

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075664.D
 Acq On : 09 Dec 2022 12:57
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Dec 12 08:16:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	216274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	343018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	302030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	11371	4.955	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	9.920%#
35) Dibromofluoromethane	8.165	113	10709	5.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.240%#
50) Toluene-d8	10.571	98	37072	4.717	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	9.440%#
62) 4-Bromofluorobenzene	12.853	95	13108	4.878	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	9.760%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	8892	5.590	ug/l	95
3) Chloromethane	2.371	50	9727	5.132	ug/l	98
4) Vinyl Chloride	2.524	62	12059	5.180	ug/l	97
5) Bromomethane	2.942	94	10638	5.365	ug/l	95
6) Chloroethane	3.112	64	8664	4.988	ug/l	93
7) Trichlorofluoromethane	3.506	101	17616	5.216	ug/l	93
8) Diethyl Ether	3.977	74	5797	4.695	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.383	101	10559	5.327	ug/l	94
10) Methyl Iodide	4.600	142	16046	4.954	ug/l	99
11) Tert butyl alcohol	5.530	59	8858	26.093	ug/l #	80
12) 1,1-Dichloroethene	4.359	96	9081	4.901	ug/l	97
13) Acrolein	4.189	56	9713	24.843	ug/l	97
14) Allyl chloride	5.036	41	11831	5.128	ug/l	92
15) Acrylonitrile	5.730	53	21536	24.560	ug/l	99
16) Acetone	4.448	43	18904	24.326	ug/l	97
17) Carbon Disulfide	4.718	76	23974	4.890	ug/l	100
18) Methyl Acetate	5.042	43	12049	4.825	ug/l #	68
19) Methyl tert-butyl Ether	5.812	73	30201	4.846	ug/l	98
20) Methylene Chloride	5.289	84	11819	5.102	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	9915	4.789	ug/l	100
22) Diisopropyl ether	6.683	45	25376	4.834	ug/l	95
23) Vinyl Acetate	6.612	43	95530	23.864	ug/l	100
24) 1,1-Dichloroethane	6.577	63	17523	5.071	ug/l	94
25) 2-Butanone	7.489	43	28824	25.372	ug/l	93
26) 2,2-Dichloropropane	7.500	77	14353	4.870	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	11826	4.705	ug/l	92
28) Bromochloromethane	7.818	49	6566	4.752	ug/l #	94
29) Tetrahydrofuran	7.841	42	16499	23.563	ug/l	98
30) Chloroform	7.971	83	18916	4.942	ug/l	91
31) Cyclohexane	8.265	56	18863	5.552	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	17161	4.860	ug/l	95
36) 1,1-Dichloropropene	8.383	75	13328	4.796	ug/l	99
37) Ethyl Acetate	7.571	43	10854	4.865	ug/l	95
38) Carbon Tetrachloride	8.371	117	15905	4.960	ug/l	92
39) Methylcyclohexane	9.606	83	17069	4.844	ug/l	91
40) Benzene	8.612	78	43074	5.051	ug/l	94

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	5542	4.844	ug/l	99
42) 1,2-Dichloroethane	8.677	62	14877	5.215	ug/l	97
43) Isopropyl Acetate	8.694	43	18097	4.858	ug/l	99
44) Trichloroethene	9.359	130	11953	4.968	ug/l	82
45) 1,2-Dichloropropane	9.624	63	10377	5.116	ug/l	99
46) Dibromomethane	9.712	93	7711	5.064	ug/l	98
47) Bromodichloromethane	9.888	83	14590	4.886	ug/l	94
48) Methyl methacrylate	9.688	41	7897	4.603	ug/l	100
49) 1,4-Dioxane	9.706	88	4112	98.605	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	56130	24.438	ug/l	98
52) Toluene	10.629	92	29136	5.169	ug/l	94
53) t-1,3-Dichloropropene	10.835	75	13686	4.641	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	15835	4.827	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	10764	4.857	ug/l	94
56) Ethyl methacrylate	10.877	69	14124	4.703	ug/l	97
57) 1,3-Dichloropropane	11.165	76	17687	4.937	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	20775	23.429	ug/l	96
59) 2-Hexanone	11.200	43	39905	23.914	ug/l	94
60) Dibromochloromethane	11.365	129	11880	4.871	ug/l	99
61) 1,2-Dibromoethane	11.476	107	10992	4.734	ug/l	97
64) Tetrachloroethene	11.106	164	11560	5.255	ug/l	97
65) Chlorobenzene	11.894	112	30961	4.982	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	11960	5.290	ug/l	92
67) Ethyl Benzene	11.965	91	51278	4.878	ug/l	96
68) m/p-Xylenes	12.076	106	42308	9.960	ug/l	98
69) o-Xylene	12.400	106	20188	4.898	ug/l	99
70) Styrene	12.412	104	31451	4.757	ug/l	98
71) Bromoform	12.582	173	7448	4.346	ug/l #	91
73) Isopropylbenzene	12.700	105	52358	5.091	ug/l	99
74) N-amyl acetate	12.494	43	14363	4.807	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	15458	5.004	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	18039	6.271	ug/l	71
77) Bromobenzene	12.982	156	13255	5.125	ug/l	93
78) n-propylbenzene	13.035	91	55838	4.893	ug/l	98
79) 2-Chlorotoluene	13.129	91	35097	4.981	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	42235	4.912	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	3110	6.020	ug/l #	84
82) 4-Chlorotoluene	13.129	91	35097	4.981	ug/l	97
83) tert-Butylbenzene	13.441	119	39688	5.090	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	42821	4.955	ug/l	99
85) sec-Butylbenzene	13.618	105	51901	4.842	ug/l	99
86) p-Isopropyltoluene	13.735	119	43895	4.894	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	23902	4.942	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	24232	4.925	ug/l	94
89) n-Butylbenzene	14.059	91	33388	4.644	ug/l	97
90) Hexachloroethane	14.335	117	7360	4.791	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	23777	4.940	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	2353	4.635	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	10572	4.575	ug/l	97
94) Hexachlorobutadiene	15.500	225	6855	5.229	ug/l	94
95) Naphthalene	15.641	128	28893	4.231	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	10458	4.606	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

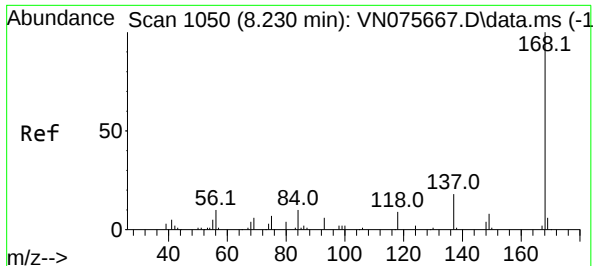
Quant Time: Dec 12 08:16:35 2022
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Quant Title : SW846 8260
QLast Update : Mon Dec 12 07:54:35 2022
Response via : Initial Calibration

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

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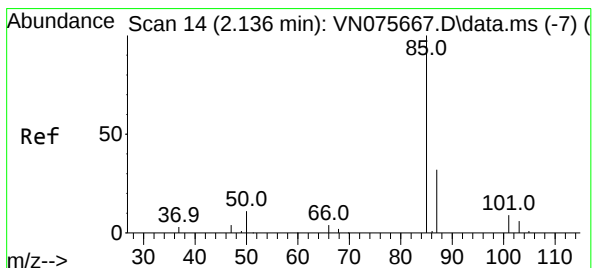
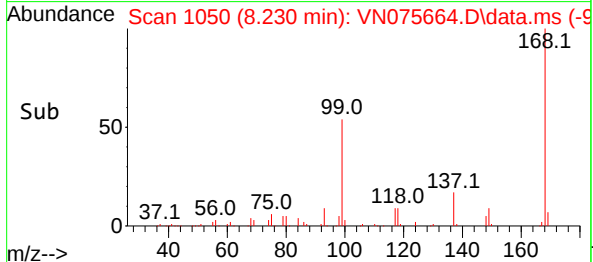
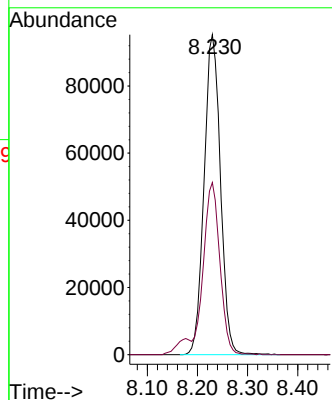
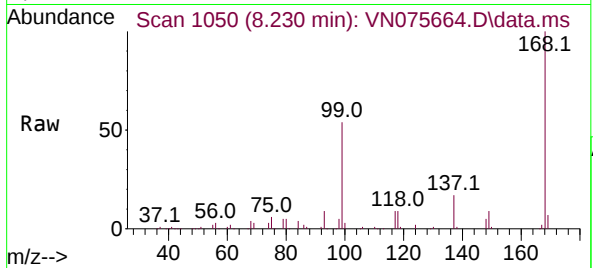




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075664.D
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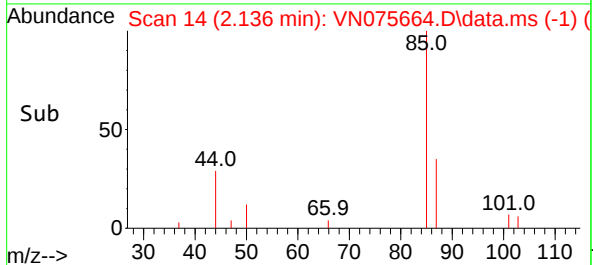
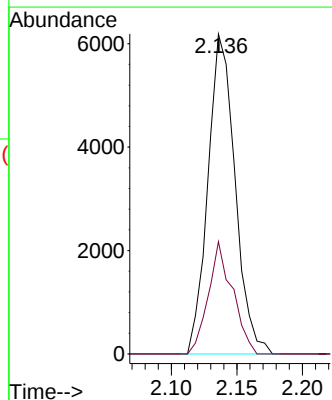
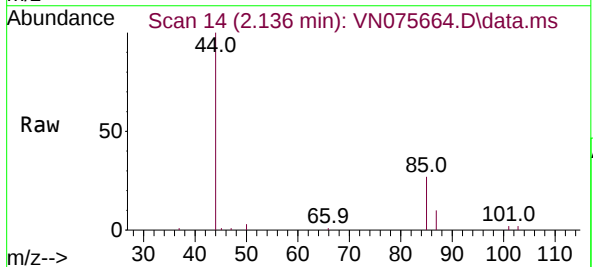
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

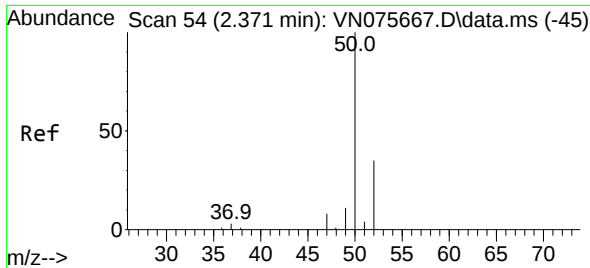
Tgt Ion:168 Resp: 216274
Ion Ratio Lower Upper
168 100
99 53.8 41.2 61.8



#2
Dichlorodifluoromethane
Concen: 5.590 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 85 Resp: 8892
Ion Ratio Lower Upper
85 100
87 35.1 16.1 48.2

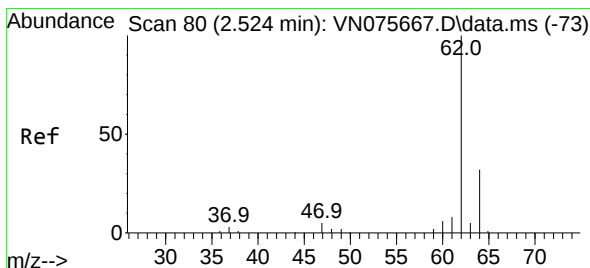
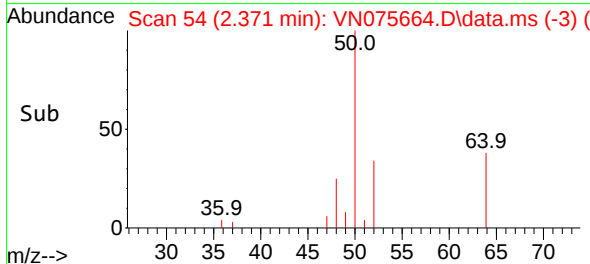
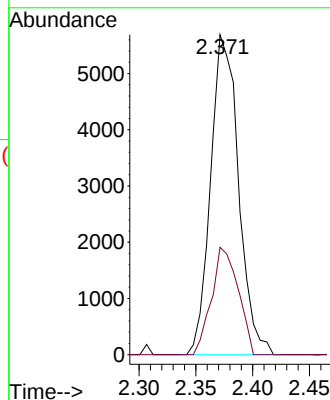
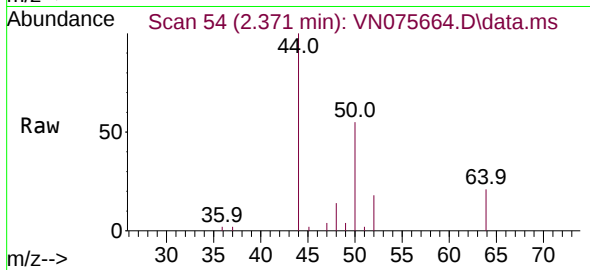




#3
Chloromethane
Concen: 5.132 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

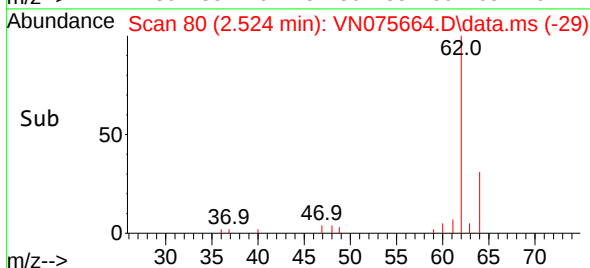
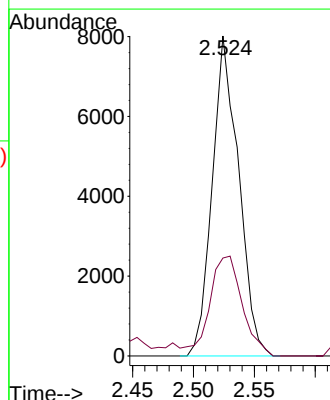
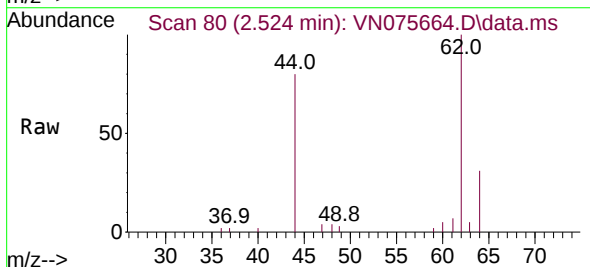
Instrument :
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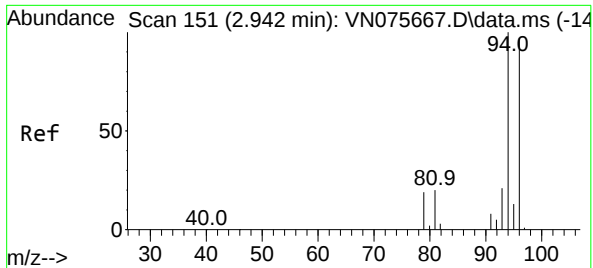
Tgt Ion: 50 Resp: 9727
Ion Ratio Lower Upper
50 100
52 33.5 27.9 41.9



#4
Vinyl Chloride
Concen: 5.180 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 62 Resp: 12059
Ion Ratio Lower Upper
62 100
64 30.6 25.9 38.9

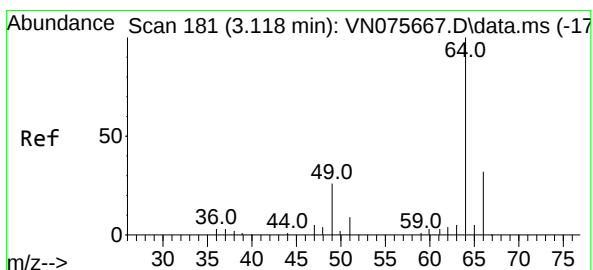
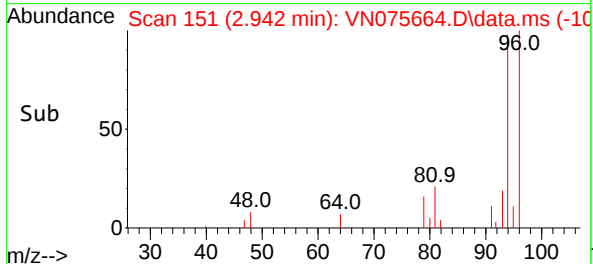
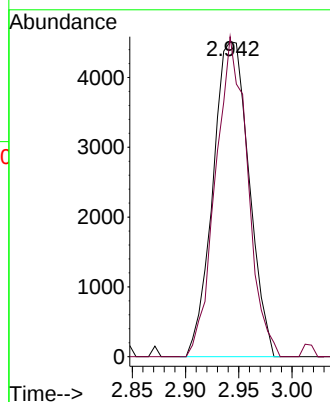
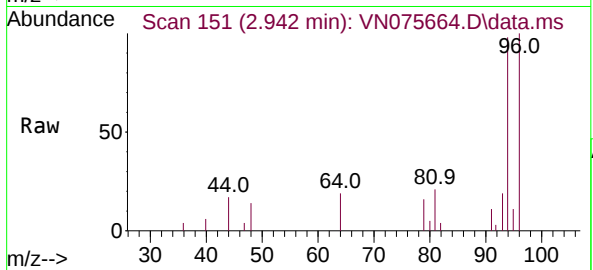




#5
Bromomethane
Concen: 5.365 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

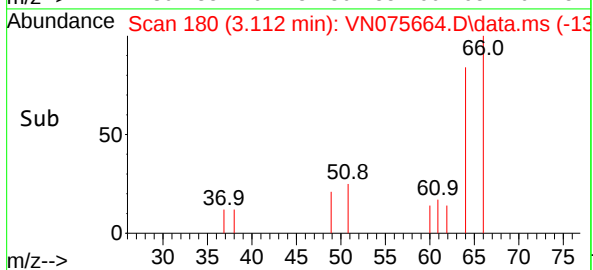
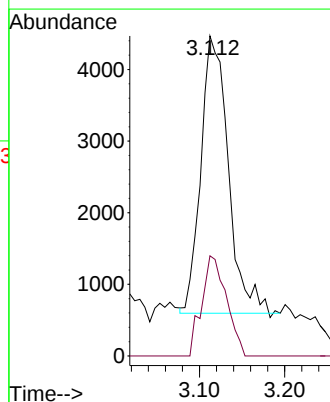
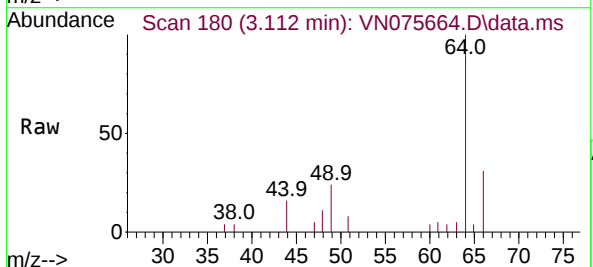
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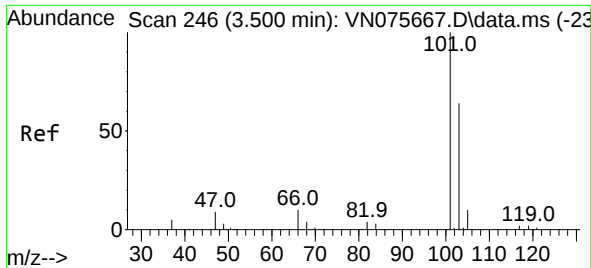
Tgt Ion: 94 Resp: 10638
Ion Ratio Lower Upper
94 100
96 101.6 77.6 116.4



#6
Chloroethane
Concen: 4.988 ug/l
RT: 3.112 min Scan# 180
Delta R.T. -0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 64 Resp: 8664
Ion Ratio Lower Upper
64 100
66 36.1 25.7 38.5

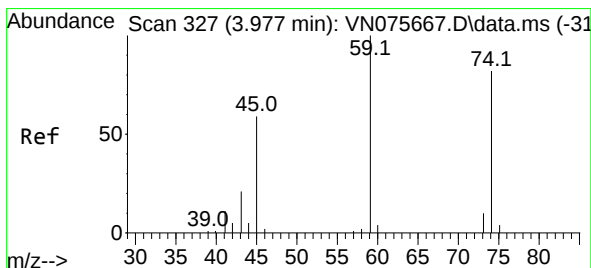
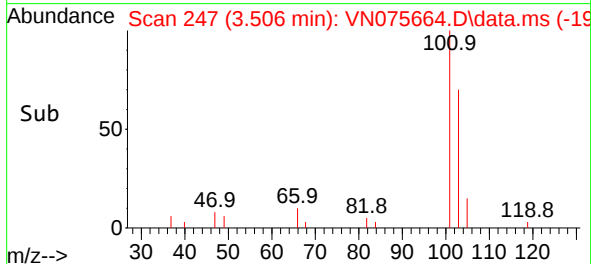
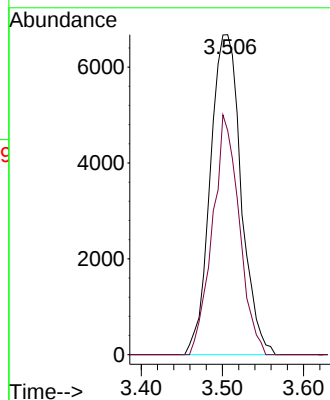
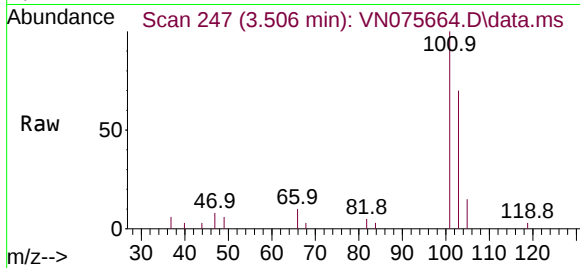




#7
 Trichlorofluoromethane
 Concen: 5.216 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN075664.D
 Acq: 09 Dec 2022 12:57

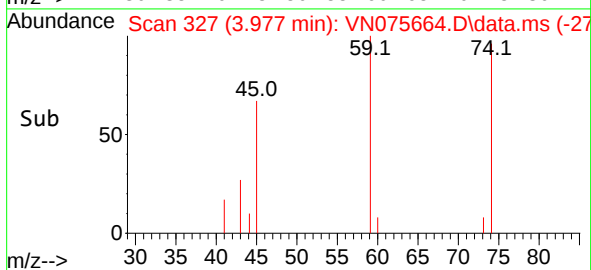
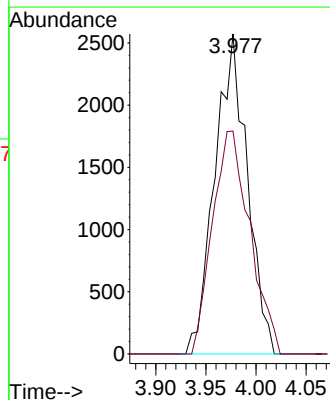
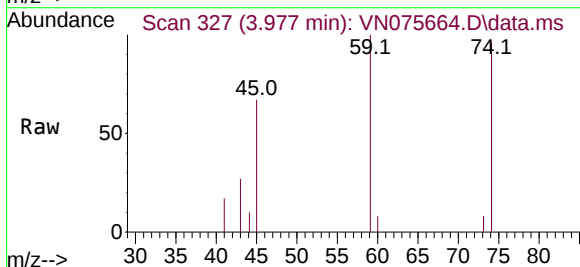
Instrument :
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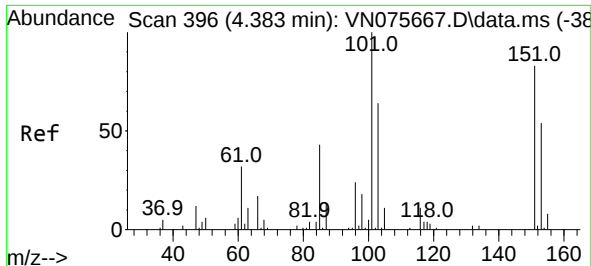
Tgt Ion:101 Resp: 17616
 Ion Ratio Lower Upper
 101 100
 103 70.0 51.4 77.2



#8
 Diethyl Ether
 Concen: 4.695 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.000 min
 Lab File: VN075664.D
 Acq: 09 Dec 2022 12:57

Tgt Ion: 74 Resp: 5797
 Ion Ratio Lower Upper
 74 100
 45 80.3 36.8 110.4

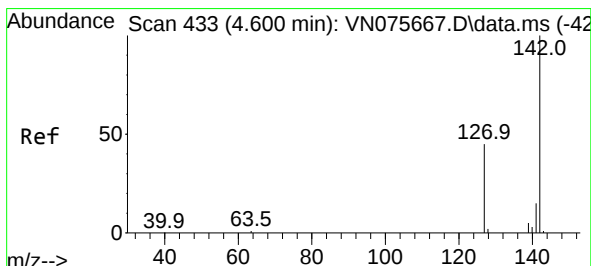
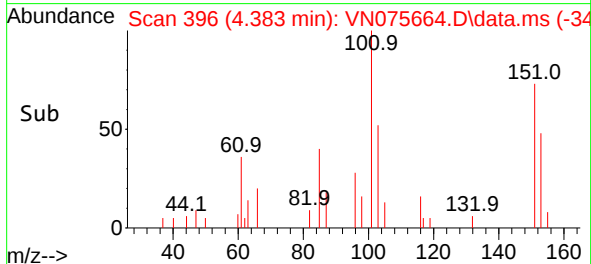
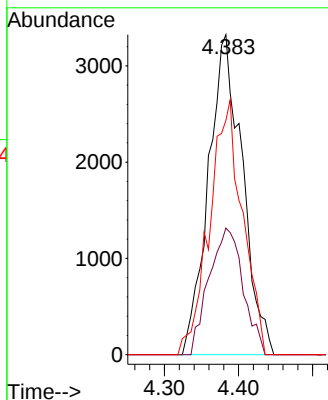
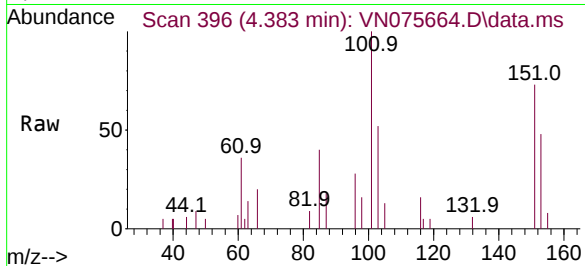




