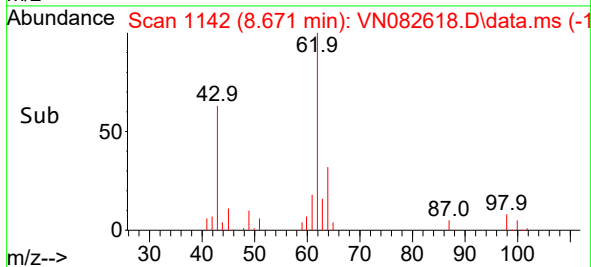
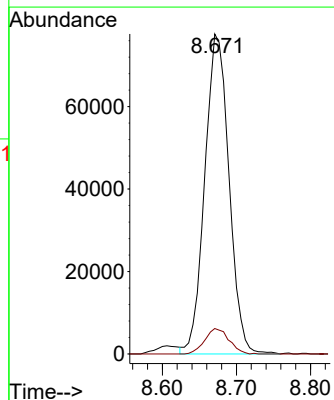
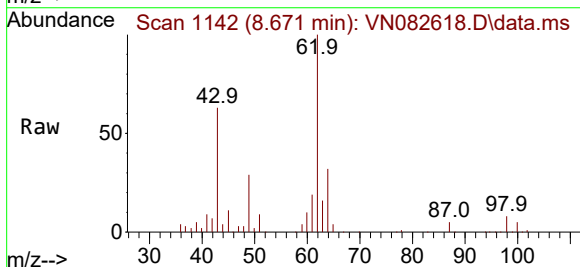
Ion	Ratio	Lower	Upper
41	100		
39	62.4	45.5	68.3
67	63.9	50.5	75.7
52	31.2	24.0	36.0

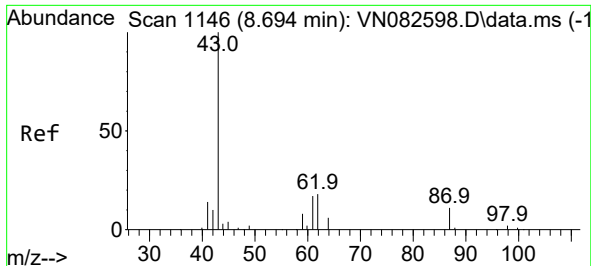


#42
1,2-Dichloroethane
Concen: 49.342 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 62 Resp: 176506

Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8

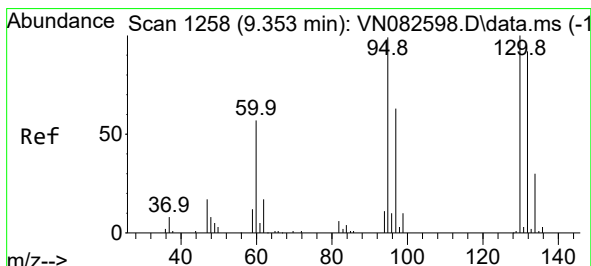
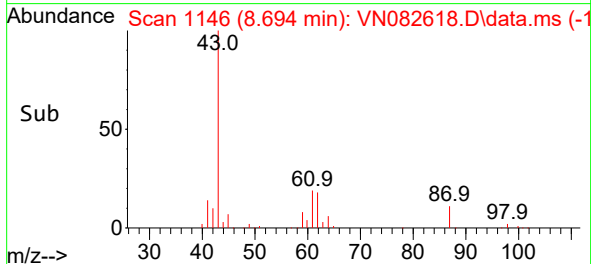
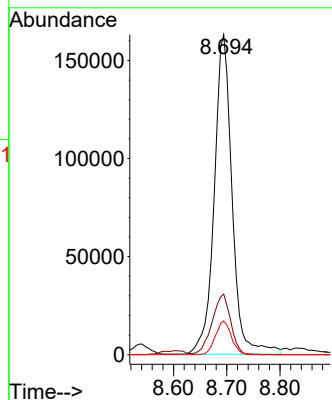
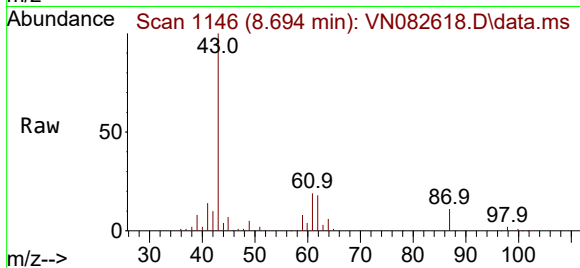




#43
Isopropyl Acetate
Concen: 52.502 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

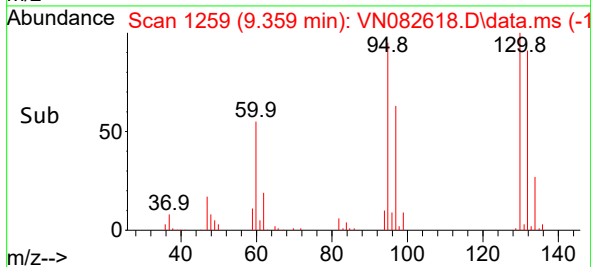
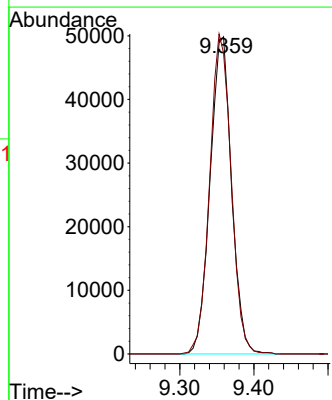
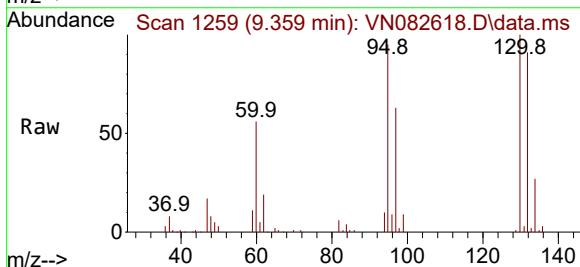
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

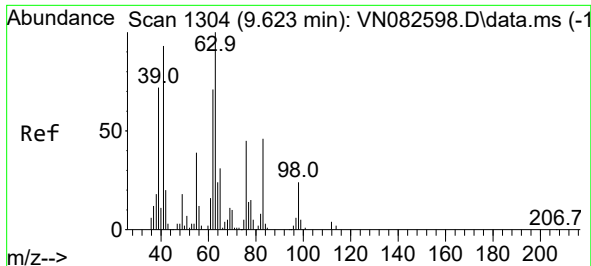
Tgt Ion: 43 Resp: 380403
Ion Ratio Lower Upper
43 100
61 19.7 17.8 26.6
87 9.3 8.2 12.2



#44
Trichloroethene
Concen: 45.837 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion:130 Resp: 100096
Ion Ratio Lower Upper
130 100
95 94.9 0.0 197.8





#45

1,2-Dichloropropane

Concen: 49.638 ug/l

RT: 9.624 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

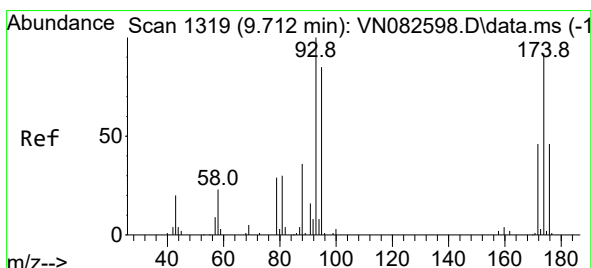
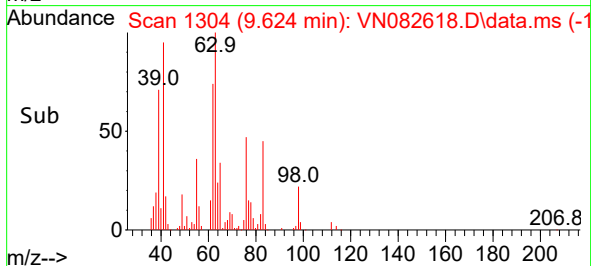
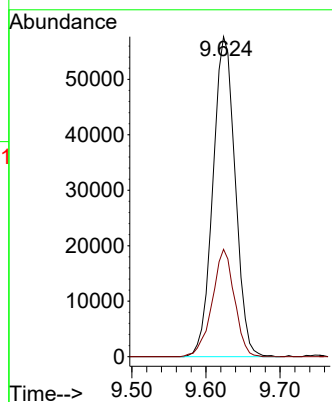
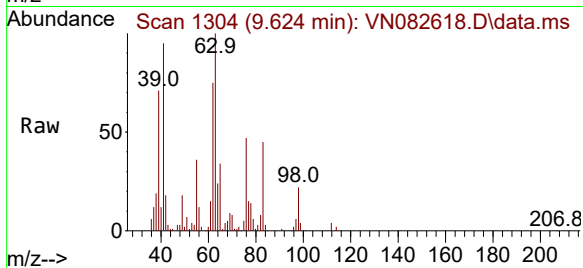
VSTDCCC050EC

Tgt Ion: 63 Resp: 120159

Ion Ratio Lower Upper

63 100

65 33.5 24.4 36.6



#46

Dibromomethane

Concen: 49.676 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

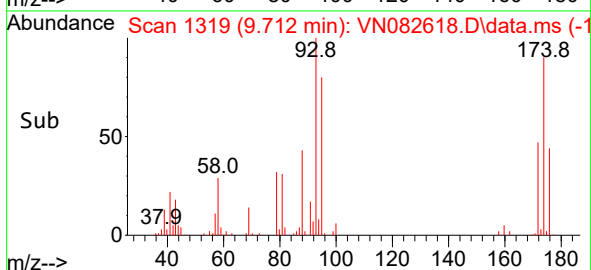
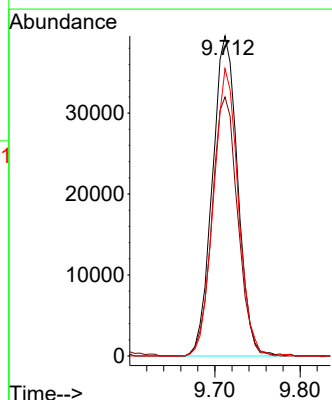
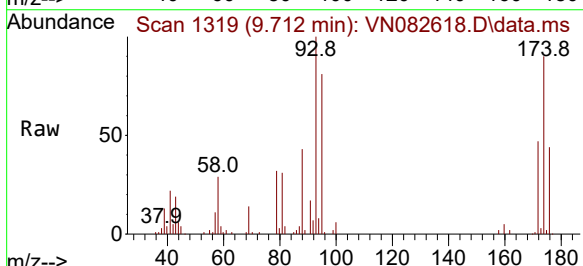
Tgt Ion: 93 Resp: 81514

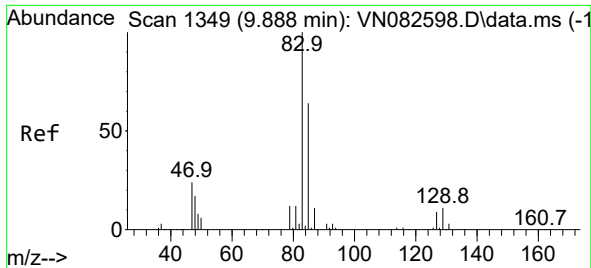
Ion Ratio Lower Upper

93 100

95 82.0 65.8 98.6

174 87.5 71.7 107.5

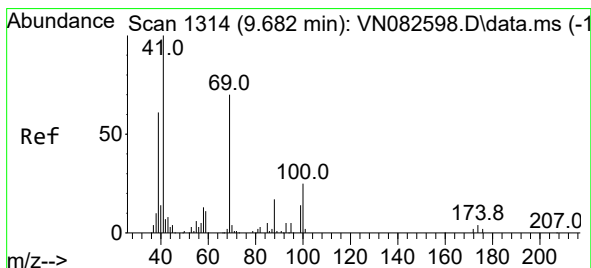
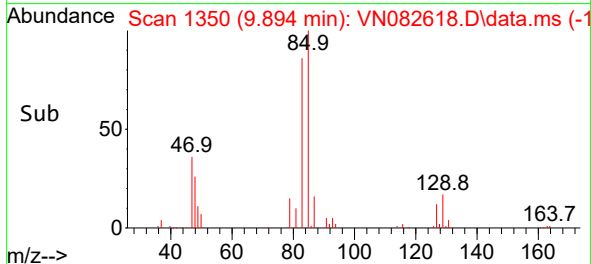
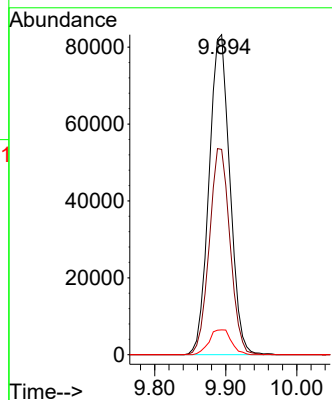
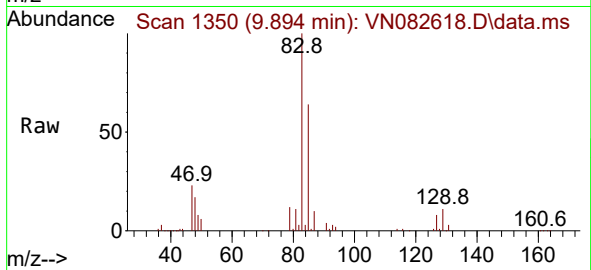




#47
Bromodichloromethane
Concen: 48.320 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

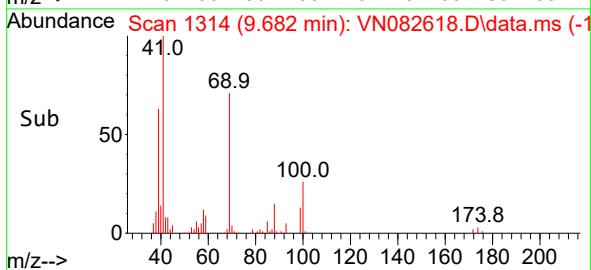
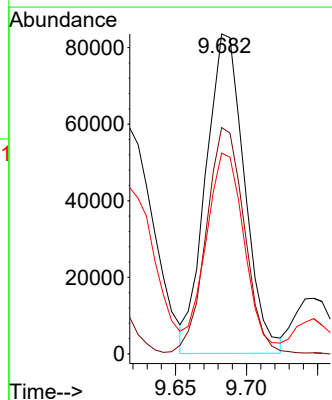
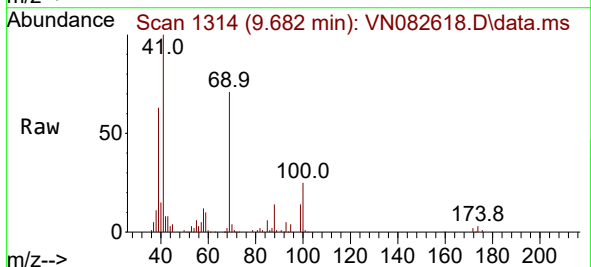
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

