

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101422\
 Data File : VN074901.D
 Acq On : 14 Oct 2022 10:22
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 17 01:10:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101422W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 01:09:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	260361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	461917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	491735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	253172	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	31962	5.070	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	10.140%#
35) Dibromofluoromethane	8.182	113	26294	5.241	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.480%#
50) Toluene-d8	10.571	98	100820	4.871	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	9.740%#
62) 4-Bromofluorobenzene	12.847	95	24508	4.158	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	8.320%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.148	85	26295	5.264	ug/l	86
3) Chloromethane	2.377	50	39305	5.378	ug/l	96
4) Vinyl Chloride	2.536	62	57236	5.447	ug/l #	83
5) Bromomethane	2.924	94	51409	6.112	ug/l	97
6) Chloroethane	3.112	64	66271	8.004	ug/l	92
7) Trichlorofluoromethane	3.506	101	40686	5.367	ug/l #	81
8) Diethyl Ether	3.977	74	19155	5.513	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	26766	5.773	ug/l	93
10) Methyl Iodide	4.600	142	14718	2.774	ug/l #	46
11) Tert butyl alcohol	5.553	59	45662	29.432	ug/l #	83
12) 1,1-Dichloroethene	4.347	96	24484	5.397	ug/l #	67
13) Acrolein	4.194	56	43389	26.430	ug/l #	60
14) Allyl chloride	5.024	41	16084	1.869	ug/l #	12
15) Acrylonitrile	5.741	53	98052	25.850	ug/l	99
16) Acetone	4.459	43	87560	26.946	ug/l	91
17) Carbon Disulfide	4.724	76	62122	5.458	ug/l #	95
18) Methyl Acetate	5.053	43	56566	4.862	ug/l #	74
19) Methyl tert-butyl Ether	5.812	73	90854	5.130	ug/l	94
20) Methylene Chloride	5.300	84	37918	6.183	ug/l #	74
21) trans-1,2-Dichloroethene	5.806	96	27377	5.514	ug/l #	85
22) Diisopropyl ether	6.694	45	104510	5.157	ug/l #	93
23) Vinyl Acetate	6.624	43	378742	25.468	ug/l	96
24) 1,1-Dichloroethane	6.583	63	56887	5.216	ug/l #	93
25) 2-Butanone	7.500	43	135602	25.343	ug/l	93
26) 2,2-Dichloropropane	7.500	77	44835	5.126	ug/l	94
27) cis-1,2-Dichloroethene	7.500	96	31605	5.125	ug/l	91
28) Bromochloromethane	7.818	49	19751	4.312	ug/l	87
29) Tetrahydrofuran	7.847	42	87006	24.769	ug/l	96
30) Chloroform	7.971	83	48885	4.842	ug/l	94
31) Cyclohexane	8.259	56	54268	5.797	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	44079	5.141	ug/l	93
36) 1,1-Dichloropropene	8.382	75	38396	5.220	ug/l #	83
37) Ethyl Acetate	7.577	43	56925	5.214	ug/l	97
38) Carbon Tetrachloride	8.371	117	34229	4.923	ug/l	96
39) Methylcyclohexane	9.606	83	47227	5.325	ug/l #	85
40) Benzene	8.612	78	128638	5.318	ug/l	96

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 ClientSampleId :
 VSTDIC005

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101422W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 01:09:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.806	41	26397	4.911	ug/l	94
42) 1,2-Dichloroethane	8.682	62	41999	5.315	ug/l	99
43) Isopropyl Acetate	8.694	43	82585	4.914	ug/l	98
44) Trichloroethene	9.353	130	25474	5.032	ug/l	86
45) 1,2-Dichloropropane	9.629	63	32102	4.930	ug/l	93
46) Dibromomethane	9.718	93	22033	5.284	ug/l	94
47) Bromodichloromethane	9.888	83	39980	4.997	ug/l	87
48) Methyl methacrylate	9.612	41	41327	5.280	ug/l #	97
49) 1,4-Dioxane	9.706	88	14358	100.687	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	265556	24.573	ug/l	98
52) Toluene	10.629	92	74502	5.142	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	40267	4.605	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	46324	4.969	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	30284	5.203	ug/l	94
56) Ethyl methacrylate	10.876	69	43020	4.618	ug/l #	93
57) 1,3-Dichloropropane	11.165	76	49778	4.716	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	78457	23.658	ug/l	96
59) 2-Hexanone	11.200	43	180961	22.936	ug/l	97
60) Dibromochloromethane	11.359	129	27489	4.713	ug/l	94
61) 1,2-Dibromoethane	11.476	107	27543	4.785	ug/l	85
64) Tetrachloroethene	11.112	164	19208	4.853	ug/l #	80
65) Chlorobenzene	11.894	112	71745	5.056	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	11.965	131	25378	4.769	ug/l	93
67) Ethyl Benzene	11.965	91	132159	5.079	ug/l	97
68) m/p-Xylenes	12.076	106	95670	9.875	ug/l	95
69) o-Xylene	12.400	106	47894	4.840	ug/l	100
70) Styrene	12.417	104	75639	4.819	ug/l	100
71) Bromoform	12.582	173	15538	4.216	ug/l #	90
73) Isopropylbenzene	12.700	105	116086	5.155	ug/l	96
74) N-amyl acetate	12.494	43	62600	5.121	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	46113	5.170	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	57081	8.207	ug/l	70
77) Bromobenzene	12.982	156	25470	5.106	ug/l	87
78) n-propylbenzene	13.041	91	126708	4.929	ug/l	98
79) 2-Chlorotoluene	13.129	91	82569	5.372	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	92886	5.074	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	14308	5.260	ug/l	97
82) 4-Chlorotoluene	13.223	91	72520	5.045	ug/l	99
83) tert-Butylbenzene	13.441	119	89417	5.652	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	88172	4.902	ug/l	97
85) sec-Butylbenzene	13.617	105	113673	4.983	ug/l	98
86) p-Isopropyltoluene	13.735	119	84210	4.645	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	44726	4.780	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	42990	4.656	ug/l	94
89) n-Butylbenzene	14.059	91	72873	4.718	ug/l	96
90) Hexachloroethane	14.335	117	19751	5.075	ug/l	97
91) 1,2-Dichlorobenzene	14.111	146	47502	4.894	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	7995	4.832	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	20244	4.611	ug/l	97
94) Hexachlorobutadiene	15.506	225	10072	4.777	ug/l	83
95) Naphthalene	15.641	128	68760	4.375	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	18030	4.335	ug/l	94

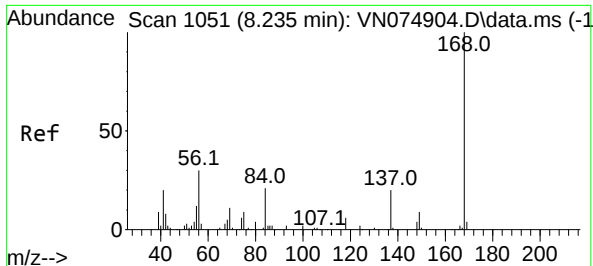
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101422\
Data File : VN074901.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101422W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 17 01:09:09 2022
Response via : Initial Calibration

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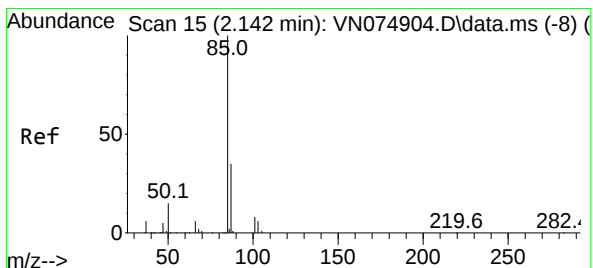
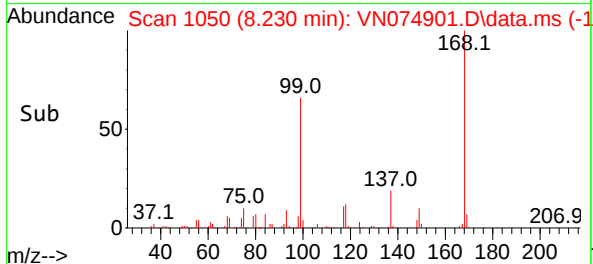
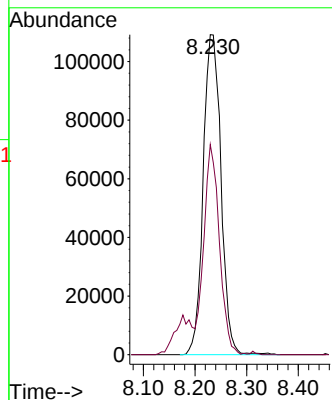
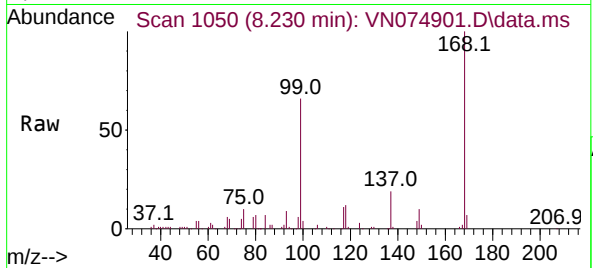
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

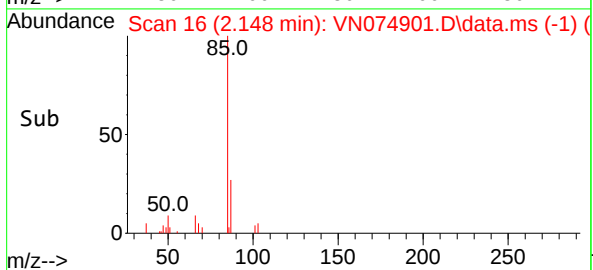
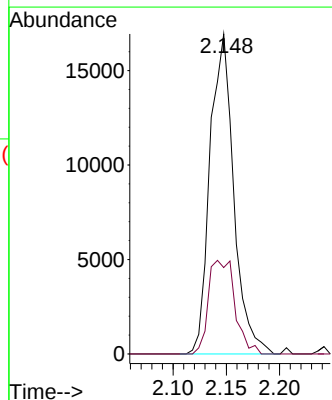
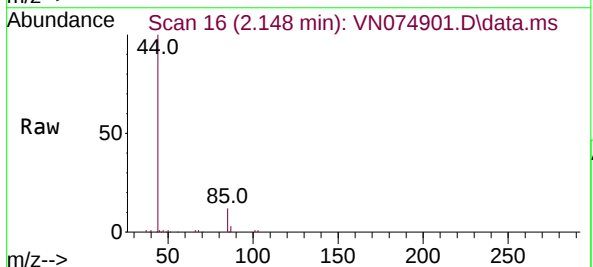
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

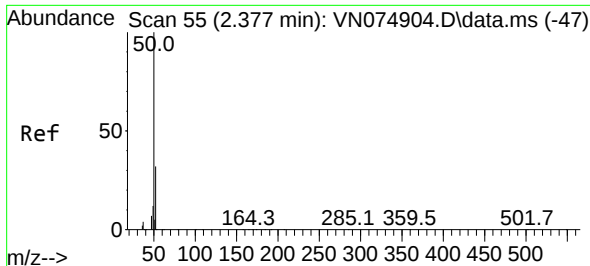
Tgt Ion:168 Resp: 260361
Ion Ratio Lower Upper
168 100
99 65.7 45.8 68.8



#2
Dichlorodifluoromethane
Concen: 5.264 ug/l
RT: 2.148 min Scan# 16
Delta R.T. 0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 85 Resp: 26295
Ion Ratio Lower Upper
85 100
87 27.0 17.5 52.6

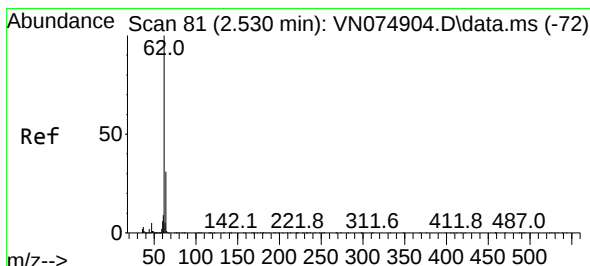
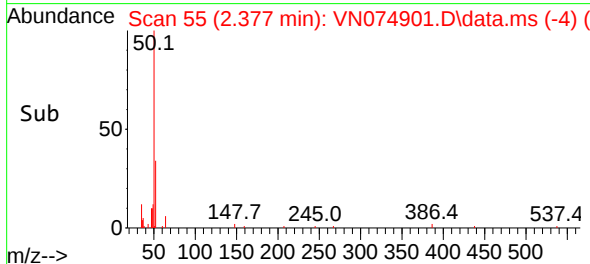
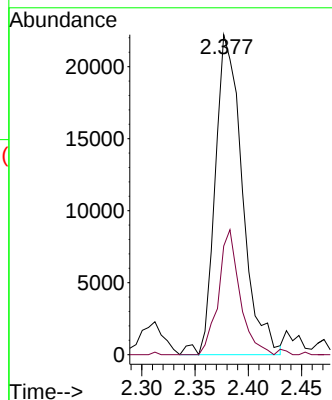
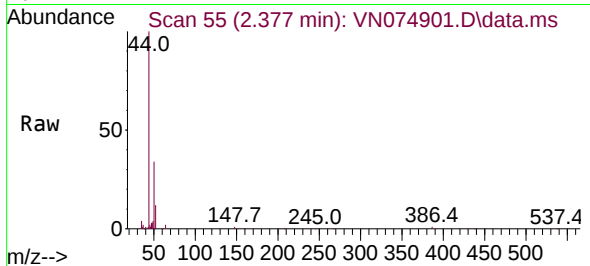




#3
Chloromethane
Concen: 5.378 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

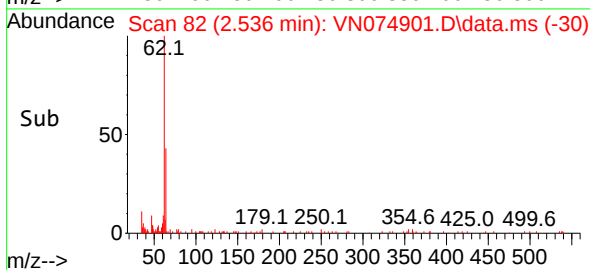
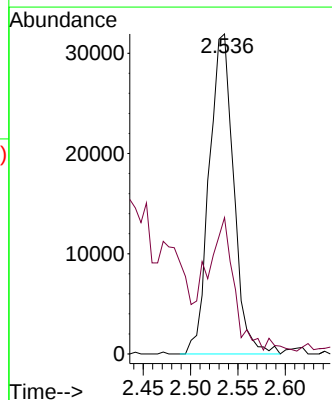
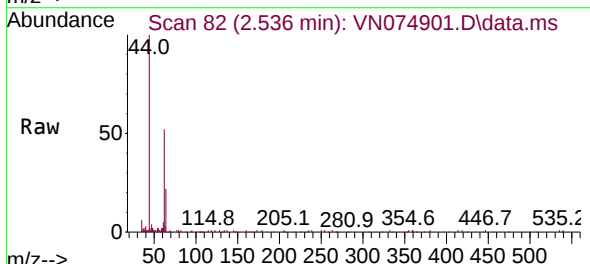
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

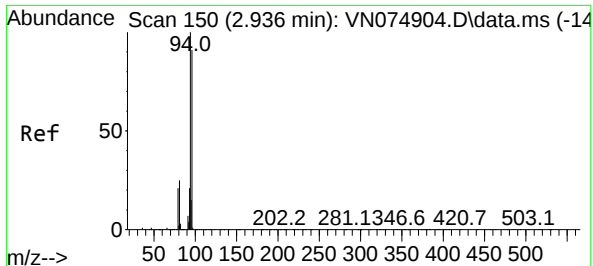
Tgt Ion: 50 Resp: 39305
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.0



#4
Vinyl Chloride
Concen: 5.447 ug/l
RT: 2.536 min Scan# 82
Delta R.T. 0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 62 Resp: 57236
Ion Ratio Lower Upper
62 100
64 40.2 24.8 37.2#

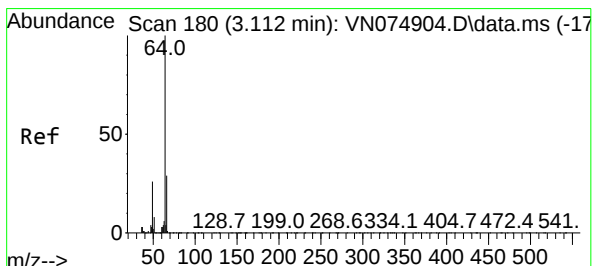
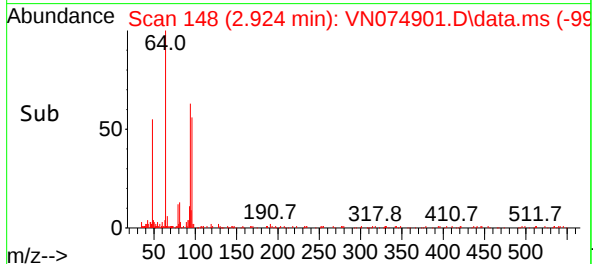
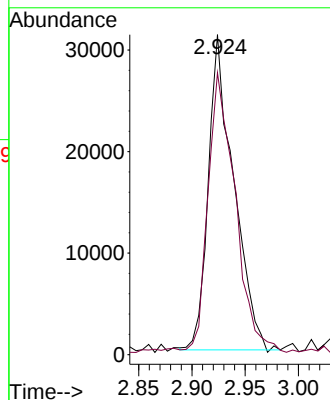
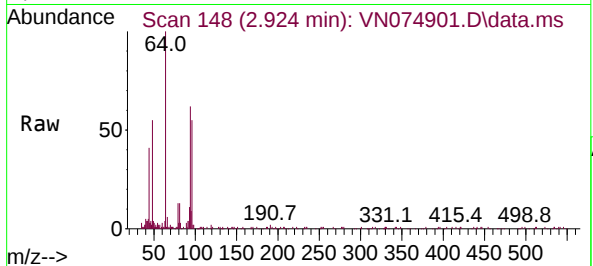




#5
Bromomethane
Concen: 6.112 ug/l
RT: 2.924 min Scan# 14
Delta R.T. -0.012 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

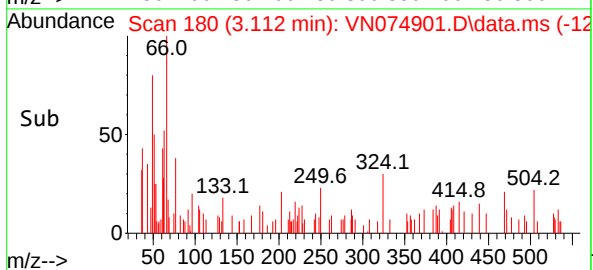
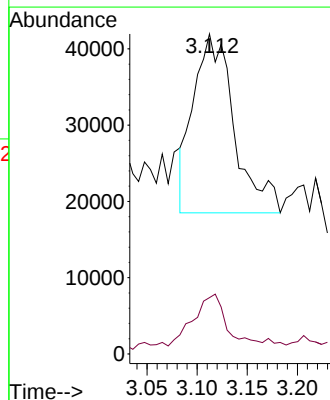
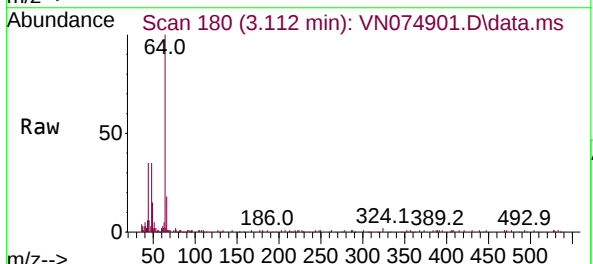
Instrument :
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ClientSampleId :
VSTDIC005

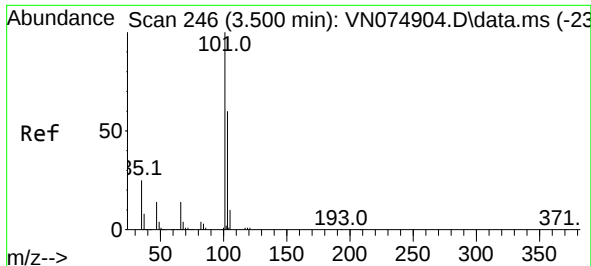
Tgt Ion: 94 Resp: 51409
Ion Ratio Lower Upper
94 100
96 88.0 72.6 109.0



#6
Chloroethane
Concen: 8.004 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 64 Resp: 66271
Ion Ratio Lower Upper
64 100
66 25.1 23.6 35.4

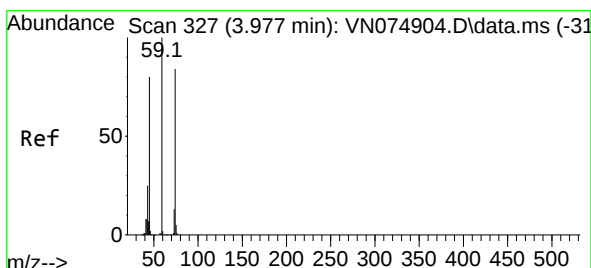
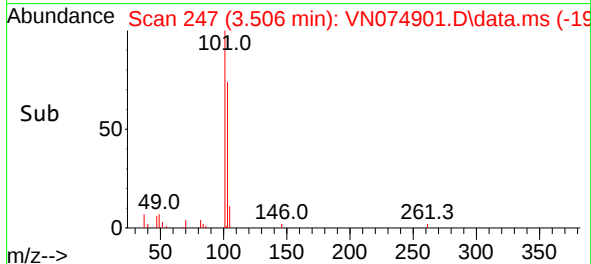
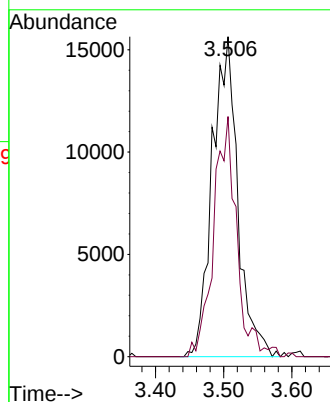
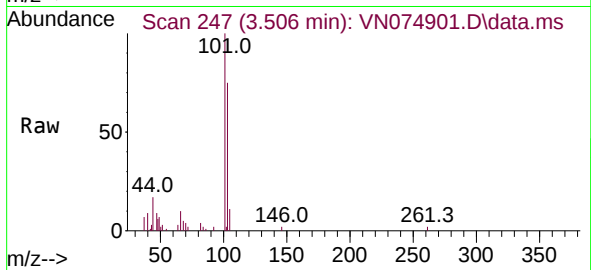




#7
 Trichlorofluoromethane
 Concen: 5.367 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN074901.D
 Acq: 14 Oct 2022 10:22

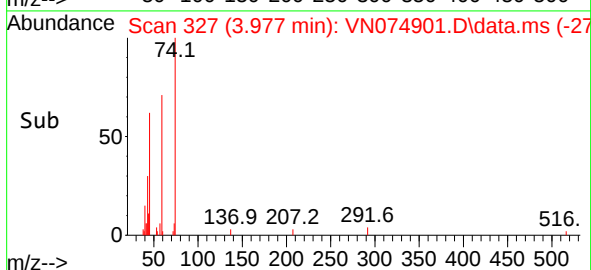
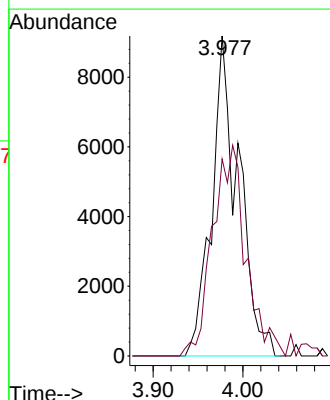
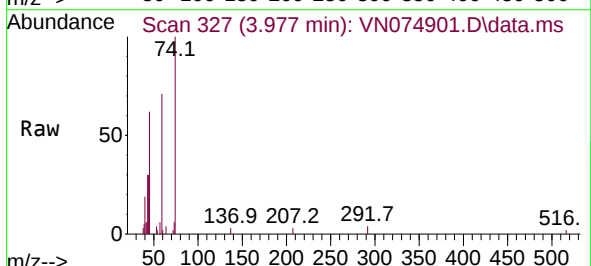
Instrument :
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 ClientSampleId :
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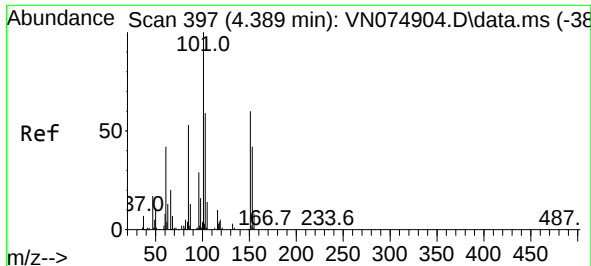
Tgt Ion:101 Resp: 40686
 Ion Ratio Lower Upper
 101 100
 103 75.1 48.3 72.5#



#8
 Diethyl Ether
 Concen: 5.513 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.000 min
 Lab File: VN074901.D
 Acq: 14 Oct 2022 10:22

Tgt Ion: 74 Resp: 19155
 Ion Ratio Lower Upper
 74 100
 45 81.1 49.3 147.9

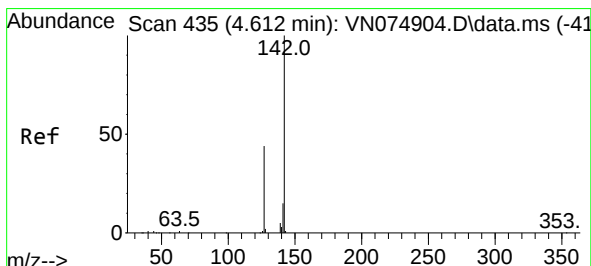
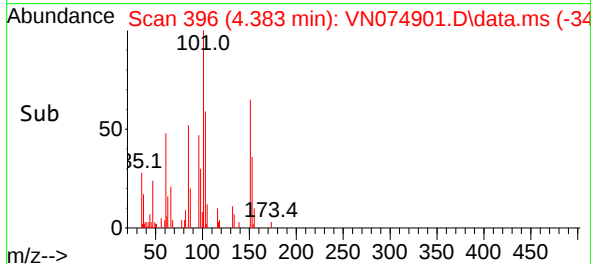
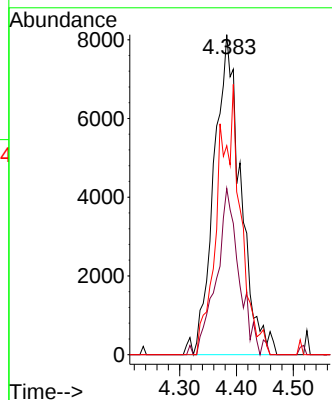
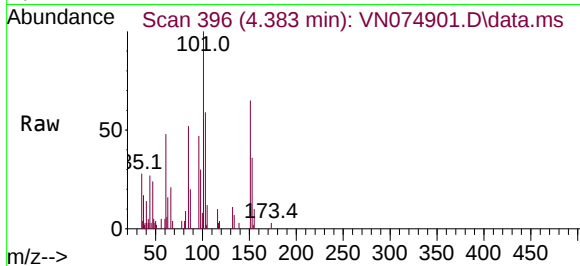




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.773 ug/l
RT: 4.383 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