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.327 ug/l
 RT: 4.383 min Scan# 396
 Delta R.T. 0.000 min
 Lab File: VN075664.D
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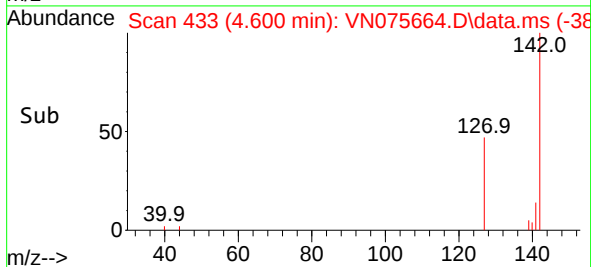
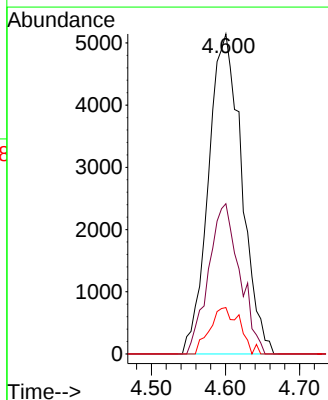
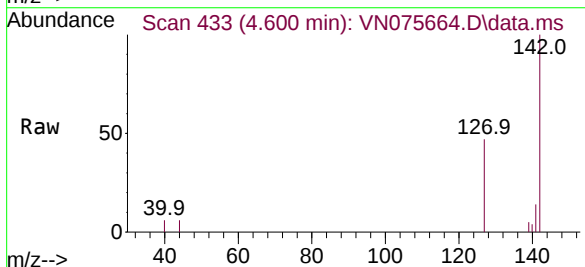
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

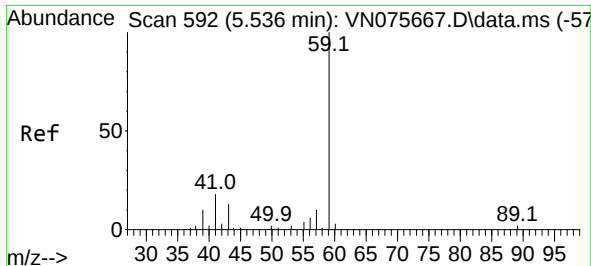
Tgt Ion:101 Resp: 10559
 Ion Ratio Lower Upper
 101 100
 85 39.7 35.3 52.9
 151 77.5 65.6 98.4



#10
 Methyl Iodide
 Concen: 4.954 ug/l
 RT: 4.600 min Scan# 433
 Delta R.T. 0.000 min
 Lab File: VN075664.D
 Acq: 09 Dec 2022 12:57

Tgt Ion:142 Resp: 16046
 Ion Ratio Lower Upper
 142 100
 127 44.0 35.0 52.4
 141 13.0 11.4 17.2

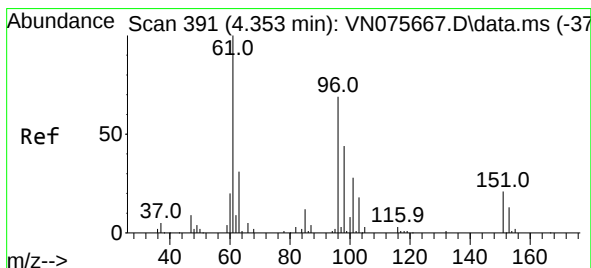
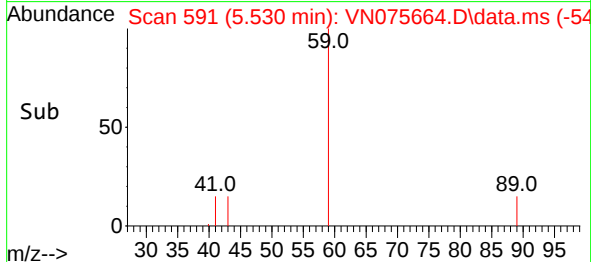
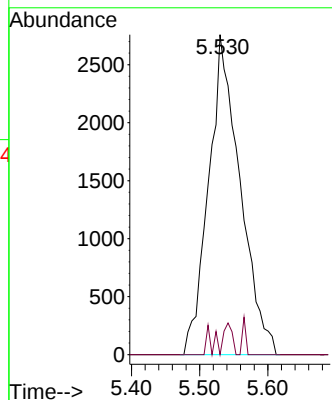
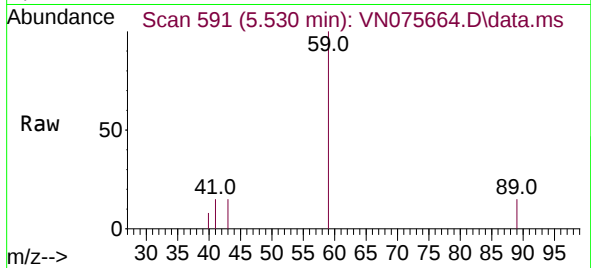




#11
Tert butyl alcohol
Concen: 26.093 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

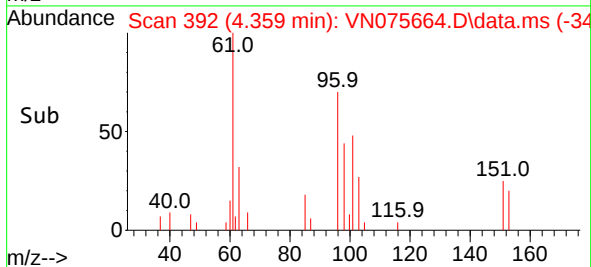
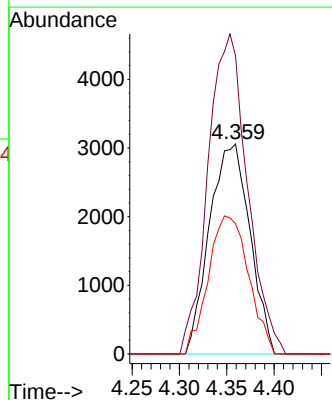
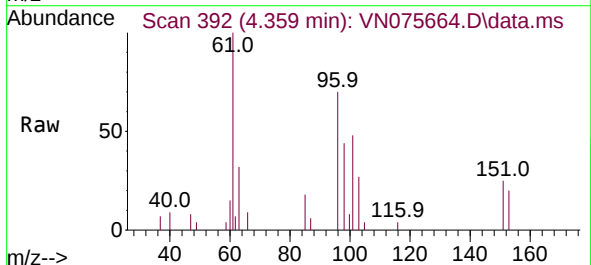
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

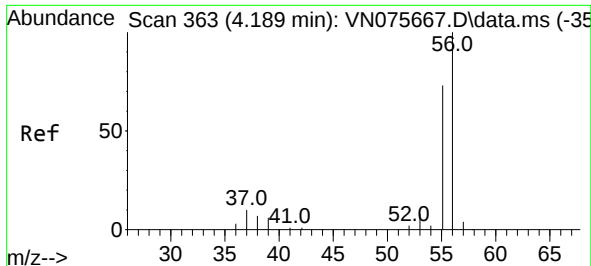
Tgt Ion: 59 Resp: 8858
Ion Ratio Lower Upper
59 100
57 2.7 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 4.901 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 96 Resp: 9081
Ion Ratio Lower Upper
96 100
61 142.0 116.8 175.2
98 62.0 51.6 77.4

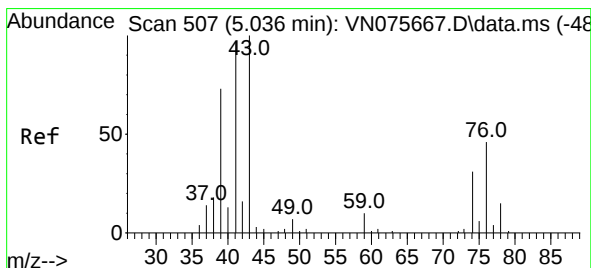
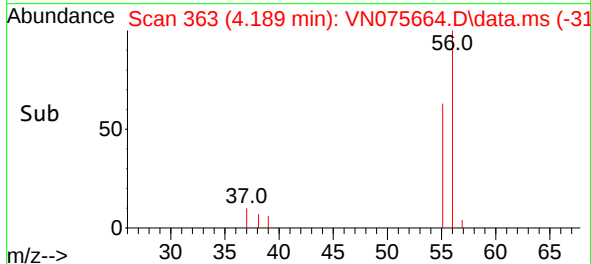
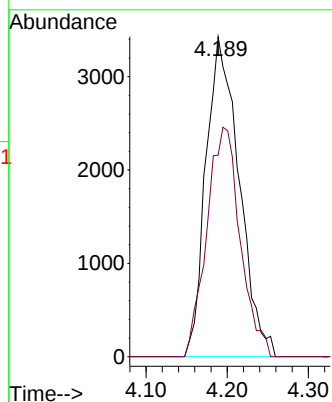
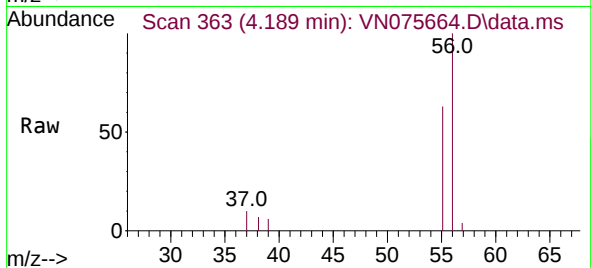




#13
Acrolein
Concen: 24.843 ug/l
RT: 4.189 min Scan# 363
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

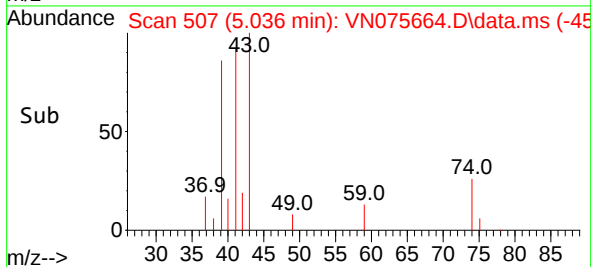
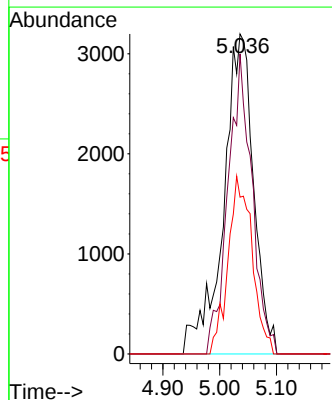
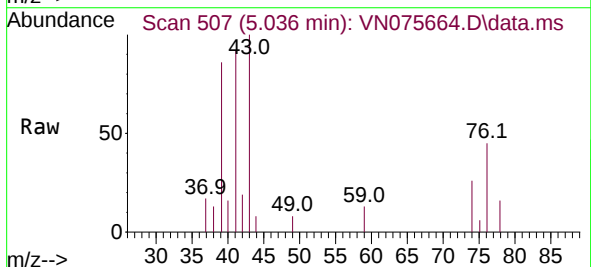
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

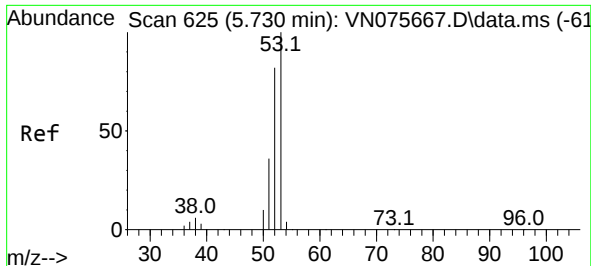
Tgt Ion: 56 Resp: 9713
Ion Ratio Lower Upper
56 100
55 72.3 55.7 83.5



#14
Allyl chloride
Concen: 5.128 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 41 Resp: 11831
Ion Ratio Lower Upper
41 100
39 74.1 64.6 96.8
76 44.1 40.9 61.3

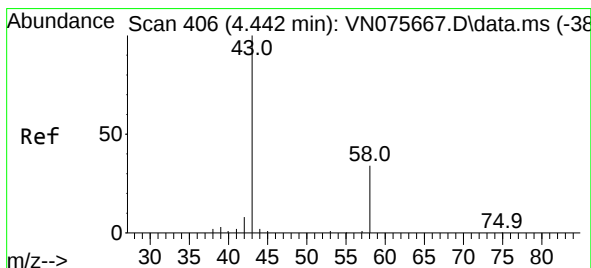
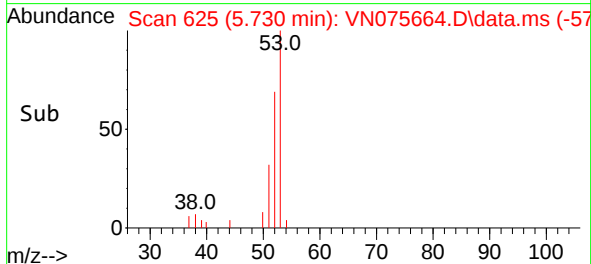
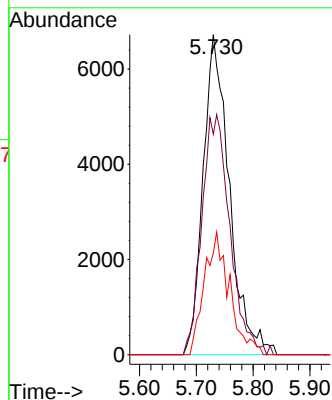
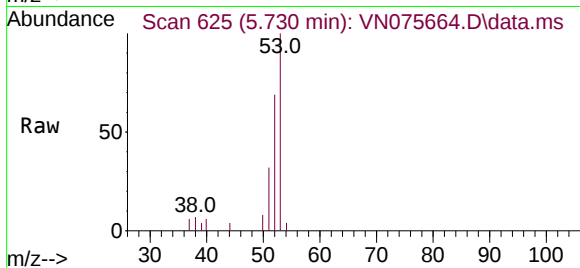




#15
Acrylonitrile
Concen: 24.560 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

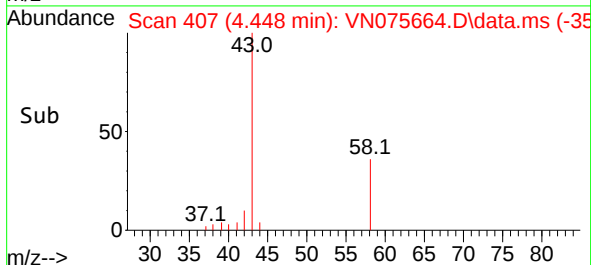
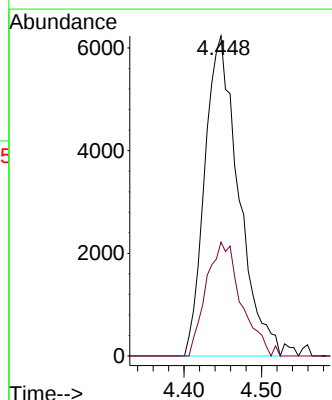
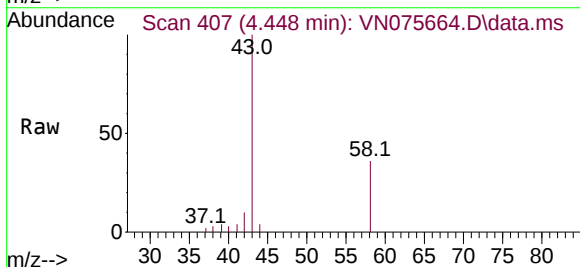
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

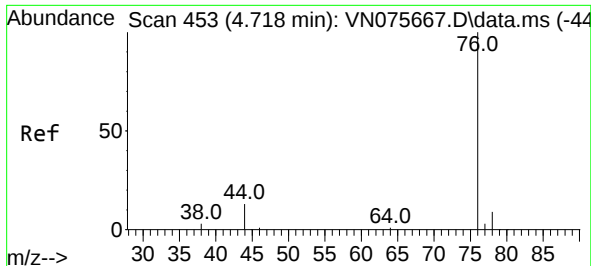
Tgt Ion: 53	Resp:	21536
Ion	Ratio	Lower Upper
53	100	
52	80.5	65.0 97.4
51	37.0	28.9 43.3



#16
Acetone
Concen: 24.326 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 43	Resp:	18904
Ion	Ratio	Lower Upper
43	100	
58	35.6	27.0 40.4

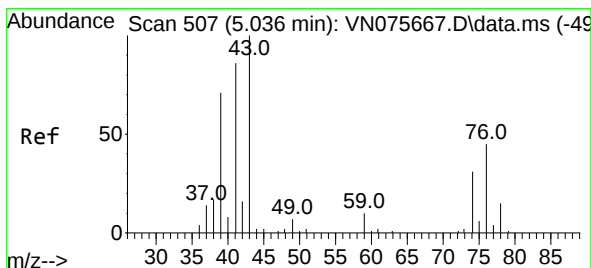
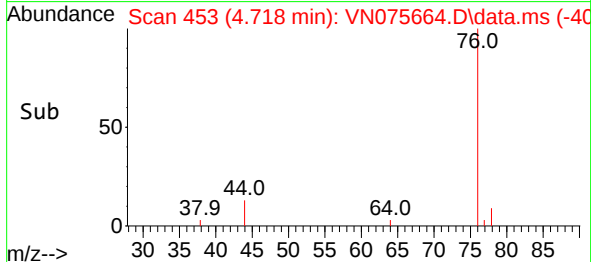
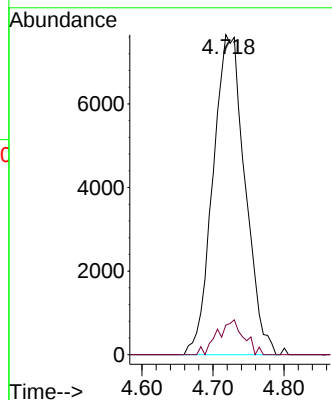
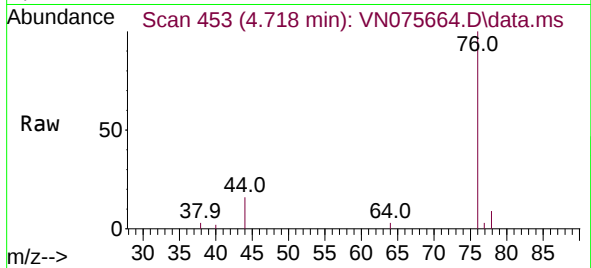




#17
Carbon Disulfide
Concen: 4.890 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

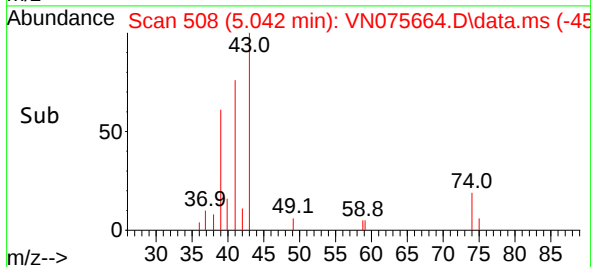
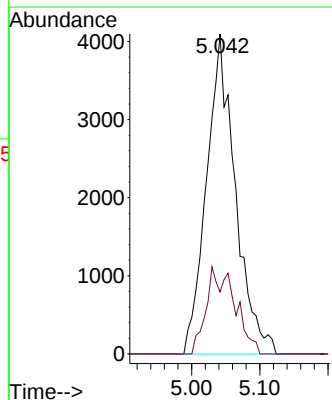
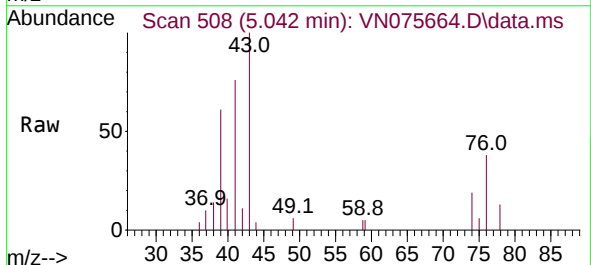
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

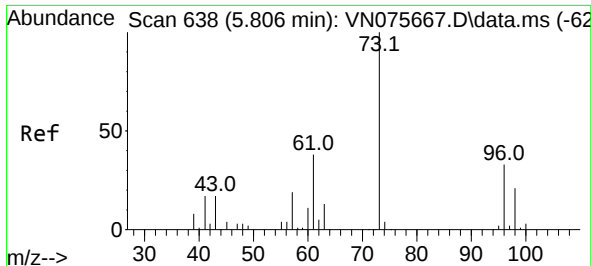
Tgt Ion: 76 Resp: 23974
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 4.825 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 43 Resp: 12049
Ion Ratio Lower Upper
43 100
74 13.1 24.5 36.7#

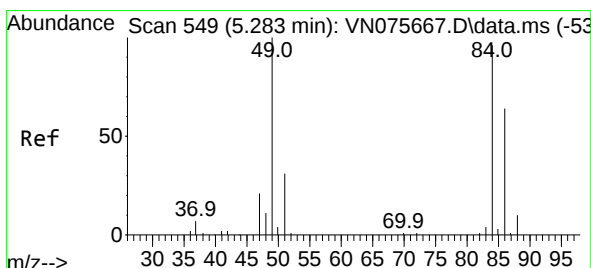
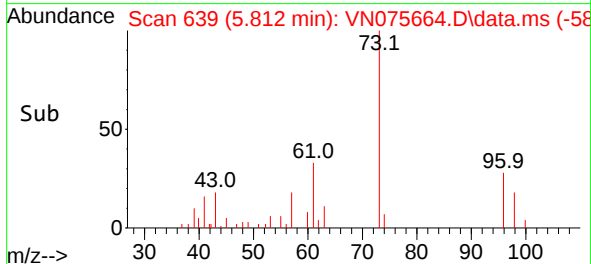
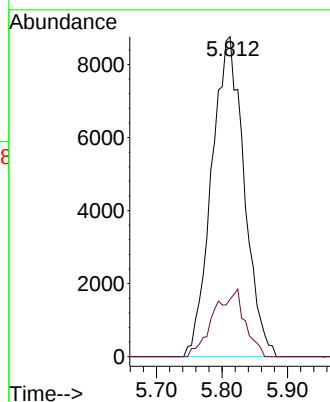
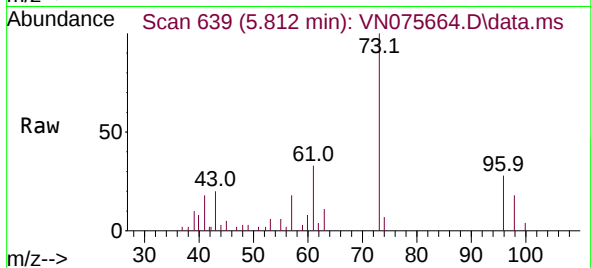




#19
Methyl tert-butyl Ether
Concen: 4.846 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

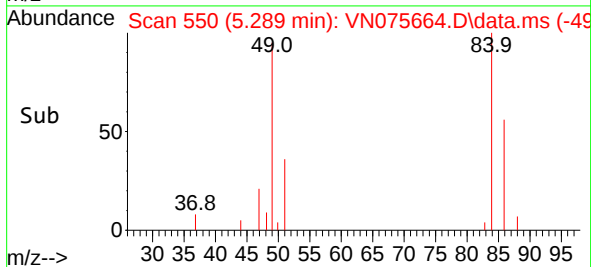
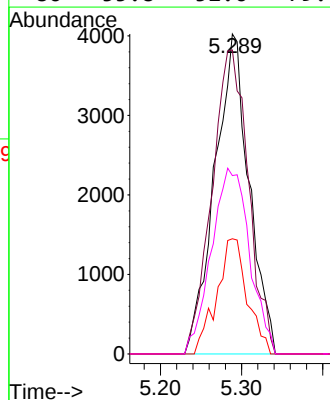
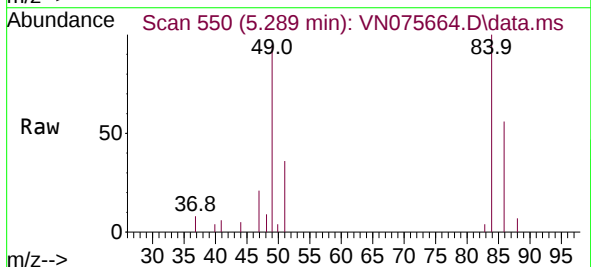
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

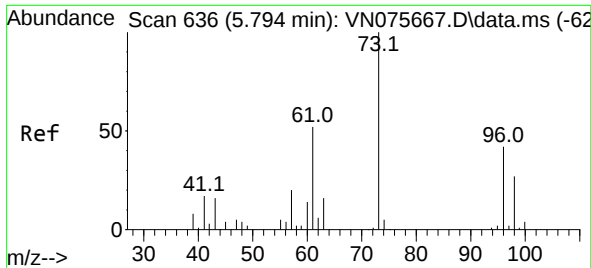
Tgt Ion: 73 Resp: 30201
Ion Ratio Lower Upper
73 100
57 18.0 15.1 22.7



#20
Methylene Chloride
Concen: 5.102 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 84 Resp: 11819
Ion Ratio Lower Upper
84 100
49 95.0 83.0 124.4
51 36.0 26.0 39.0
86 55.8 52.6 79.0

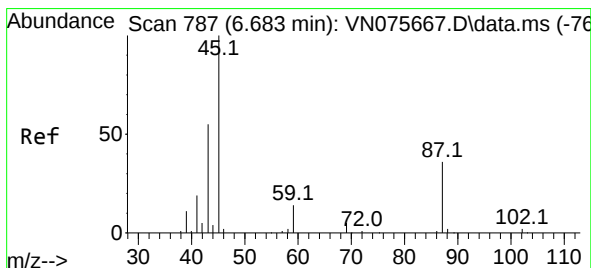
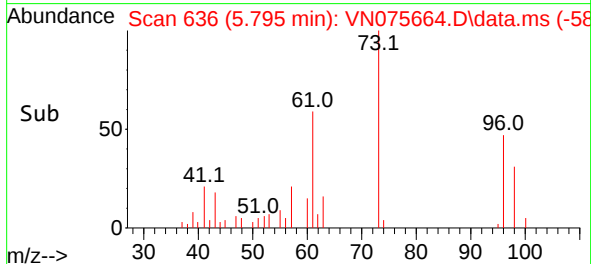
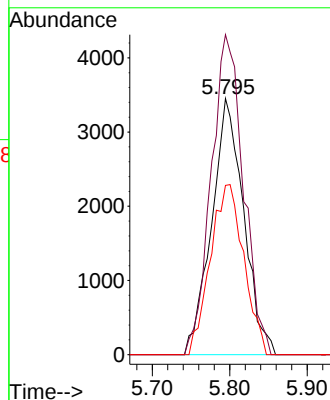
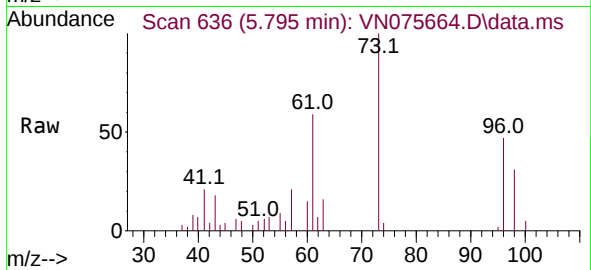




#21
trans-1,2-Dichloroethene
Concen: 4.789 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

