

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083746.D
 Acq On : 10 Sep 2024 10:44
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 11 01:56:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 01:38:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	160063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107014	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	9581	3.970	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	7.940%#
35) Dibromofluoromethane	8.159	113	7953	4.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	8.880%#
50) Toluene-d8	10.565	98	21320	3.439	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	6.880%#
62) 4-Bromofluorobenzene	12.847	95	10808	4.226	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	8.460%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	8818	4.744	ug/l	92
3) Chloromethane	2.359	50	10519	3.837	ug/l	99
4) Vinyl Chloride	2.518	62	9914	4.866	ug/l	97
5) Bromomethane	2.900	94	6285	5.372	ug/l #	76
6) Chloroethane	3.059	64	7426	5.254	ug/l	99
7) Trichlorofluoromethane	3.465	101	17145	4.957	ug/l	100
8) Diethyl Ether	3.953	74	5929	5.114	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.347	101	9276	5.060	ug/l	99
10) Methyl Iodide	4.577	142	11474	4.921	ug/l	92
11) Tert butyl alcohol	5.536	59	4556	14.097	ug/l #	82
12) 1,1-Dichloroethene	4.324	96	8914	5.149	ug/l #	78
13) Acrolein	4.177	56	8866	27.803	ug/l	100
14) Allyl chloride	5.012	41	14620	4.739	ug/l	95
15) Acrylonitrile	5.718	53	22170	25.224	ug/l	97
16) Acetone	4.436	43	22641	23.401	ug/l	97
17) Carbon Disulfide	4.694	76	23486	4.850	ug/l #	90
18) Methyl Acetate	5.030	43	12028	4.269	ug/l #	52
19) Methyl tert-butyl Ether	5.794	73	30995	4.948	ug/l	96
20) Methylene Chloride	5.271	84	9932	5.016	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	9883	5.327	ug/l	89
22) Diisopropyl ether	6.671	45	31379	4.941	ug/l #	94
23) Vinyl Acetate	6.600	43	111530	23.983	ug/l	96
24) 1,1-Dichloroethane	6.559	63	18651	5.098	ug/l	97
25) 2-Butanone	7.488	43	30455	23.949	ug/l	98
26) 2,2-Dichloropropane	7.482	77	15899	4.719	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	10345	4.697	ug/l	93
28) Bromochloromethane	7.812	49	8604	5.585	ug/l #	93
29) Tetrahydrofuran	7.835	42	18481	24.578	ug/l	97
30) Chloroform	7.965	83	19593	5.044	ug/l #	82
31) Cyclohexane	8.253	56	19910	5.708	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	18099	5.068	ug/l #	88
36) 1,1-Dichloropropene	8.371	75	13233	4.903	ug/l	99
37) Ethyl Acetate	7.559	43	12012	4.903	ug/l	97
38) Carbon Tetrachloride	8.359	117	15245	4.979	ug/l	98
39) Methylcyclohexane	9.600	83	14125	4.598	ug/l	87
40) Benzene	8.600	78	38828	4.780	ug/l	99

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 ClientSampleId :
 VSTDICC005

Quant Time: Sep 11 01:56:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 01:38:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	6706	4.628	ug/l	93
42) 1,2-Dichloroethane	8.665	62	14954	4.926	ug/l	98
43) Isopropyl Acetate	8.688	43	21656	4.878	ug/l	98
44) Trichloroethene	9.353	130	8567	4.554	ug/l	97
45) 1,2-Dichloropropane	9.623	63	9662	4.921	ug/l	95
46) Dibromomethane	9.706	93	6877	5.001	ug/l	99
47) Bromodichloromethane	9.888	83	14350	4.821	ug/l	98
48) Methyl methacrylate	9.682	41	10187	4.837	ug/l	97
49) 1,4-Dioxane	9.700	88	3281	94.692	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	58309	24.128	ug/l	98
52) Toluene	10.629	92	24590	4.949	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	14280	4.733	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	14921	4.709	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	9040	4.873	ug/l	97
56) Ethyl methacrylate	10.870	69	13310	4.664	ug/l	97
57) 1,3-Dichloropropane	11.165	76	16337	5.124	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	24698	24.016	ug/l	99
59) 2-Hexanone	11.194	43	43752	24.475	ug/l	95
60) Dibromochloromethane	11.353	129	9573	4.611	ug/l	99
61) 1,2-Dibromoethane	11.470	107	8641	4.671	ug/l	98
64) Tetrachloroethene	11.100	164	8021	5.116	ug/l	85
65) Chlorobenzene	11.888	112	26054	4.973	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	8646	4.760	ug/l	94
67) Ethyl Benzene	11.965	91	44539	4.785	ug/l	97
68) m/p-Xylenes	12.070	106	32437	9.387	ug/l	99
69) o-Xylene	12.400	106	15741	4.706	ug/l	96
70) Styrene	12.412	104	25276	4.604	ug/l	96
71) Bromoform	12.576	173	6062	4.953	ug/l #	98
73) Isopropylbenzene	12.694	105	40756	4.923	ug/l	95
74) N-amyl acetate	12.494	43	17318	4.903	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	12643	5.197	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	16701	7.734	ug/l	67
77) Bromobenzene	12.976	156	10137	5.087	ug/l	97
78) n-propylbenzene	13.035	91	46229	4.799	ug/l	100
79) 2-Chlorotoluene	13.123	91	30899	5.030	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	33407	4.786	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	4486	5.441	ug/l	92
82) 4-Chlorotoluene	13.217	91	31603	5.126	ug/l	99
83) tert-Butylbenzene	13.435	119	29174	4.777	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	34076	4.860	ug/l	97
85) sec-Butylbenzene	13.617	105	39964	4.934	ug/l	97
86) p-Isopropyltoluene	13.729	119	33478	4.931	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	19101	5.079	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	19522	5.126	ug/l	96
89) n-Butylbenzene	14.053	91	28757	4.718	ug/l	99
90) Hexachloroethane	14.335	117	6701	4.910	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	18983	5.230	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	2490	5.135	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	9707	4.983	ug/l	98
94) Hexachlorobutadiene	15.500	225	3988	4.821	ug/l	93
95) Naphthalene	15.641	128	29769	5.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	9363	5.030	ug/l	96

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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Sep 11 01:56:38 2024
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Quant Title : SW846 8260
QLast Update : Wed Sep 11 01:38:19 2024
Response via : Initial Calibration

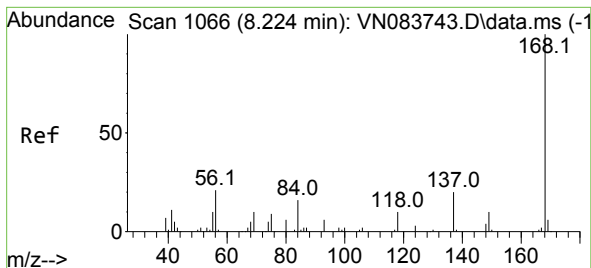
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
ClientSampleId :
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ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN083746.D

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Instrument :

MSVOA_N

ClientSampleId :

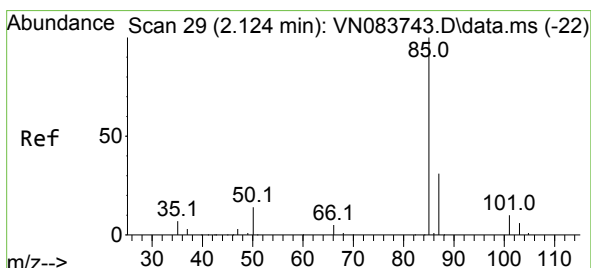
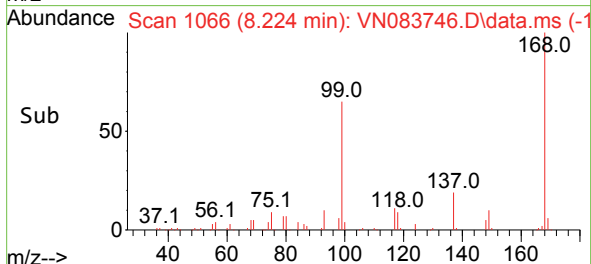
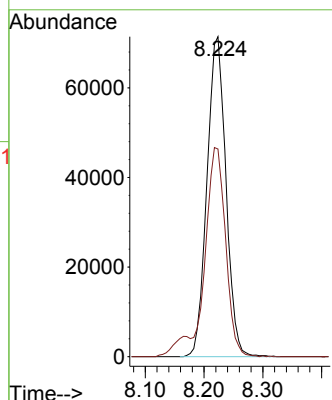
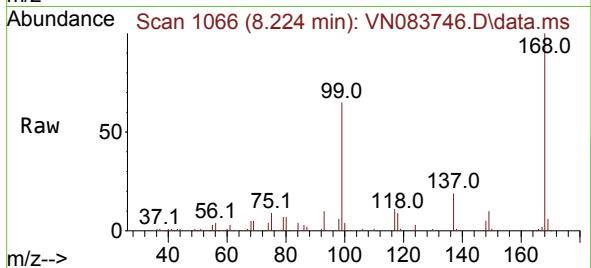
VSTDICC005

Tgt Ion:168 Resp: 160063

Ion Ratio Lower Upper

168 100

99 64.9 54.2 81.2



#2

Dichlorodifluoromethane

Concen: 4.744 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN083746.D

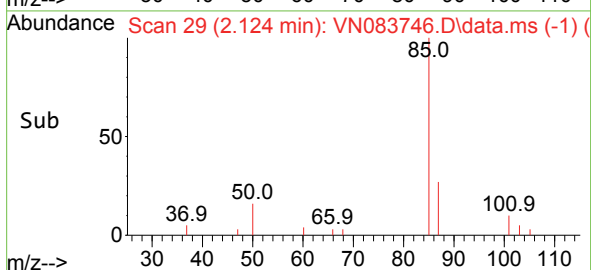
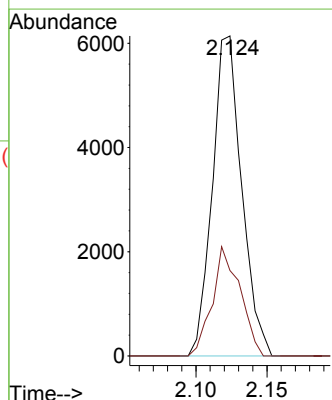
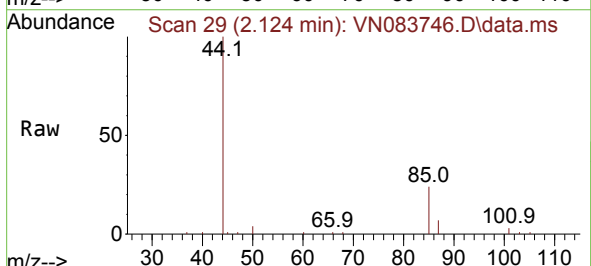
Acq: 10 Sep 2024 10:44

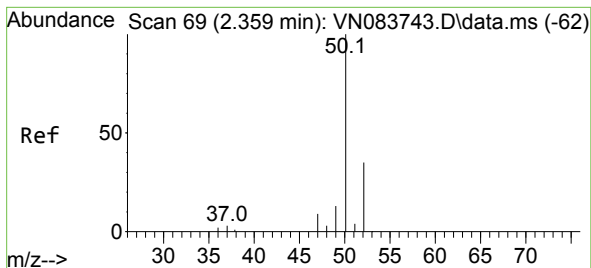
Tgt Ion: 85 Resp: 8818

Ion Ratio Lower Upper

85 100

87 26.7 15.7 47.0





#3

Chloromethane

Concen: 3.837 ug/l

RT: 2.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

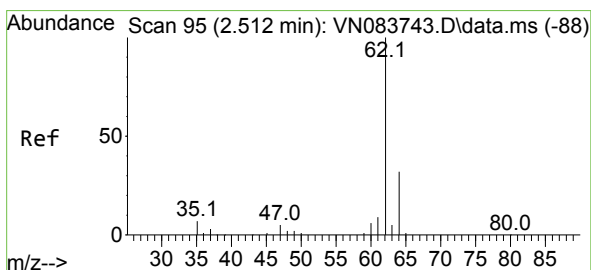
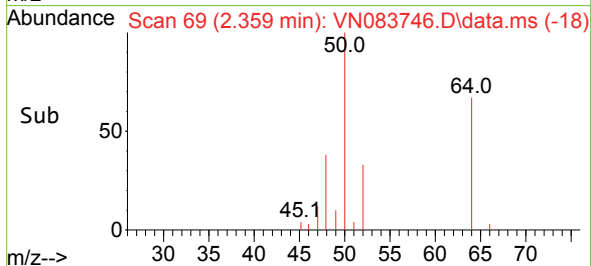
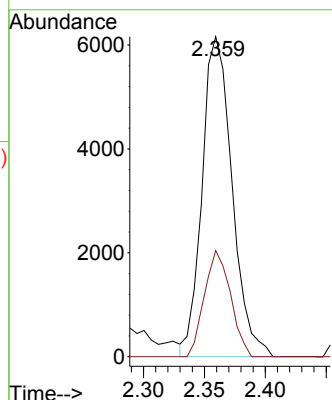
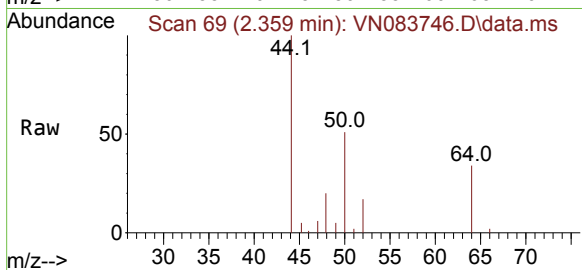
VSTDIC005

Tgt Ion: 50 Resp: 10519

Ion Ratio Lower Upper

50 100

52 33.1 27.2 40.8



#4

Vinyl Chloride

Concen: 4.866 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN083746.D

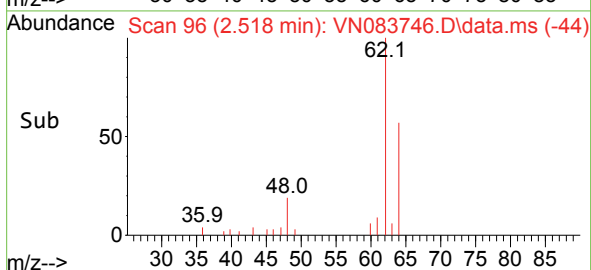
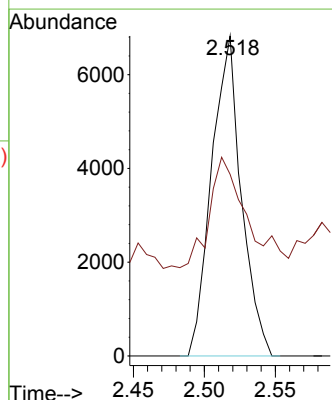
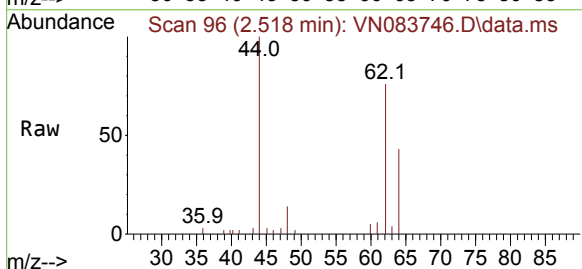
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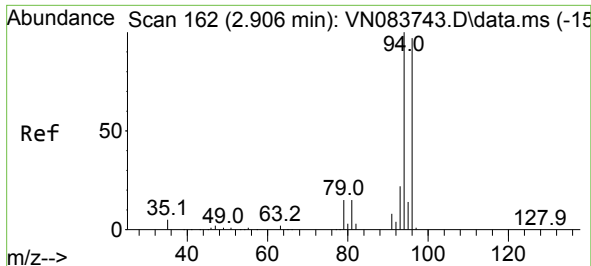
Tgt Ion: 62 Resp: 9914

Ion Ratio Lower Upper

62 100

64 29.2 24.7 37.1

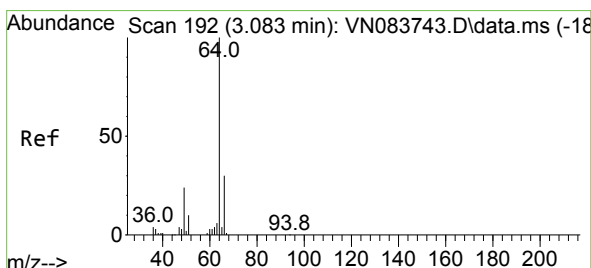
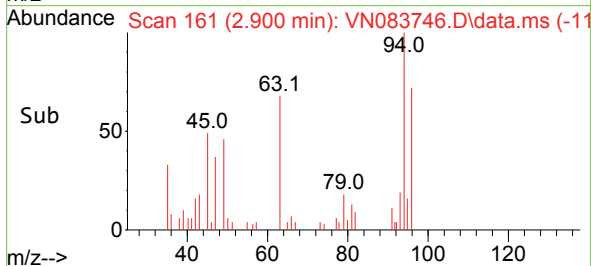
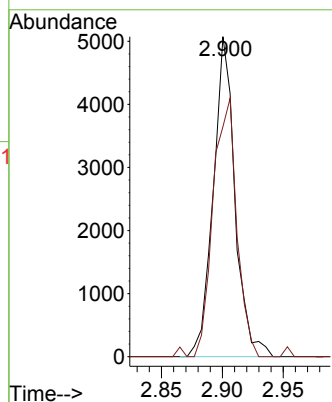
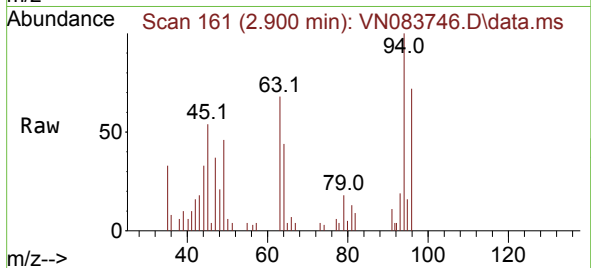




#5
Bromomethane
Concen: 5.372 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

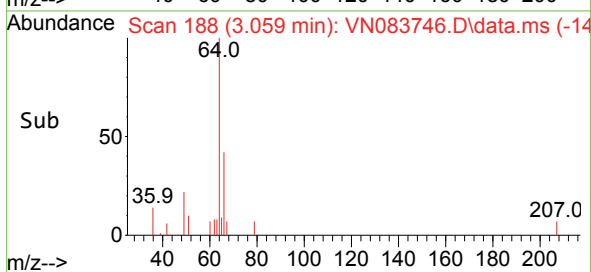
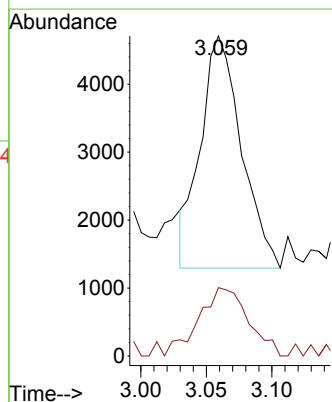
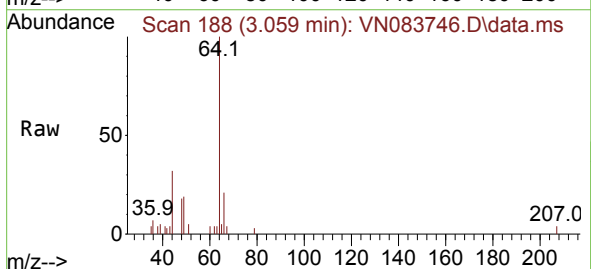
Instrument :
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VSTDIC005

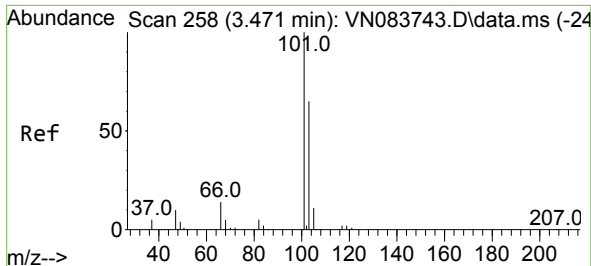
Tgt Ion: 94 Resp: 6285
Ion Ratio Lower Upper
94 100
96 71.9 76.0 114.0#



#6
Chloroethane
Concen: 5.254 ug/l
RT: 3.059 min Scan# 188
Delta R.T. -0.024 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion: 64 Resp: 7426
Ion Ratio Lower Upper
64 100
66 29.4 23.9 35.9

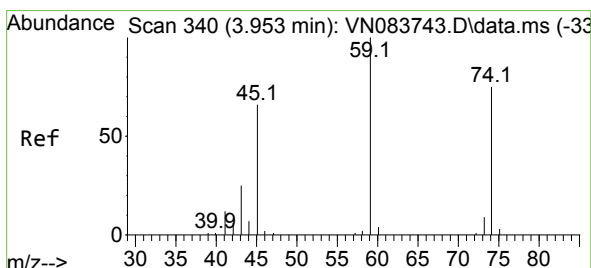
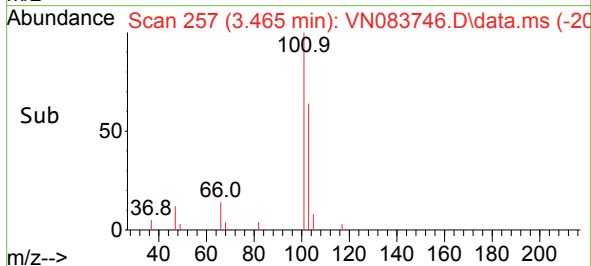
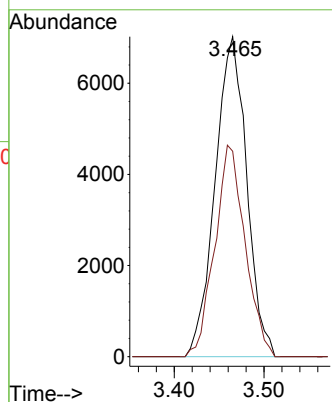
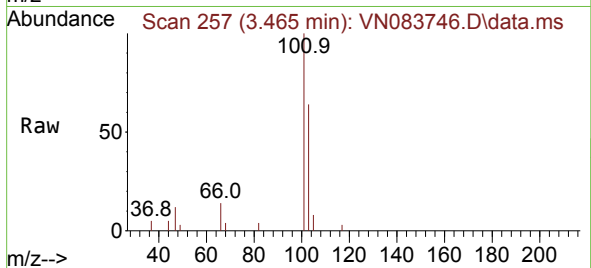




#7
 Trichlorofluoromethane
 Concen: 4.957 ug/l
 RT: 3.465 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN083746.D
 Acq: 10 Sep 2024 10:44

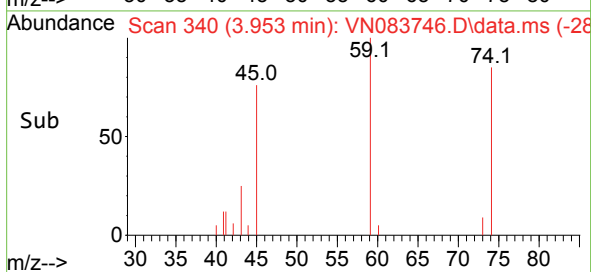
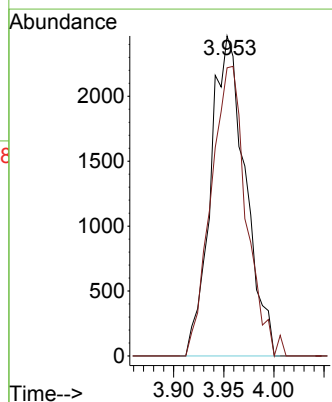
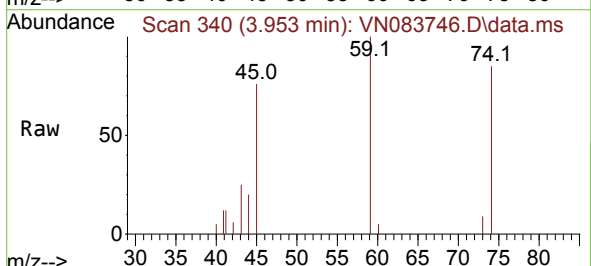
Instrument :
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 ClientSampleId :
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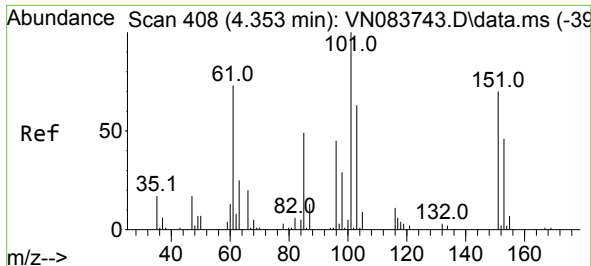
Tgt Ion:101 Resp: 17145
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 5.114 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN083746.D
 Acq: 10 Sep 2024 10:44

Tgt Ion: 74 Resp: 5929
 Ion Ratio Lower Upper
 74 100
 45 92.0 46.7 140.1

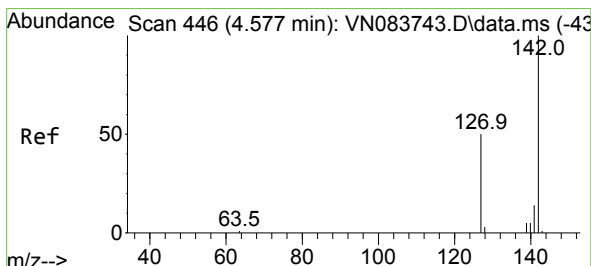
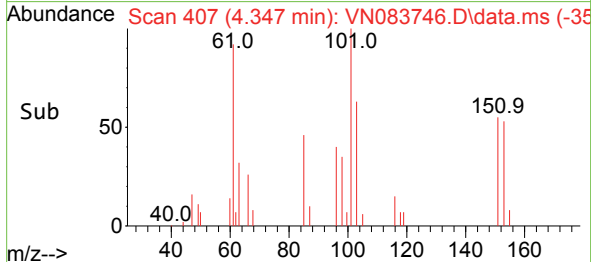
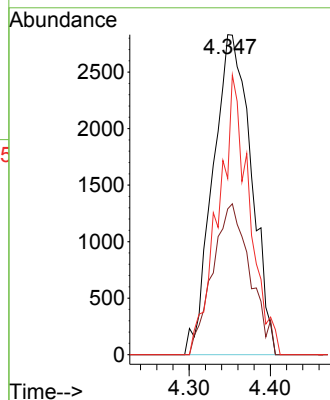
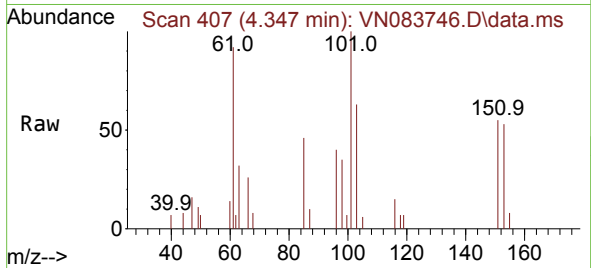