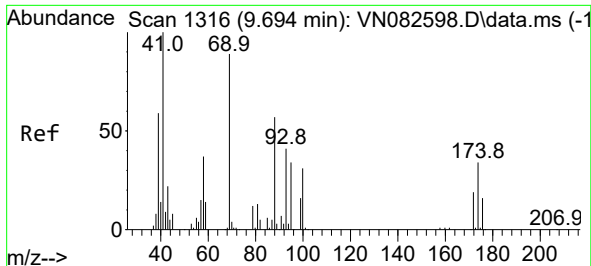
Tgt Ion: 83 Resp: 169042
Ion Ratio Lower Upper
83 100
85 64.2 51.1 76.7
127 7.8 7.2 10.8



#48
Methyl methacrylate
Concen: 52.878 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 41 Resp: 157939
Ion Ratio Lower Upper
41 100
69 70.0 56.3 84.5
39 63.6 50.3 75.5





#49

1,4-Dioxane

Concen: 1159.884 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

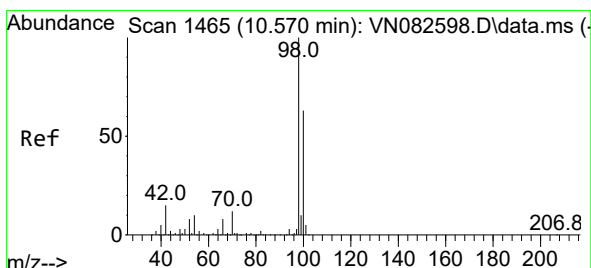
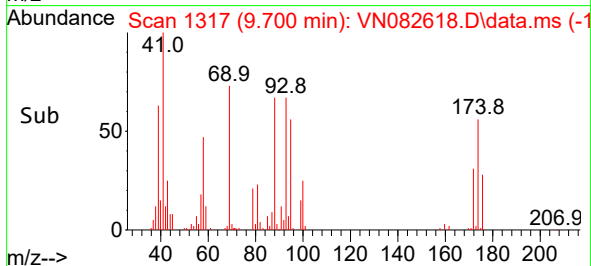
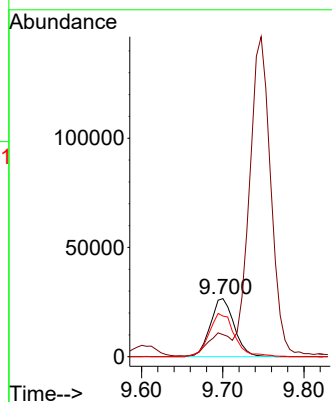
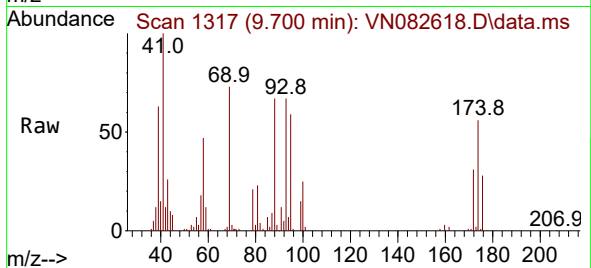
Tgt Ion: 88 Resp: 54190

Ion Ratio Lower Upper

88 100

43 38.1 27.8 41.8

58 79.6 59.4 89.0



#50

Toluene-d8

Concen: 46.618 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082618.D

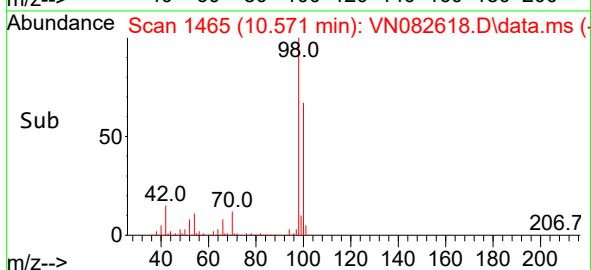
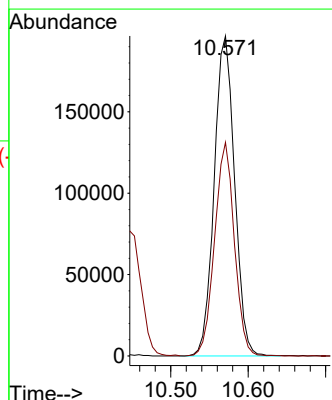
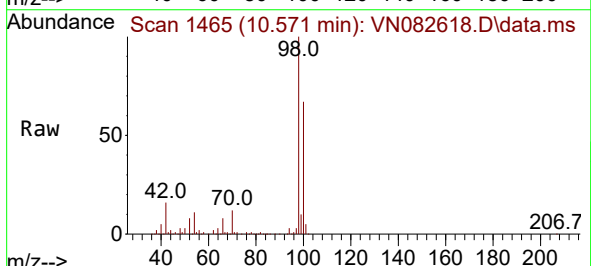
Acq: 17 Jun 2024 19:02

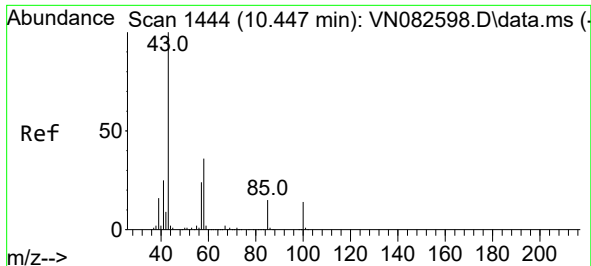
Tgt Ion: 98 Resp: 358933

Ion Ratio Lower Upper

98 100

100 64.8 51.5 77.3

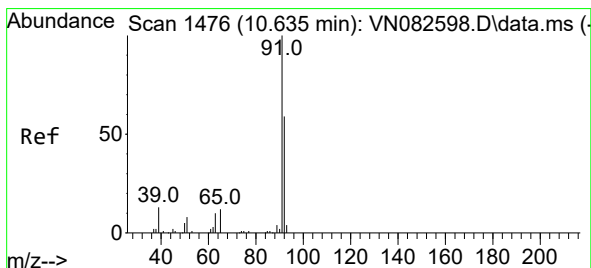
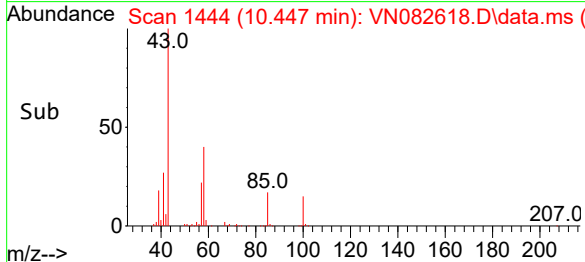
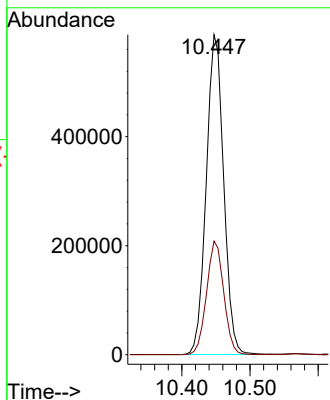
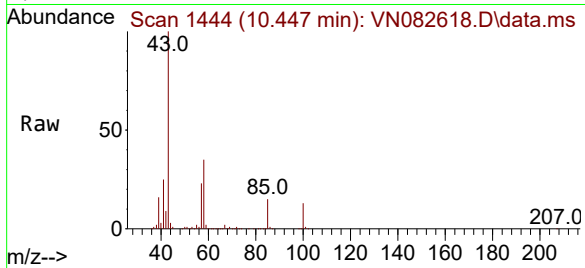




#51
4-Methyl-2-Pentanone
Concen: 280.758 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

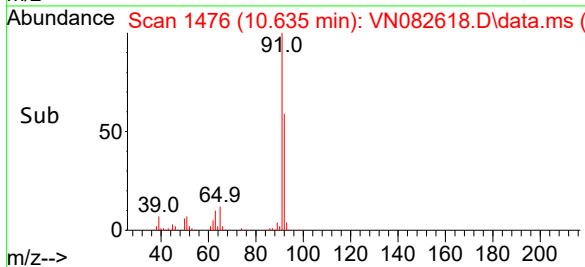
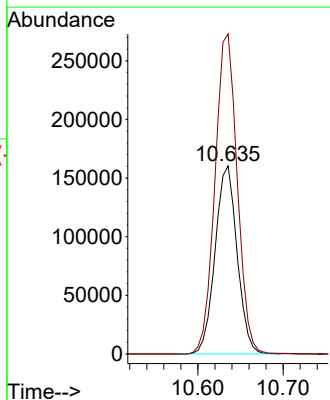
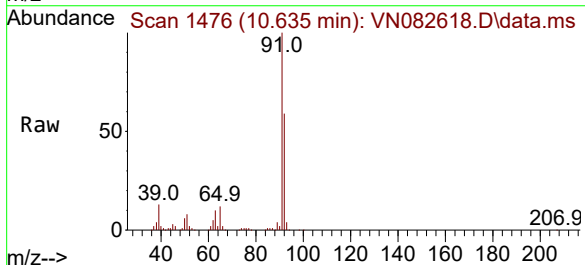
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

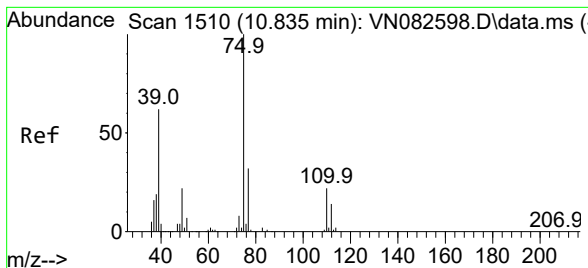
Tgt Ion: 43 Resp: 1043376
Ion Ratio Lower Upper
43 100
58 35.1 28.2 42.4



#52
Toluene
Concen: 50.441 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 92 Resp: 287478
Ion Ratio Lower Upper
92 100
91 172.6 139.4 209.0

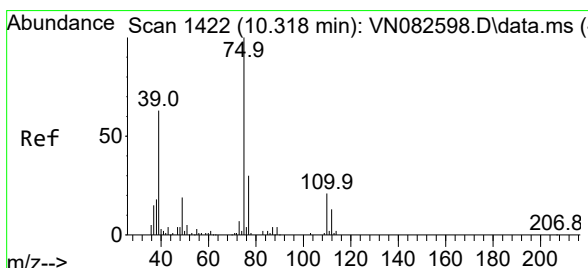
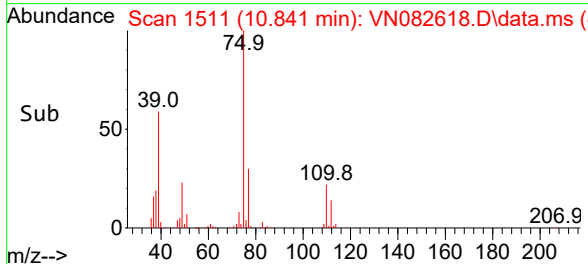
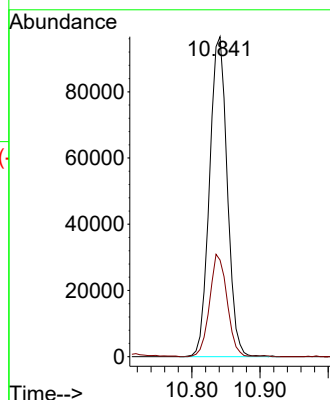
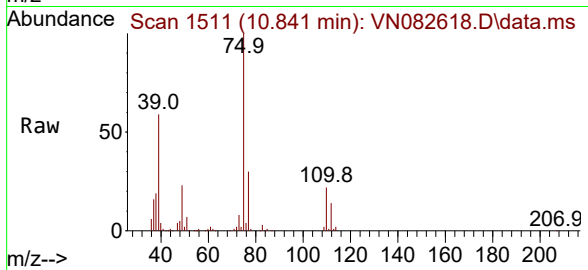




#53
 t-1,3-Dichloropropene
 Concen: 48.935 ug/l
 RT: 10.841 min Scan# 1510
 Delta R.T. 0.006 min
 Lab File: VN082618.D
 Acq: 17 Jun 2024 19:02

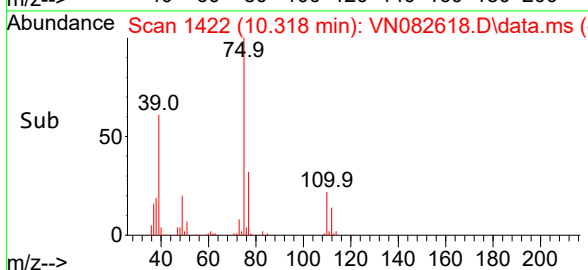
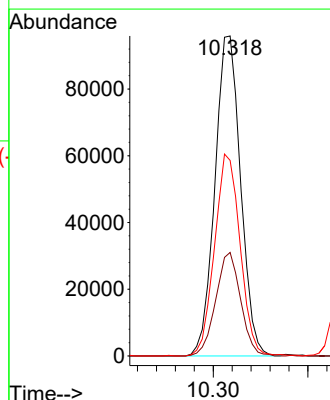
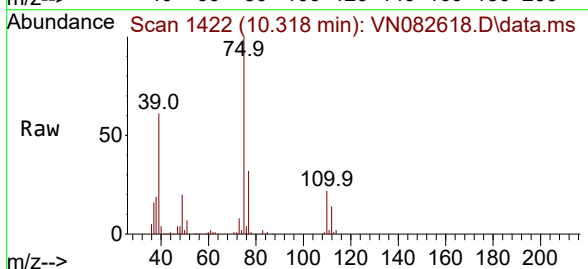
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

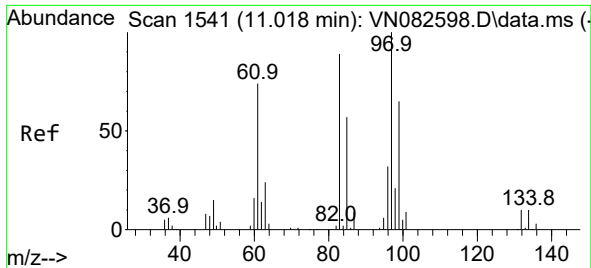
Tgt Ion: 75 Resp: 175008
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 48.916 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN082618.D
 Acq: 17 Jun 2024 19:02

Tgt Ion: 75 Resp: 180904
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.3 36.5
 39 61.1 50.5 75.7