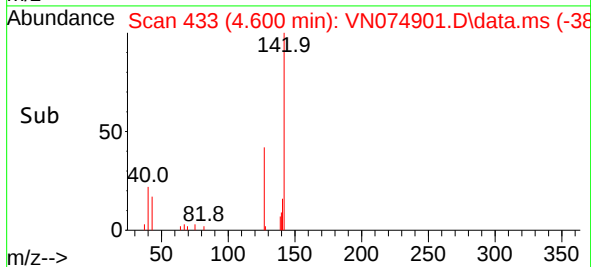
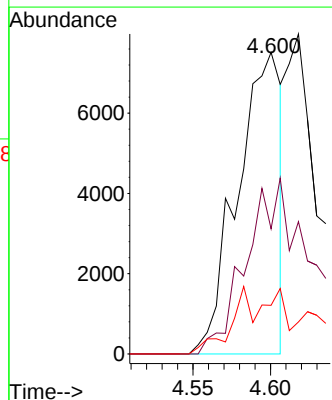
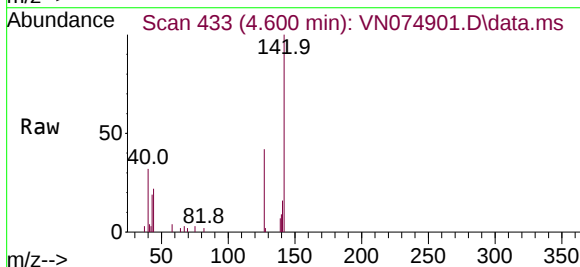
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

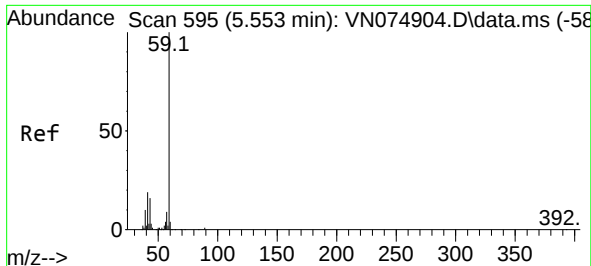
Tgt Ion:101 Resp: 26766
Ion Ratio Lower Upper
101 100
85 42.9 38.6 58.0
151 72.0 53.6 80.4



#10
Methyl Iodide
Concen: 2.774 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.012 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion:142 Resp: 14718
Ion Ratio Lower Upper
142 100
127 83.1 35.4 53.2#
141 0.0 11.8 17.8#

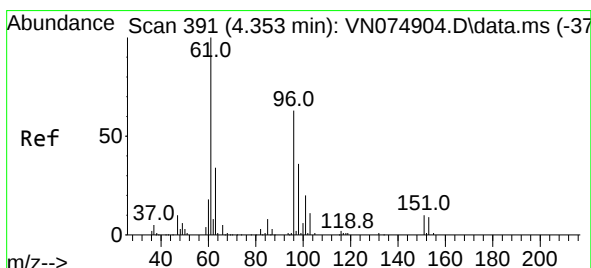
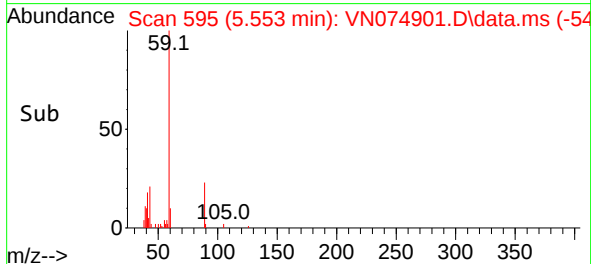
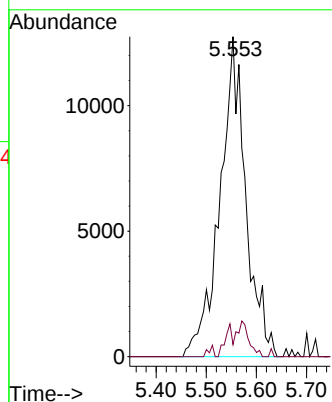
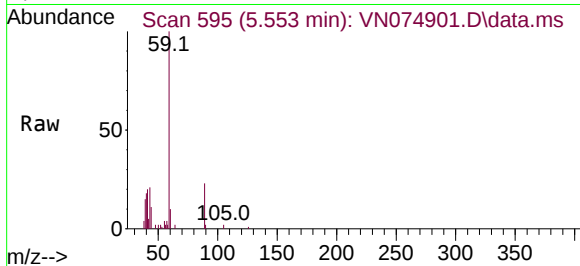




#11
Tert butyl alcohol
Concen: 29.432 ug/l
RT: 5.553 min Scan# 595
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

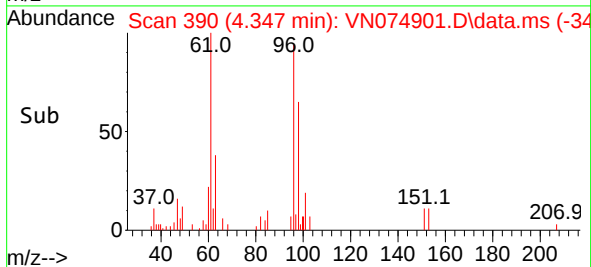
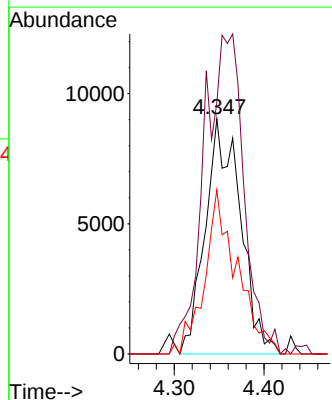
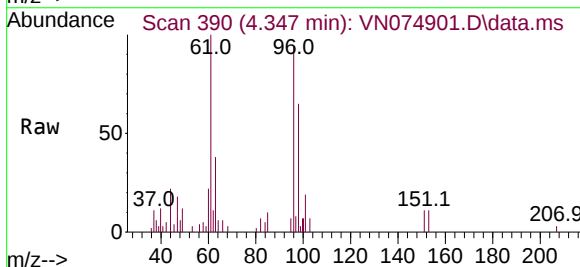
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

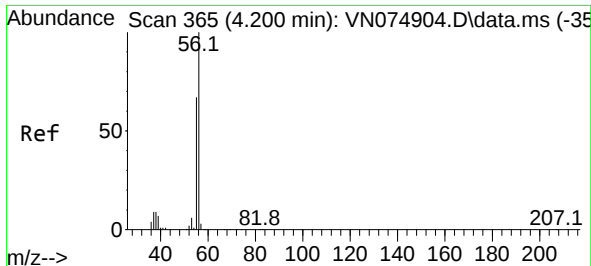
Tgt Ion: 59 Resp: 45662
Ion Ratio Lower Upper
59 100
57 2.8 7.3 10.9#



#12
1,1-Dichloroethene
Concen: 5.397 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 96 Resp: 24484
Ion Ratio Lower Upper
96 100
61 106.8 127.2 190.8#
98 69.8 46.2 69.4#

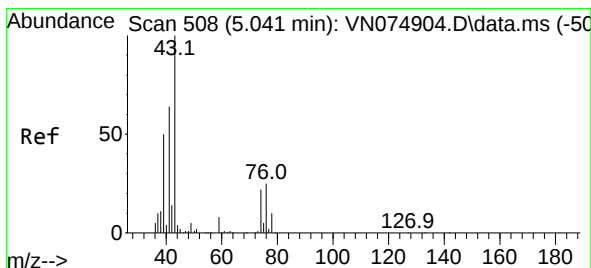
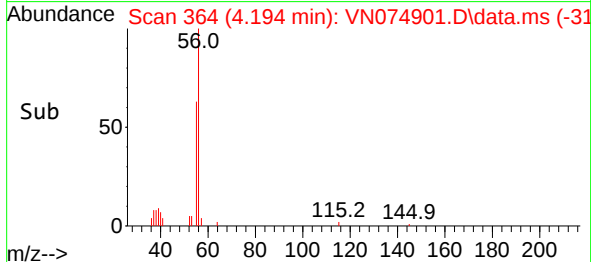
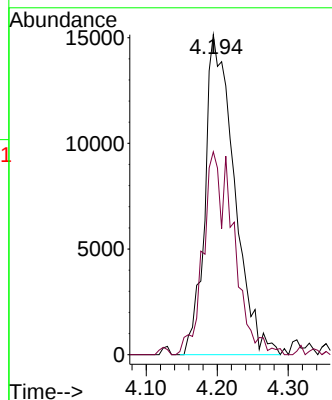
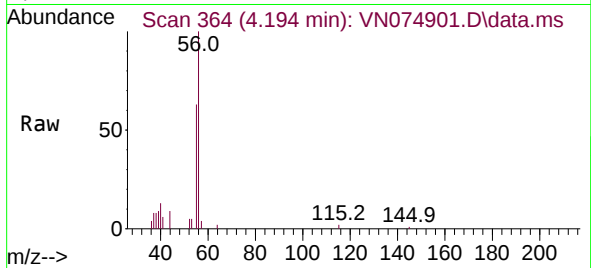




#13
Acrolein
Concen: 26.430 ug/l
RT: 4.194 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

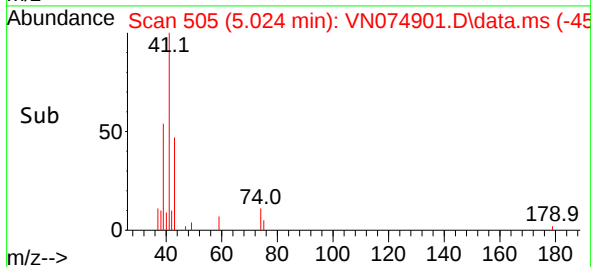
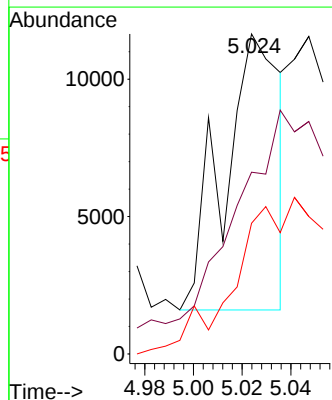
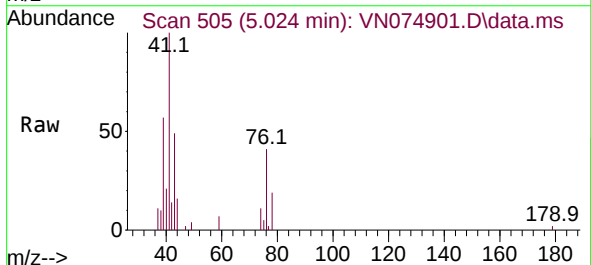
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

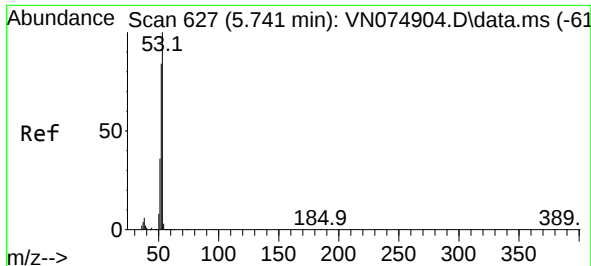
Tgt Ion: 56 Resp: 43389
Ion Ratio Lower Upper
56 100
55 38.6 57.0 85.6#



#14
Allyl chloride
Concen: 1.869 ug/l
RT: 5.024 min Scan# 505
Delta R.T. -0.018 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 41 Resp: 16084
Ion Ratio Lower Upper
41 100
39 191.5 66.1 99.1#
76 49.2 30.9 46.3#

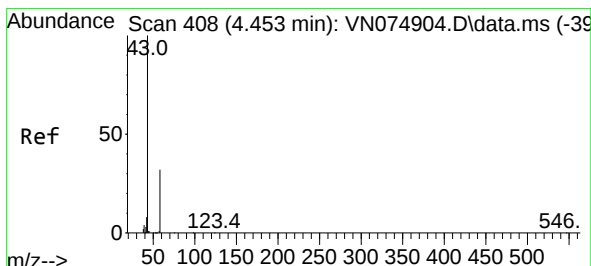
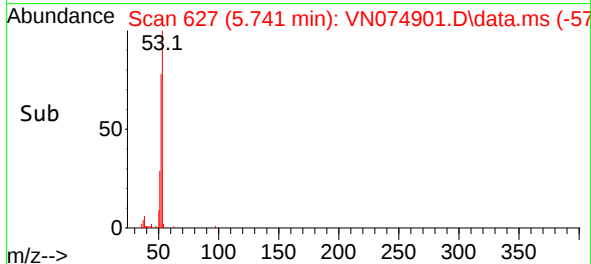
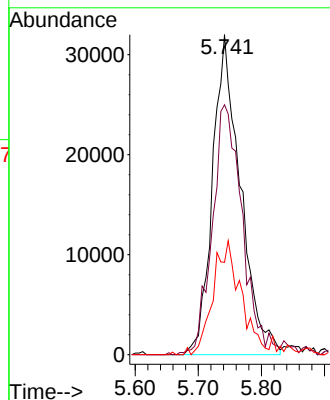
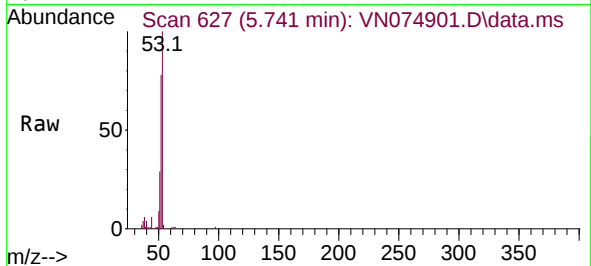




#15
Acrylonitrile
Concen: 25.850 ug/l
RT: 5.741 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

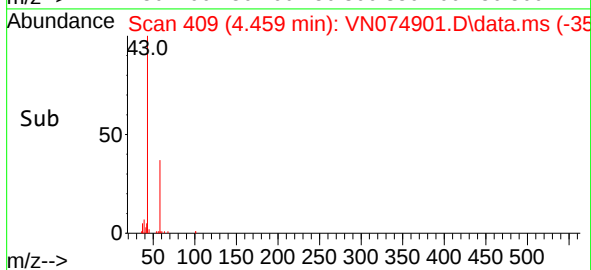
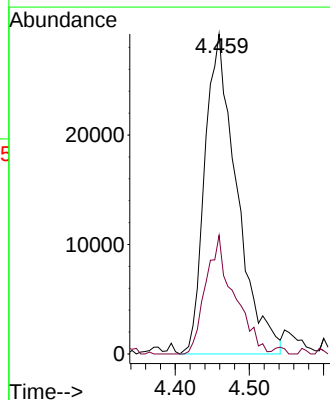
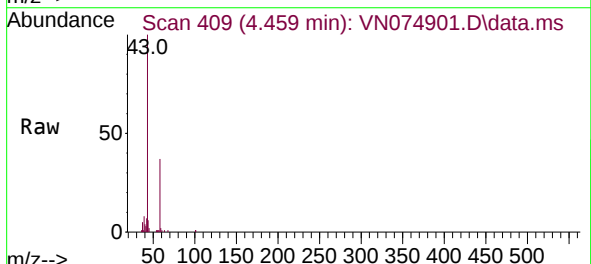
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

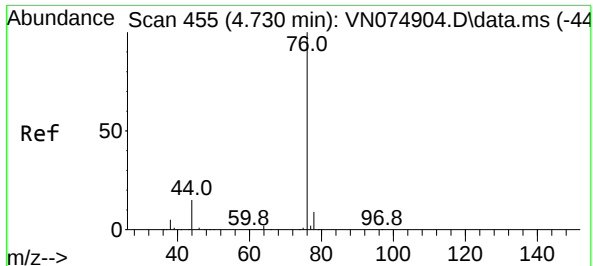
Tgt Ion: 53 Resp: 98052
Ion Ratio Lower Upper
53 100
52 83.9 66.2 99.4
51 35.4 27.6 41.4



#16
Acetone
Concen: 26.946 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 43 Resp: 87560
Ion Ratio Lower Upper
43 100
58 37.1 25.8 38.6

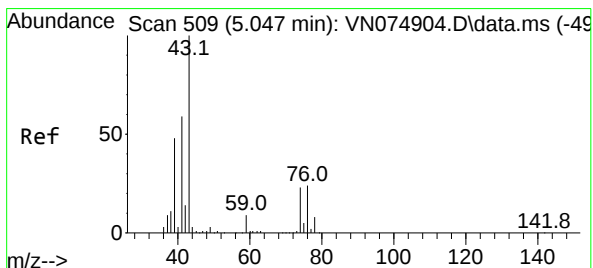
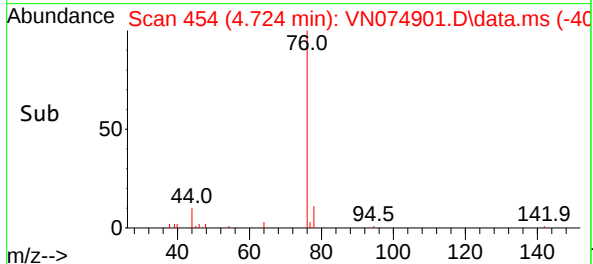
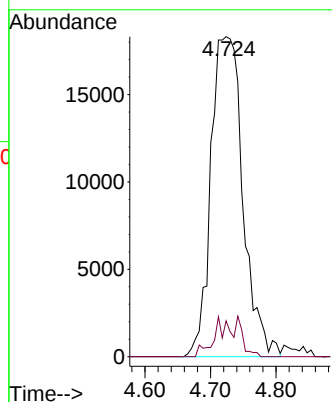
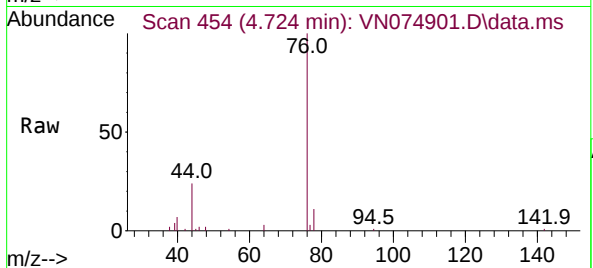




#17
Carbon Disulfide
Concen: 5.458 ug/l
RT: 4.724 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

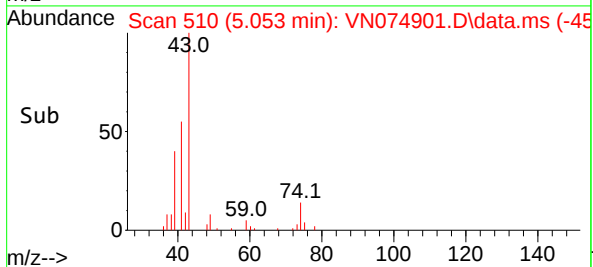
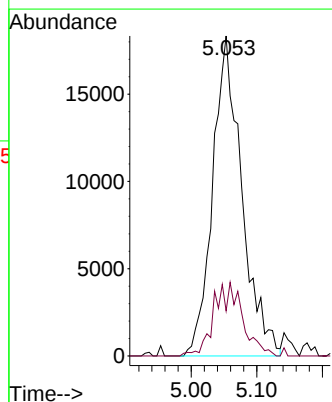
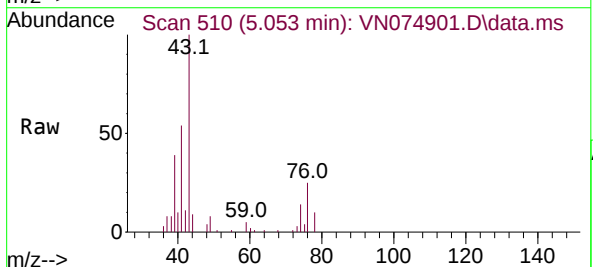
Instrument :
MSVOA_N
ClientSampleId :
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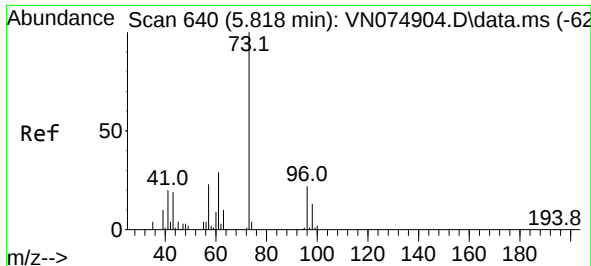
Tgt Ion: 76 Resp: 62122
Ion Ratio Lower Upper
76 100
78 11.2 7.4 11.0#



#18
Methyl Acetate
Concen: 4.862 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 43 Resp: 56566
Ion Ratio Lower Upper
43 100
74 10.8 18.8 28.2#

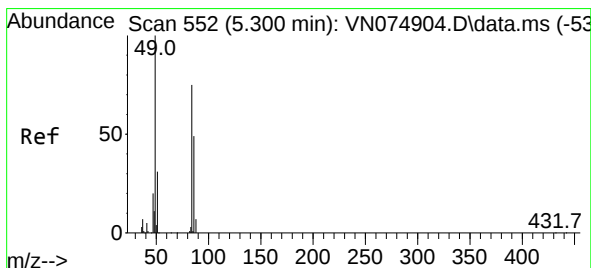
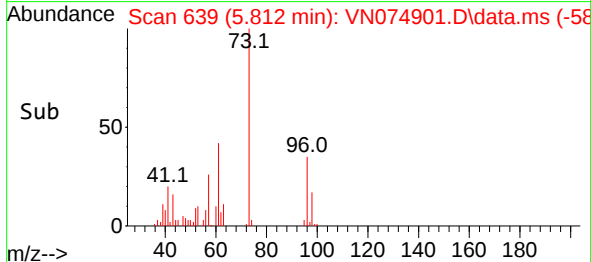
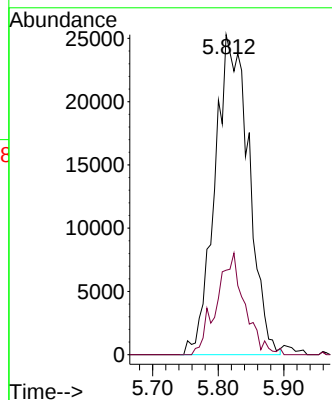
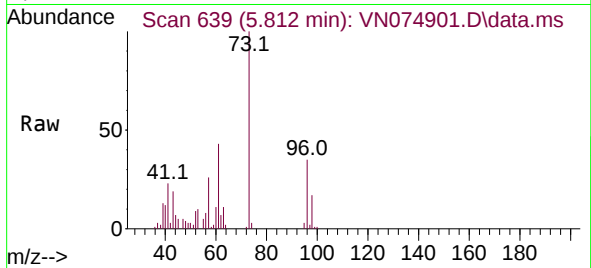




#19
Methyl tert-butyl Ether
Concen: 5.130 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

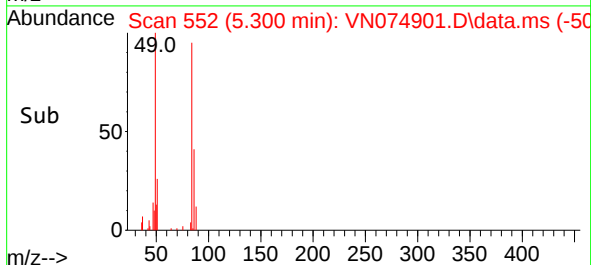
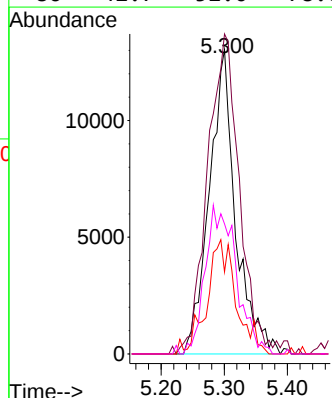
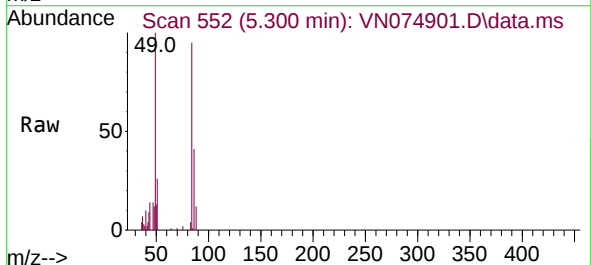
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

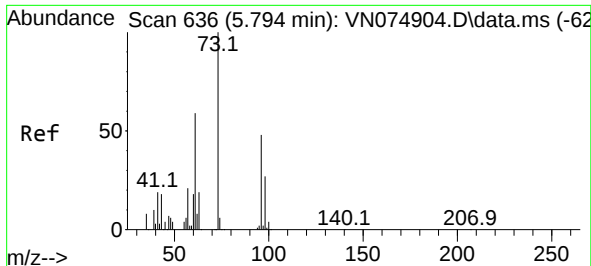
Tgt Ion: 73 Resp: 90854
Ion Ratio Lower Upper
73 100
57 26.4 18.7 28.1



#20
Methylene Chloride
Concen: 6.183 ug/l
RT: 5.300 min Scan# 552
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 84 Resp: 37918
Ion Ratio Lower Upper
84 100
49 103.0 107.1 160.7#
51 27.0 32.8 49.2#
86 42.7 52.0 78.0#

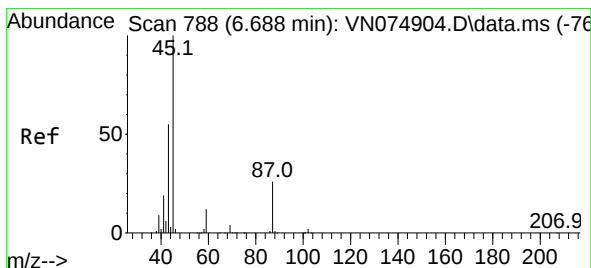
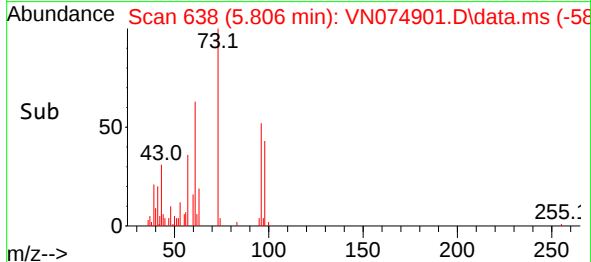
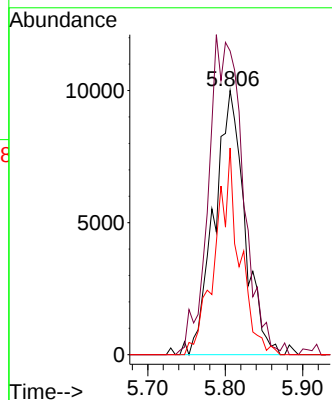
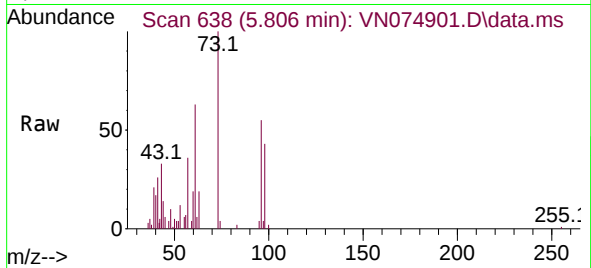




#21
trans-1,2-Dichloroethene
Concen: 5.514 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

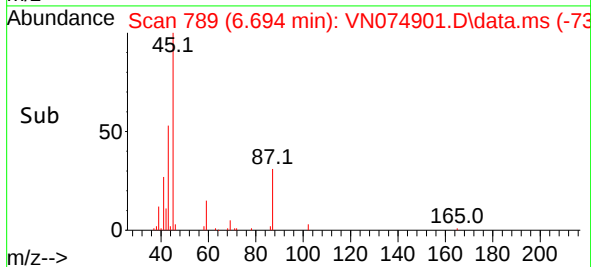
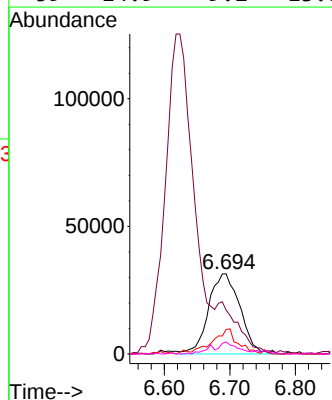
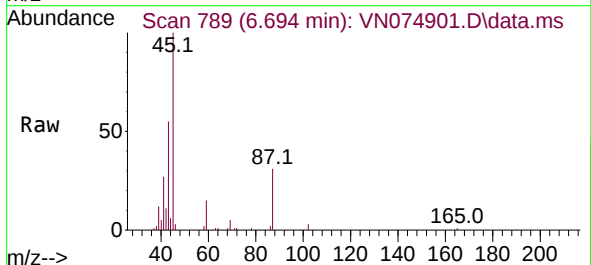
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