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.060 ug/l
RT: 4.347 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN083746.D
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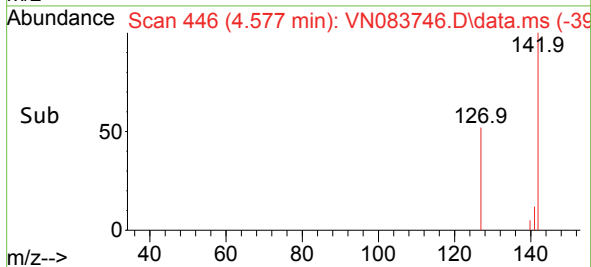
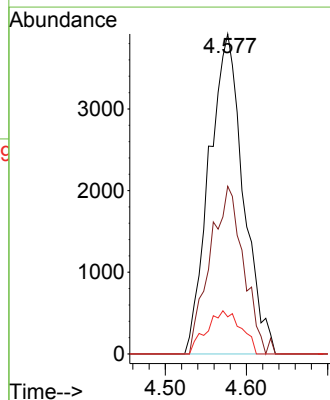
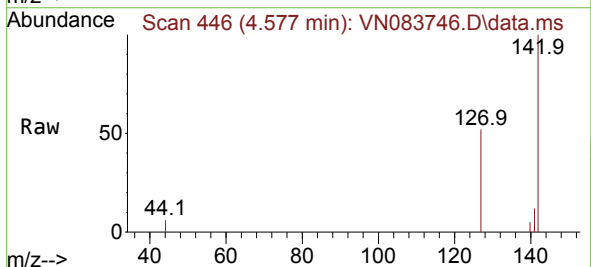
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

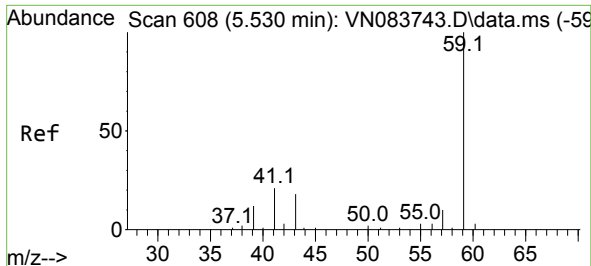
Tgt Ion:101 Resp: 9276
Ion Ratio Lower Upper
101 100
85 46.4 36.2 54.4
151 71.0 57.7 86.5



#10
Methyl Iodide
Concen: 4.921 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion:142 Resp: 11474
Ion Ratio Lower Upper
142 100
127 52.4 37.5 56.3
141 11.6 11.0 16.4

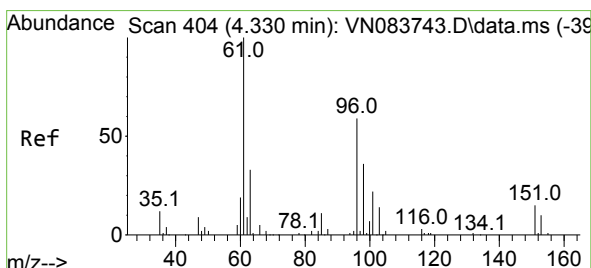
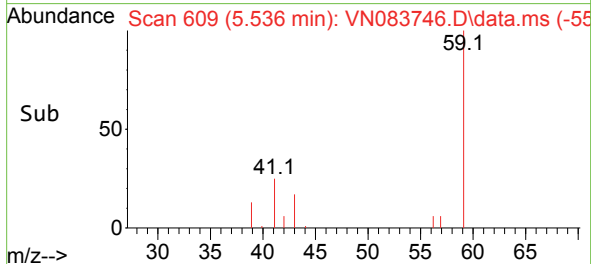
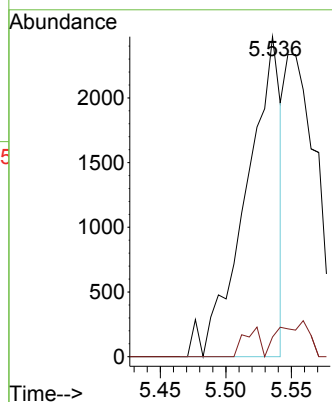
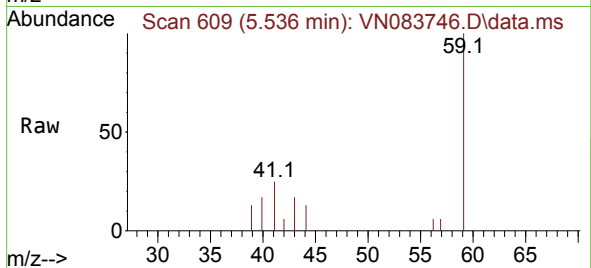




#11
Tert butyl alcohol
Concen: 14.097 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

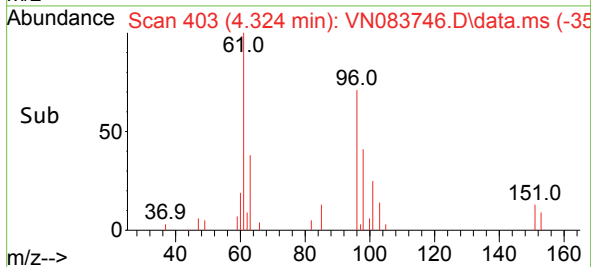
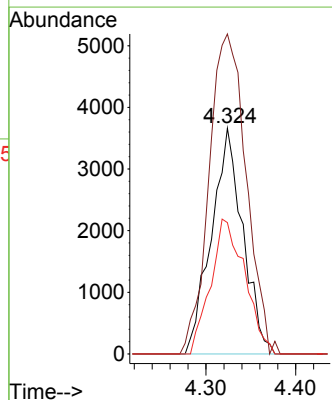
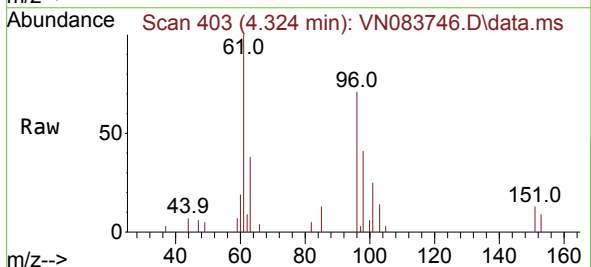
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

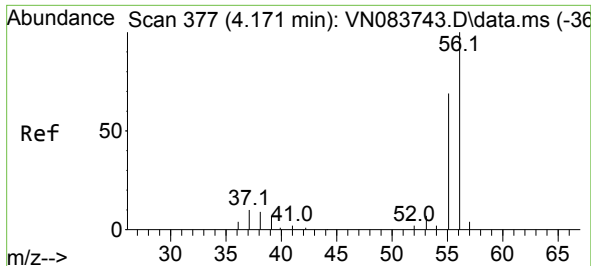
Tgt Ion: 59 Resp: 4556
Ion Ratio Lower Upper
59 100
57 4.3 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 5.149 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.006 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion: 96 Resp: 8914
Ion Ratio Lower Upper
96 100
61 141.8 143.4 215.0#
98 58.2 52.7 79.1

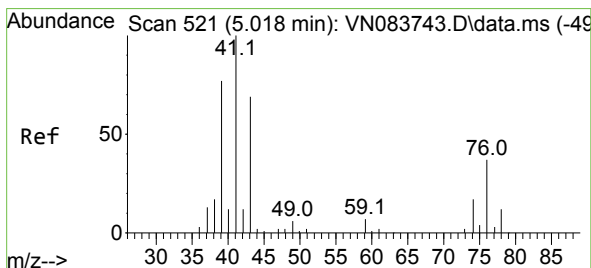
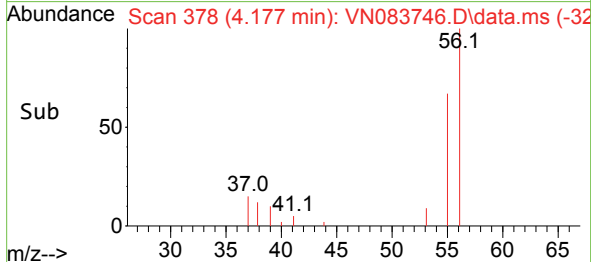
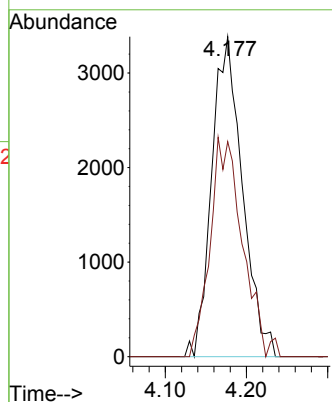
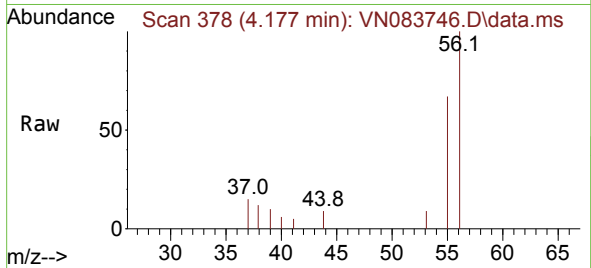




#13
Acrolein
Concen: 27.803 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

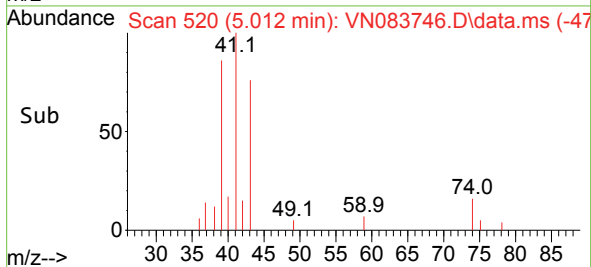
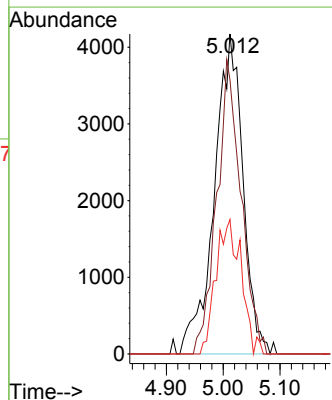
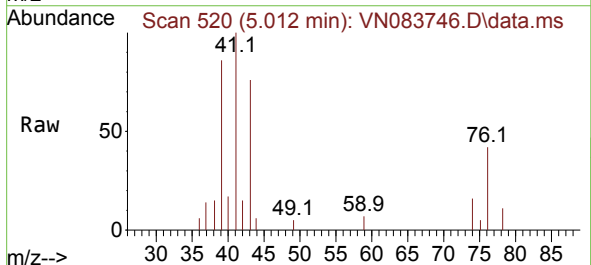
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

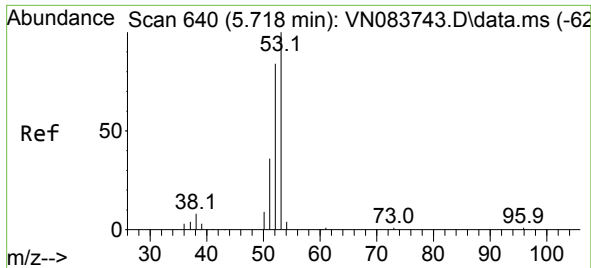
Tgt Ion: 56 Resp: 8866
Ion Ratio Lower Upper
56 100
55 72.4 58.2 87.2



#14
Allyl chloride
Concen: 4.739 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion: 41 Resp: 14620
Ion Ratio Lower Upper
41 100
39 78.1 59.3 88.9
76 37.2 27.7 41.5

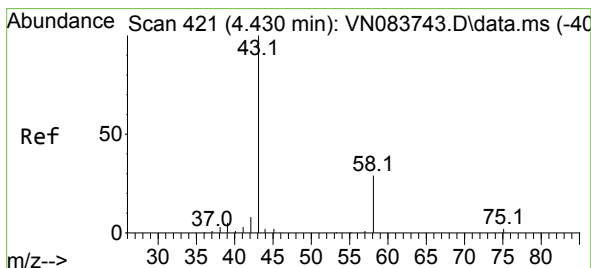
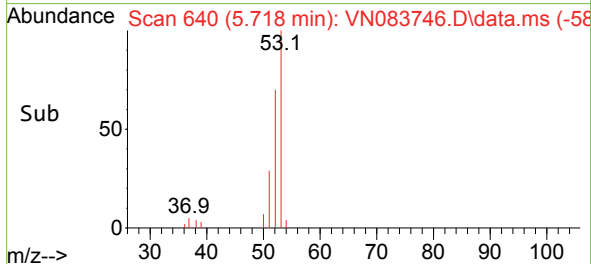
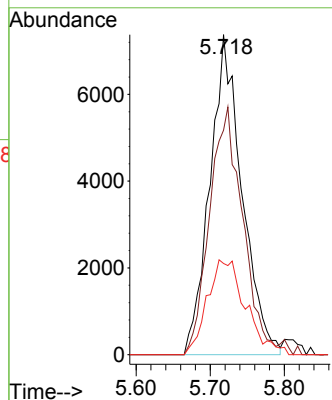
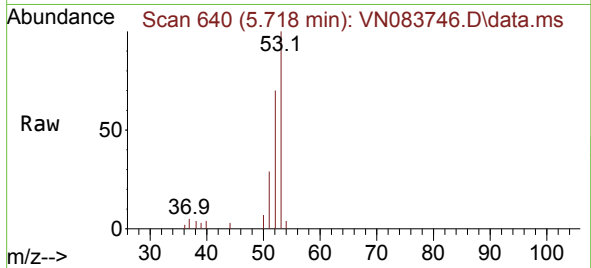




#15
Acrylonitrile
Concen: 25.224 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

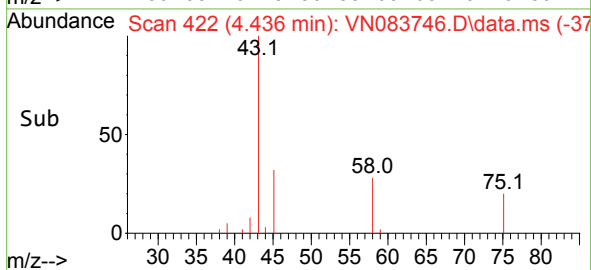
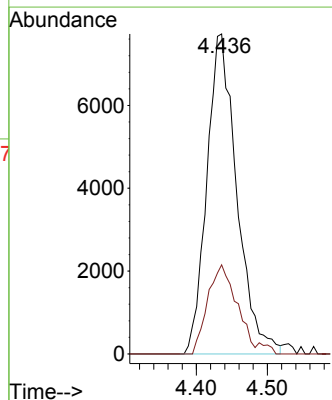
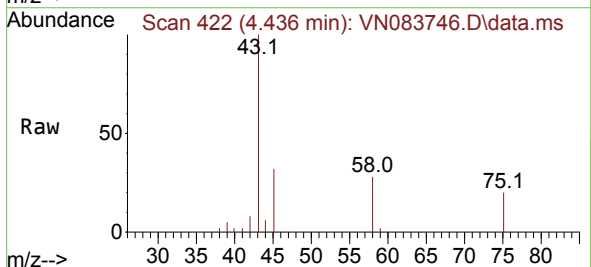
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

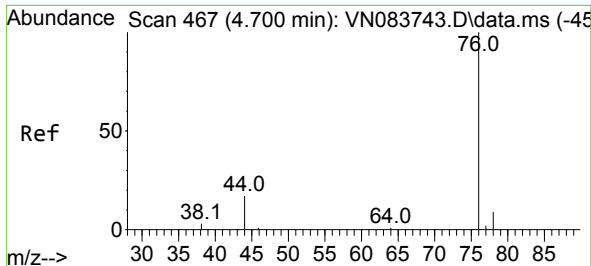
Tgt Ion:	53	Resp:	22170
Ion	Ratio	Lower	Upper
53	100		
52	79.6	66.1	99.1
51	35.5	29.6	44.4



#16
Acetone
Concen: 23.401 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion:	43	Resp:	22641
Ion	Ratio	Lower	Upper
43	100		
58	27.9	23.7	35.5





#17

Carbon Disulfide

Concen: 4.850 ug/l

RT: 4.694 min Scan# 4

Delta R.T. -0.006 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

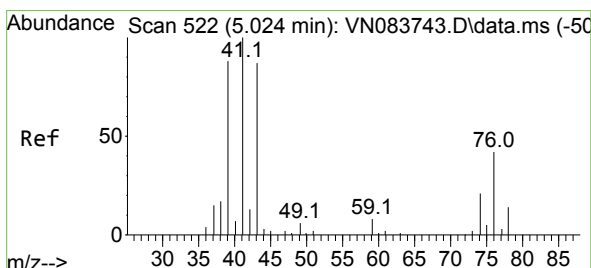
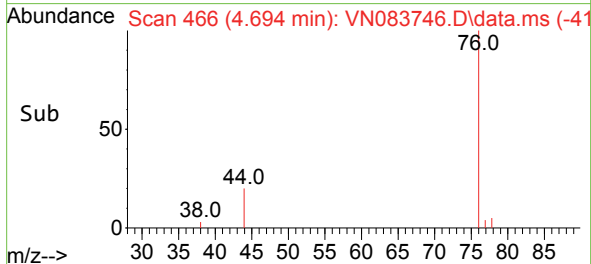
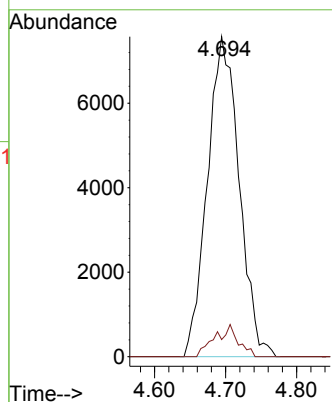
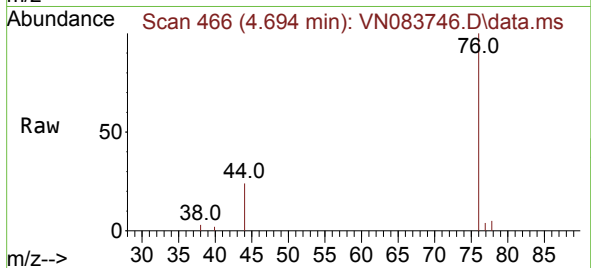
VSTDICC005

Tgt Ion: 76 Resp: 23486

Ion Ratio Lower Upper

76 100

78 5.4 7.1 10.7#



#18

Methyl Acetate

Concen: 4.269 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN083746.D

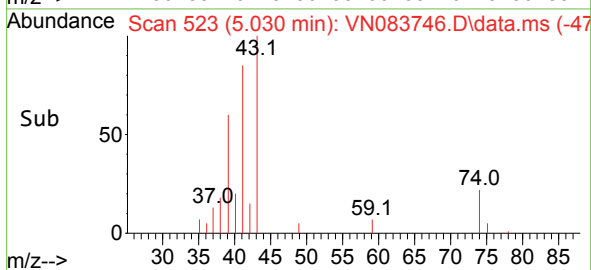
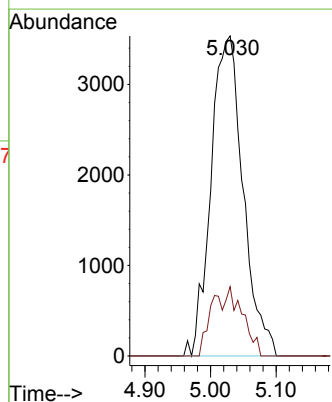
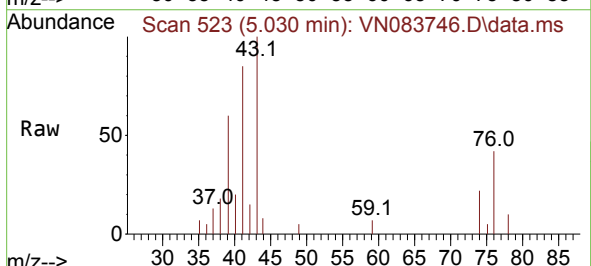
Acq: 10 Sep 2024 10:44

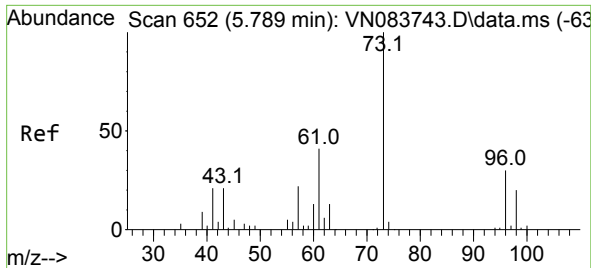
Tgt Ion: 43 Resp: 12028

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#

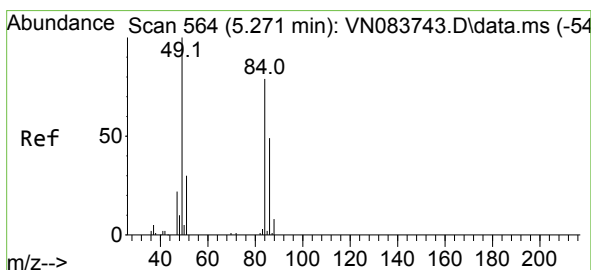
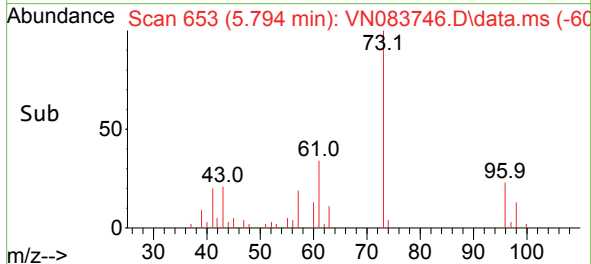
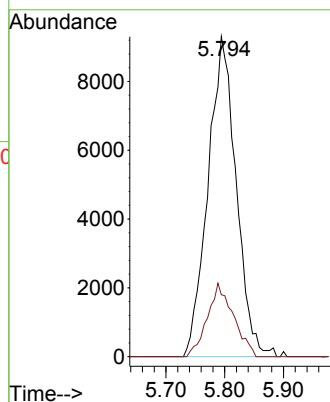
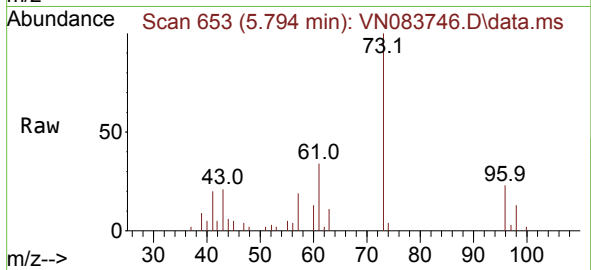




#19
Methyl tert-butyl Ether
Concen: 4.948 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

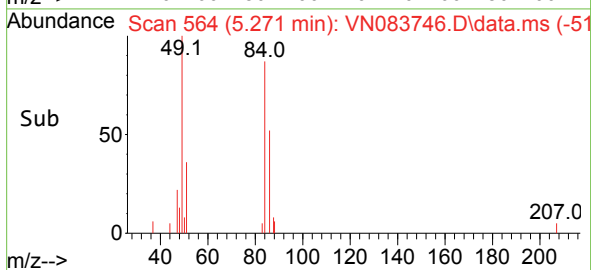
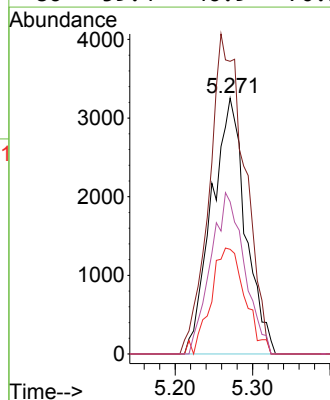
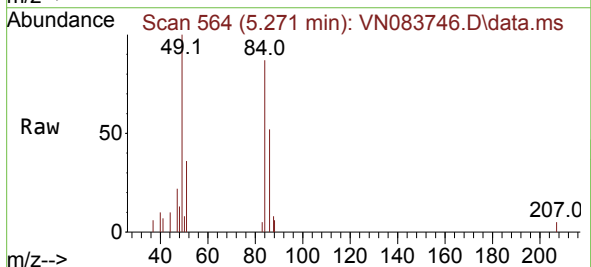
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

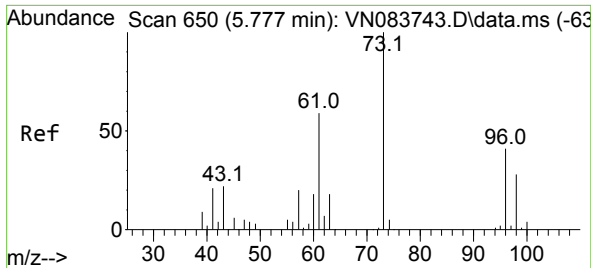
Tgt Ion: 73 Resp: 30995
Ion Ratio Lower Upper
73 100
57 19.4 17.0 25.6



#20
Methylene Chloride
Concen: 5.016 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion: 84 Resp: 9932
Ion Ratio Lower Upper
84 100
49 114.3 93.4 140.0
51 40.9 29.2 43.8
86 59.4 46.9 70.3

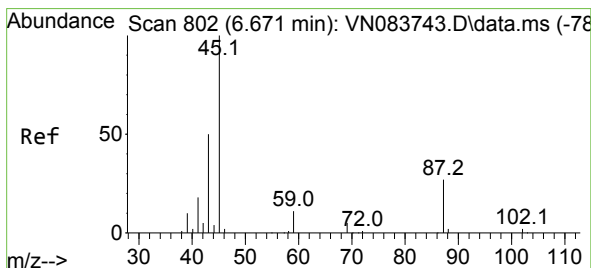
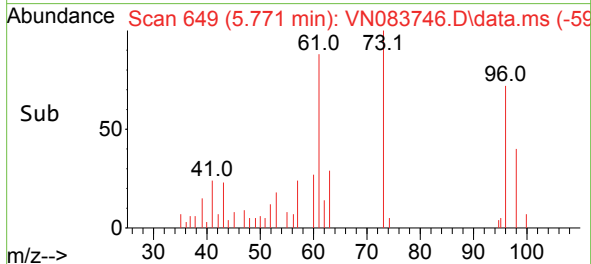
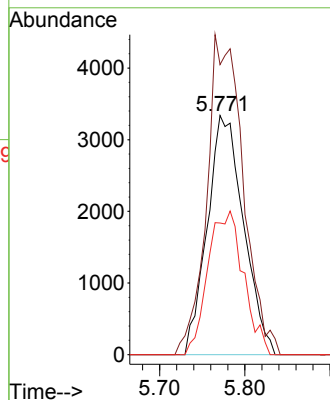
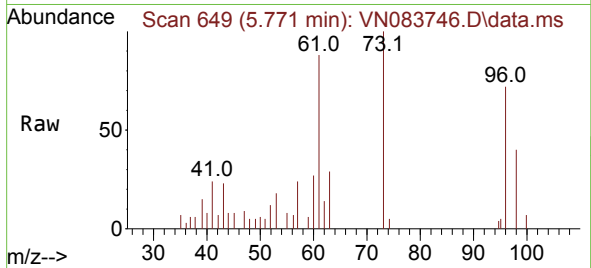




#21
trans-1,2-Dichloroethene
Concen: 5.327 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

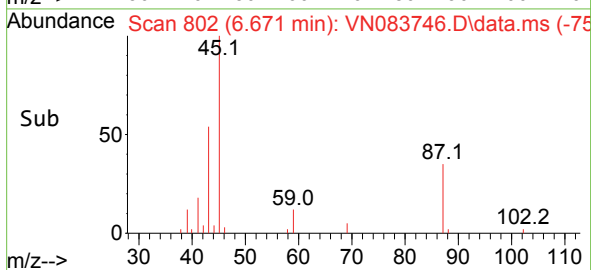
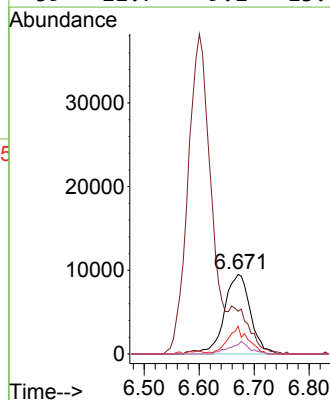
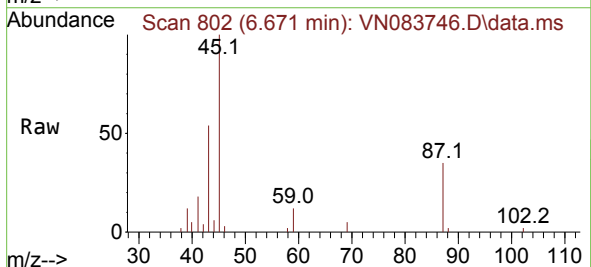
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