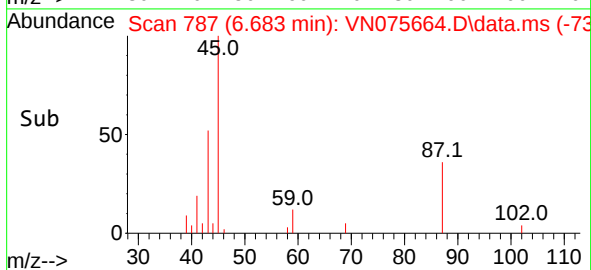
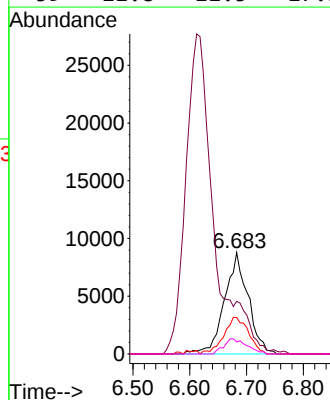
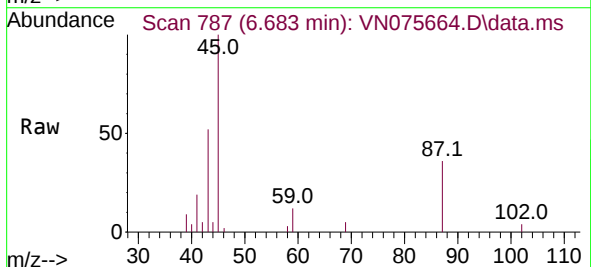
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

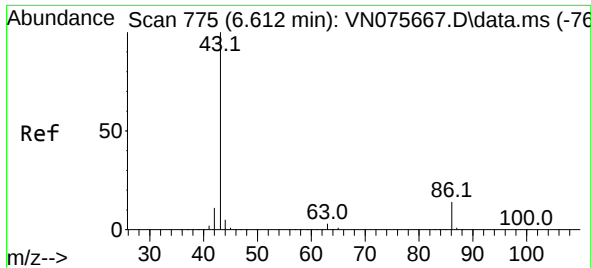
Tgt Ion: 96 Resp: 9915
Ion Ratio Lower Upper
96 100
61 124.9 100.5 150.7
98 66.1 52.7 79.1



#22
Diisopropyl ether
Concen: 4.834 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 45 Resp: 25376
Ion Ratio Lower Upper
45 100
43 49.9 44.9 67.3
87 36.0 28.8 43.2
59 11.8 11.5 17.3

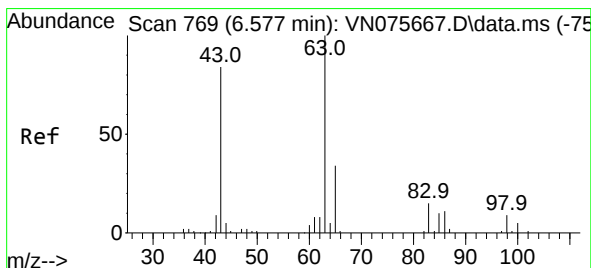
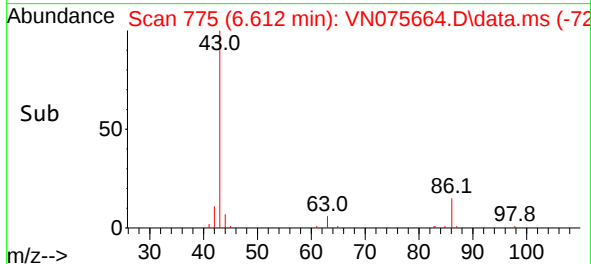
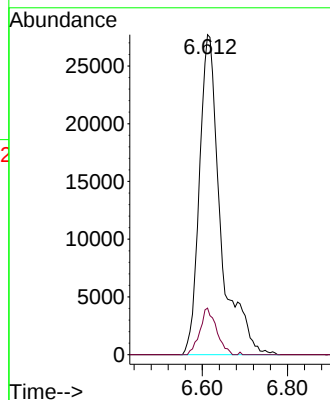
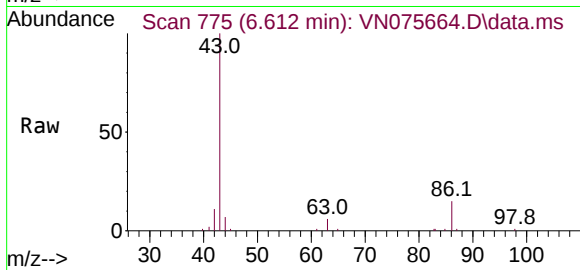




#23
 Vinyl Acetate
 Concen: 23.864 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075664.D
 Acq: 09 Dec 2022 12:57

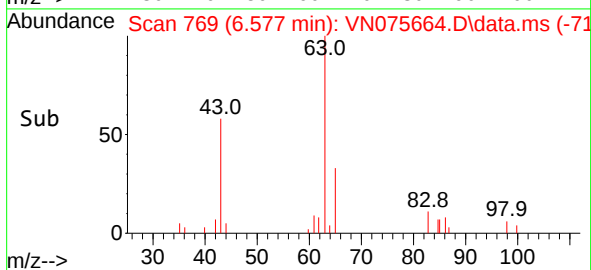
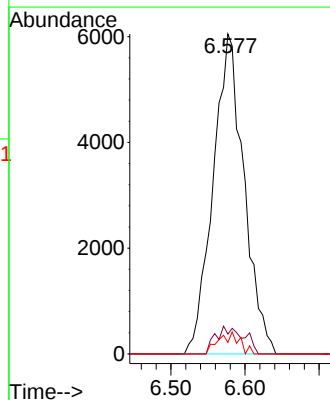
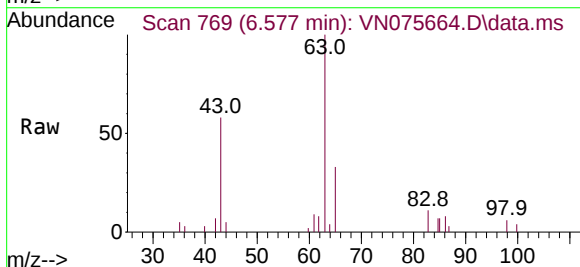
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

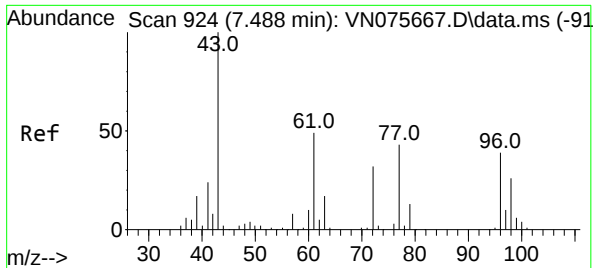
Tgt Ion: 43 Resp: 95530
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 5.071 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075664.D
 Acq: 09 Dec 2022 12:57

Tgt Ion: 63 Resp: 17523
 Ion Ratio Lower Upper
 63 100
 98 6.2 4.3 12.9
 100 3.6 2.6 7.8





#25

2-Butanone

Concen: 25.372 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

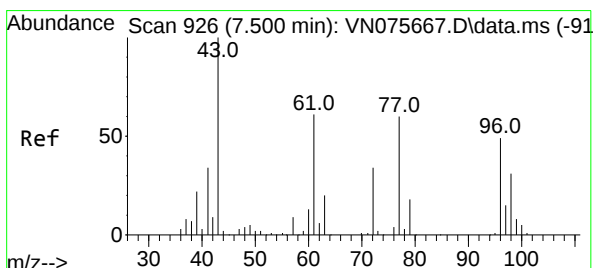
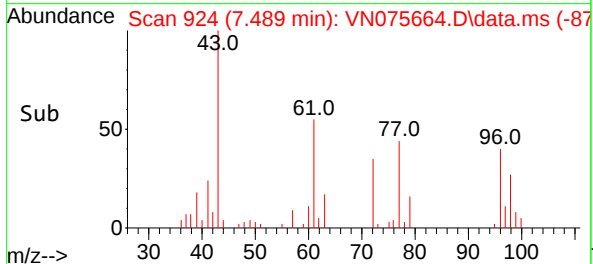
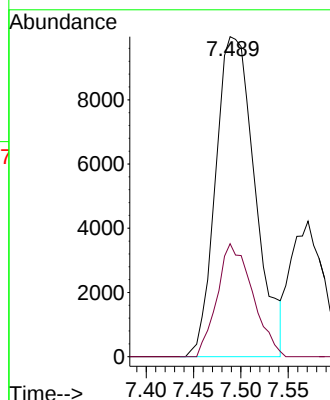
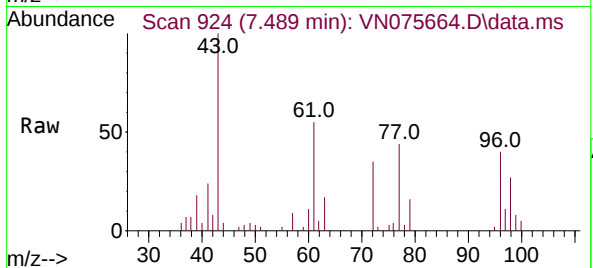
VSTDIC005

Tgt Ion: 43 Resp: 28824

Ion Ratio Lower Upper

43 100

72 35.3 25.3 37.9



#26

2,2-Dichloropropane

Concen: 4.870 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN075664.D

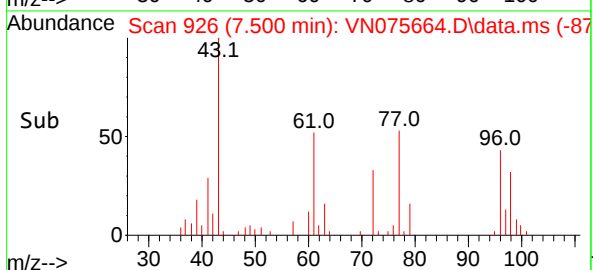
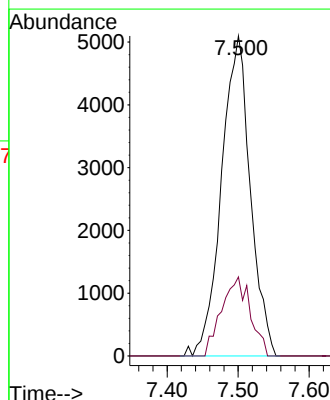
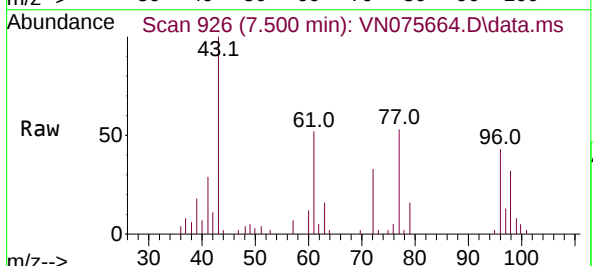
Acq: 09 Dec 2022 12:57

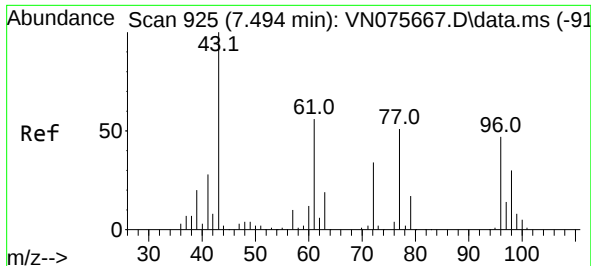
Tgt Ion: 77 Resp: 14353

Ion Ratio Lower Upper

77 100

97 24.6 12.2 36.4

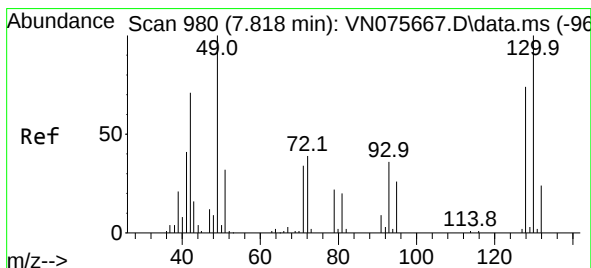
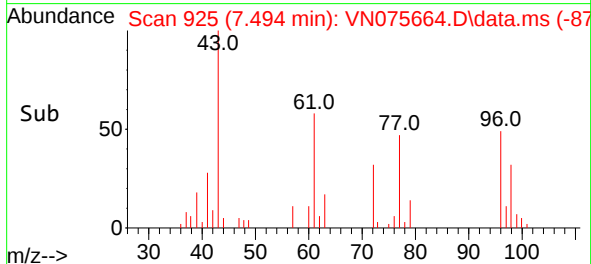
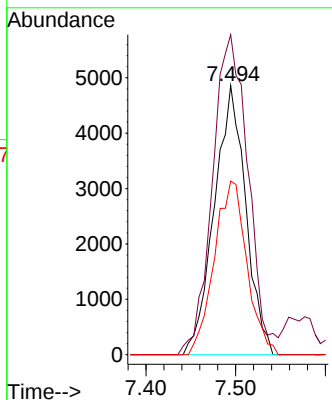
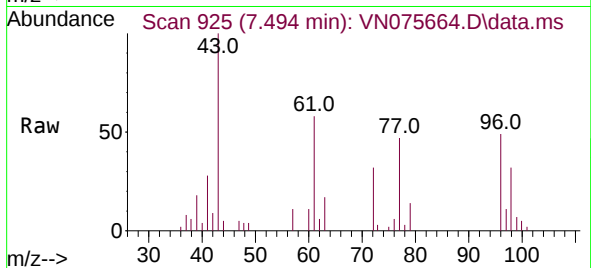




#27
 cis-1,2-Dichloroethene
 Concen: 4.705 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075664.D
 Acq: 09 Dec 2022 12:57

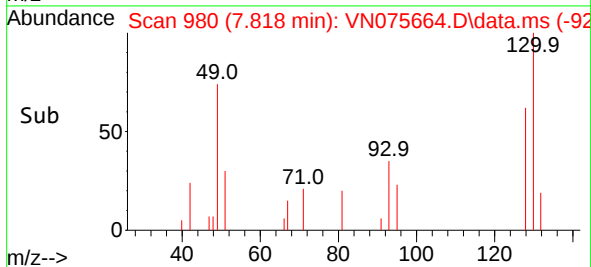
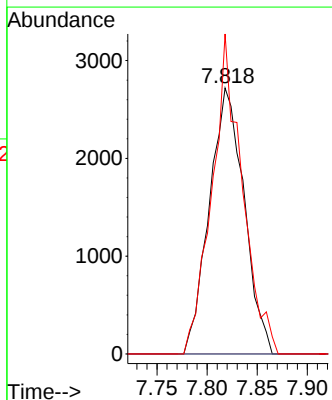
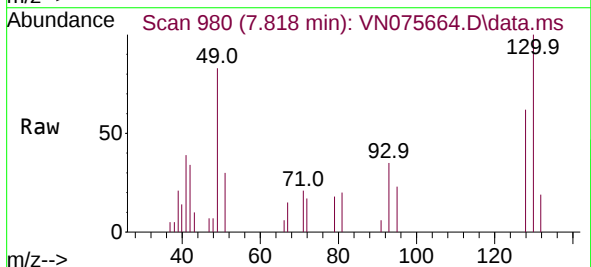
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

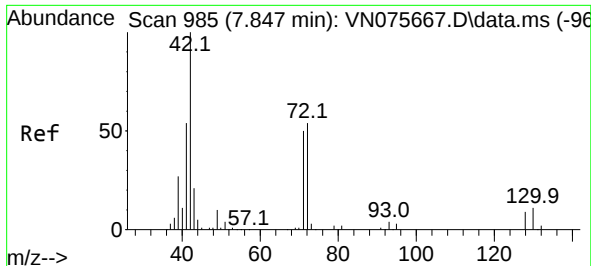
Tgt Ion: 96 Resp: 11826
 Ion Ratio Lower Upper
 96 100
 61 134.6 0.0 247.8
 98 66.9 0.0 126.0



#28
 Bromochloromethane
 Concen: 4.752 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. 0.000 min
 Lab File: VN075664.D
 Acq: 09 Dec 2022 12:57

Tgt Ion: 49 Resp: 6566
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 5.4
 130 104.5 78.5 117.7





#29

Tetrahydrofuran

Concen: 23.563 ug/l

RT: 7.841 min Scan# 985

Delta R.T. -0.006 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

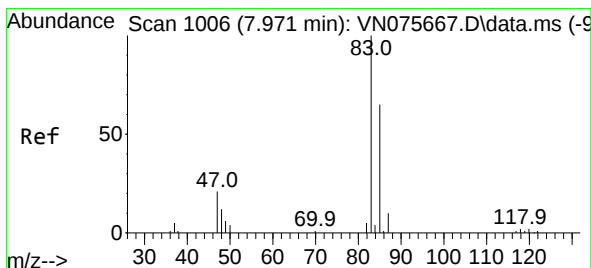
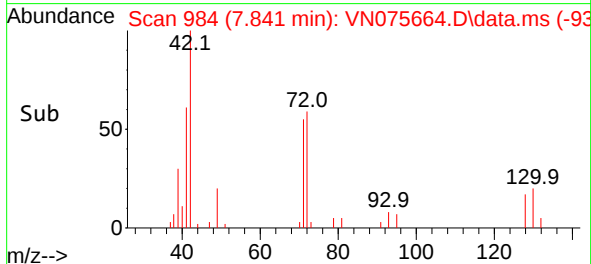
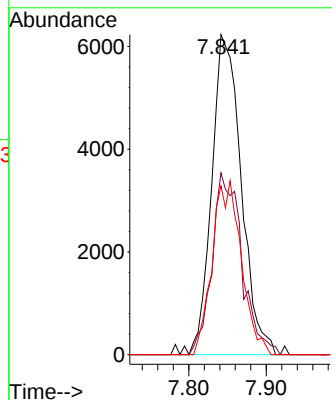
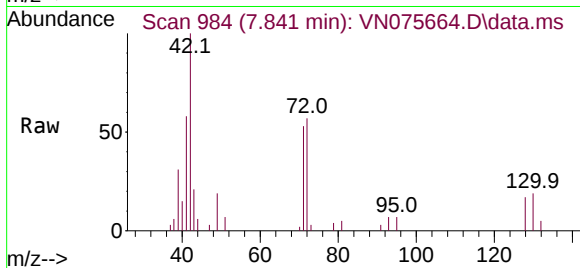
Tgt Ion: 42 Resp: 16499

Ion Ratio Lower Upper

42 100

72 57.2 44.6 67.0

71 53.6 41.2 61.8



#30

Chloroform

Concen: 4.942 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN075664.D

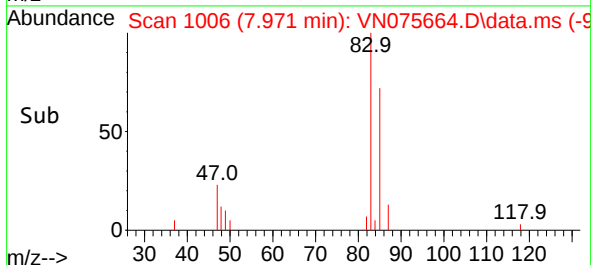
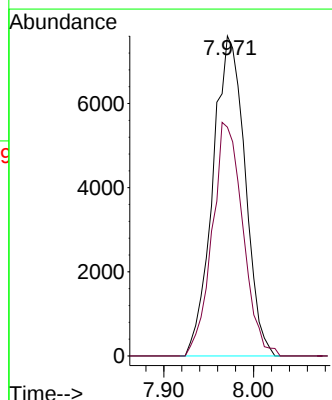
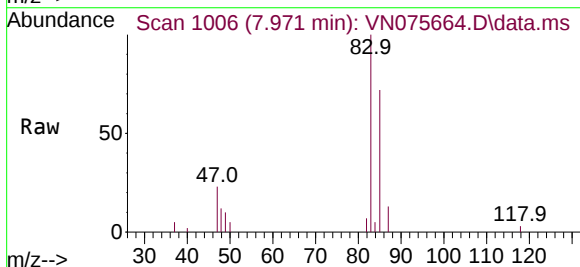
Acq: 09 Dec 2022 12:57

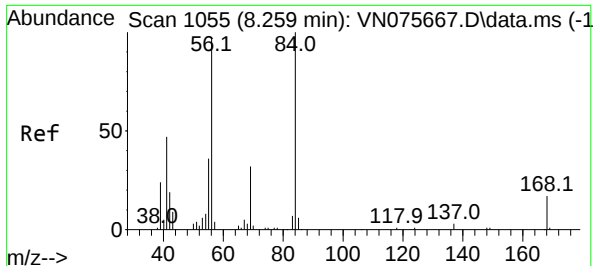
Tgt Ion: 83 Resp: 18916

Ion Ratio Lower Upper

83 100

85 71.5 51.8 77.6

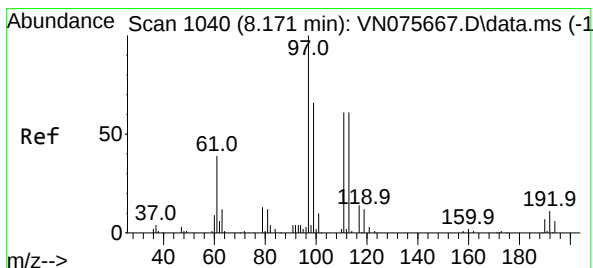
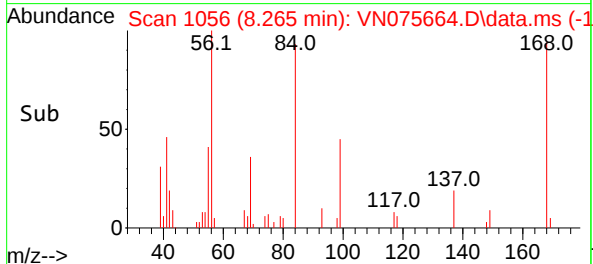
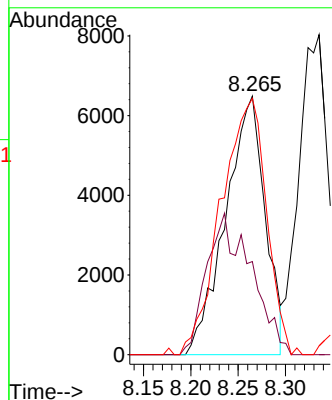
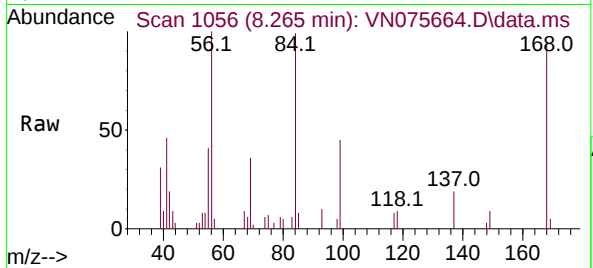




#31
Cyclohexane
Concen: 5.552 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

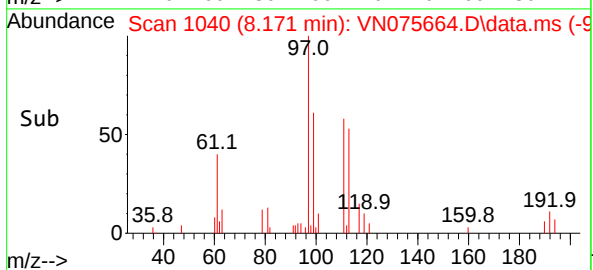
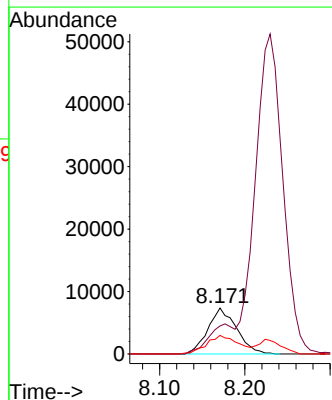
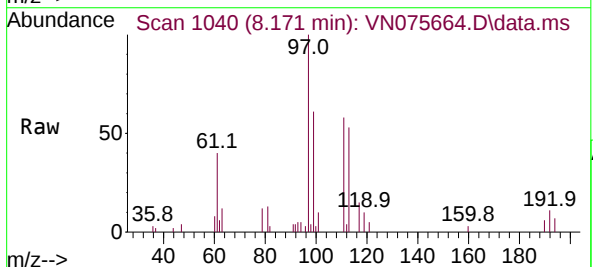
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

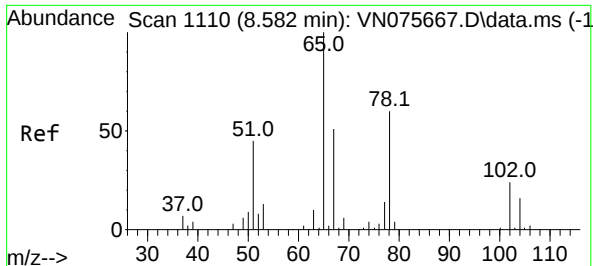
Tgt Ion: 56 Resp: 18863
Ion Ratio Lower Upper
56 100
69 36.0 26.2 39.2
84 99.1 82.8 124.2



#32
1,1,1-Trichloroethane
Concen: 4.860 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 97 Resp: 17161
Ion Ratio Lower Upper
97 100
99 58.8 51.2 76.8
61 44.1 34.2 51.4

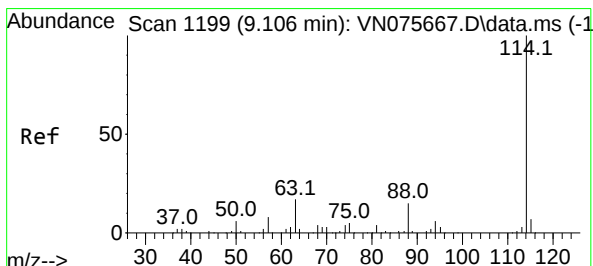
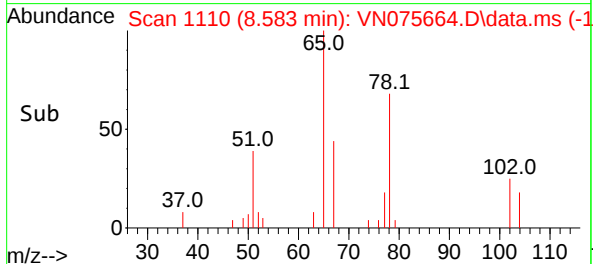
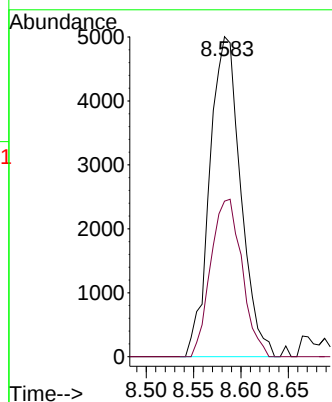
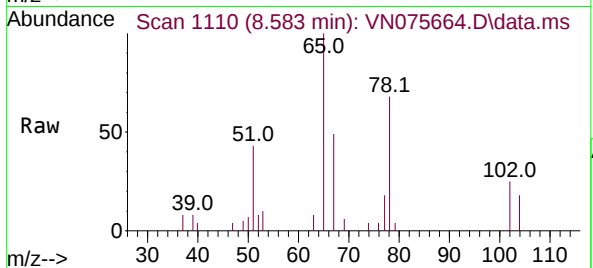




#33
 1,2-Dichloroethane-d4
 Concen: 4.955 ug/l
 RT: 8.583 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN075664.D
 Acq: 09 Dec 2022 12:57