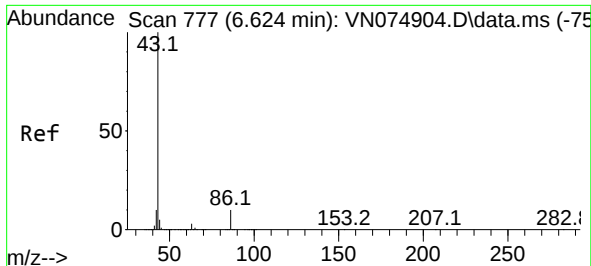
Tgt Ion: 96 Resp: 27377
Ion Ratio Lower Upper
96 100
61 113.5 97.4 146.0
98 78.3 44.0 66.0#



#22
Diisopropyl ether
Concen: 5.157 ug/l
RT: 6.694 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 45 Resp: 104510
Ion Ratio Lower Upper
45 100
43 50.6 43.8 65.8
87 30.6 21.3 31.9
59 14.9 9.2 13.8#

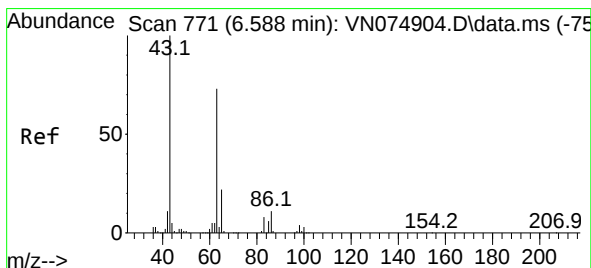
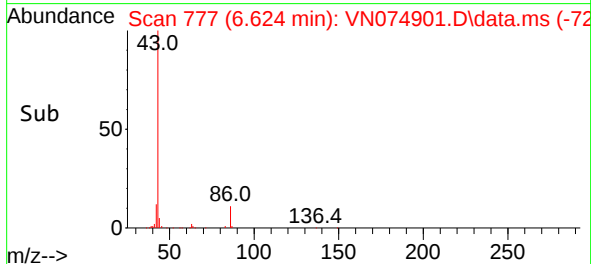
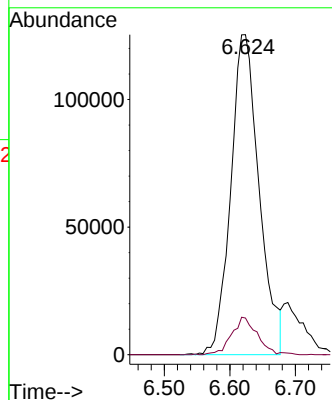
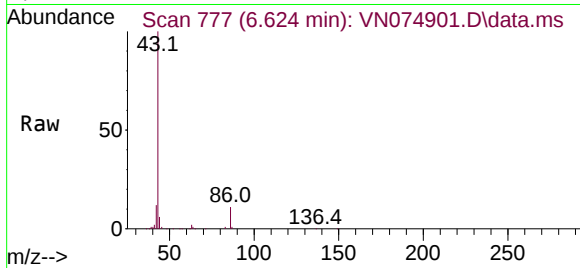




#23
 Vinyl Acetate
 Concen: 25.468 ug/l
 RT: 6.624 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VN074901.D
 Acq: 14 Oct 2022 10:22

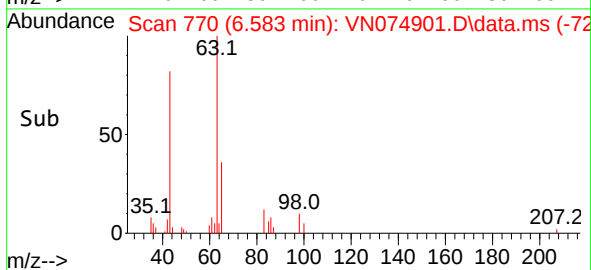
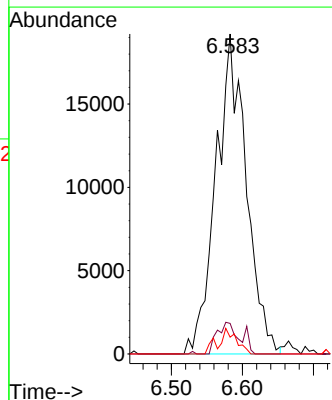
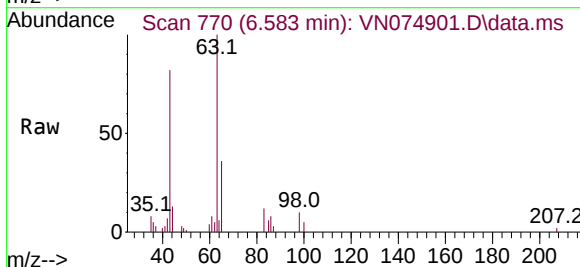
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

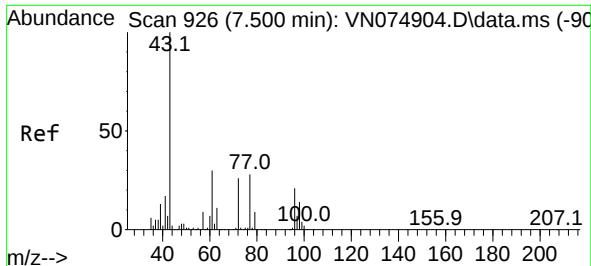
Tgt Ion: 43 Resp: 378742
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 5.216 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VN074901.D
 Acq: 14 Oct 2022 10:22

Tgt Ion: 63 Resp: 56887
 Ion Ratio Lower Upper
 63 100
 98 9.6 2.9 8.8#
 100 5.3 2.3 6.8

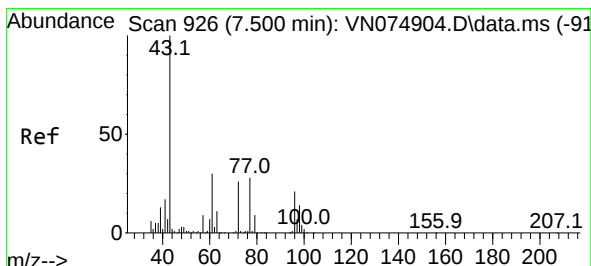
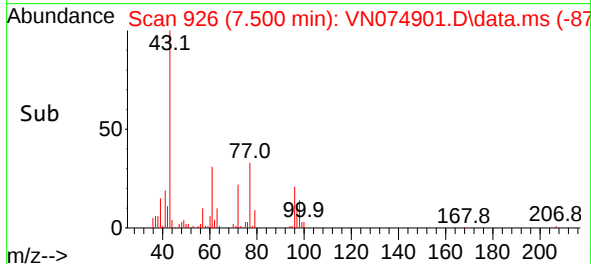
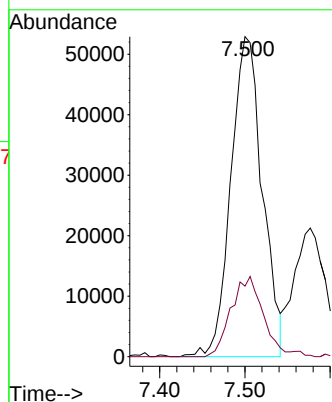
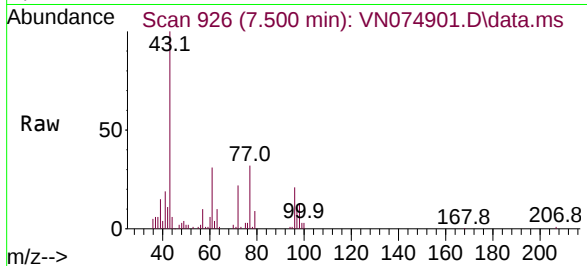




#25
2-Butanone
Concen: 25.343 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

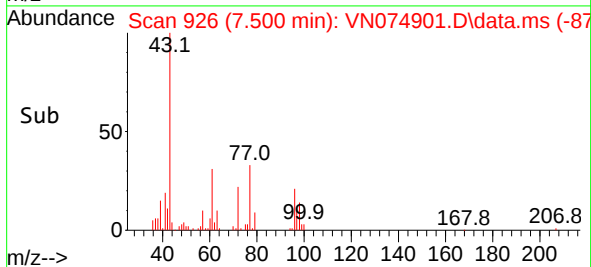
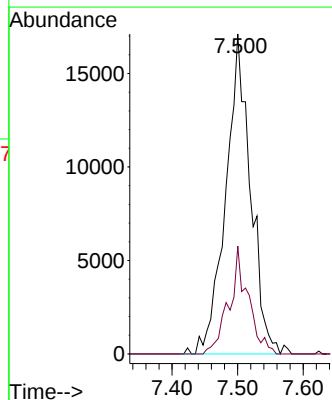
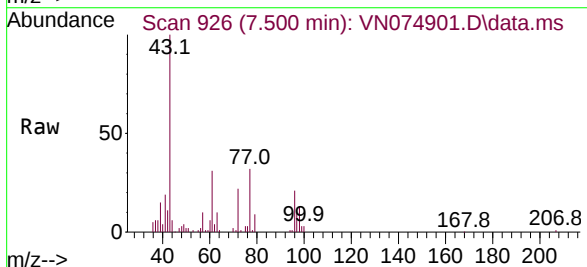
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

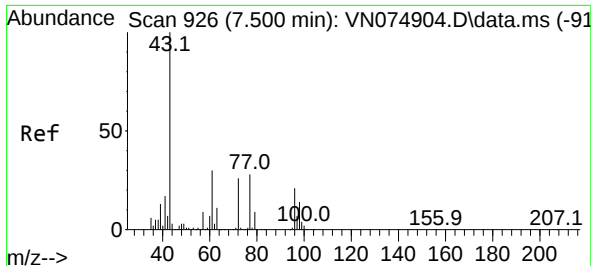
Tgt Ion: 43 Resp: 135602
Ion Ratio Lower Upper
43 100
72 22.0 20.4 30.6



#26
2,2-Dichloropropane
Concen: 5.126 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 77 Resp: 44835
Ion Ratio Lower Upper
77 100
97 26.1 11.7 35.1

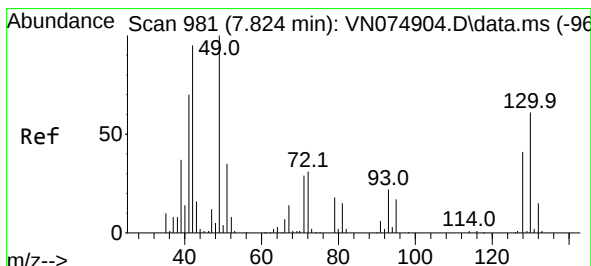
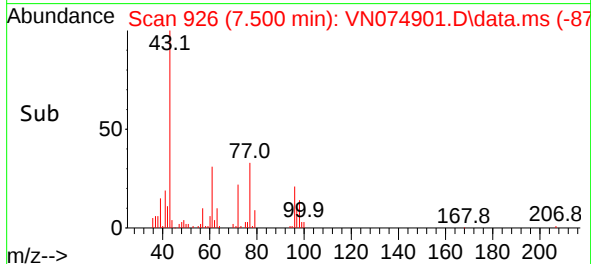
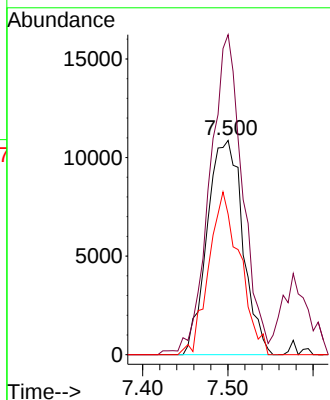
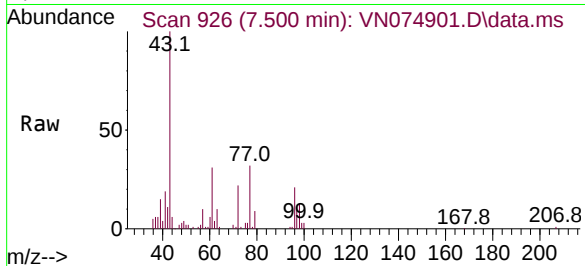




#27
 cis-1,2-Dichloroethene
 Concen: 5.125 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN074901.D
 Acq: 14 Oct 2022 10:22

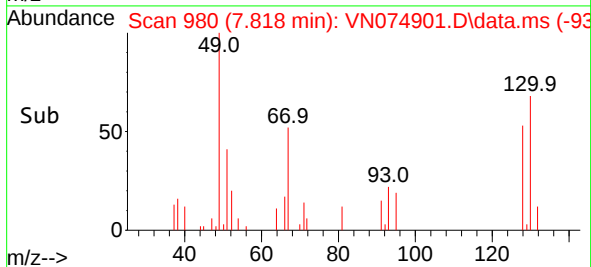
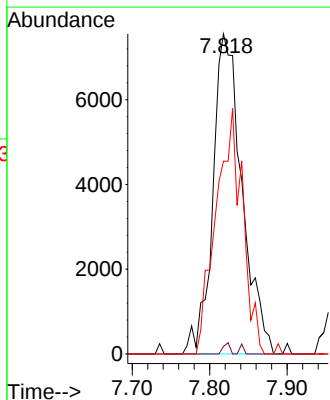
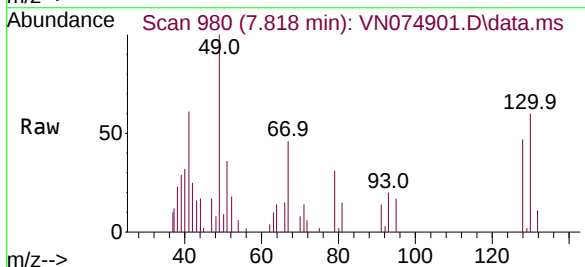
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

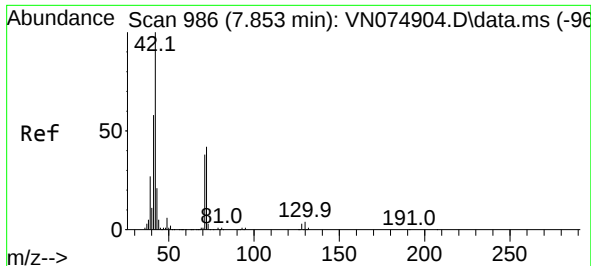
Tgt Ion: 96 Resp: 31605
 Ion Ratio Lower Upper
 96 100
 61 137.2 0.0 303.6
 98 66.8 0.0 127.8



#28
 Bromochloromethane
 Concen: 4.312 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN074901.D
 Acq: 14 Oct 2022 10:22

Tgt Ion: 49 Resp: 19751
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.2
 130 70.0 48.2 72.4





#29

Tetrahydrofuran

Concen: 24.769 ug/l

RT: 7.847 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074901.D

Acq: 14 Oct 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

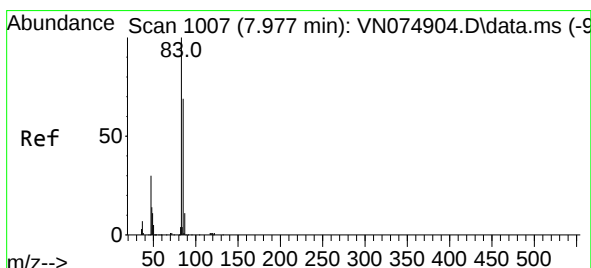
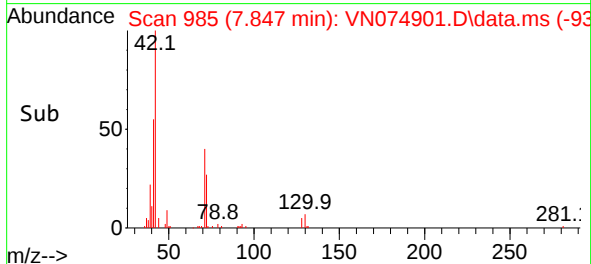
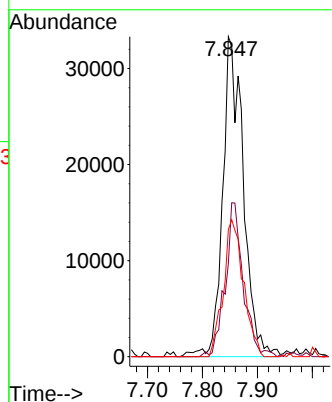
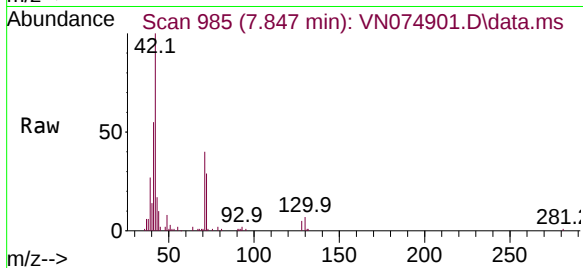
Tgt Ion: 42 Resp: 87006

Ion Ratio Lower Upper

42 100

72 41.9 32.4 48.6

71 41.6 30.7 46.1



#30

Chloroform

Concen: 4.842 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.006 min

Lab File: VN074901.D

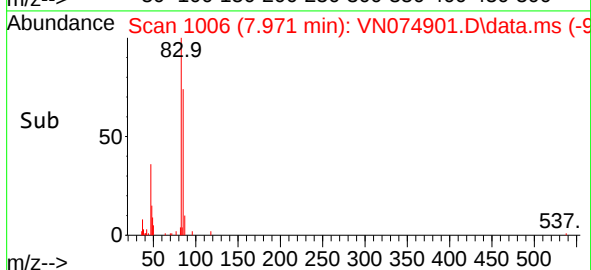
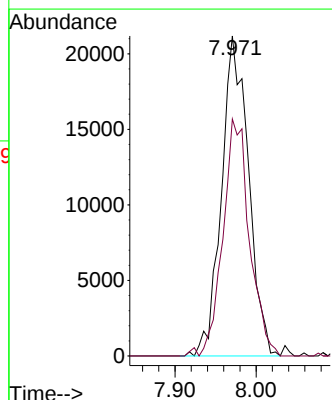
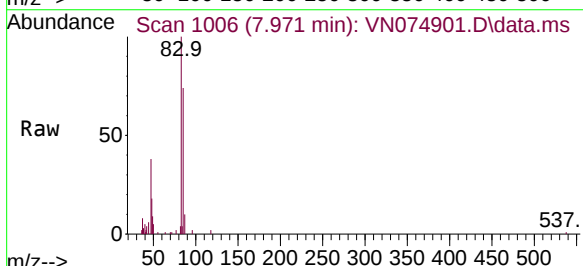
Acq: 14 Oct 2022 10:22

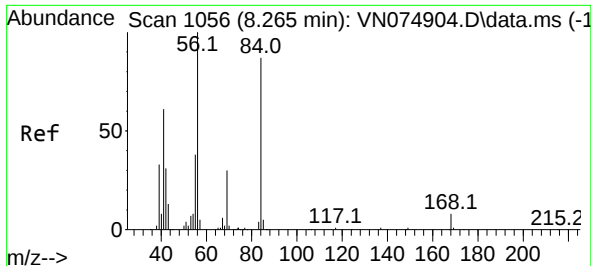
Tgt Ion: 83 Resp: 48885

Ion Ratio Lower Upper

83 100

85 74.1 55.2 82.8

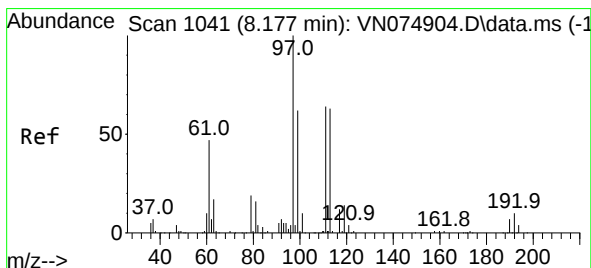
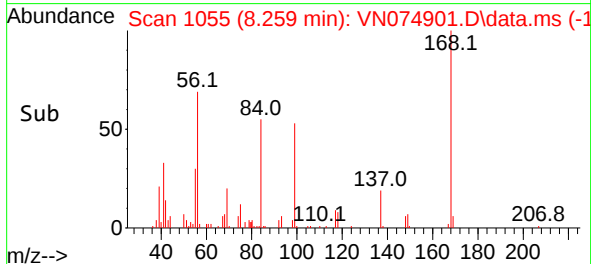
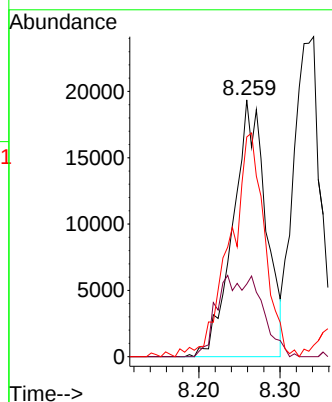
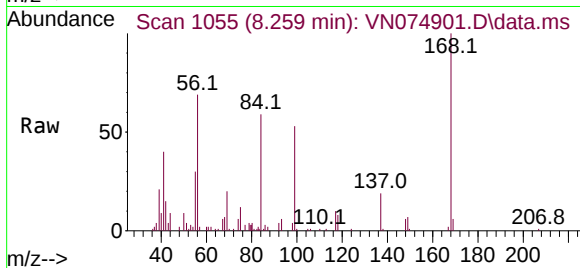




#31
Cyclohexane
Concen: 5.797 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

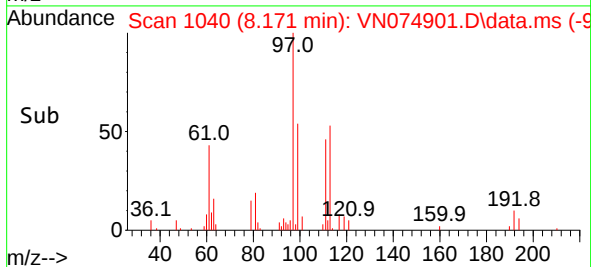
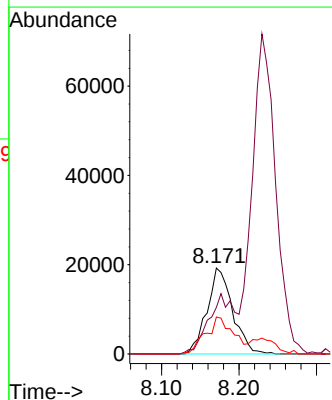
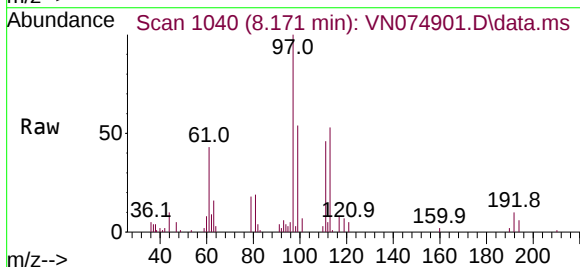
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

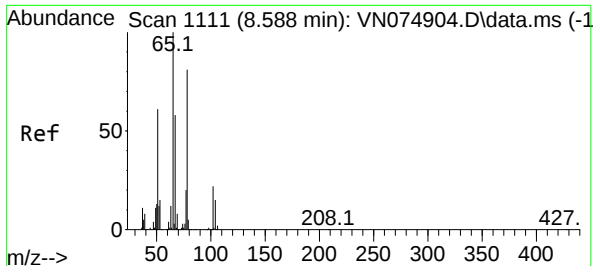
Tgt Ion: 56 Resp: 54268
Ion Ratio Lower Upper
56 100
69 28.3 24.3 36.5
84 82.5 69.8 104.8



#32
1,1,1-Trichloroethane
Concen: 5.141 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 97 Resp: 44079
Ion Ratio Lower Upper
97 100
99 72.6 52.1 78.1
61 47.5 40.5 60.7





#33

1,2-Dichloroethane-d4

Concen: 5.070 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN074901.D

Acq: 14 Oct 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

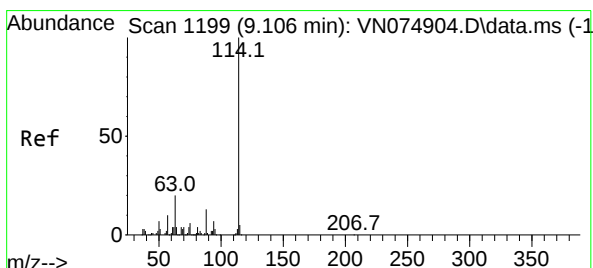
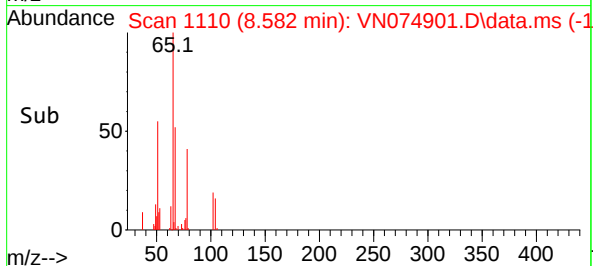
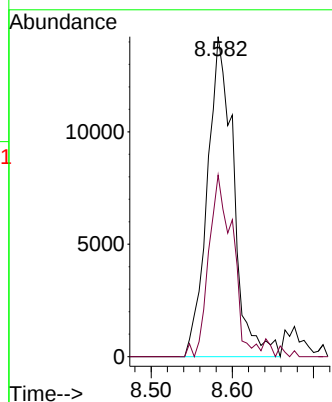
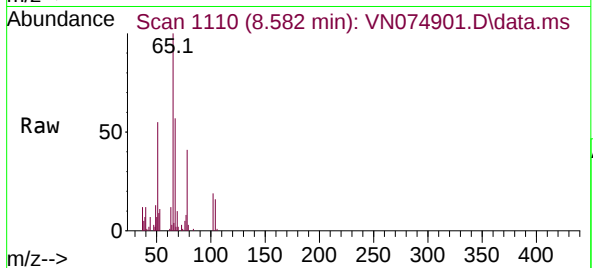
VSTDIC005

Tgt Ion: 65 Resp: 31962

Ion Ratio Lower Upper

65 100

67 51.1 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074901.D

Acq: 14 Oct 2022 10:22

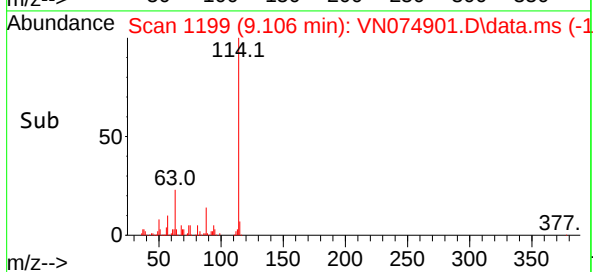
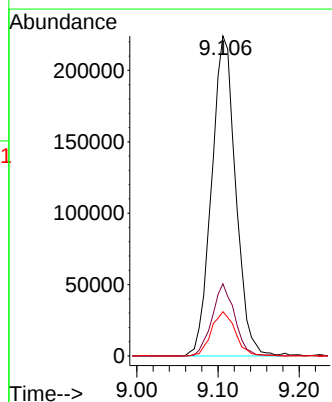
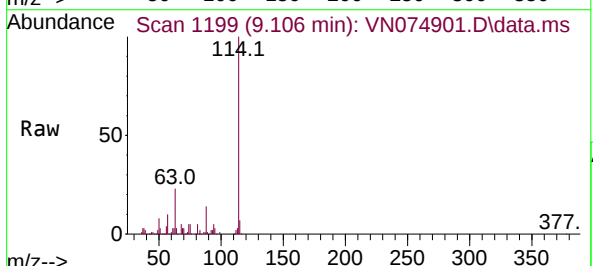
Tgt Ion:114 Resp: 461917