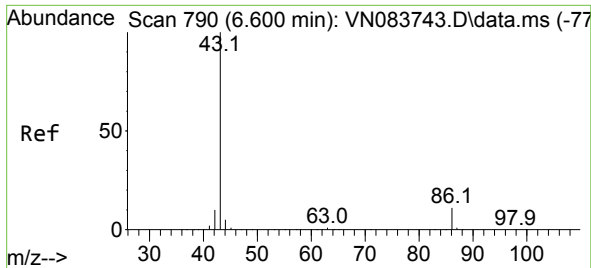
Tgt Ion: 96 Resp: 9883
Ion Ratio Lower Upper
96 100
61 121.3 106.0 159.0
98 55.0 52.2 78.2



#22
Diisopropyl ether
Concen: 4.941 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion: 45 Resp: 31379
Ion Ratio Lower Upper
45 100
43 51.9 43.4 65.0
87 34.7 22.6 33.8#
59 11.7 9.1 13.7

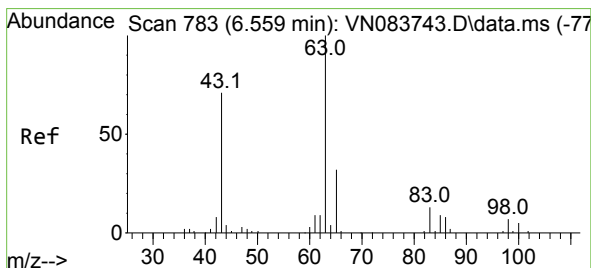
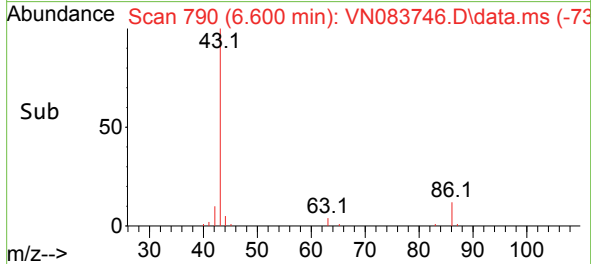
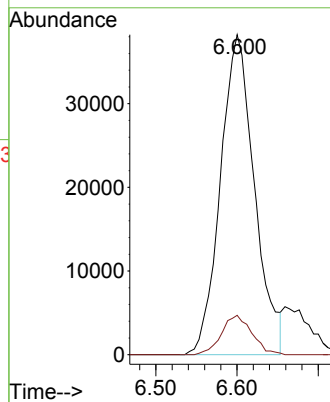
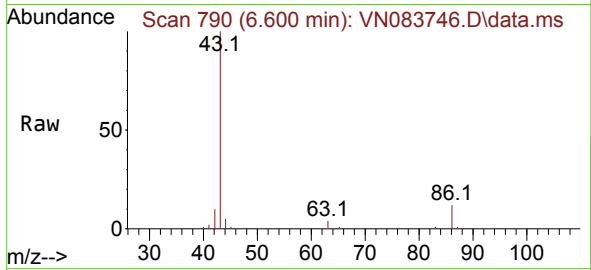




#23
 Vinyl Acetate
 Concen: 23.983 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN083746.D
 Acq: 10 Sep 2024 10:44

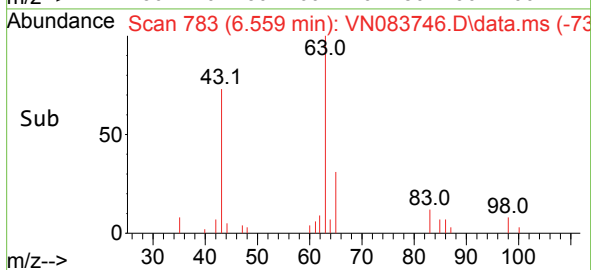
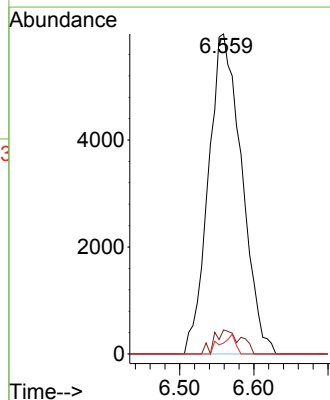
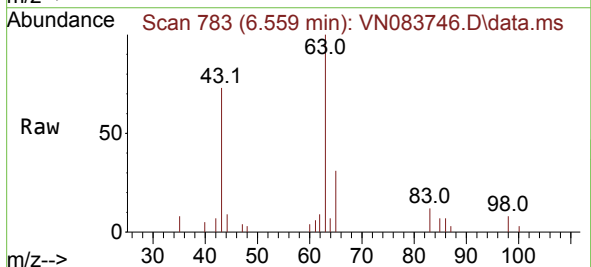
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

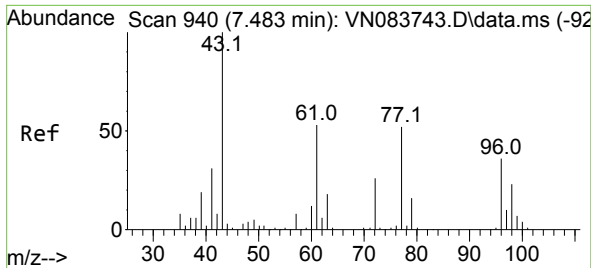
Tgt Ion: 43 Resp: 111530
 Ion Ratio Lower Upper
 43 100
 86 12.3 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 5.098 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.000 min
 Lab File: VN083746.D
 Acq: 10 Sep 2024 10:44

Tgt Ion: 63 Resp: 18651
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 3.4 2.5 7.5

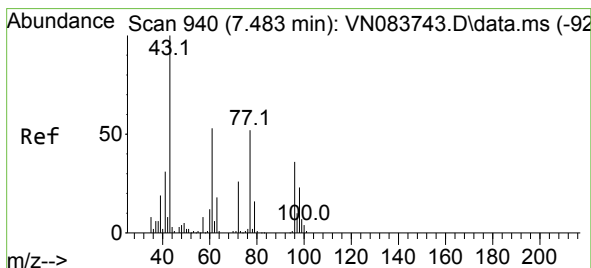
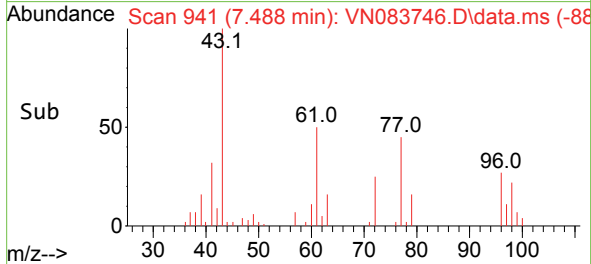
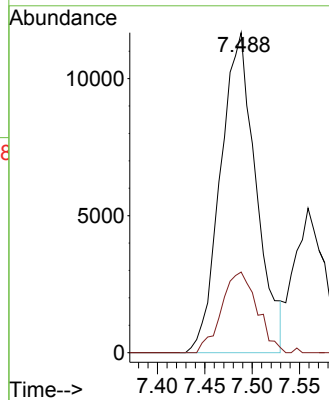
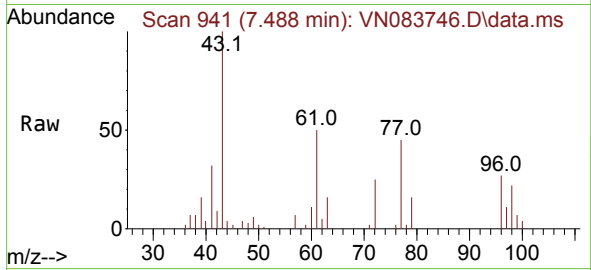




#25
2-Butanone
Concen: 23.949 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

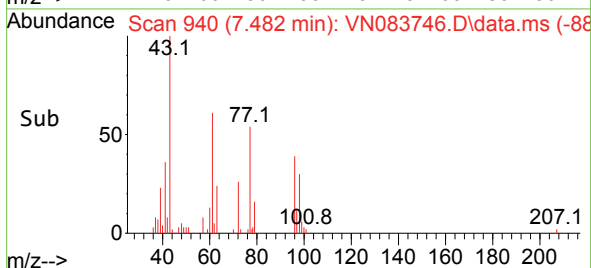
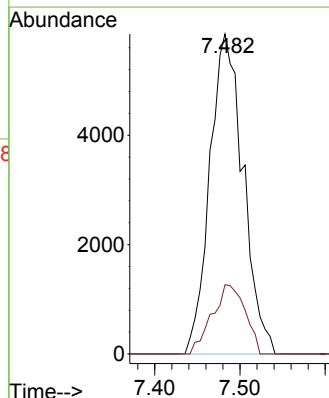
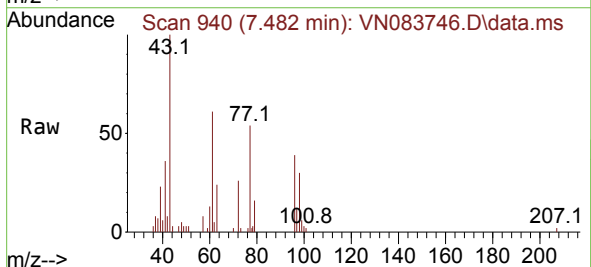
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

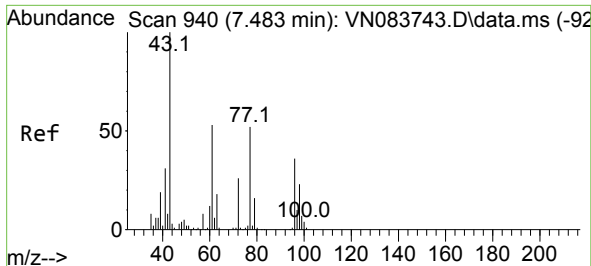
Tgt Ion: 43 Resp: 30455
Ion Ratio Lower Upper
43 100
72 25.2 20.8 31.2



#26
2,2-Dichloropropane
Concen: 4.719 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion: 77 Resp: 15899
Ion Ratio Lower Upper
77 100
97 21.4 10.2 30.4

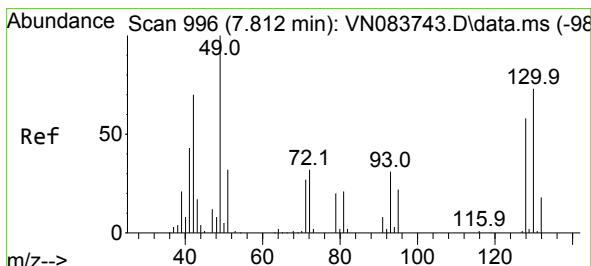
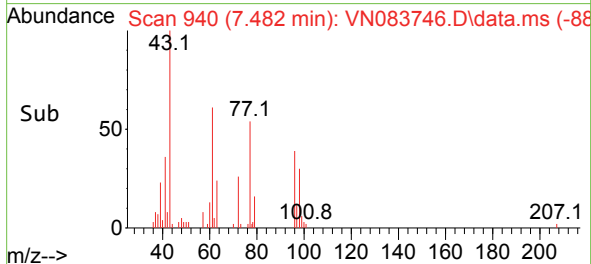
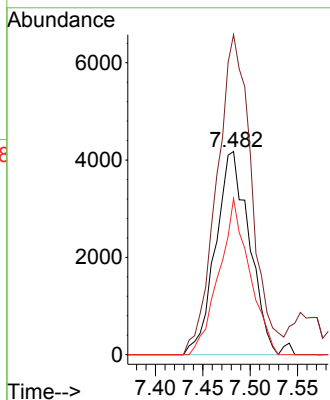
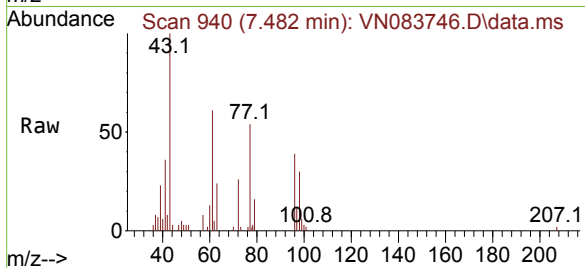




#27
cis-1,2-Dichloroethene
Concen: 4.697 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

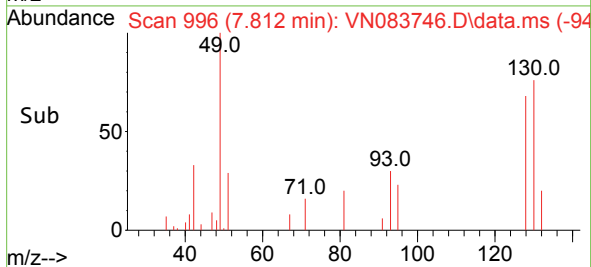
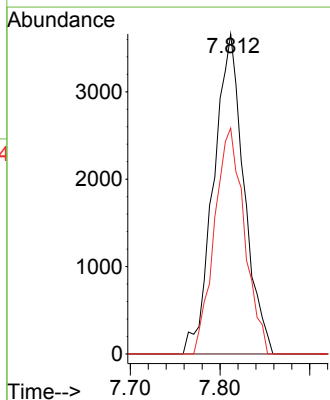
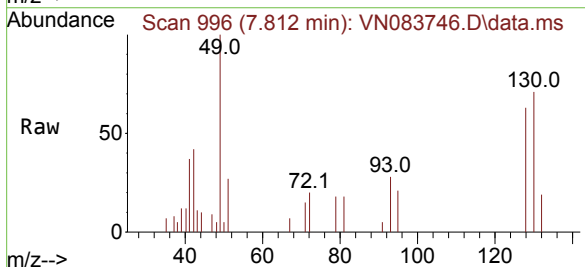
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

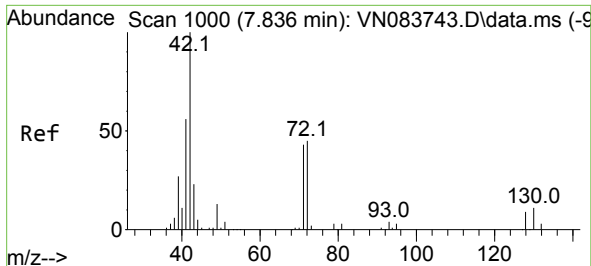
Tgt Ion: 96 Resp: 10345
Ion Ratio Lower Upper
96 100
61 162.9 0.0 306.2
98 69.6 0.0 128.6



#28
Bromochloromethane
Concen: 5.585 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion: 49 Resp: 8604
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.4
130 69.3 60.2 90.2





#29

Tetrahydrofuran

Concen: 24.578 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

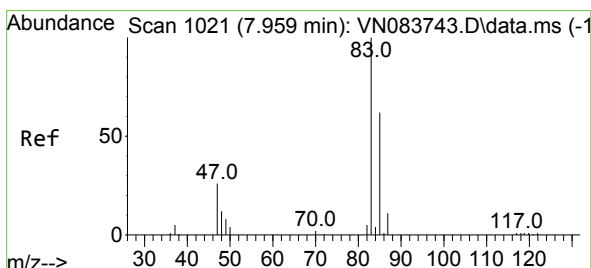
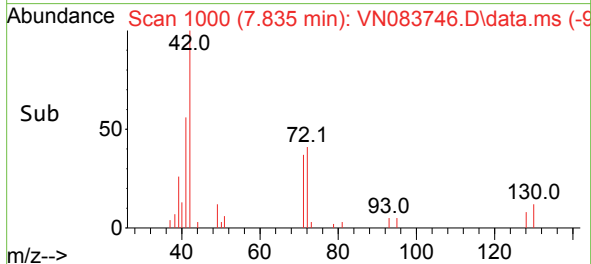
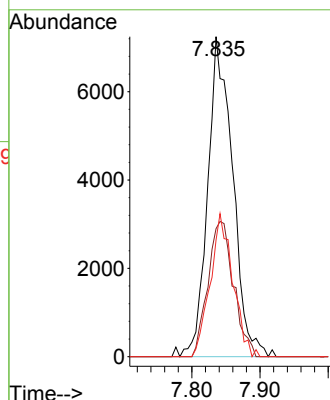
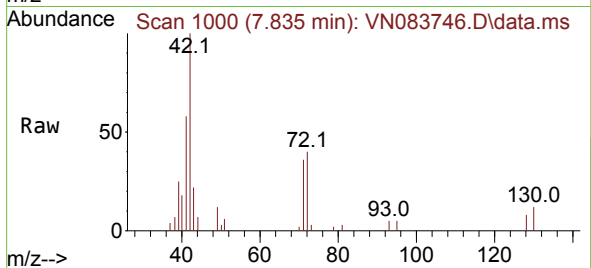
Tgt Ion: 42 Resp: 18481

Ion Ratio Lower Upper

42 100

72 43.2 35.9 53.9

71 40.5 33.9 50.9



#30

Chloroform

Concen: 5.044 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN083746.D

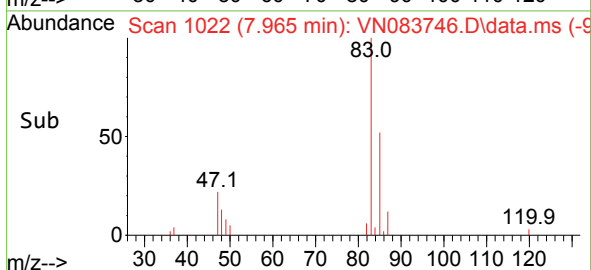
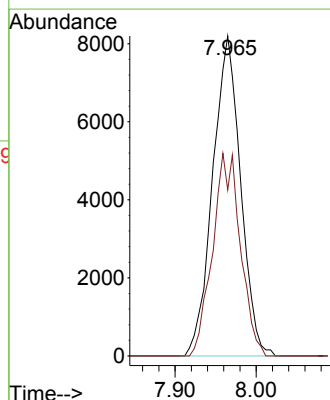
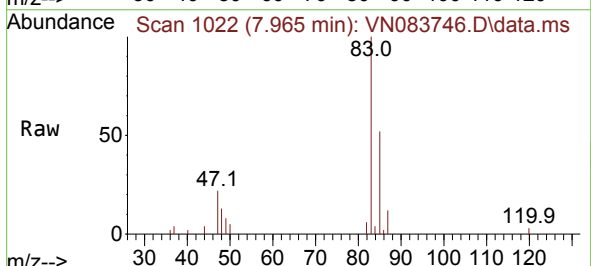
Acq: 10 Sep 2024 10:44

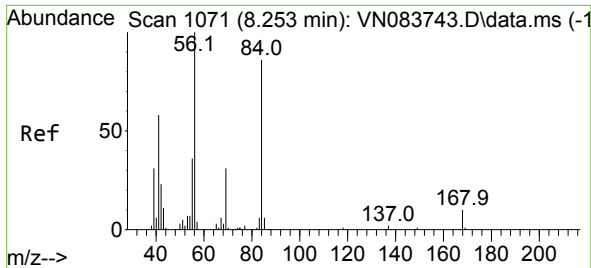
Tgt Ion: 83 Resp: 19593

Ion Ratio Lower Upper

83 100

85 51.9 52.8 79.2#

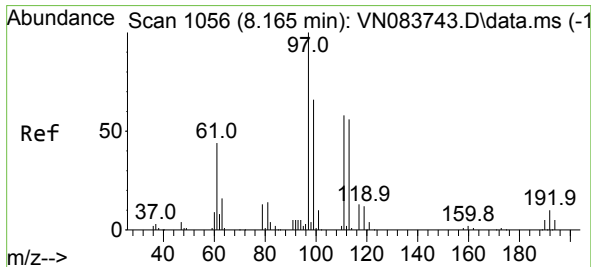
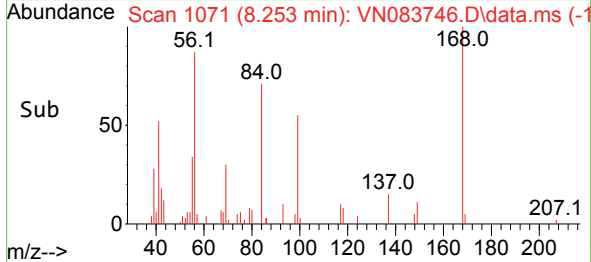
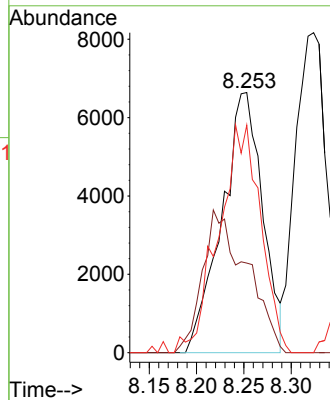
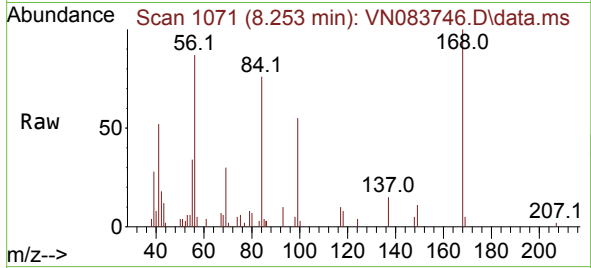




#31
Cyclohexane
Concen: 5.708 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

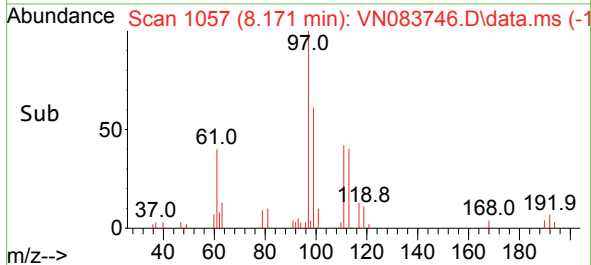
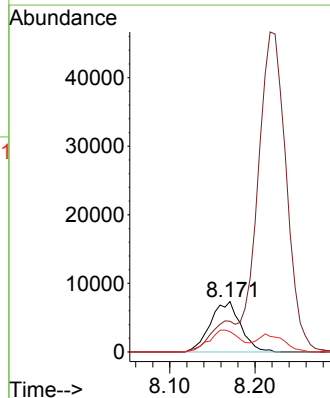
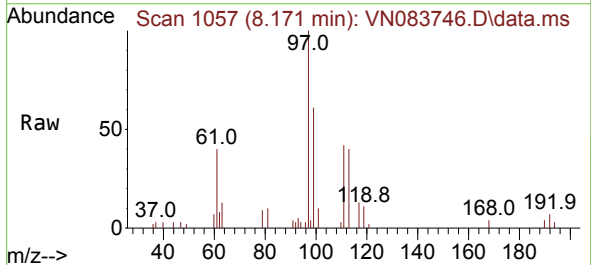
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

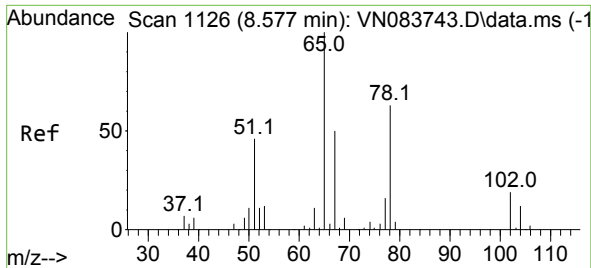
Tgt Ion: 56 Resp: 19910
Ion Ratio Lower Upper
56 100
69 32.1 26.9 40.3
84 81.3 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 5.068 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion: 97 Resp: 18099
Ion Ratio Lower Upper
97 100
99 51.1 52.3 78.5#
61 45.5 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 3.970 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

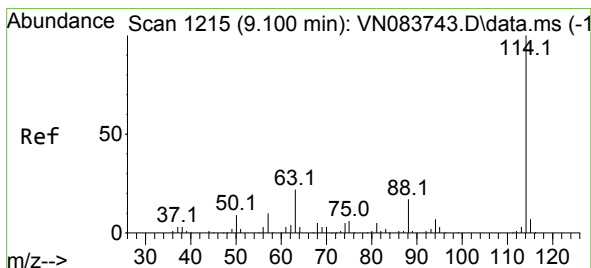
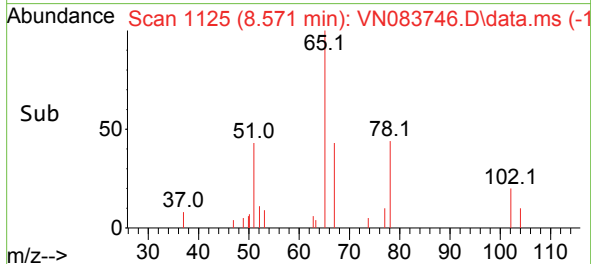
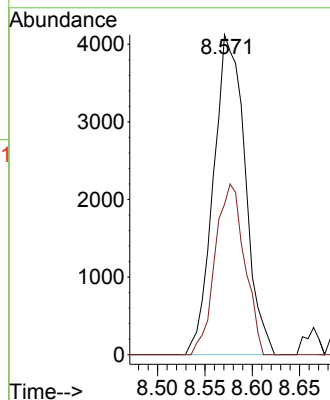
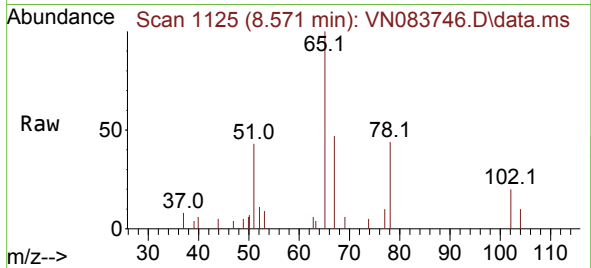
VSTDIC005

Tgt Ion: 65 Resp: 9581

Ion Ratio Lower Upper

65 100

67 49.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

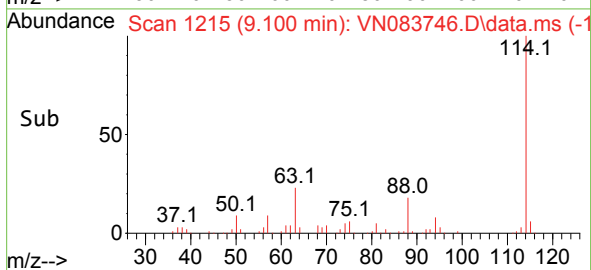
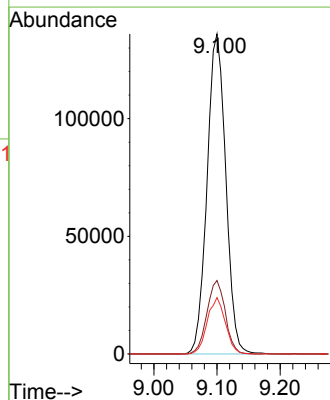
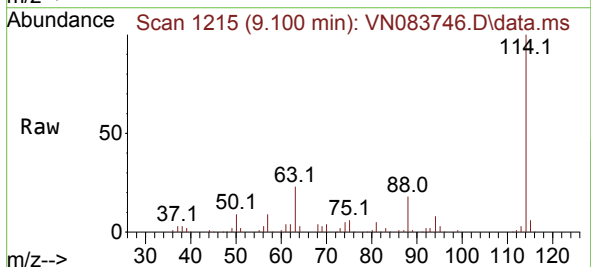
Tgt Ion: 114 Resp: 280097