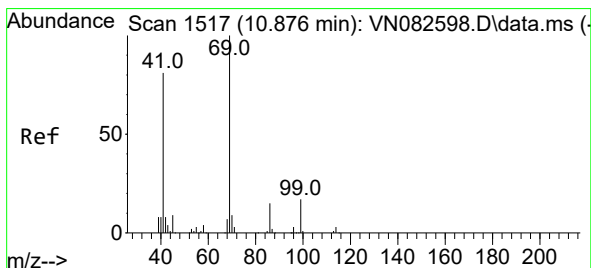
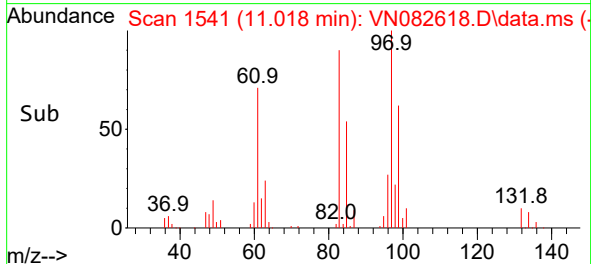
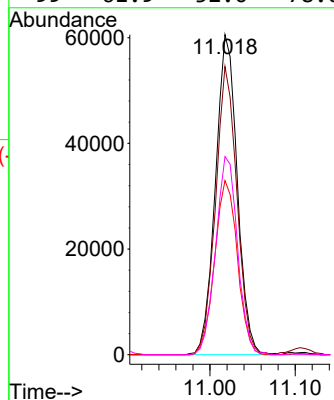
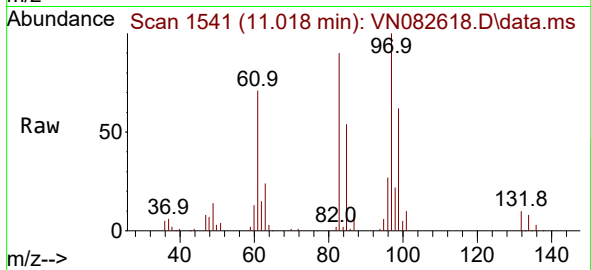




#55
1,1,2-Trichloroethane
Concen: 52.125 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

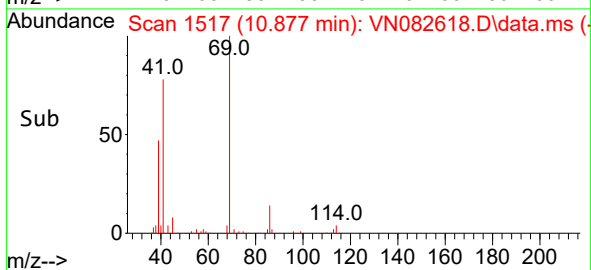
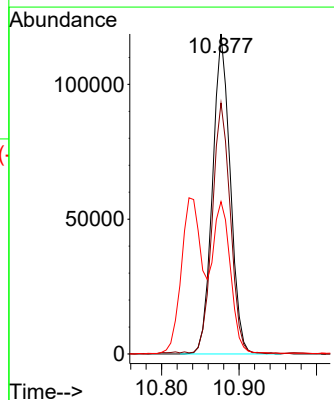
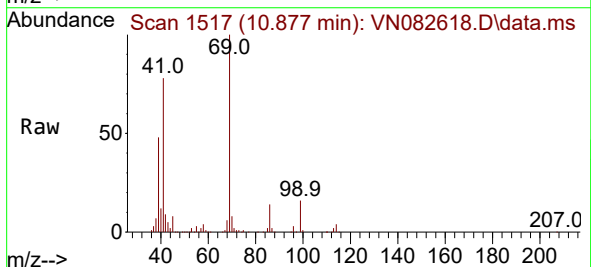
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

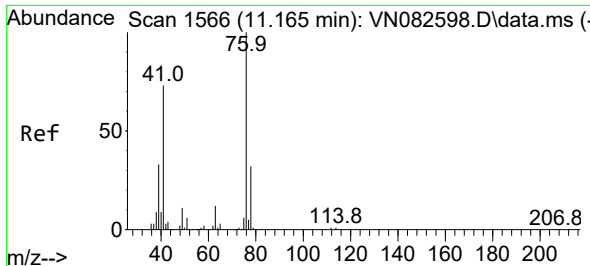
Tgt Ion:	97	Resp:	107526
Ion	Ratio	Lower	Upper
97	100		
83	90.0	71.4	107.0
85	54.4	45.8	68.6
99	61.9	52.0	78.0



#56
Ethyl methacrylate
Concen: 55.166 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion:	69	Resp:	188478
Ion	Ratio	Lower	Upper
69	100		
41	79.8	63.4	95.2
39	46.7	37.4	56.0

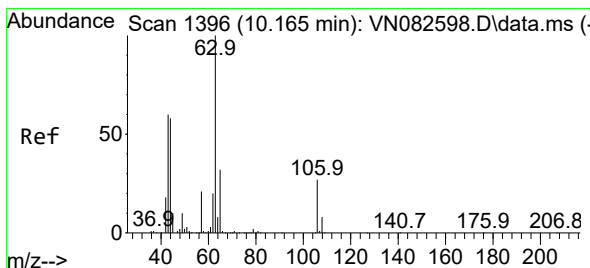
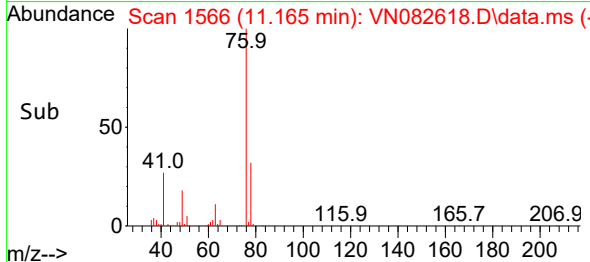
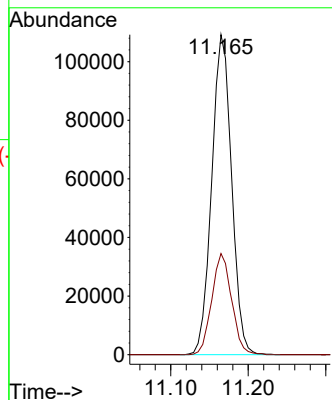
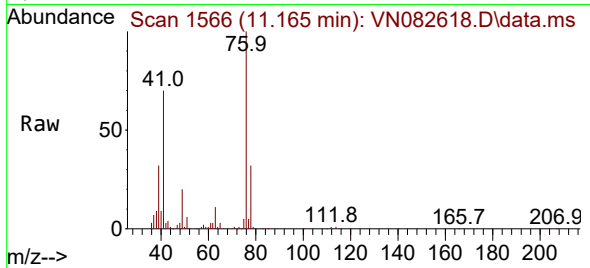




#57
1,3-Dichloropropane
Concen: 50.957 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

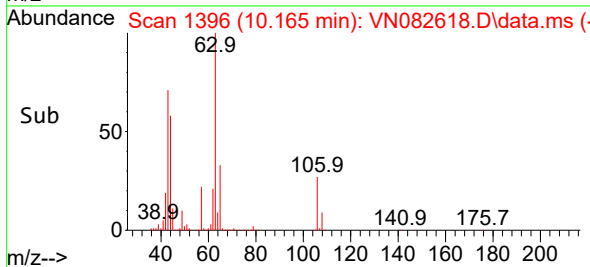
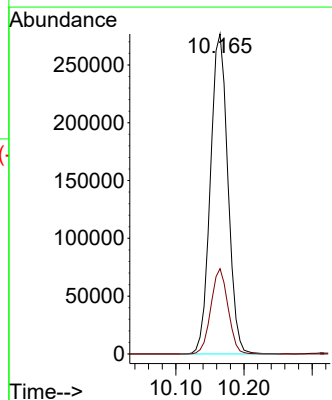
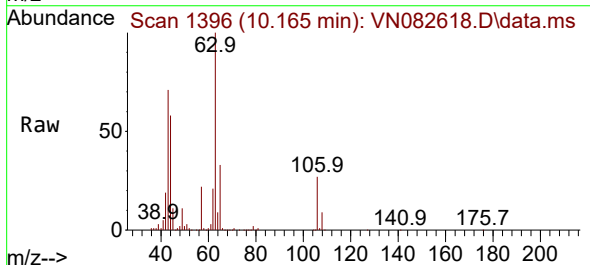
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

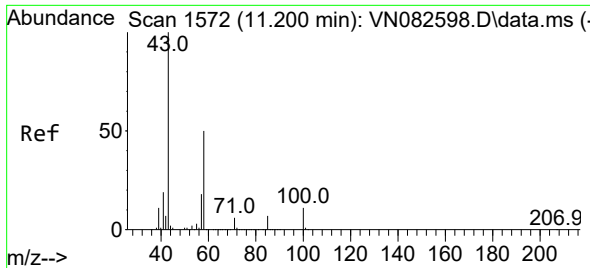
Tgt Ion: 76 Resp: 194324
Ion Ratio Lower Upper
76 100
78 31.6 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 273.216 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 63 Resp: 493800
Ion Ratio Lower Upper
63 100
106 26.0 21.4 32.0

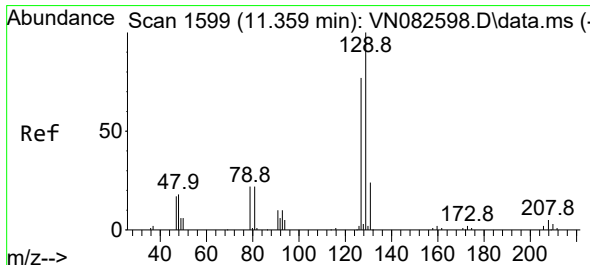
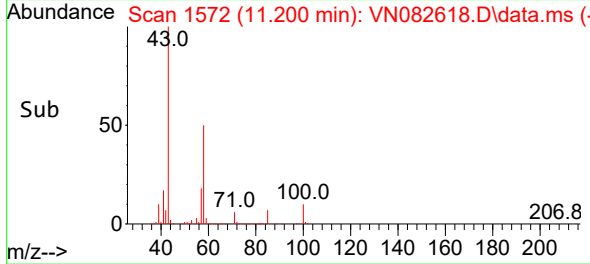
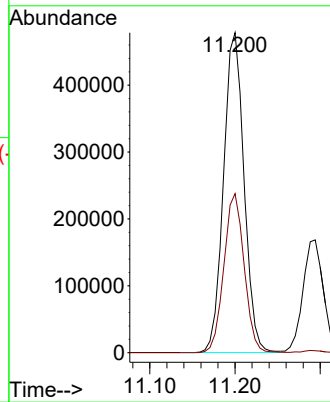
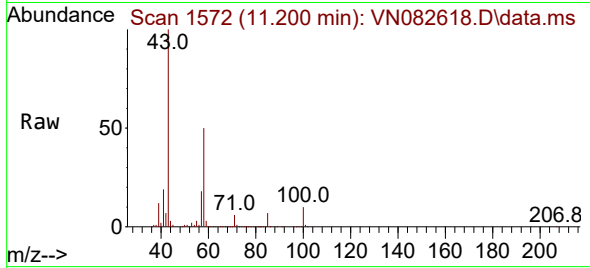




#59
2-Hexanone
Concen: 283.477 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

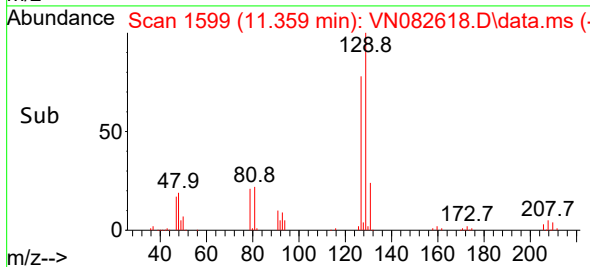
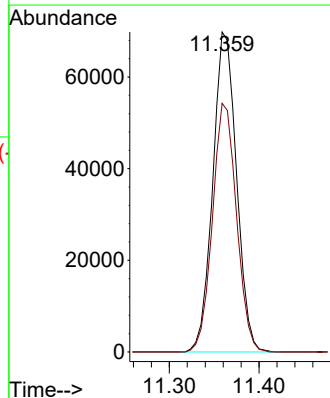
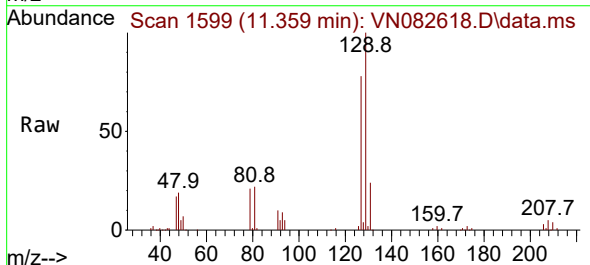
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

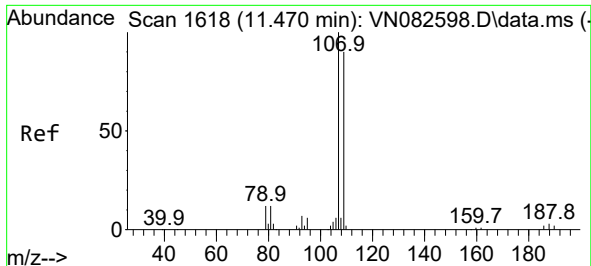
Tgt Ion: 43 Resp: 800694
Ion Ratio Lower Upper
43 100
58 49.2 24.6 73.8



#60
Dibromochloromethane
Concen: 50.914 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 129 Resp: 128209
Ion Ratio Lower Upper
129 100
127 78.7 39.2 117.6

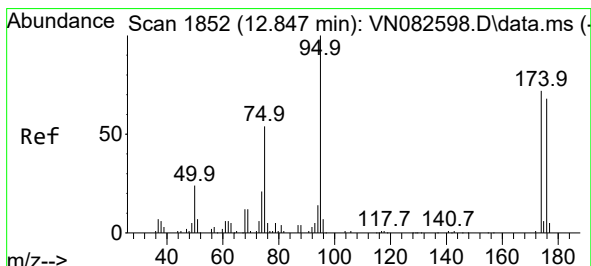
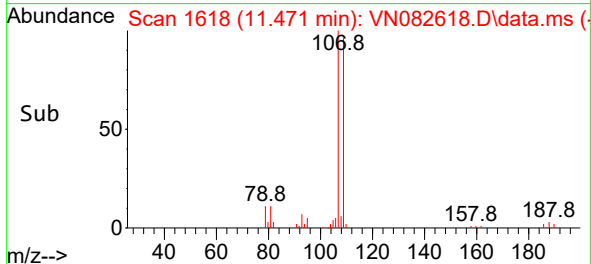
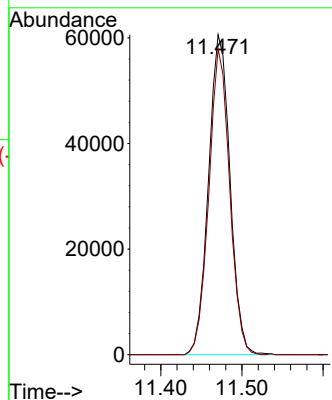
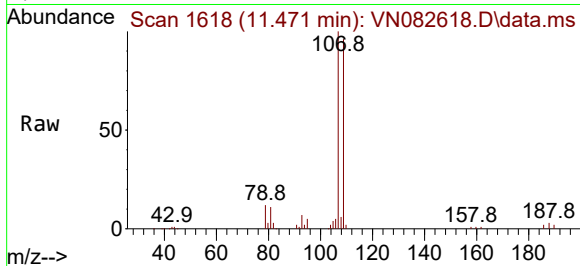




#61
1,2-Dibromoethane
Concen: 51.270 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