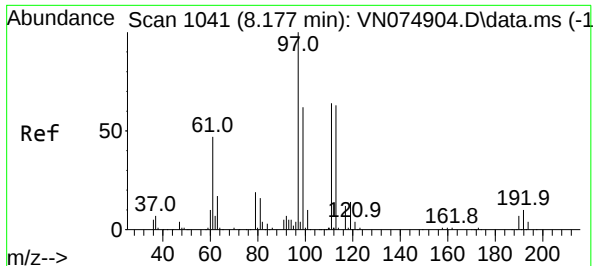
Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.8

88 13.8 0.0 25.8





#35

Dibromofluoromethane

Concen: 5.241 ug/l

RT: 8.182 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074901.D

Acq: 14 Oct 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

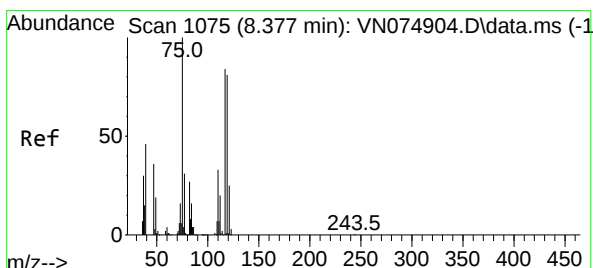
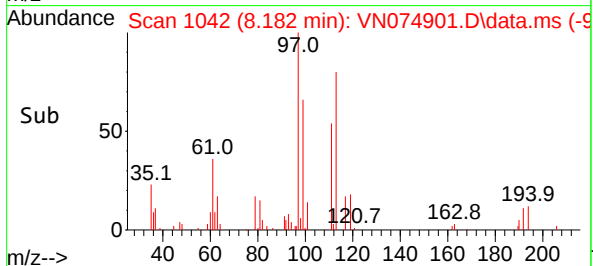
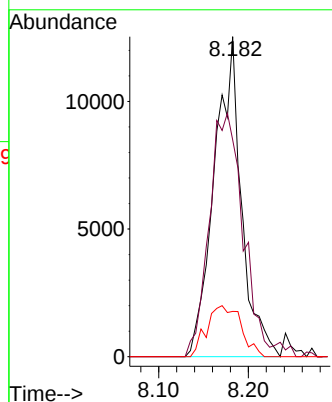
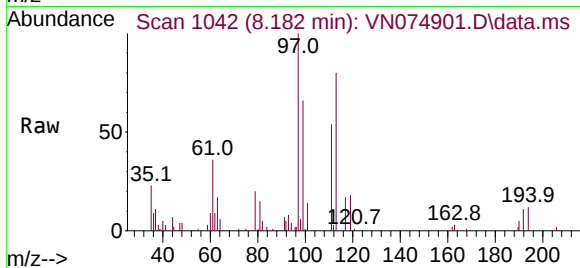
Tgt Ion:113 Resp: 26294

Ion Ratio Lower Upper

113 100

111 95.1 81.1 121.7

192 20.1 13.1 19.7#



#36

1,1-Dichloropropene

Concen: 5.220 ug/l

RT: 8.382 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN074901.D

Acq: 14 Oct 2022 10:22

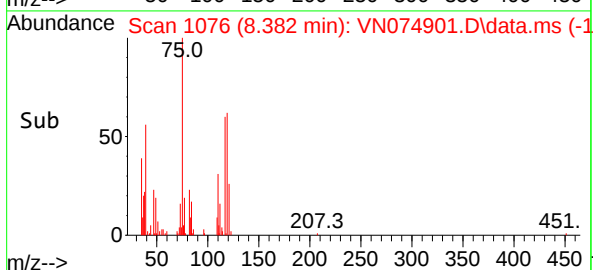
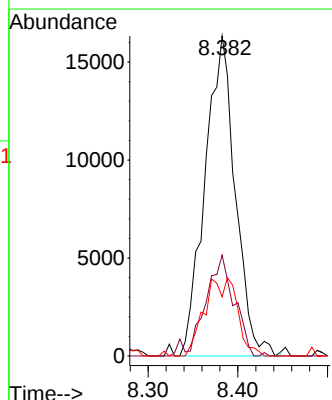
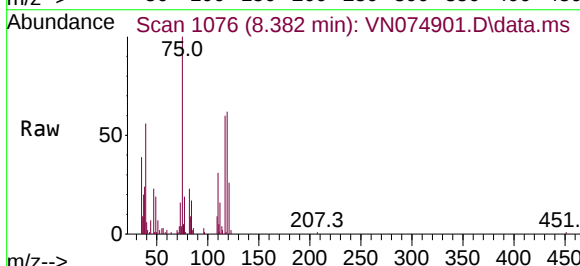
Tgt Ion: 75 Resp: 38396

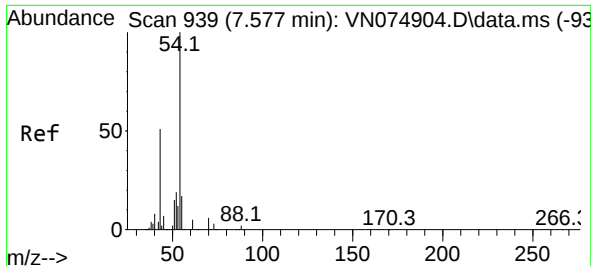
Ion Ratio Lower Upper

75 100

110 28.8 16.3 48.8

77 15.4 24.8 37.2#

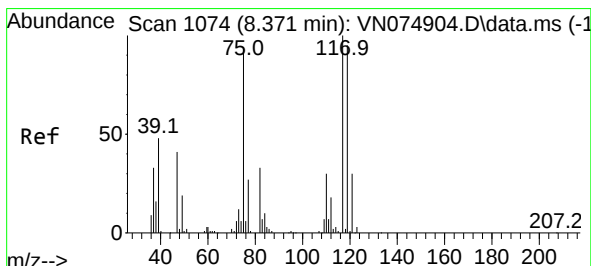
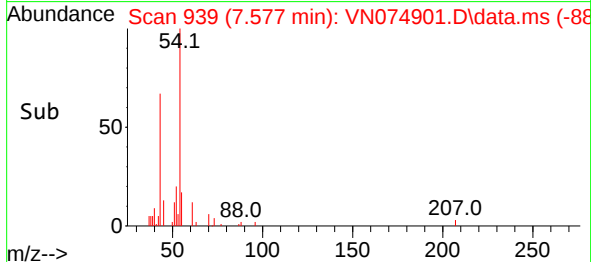
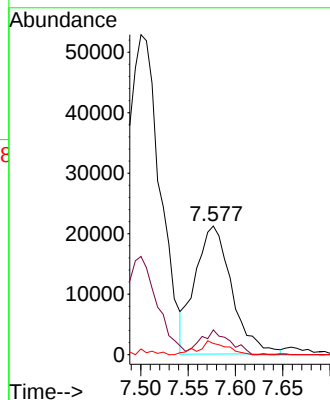
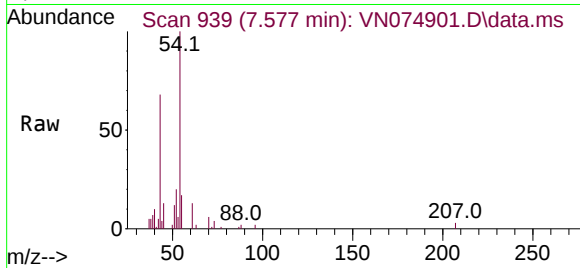




#37
Ethyl Acetate
Concen: 5.214 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

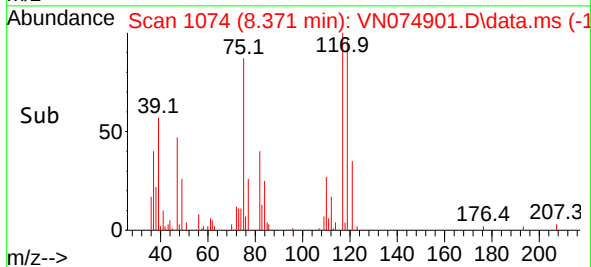
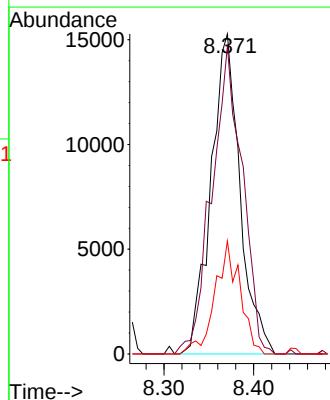
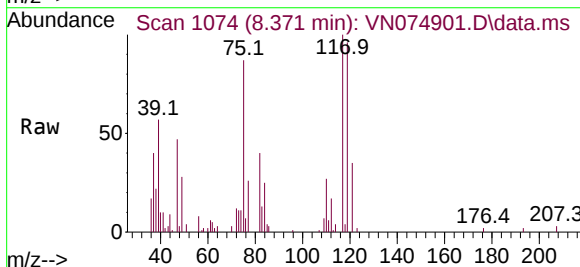
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

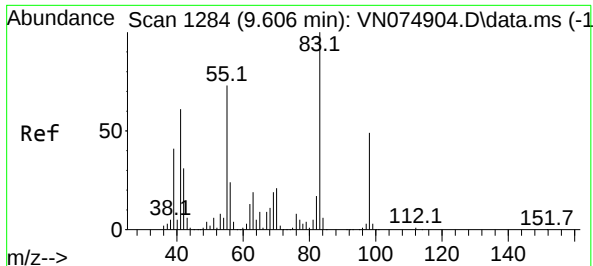
Tgt Ion: 43 Resp: 56925
Ion Ratio Lower Upper
43 100
61 15.2 10.5 15.7
70 7.9 6.4 9.6



#38
Carbon Tetrachloride
Concen: 4.923 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 117 Resp: 34229
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.8
121 35.3 23.8 35.6





#39

Methylcyclohexane

Concen: 5.325 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN074901.D

Acq: 14 Oct 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

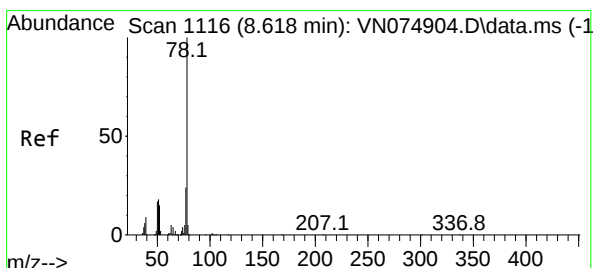
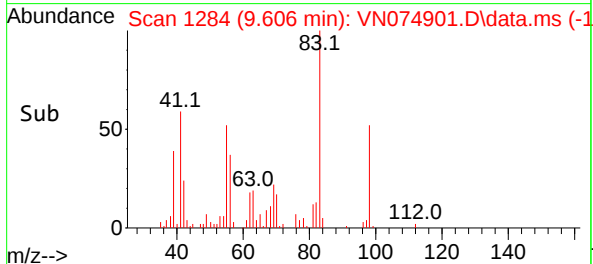
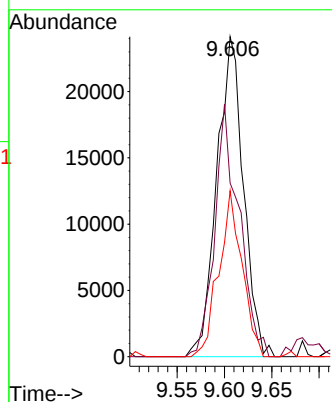
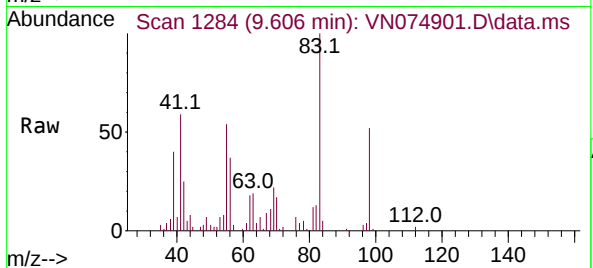
Tgt Ion: 83 Resp: 47227

Ion Ratio Lower Upper

83 100

55 54.2 58.2 87.2#

98 51.8 39.3 58.9



#40

Benzene

Concen: 5.318 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.006 min

Lab File: VN074901.D

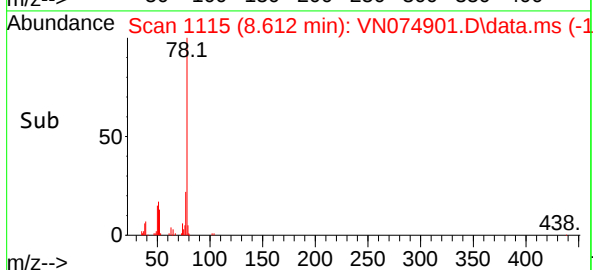
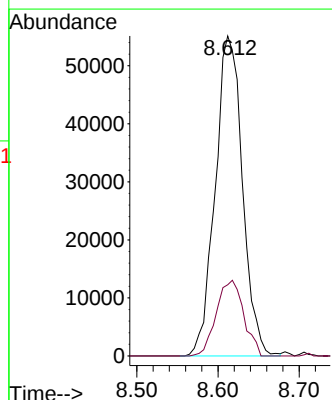
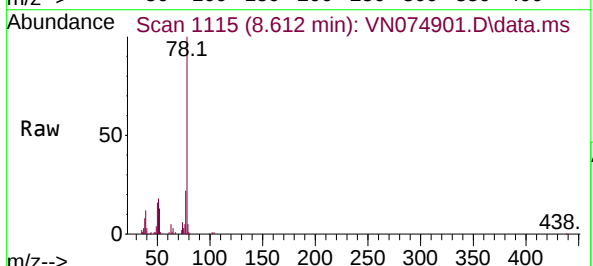
Acq: 14 Oct 2022 10:22

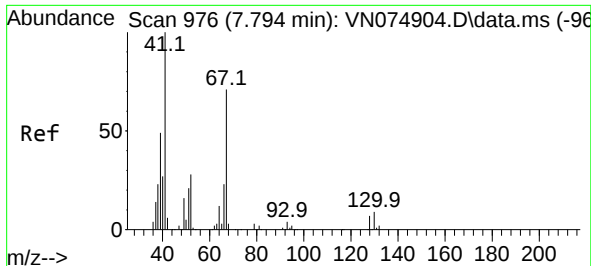
Tgt Ion: 78 Resp: 128638

Ion Ratio Lower Upper

78 100

77 22.3 19.4 29.0

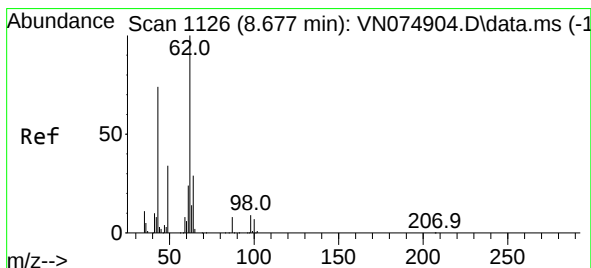
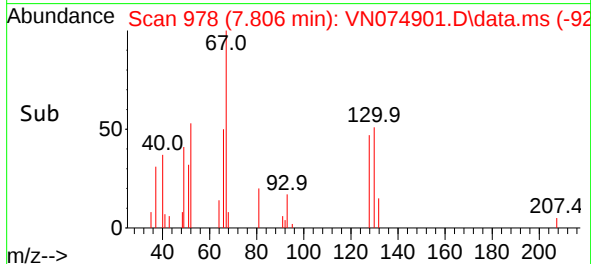
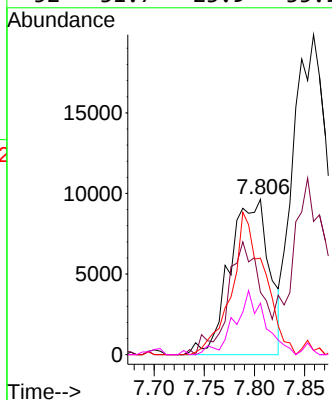
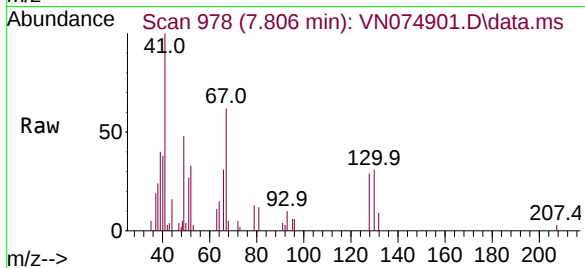




#41
Methacrylonitrile
Concen: 4.911 ug/l
RT: 7.806 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

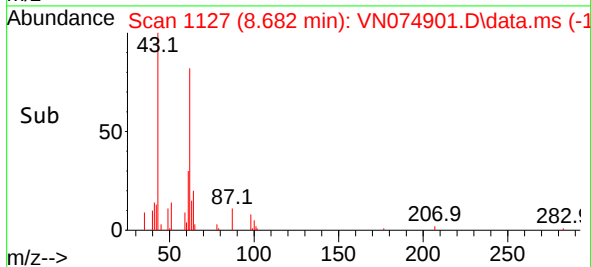
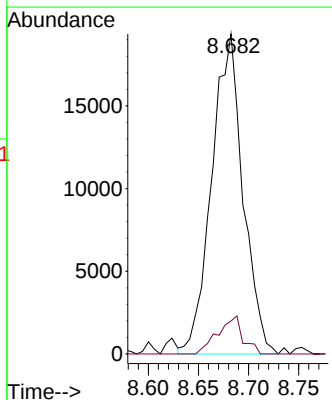
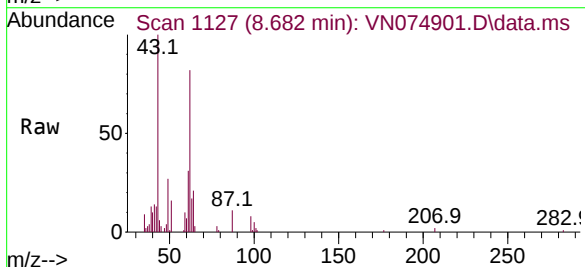
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

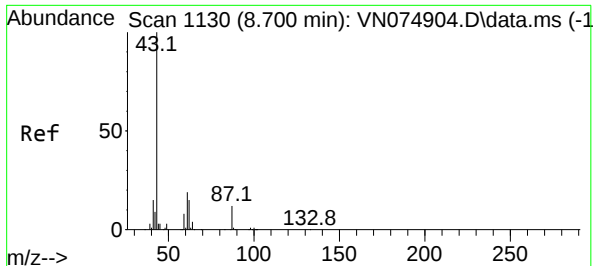
Tgt Ion: 41	Resp: 26397
Ion Ratio	Lower Upper
41 100	
39 61.4	43.4 65.0
67 75.8	58.0 87.0
52 31.7	23.9 35.9



#42
1,2-Dichloroethane
Concen: 5.315 ug/l
RT: 8.682 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 62	Resp: 41999
Ion Ratio	Lower Upper
62 100	
98 9.4	0.0 19.4

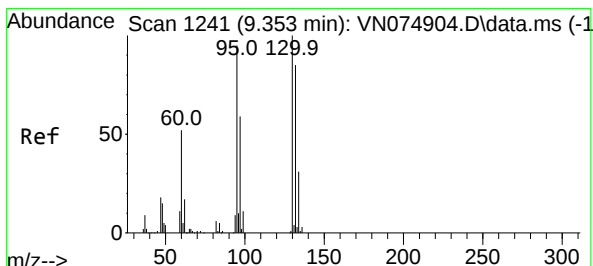
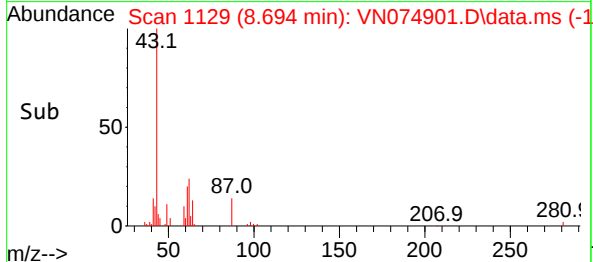
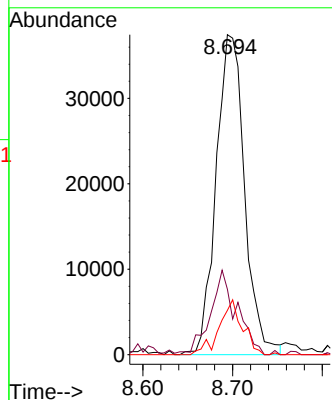
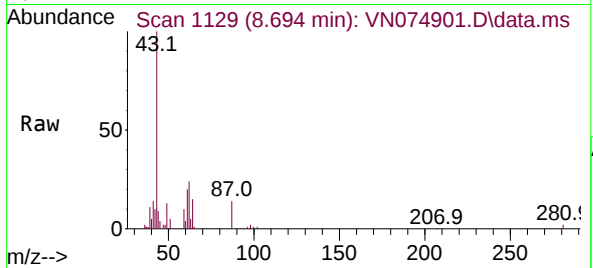




#43
Isopropyl Acetate
Concen: 4.914 ug/l
RT: 8.694 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

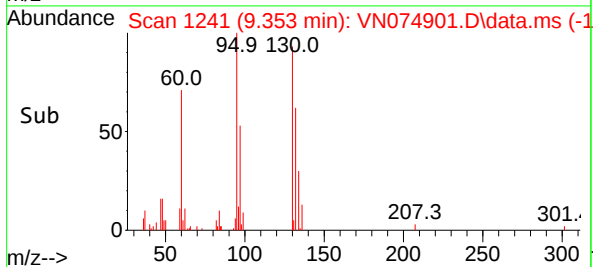
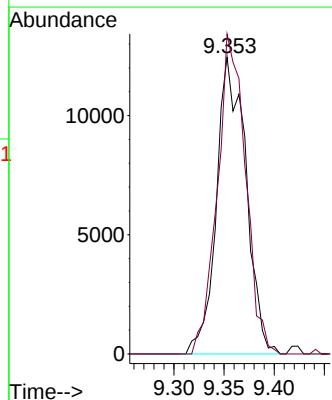
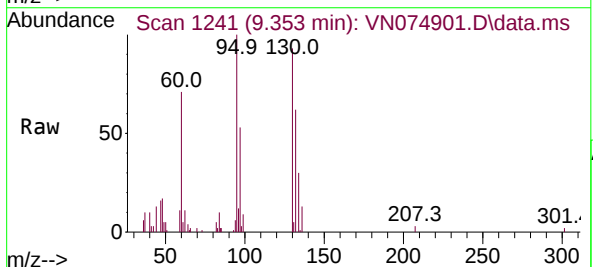
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

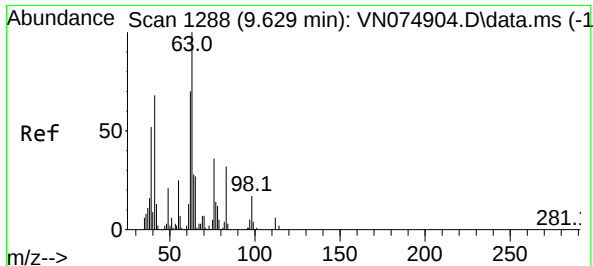
Tgt Ion: 43 Resp: 82585
Ion Ratio Lower Upper
43 100
61 24.6 19.2 28.8
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 5.032 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion:130 Resp: 25474
Ion Ratio Lower Upper
130 100
95 107.8 0.0 189.2





#45

1,2-Dichloropropane

Concen: 4.930 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074901.D

Acq: 14 Oct 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

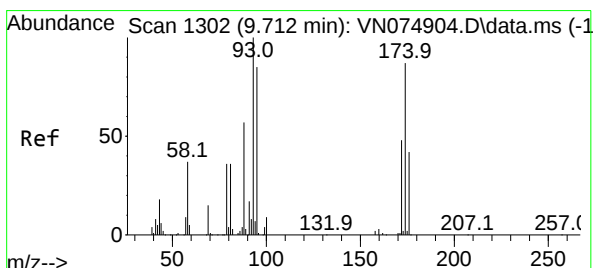
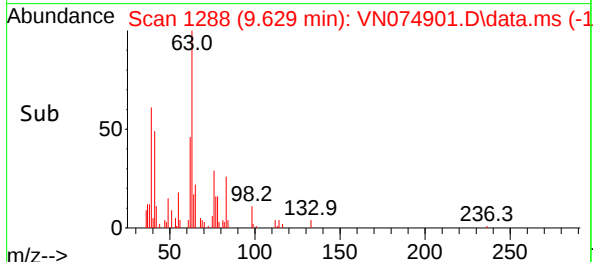
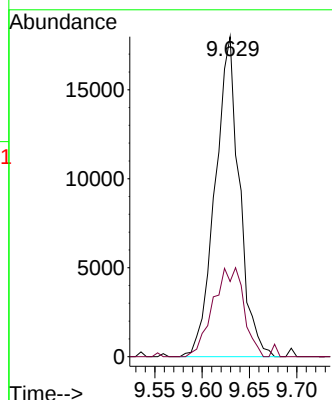
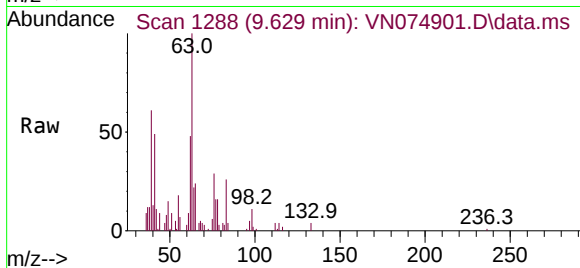
VSTDIC005

Tgt Ion: 63 Resp: 32102

Ion Ratio Lower Upper

63 100

65 23.5 21.9 32.9



#46

Dibromomethane

Concen: 5.284 ug/l

RT: 9.718 min Scan# 1303

Delta R.T. 0.006 min

Lab File: VN074901.D

Acq: 14 Oct 2022 10:22

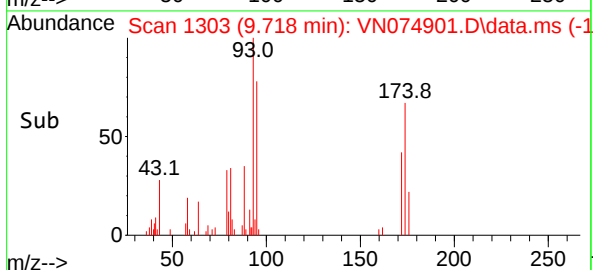
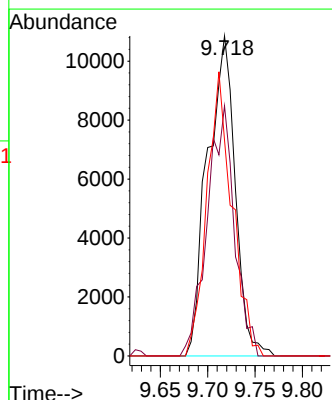
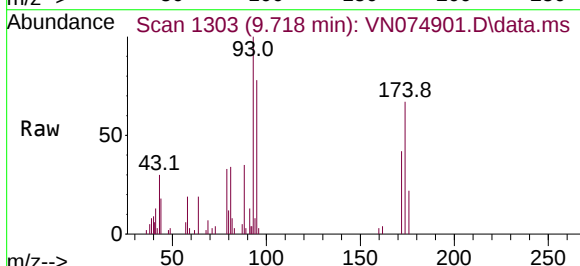
Tgt Ion: 93 Resp: 22033