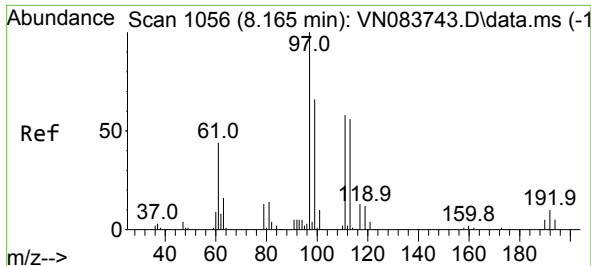
Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.4

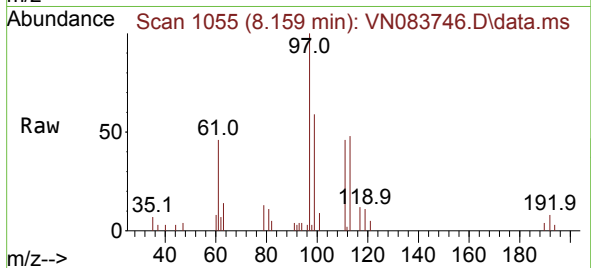
88 17.6 0.0 32.6



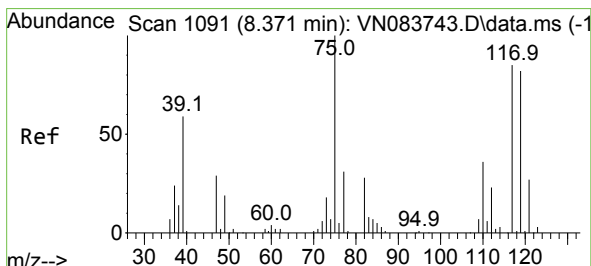
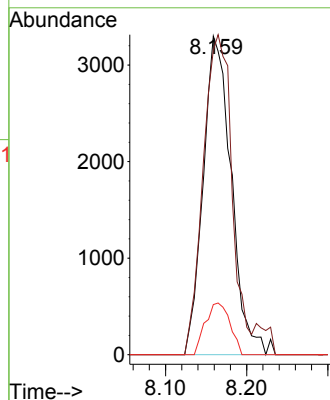
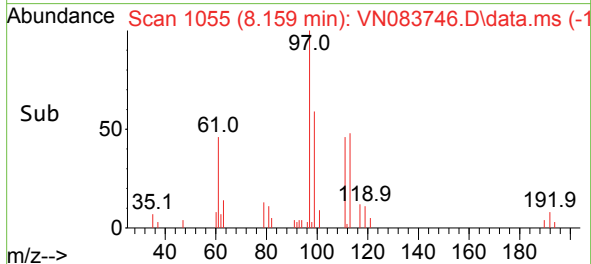


#35
Dibromofluoromethane
Concen: 4.435 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

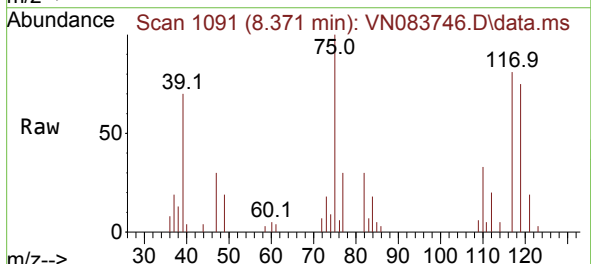
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



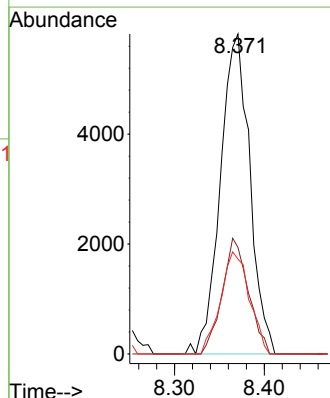
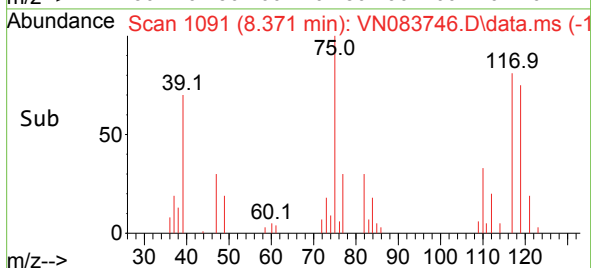
Tgt Ion:113 Resp: 7953
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 14.2 14.3 21.5#

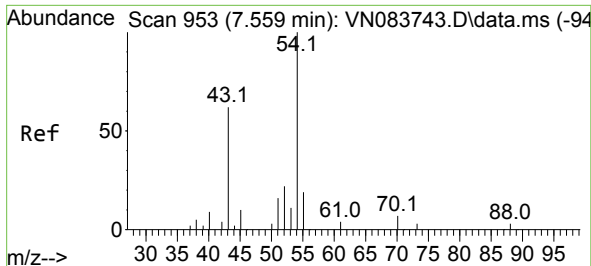


#36
1,1-Dichloropropene
Concen: 4.903 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44



Tgt Ion: 75 Resp: 13233
Ion Ratio Lower Upper
75 100
110 32.3 16.7 50.1
77 31.2 25.2 37.8





#37

Ethyl Acetate

Concen: 4.903 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

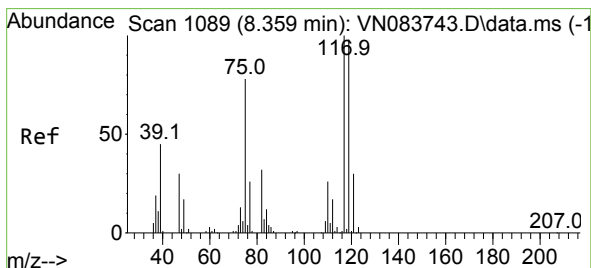
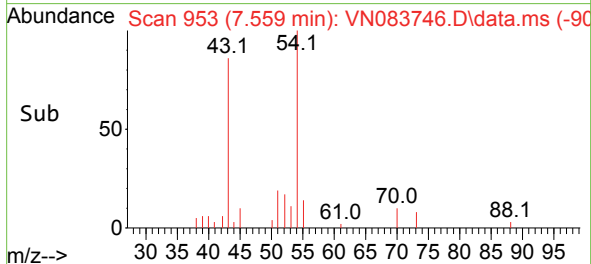
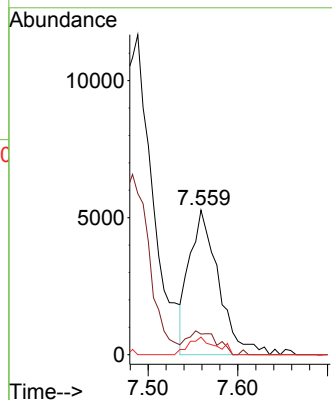
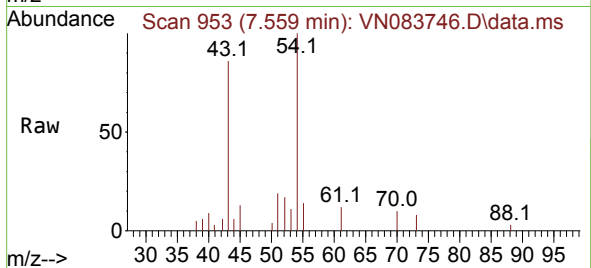
Tgt Ion: 43 Resp: 12012

Ion Ratio Lower Upper

43 100

61 16.0 11.1 16.7

70 10.9 8.8 13.2



#38

Carbon Tetrachloride

Concen: 4.979 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

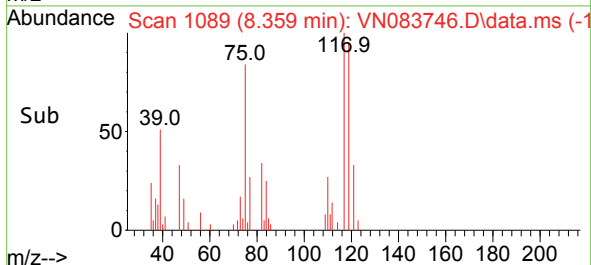
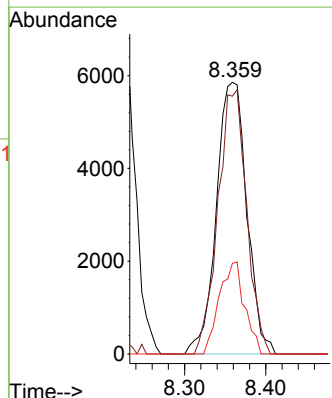
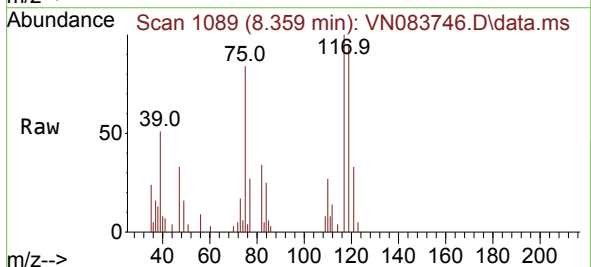
Tgt Ion: 117 Resp: 15245

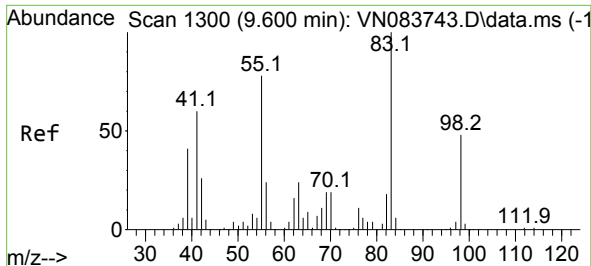
Ion Ratio Lower Upper

117 100

119 94.9 76.1 114.1

121 33.3 24.1 36.1





#39

Methylcyclohexane

Concen: 4.598 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

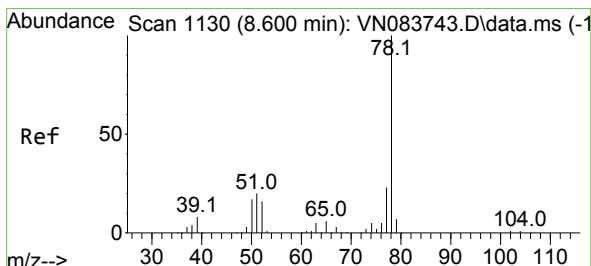
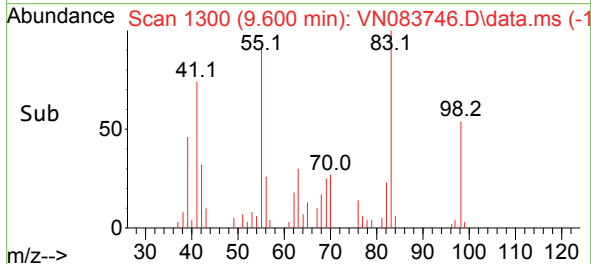
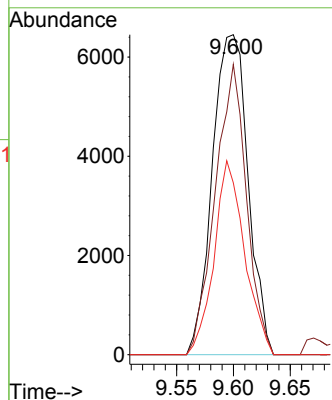
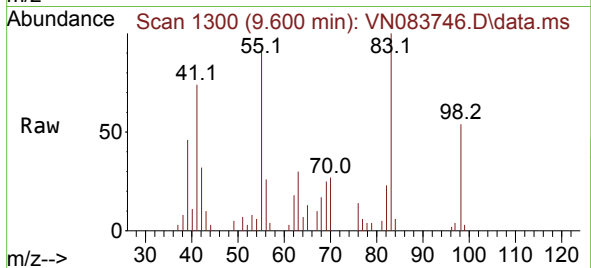
Tgt Ion: 83 Resp: 14125

Ion Ratio Lower Upper

83 100

55 90.7 62.2 93.4

98 53.7 37.6 56.4



#40

Benzene

Concen: 4.780 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083746.D

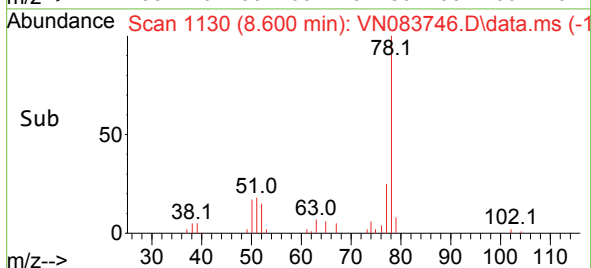
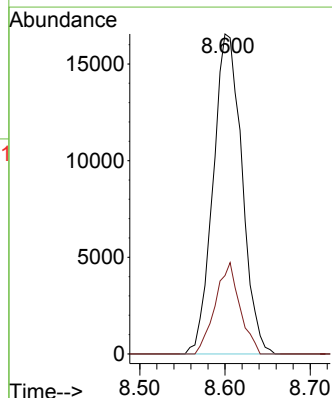
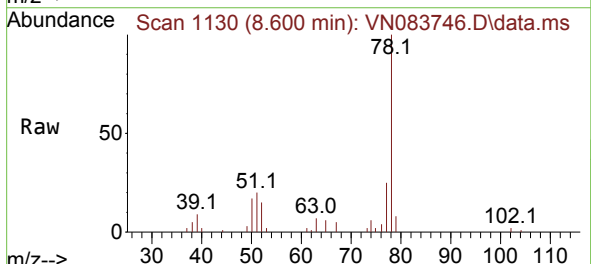
Acq: 10 Sep 2024 10:44

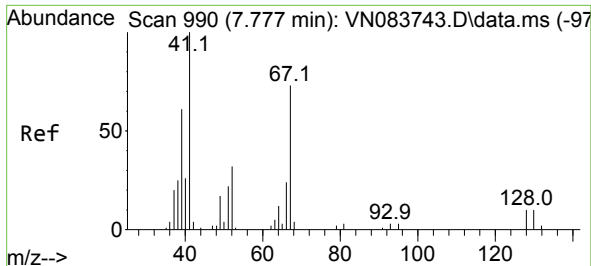
Tgt Ion: 78 Resp: 38828

Ion Ratio Lower Upper

78 100

77 24.5 19.0 28.6

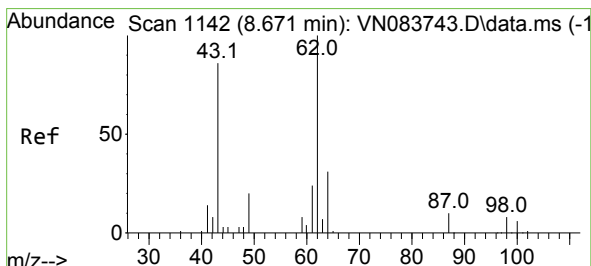
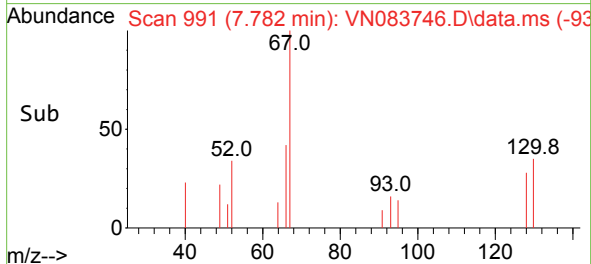
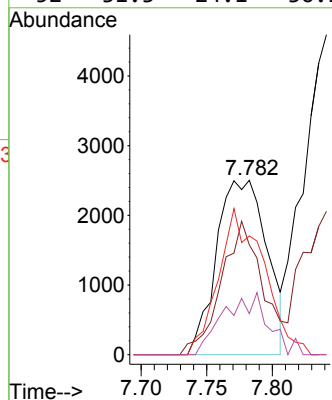
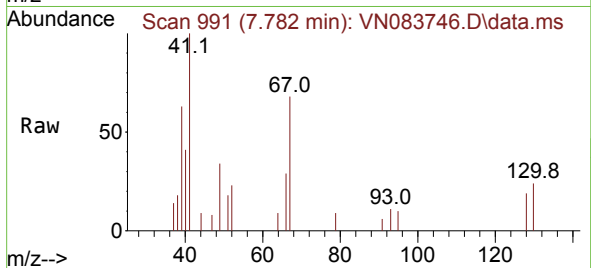




#41
Methacrylonitrile
Concen: 4.628 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

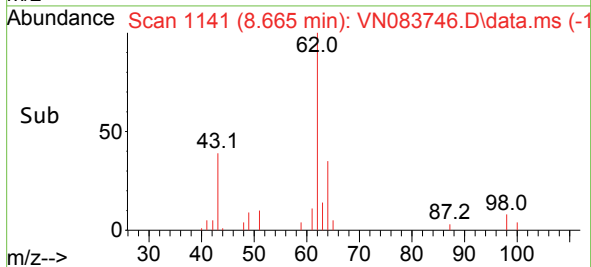
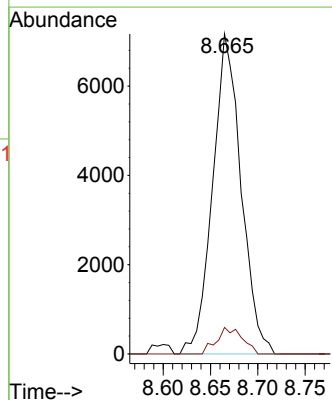
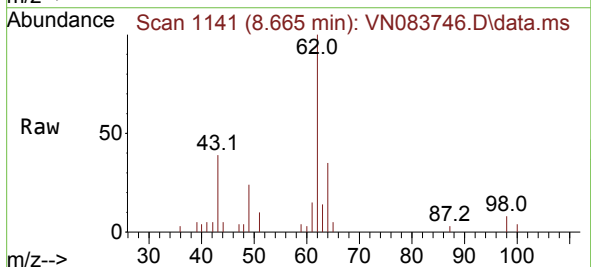
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

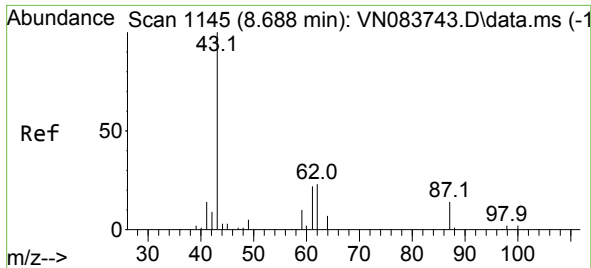
Tgt Ion:	41	Resp:	6706
Ion	Ratio	Lower	Upper
41	100		
39	64.1	45.4	68.2
67	75.3	55.9	83.9
52	31.3	24.1	36.1



#42
1,2-Dichloroethane
Concen: 4.926 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion:	62	Resp:	14954
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	16.6

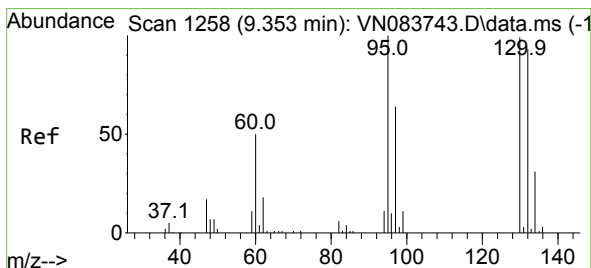
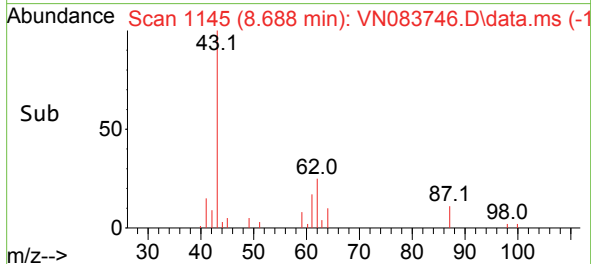
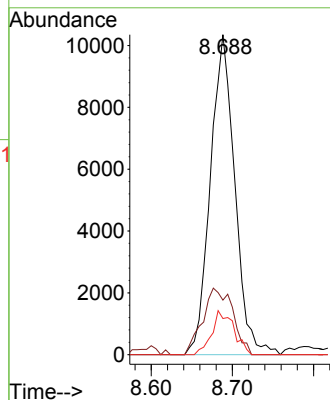
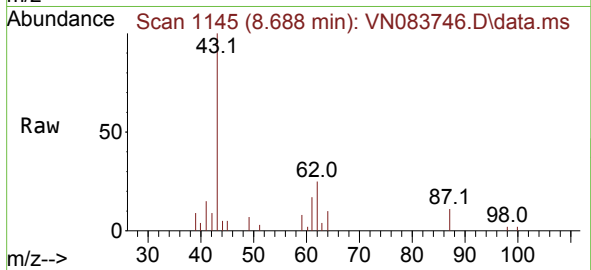




#43
Isopropyl Acetate
Concen: 4.878 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

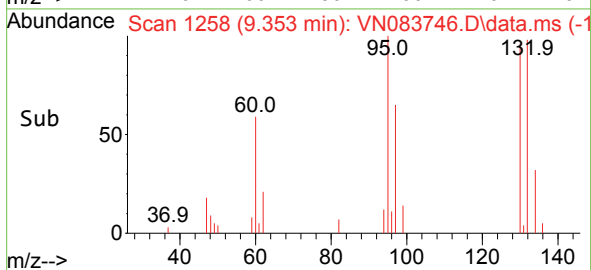
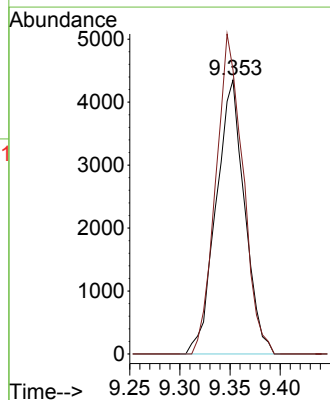
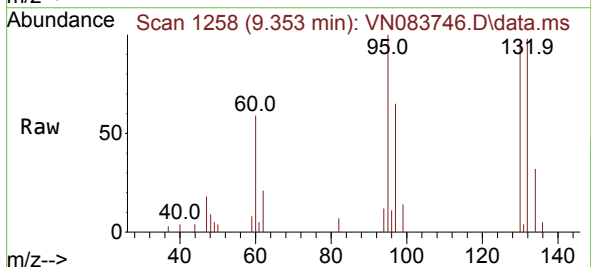
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

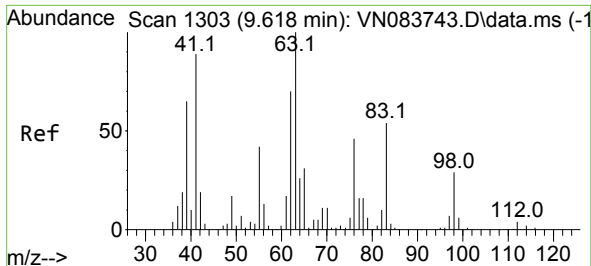
Tgt Ion:	43	Resp:	21656
Ion	Ratio	Lower	Upper
43	100		
61	25.7	19.4	29.0
87	12.4	9.8	14.6



#44
Trichloroethene
Concen: 4.554 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion:	130	Resp:	8567
Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	200.4





#45

1,2-Dichloropropane

Concen: 4.921 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

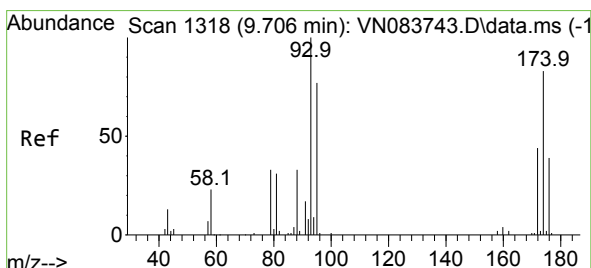
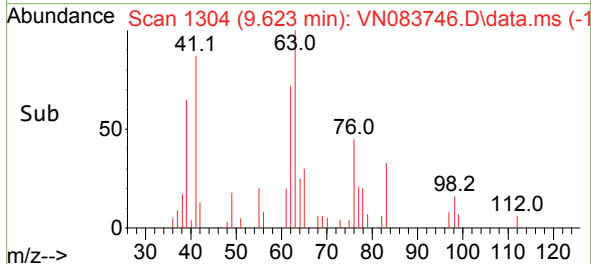
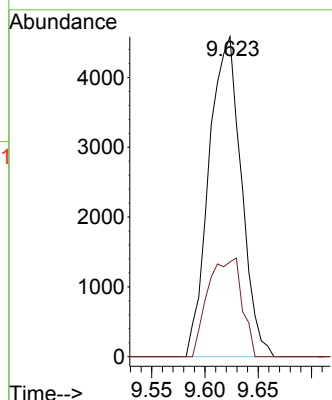
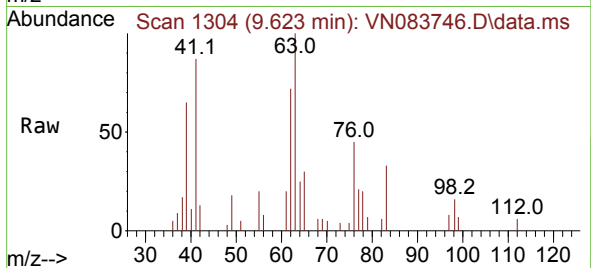
VSTDIC005

Tgt Ion: 63 Resp: 9662

Ion Ratio Lower Upper

63 100

65 29.6 25.9 38.9



#46

Dibromomethane

Concen: 5.001 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

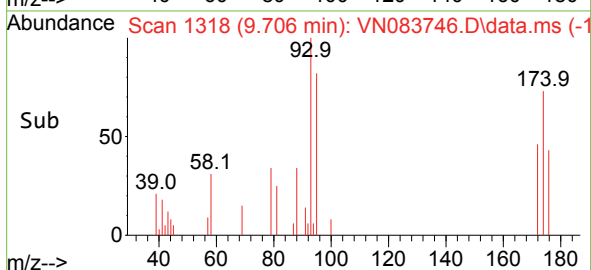
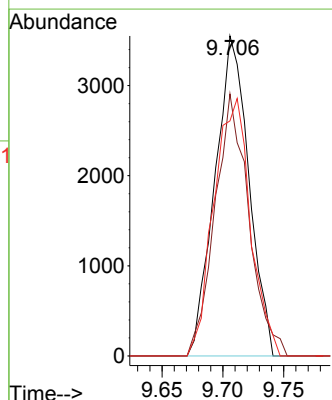
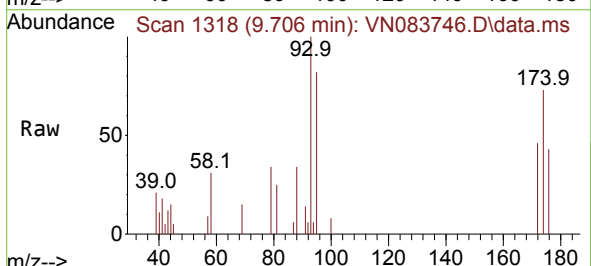
Tgt Ion: 93 Resp: 6877