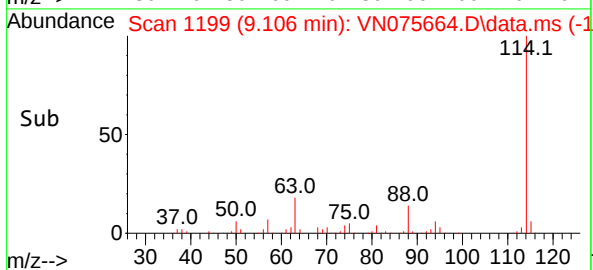
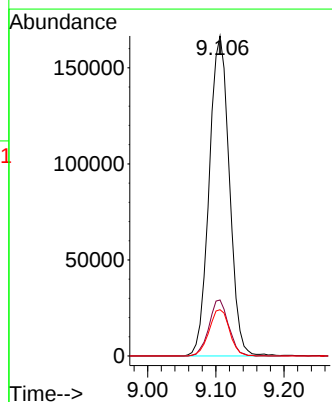
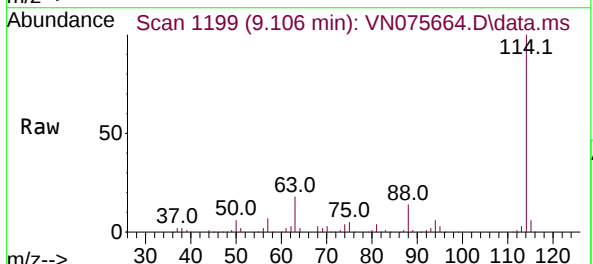
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

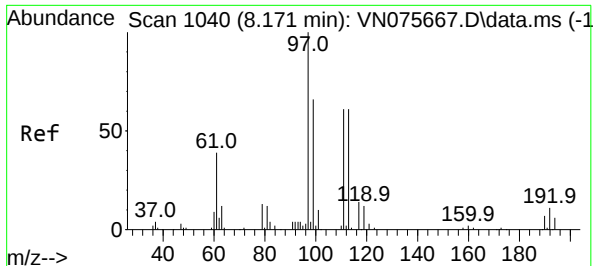
Tgt Ion: 65 Resp: 11371
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN075664.D
 Acq: 09 Dec 2022 12:57

Tgt Ion: 114 Resp: 343018
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.4
 88 14.4 0.0 29.2





#35

Dibromofluoromethane

Concen: 5.117 ug/l

RT: 8.165 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

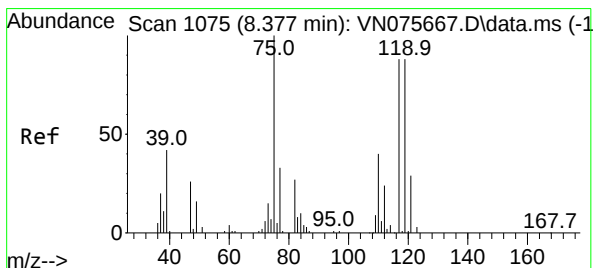
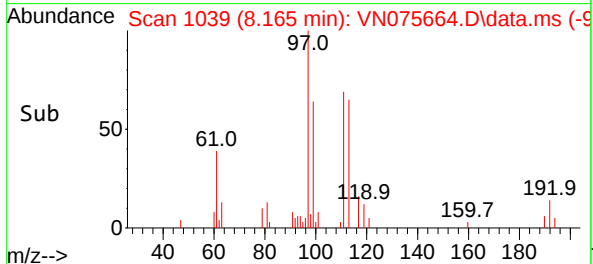
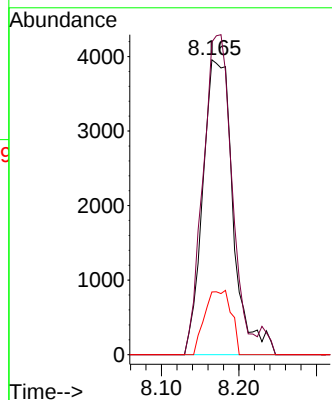
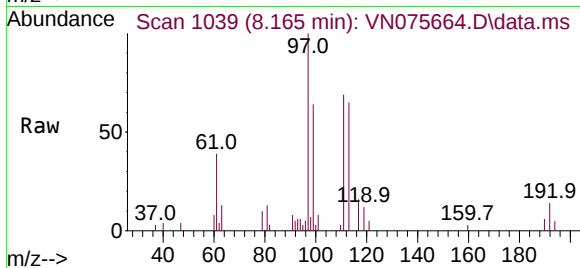
Tgt Ion:113 Resp: 10709

Ion Ratio Lower Upper

113 100

111 103.9 81.0 121.6

192 19.0 16.2 24.2



#36

1,1-Dichloropropene

Concen: 4.796 ug/l

RT: 8.383 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

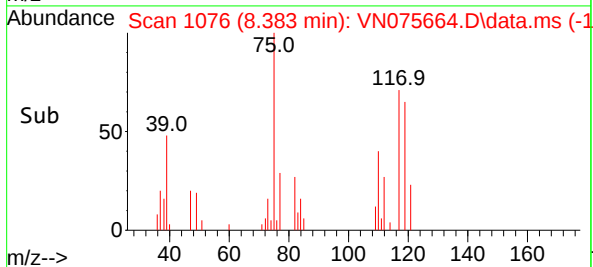
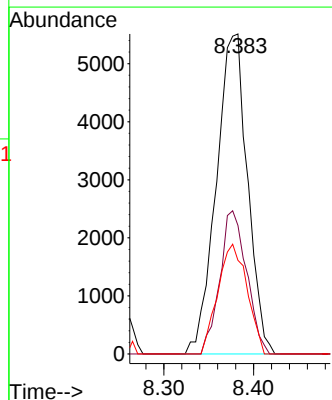
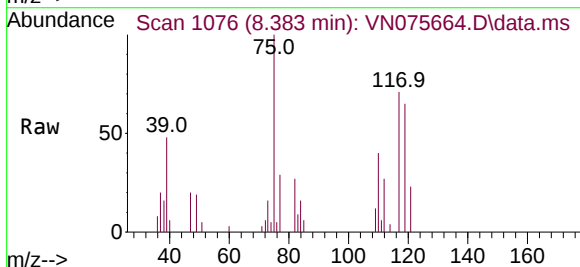
Tgt Ion: 75 Resp: 13328

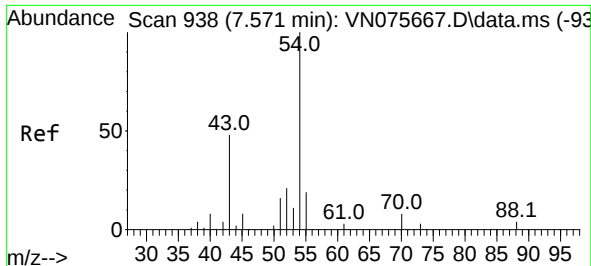
Ion Ratio Lower Upper

75 100

110 38.4 18.9 56.9

77 32.0 25.4 38.2





#37

Ethyl Acetate

Concen: 4.865 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

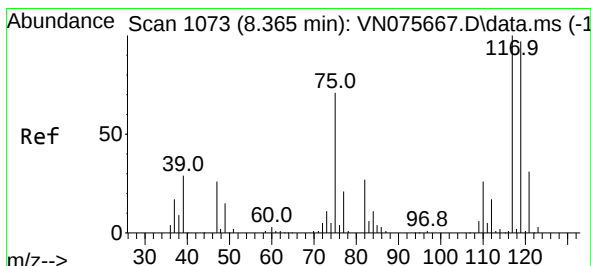
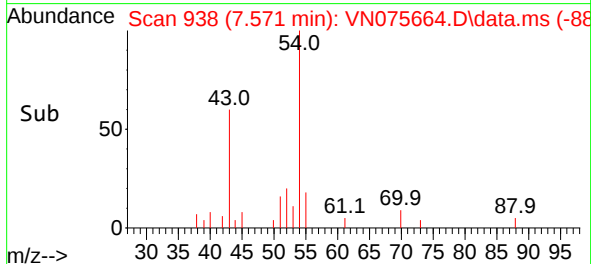
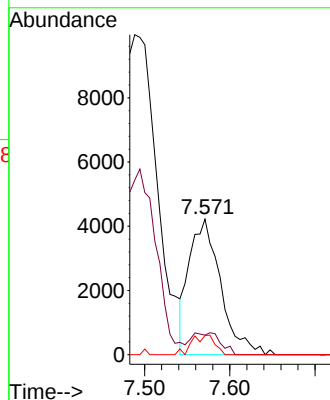
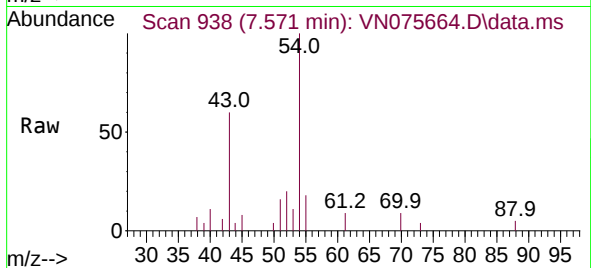
Tgt Ion: 43 Resp: 10854

Ion Ratio Lower Upper

43 100

61 14.8 13.3 19.9

70 10.4 9.9 14.9



#38

Carbon Tetrachloride

Concen: 4.960 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. 0.006 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

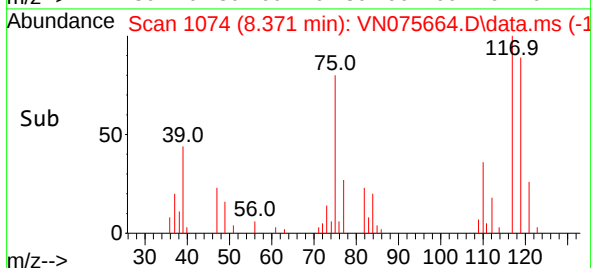
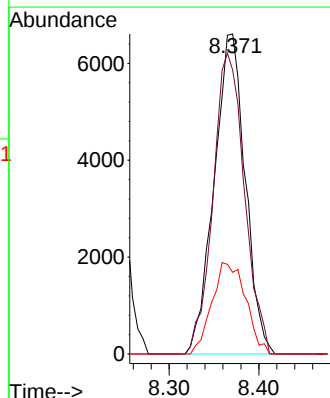
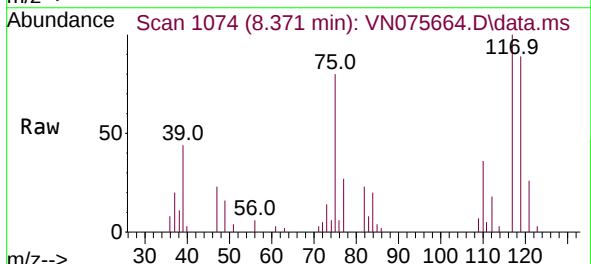
Tgt Ion: 117 Resp: 15905

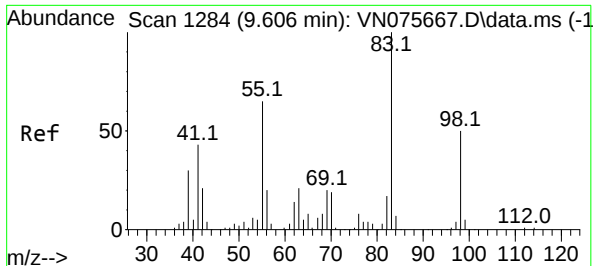
Ion Ratio Lower Upper

117 100

119 88.7 77.2 115.8

121 25.5 24.6 37.0





#39

Methylcyclohexane

Concen: 4.844 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

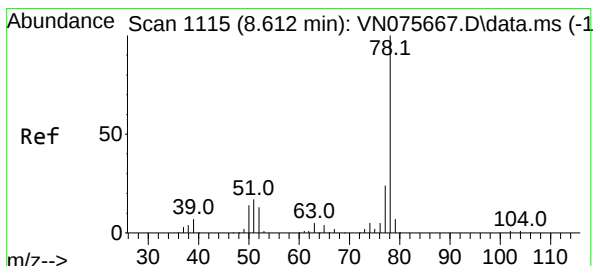
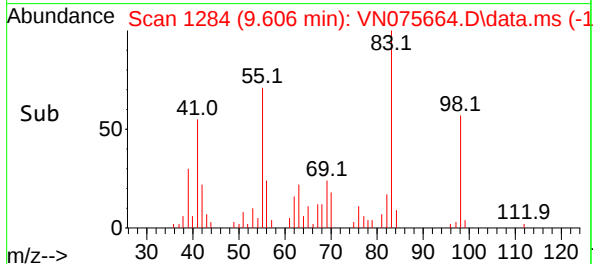
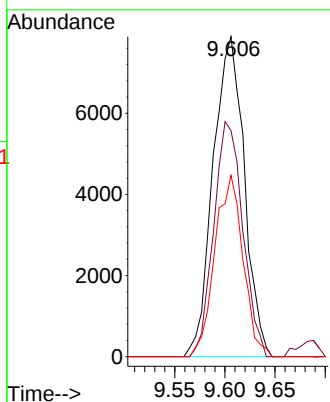
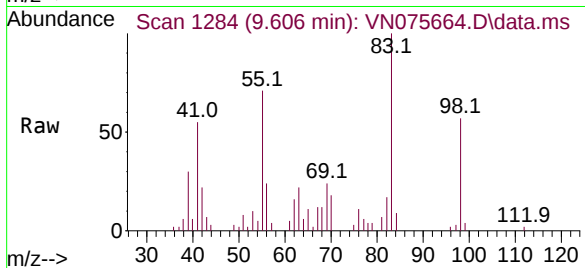
Tgt Ion: 83 Resp: 17069

Ion Ratio Lower Upper

83 100

55 70.6 51.6 77.4

98 56.6 39.8 59.8



#40

Benzene

Concen: 5.051 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075664.D

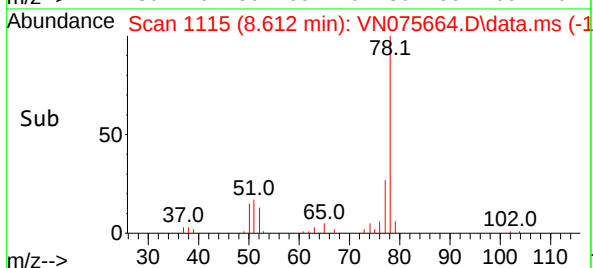
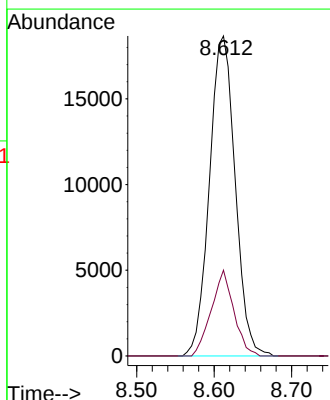
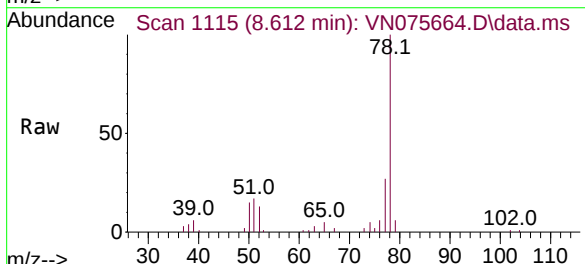
Acq: 09 Dec 2022 12:57

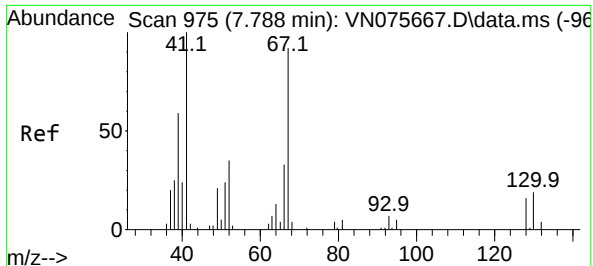
Tgt Ion: 78 Resp: 43074

Ion Ratio Lower Upper

78 100

77 26.8 19.1 28.7

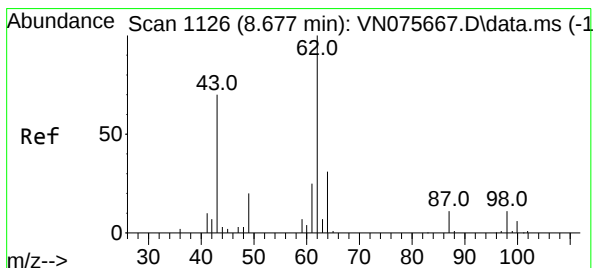
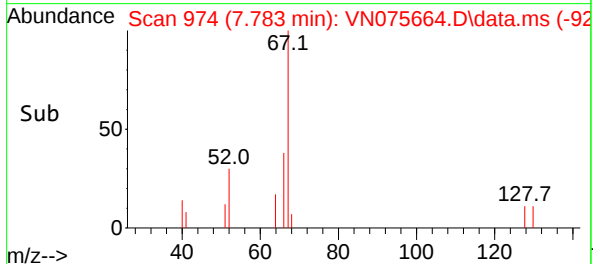
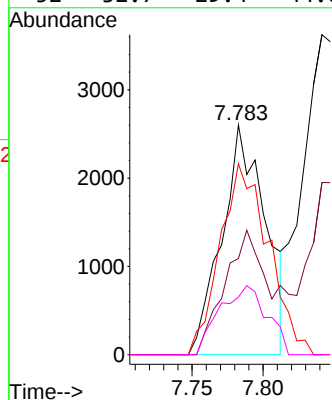
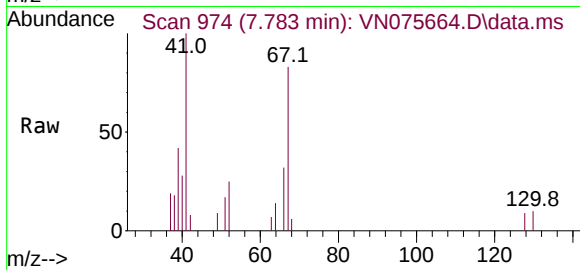




#41
Methacrylonitrile
Concen: 4.844 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

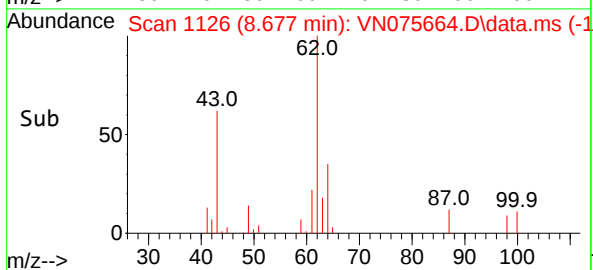
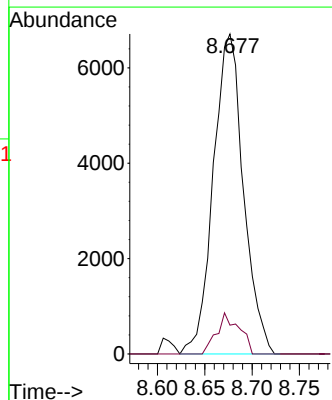
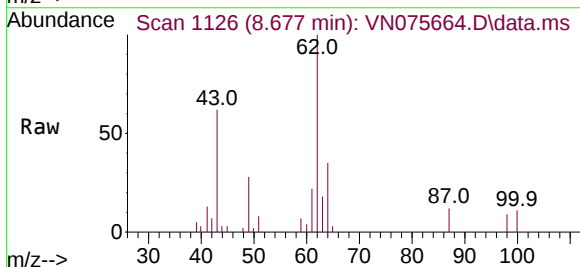
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

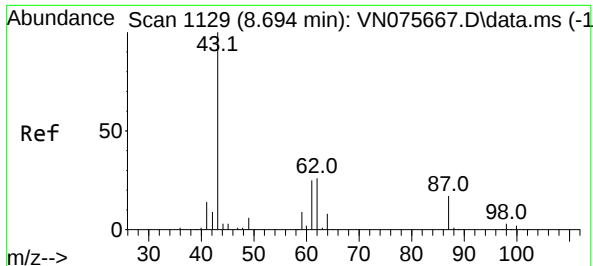
Tgt Ion: 41	Resp: 5542
Ion Ratio	Lower Upper
41 100	
39 58.1	46.3 69.5
67 92.4	74.0 111.0
52 32.7	29.4 44.0



#42
1,2-Dichloroethane
Concen: 5.215 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 62	Resp: 14877
Ion Ratio	Lower Upper
62 100	
98 9.6	0.0 21.8





#43

Isopropyl Acetate

Concen: 4.858 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

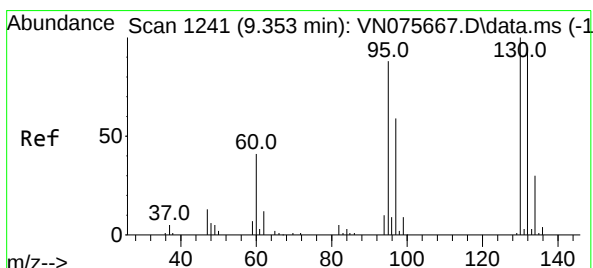
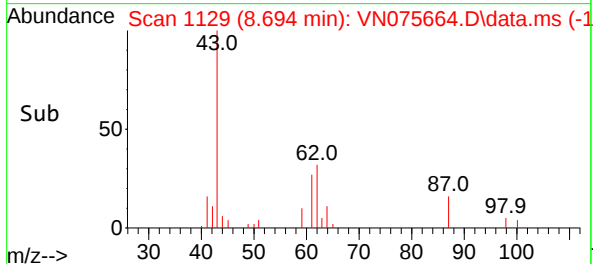
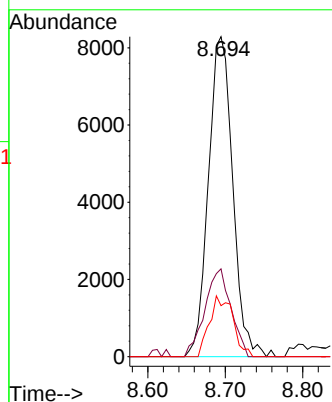
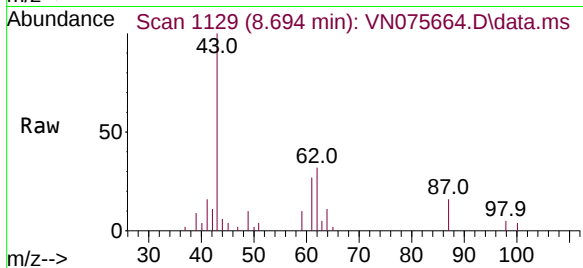
Tgt Ion: 43 Resp: 18097

Ion Ratio Lower Upper

43 100

61 29.4 23.8 35.8

87 18.3 13.7 20.5



#44

Trichloroethene

Concen: 4.968 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. 0.006 min

Lab File: VN075664.D

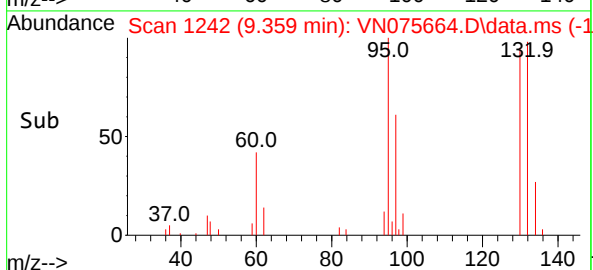
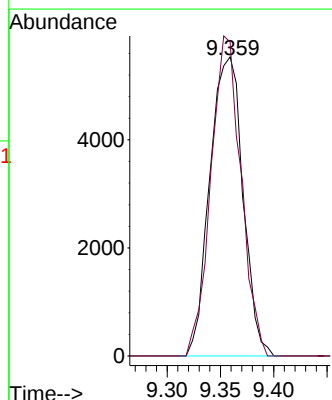
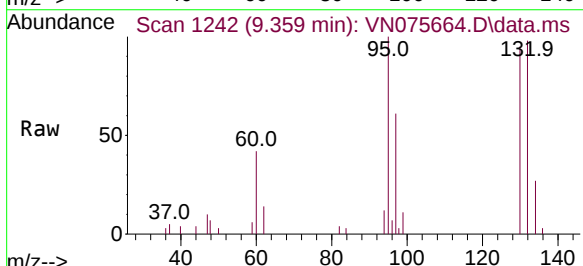
Acq: 09 Dec 2022 12:57

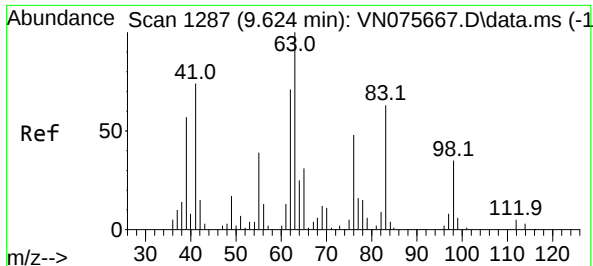
Tgt Ion:130 Resp: 11953

Ion Ratio Lower Upper

130 100

95 105.0 0.0 176.8





#45

1,2-Dichloropropane

Concen: 5.116 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

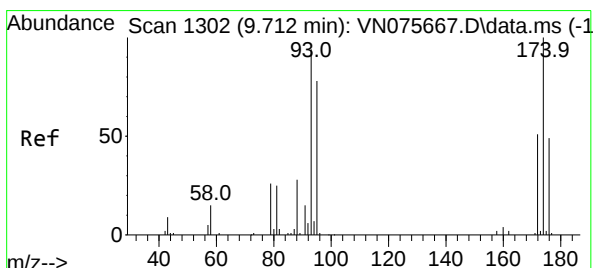
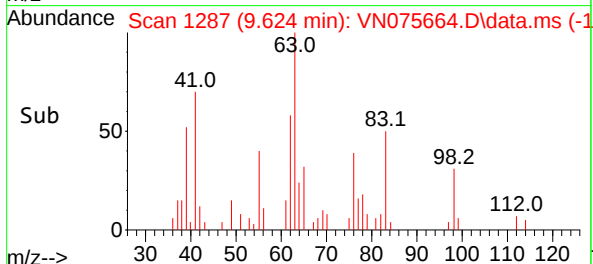
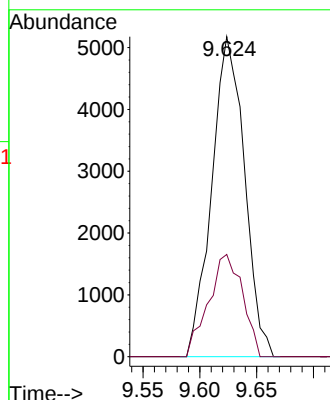
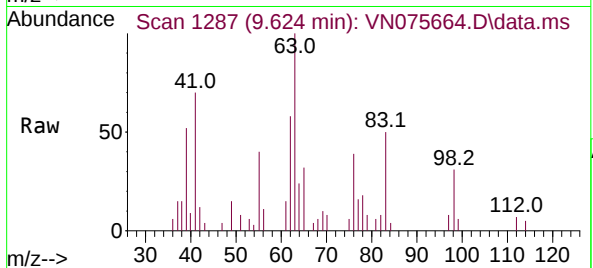
VSTDIC005