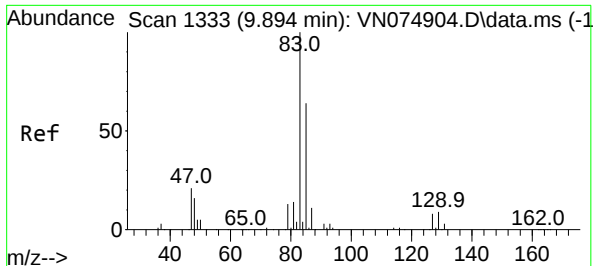
Ion Ratio Lower Upper

93 100

95 76.9 67.4 101.2

174 81.0 67.8 101.8

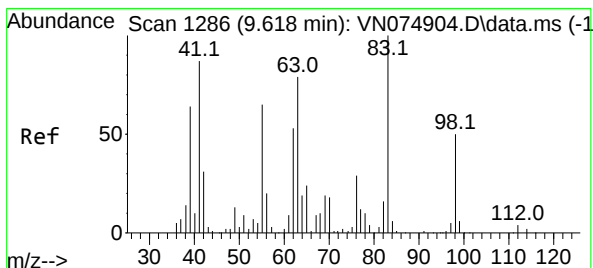
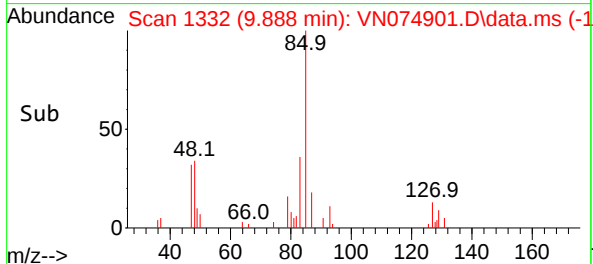
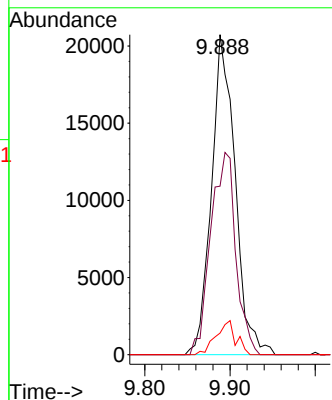
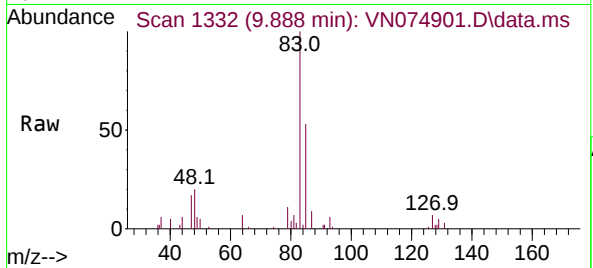




#47
Bromodichloromethane
Concen: 4.997 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

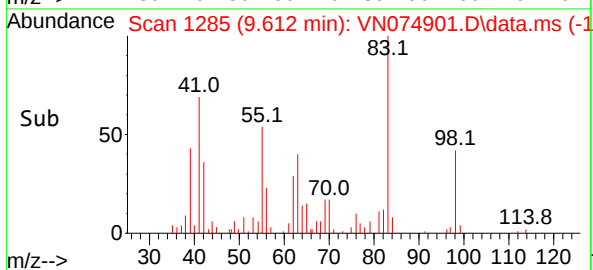
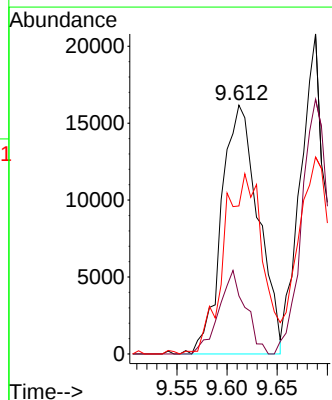
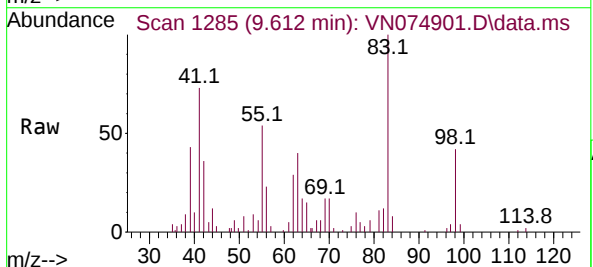
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

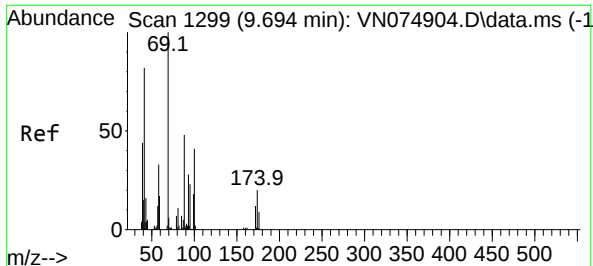
Tgt Ion: 83 Resp: 39980
Ion Ratio Lower Upper
83 100
85 52.7 51.0 76.4
127 6.7 6.4 9.6



#48
Methyl methacrylate
Concen: 5.280 ug/l
RT: 9.612 min Scan# 1285
Delta R.T. -0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 41 Resp: 41327
Ion Ratio Lower Upper
41 100
69 24.3 0.0 0.0#
39 76.5 58.9 88.3





#49

1,4-Dioxane

Concen: 100.687 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN074901.D

Acq: 14 Oct 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

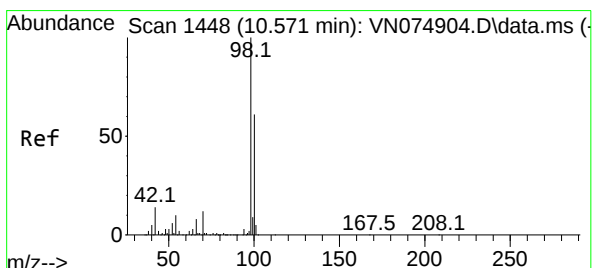
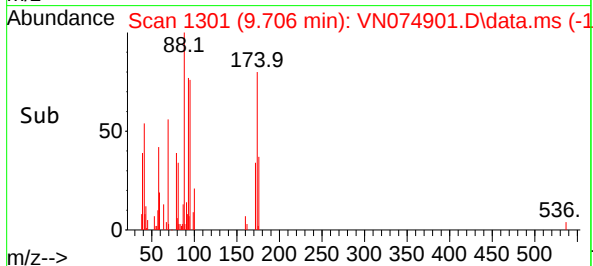
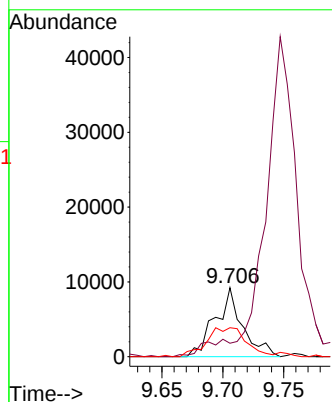
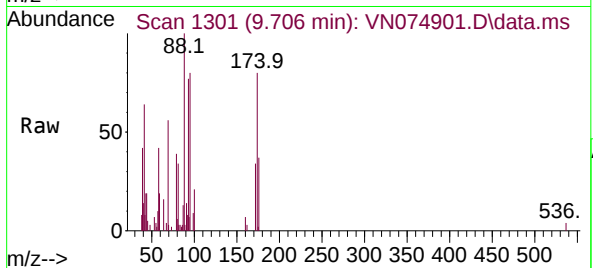
Tgt Ion: 88 Resp: 14358

Ion Ratio Lower Upper

88 100

43 0.0 24.5 36.7#

58 61.3 57.0 85.6



#50

Toluene-d8

Concen: 4.871 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN074901.D

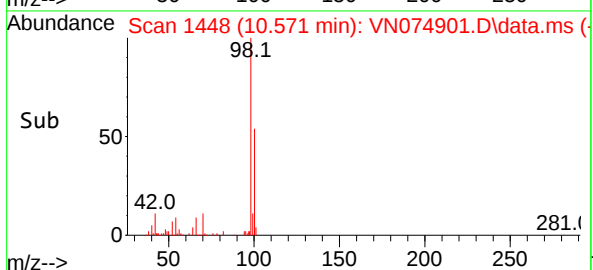
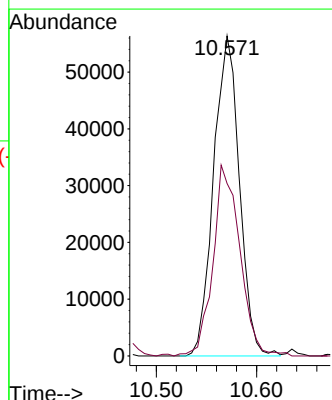
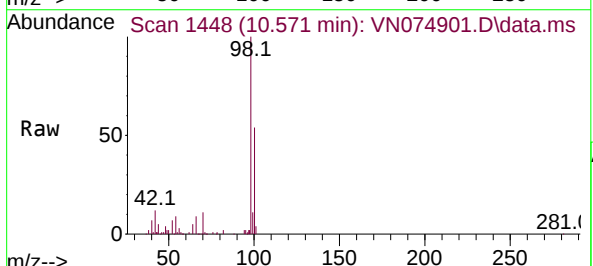
Acq: 14 Oct 2022 10:22

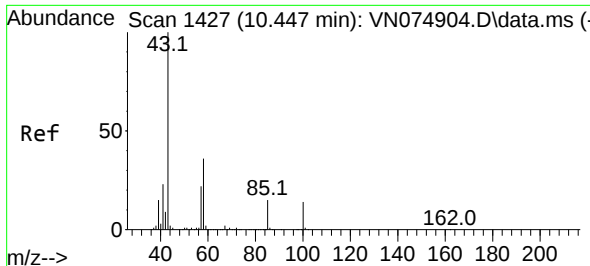
Tgt Ion: 98 Resp: 100820

Ion Ratio Lower Upper

98 100

100 62.2 49.8 74.6

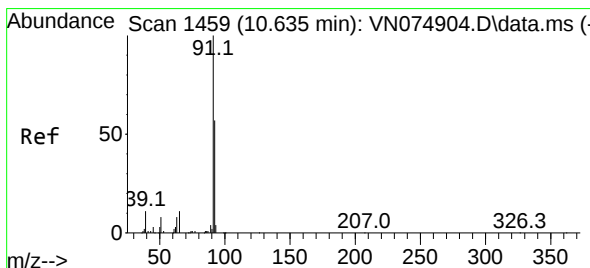
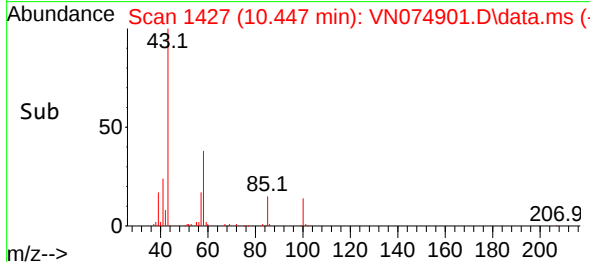
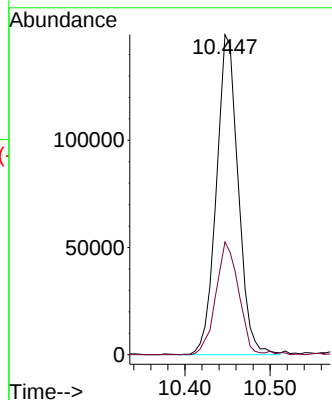
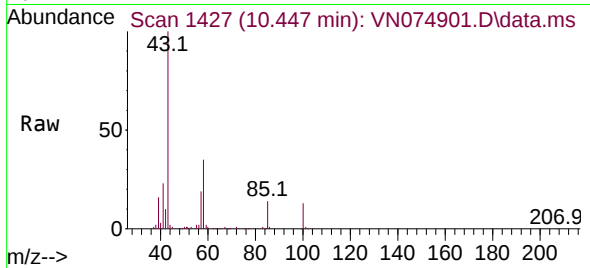




#51
4-Methyl-2-Pentanone
Concen: 24.573 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

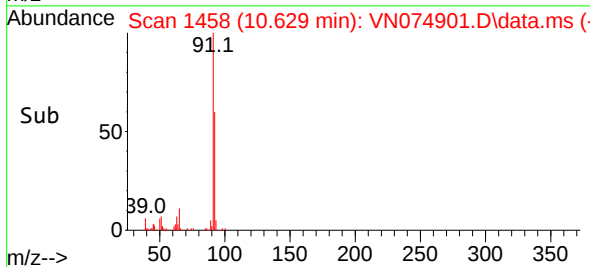
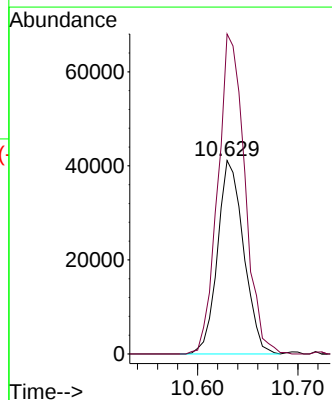
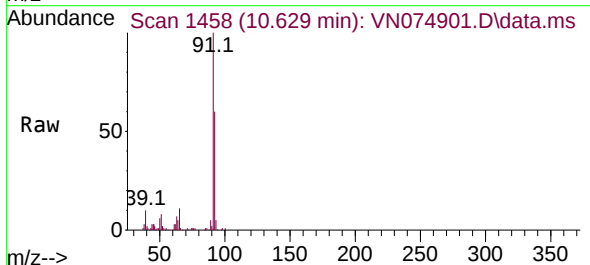
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

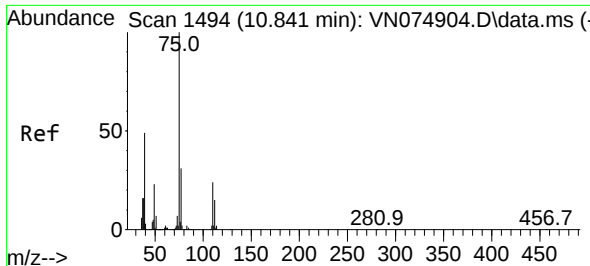
Tgt Ion: 43 Resp: 265556
Ion Ratio Lower Upper
43 100
58 36.6 30.1 45.1



#52
Toluene
Concen: 5.142 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 92 Resp: 74502
Ion Ratio Lower Upper
92 100
91 170.4 140.0 210.0

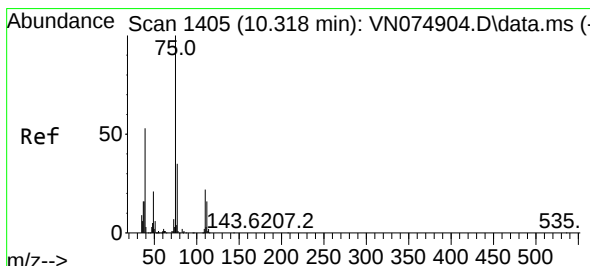
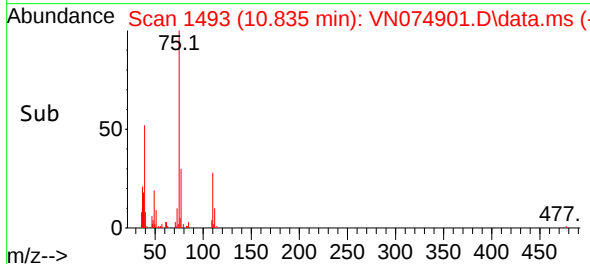
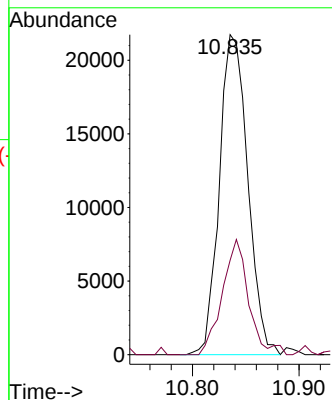
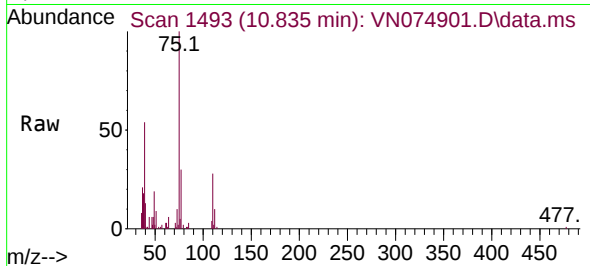




#53
t-1,3-Dichloropropene
Concen: 4.605 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

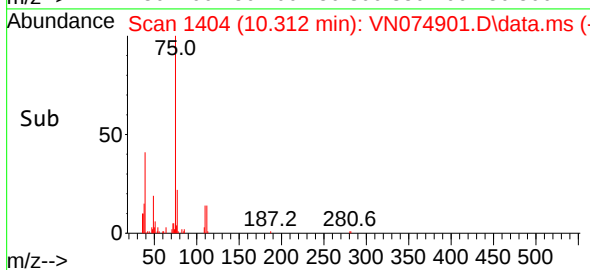
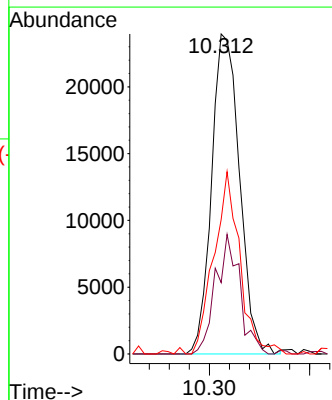
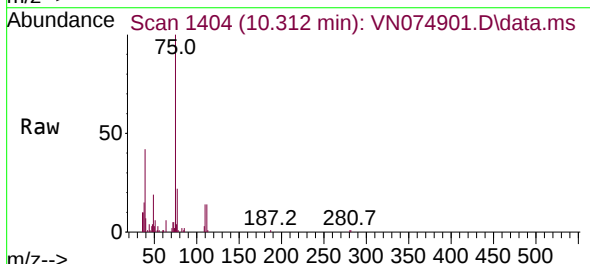
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

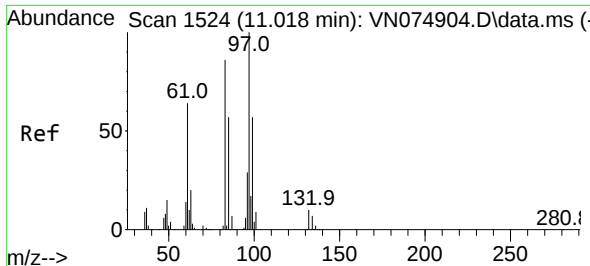
Tgt Ion: 75 Resp: 40267
Ion Ratio Lower Upper
75 100
77 29.5 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 4.969 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 75 Resp: 46324
Ion Ratio Lower Upper
75 100
77 22.3 27.8 41.8#
39 40.4 42.2 63.4#



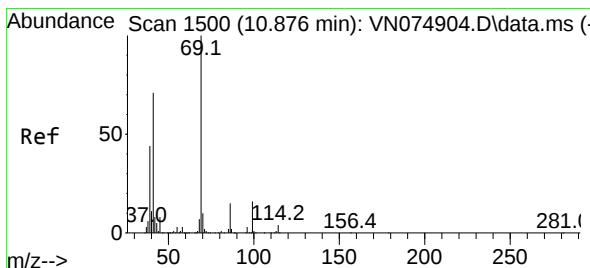
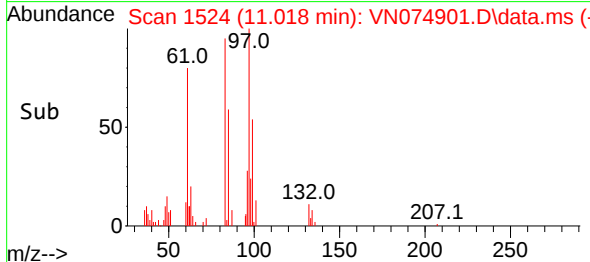
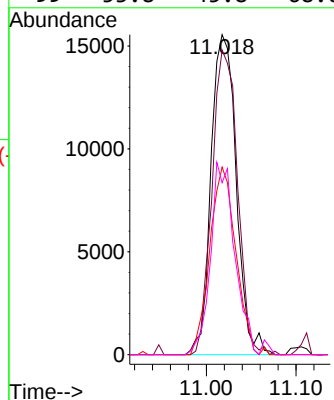
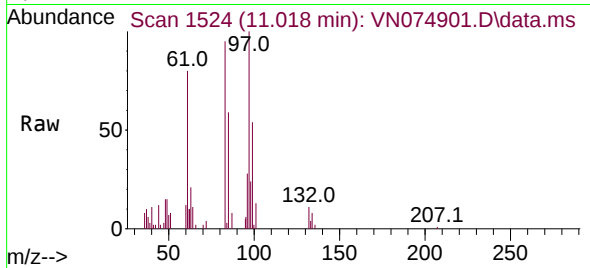


#55
1,1,2-Trichloroethane
Concen: 5.203 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 97 Resp: 30284

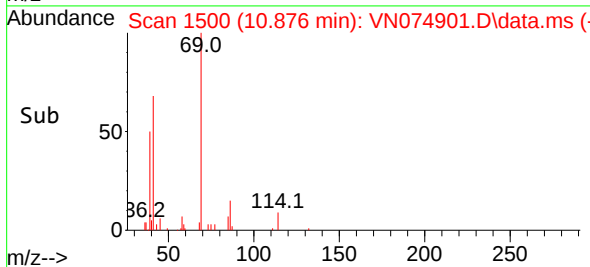
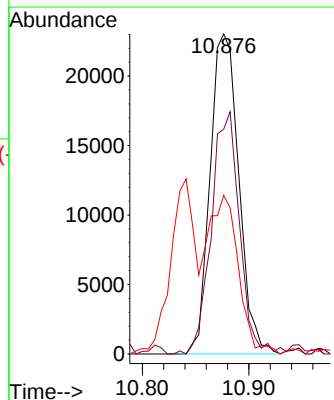
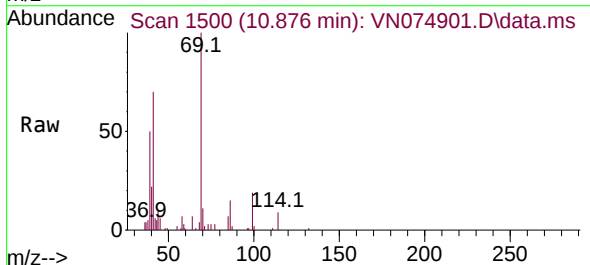
Ion	Ratio	Lower	Upper
97	100		
83	95.2	68.7	103.1
85	58.6	45.9	68.9
99	53.8	45.8	68.6

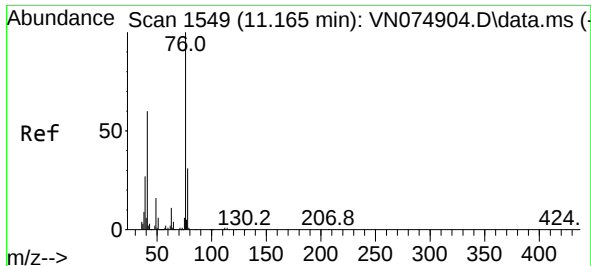


#56
Ethyl methacrylate
Concen: 4.618 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 69 Resp: 43020

Ion	Ratio	Lower	Upper
69	100		
41	74.2	57.8	86.8
39	53.3	34.9	52.3





#57

1,3-Dichloropropane

Concen: 4.716 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074901.D

Acq: 14 Oct 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

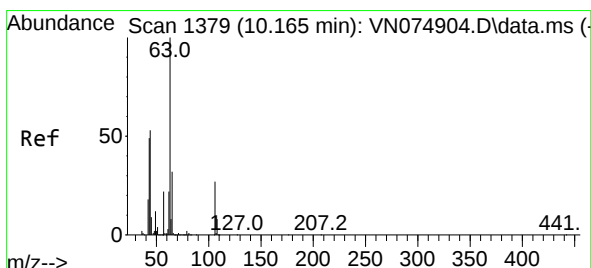
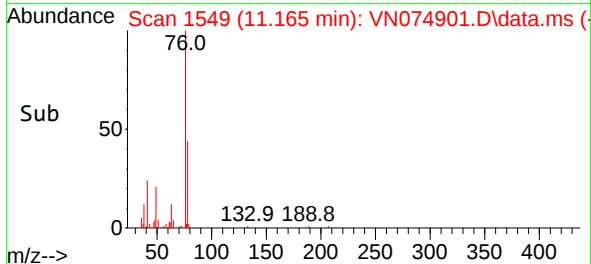
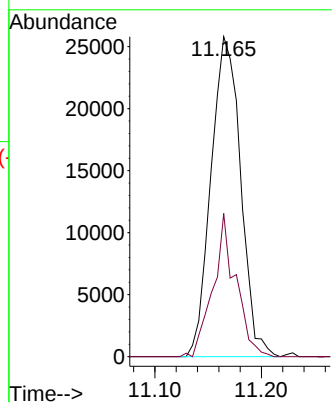
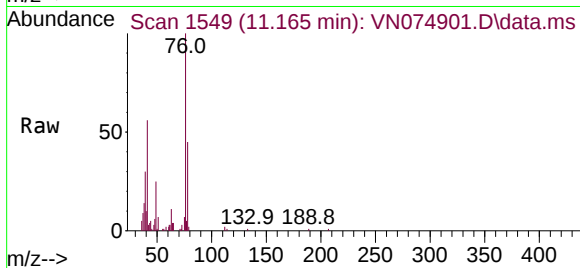
VSTDICC005

Tgt Ion: 76 Resp: 49778

Ion Ratio Lower Upper

76 100

78 34.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 23.658 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN074901.D

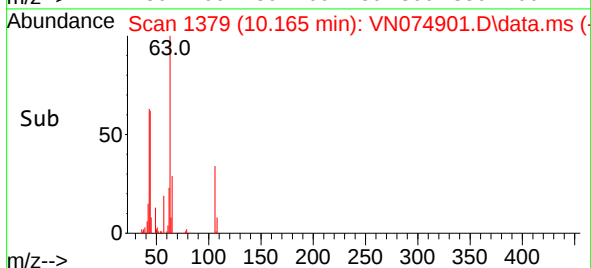
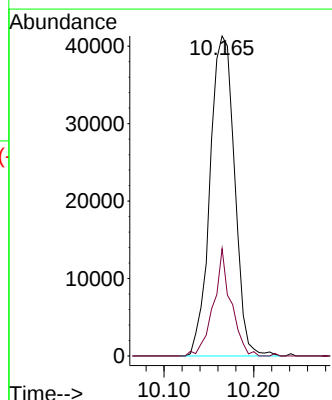
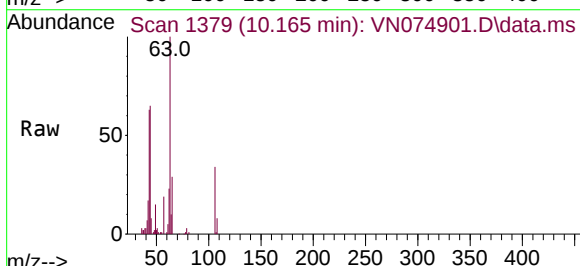
Acq: 14 Oct 2022 10:22