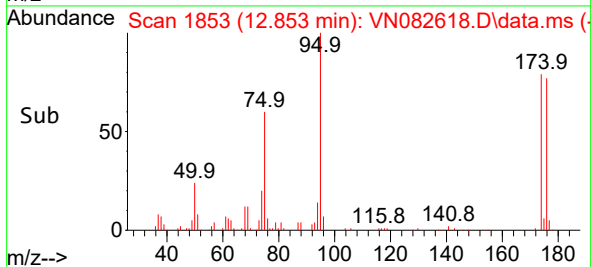
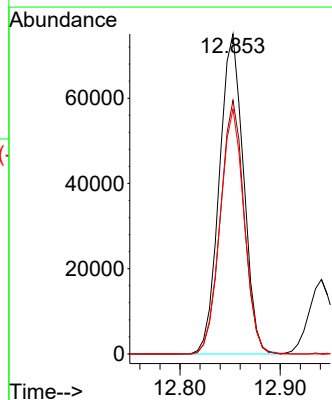
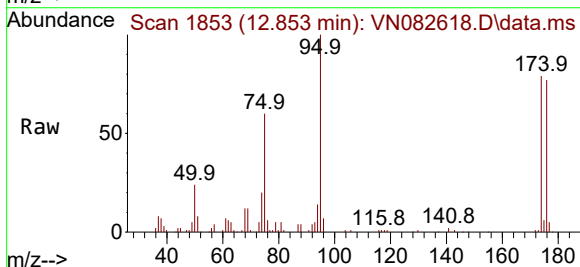
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

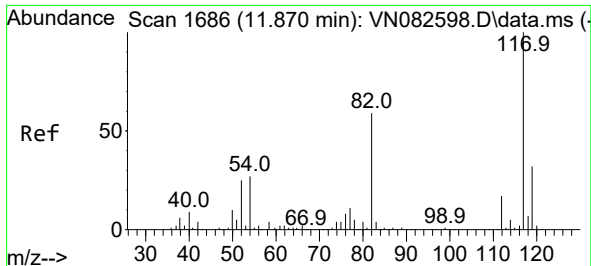
Tgt Ion:107 Resp: 111508
Ion Ratio Lower Upper
107 100
109 92.3 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 47.257 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 95 Resp: 125444
Ion Ratio Lower Upper
95 100
174 77.9 0.0 159.2
176 76.2 0.0 147.6

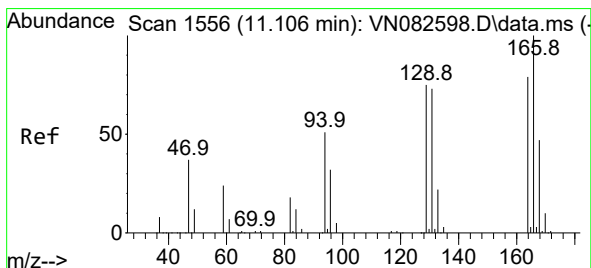
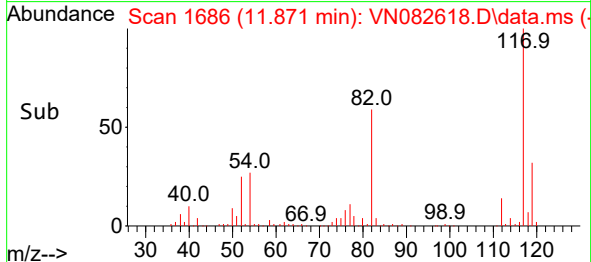
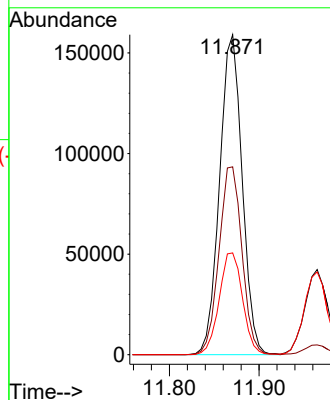
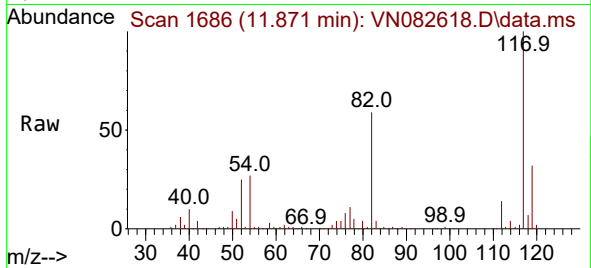




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

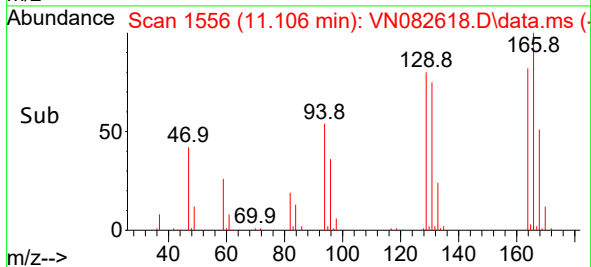
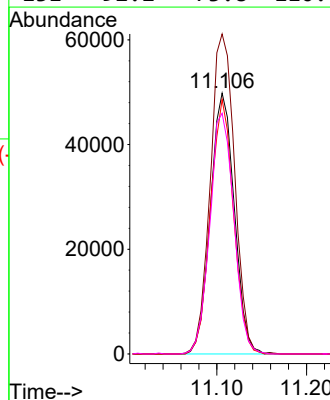
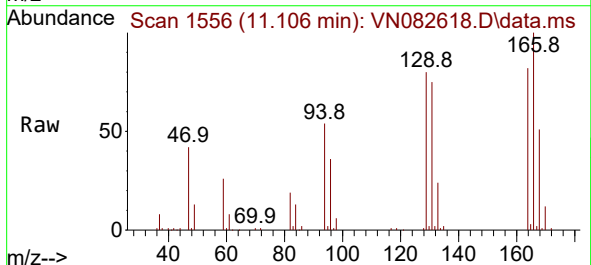
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

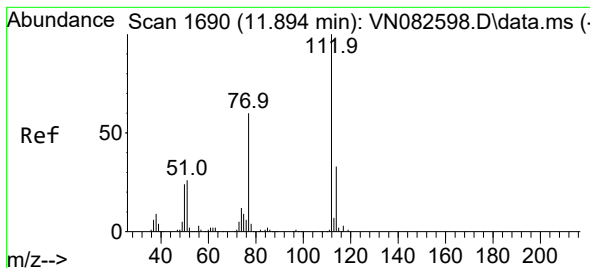
Tgt Ion:117 Resp: 277883
Ion Ratio Lower Upper
117 100
82 58.7 47.5 71.3
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 40.262 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion:164 Resp: 92248
Ion Ratio Lower Upper
164 100
166 122.7 101.4 152.0
129 97.5 75.7 113.5
131 92.2 73.8 110.6





#65

Chlorobenzene

Concen: 48.037 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

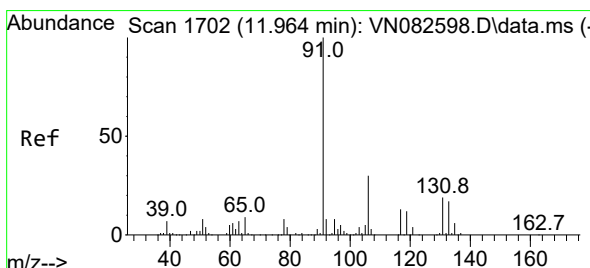
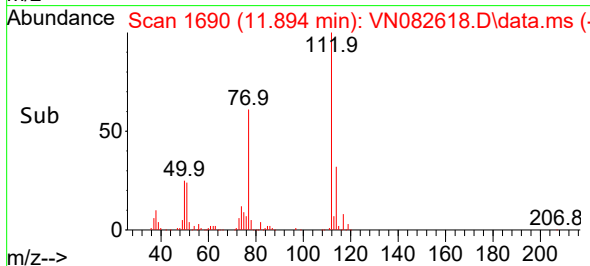
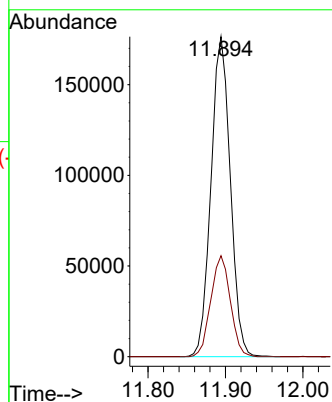
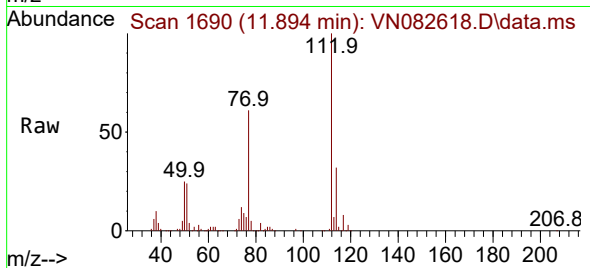
VSTDCCC050EC

Tgt Ion:112 Resp: 306107

Ion Ratio Lower Upper

112 100

114 31.6 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 48.221 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

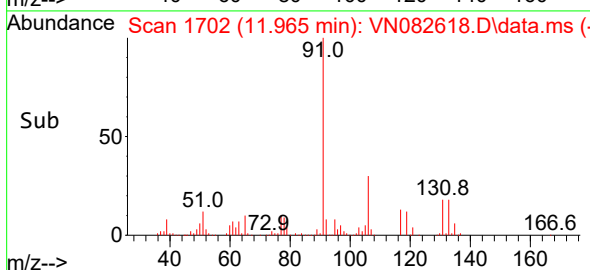
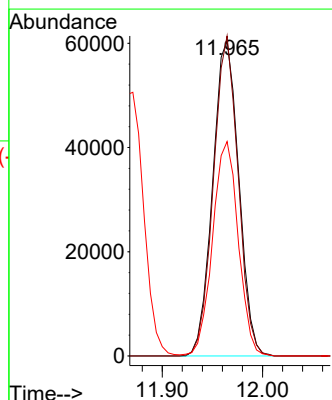
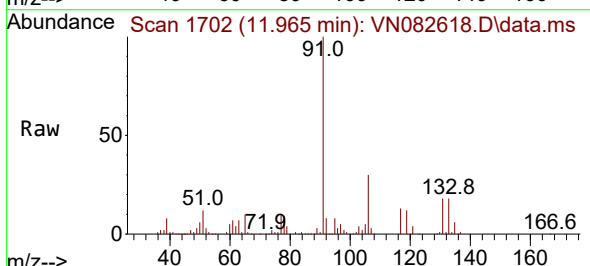
Tgt Ion:131 Resp: 109569

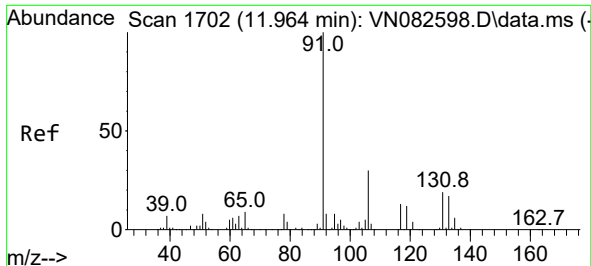
Ion Ratio Lower Upper

131 100

133 96.1 47.3 142.0

119 66.9 32.5 97.4

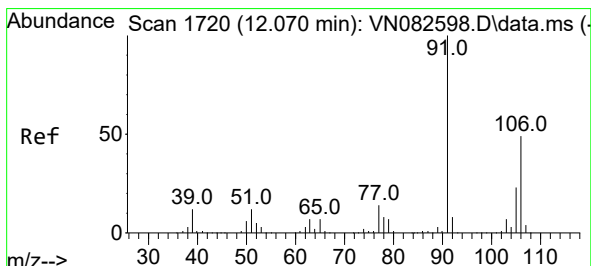
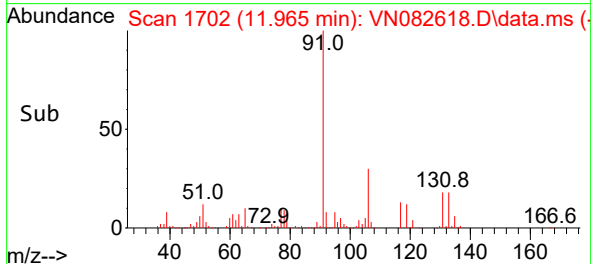
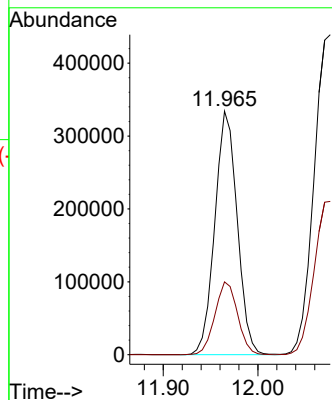
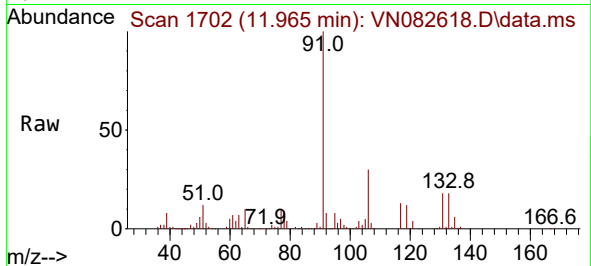




#67
Ethyl Benzene
Concen: 50.533 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

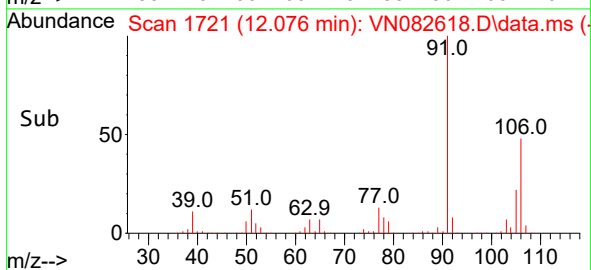
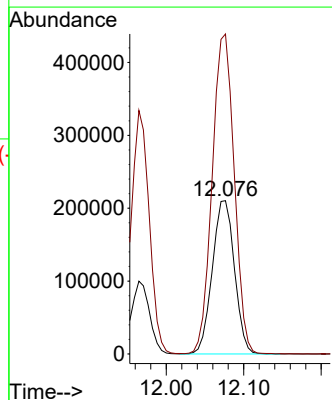
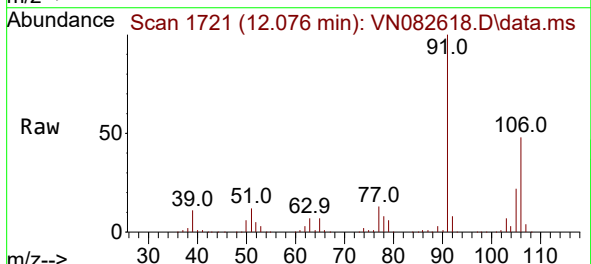
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

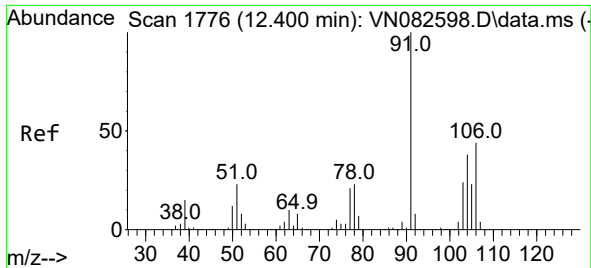
Tgt Ion: 91 Resp: 548687
Ion Ratio Lower Upper
91 100
106 29.9 24.0 36.0