Tgt Ion: 63 Resp: 10377

Ion Ratio Lower Upper

63 100

65 31.9 25.1 37.7



#46

Dibromomethane

Concen: 5.064 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

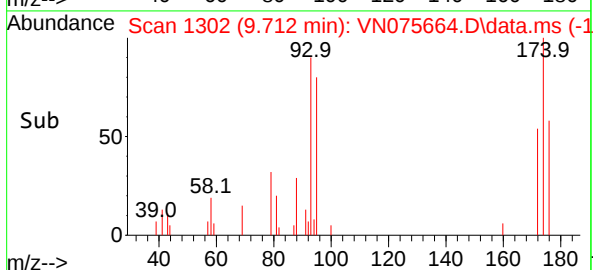
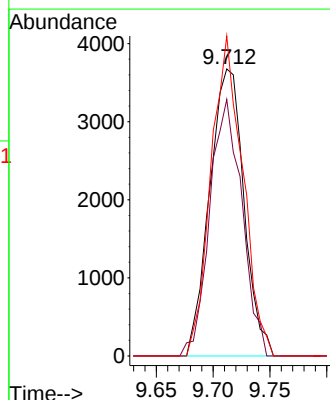
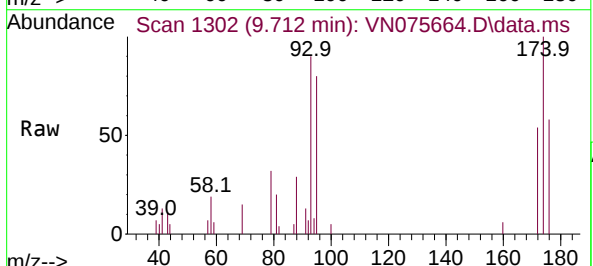
Tgt Ion: 93 Resp: 7711

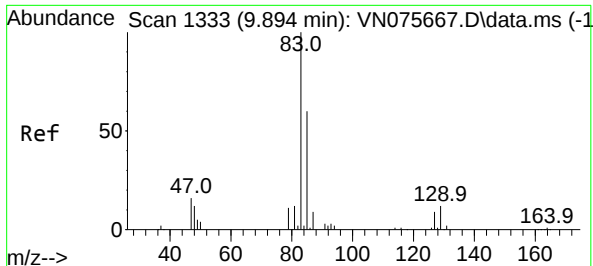
Ion Ratio Lower Upper

93 100

95 83.8 67.3 100.9

174 103.1 85.0 127.6





#47

Bromodichloromethane

Concen: 4.886 ug/l

RT: 9.888 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

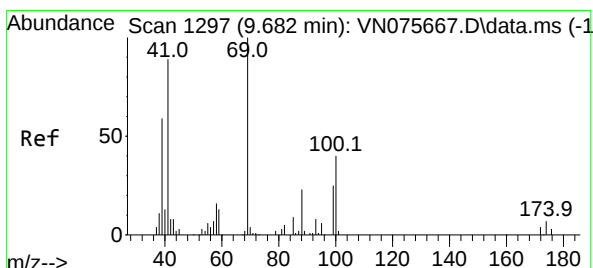
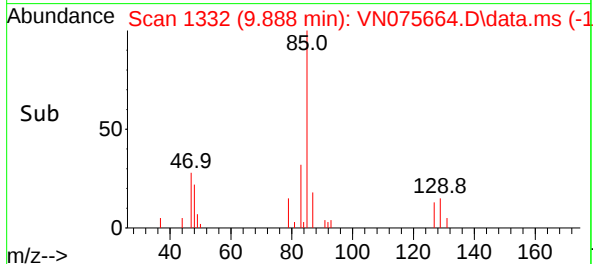
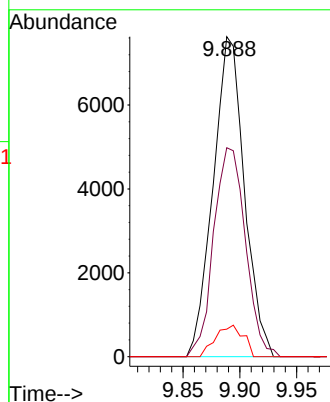
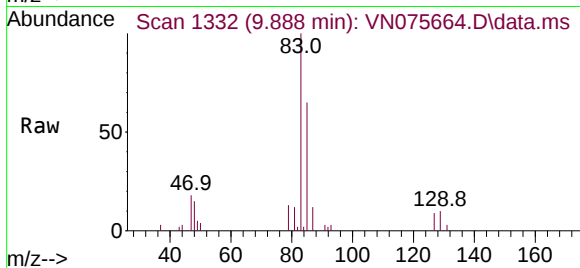
Tgt Ion: 83 Resp: 14590

Ion Ratio Lower Upper

83 100

85 65.3 48.0 72.0

127 8.6 7.4 11.2



#48

Methyl methacrylate

Concen: 4.603 ug/l

RT: 9.688 min Scan# 1298

Delta R.T. 0.006 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

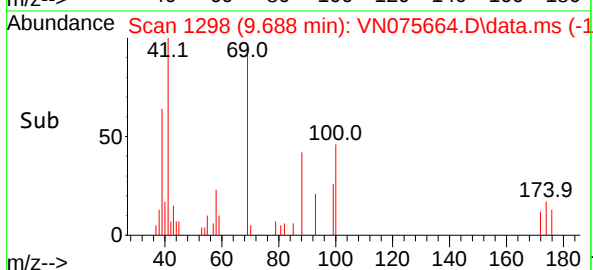
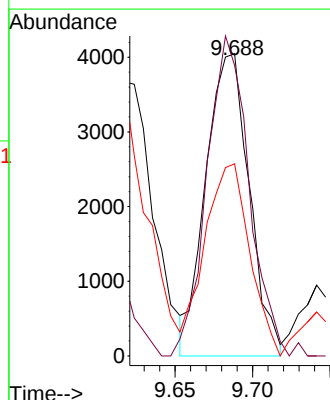
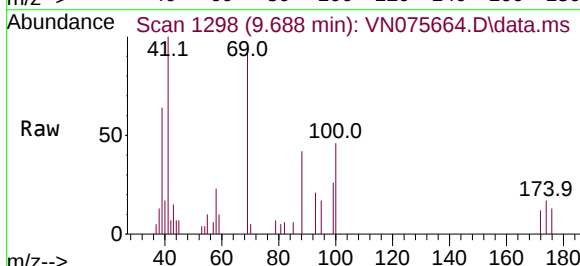
Tgt Ion: 41 Resp: 7897

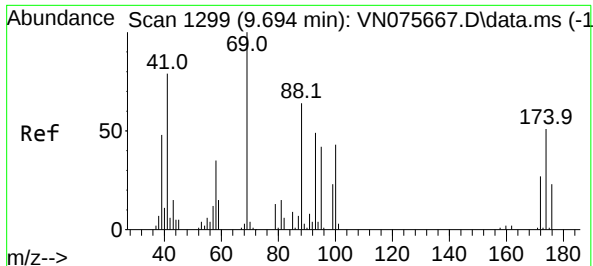
Ion Ratio Lower Upper

41 100

69 103.2 82.5 123.7

39 65.8 53.2 79.8





#49

1,4-Dioxane

Concen: 98.605 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

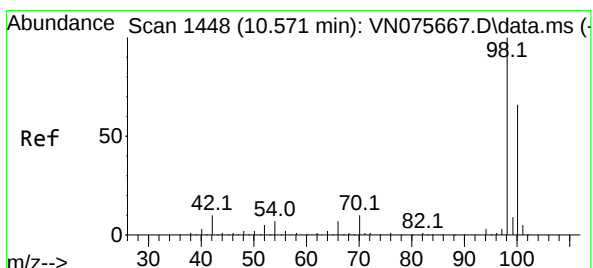
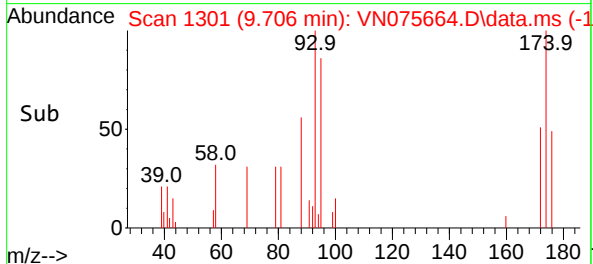
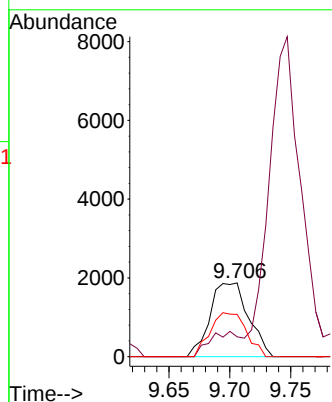
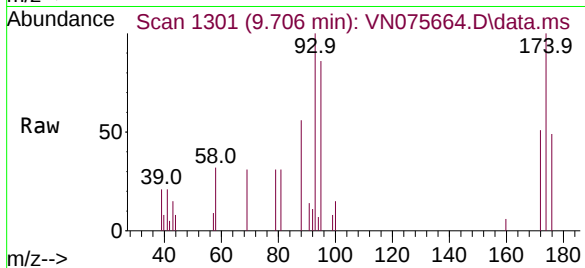
Tgt Ion: 88 Resp: 4112

Ion Ratio Lower Upper

88 100

43 28.7 17.4 26.0#

58 55.7 46.8 70.2



#50

Toluene-d8

Concen: 4.717 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075664.D

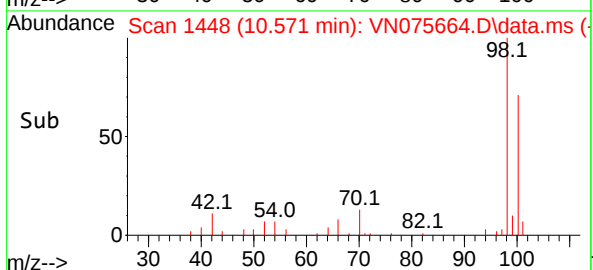
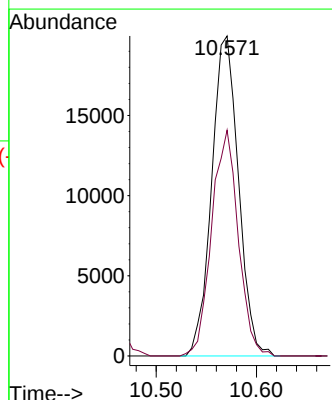
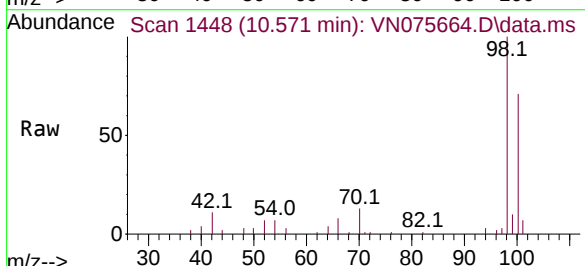
Acq: 09 Dec 2022 12:57

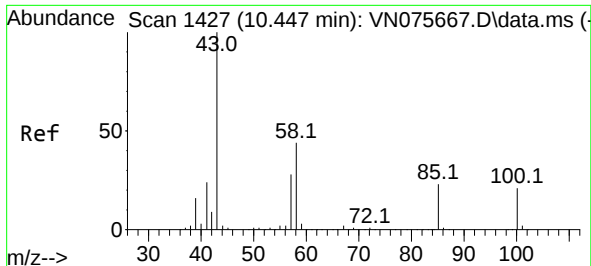
Tgt Ion: 98 Resp: 37072

Ion Ratio Lower Upper

98 100

100 69.9 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 24.438 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

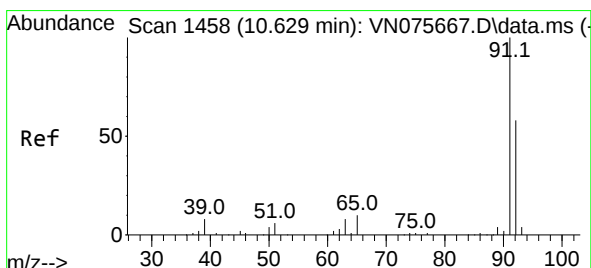
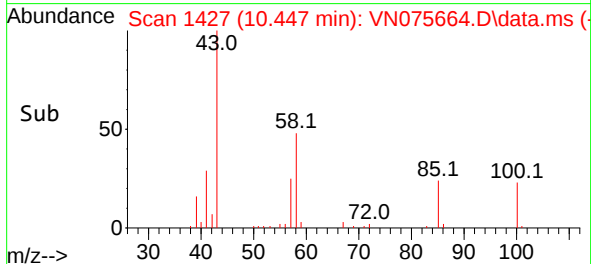
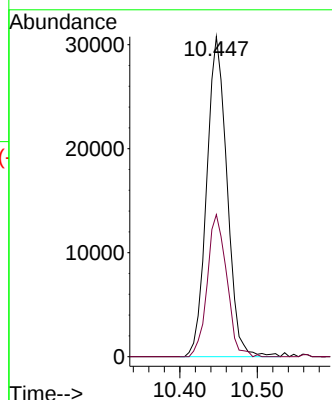
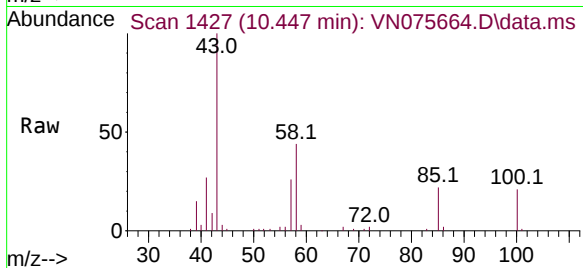
VSTDIC005

Tgt Ion: 43 Resp: 56130

Ion Ratio Lower Upper

43 100

58 42.5 35.0 52.6



#52

Toluene

Concen: 5.169 ug/l

RT: 10.629 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VN075664.D

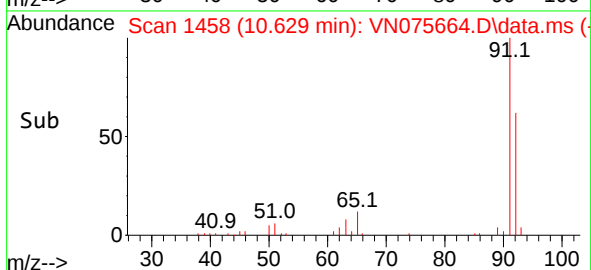
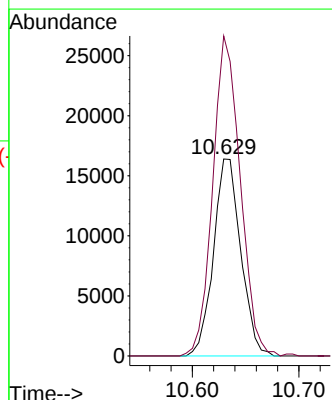
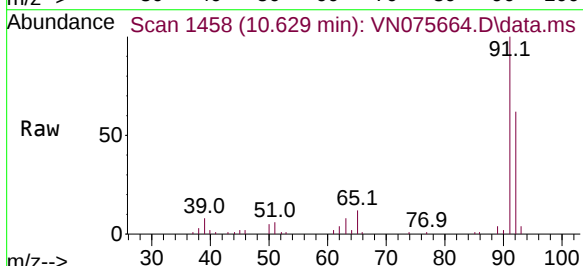
Acq: 09 Dec 2022 12:57

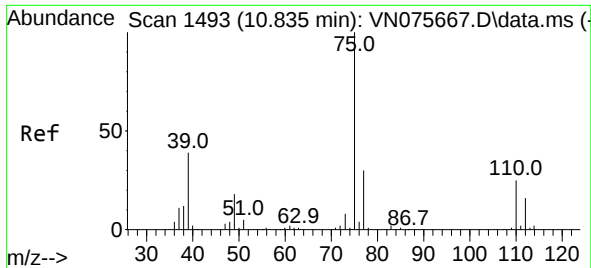
Tgt Ion: 92 Resp: 29136

Ion Ratio Lower Upper

92 100

91 164.1 137.9 206.9

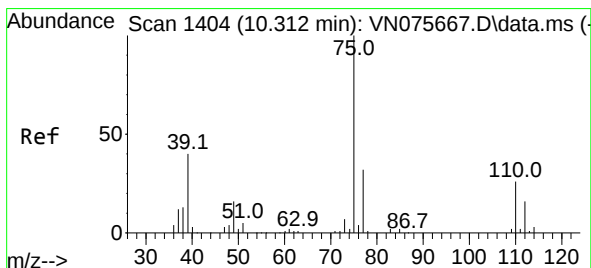
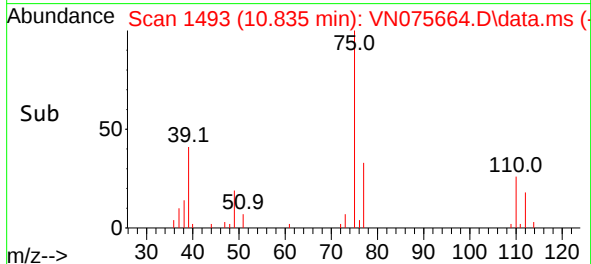
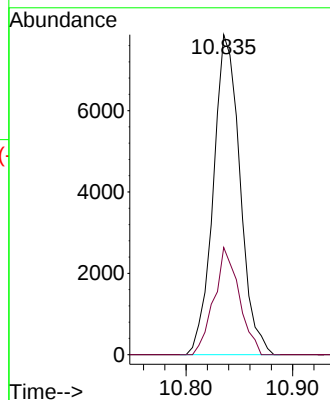
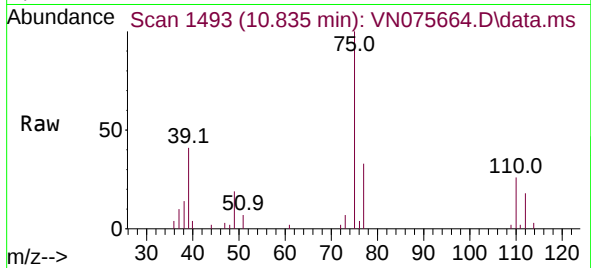




#53
 t-1,3-Dichloropropene
 Concen: 4.641 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN075664.D
 Acq: 09 Dec 2022 12:57

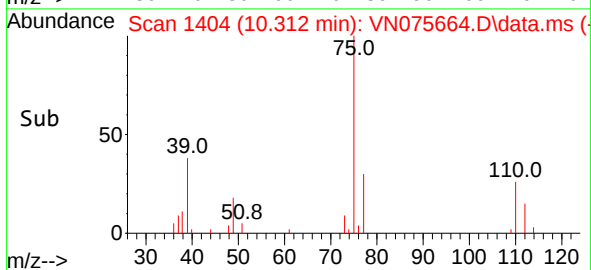
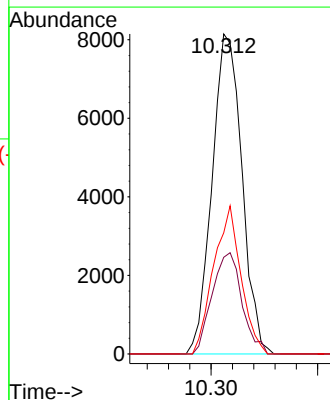
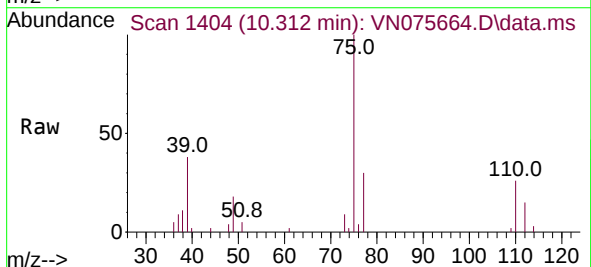
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

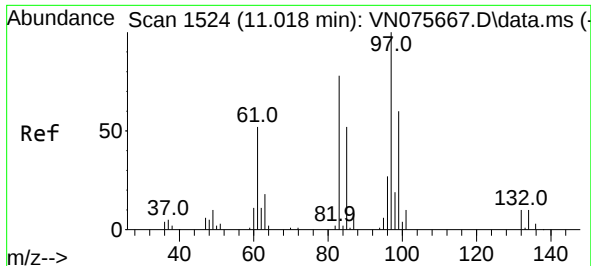
Tgt Ion: 75 Resp: 13686
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 4.827 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. 0.000 min
 Lab File: VN075664.D
 Acq: 09 Dec 2022 12:57

Tgt Ion: 75 Resp: 15835
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.3 37.9
 39 37.8 32.0 48.0

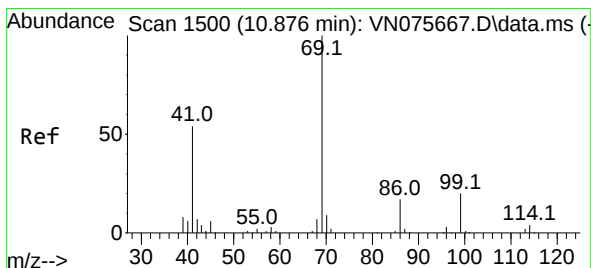
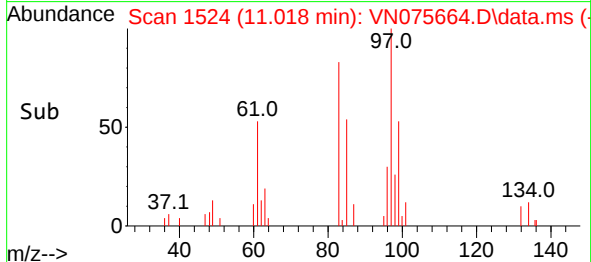
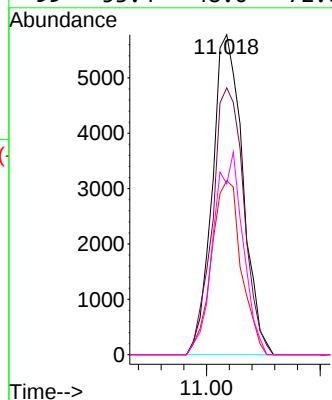
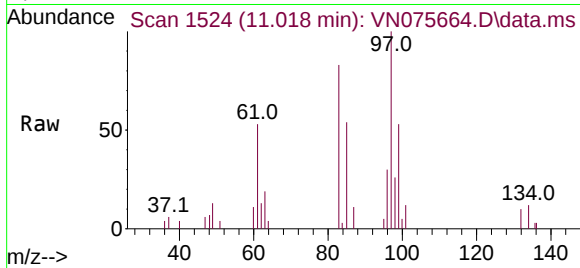




#55
1,1,2-Trichloroethane
Concen: 4.857 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

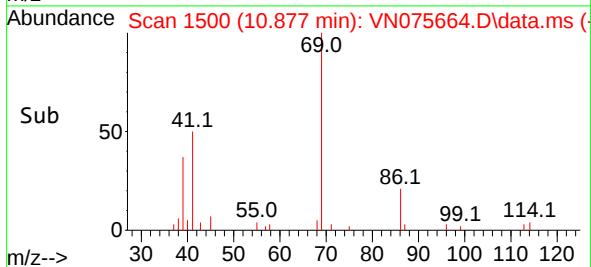
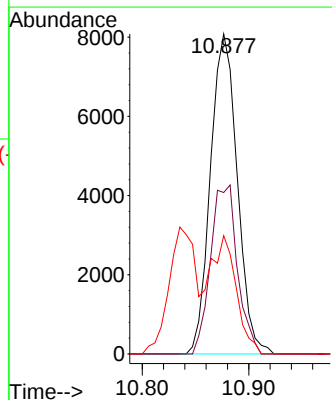
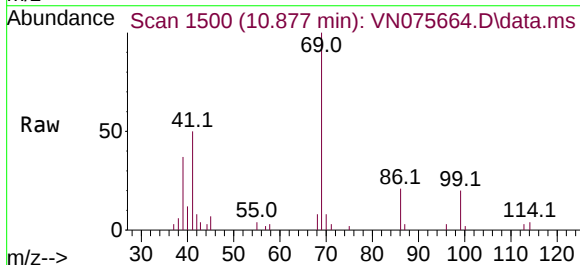
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

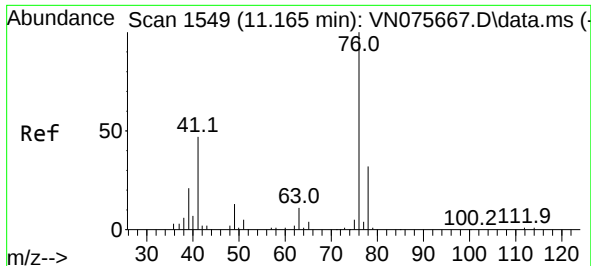
Tgt Ion:	97	Resp:	10764
Ion	Ratio	Lower	Upper
97	100		
83	83.4	62.7	94.1
85	54.4	41.8	62.6
99	53.4	48.0	72.0



#56
Ethyl methacrylate
Concen: 4.703 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion:	69	Resp:	14124
Ion	Ratio	Lower	Upper
69	100		
41	52.9	44.1	66.1
39	33.2	27.7	41.5





#57

1,3-Dichloropropane

Concen: 4.937 ug/l

RT: 11.165 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

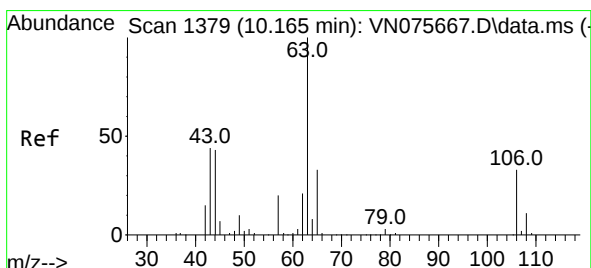
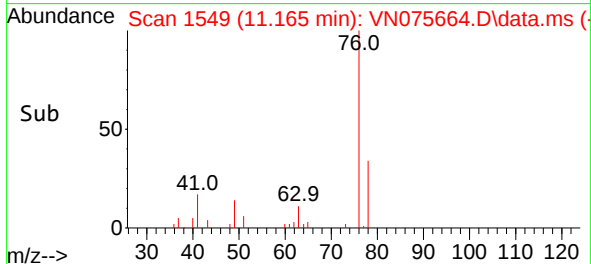
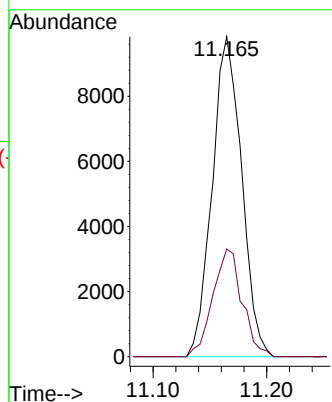
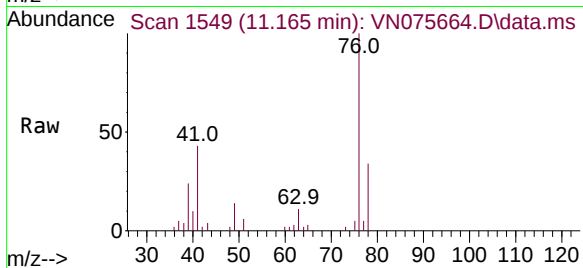
VSTDIC005

Tgt Ion: 76 Resp: 17687

Ion Ratio Lower Upper

76 100

78 33.5 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 23.429 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075664.D