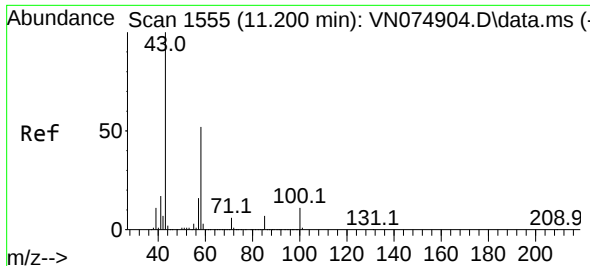
Tgt Ion: 63 Resp: 78457

Ion Ratio Lower Upper

63 100

106 24.0 20.8 31.2

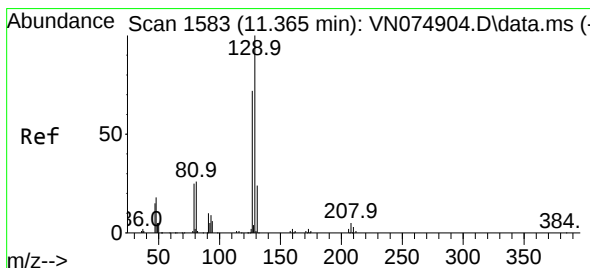
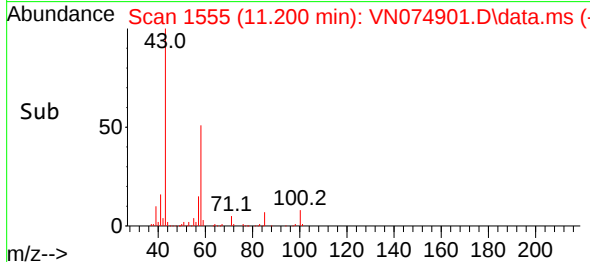
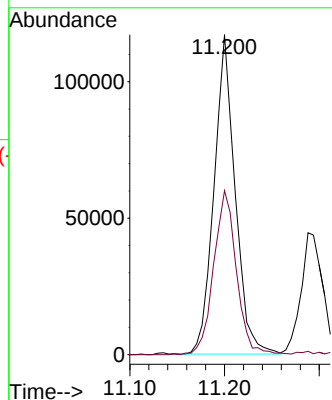
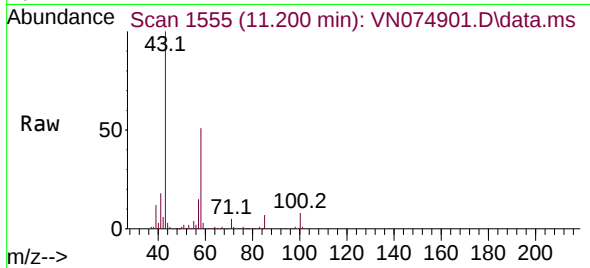




#59
2-Hexanone
Concen: 22.936 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

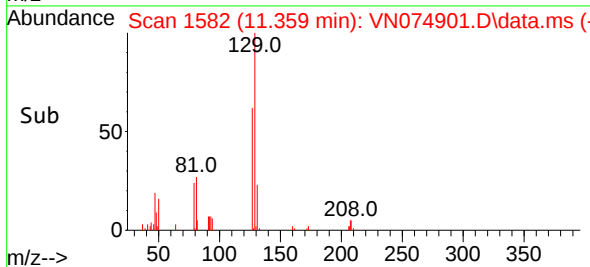
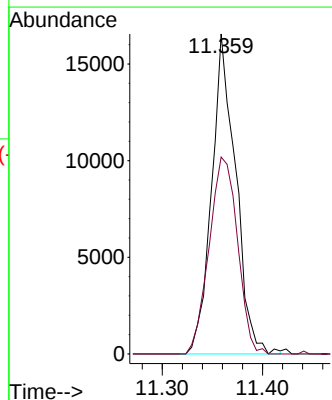
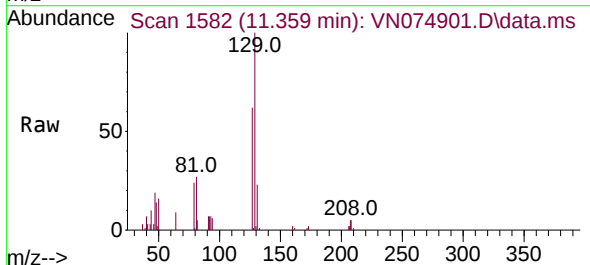
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

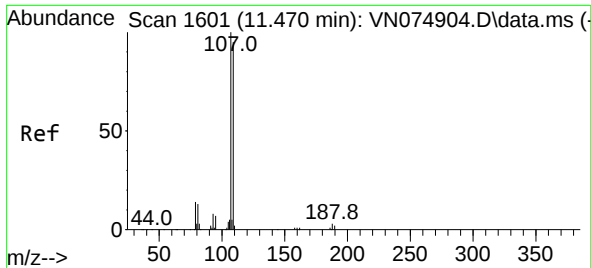
Tgt Ion: 43 Resp: 180961
Ion Ratio Lower Upper
43 100
58 55.5 26.8 80.3



#60
Dibromochloromethane
Concen: 4.713 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 129 Resp: 27489
Ion Ratio Lower Upper
129 100
127 72.7 38.8 116.3

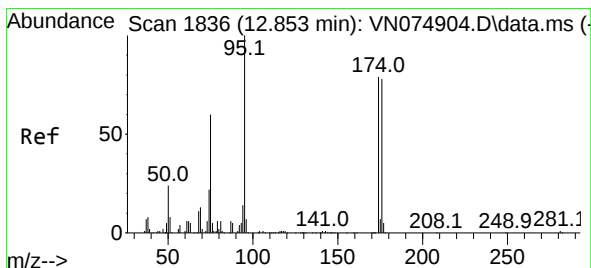
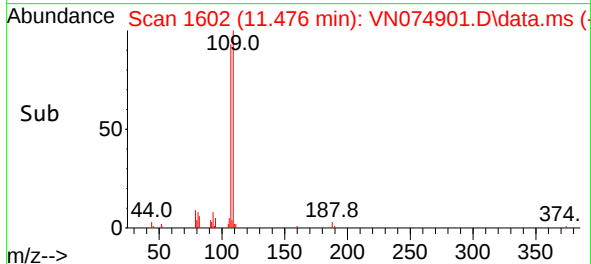
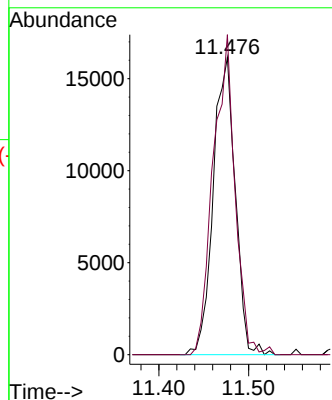
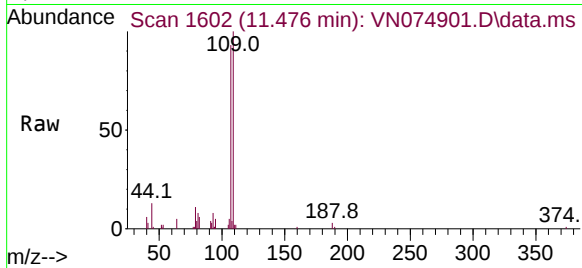




#61
1,2-Dibromoethane
Concen: 4.785 ug/l
RT: 11.476 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

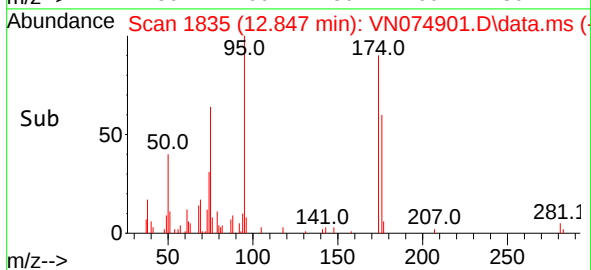
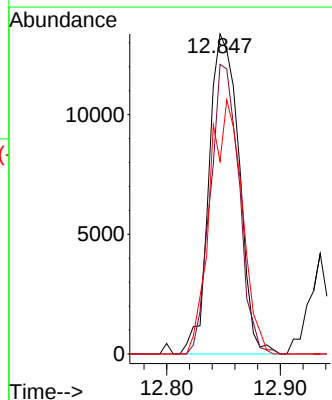
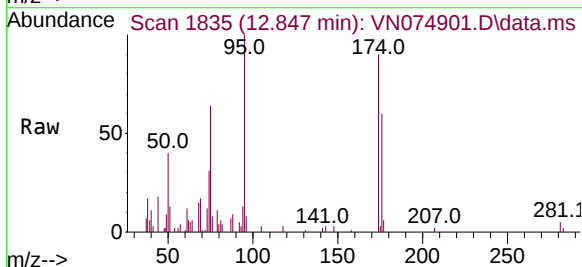
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

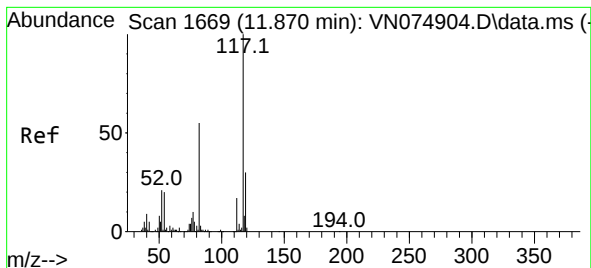
Tgt Ion:107 Resp: 27543
Ion Ratio Lower Upper
107 100
109 106.9 74.1 111.1



#62
4-Bromofluorobenzene
Concen: 4.158 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 95 Resp: 24508
Ion Ratio Lower Upper
95 100
174 86.4 0.0 159.4
176 85.3 0.0 152.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074901.D

Acq: 14 Oct 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

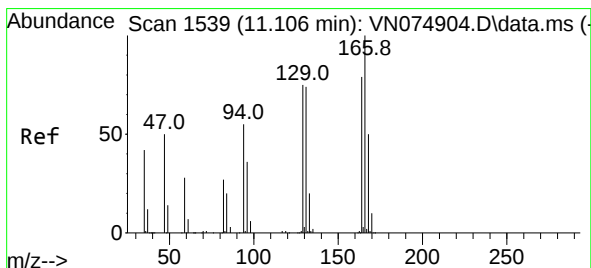
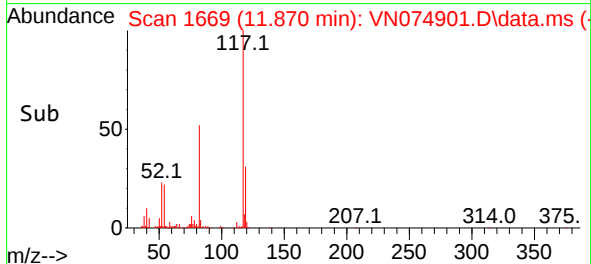
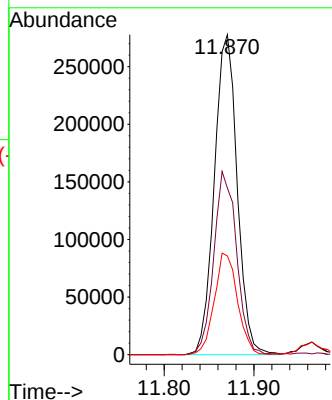
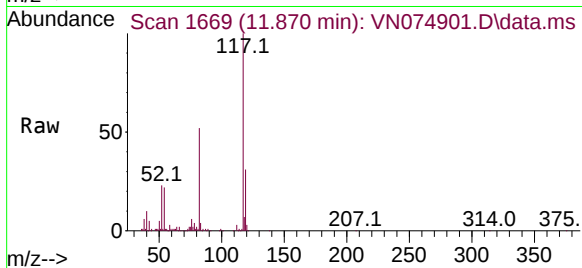
Tgt Ion:117 Resp: 491735

Ion Ratio Lower Upper

117 100

82 52.1 44.2 66.2

119 30.9 24.4 36.6



#64

Tetrachloroethene

Concen: 4.853 ug/l

RT: 11.112 min Scan# 1540

Delta R.T. 0.006 min

Lab File: VN074901.D

Acq: 14 Oct 2022 10:22

Tgt Ion:164 Resp: 19208

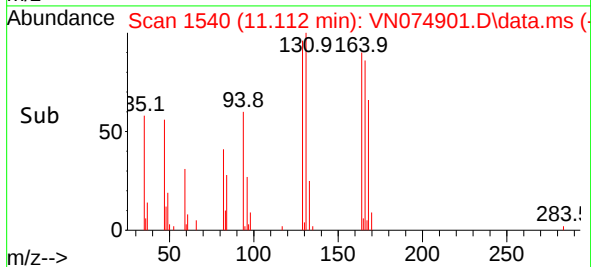
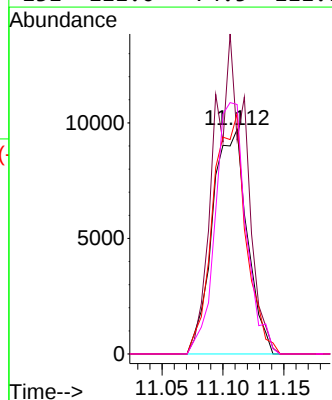
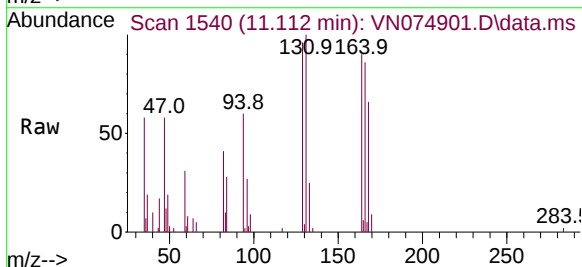
Ion Ratio Lower Upper

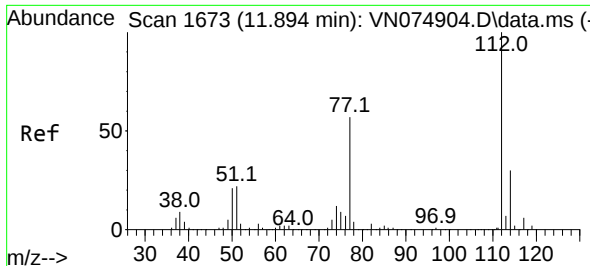
164 100

166 95.1 100.9 151.3#

129 106.9 75.2 112.8

131 111.0 74.5 111.7

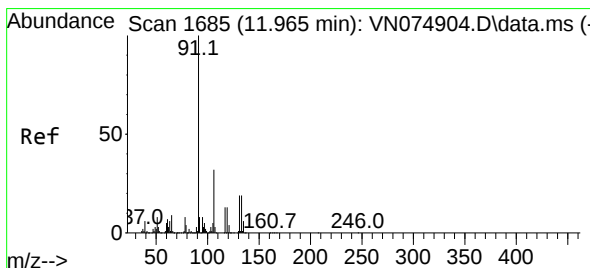
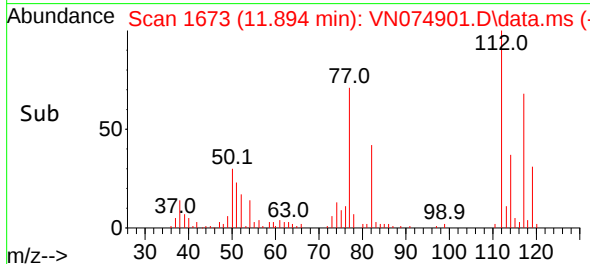
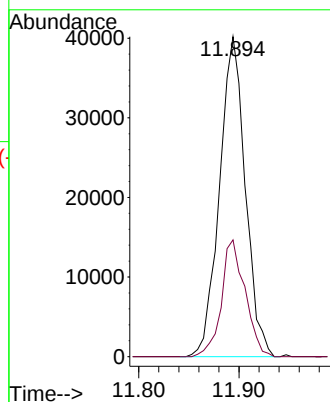
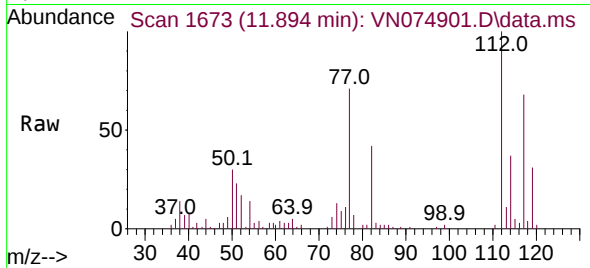




#65
Chlorobenzene
Concen: 5.056 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

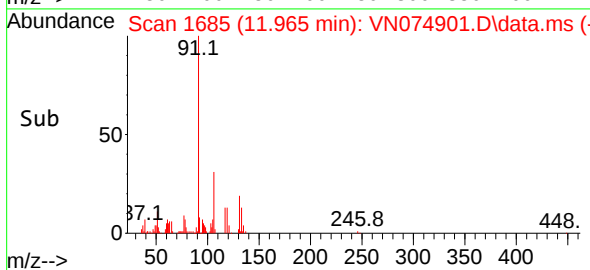
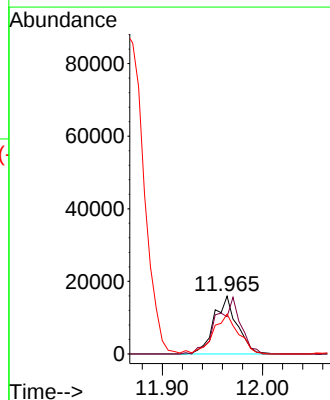
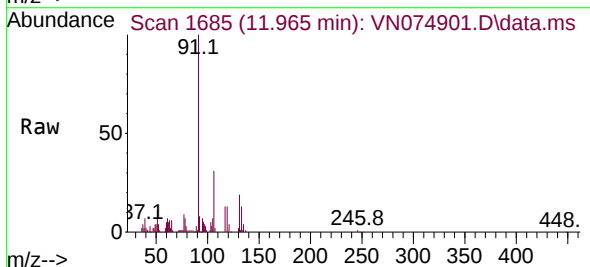
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

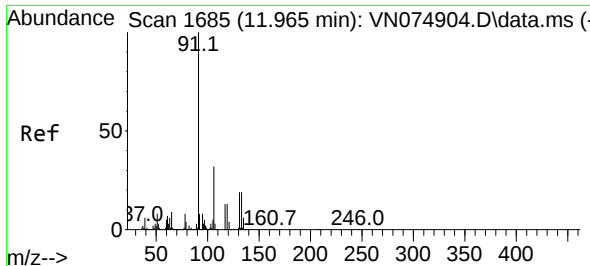
Tgt Ion:112 Resp: 71745
Ion Ratio Lower Upper
112 100
114 36.5 23.9 35.9#



#66
1,1,1,2-Tetrachloroethane
Concen: 4.769 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion:131 Resp: 25378
Ion Ratio Lower Upper
131 100
133 101.8 48.3 144.8
119 76.5 34.5 103.5

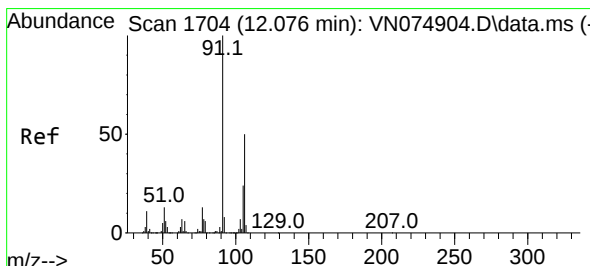
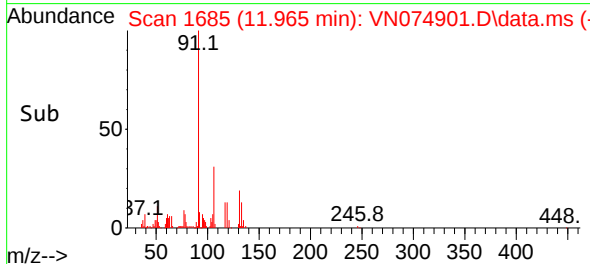
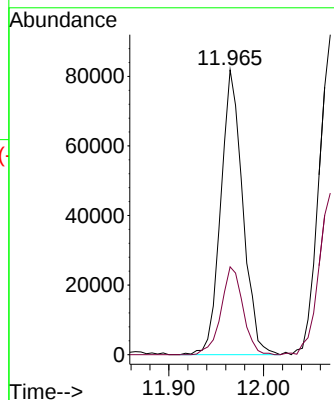
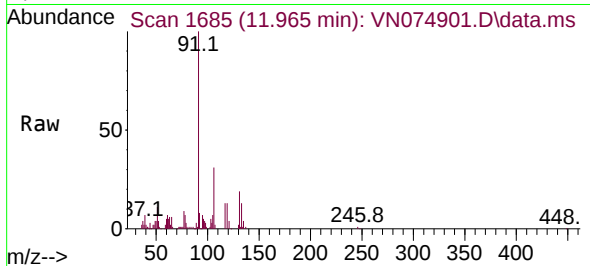




#67
Ethyl Benzene
Concen: 5.079 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

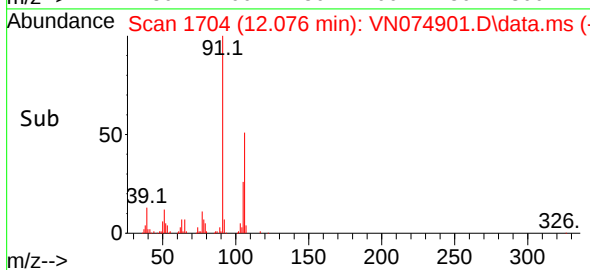
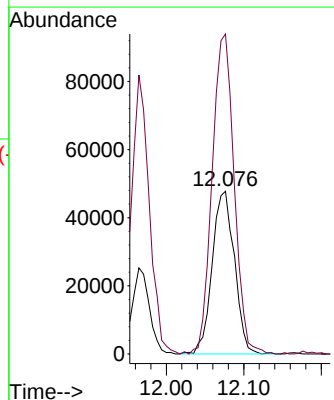
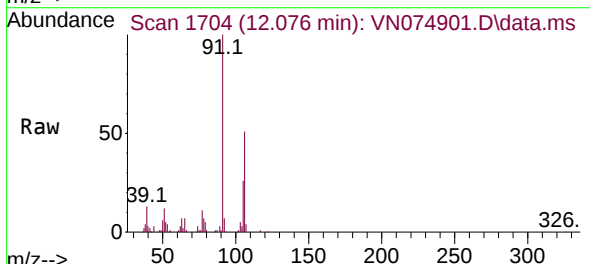
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

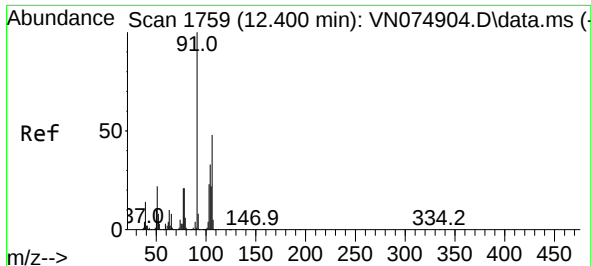
Tgt Ion: 91 Resp: 132159
Ion Ratio Lower Upper
91 100
106 30.9 25.8 38.8



#68
m/p-Xylenes
Concen: 9.875 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 106 Resp: 95670
Ion Ratio Lower Upper
106 100
91 194.3 161.5 242.3

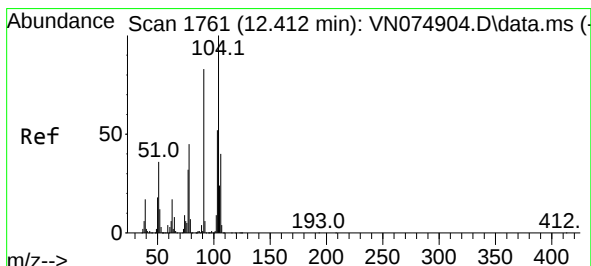
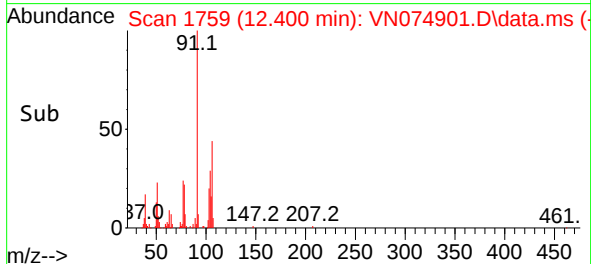
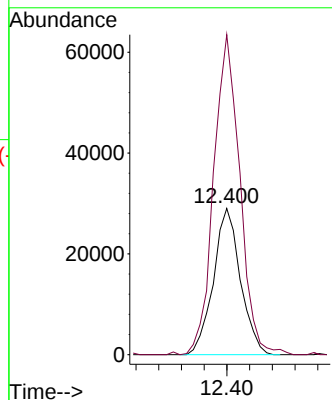
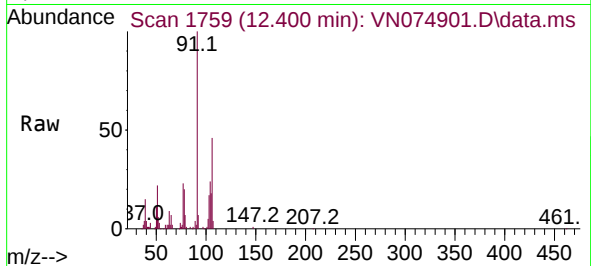




#69
o-Xylene
Concen: 4.840 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

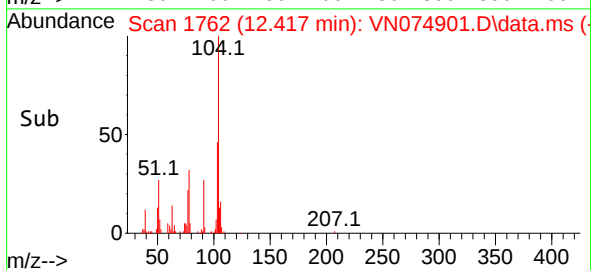
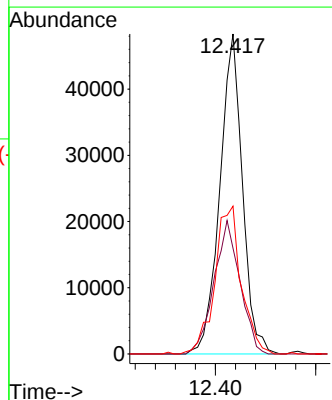
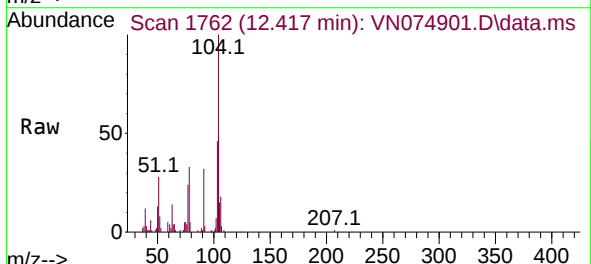
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

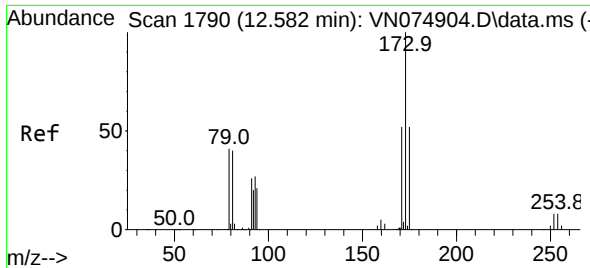
Tgt Ion:106 Resp: 47894
Ion Ratio Lower Upper
106 100
91 212.6 106.5 319.6



#70
Styrene
Concen: 4.819 ug/l
RT: 12.417 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion:104 Resp: 75639
Ion Ratio Lower Upper
104 100
78 47.9 38.8 58.2
103 54.1 43.4 65.0