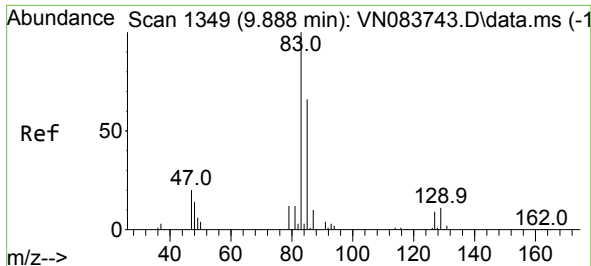
Ion Ratio Lower Upper

93 100

95 81.7 65.3 97.9

174 86.7 71.0 106.4

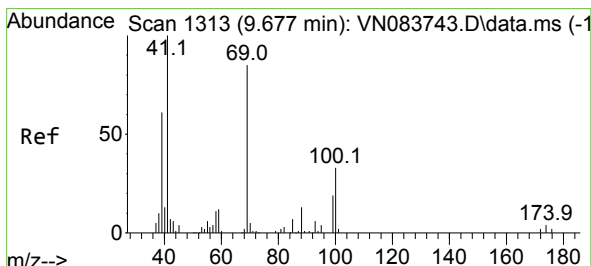
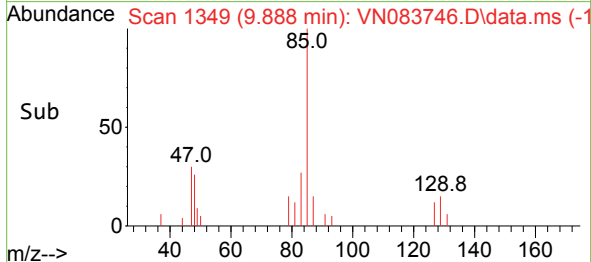
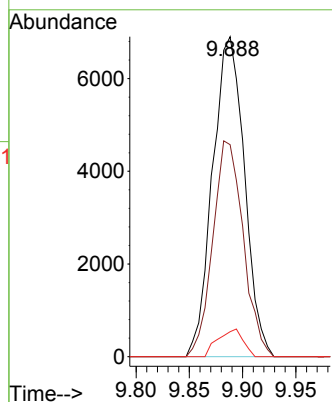
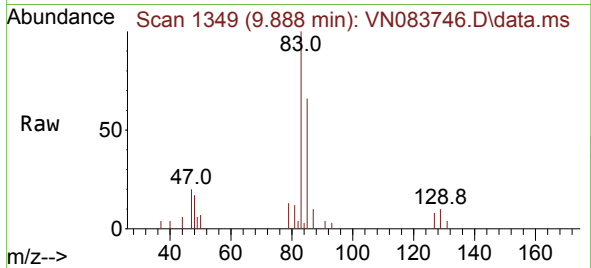




#47
Bromodichloromethane
Concen: 4.821 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

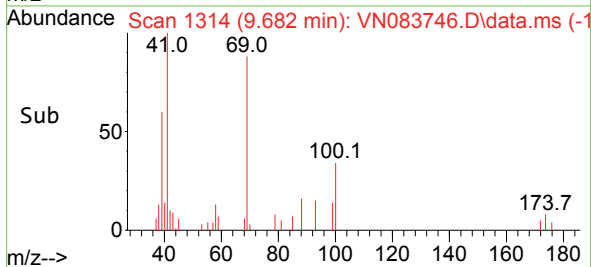
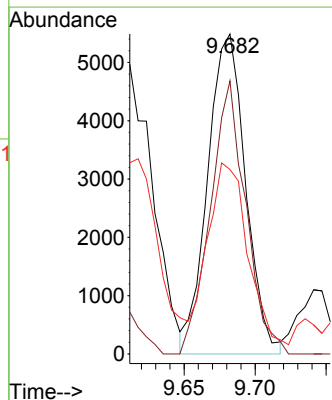
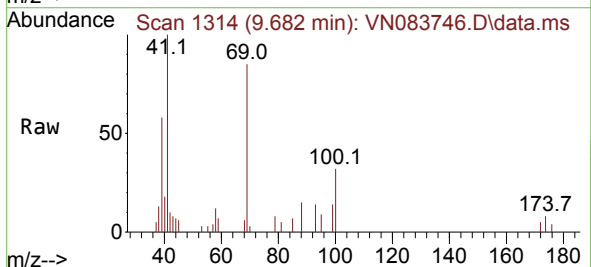
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

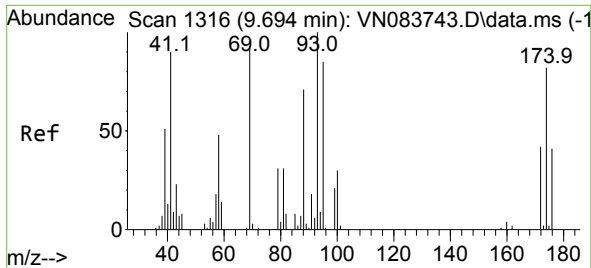
Tgt Ion: 83 Resp: 14350
Ion Ratio Lower Upper
83 100
85 66.3 51.8 77.8
127 7.8 6.6 9.8



#48
Methyl methacrylate
Concen: 4.837 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion: 41 Resp: 10187
Ion Ratio Lower Upper
41 100
69 79.8 64.3 96.5
39 65.6 48.9 73.3





#49

1,4-Dioxane

Concen: 94.692 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

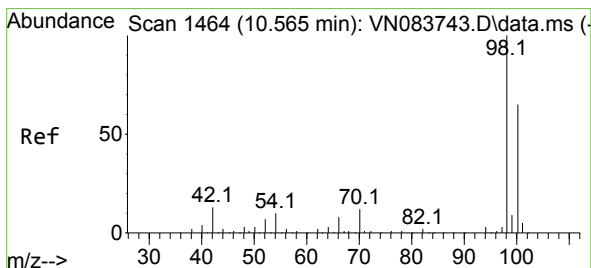
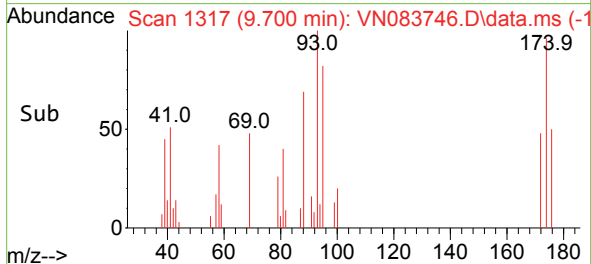
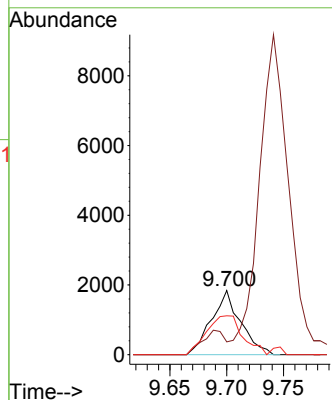
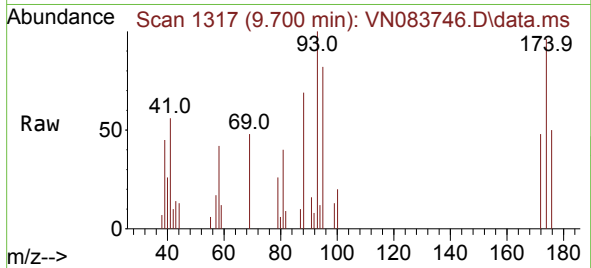
Tgt Ion: 88 Resp: 3281

Ion Ratio Lower Upper

88 100

43 29.6 0.0 0.0#

58 75.0 57.1 85.7



#50

Toluene-d8

Concen: 3.439 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083746.D

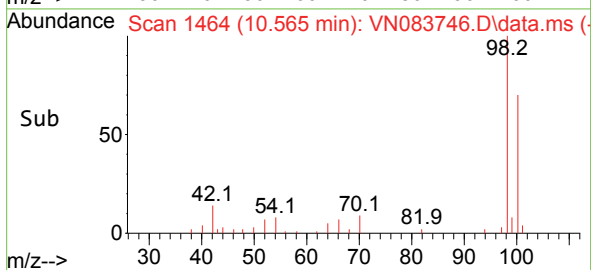
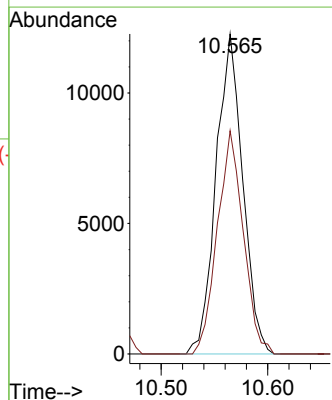
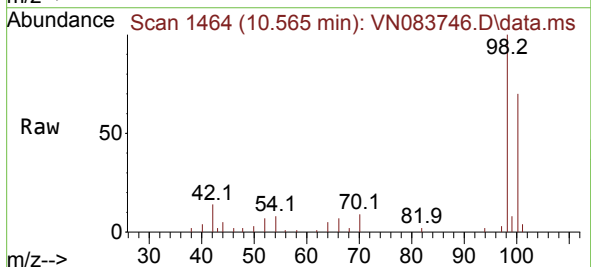
Acq: 10 Sep 2024 10:44

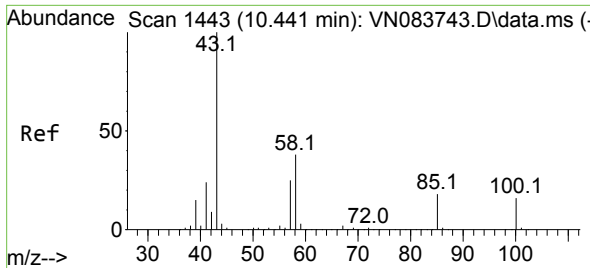
Tgt Ion: 98 Resp: 21320

Ion Ratio Lower Upper

98 100

100 68.0 52.0 78.0

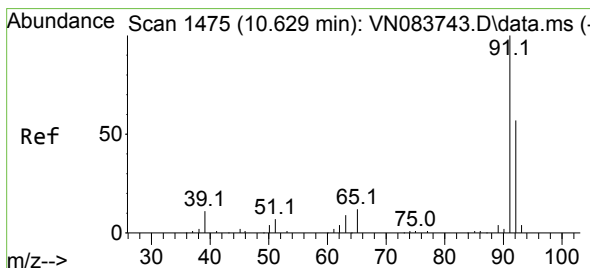
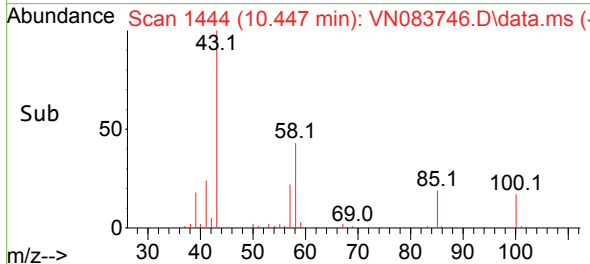
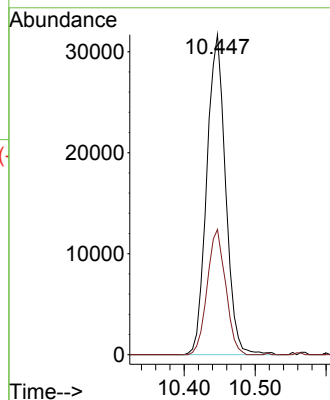
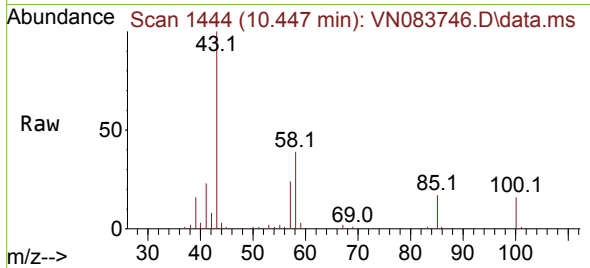




#51
4-Methyl-2-Pentanone
Concen: 24.128 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

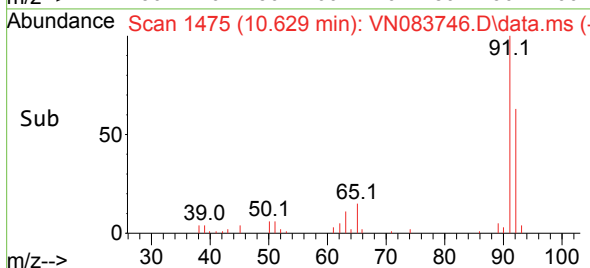
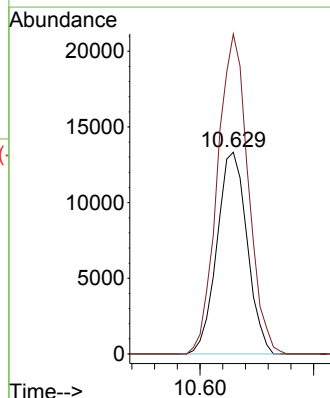
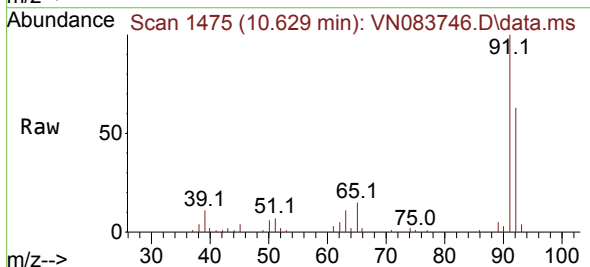
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

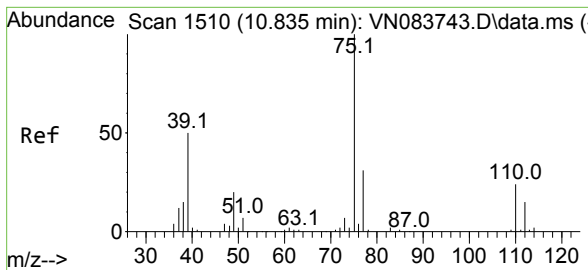
Tgt Ion: 43 Resp: 58309
Ion Ratio Lower Upper
43 100
58 38.3 31.6 47.4



#52
Toluene
Concen: 4.949 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion: 92 Resp: 24590
Ion Ratio Lower Upper
92 100
91 161.8 134.7 202.1

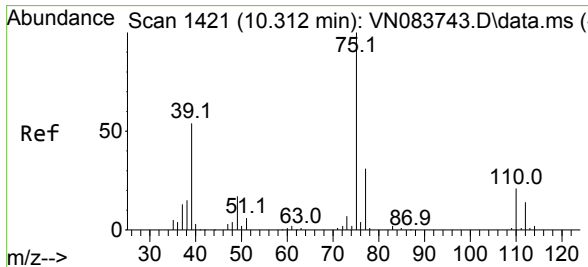
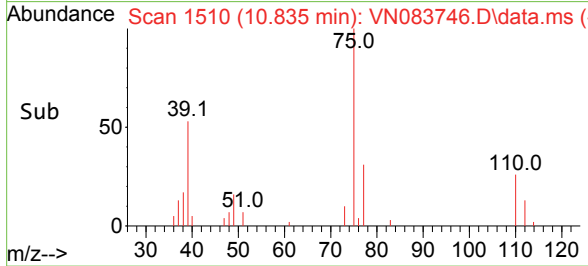
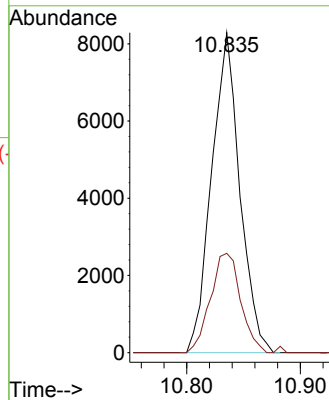
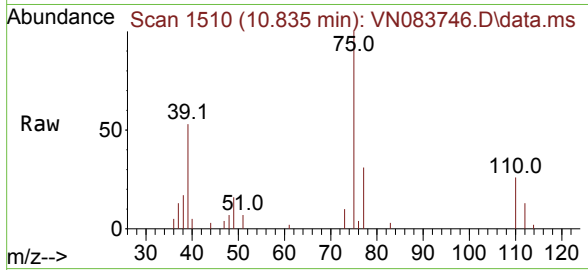




#53
 t-1,3-Dichloropropene
 Concen: 4.733 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN083746.D
 Acq: 10 Sep 2024 10:44

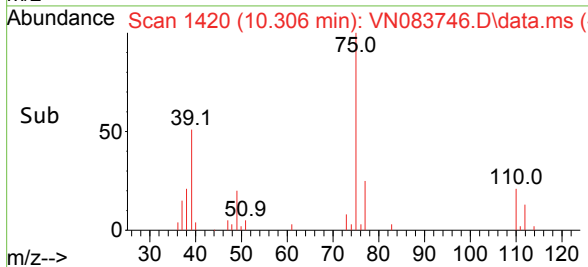
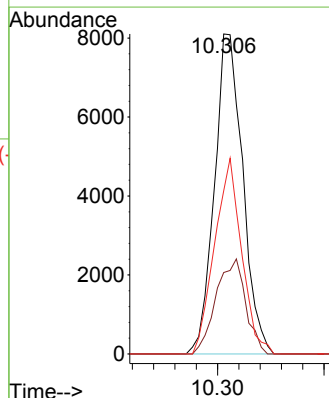
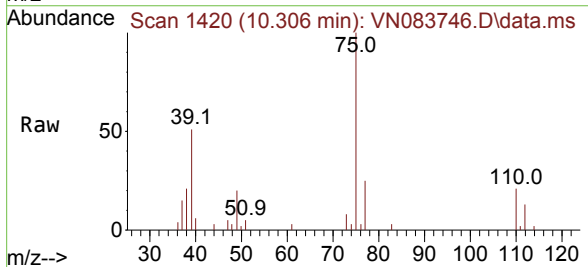
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

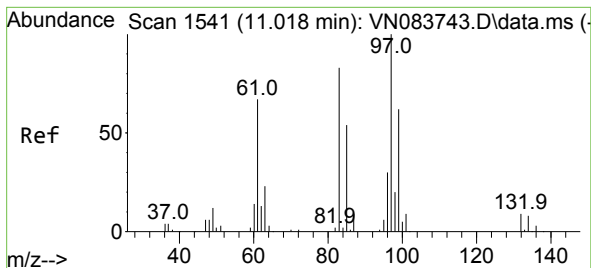
Tgt Ion: 75 Resp: 14280
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 4.709 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN083746.D
 Acq: 10 Sep 2024 10:44

Tgt Ion: 75 Resp: 14921
 Ion Ratio Lower Upper
 75 100
 77 25.4 25.0 37.6
 39 51.0 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 4.873 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 9040

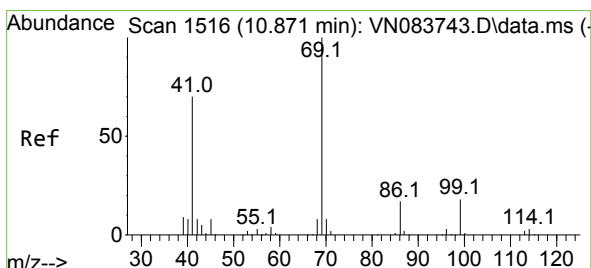
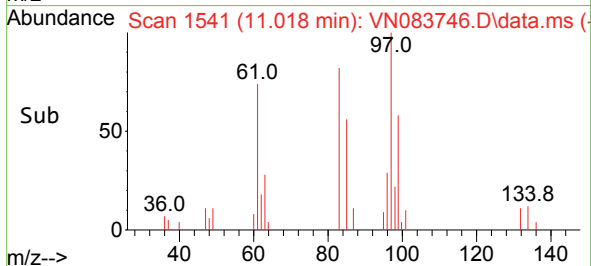
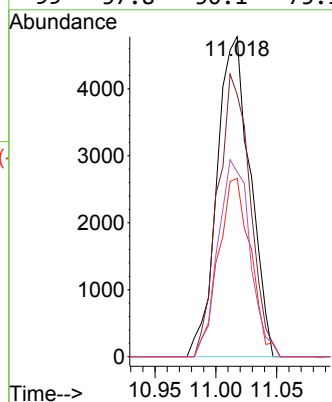
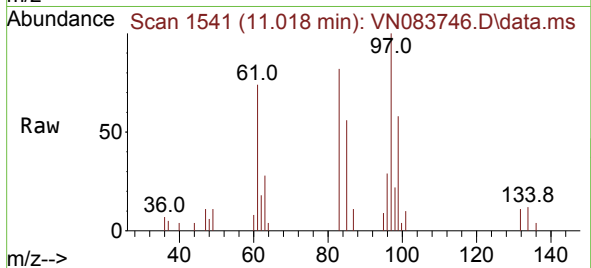
Ion Ratio Lower Upper

97 100

83 81.9 67.5 101.3

85 55.8 44.2 66.2

99 57.8 50.1 75.1



#56

Ethyl methacrylate

Concen: 4.664 ug/l

RT: 10.870 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

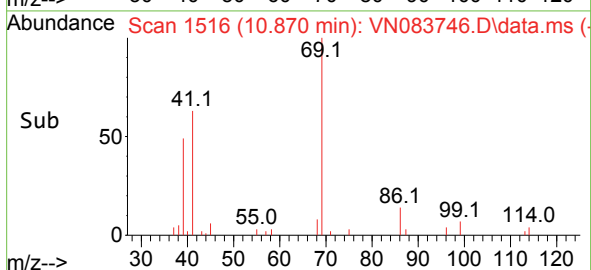
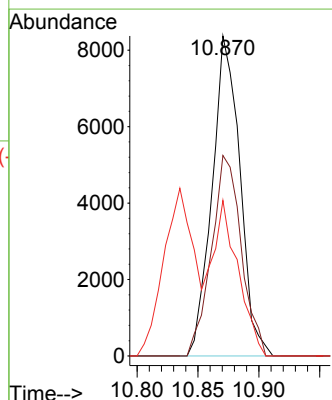
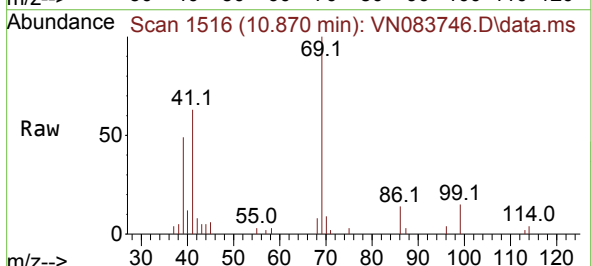
Tgt Ion: 69 Resp: 13310

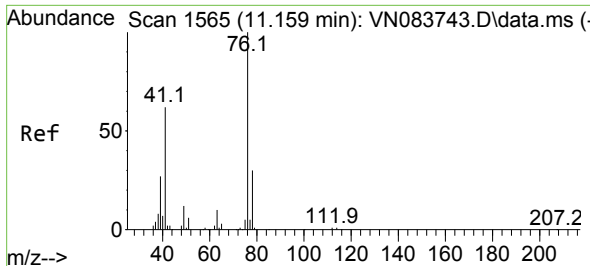
Ion Ratio Lower Upper

69 100

41 67.4 53.9 80.9

39 45.8 32.6 48.8





#57

1,3-Dichloropropane

Concen: 5.124 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

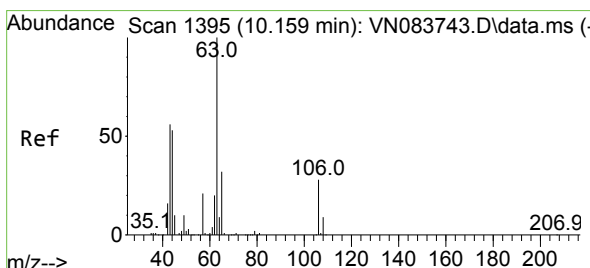
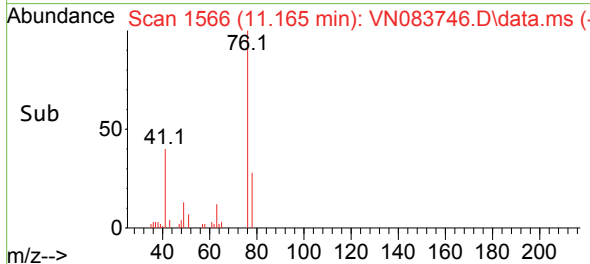
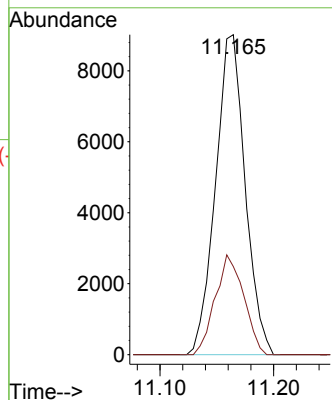
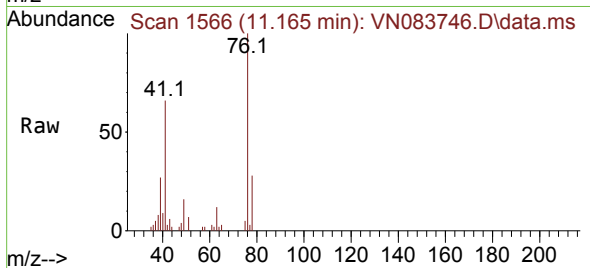
VSTDIC005

Tgt Ion: 76 Resp: 16337

Ion Ratio Lower Upper

76 100

78 30.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 24.016 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN083746.D

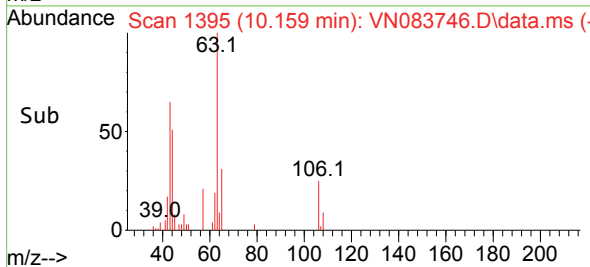
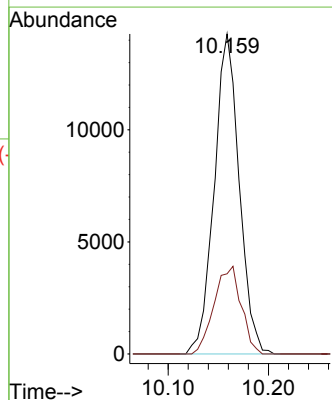
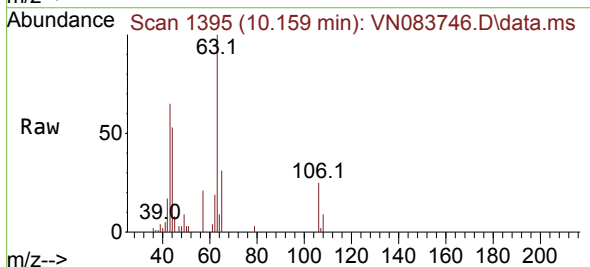
Acq: 10 Sep 2024 10:44