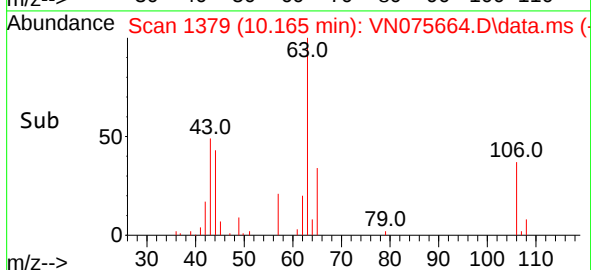
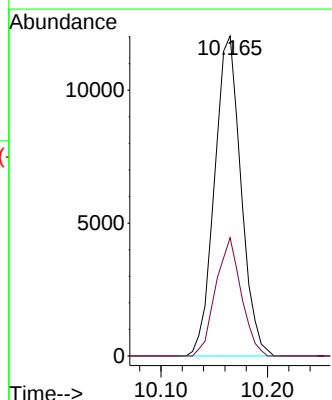
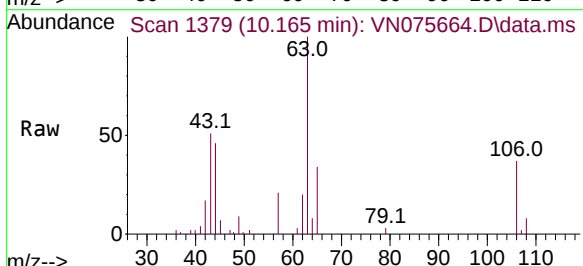
Acq: 09 Dec 2022 12:57

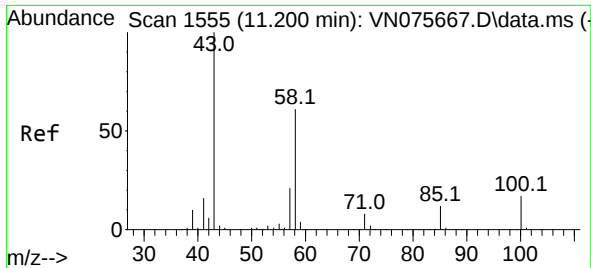
Tgt Ion: 63 Resp: 20775

Ion Ratio Lower Upper

63 100

106 35.6 26.6 40.0

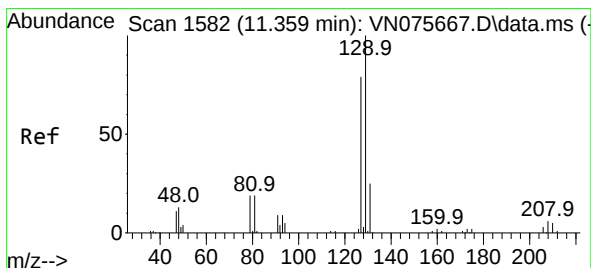
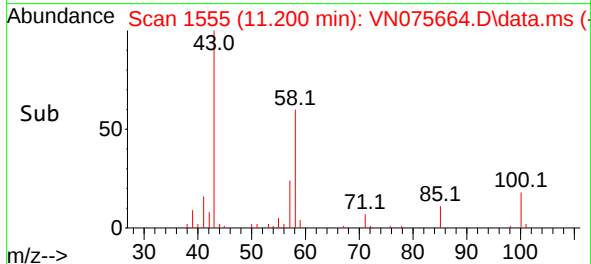
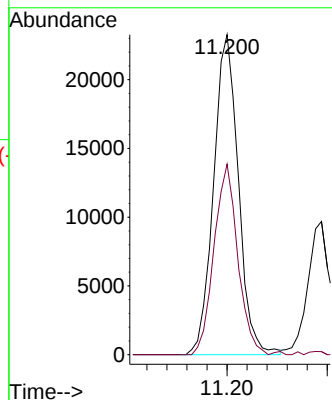
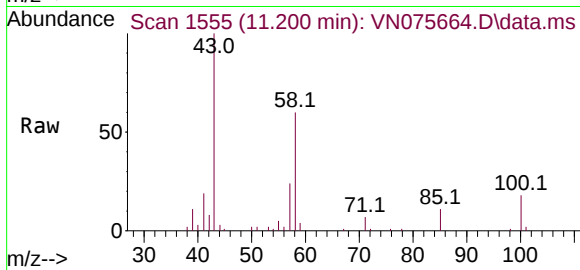




#59
2-Hexanone
Concen: 23.914 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

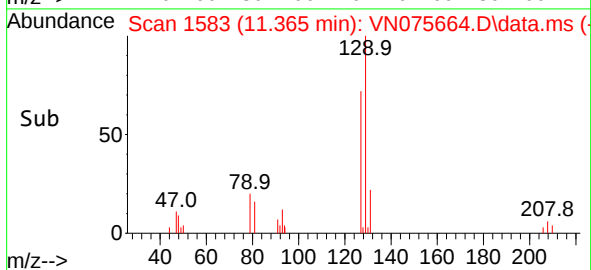
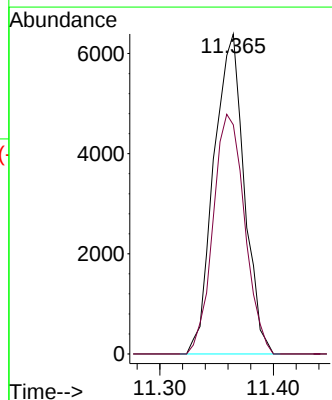
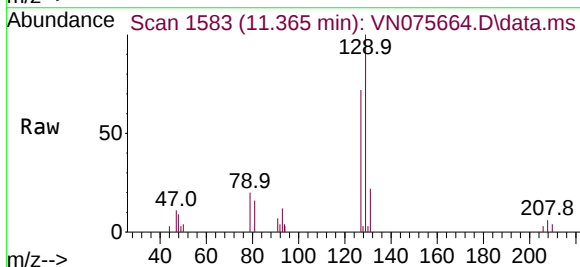
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

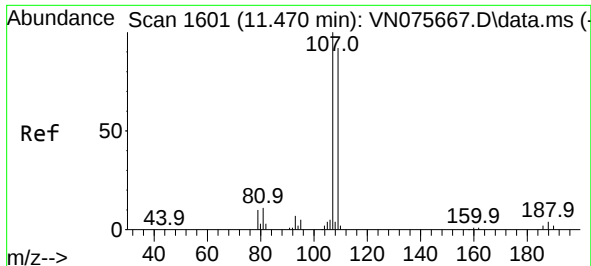
Tgt Ion: 43 Resp: 39905
Ion Ratio Lower Upper
43 100
58 57.1 30.9 92.5



#60
Dibromochloromethane
Concen: 4.871 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 129 Resp: 11880
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0

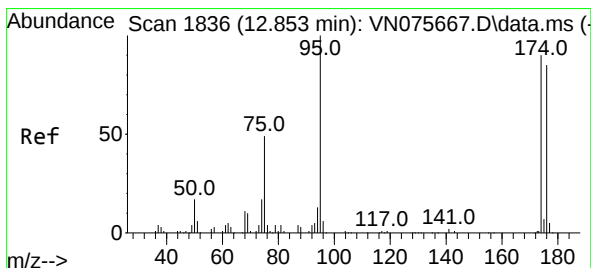
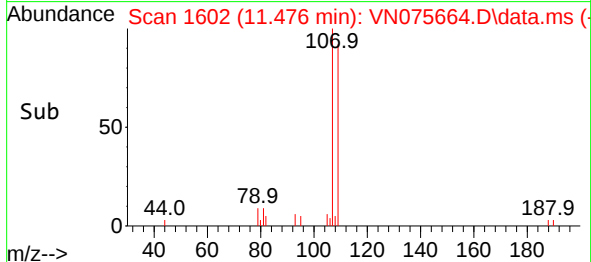
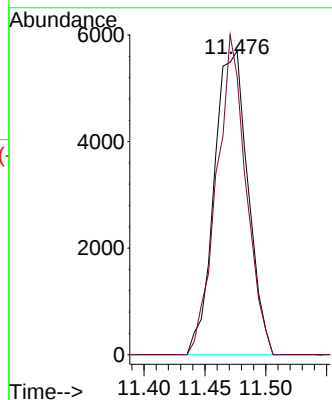
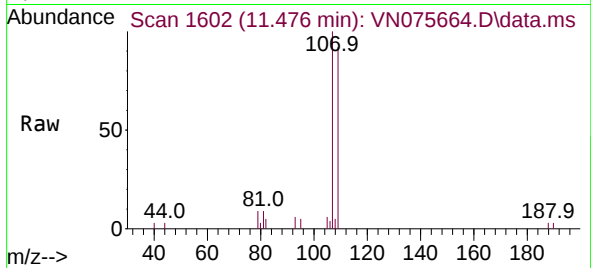




#61
1,2-Dibromoethane
Concen: 4.734 ug/l
RT: 11.476 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

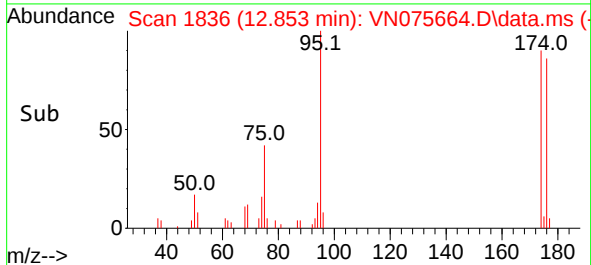
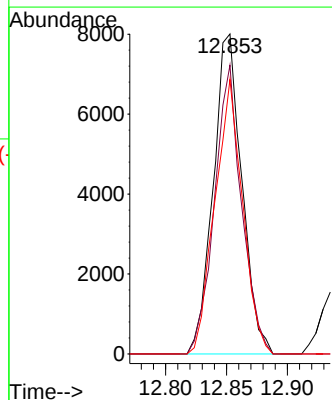
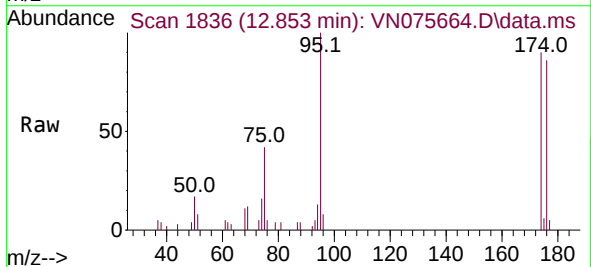
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

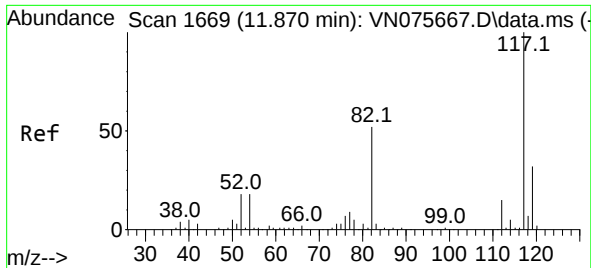
Tgt Ion:107 Resp: 10992
Ion Ratio Lower Upper
107 100
109 91.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 4.878 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 95 Resp: 13108
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.6
176 83.0 0.0 170.8

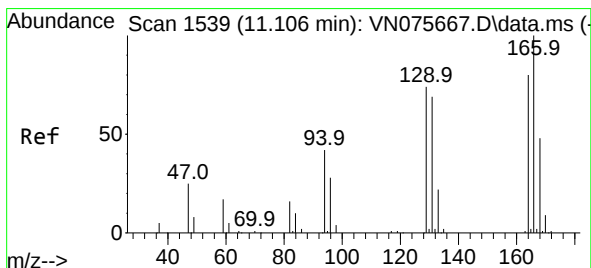
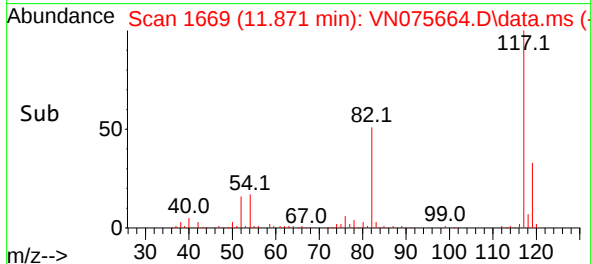
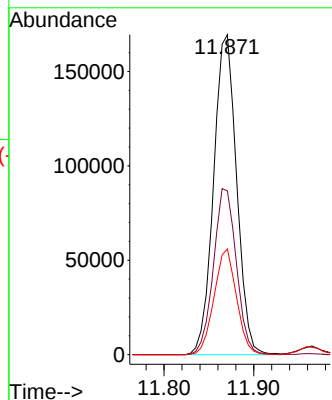
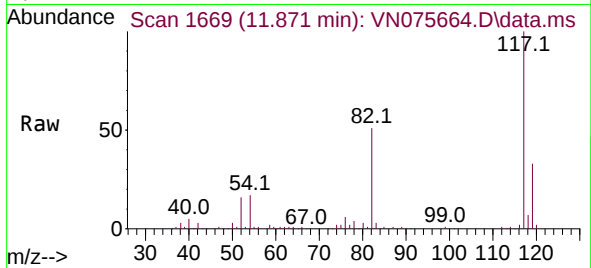




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

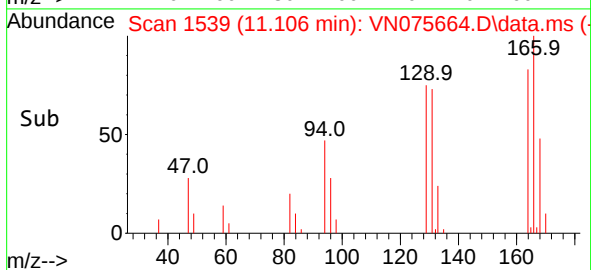
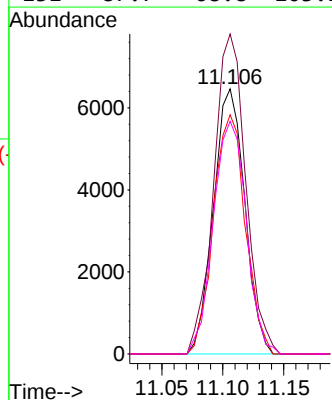
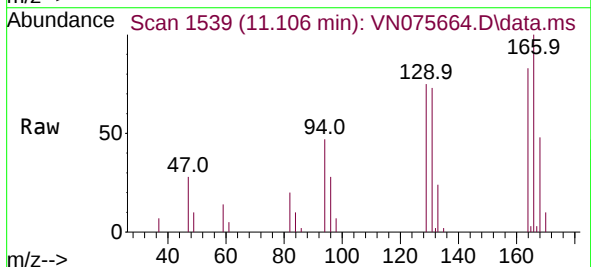
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

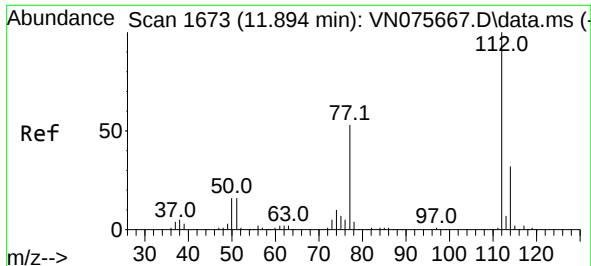
Tgt Ion:117 Resp: 302030
Ion Ratio Lower Upper
117 100
82 51.2 41.8 62.8
119 33.1 25.8 38.6



#64
Tetrachloroethene
Concen: 5.255 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion:164 Resp: 11560
Ion Ratio Lower Upper
164 100
166 120.7 100.3 150.5
129 90.2 73.9 110.9
131 87.7 68.8 103.2

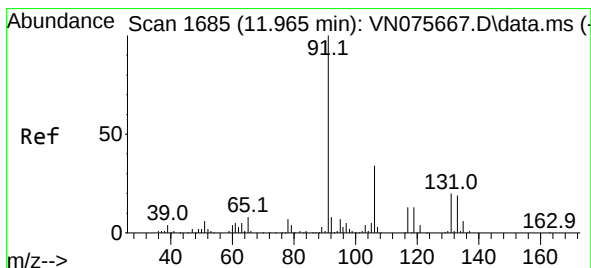
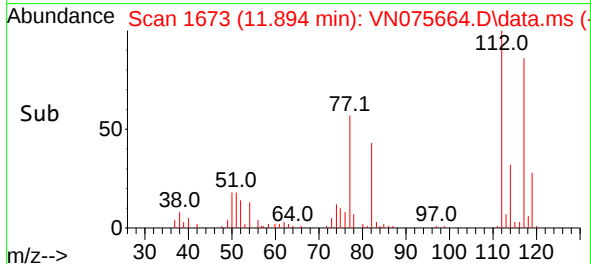
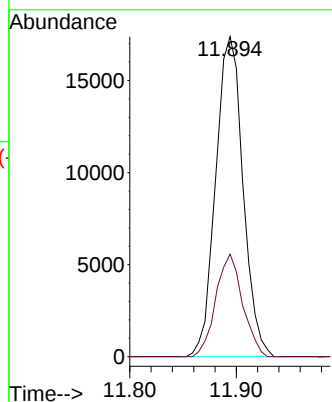
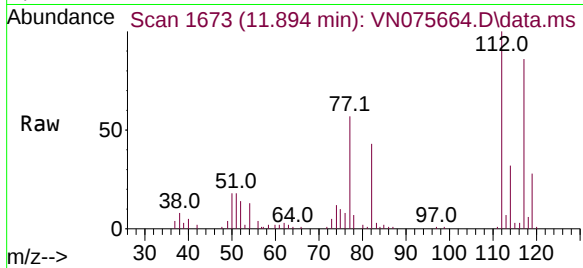




#65
Chlorobenzene
Concen: 4.982 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

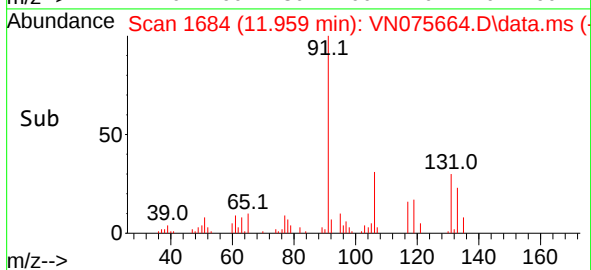
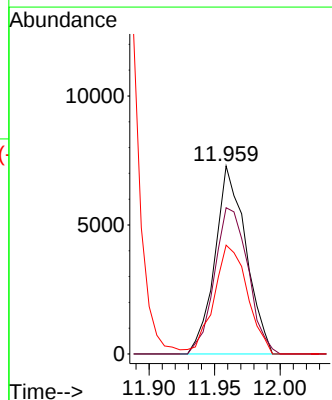
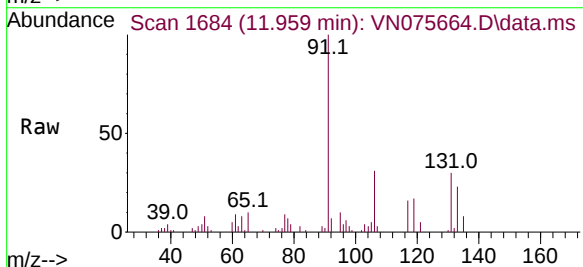
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

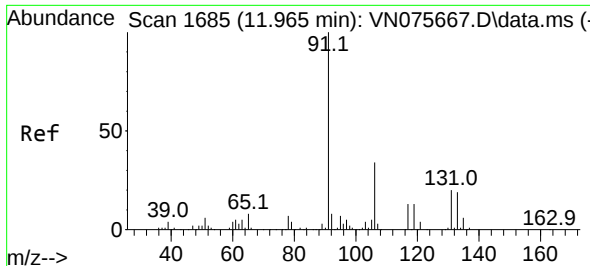
Tgt Ion:112 Resp: 30961
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 5.290 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion:131 Resp: 11960
Ion Ratio Lower Upper
131 100
133 84.2 47.5 142.6
119 62.8 32.5 97.4

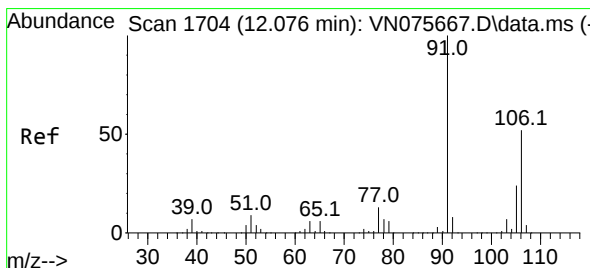
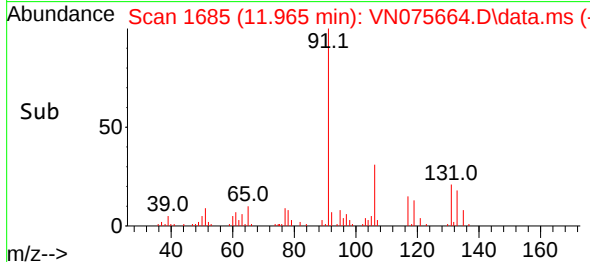
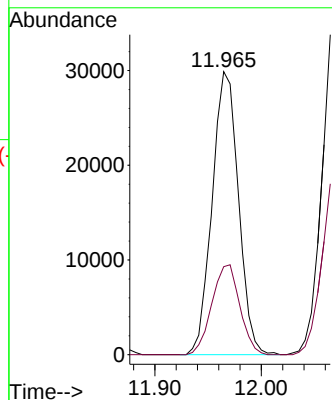
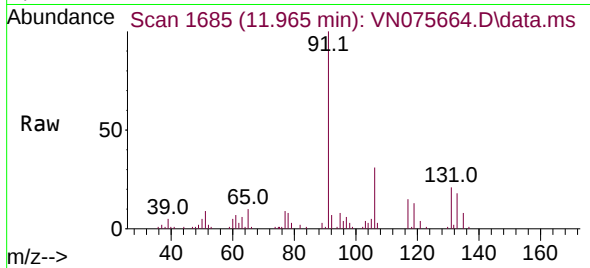




#67
Ethyl Benzene
Concen: 4.878 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

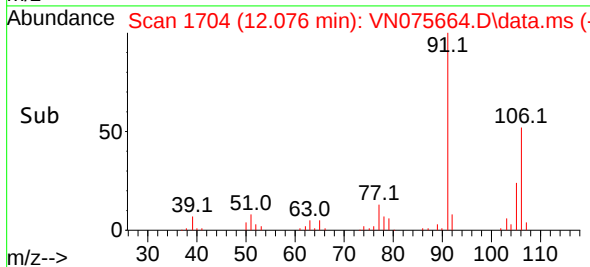
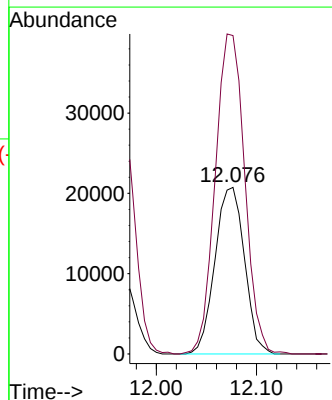
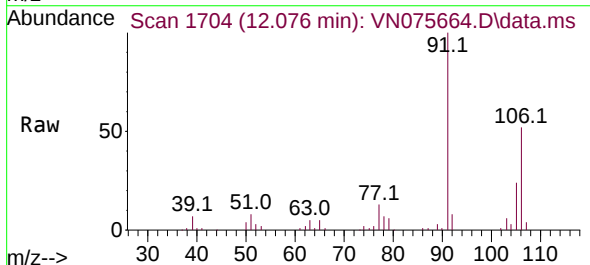
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

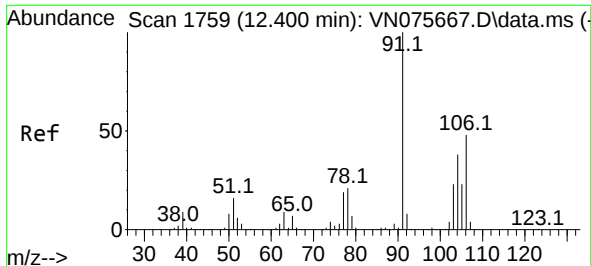
Tgt Ion: 91 Resp: 51278
Ion Ratio Lower Upper
91 100
106 31.1 26.9 40.3



#68
m/p-Xylenes
Concen: 9.960 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 106 Resp: 42308
Ion Ratio Lower Upper
106 100
91 191.7 156.2 234.4





#69

o-Xylene

Concen: 4.898 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

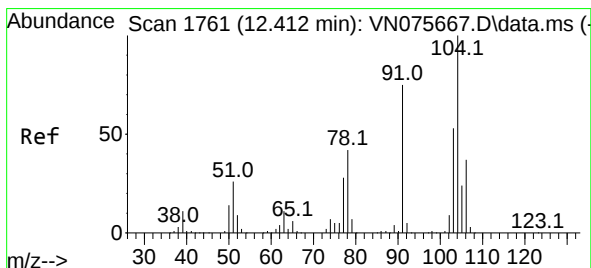
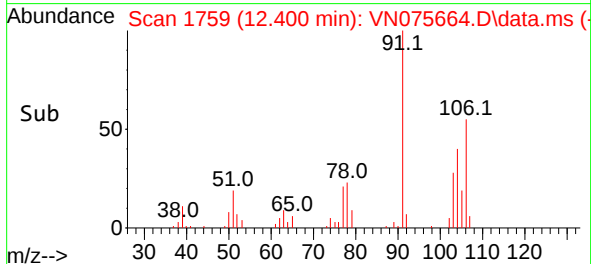
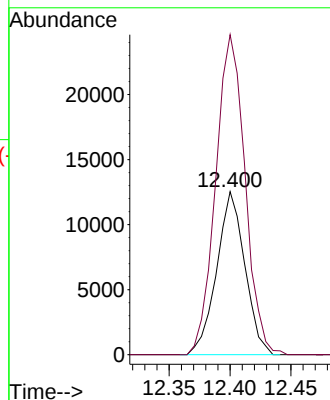
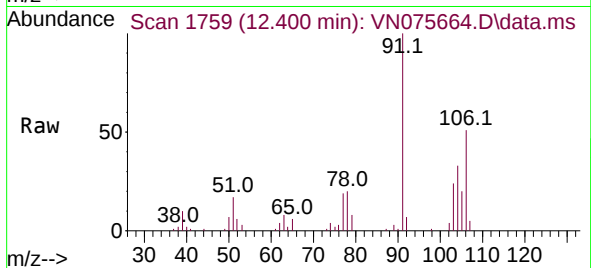
VSTDIC005

Tgt Ion:106 Resp: 20188

Ion Ratio Lower Upper

106 100

91 204.8 102.8 308.5



#70

Styrene

Concen: 4.757 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

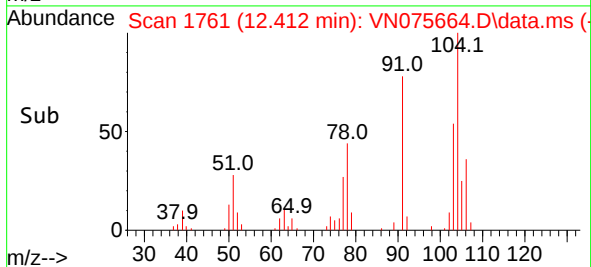
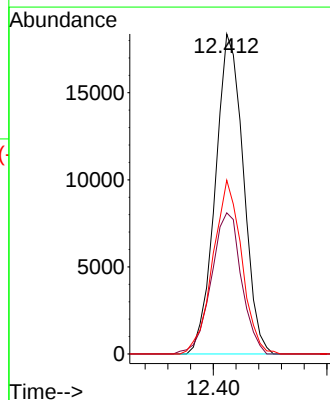
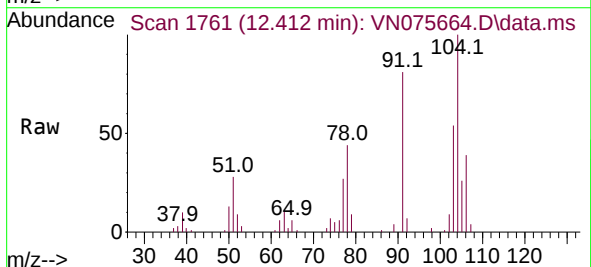
Tgt Ion:104 Resp: 31451