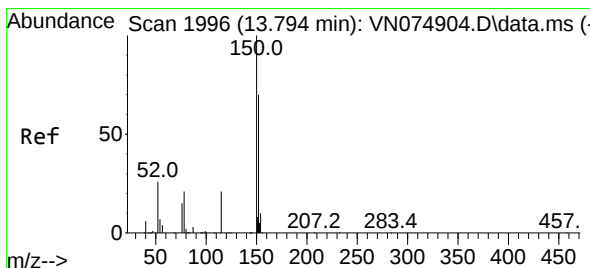
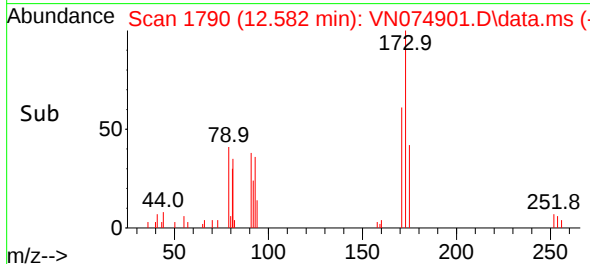
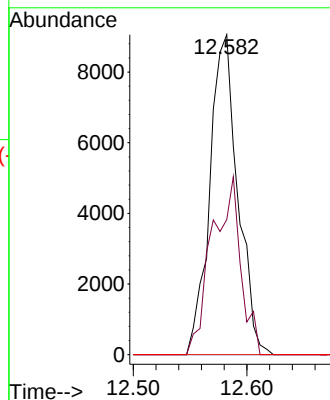
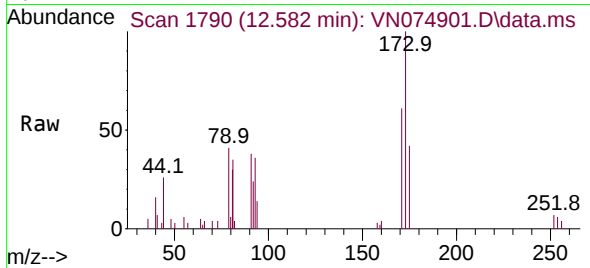




#71
Bromoform
Concen: 4.216 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

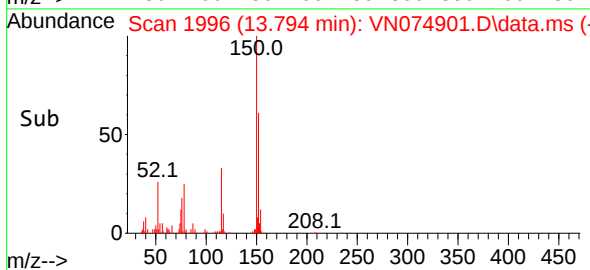
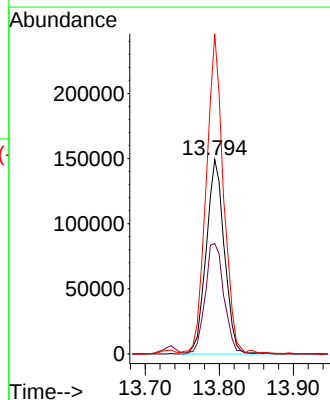
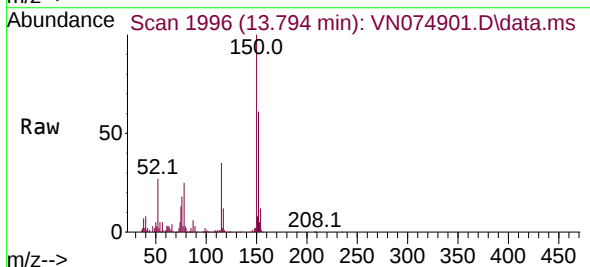
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

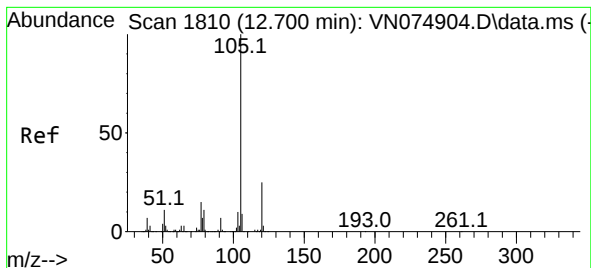
Tgt Ion:173 Resp: 15538
Ion Ratio Lower Upper
173 100
175 57.1 25.2 75.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion:152 Resp: 253172
Ion Ratio Lower Upper
152 100
115 58.7 28.9 86.7
150 156.1 0.0 350.4





#73

Isopropylbenzene

Concen: 5.155 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN074901.D

Acq: 14 Oct 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

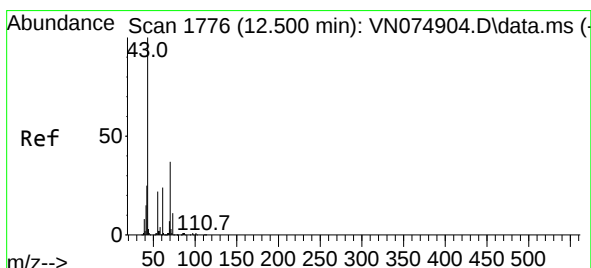
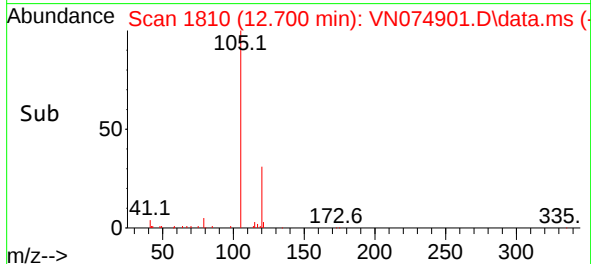
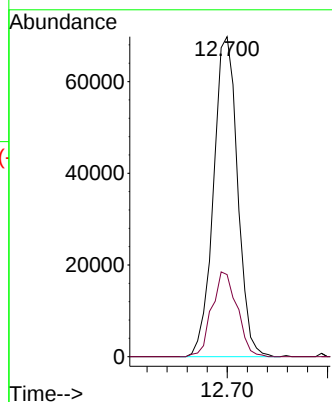
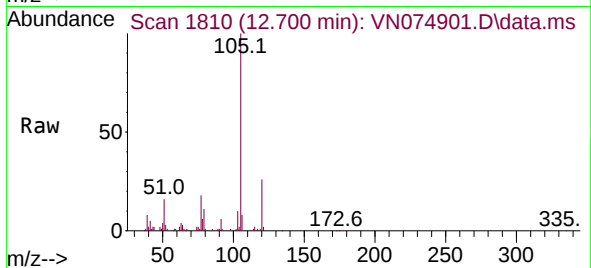
VSTDIC005

Tgt Ion:105 Resp: 116086

Ion Ratio Lower Upper

105 100

120 27.9 13.0 39.0



#74

N-ethyl acetate

Concen: 5.121 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VN074901.D

Acq: 14 Oct 2022 10:22

Tgt Ion: 43 Resp: 62600

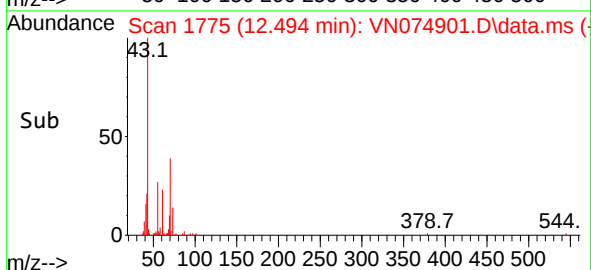
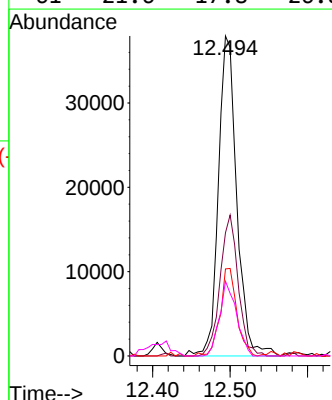
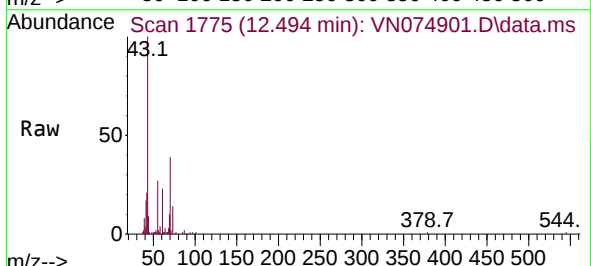
Ion Ratio Lower Upper

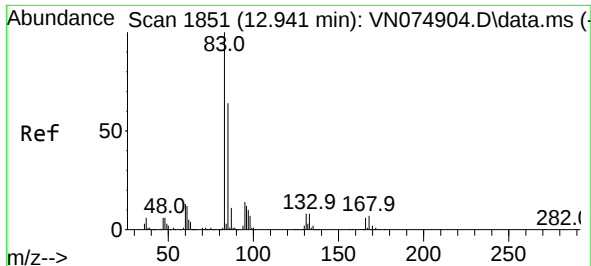
43 100

70 43.4 31.5 47.3

55 24.9 18.2 27.4

61 21.6 17.8 26.8

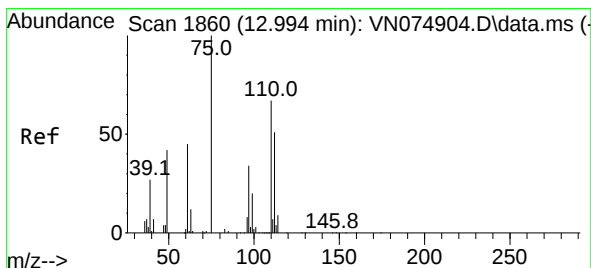
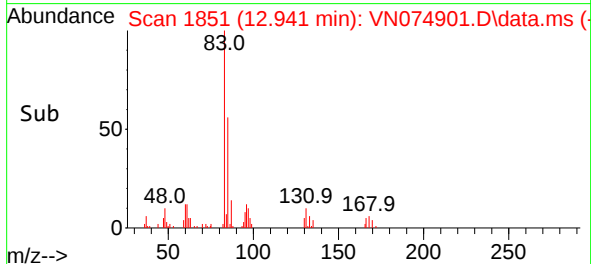
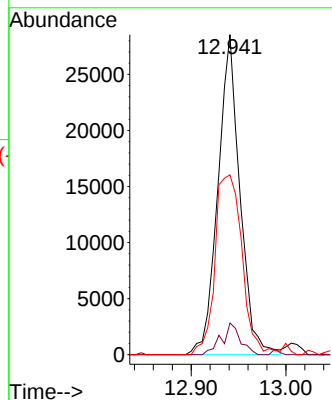
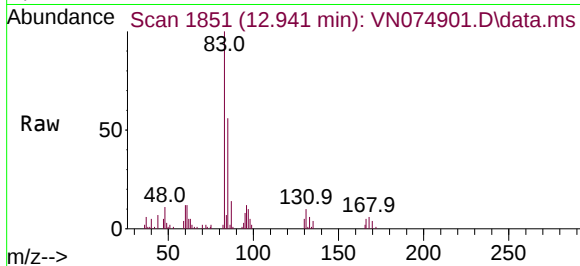




#75
1,1,2,2-Tetrachloroethane
Concen: 5.170 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

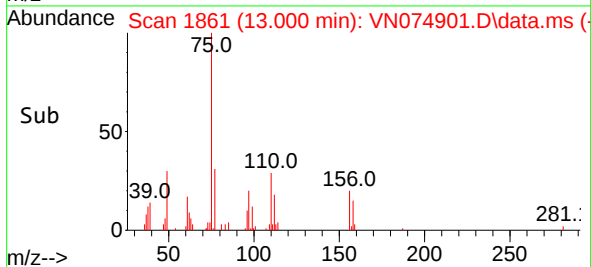
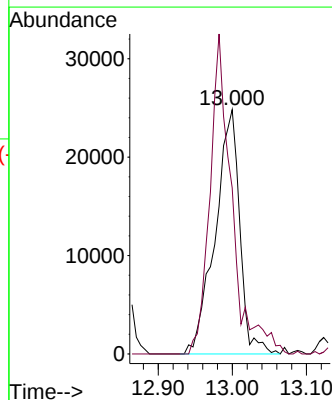
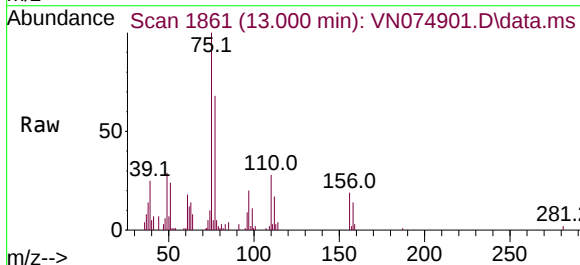
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

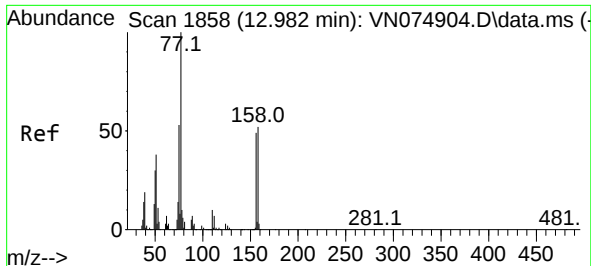
Tgt Ion: 83 Resp: 46113
Ion Ratio Lower Upper
83 100
131 8.4 4.5 13.5
85 68.8 32.5 97.5



#76
1,2,3-Trichloropropane
Concen: 8.207 ug/l
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 75 Resp: 57081
Ion Ratio Lower Upper
75 100
77 117.2 77.8 233.4

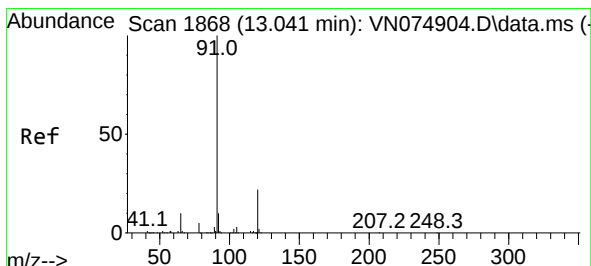
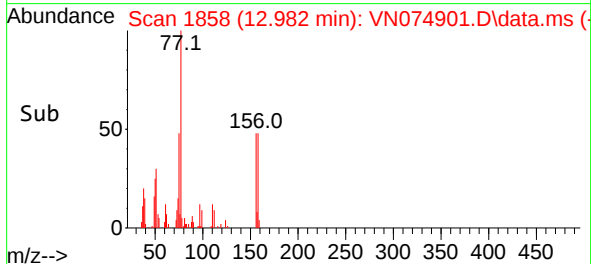
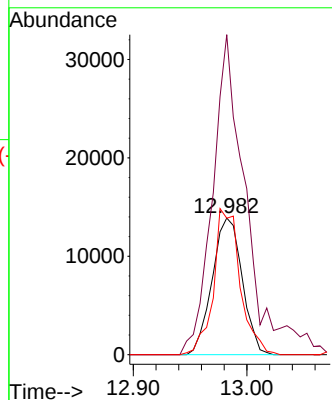
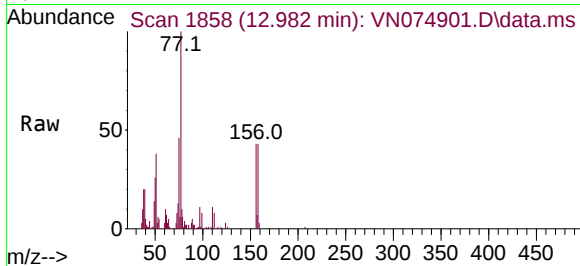




#77
Bromobenzene
Concen: 5.106 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

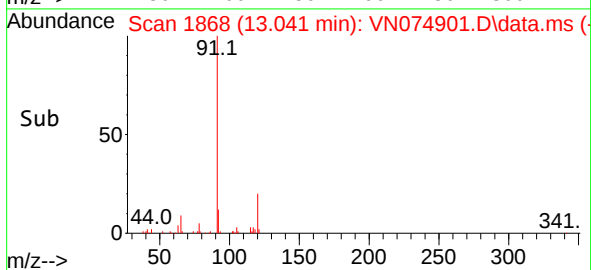
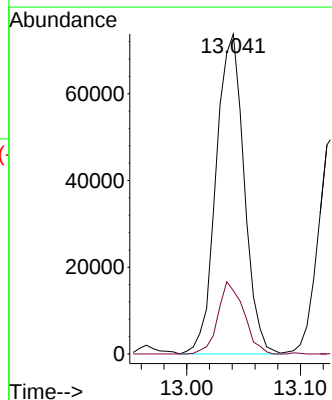
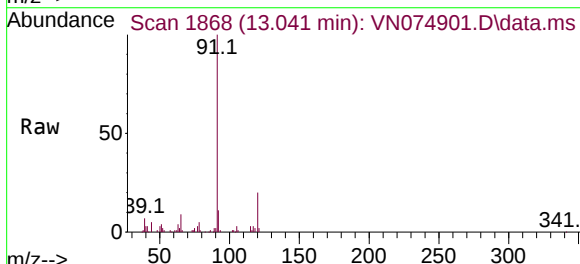
Instrument :
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ClientSampleId :
VSTDIC005

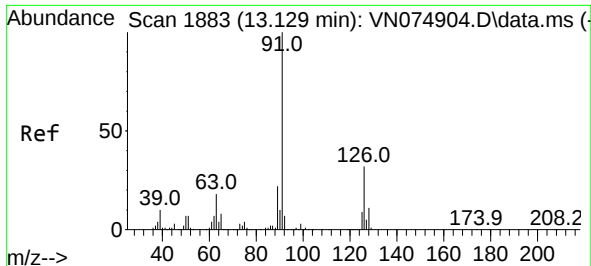
Tgt Ion:156 Resp: 25470
Ion Ratio Lower Upper
156 100
77 262.7 116.3 348.9
158 95.3 47.9 143.7



#78
n-propylbenzene
Concen: 4.929 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 91 Resp: 126708
Ion Ratio Lower Upper
91 100
120 20.7 10.9 32.9

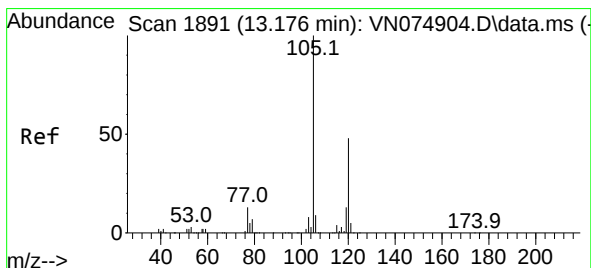
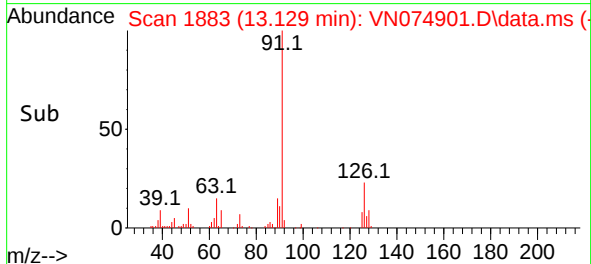
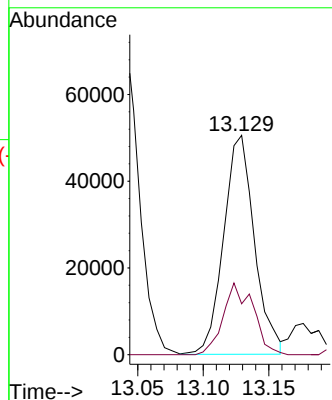
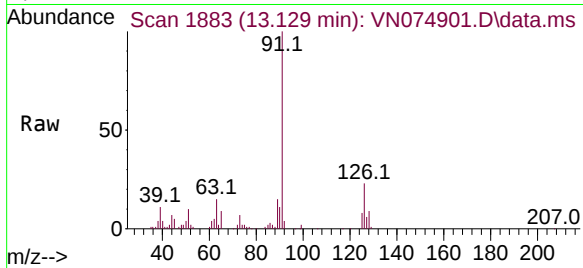




#79
2-Chlorotoluene
Concen: 5.372 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

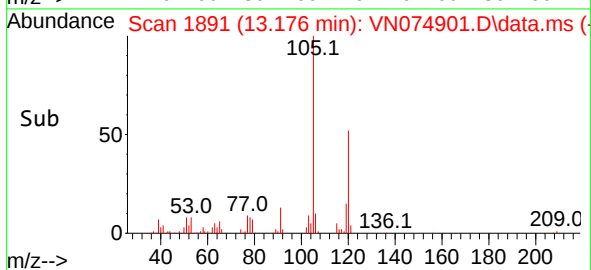
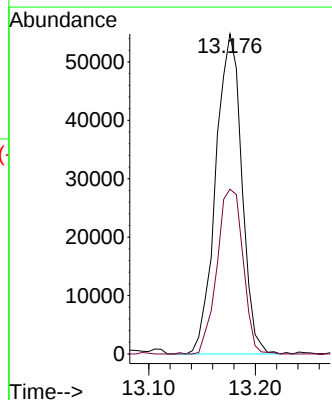
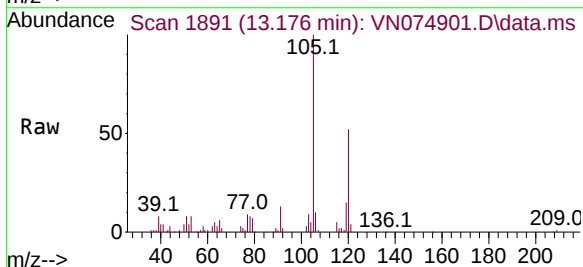
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

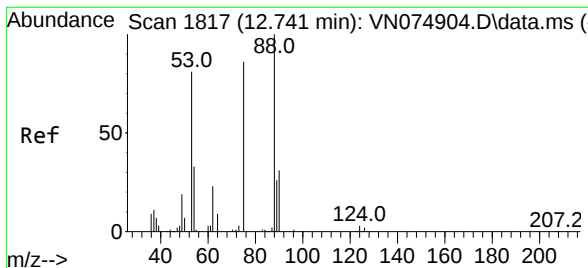
Tgt Ion: 91 Resp: 82569
Ion Ratio Lower Upper
91 100
126 31.9 15.8 47.3



#80
1,3,5-Trimethylbenzene
Concen: 5.074 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 105 Resp: 92886
Ion Ratio Lower Upper
105 100
120 51.4 23.9 71.8

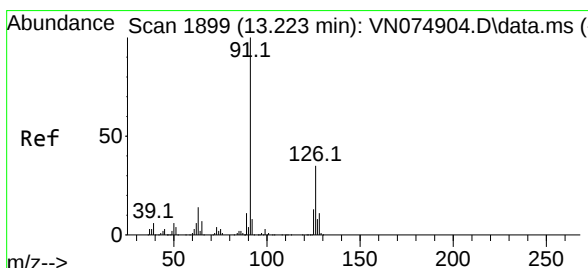
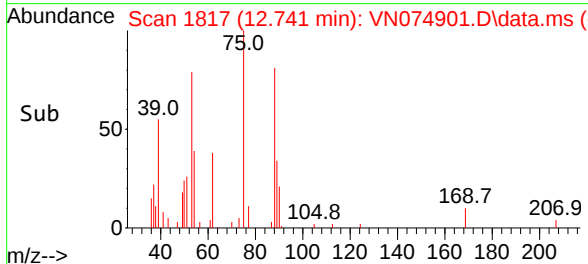
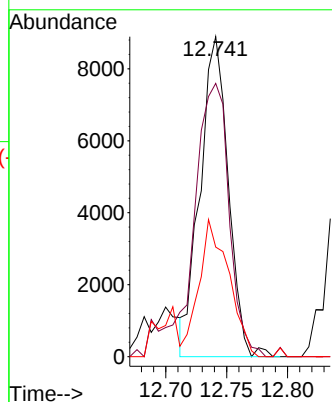
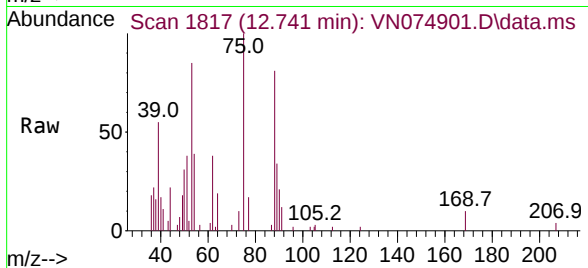




#81
trans-1,4-Dichloro-2-butene
Concen: 5.260 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

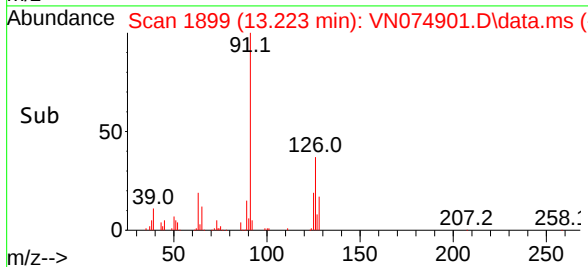
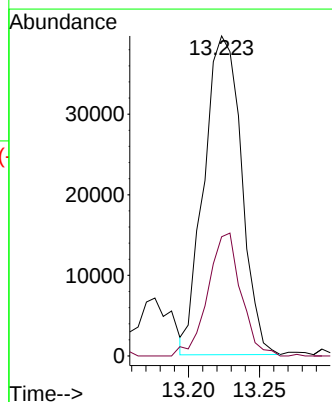
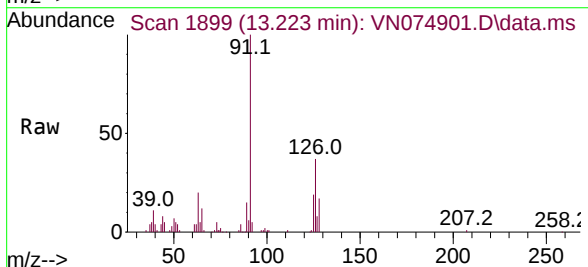
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

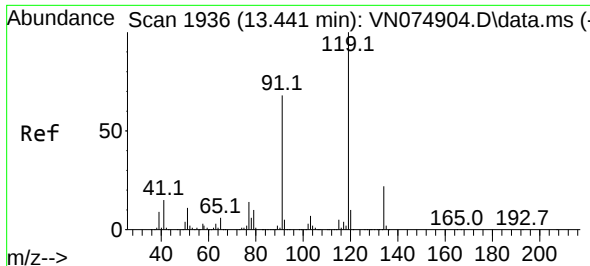
Tgt Ion: 75 Resp: 14308
Ion Ratio Lower Upper
75 100
53 110.1 87.0 130.4
89 45.6 32.5 48.7



#82
4-Chlorotoluene
Concen: 5.045 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 91 Resp: 72520
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.1

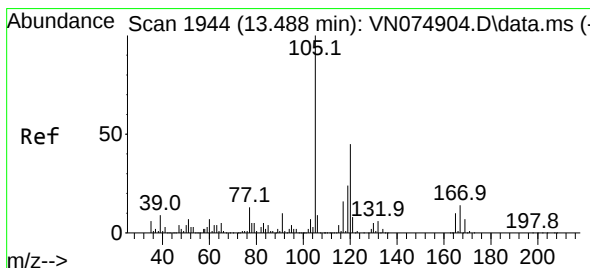
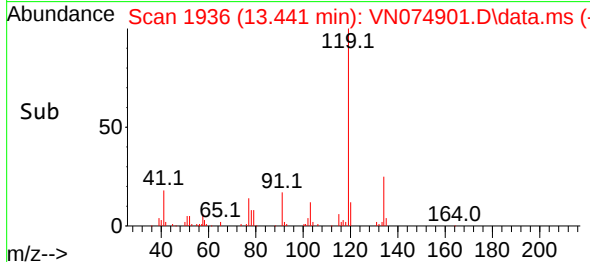
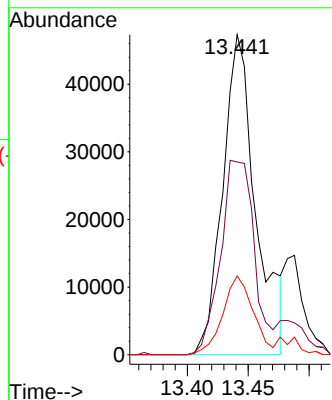
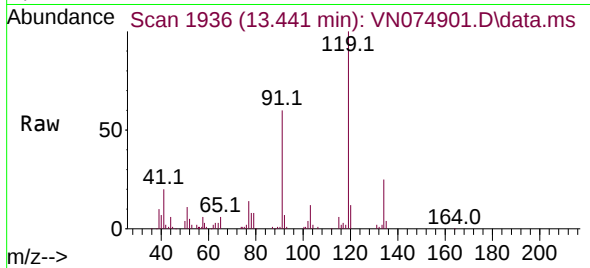