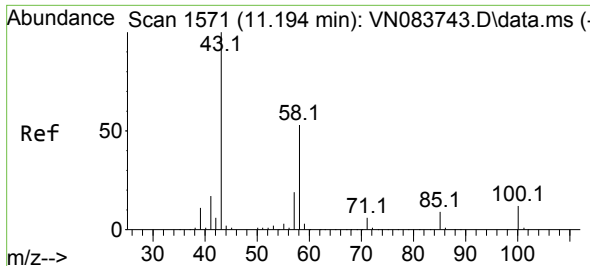
Tgt Ion: 63 Resp: 24698

Ion Ratio Lower Upper

63 100

106 29.6 23.3 34.9

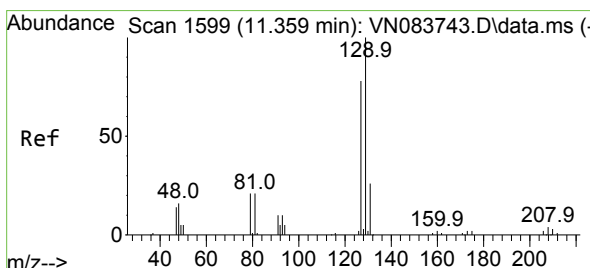
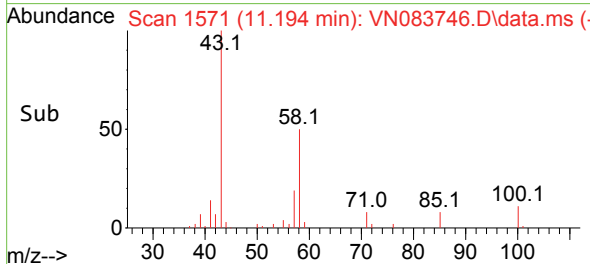
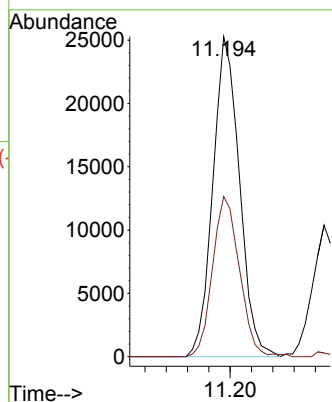
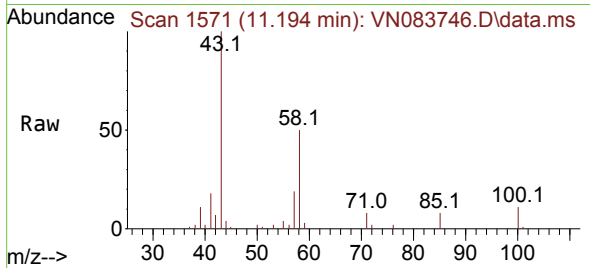




#59
2-Hexanone
Concen: 24.475 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

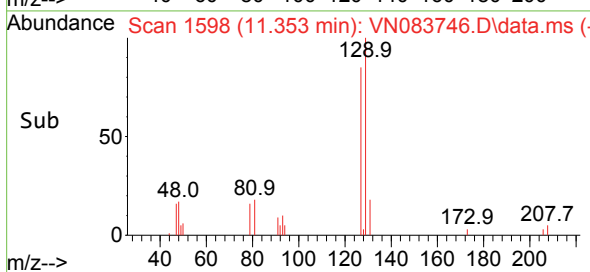
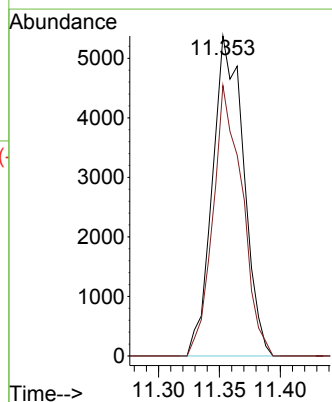
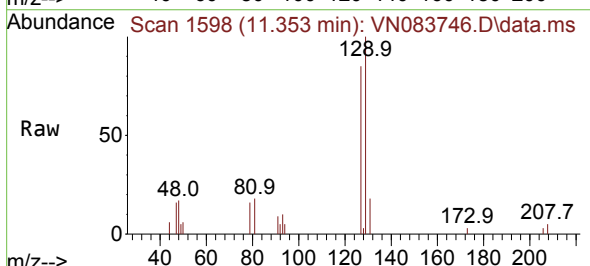
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

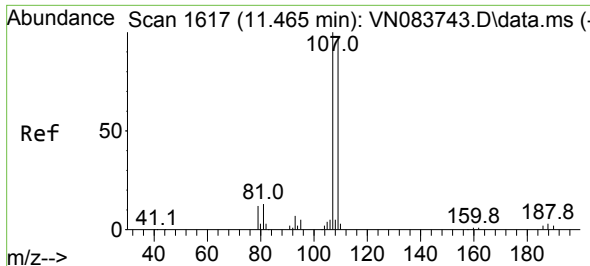
Tgt Ion: 43 Resp: 43752
Ion Ratio Lower Upper
43 100
58 50.7 27.2 81.5



#60
Dibromochloromethane
Concen: 4.611 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion: 129 Resp: 9573
Ion Ratio Lower Upper
129 100
127 79.2 39.0 116.9

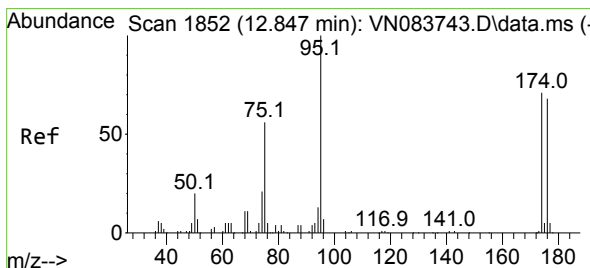
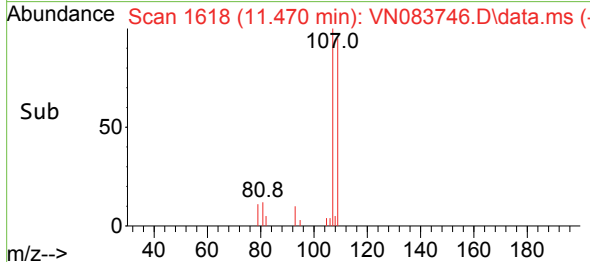
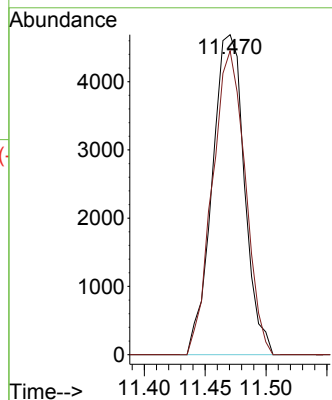
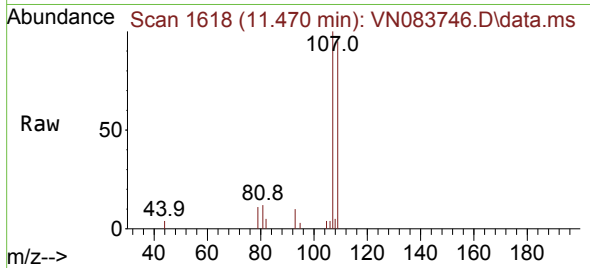




#61
1,2-Dibromoethane
Concen: 4.671 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

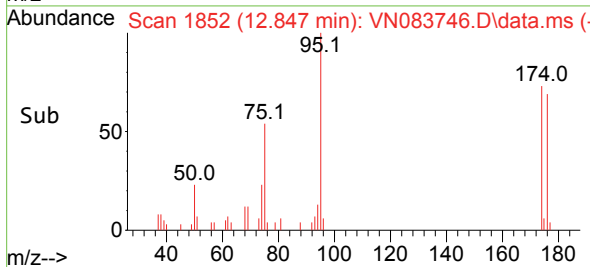
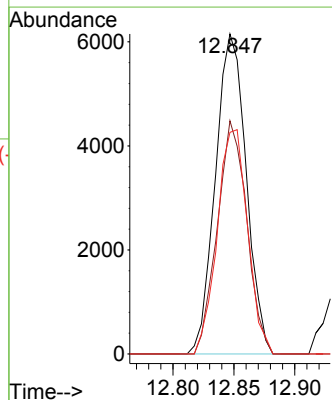
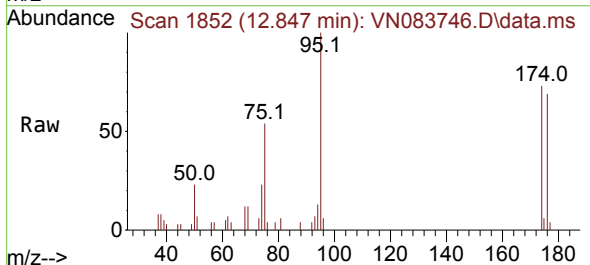
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

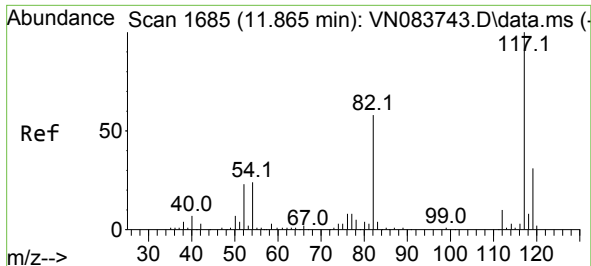
Tgt Ion:107 Resp: 8641
Ion Ratio Lower Upper
107 100
109 96.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 4.226 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion: 95 Resp: 10808
Ion Ratio Lower Upper
95 100
174 69.9 0.0 139.8
176 69.4 0.0 131.4

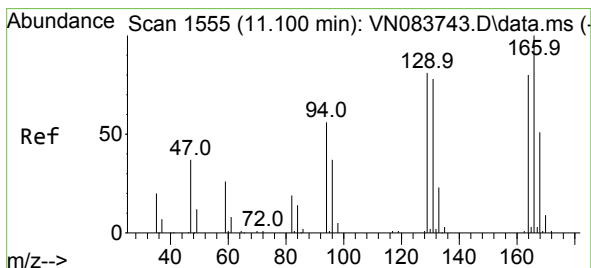
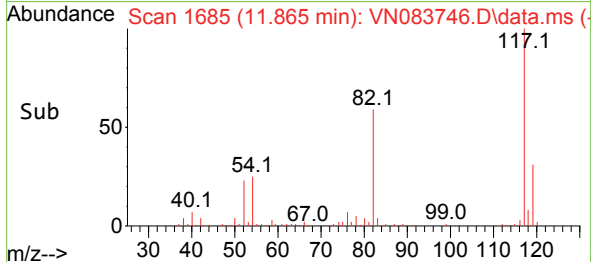
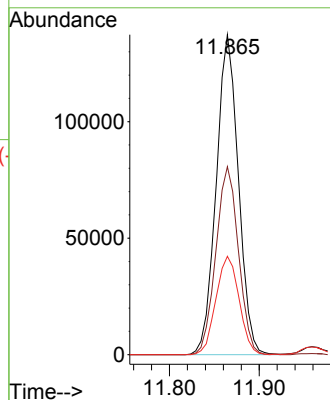
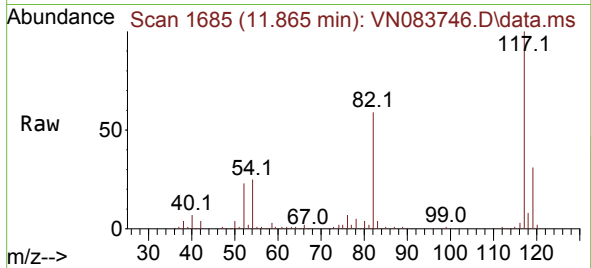




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

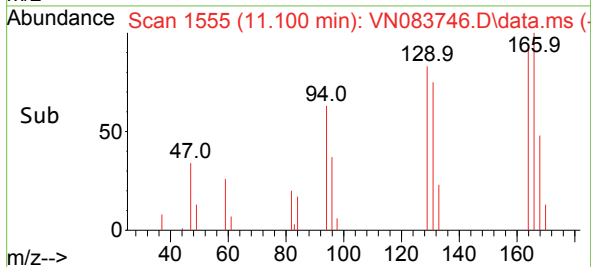
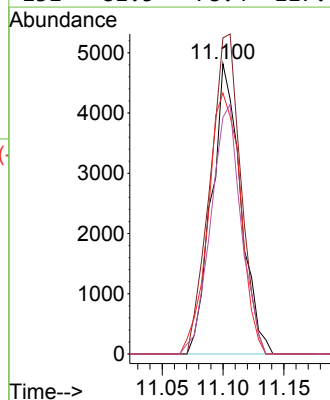
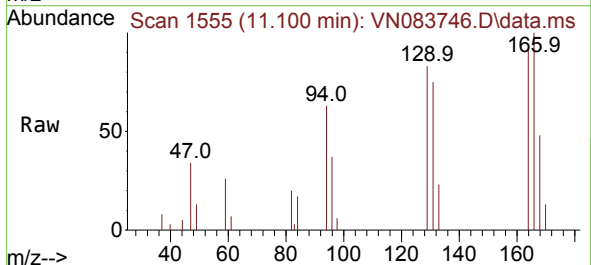
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

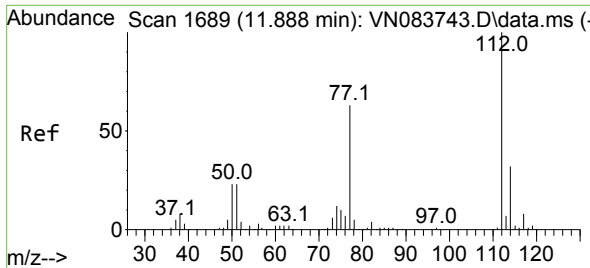
Tgt Ion:117 Resp: 235735
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.0
119 30.7 26.3 39.5



#64
Tetrachloroethene
Concen: 5.116 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion:164 Resp: 8021
Ion Ratio Lower Upper
164 100
166 108.8 103.7 155.5
129 89.8 79.9 119.9
131 81.5 78.4 117.6

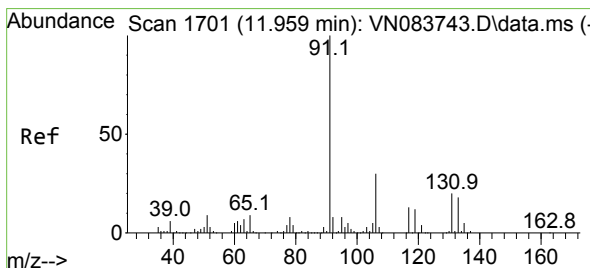
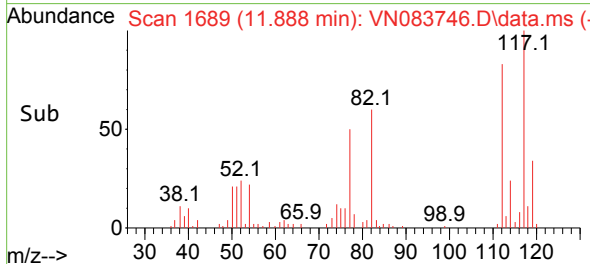
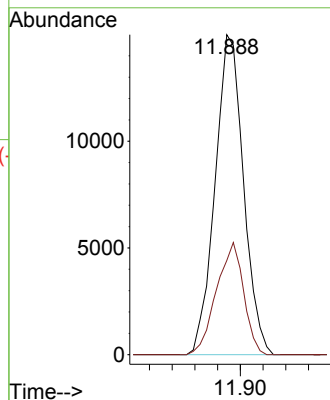
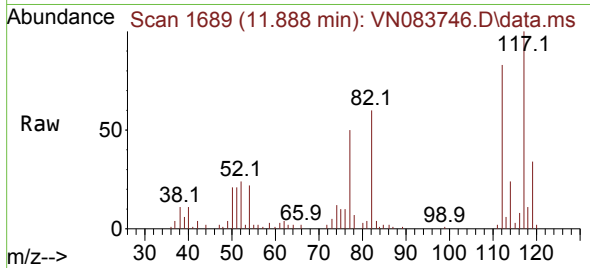




#65
Chlorobenzene
Concen: 4.973 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

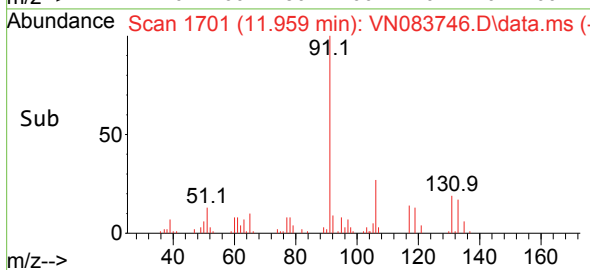
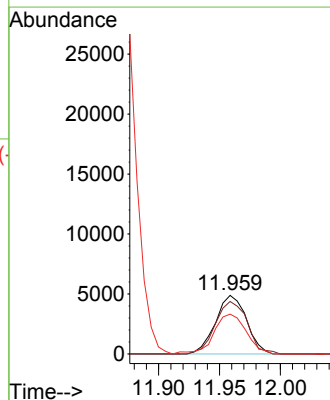
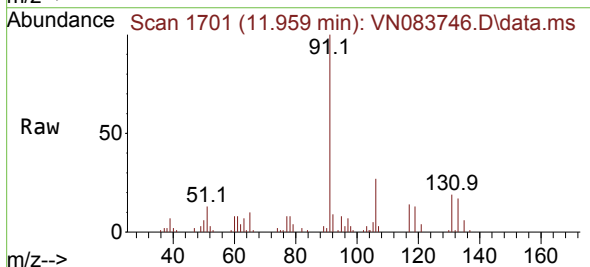
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

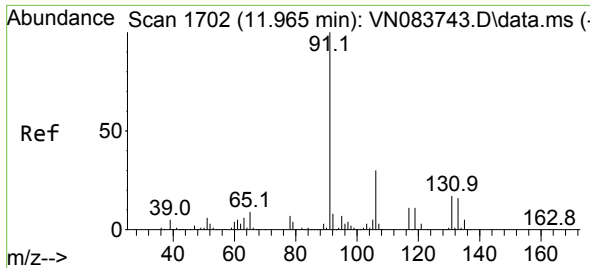
Tgt Ion:112 Resp: 26054
Ion Ratio Lower Upper
112 100
114 29.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 4.760 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion:131 Resp: 8646
Ion Ratio Lower Upper
131 100
133 92.2 47.5 142.6
119 70.7 31.6 94.8

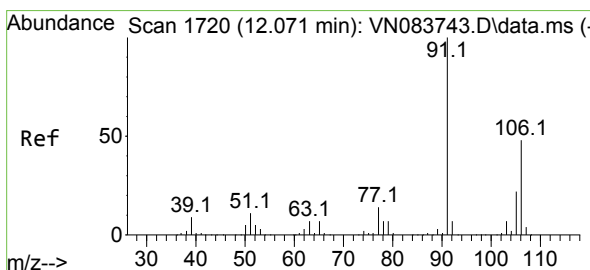
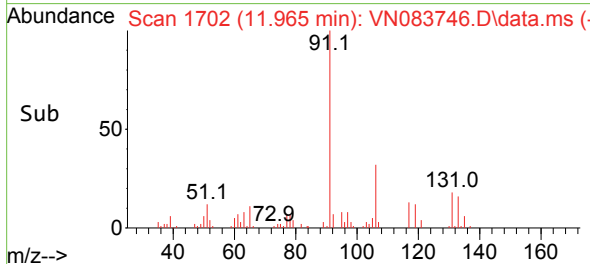
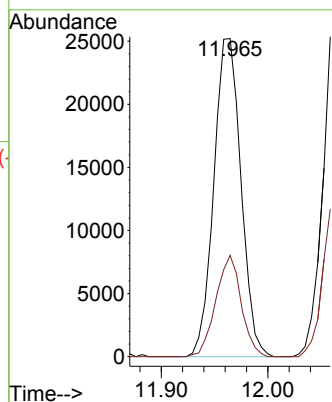
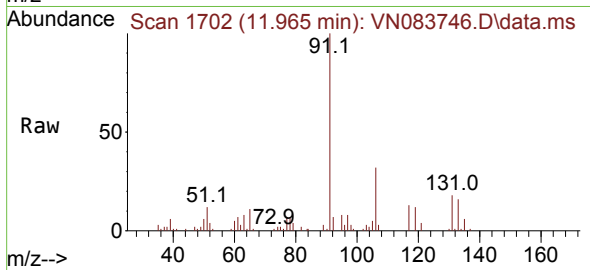




#67
Ethyl Benzene
Concen: 4.785 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

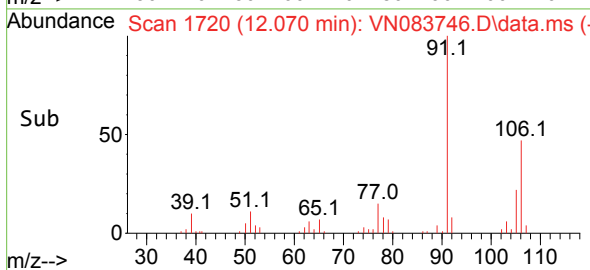
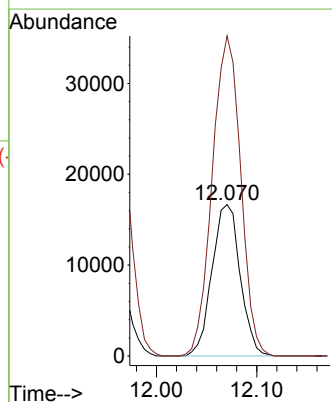
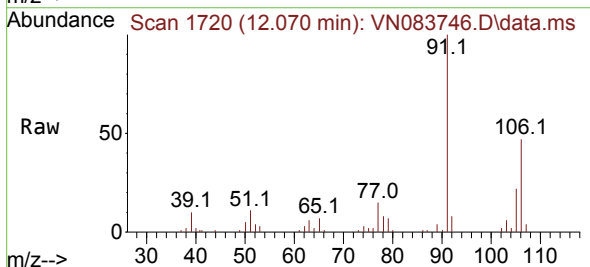
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

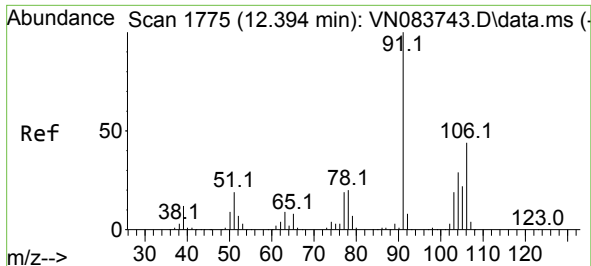
Tgt Ion: 91 Resp: 44539
Ion Ratio Lower Upper
91 100
106 31.8 24.3 36.5



#68
m/p-Xylenes
Concen: 9.387 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion:106 Resp: 32437
Ion Ratio Lower Upper
106 100
91 213.6 169.2 253.8





#69

o-Xylene

Concen: 4.706 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

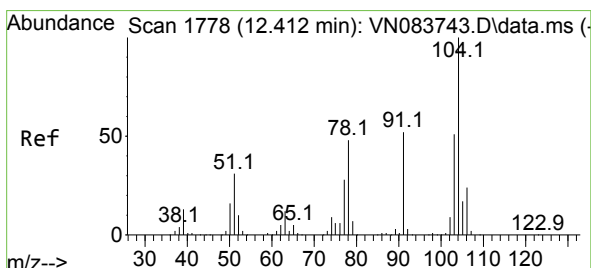
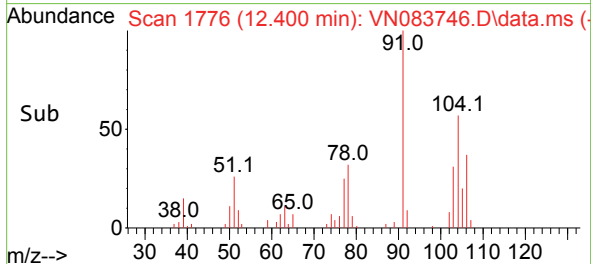
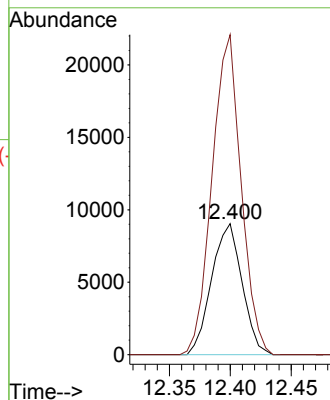
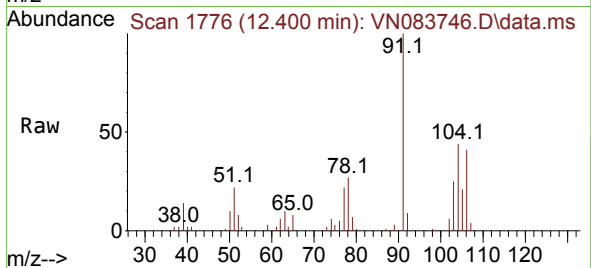
VSTDICC005

Tgt Ion:106 Resp: 15741

Ion Ratio Lower Upper

106 100

91 232.9 112.9 338.6



#70

Styrene

Concen: 4.604 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

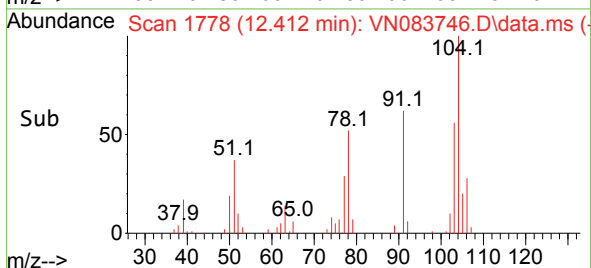
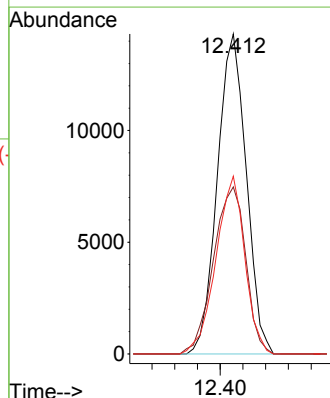
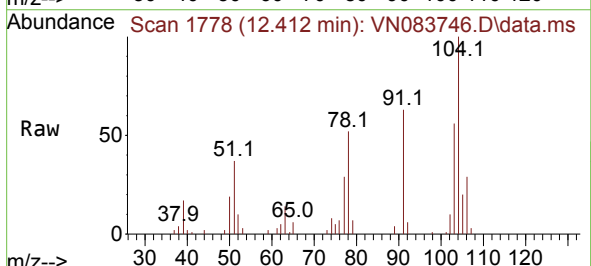
Tgt Ion:104 Resp: 25276

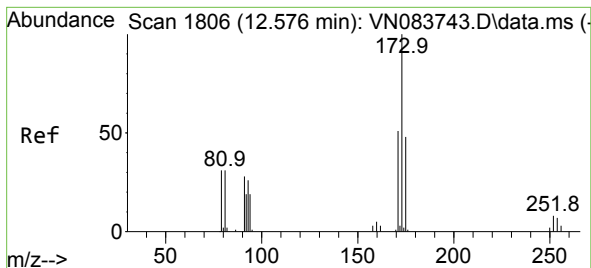
Ion Ratio Lower Upper

104 100

78 58.2 43.3 64.9

103 55.5 43.4 65.2





#71

Bromoform

Concen: 4.953 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN083746.D

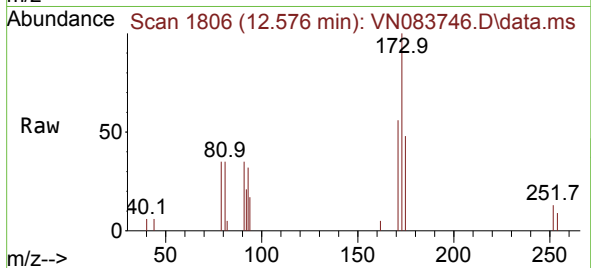
Acq: 10 Sep 2024 10:44

Instrument :