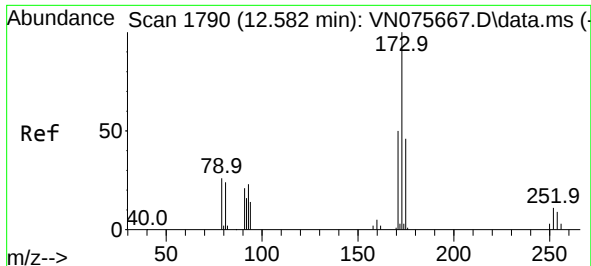
Ion Ratio Lower Upper

104 100

78 47.3 36.7 55.1

103 55.7 44.0 66.0

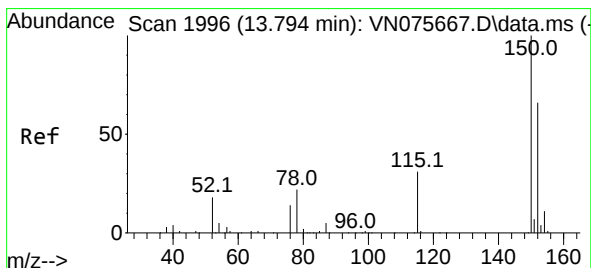
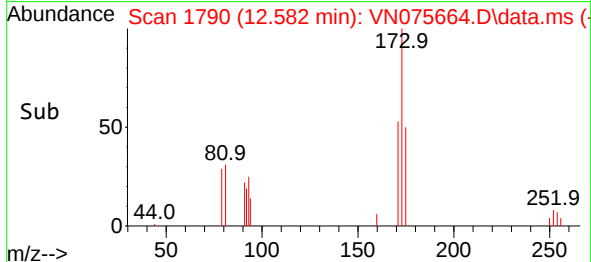
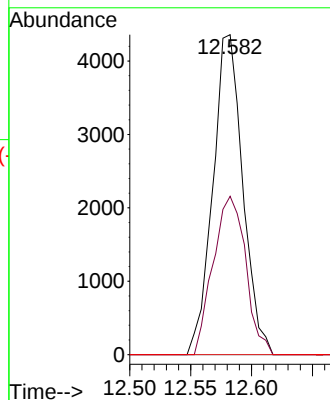
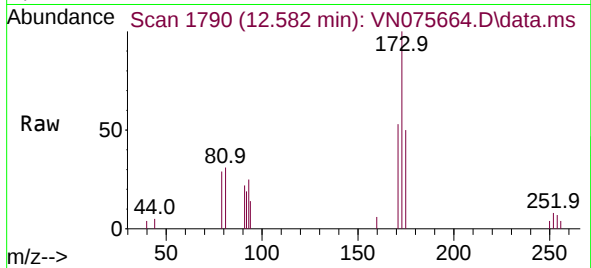




#71
Bromoform
Concen: 4.346 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

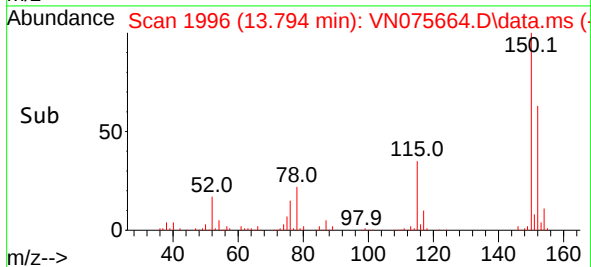
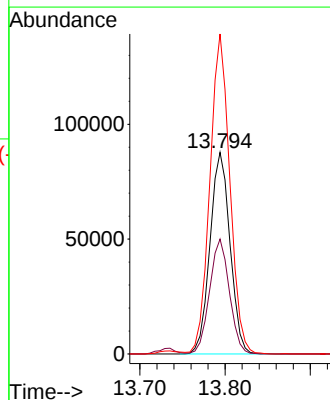
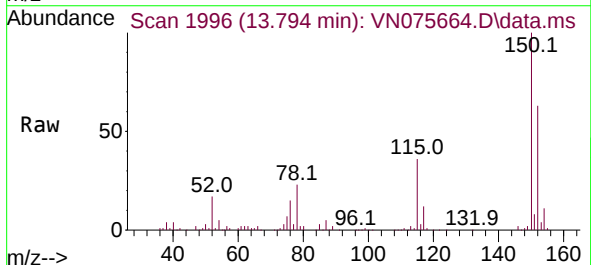
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

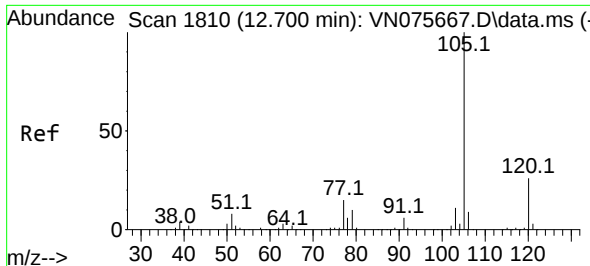
Tgt Ion:173 Resp: 7448
Ion Ratio Lower Upper
173 100
175 53.8 23.8 71.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion:152 Resp: 143235
Ion Ratio Lower Upper
152 100
115 56.3 28.4 85.2
150 157.6 0.0 347.6

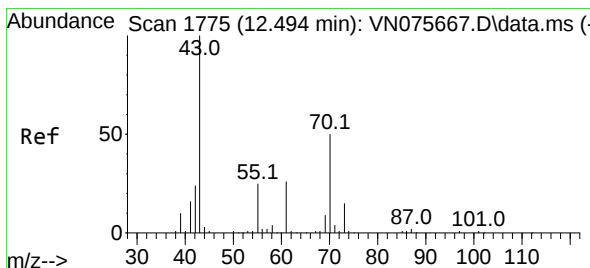
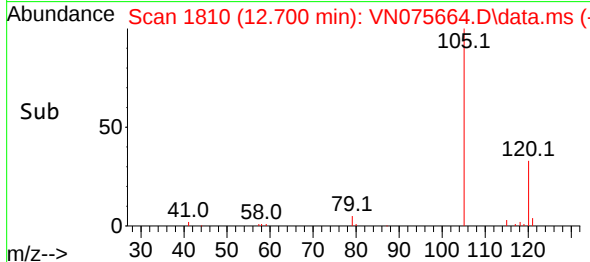
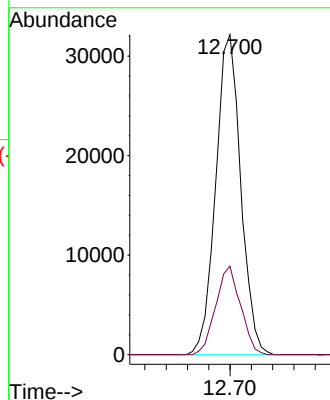
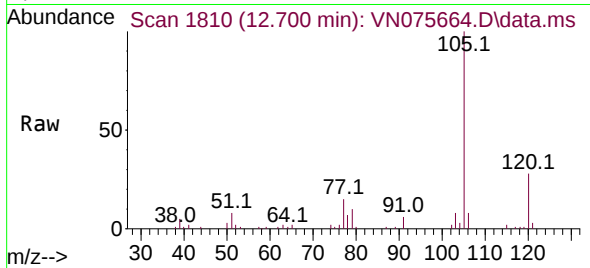




#73
Isopropylbenzene
Concen: 5.091 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

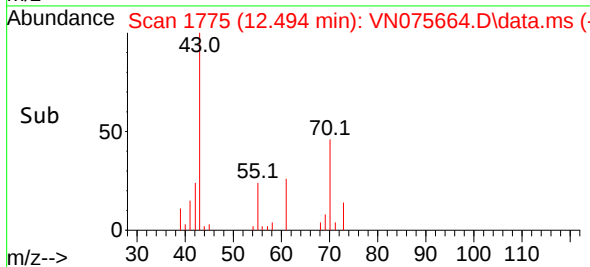
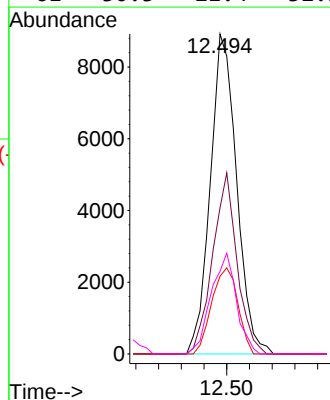
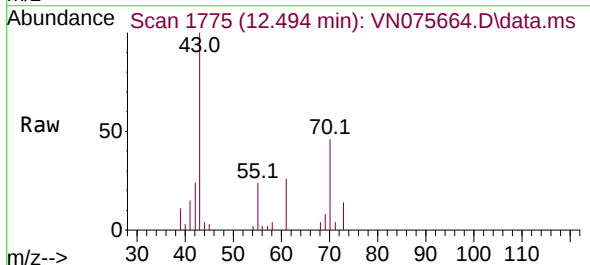
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

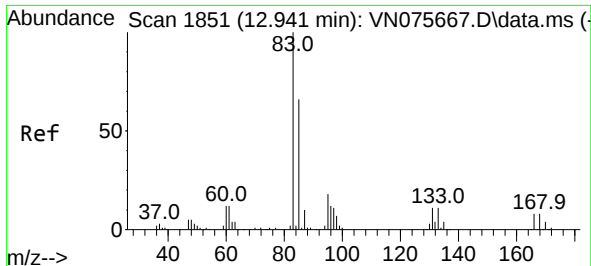
Tgt Ion:105 Resp: 52358
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2



#74
N-ethyl acetate
Concen: 4.807 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 43 Resp: 14363
Ion Ratio Lower Upper
43 100
70 52.5 41.0 61.6
55 26.7 20.7 31.1
61 30.3 21.4 32.2

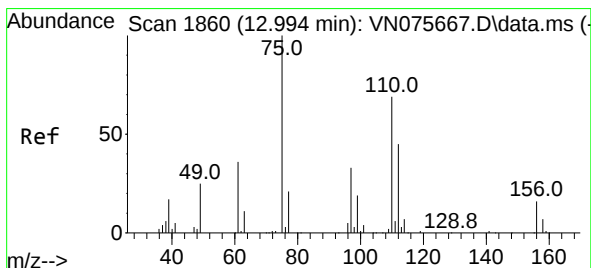
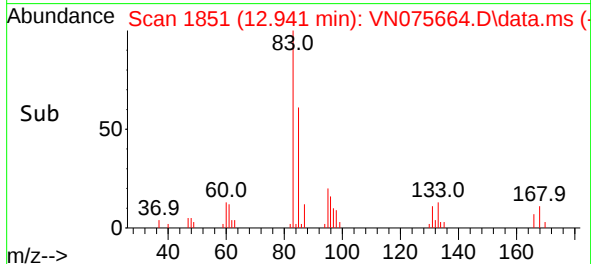
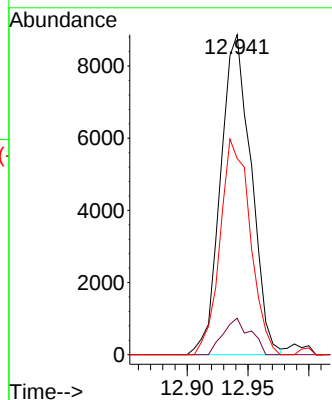
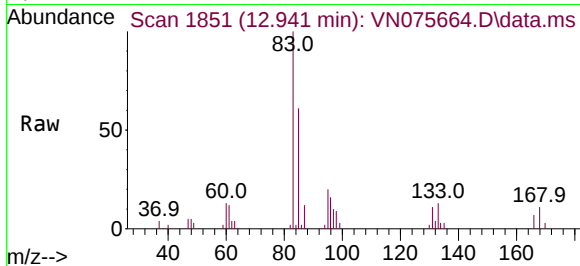




#75
1,1,2,2-Tetrachloroethane
Concen: 5.004 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

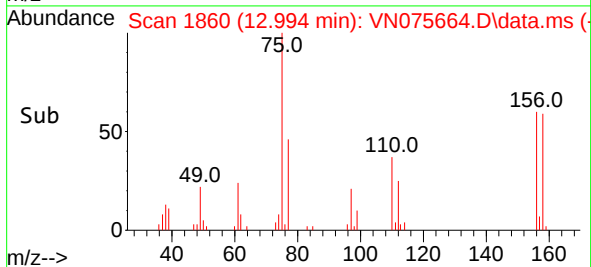
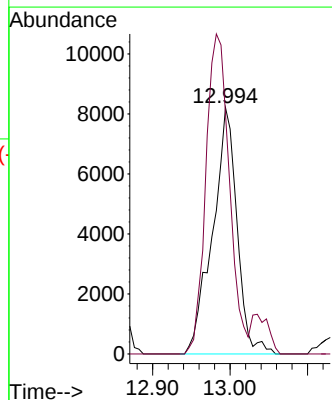
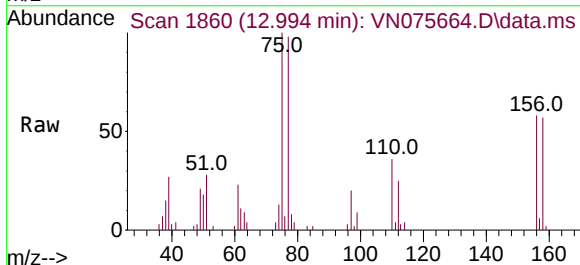
Instrument : MSVOA_N
ClientSampleId : VSTDIC005

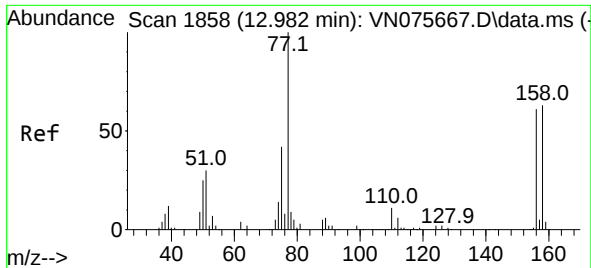
Tgt Ion: 83 Resp: 15458
Ion Ratio Lower Upper
83 100
131 10.2 5.6 16.8
85 66.5 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 6.271 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 75 Resp: 18039
Ion Ratio Lower Upper
75 100
77 124.2 81.8 245.4

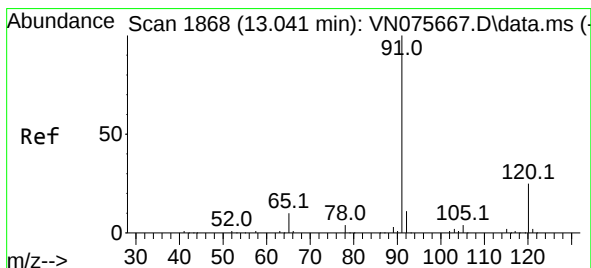
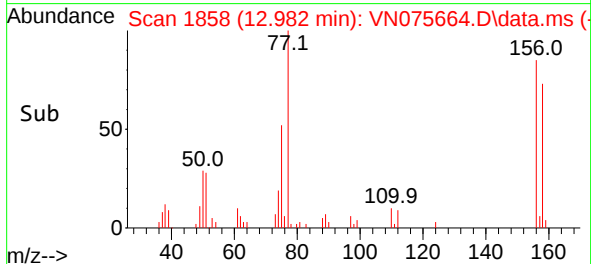
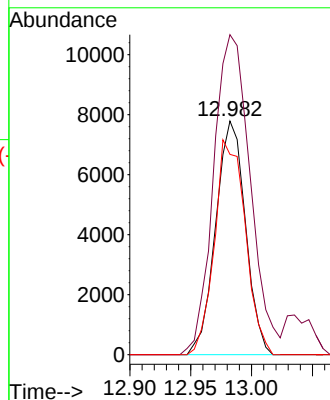
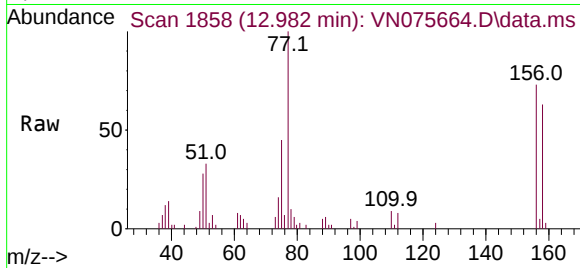




#77
Bromobenzene
Concen: 5.125 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

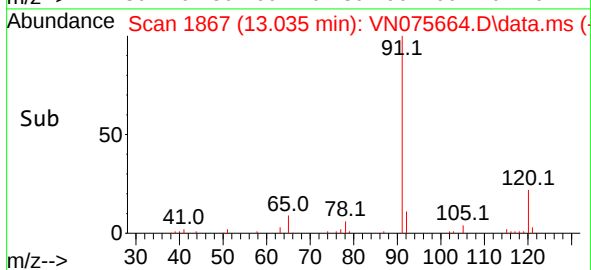
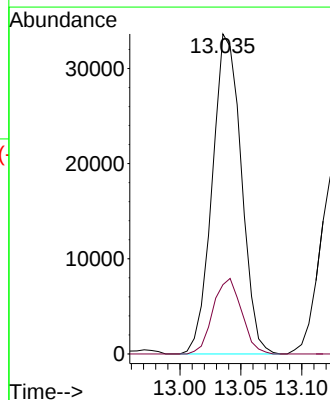
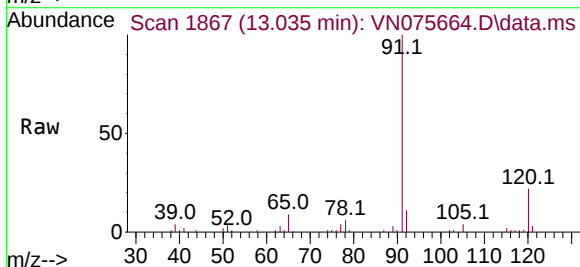
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

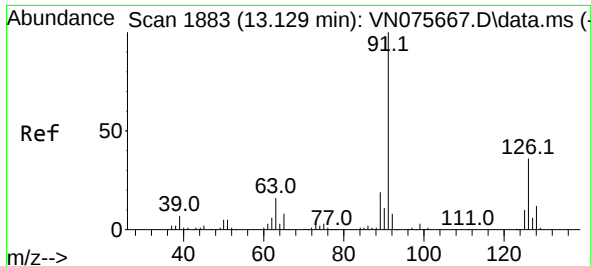
Tgt Ion:156 Resp: 13255
Ion Ratio Lower Upper
156 100
77 169.0 90.8 272.5
158 95.3 49.3 147.8



#78
n-propylbenzene
Concen: 4.893 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 91 Resp: 55838
Ion Ratio Lower Upper
91 100
120 23.1 12.1 36.3





#79

2-Chlorotoluene

Concen: 4.981 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

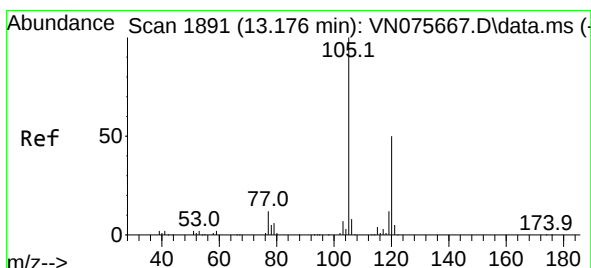
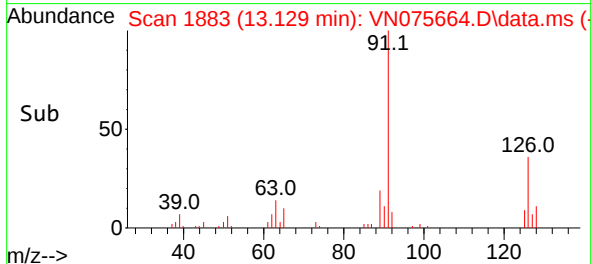
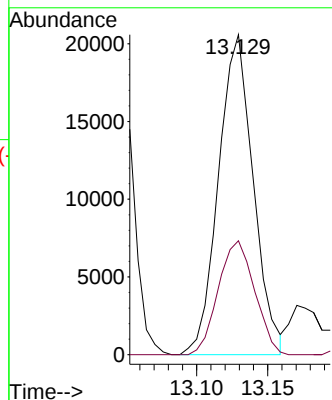
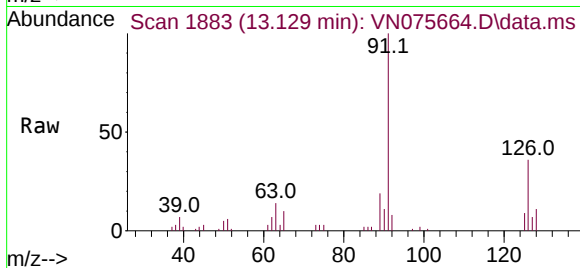
VSTDICC005

Tgt Ion: 91 Resp: 35097

Ion Ratio Lower Upper

91 100

126 37.2 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 4.912 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075664.D

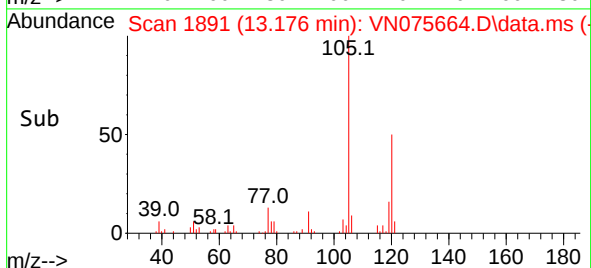
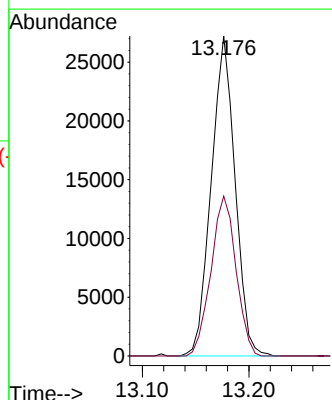
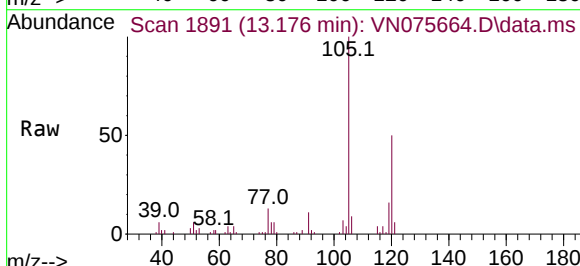
Acq: 09 Dec 2022 12:57

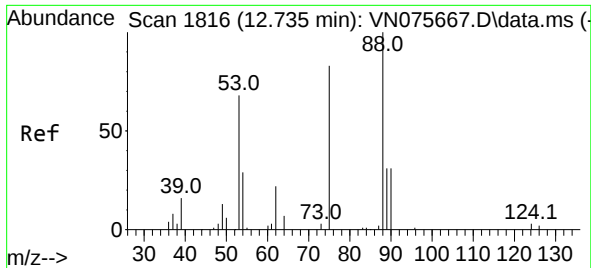
Tgt Ion: 105 Resp: 42235

Ion Ratio Lower Upper

105 100

120 52.5 24.9 74.6

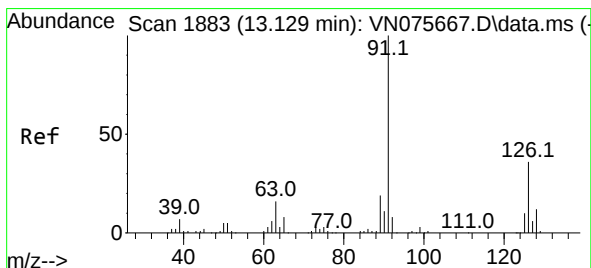
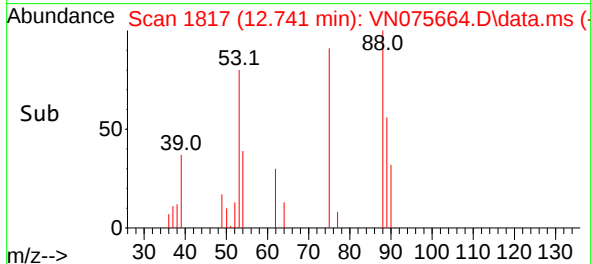
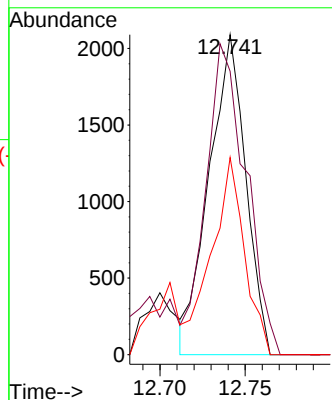
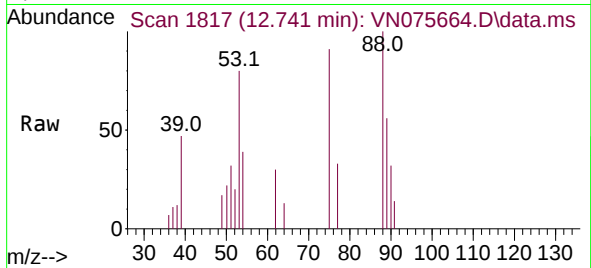




#81
trans-1,4-Dichloro-2-butene
Concen: 6.020 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

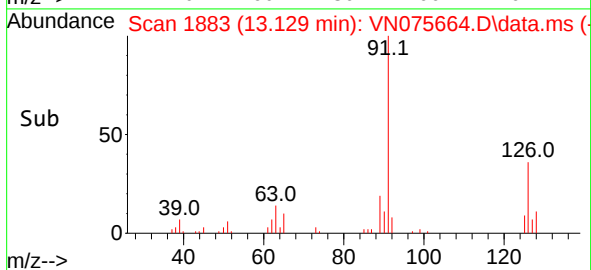
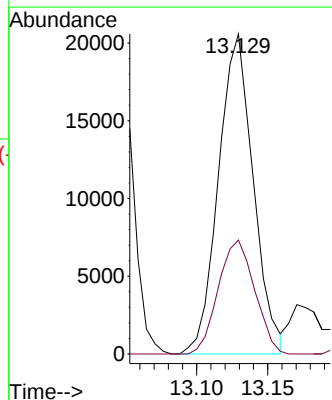
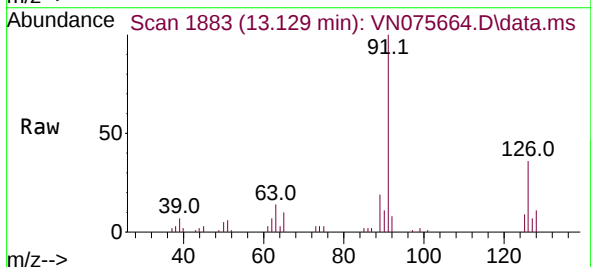
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

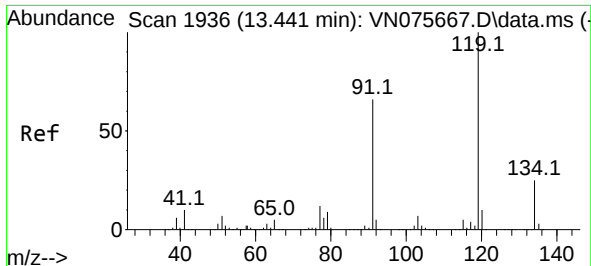
Tgt Ion: 75 Resp: 3110
Ion Ratio Lower Upper
75 100
53 106.5 72.4 108.6
89 56.0 36.6 55.0#