#68
m/p-Xylenes
Concen: 103.334 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 106 Resp: 417412
Ion Ratio Lower Upper
106 100
91 208.0 166.1 249.1

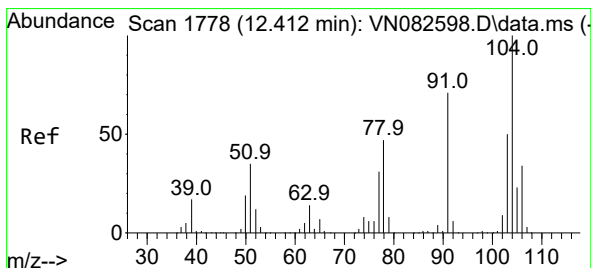
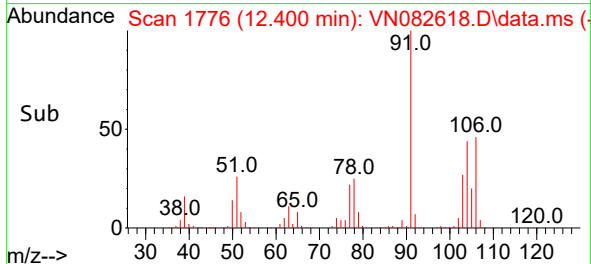
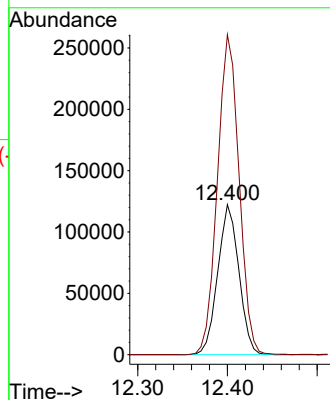
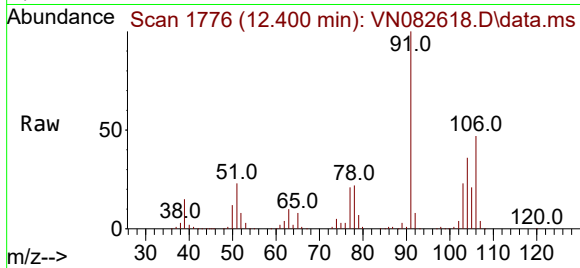




#69
o-Xylene
Concen: 52.702 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

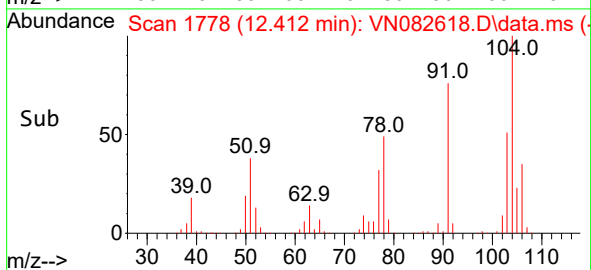
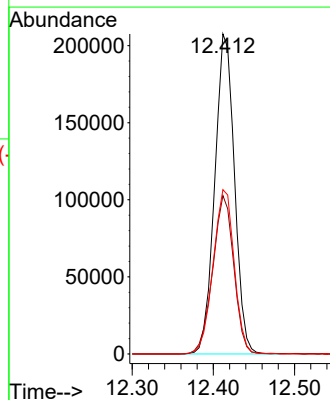
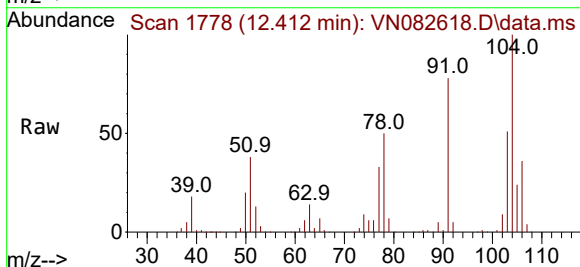
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

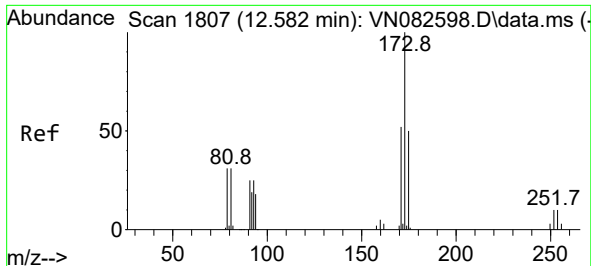
Tgt Ion:106 Resp: 200012
Ion Ratio Lower Upper
106 100
91 218.9 111.3 333.9



#70
Styrene
Concen: 54.458 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion:104 Resp: 350779
Ion Ratio Lower Upper
104 100
78 52.7 41.6 62.4
103 55.0 44.0 66.0

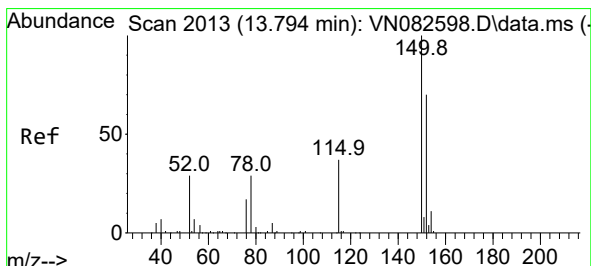
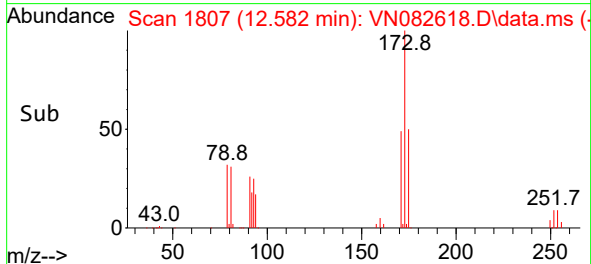
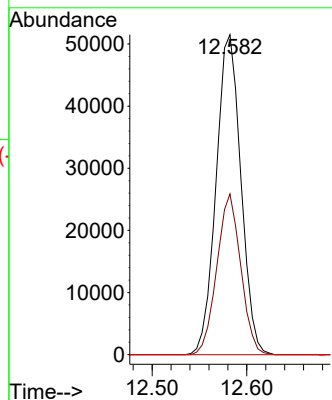
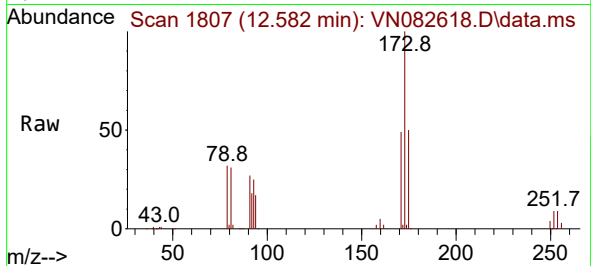




#71
Bromoform
Concen: 52.122 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

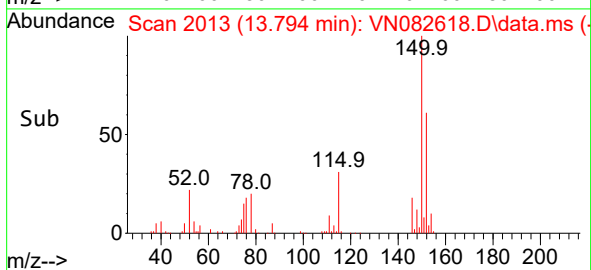
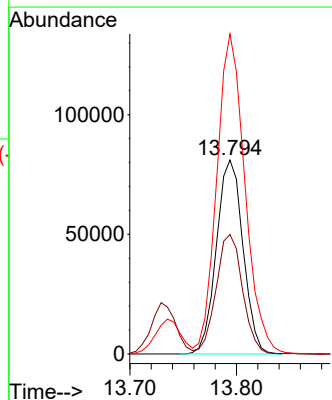
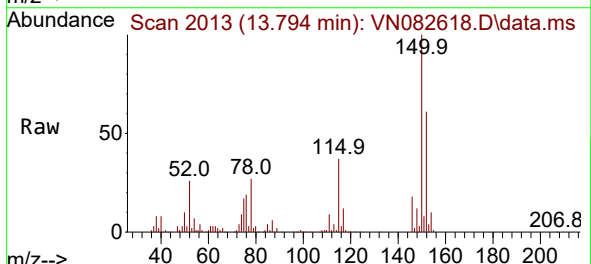
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

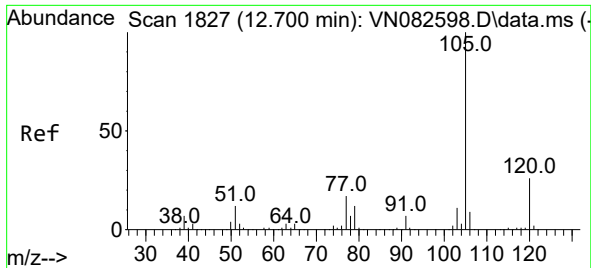
Tgt Ion:173 Resp: 93635
Ion Ratio Lower Upper
173 100
175 48.4 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion:152 Resp: 140400
Ion Ratio Lower Upper
152 100
115 61.5 30.6 91.6
150 174.9 0.0 348.6

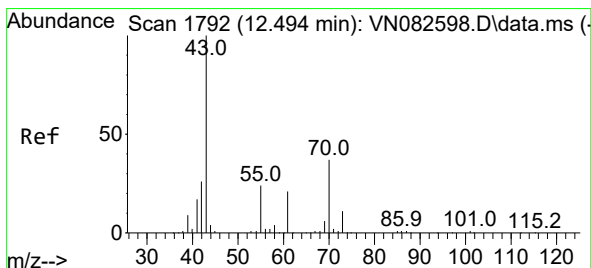
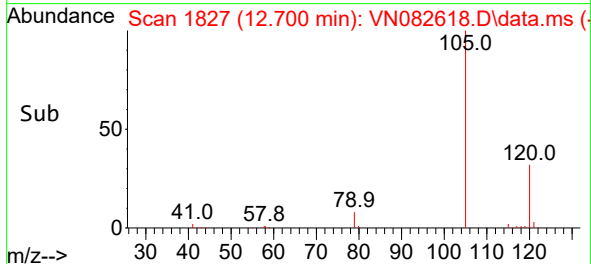
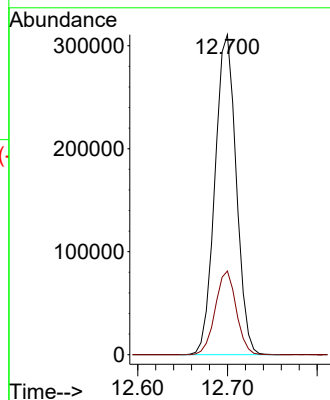
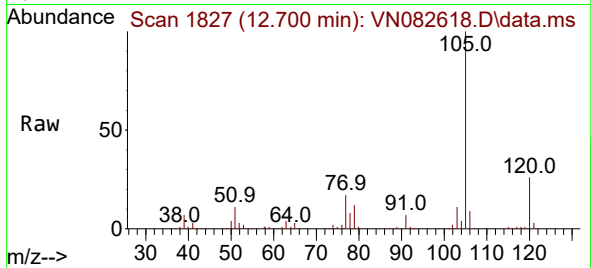




#73
Isopropylbenzene
Concen: 47.976 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

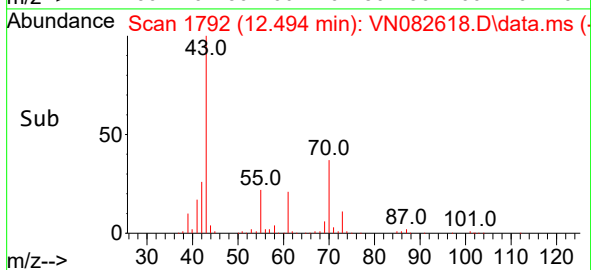
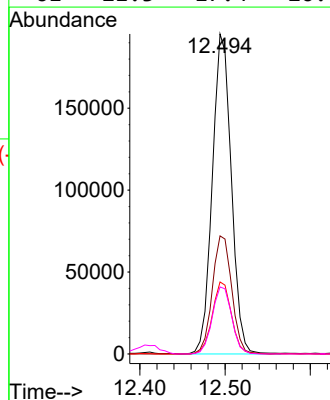
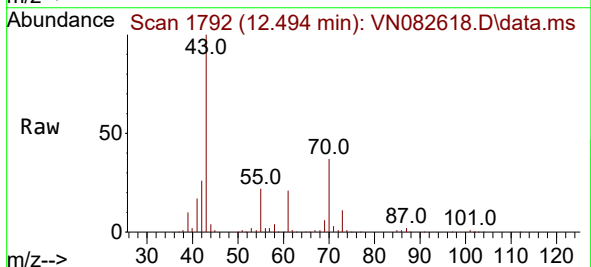
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

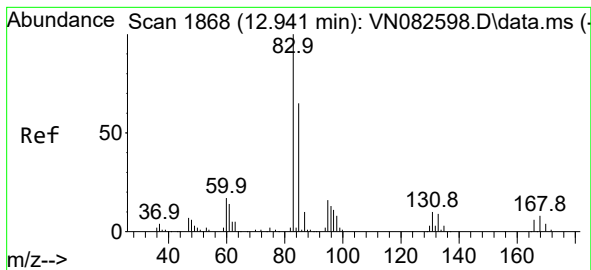
Tgt Ion:105 Resp: 511488
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6



#74
N-ethyl acetate
Concen: 53.159 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 43 Resp: 302466
Ion Ratio Lower Upper
43 100
70 37.6 29.8 44.6
55 22.6 18.7 28.1
61 21.3 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.426 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

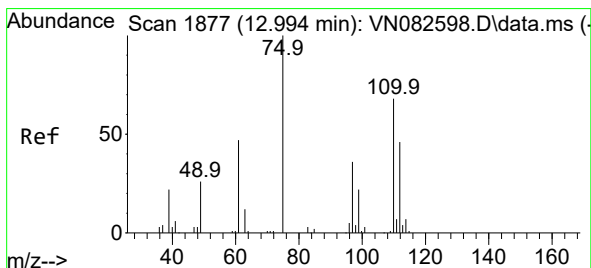
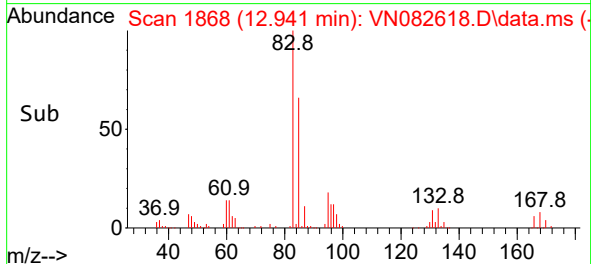
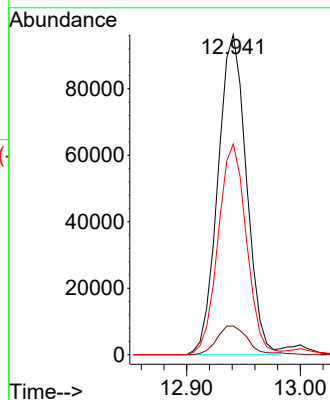
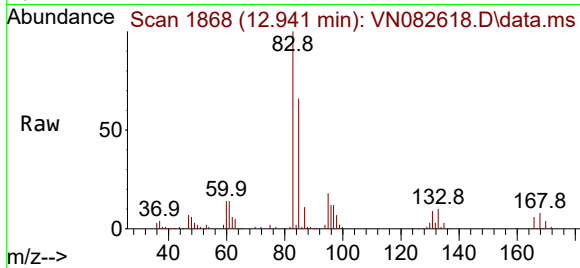
Tgt Ion: 83 Resp: 168408