MSVOA_N

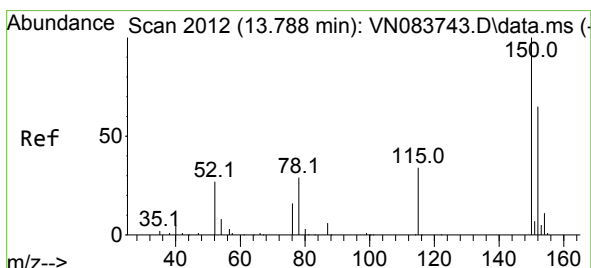
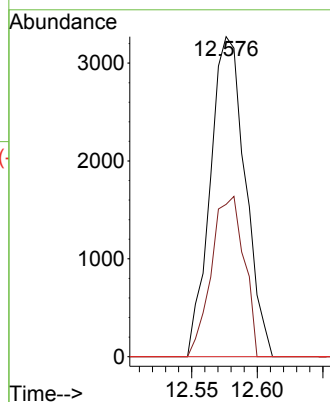
ClientSampleId :

VSTDICC005



Tgt Ion:173 Resp: 6062

Ion	Ratio	Lower	Upper
173	100		
175	46.8	24.1	72.2
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

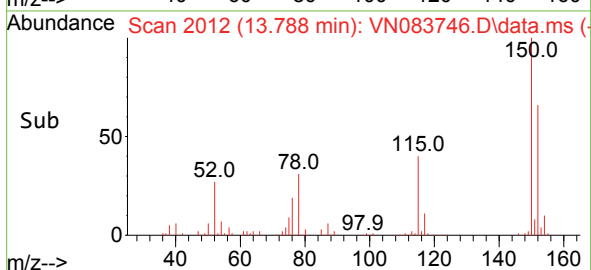
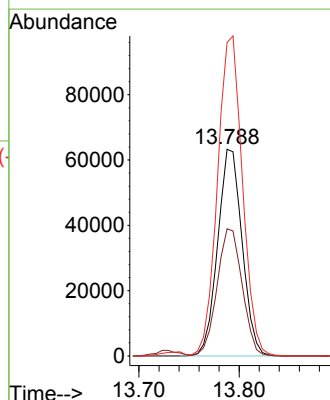
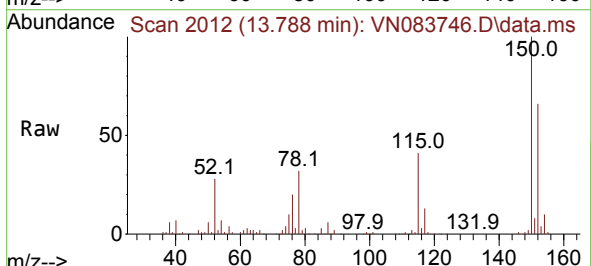
Delta R.T. -0.000 min

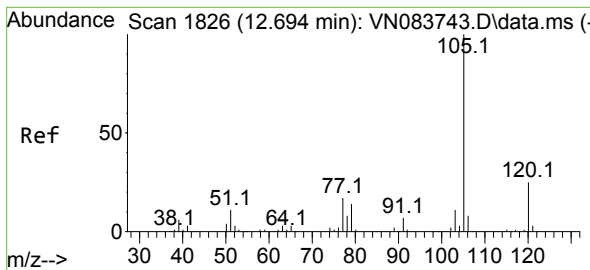
Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

Tgt Ion:152 Resp: 107014

Ion	Ratio	Lower	Upper
152	100		
115	63.2	32.2	96.6
150	158.1	0.0	348.6





#73

Isopropylbenzene

Concen: 4.923 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

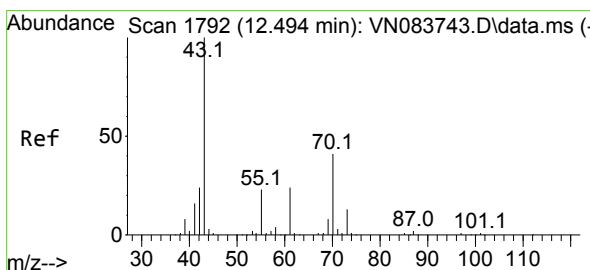
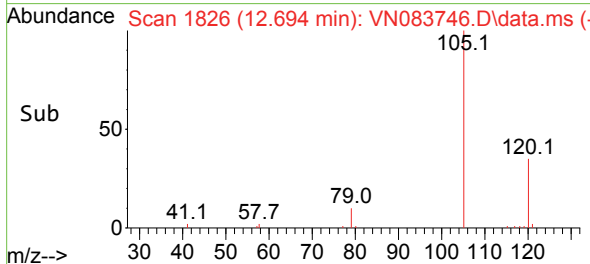
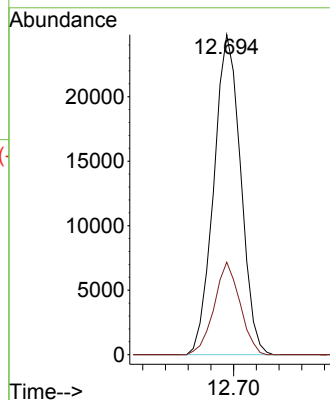
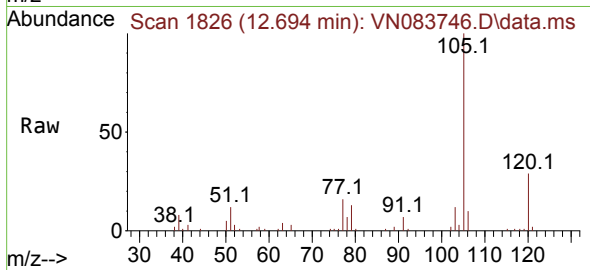
VSTDICC005

Tgt Ion:105 Resp: 40756

Ion Ratio Lower Upper

105 100

120 27.8 12.6 37.8



#74

N-ethyl acetate

Concen: 4.903 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

Tgt Ion: 43 Resp: 17318

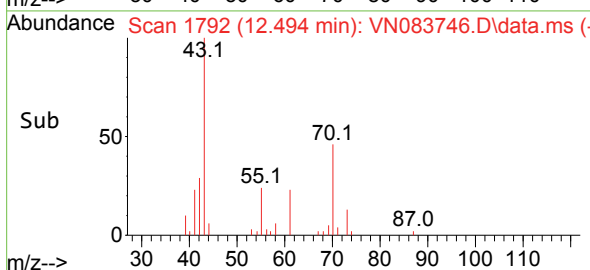
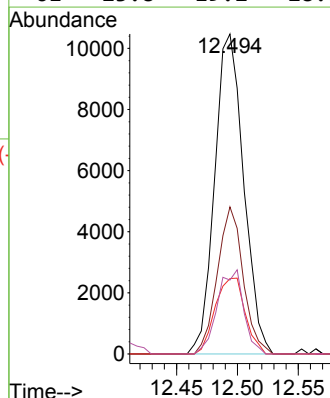
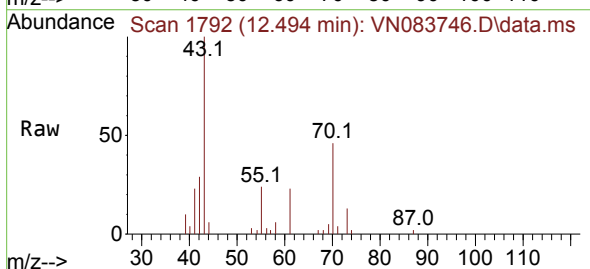
Ion Ratio Lower Upper

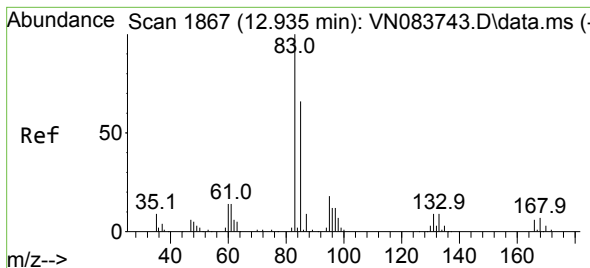
43 100

70 41.1 34.5 51.7

55 24.5 18.6 28.0

61 23.8 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 5.197 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

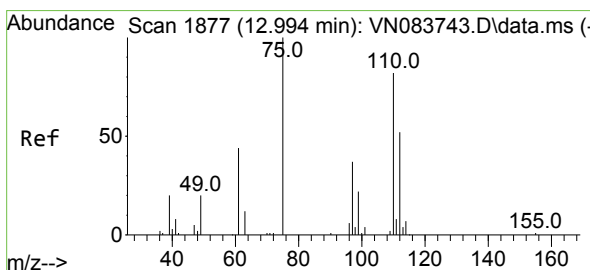
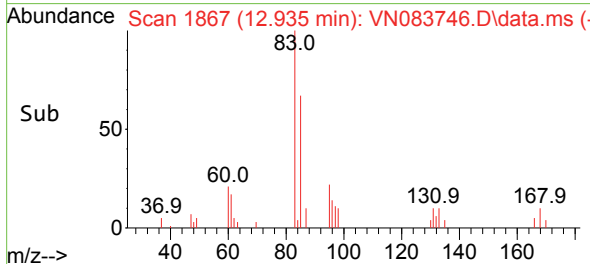
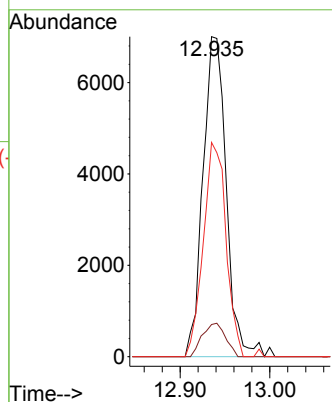
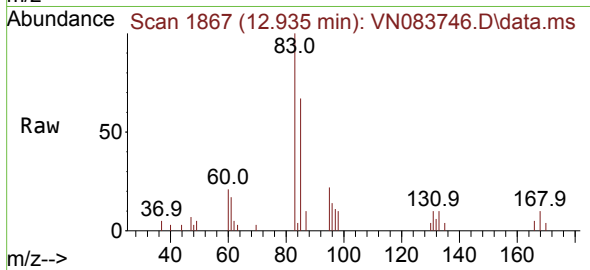
Tgt Ion: 83 Resp: 12643

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

85 65.0 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 7.734 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN083746.D

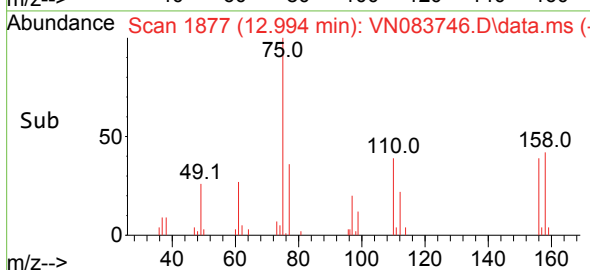
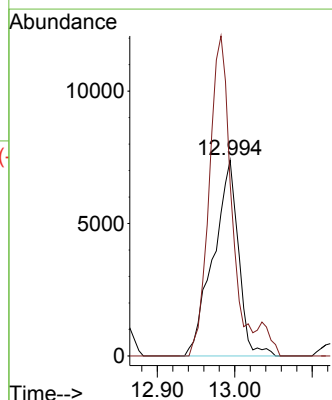
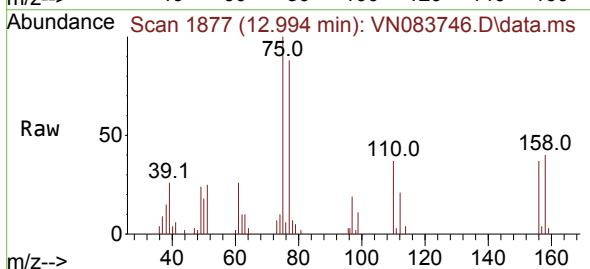
Acq: 10 Sep 2024 10:44

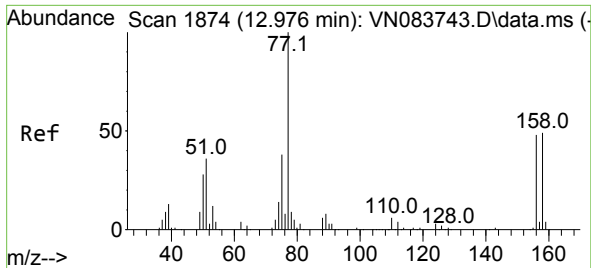
Tgt Ion: 75 Resp: 16701

Ion Ratio Lower Upper

75 100

77 142.5 95.2 285.6

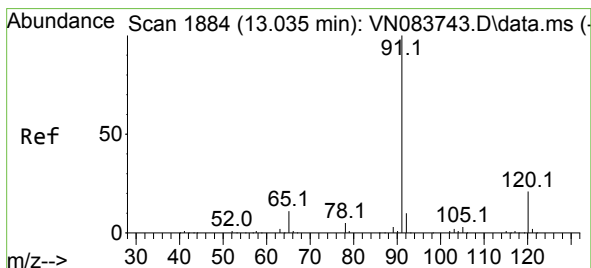
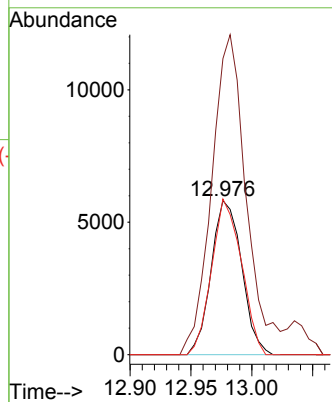
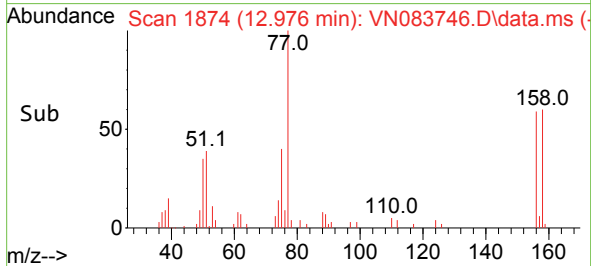
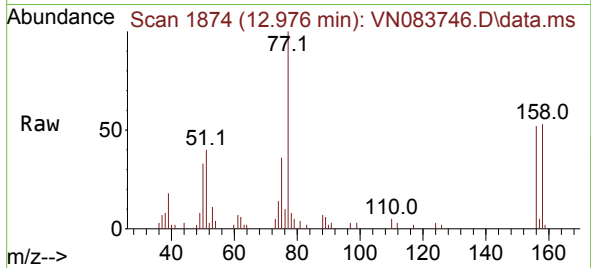




#77
Bromobenzene
Concen: 5.087 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

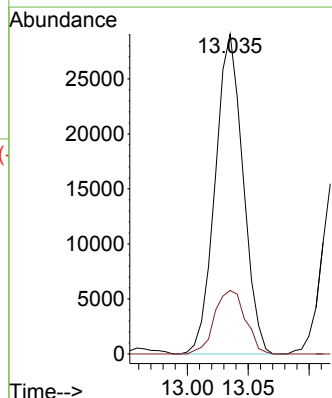
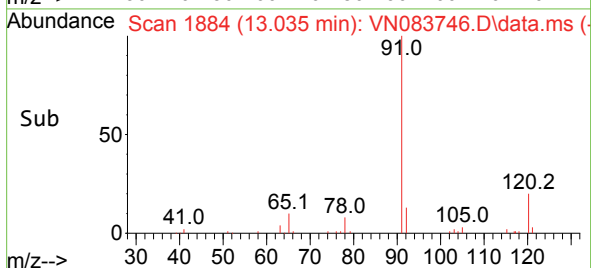
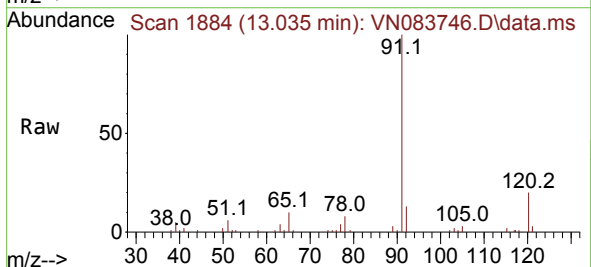
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

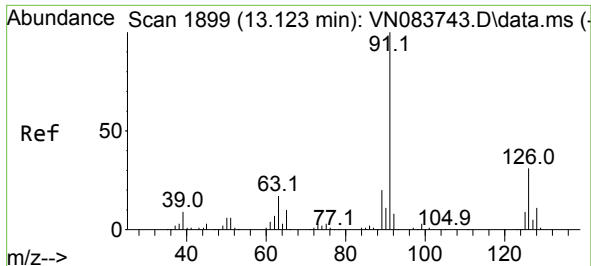
Tgt Ion:156 Resp: 10137
Ion Ratio Lower Upper
156 100
77 234.7 114.3 343.1
158 99.0 48.9 146.7



#78
n-propylbenzene
Concen: 4.799 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion: 91 Resp: 46229
Ion Ratio Lower Upper
91 100
120 22.1 11.0 33.0

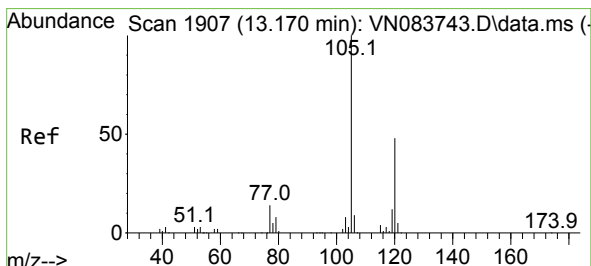
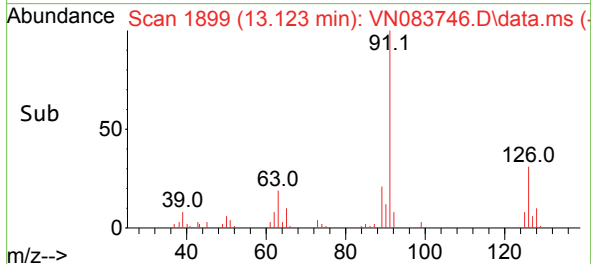
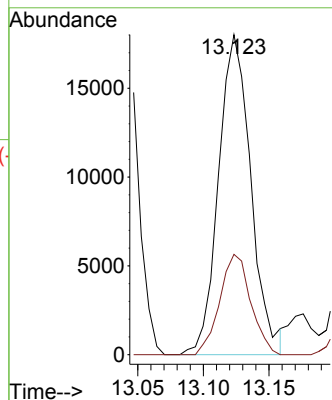
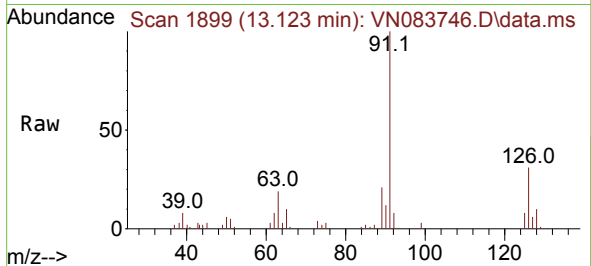




#79
2-Chlorotoluene
Concen: 5.030 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

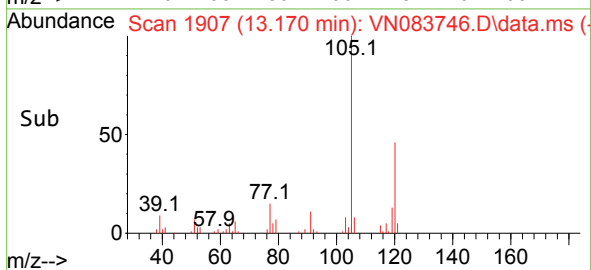
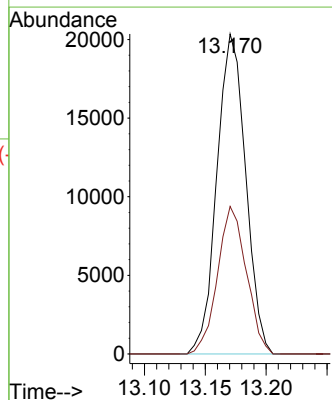
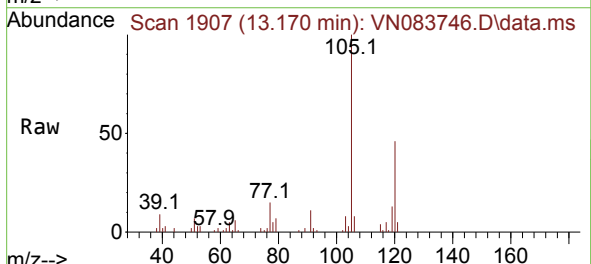
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

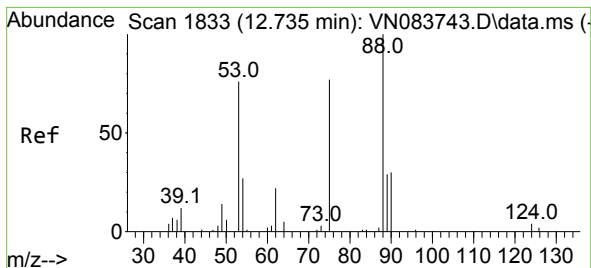
Tgt Ion: 91 Resp: 30899
Ion Ratio Lower Upper
91 100
126 30.1 15.4 46.2



#80
1,3,5-Trimethylbenzene
Concen: 4.786 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion: 105 Resp: 33407
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.3

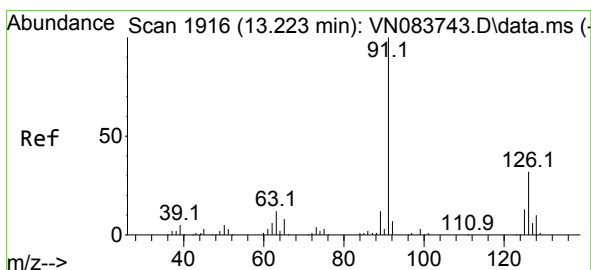
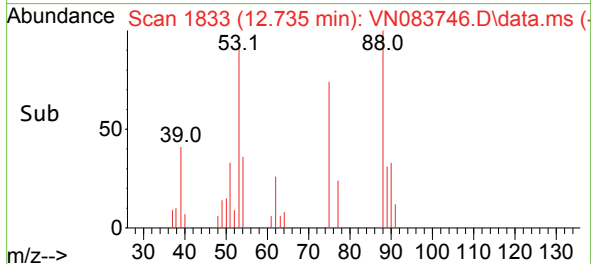
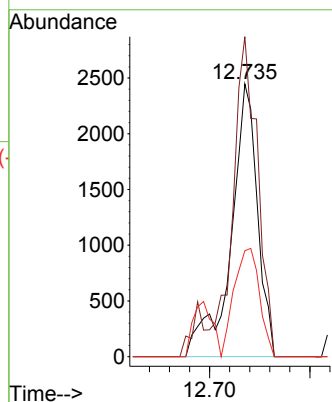
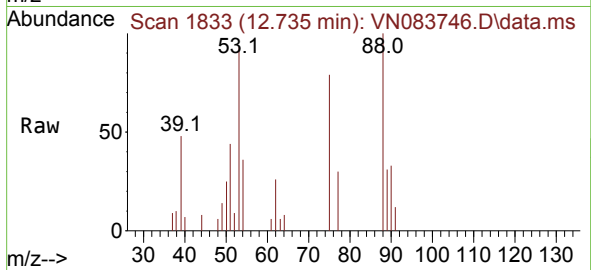




#81
trans-1,4-Dichloro-2-butene
Concen: 5.441 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

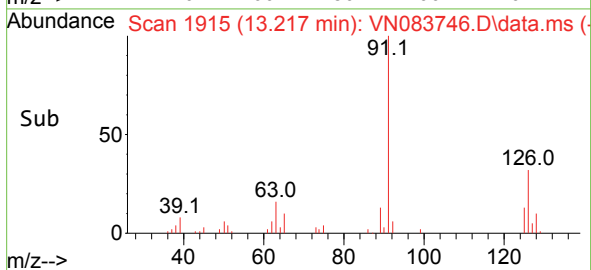
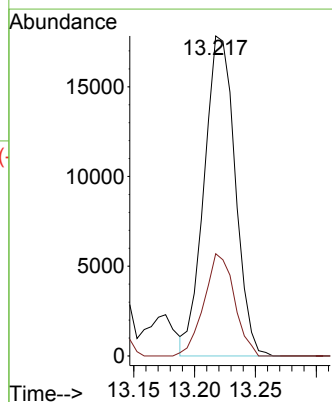
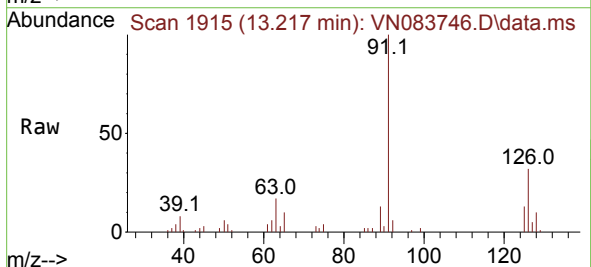
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

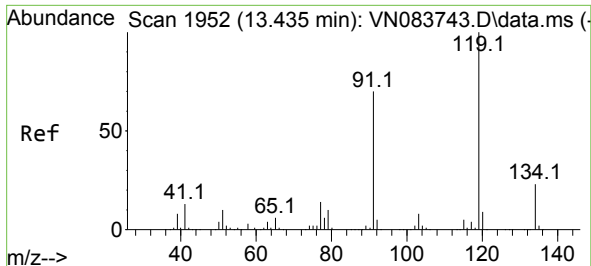
Tgt Ion: 75 Resp: 4486
Ion Ratio Lower Upper
75 100
53 108.5 81.2 121.8
89 38.2 35.7 53.5



#82
4-Chlorotoluene
Concen: 5.126 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion: 91 Resp: 31603
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.2

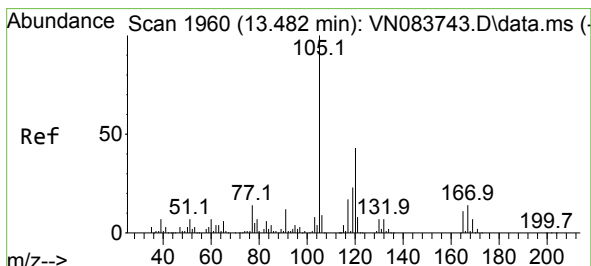
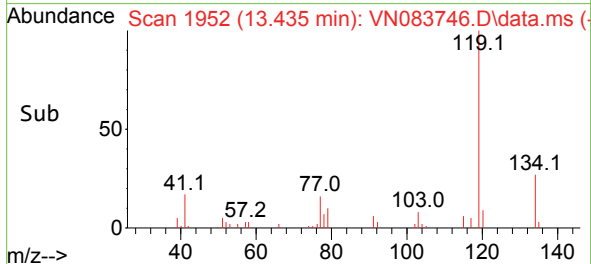
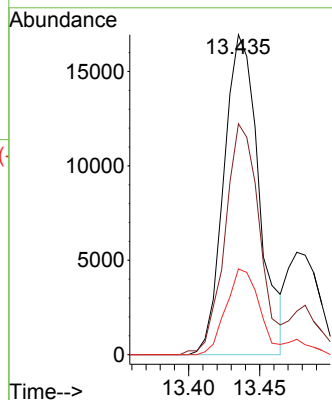
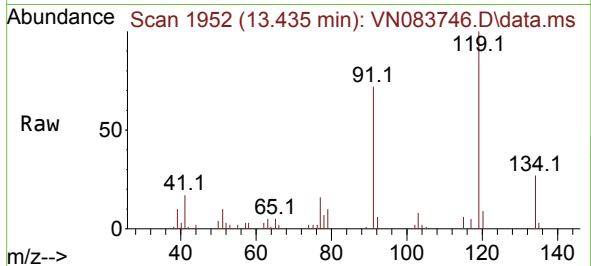