#83
 tert-Butylbenzene
 Concen: 5.652 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. 0.000 min
 Lab File: VN074901.D
 Acq: 14 Oct 2022 10:22

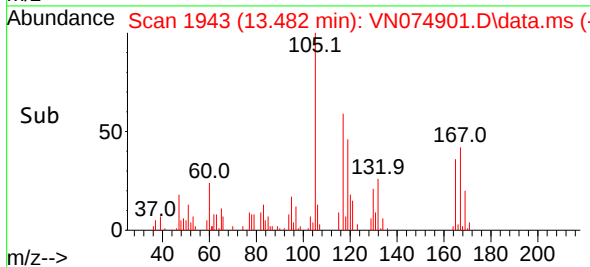
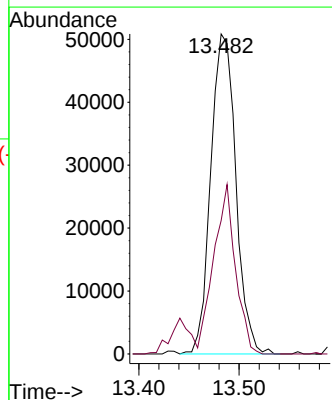
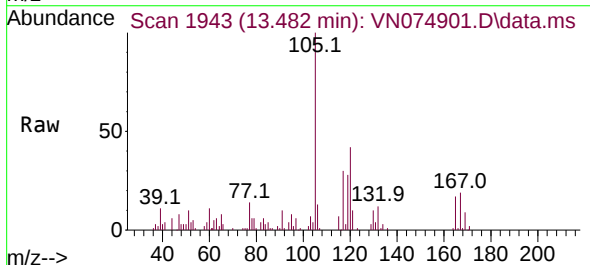
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

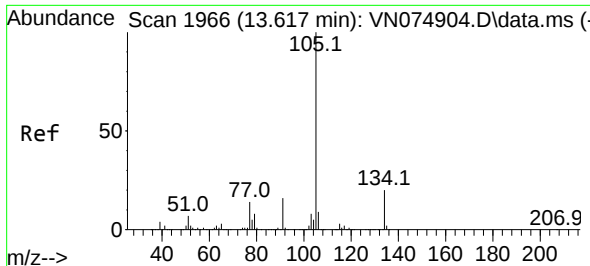
Tgt Ion:119 Resp: 89417
 Ion Ratio Lower Upper
 119 100
 91 62.0 32.9 98.7
 134 22.7 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 4.902 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.006 min
 Lab File: VN074901.D
 Acq: 14 Oct 2022 10:22

Tgt Ion:105 Resp: 88172
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.1 66.3

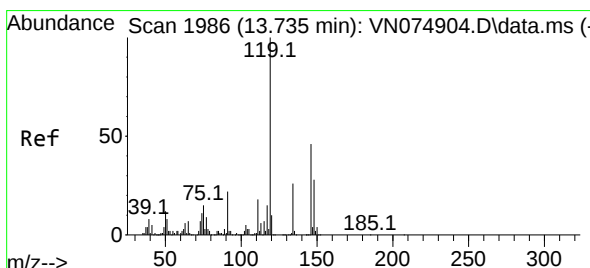
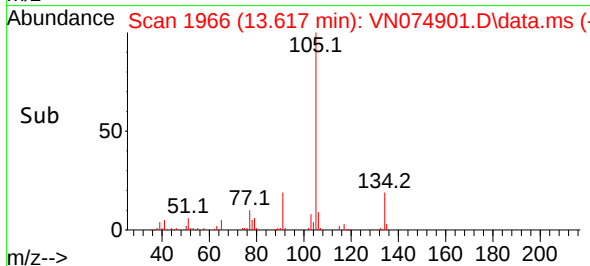
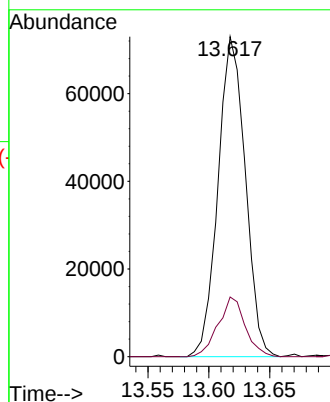
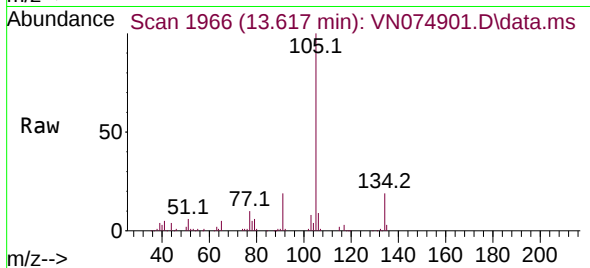




#85
 sec-Butylbenzene
 Concen: 4.983 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074901.D
 Acq: 14 Oct 2022 10:22

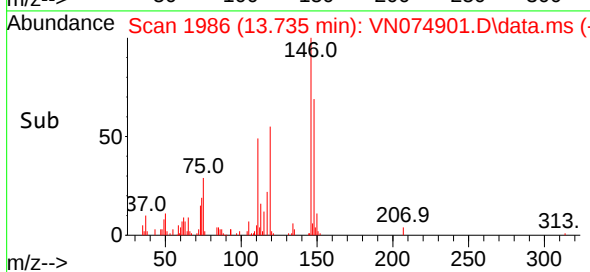
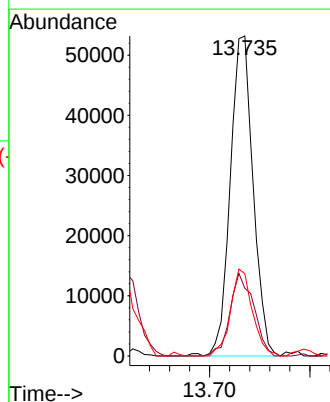
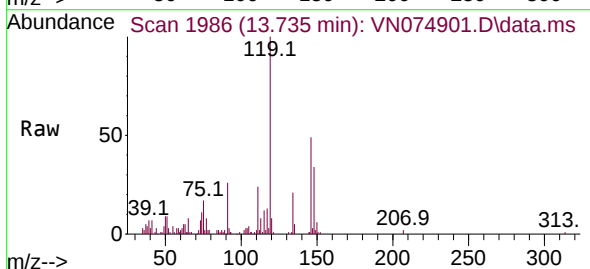
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

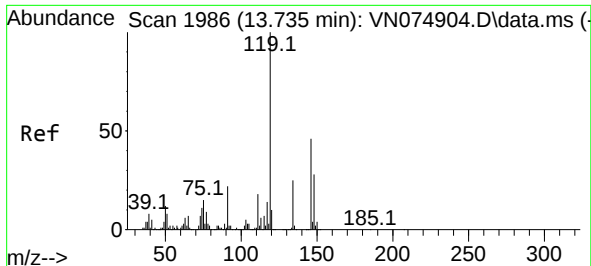
Tgt Ion:105 Resp: 113673
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 4.645 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN074901.D
 Acq: 14 Oct 2022 10:22

Tgt Ion:119 Resp: 84210
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.7 38.1
 91 26.1 11.5 34.5

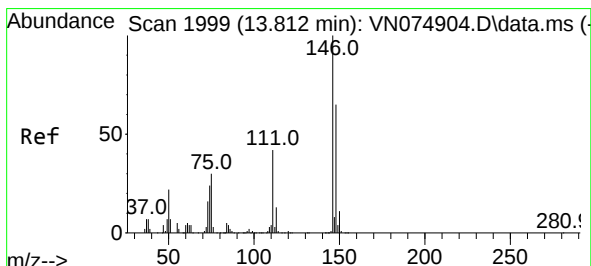
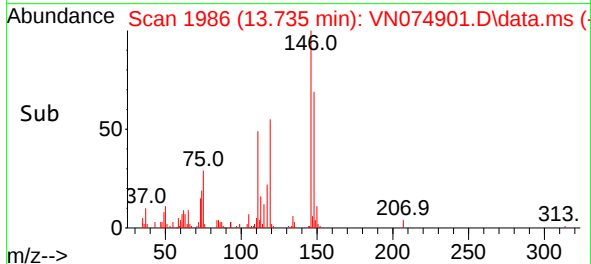
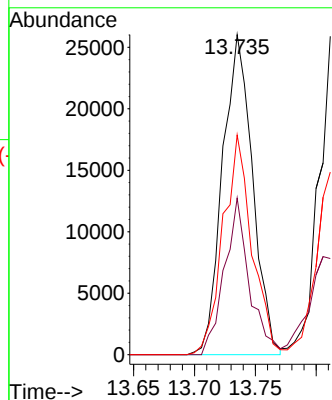
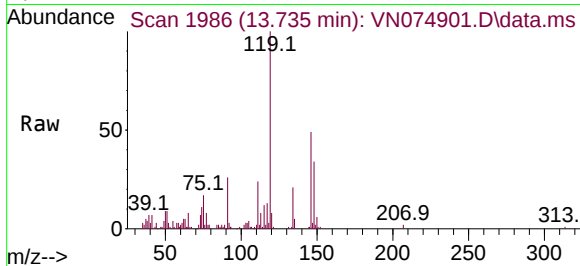




#87
 1,3-Dichlorobenzene
 Concen: 4.780 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN074901.D
 Acq: 14 Oct 2022 10:22

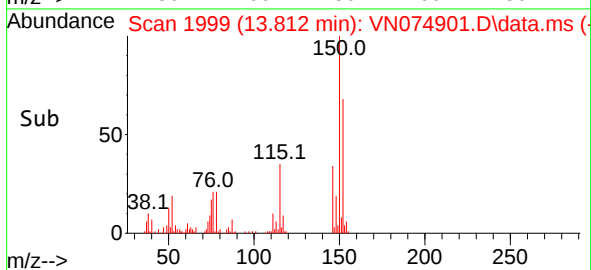
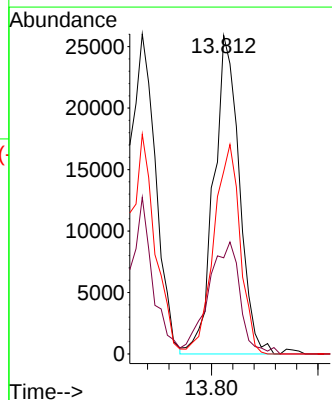
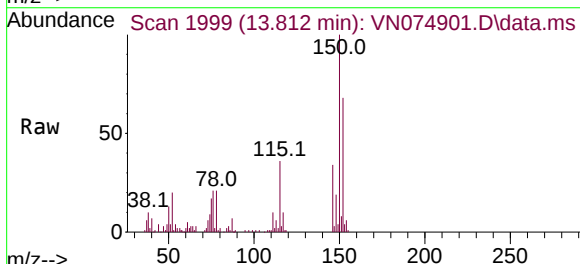
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

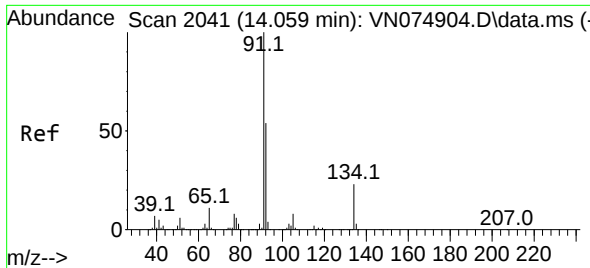
Tgt Ion:146 Resp: 44726
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.9 59.7
 148 66.2 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 4.656 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN074901.D
 Acq: 14 Oct 2022 10:22

Tgt Ion:146 Resp: 42990
 Ion Ratio Lower Upper
 146 100
 111 44.1 20.2 60.6
 148 67.9 31.8 95.3

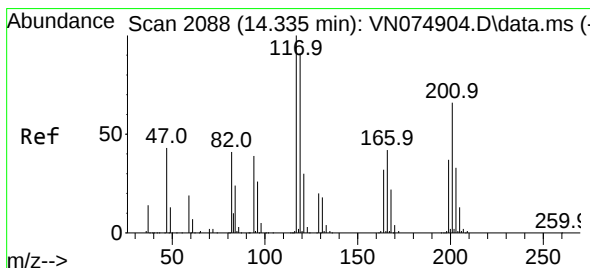
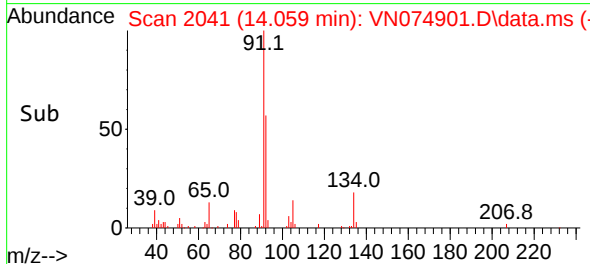
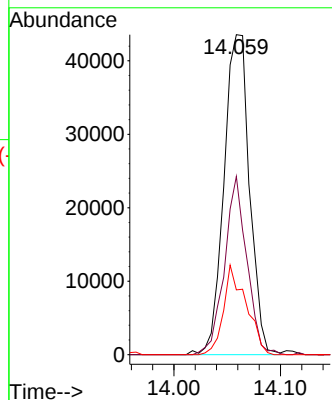
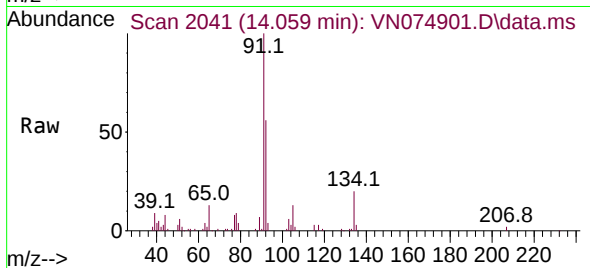




#89
n-Butylbenzene
Concen: 4.718 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

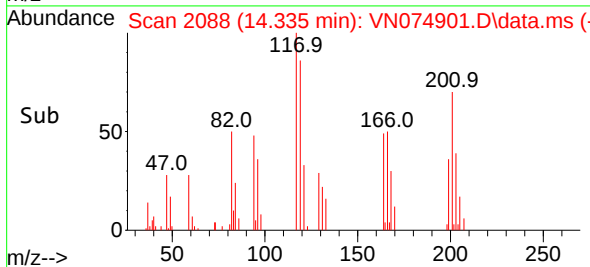
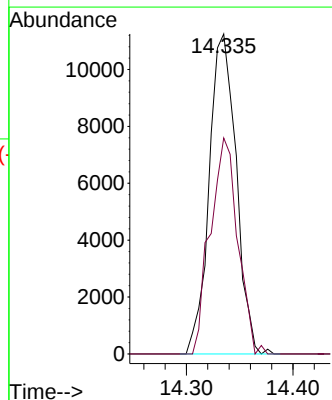
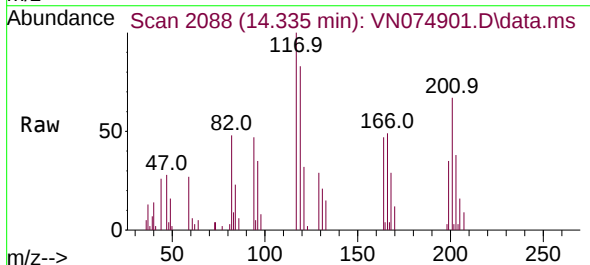
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

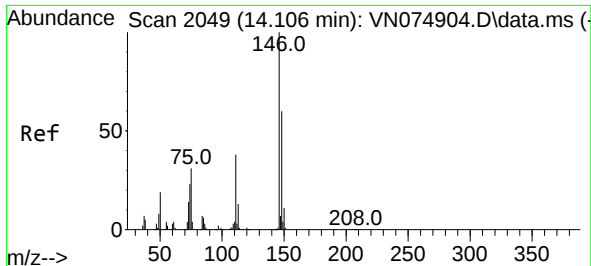
Tgt Ion: 91 Resp: 72873
Ion Ratio Lower Upper
91 100
92 48.6 25.9 77.8
134 24.7 11.6 34.7



#90
Hexachloroethane
Concen: 5.075 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 117 Resp: 19751
Ion Ratio Lower Upper
117 100
201 69.1 33.4 100.1

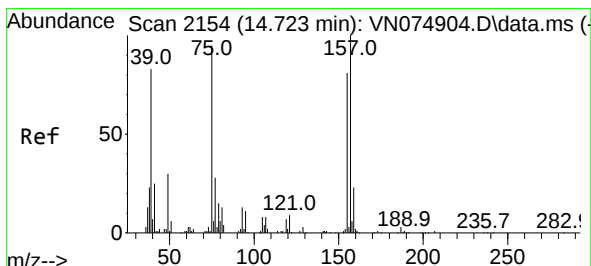
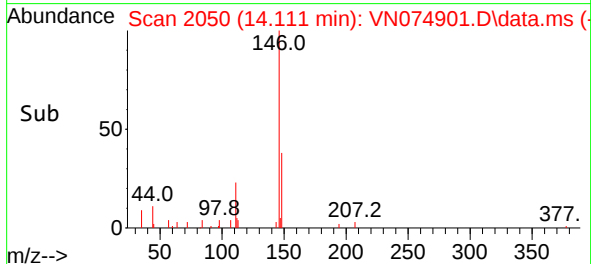
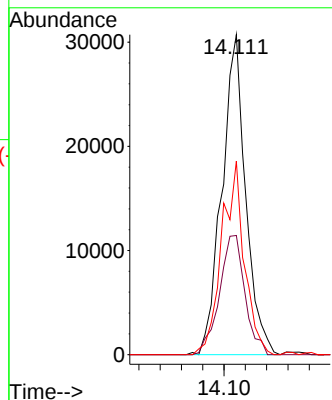
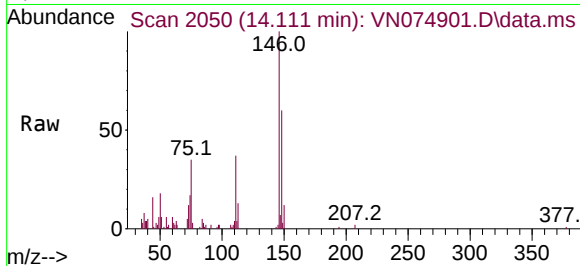




#91
1,2-Dichlorobenzene
Concen: 4.894 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

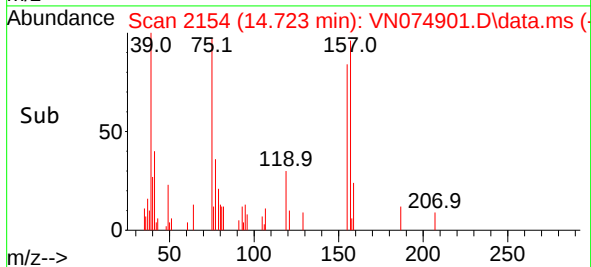
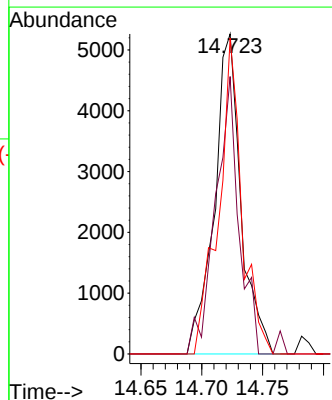
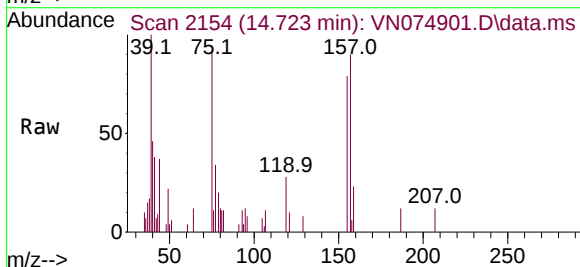
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

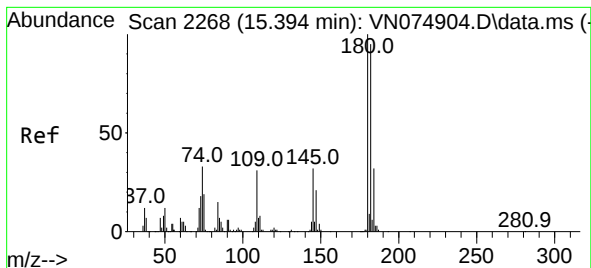
Tgt Ion:146 Resp: 47502
Ion Ratio Lower Upper
146 100
111 40.0 20.5 61.5
148 57.4 31.3 93.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.832 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion: 75 Resp: 7995
Ion Ratio Lower Upper
75 100
155 76.8 39.4 118.1
157 86.6 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 4.611 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN074901.D

Acq: 14 Oct 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

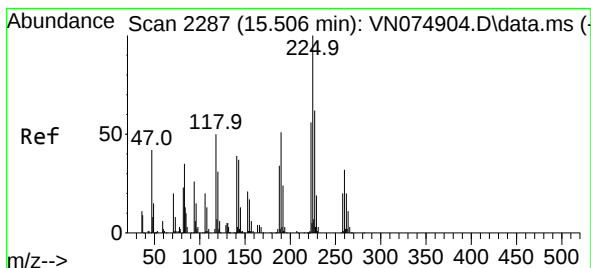
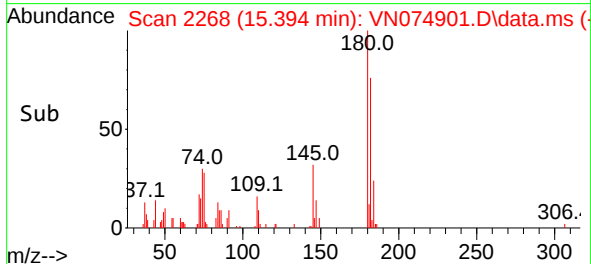
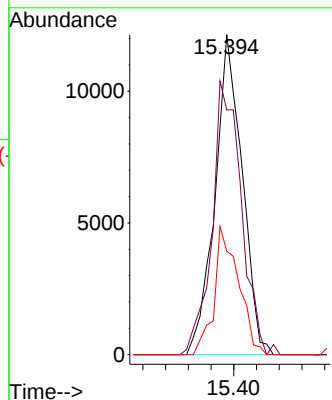
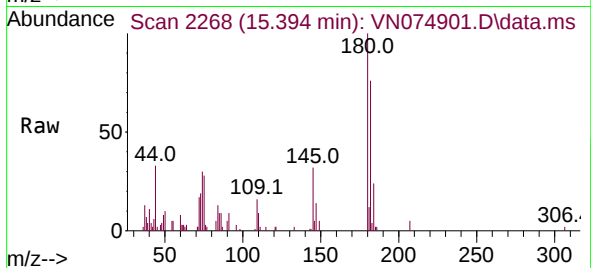
Tgt Ion:180 Resp: 20244

Ion Ratio Lower Upper

180 100

182 91.4 45.8 137.4

145 35.7 14.7 44.1



#94

Hexachlorobutadiene

Concen: 4.777 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN074901.D

Acq: 14 Oct 2022 10:22

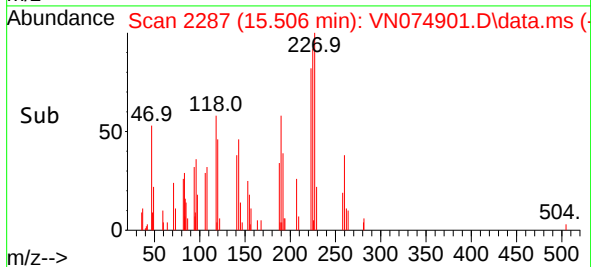
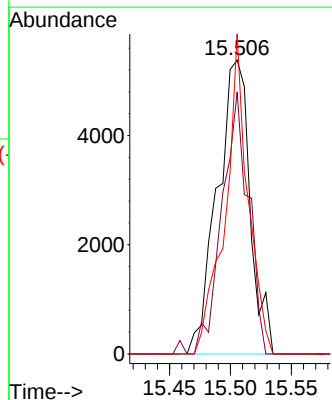
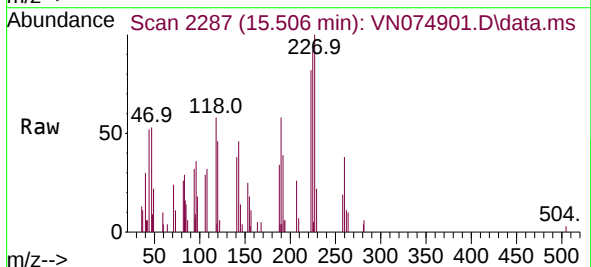
Tgt Ion:225 Resp: 10072

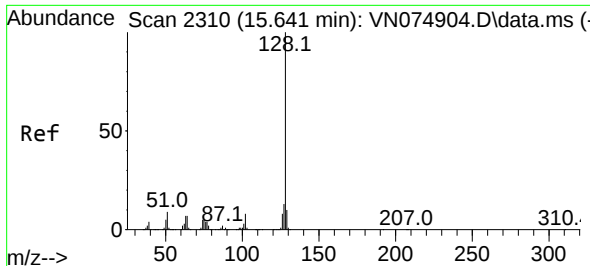
Ion Ratio Lower Upper

225 100

223 72.1 30.1 90.5

227 76.4 31.4 94.0

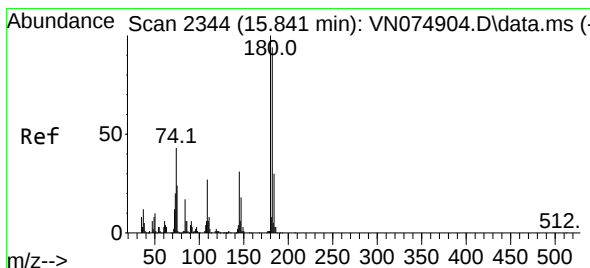
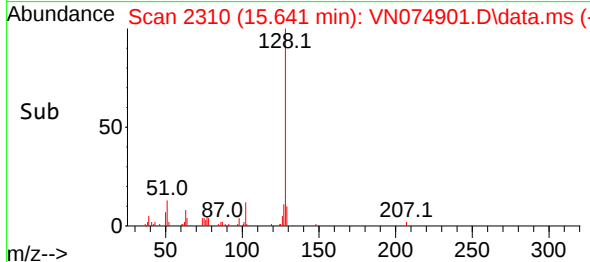
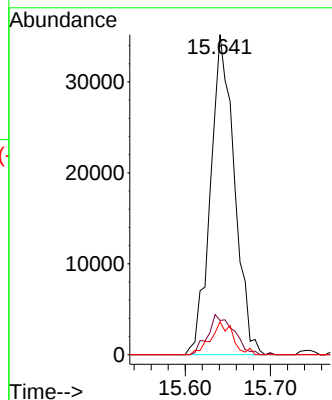
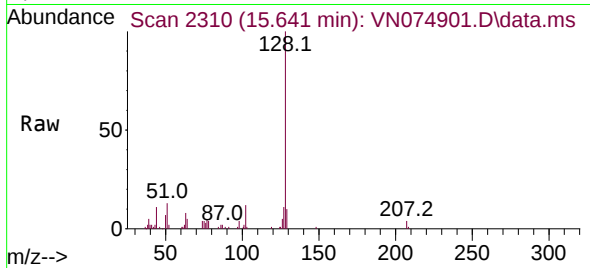




#95
Naphthalene
Concen: 4.375 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 68760
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 9.5 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 4.335 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN074901.D
Acq: 14 Oct 2022 10:22

Tgt Ion:180 Resp: 18030
Ion Ratio Lower Upper
180 100
182 89.6 48.0 144.0
145 33.9 15.7 47.0