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 65.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 68.647 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN082618.D

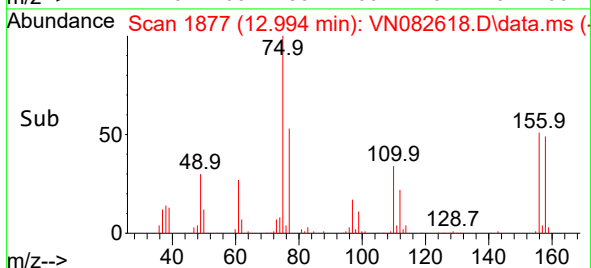
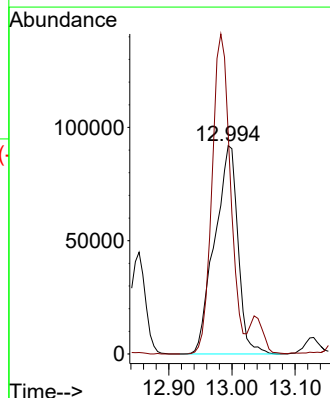
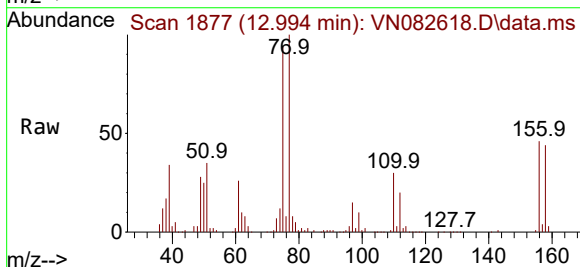
Acq: 17 Jun 2024 19:02

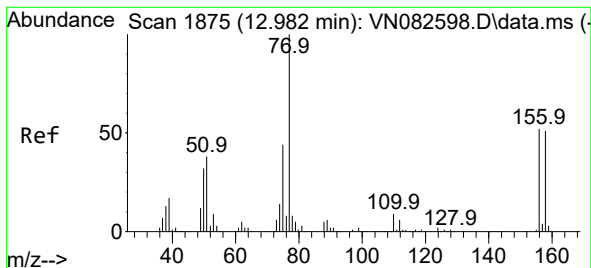
Tgt Ion: 75 Resp: 235730

Ion Ratio Lower Upper

75 100

77 121.7 110.9 332.6





#77

Bromobenzene

Concen: 46.357 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

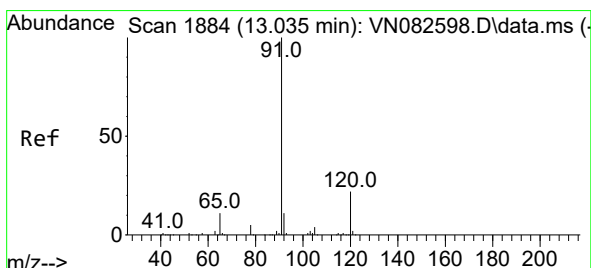
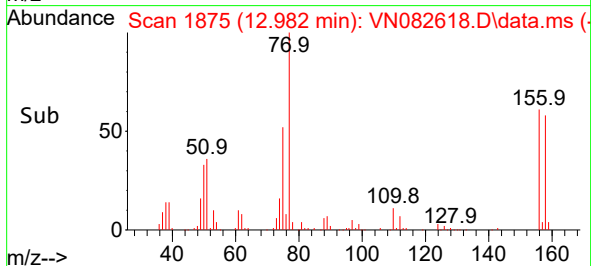
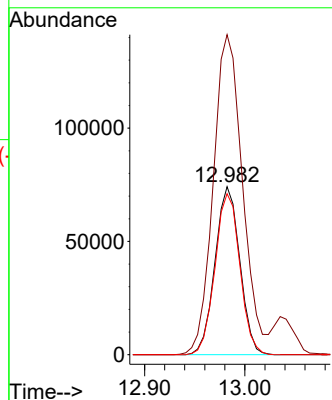
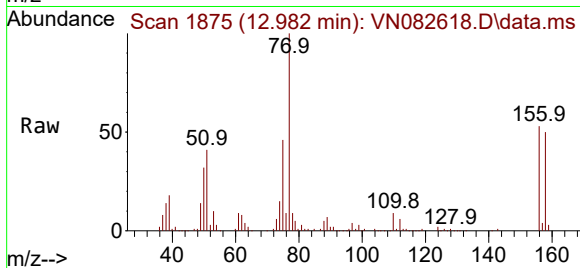
Tgt Ion:156 Resp: 127213

Ion Ratio Lower Upper

156 100

77 225.5 111.3 333.8

158 96.1 48.3 144.9



#78

n-propylbenzene

Concen: 48.301 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082618.D

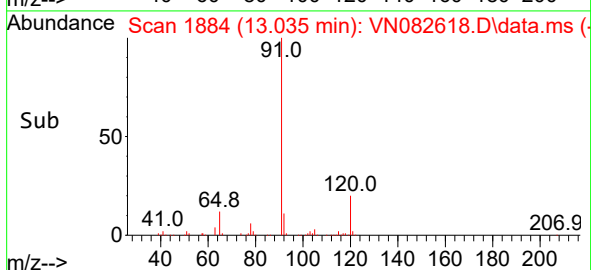
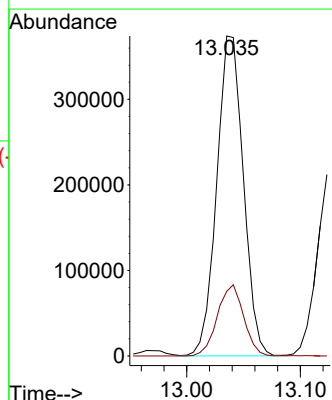
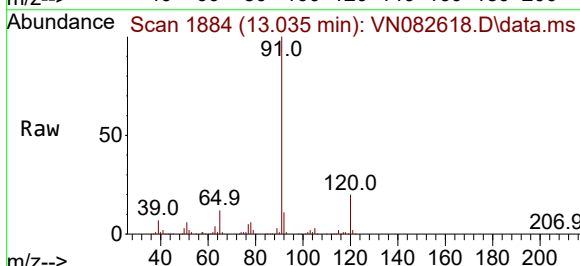
Acq: 17 Jun 2024 19:02

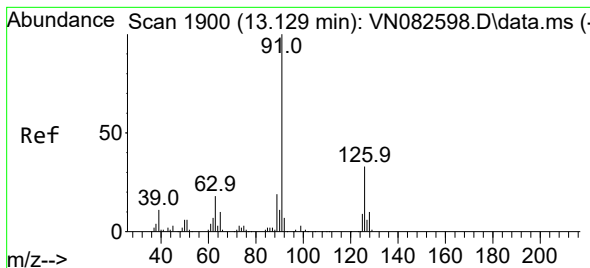
Tgt Ion: 91 Resp: 609121

Ion Ratio Lower Upper

91 100

120 21.9 10.9 32.9





#79

2-Chlorotoluene

Concen: 47.698 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

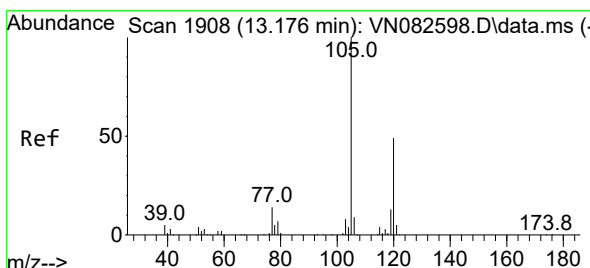
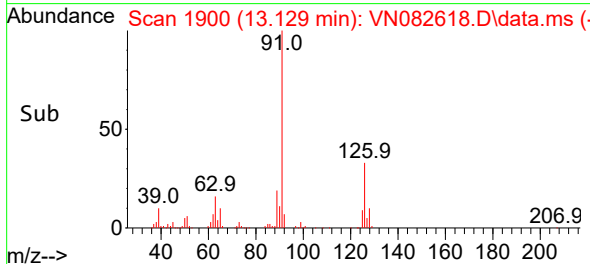
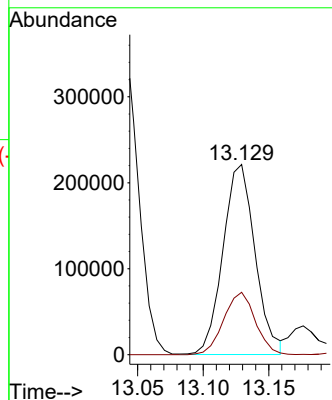
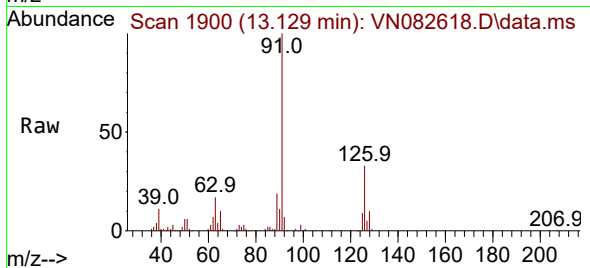
VSTDCCC050EC

Tgt Ion: 91 Resp: 377216

Ion Ratio Lower Upper

91 100

126 32.2 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 50.326 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082618.D

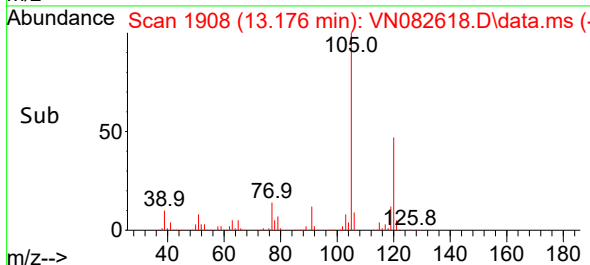
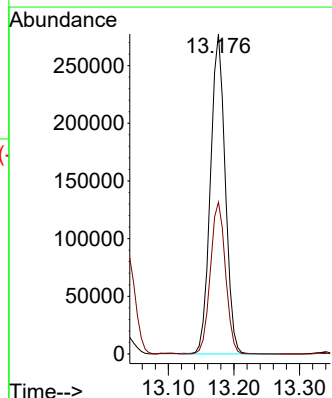
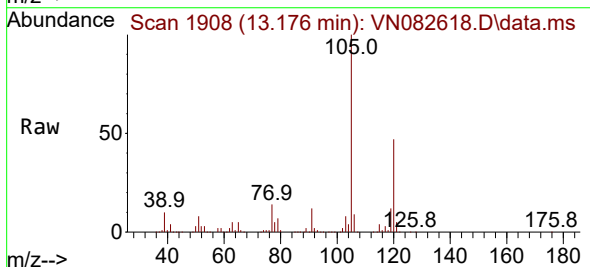
Acq: 17 Jun 2024 19:02

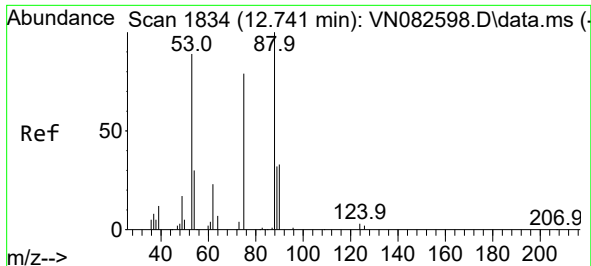
Tgt Ion: 105 Resp: 435416

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.8

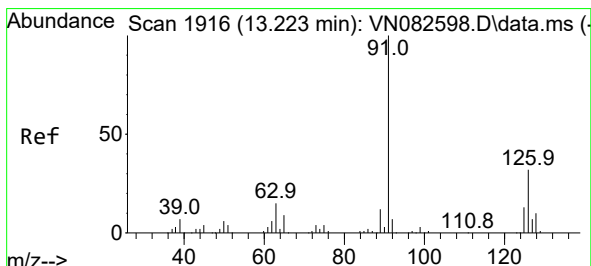
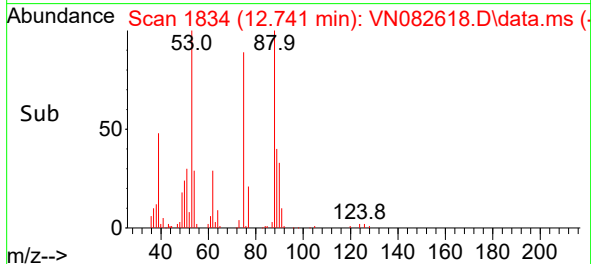
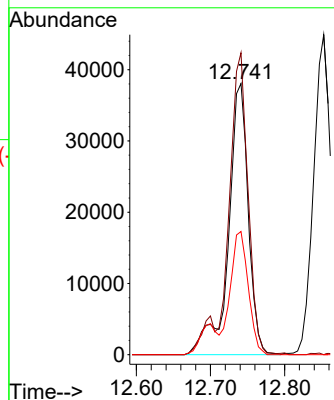
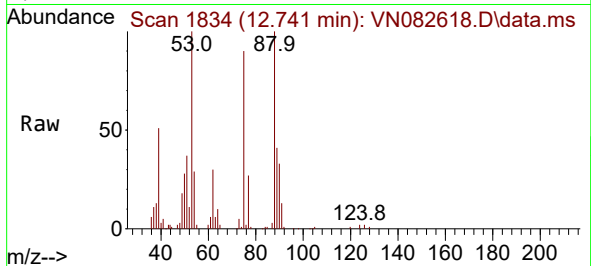




#81
trans-1,4-Dichloro-2-butene
Concen: 49.373 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

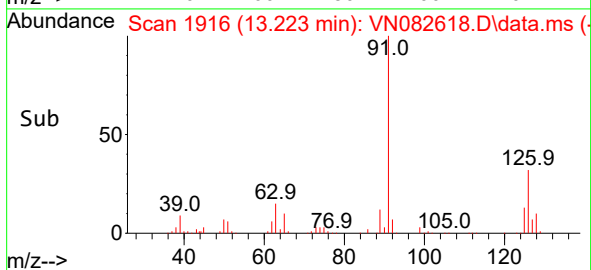
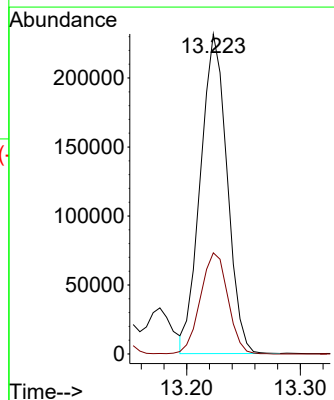
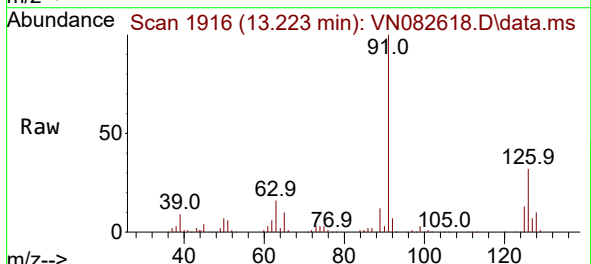
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