#83
tert-Butylbenzene
Concen: 4.777 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

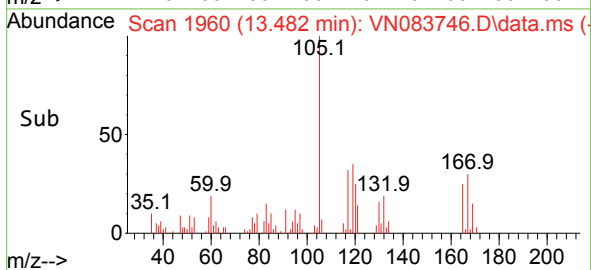
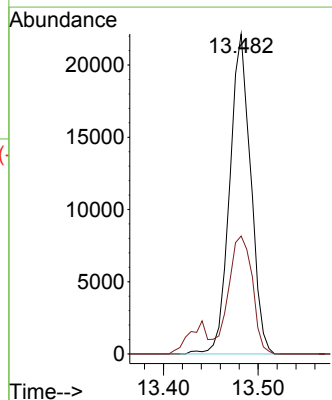
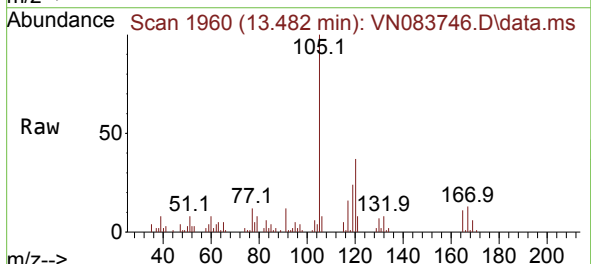
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

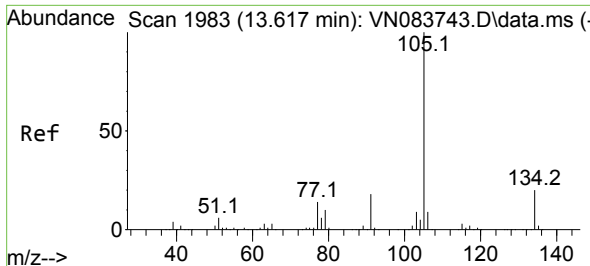
Tgt Ion	Resp	Ion	Ratio	Lower	Upper
119	29174	119	100		
91		91	70.7	34.5	103.6
134		134	25.5	12.8	38.4



#84
1,2,4-Trimethylbenzene
Concen: 4.860 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion	Resp	Ion	Ratio	Lower	Upper
105	34076	105	100		
120		120	41.6	21.8	65.4

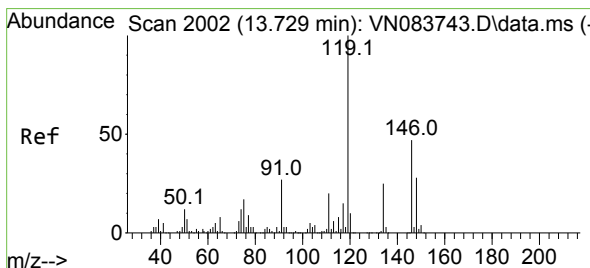
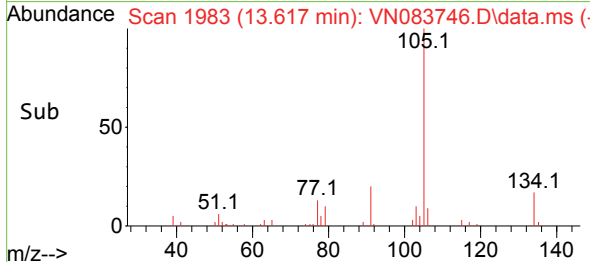
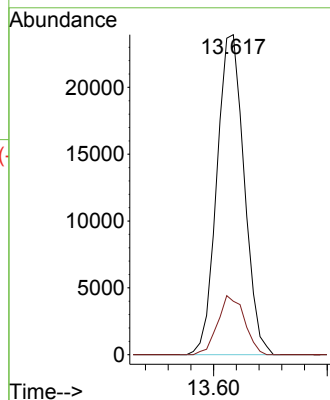
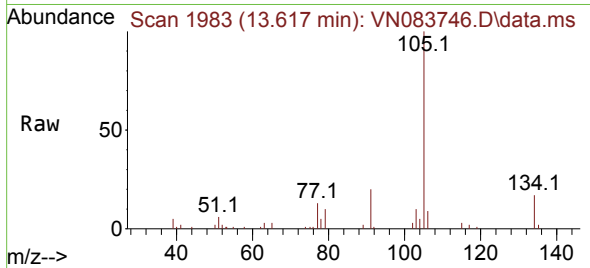




#85
 sec-Butylbenzene
 Concen: 4.934 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083746.D
 Acq: 10 Sep 2024 10:44

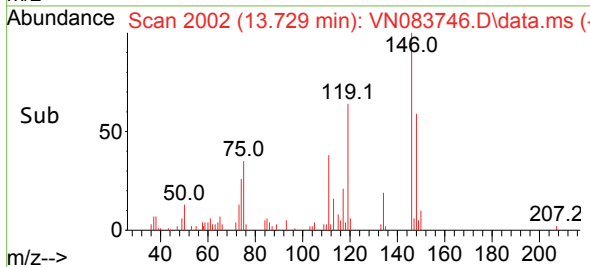
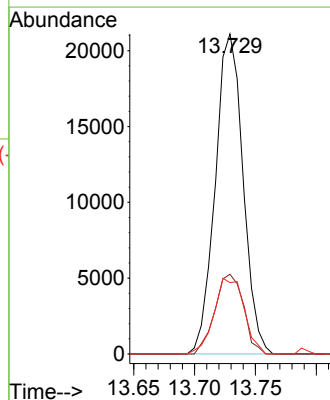
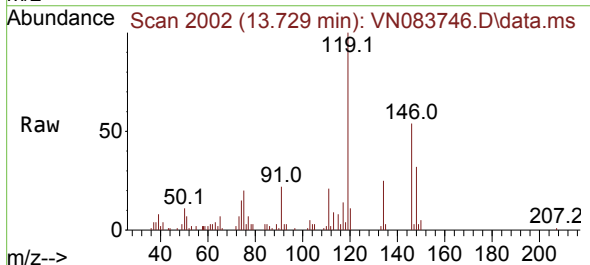
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

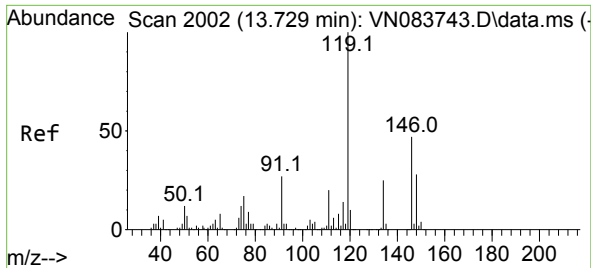
Tgt Ion:105 Resp: 39964
 Ion Ratio Lower Upper
 105 100
 134 18.0 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 4.931 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083746.D
 Acq: 10 Sep 2024 10:44

Tgt Ion:119 Resp: 33478
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 25.6 12.9 38.7

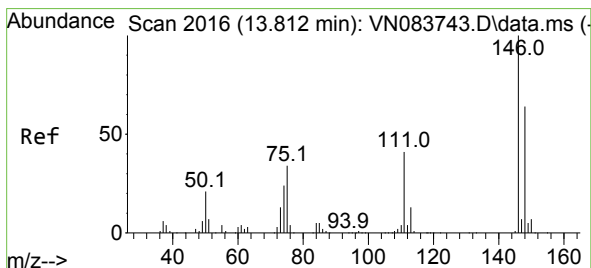
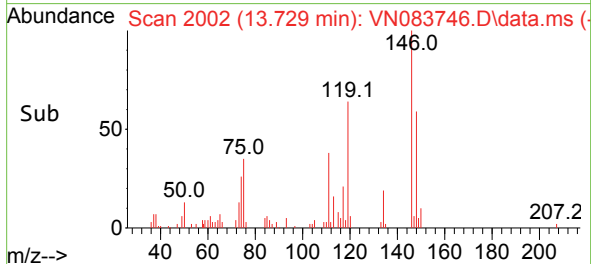
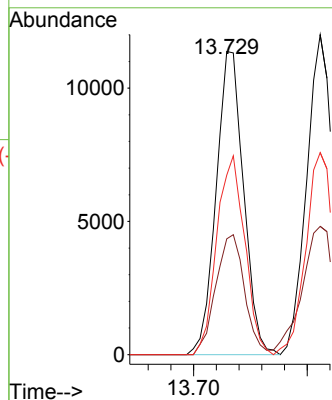
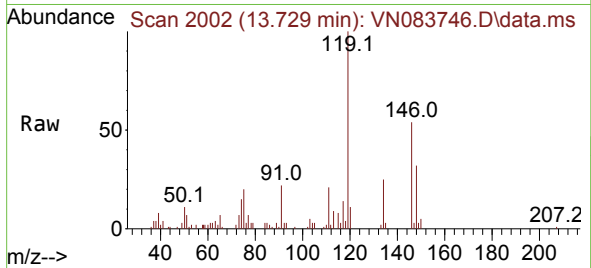




#87
1,3-Dichlorobenzene
Concen: 5.079 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

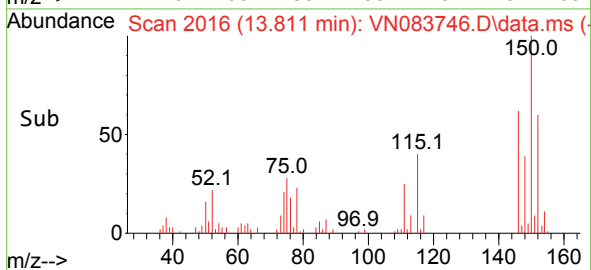
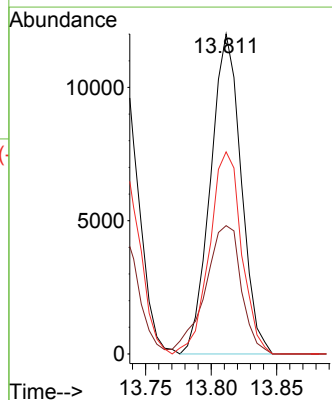
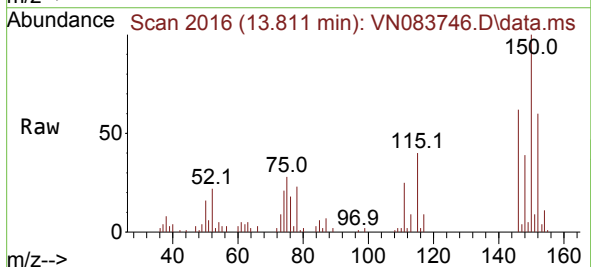
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

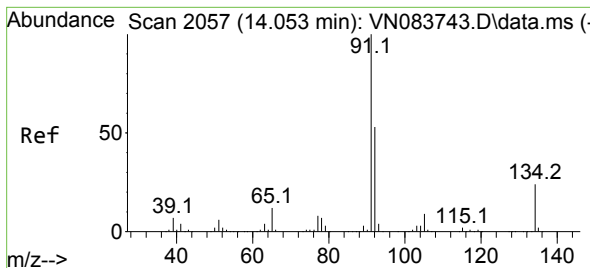
Tgt Ion:146 Resp: 19101
Ion Ratio Lower Upper
146 100
111 41.4 21.7 65.1
148 66.8 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 5.126 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion:146 Resp: 19522
Ion Ratio Lower Upper
146 100
111 47.4 21.3 64.0
148 65.9 32.0 96.2





#89

n-Butylbenzene

Concen: 4.718 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

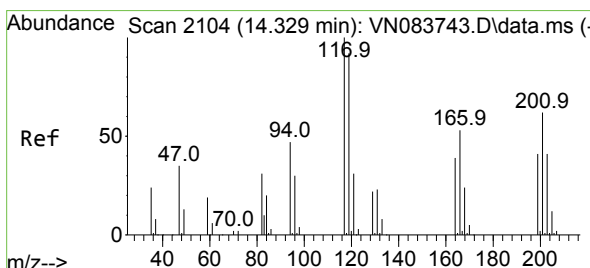
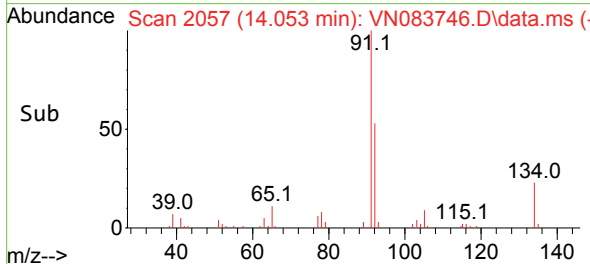
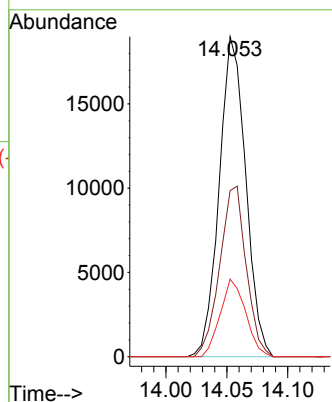
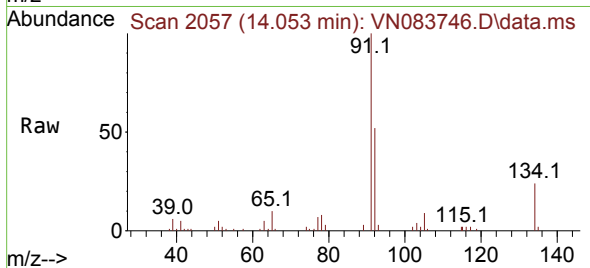
Tgt Ion: 91 Resp: 28757

Ion Ratio Lower Upper

91 100

92 53.2 26.7 80.1

134 23.3 12.2 36.4



#90

Hexachloroethane

Concen: 4.910 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN083746.D

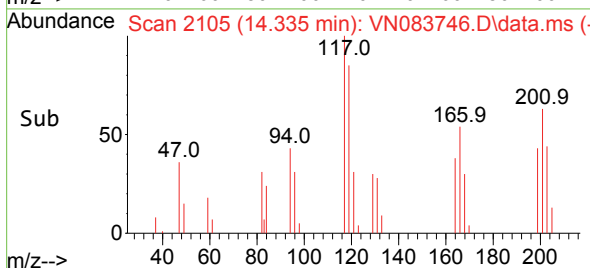
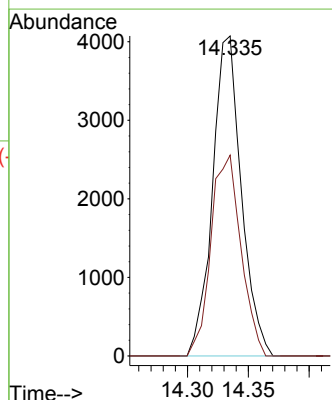
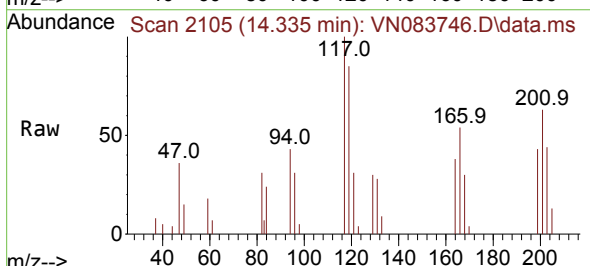
Acq: 10 Sep 2024 10:44

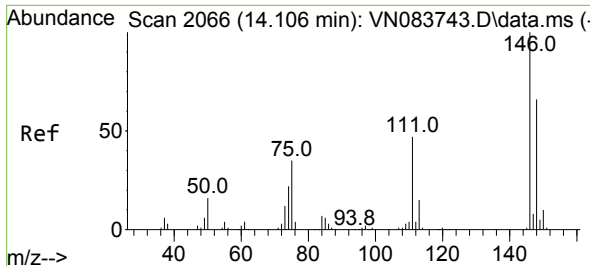
Tgt Ion: 117 Resp: 6701

Ion Ratio Lower Upper

117 100

201 65.4 32.8 98.3

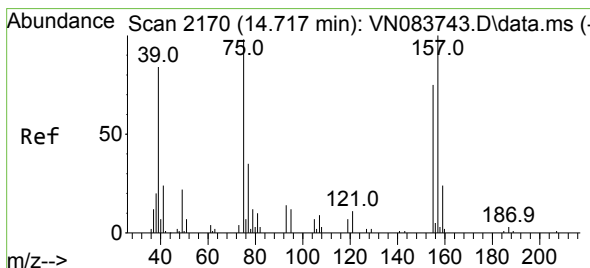
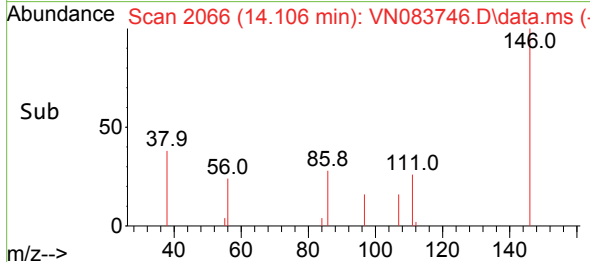
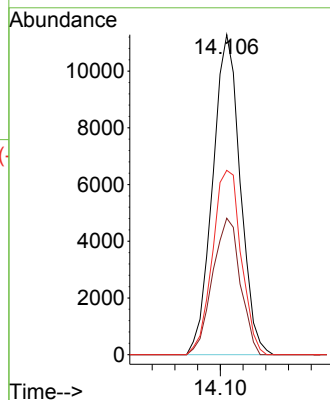
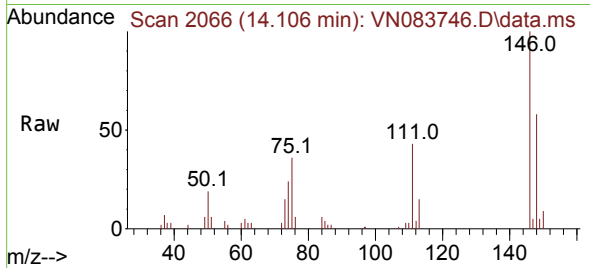




#91
1,2-Dichlorobenzene
Concen: 5.230 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

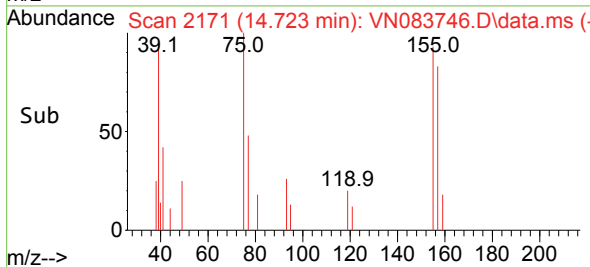
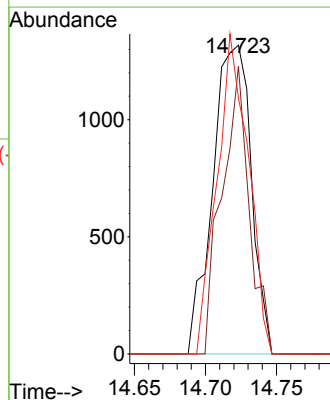
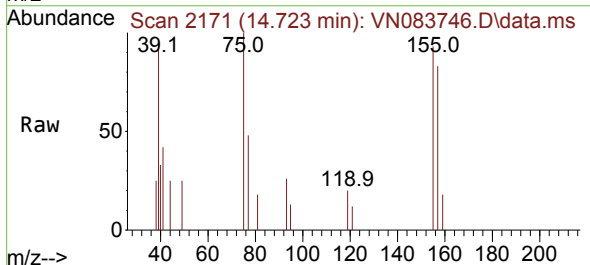
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

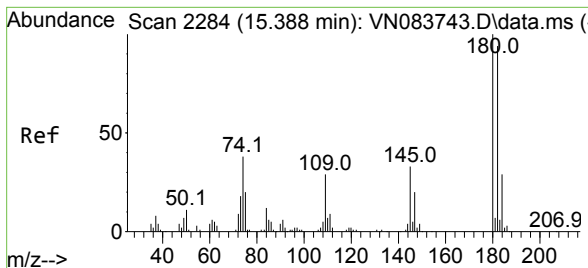
Tgt Ion:	146	Resp:	18983
Ion	Ratio	Lower	Upper
146	100		
111	43.1	22.8	68.3
148	60.0	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.135 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN083746.D
Acq: 10 Sep 2024 10:44

Tgt Ion:	75	Resp:	2490
Ion	Ratio	Lower	Upper
75	100		
155	66.1	35.9	107.7
157	84.5	47.5	142.5





#93

1,2,4-Trichlorobenzene

Concen: 4.983 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

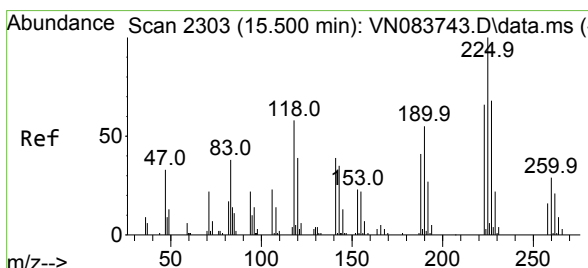
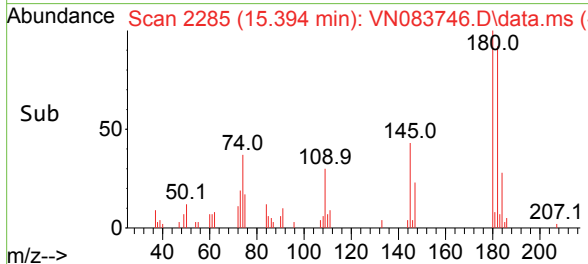
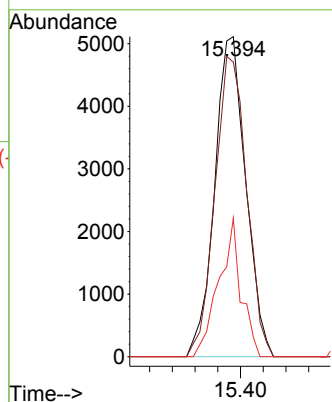
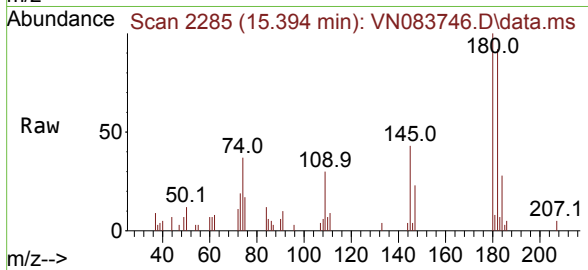
Tgt Ion:180 Resp: 9707

Ion Ratio Lower Upper

180 100

182 95.7 48.1 144.3

145 30.9 16.9 50.7



#94

Hexachlorobutadiene

Concen: 4.821 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

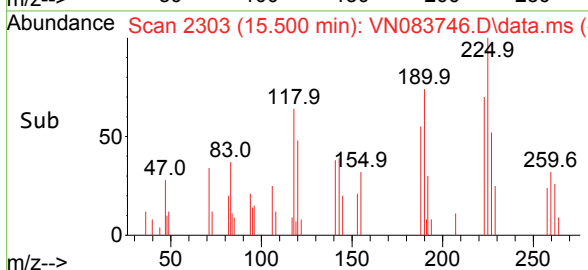
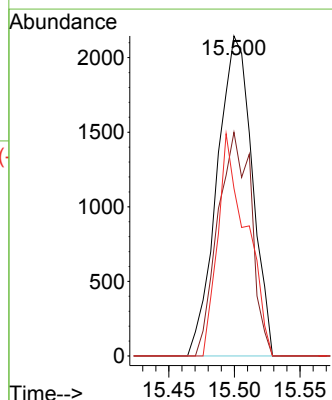
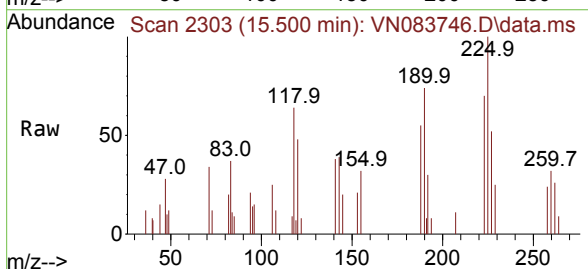
Tgt Ion:225 Resp: 3988

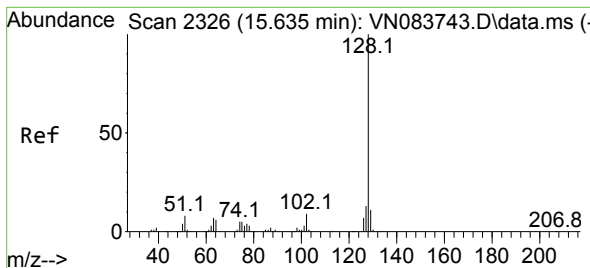
Ion Ratio Lower Upper

225 100

223 66.5 31.9 95.5

227 56.7 32.0 96.2





#95

Naphthalene

Concen: 5.023 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

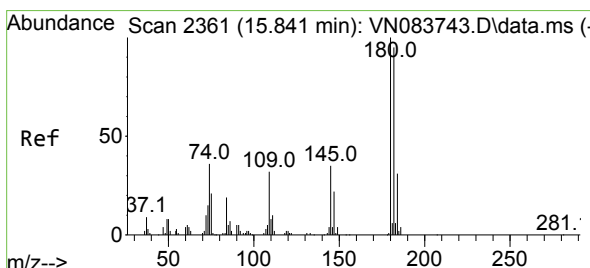
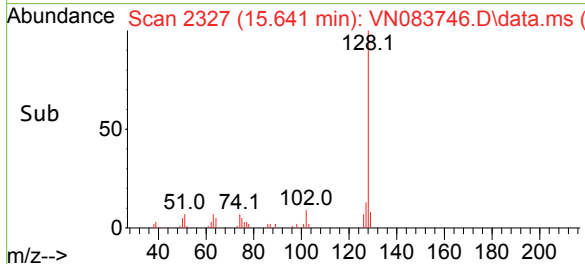
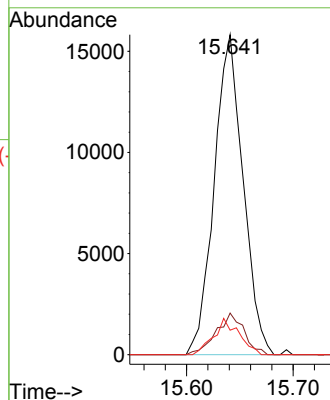
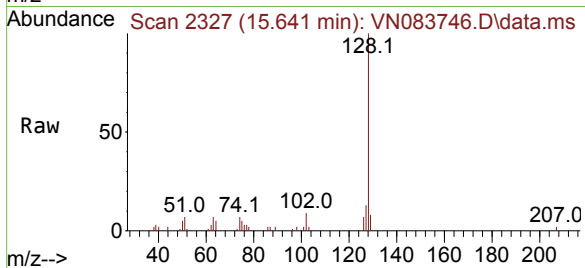
Tgt Ion:128 Resp: 29769

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

129 10.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 5.030 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN083746.D

Acq: 10 Sep 2024 10:44

Tgt Ion:180 Resp: 9363

Ion Ratio Lower Upper

180 100

182 98.5 47.1 141.4

145 36.5 17.8 53.5