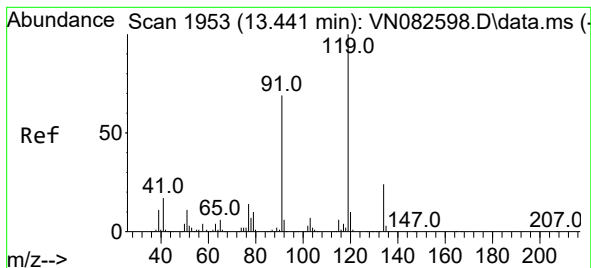
Tgt Ion: 75 Resp: 70868
Ion Ratio Lower Upper
75 100
53 101.0 88.4 132.6
89 41.1 36.3 54.5



#82
4-Chlorotoluene
Concen: 47.695 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion: 91 Resp: 376806
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.6





#83

tert-Butylbenzene

Concen: 49.938 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

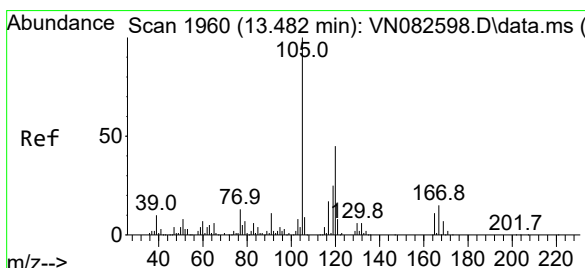
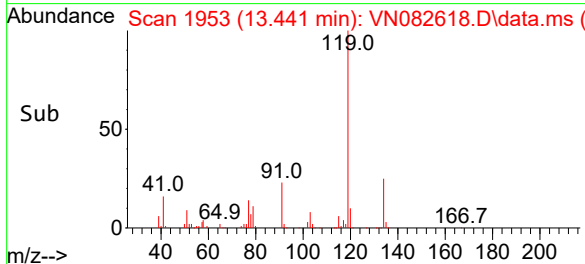
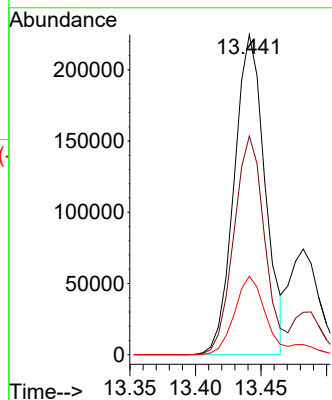
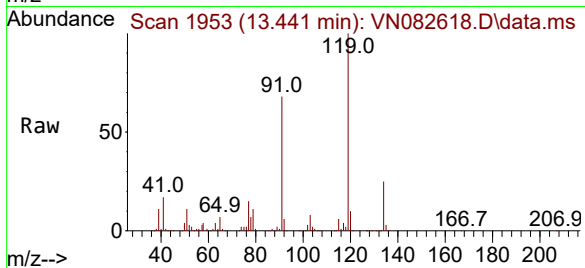
Tgt Ion:119 Resp: 368034

Ion Ratio Lower Upper

119 100

91 68.8 35.0 105.1

134 24.4 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 50.978 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082618.D

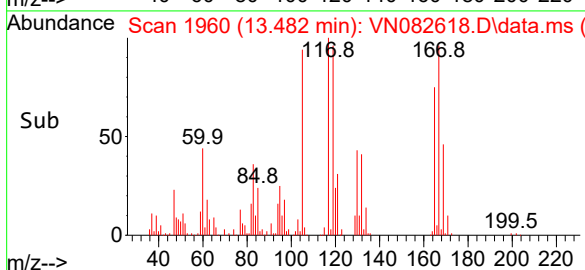
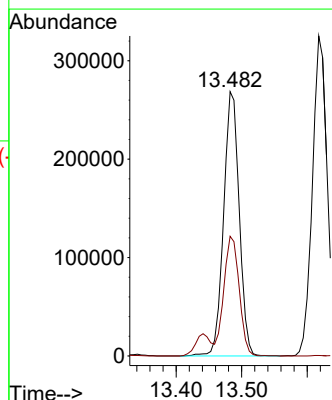
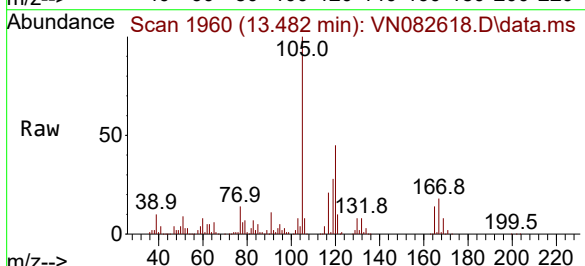
Acq: 17 Jun 2024 19:02

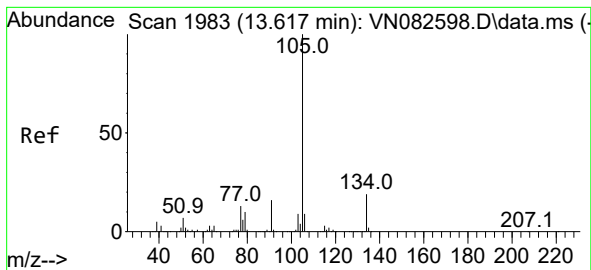
Tgt Ion:105 Resp: 442448

Ion Ratio Lower Upper

105 100

120 44.5 21.9 65.8





#85

sec-Butylbenzene

Concen: 48.847 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

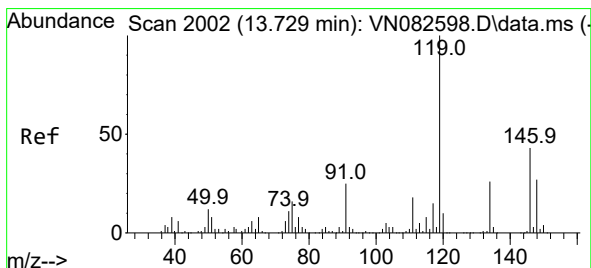
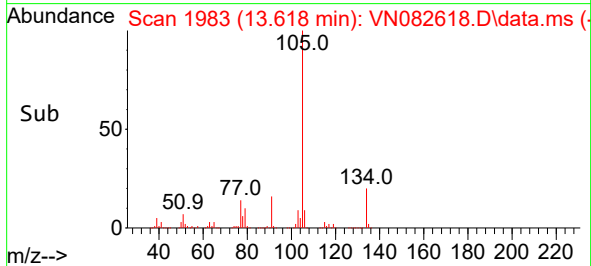
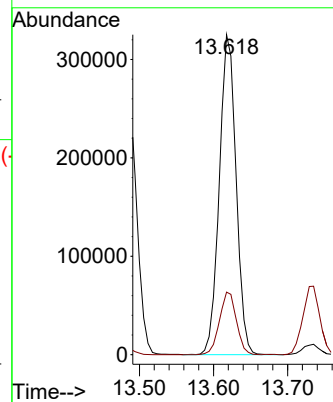
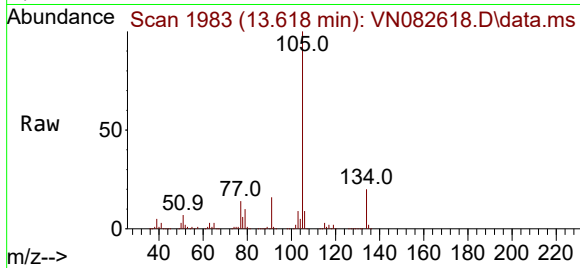
VSTDCCC050EC

Tgt Ion:105 Resp: 511271

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 50.975 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

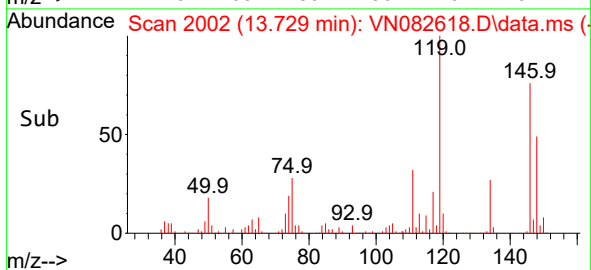
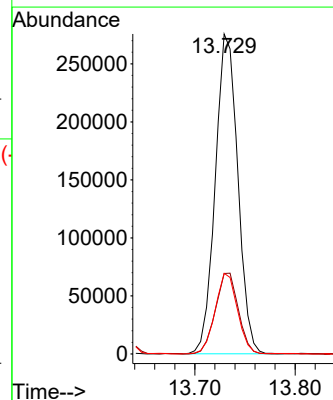
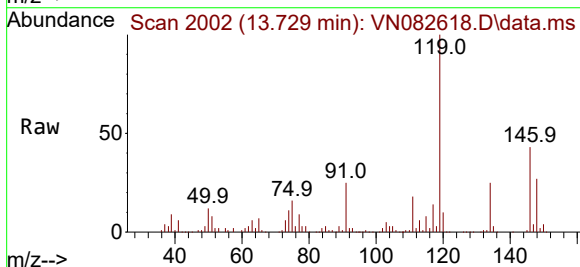
Tgt Ion:119 Resp: 429649

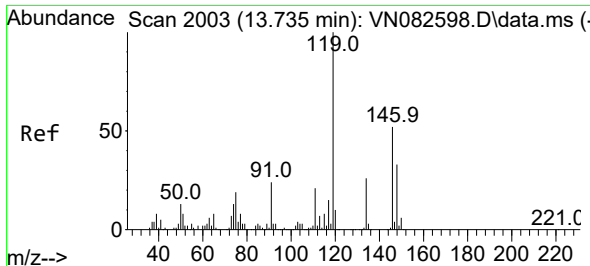
Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 25.0 12.3 36.9

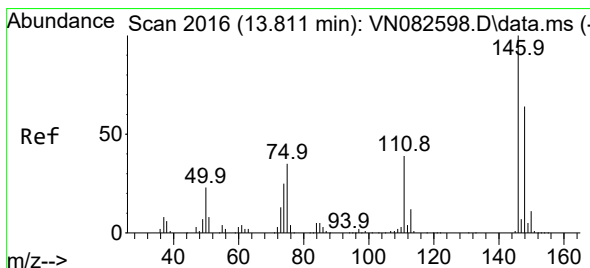
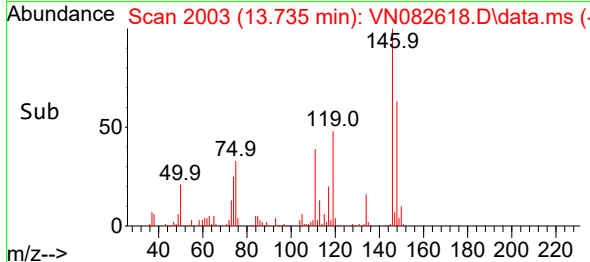
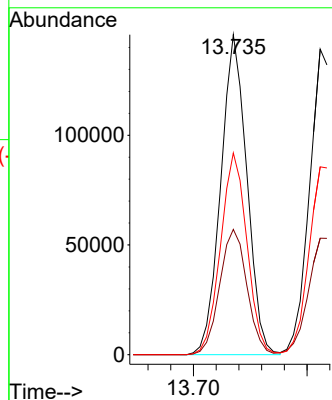
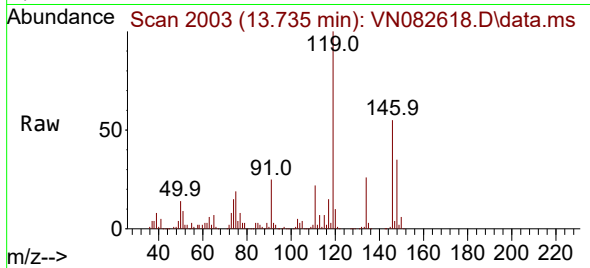




#87
1,3-Dichlorobenzene
Concen: 46.870 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

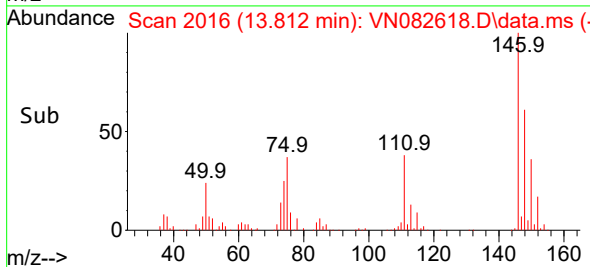
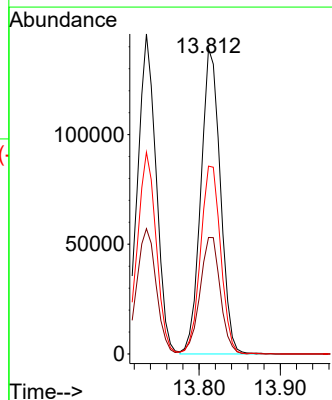
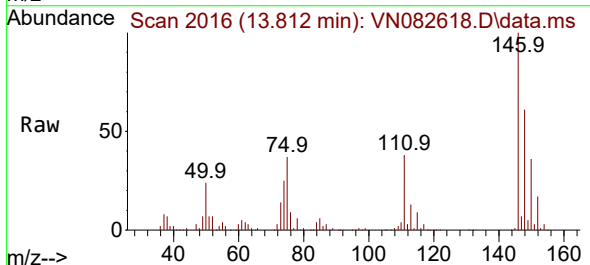
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

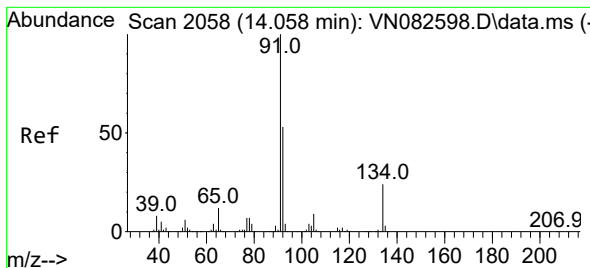
Tgt Ion:146 Resp: 233212
Ion Ratio Lower Upper
146 100
111 40.8 20.6 61.9
148 63.7 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 44.696 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082618.D
Acq: 17 Jun 2024 19:02

Tgt Ion:146 Resp: 232451
Ion Ratio Lower Upper
146 100
111 39.9 20.1 60.3
148 63.3 32.2 96.6





#89

n-Butylbenzene

Concen: 48.340 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

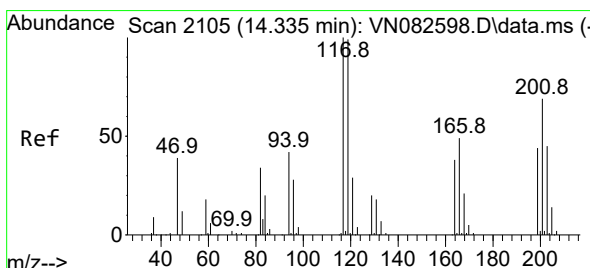
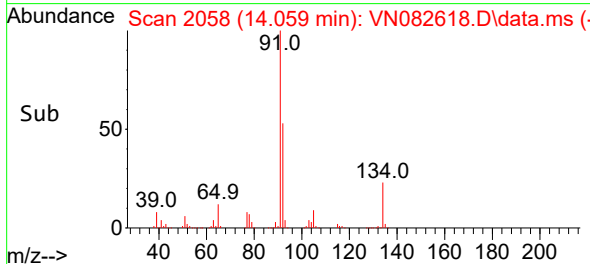
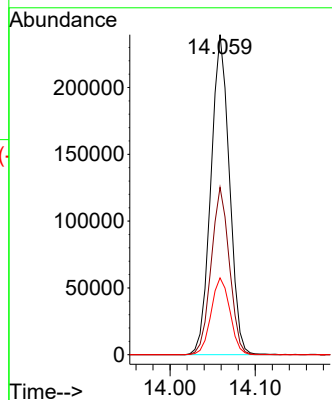
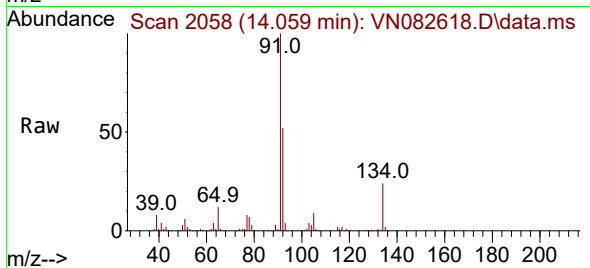
Tgt Ion: 91 Resp: 361410

Ion Ratio Lower Upper

91 100

92 51.4 26.1 78.3

134 24.4 12.1 36.3



#90

Hexachloroethane

Concen: 46.885 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082618.D

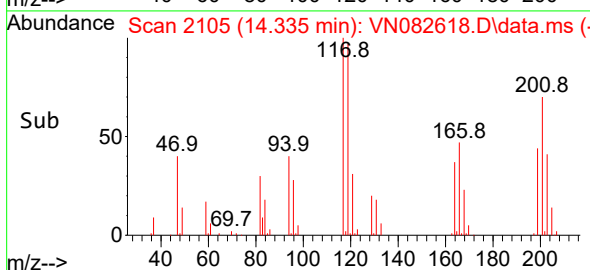
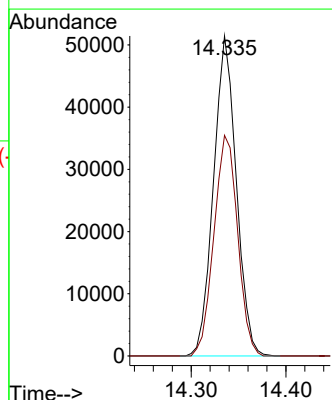
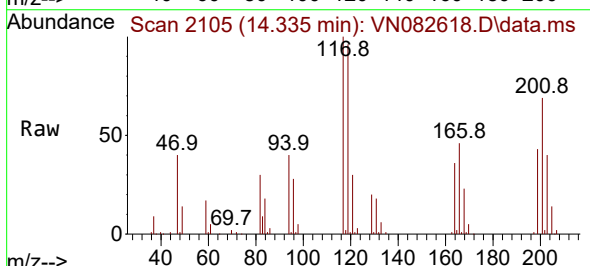
Acq: 17 Jun 2024 19:02

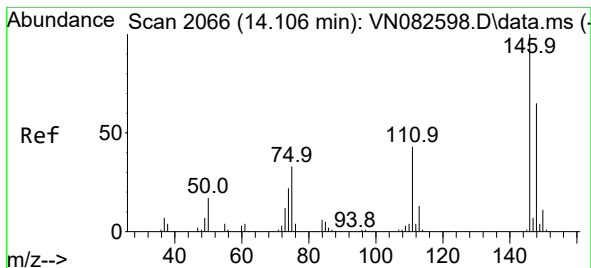
Tgt Ion: 117 Resp: 85981

Ion Ratio Lower Upper

117 100

201 71.7 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 45.923 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

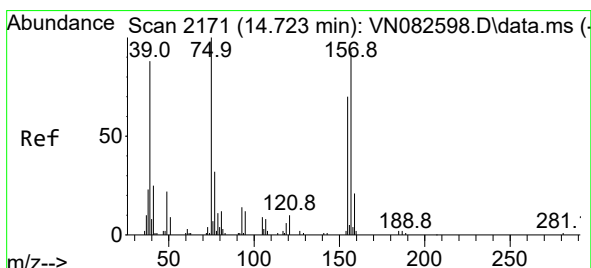
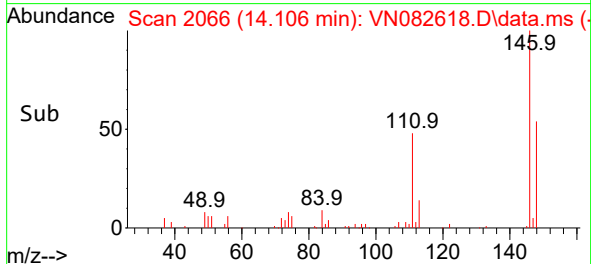
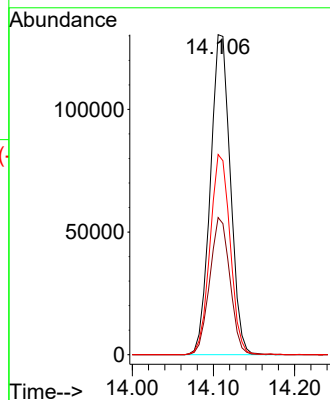
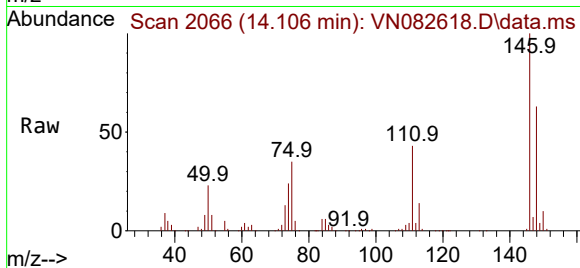
Tgt Ion:146 Resp: 223107

Ion Ratio Lower Upper

146 100

111 43.3 21.4 64.2

148 63.2 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.553 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

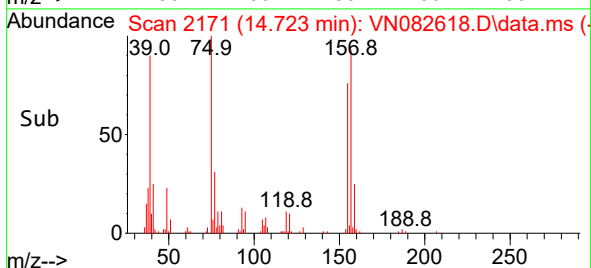
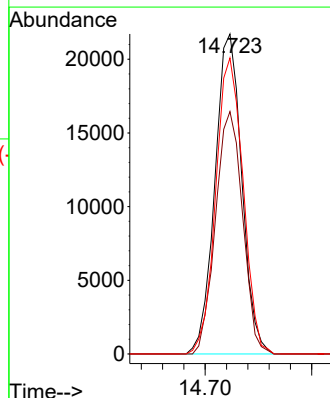
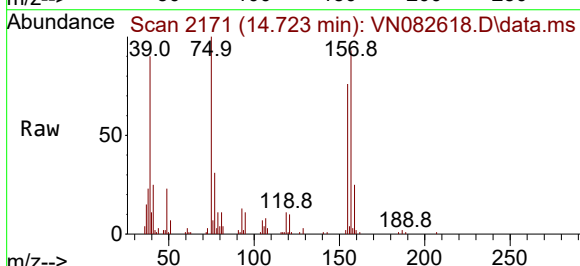
Tgt Ion: 75 Resp: 37942

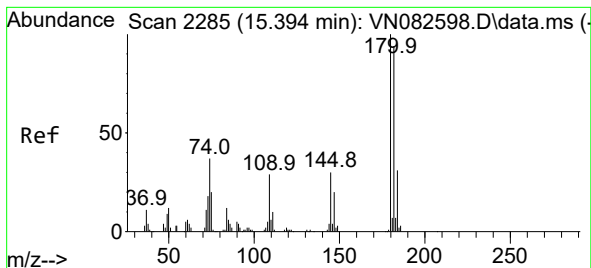
Ion Ratio Lower Upper

75 100

155 76.5 36.6 109.8

157 94.1 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 44.702 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

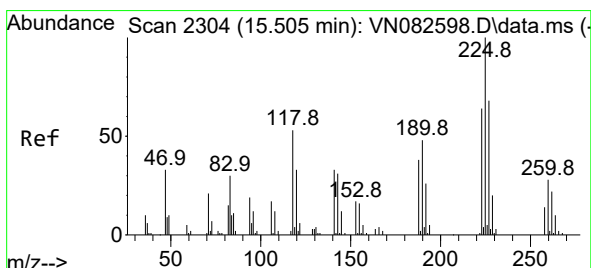
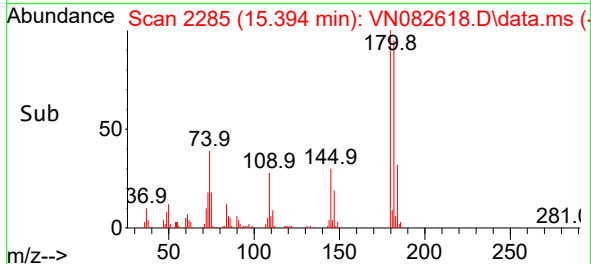
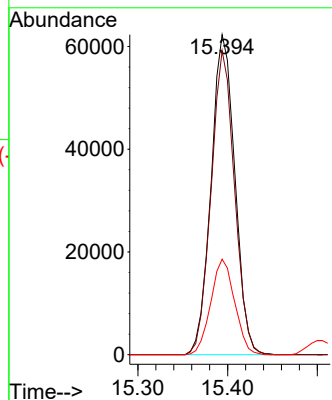
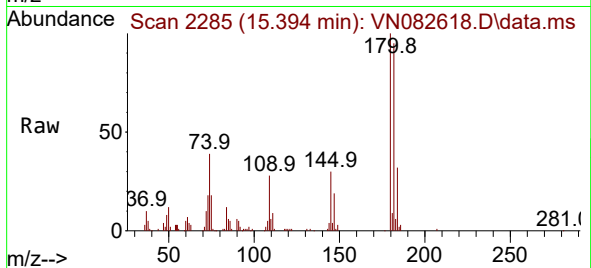
Tgt Ion:180 Resp: 114519

Ion Ratio Lower Upper

180 100

182 93.7 47.3 141.8

145 30.0 15.7 47.1



#94

Hexachlorobutadiene

Concen: 37.859 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.001 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

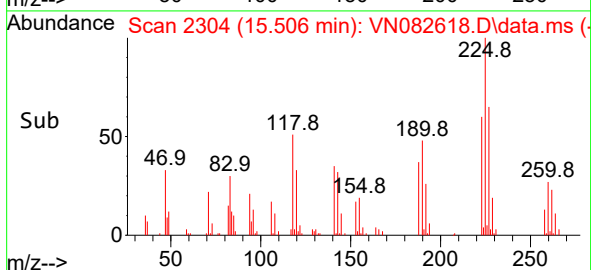
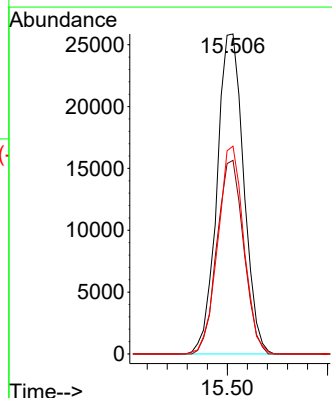
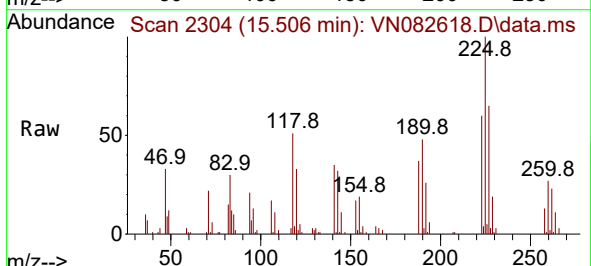
Tgt Ion:225 Resp: 47821

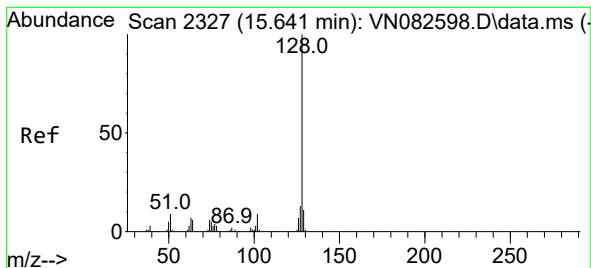
Ion Ratio Lower Upper

225 100

223 60.6 31.9 95.7

227 63.2 32.5 97.5





#95

Naphthalene

Concen: 51.409 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

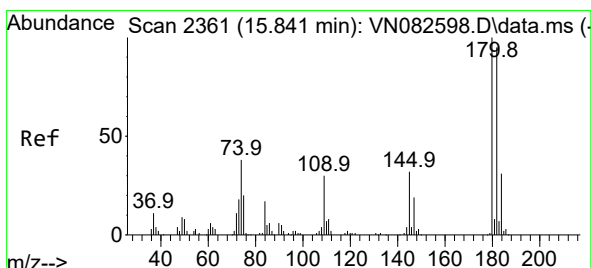
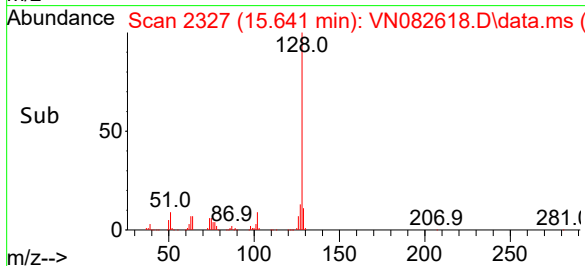
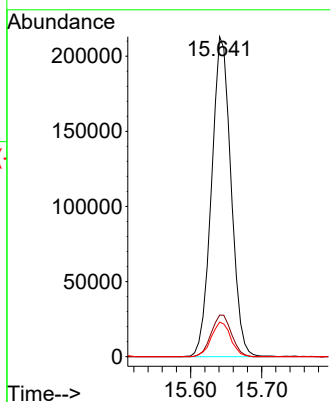
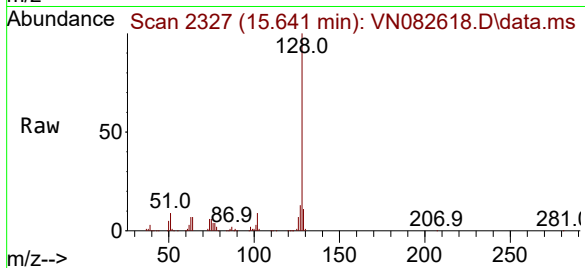
Tgt Ion:128 Resp: 405186

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 45.395 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082618.D

Acq: 17 Jun 2024 19:02

Tgt Ion:180 Resp: 118515

Ion Ratio Lower Upper

180 100

182 93.2 48.9 146.8

145 32.1 16.8 50.4