#82
4-Chlorotoluene
Concen: 4.981 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 91 Resp: 35097
Ion Ratio Lower Upper
91 100
126 37.2 17.8 53.4

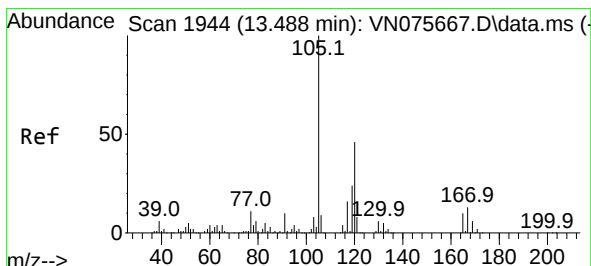
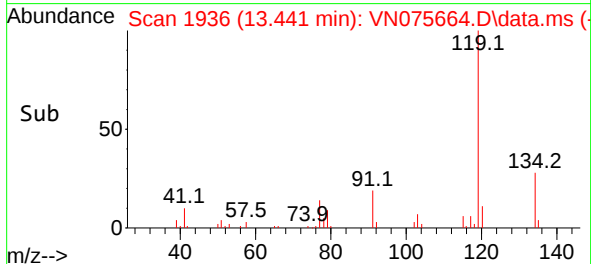
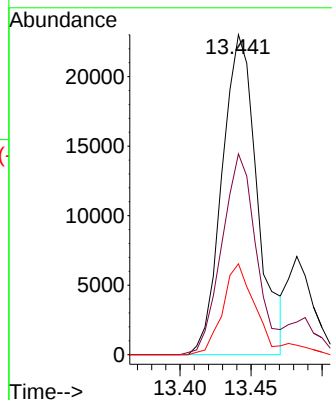
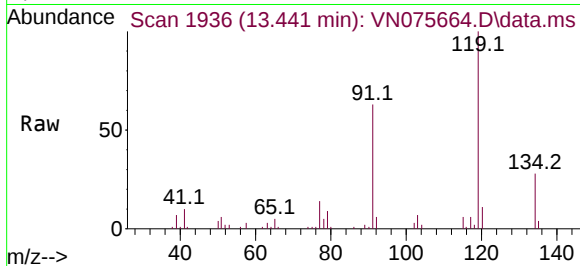




#83
tert-Butylbenzene
Concen: 5.090 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

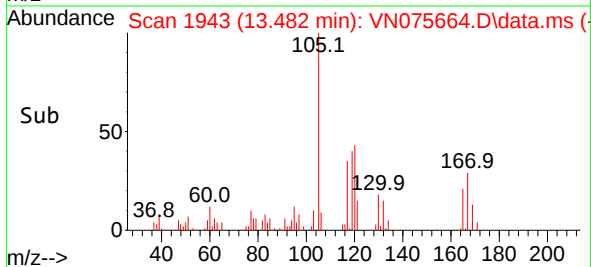
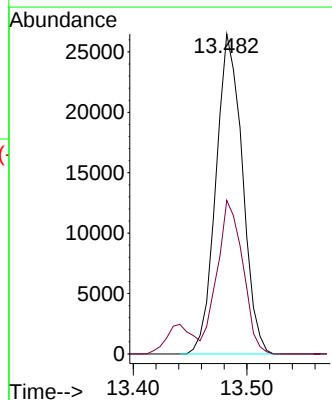
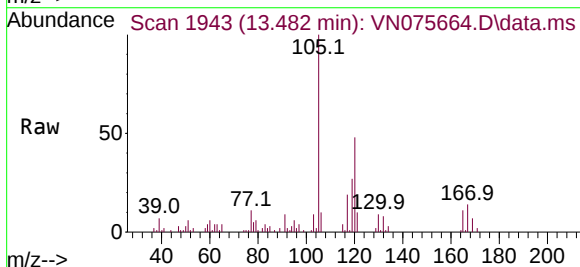
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

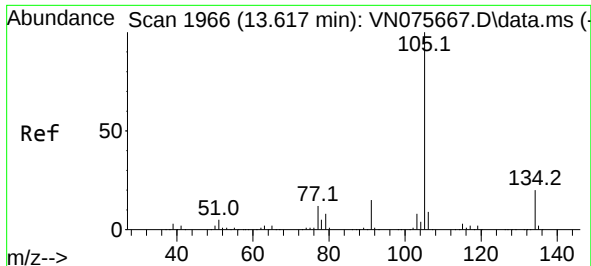
Tgt Ion:119 Resp: 39688
Ion Ratio Lower Upper
119 100
91 61.5 31.9 95.9
134 25.8 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 4.955 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion:105 Resp: 42821
Ion Ratio Lower Upper
105 100
120 46.7 23.1 69.2

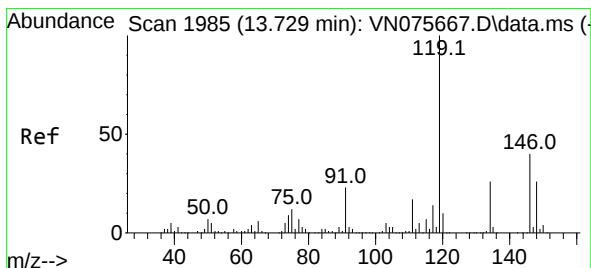
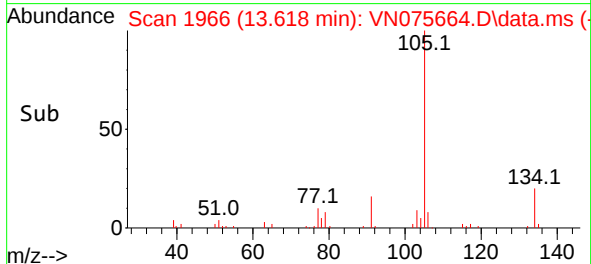
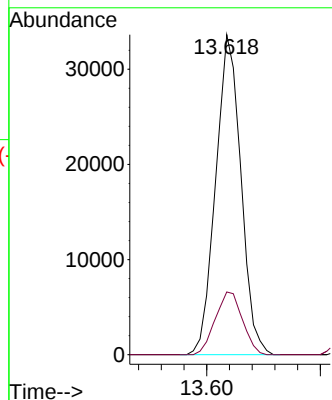
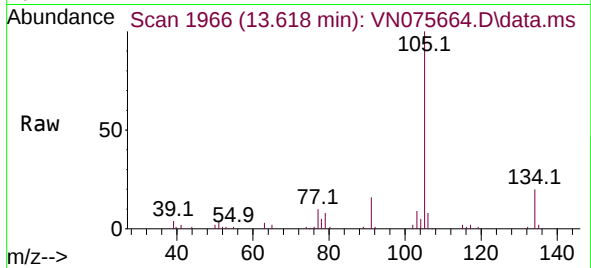




#85
 sec-Butylbenzene
 Concen: 4.842 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075664.D
 Acq: 09 Dec 2022 12:57

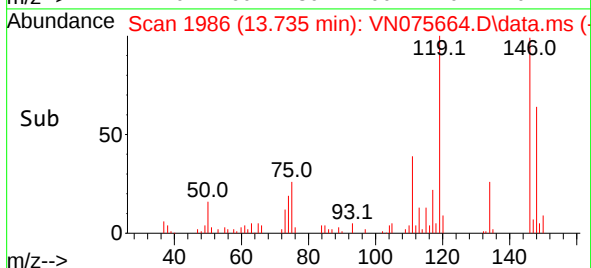
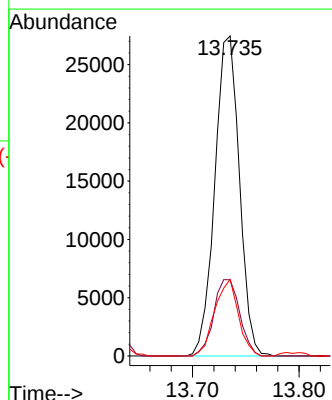
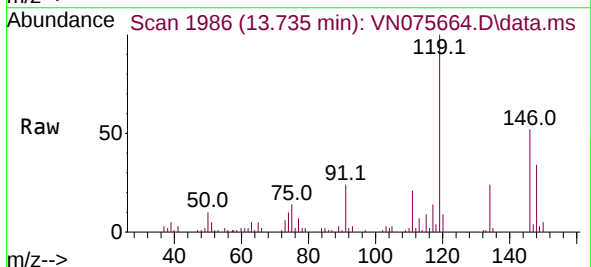
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

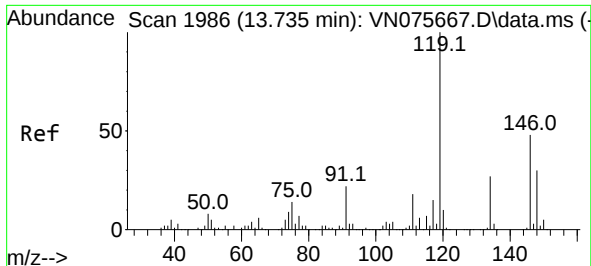
Tgt Ion:105 Resp: 51901
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 4.894 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075664.D
 Acq: 09 Dec 2022 12:57

Tgt Ion:119 Resp: 43895
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.3 39.9
 91 23.1 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 4.942 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

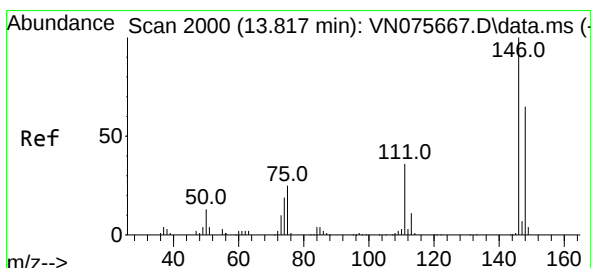
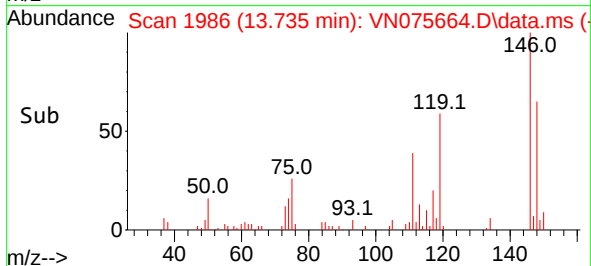
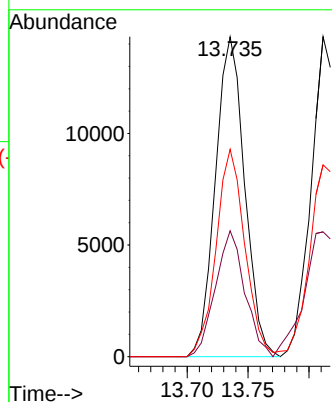
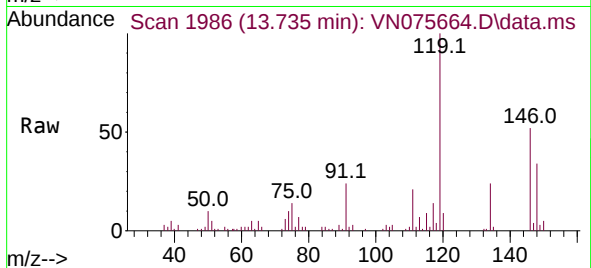
Tgt Ion:146 Resp: 23902

Ion Ratio Lower Upper

146 100

111 39.7 19.8 59.3

148 63.9 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 4.925 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

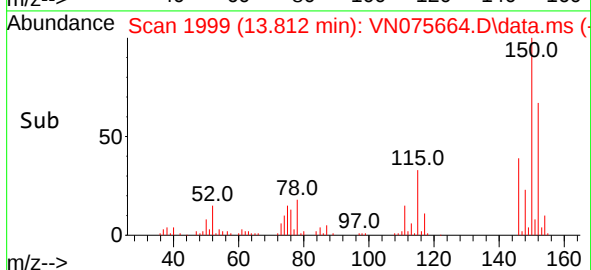
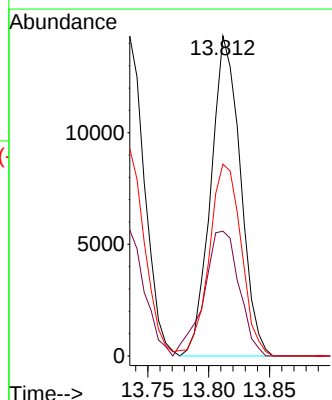
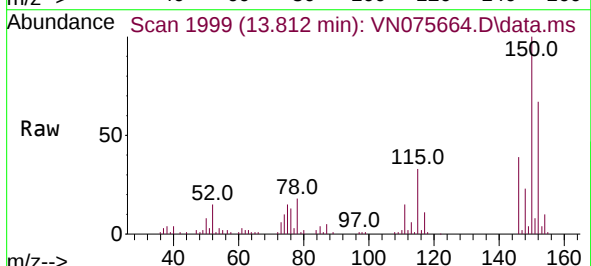
Tgt Ion:146 Resp: 24232

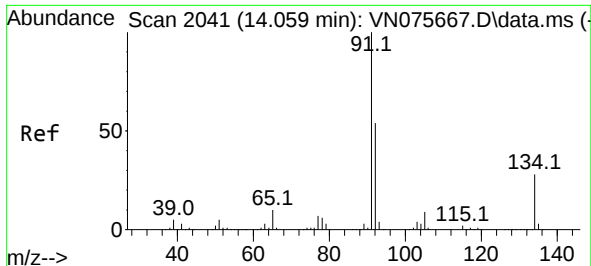
Ion Ratio Lower Upper

146 100

111 46.5 19.1 57.1

148 65.0 32.1 96.3

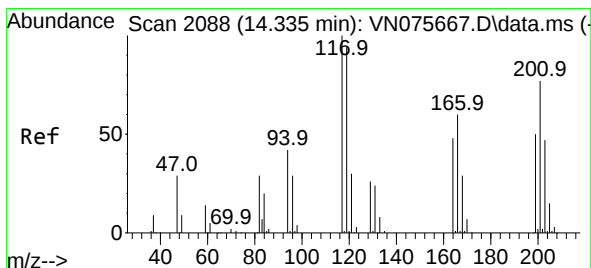
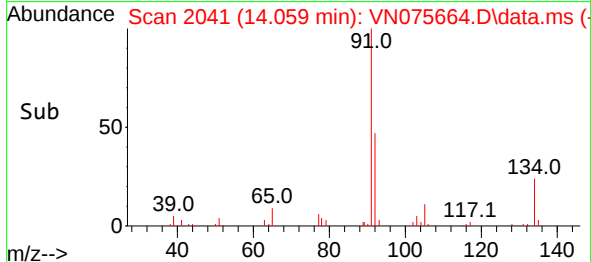
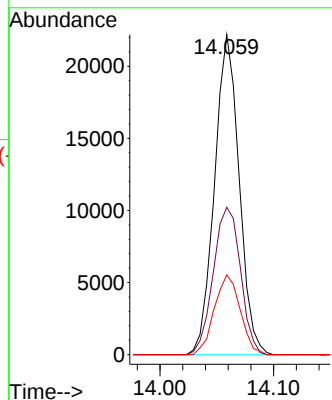
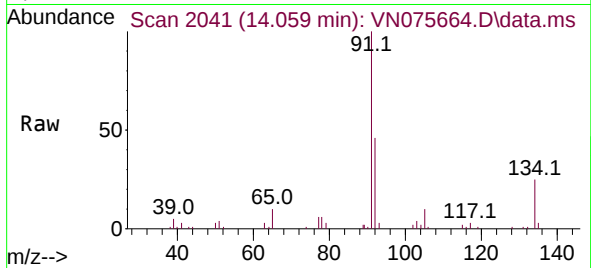




#89
n-Butylbenzene
Concen: 4.644 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

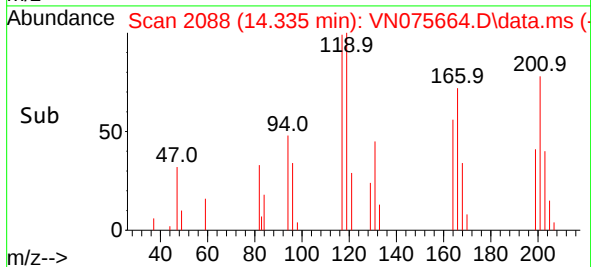
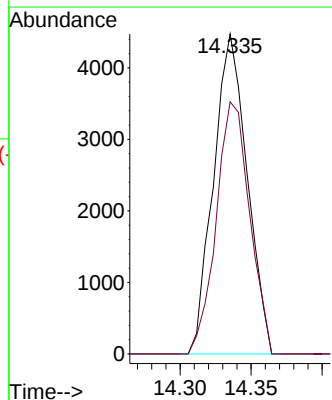
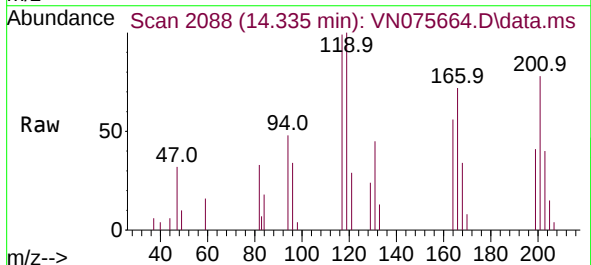
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

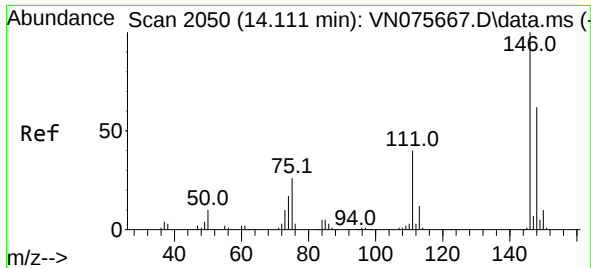
Tgt Ion: 91 Resp: 33388
Ion Ratio Lower Upper
91 100
92 50.9 26.7 80.1
134 26.2 13.9 41.7



#90
Hexachloroethane
Concen: 4.791 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 117 Resp: 7360
Ion Ratio Lower Upper
117 100
201 78.5 39.2 117.6

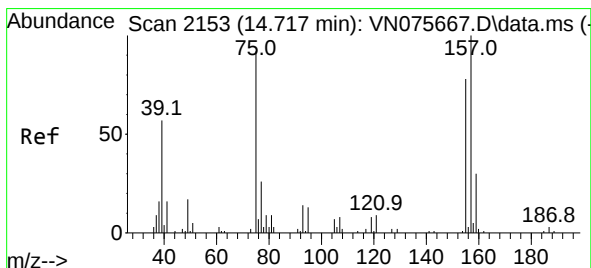
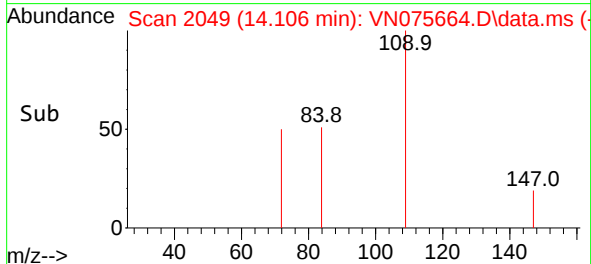
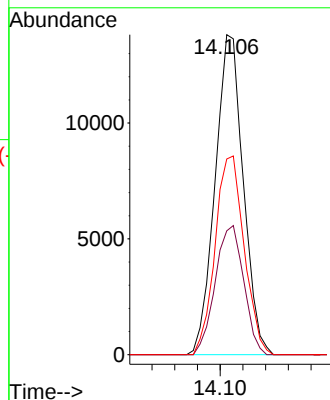
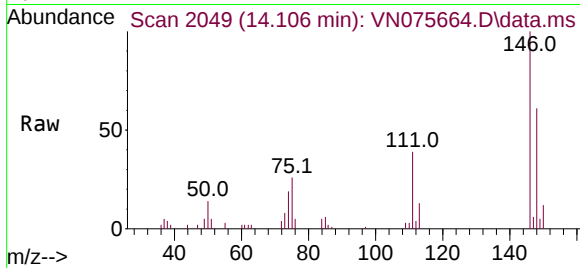




#91
1,2-Dichlorobenzene
Concen: 4.940 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

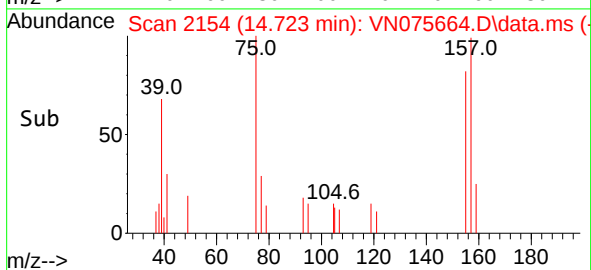
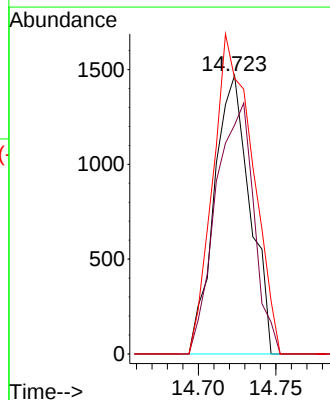
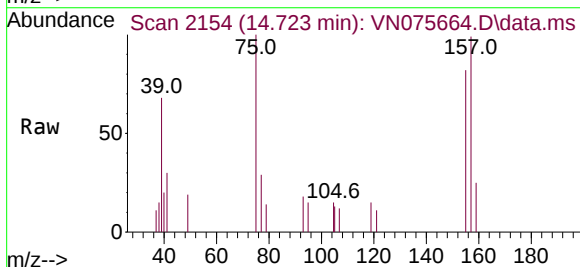
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

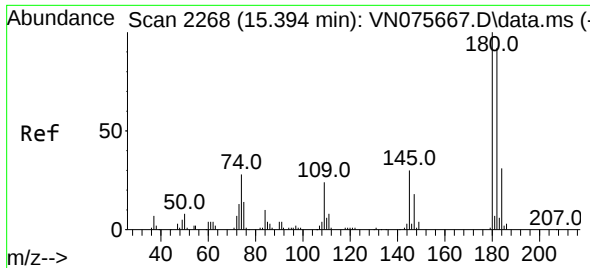
Tgt Ion:146 Resp: 23777
Ion Ratio Lower Upper
146 100
111 40.8 20.1 60.3
148 64.1 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.635 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 75 Resp: 2353
Ion Ratio Lower Upper
75 100
155 96.2 48.4 145.2
157 126.7 63.5 190.6

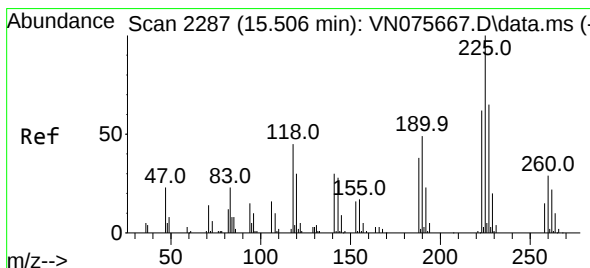
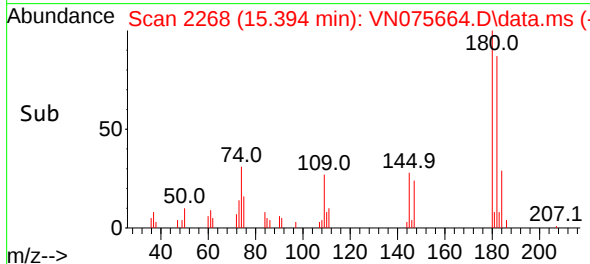
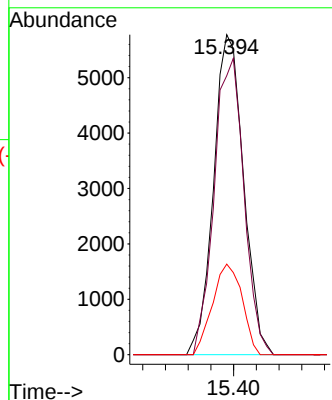
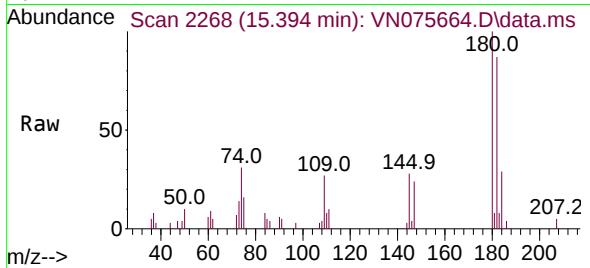




#93
 1,2,4-Trichlorobenzene
 Concen: 4.575 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN075664.D
 Acq: 09 Dec 2022 12:57

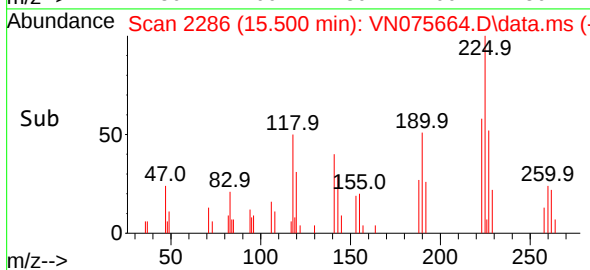
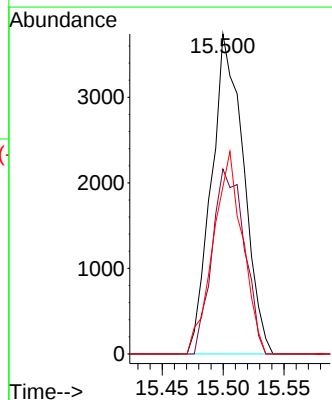
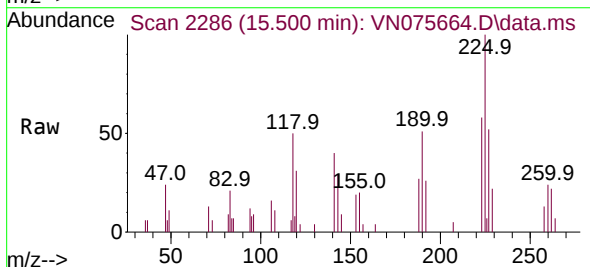
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

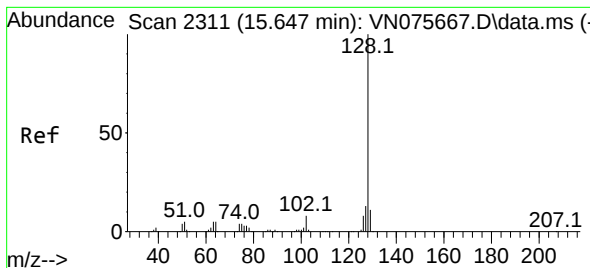
Tgt Ion:180 Resp: 10572
 Ion Ratio Lower Upper
 180 100
 182 92.0 47.1 141.3
 145 28.0 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 5.229 ug/l
 RT: 15.500 min Scan# 2286
 Delta R.T. -0.006 min
 Lab File: VN075664.D
 Acq: 09 Dec 2022 12:57

Tgt Ion:225 Resp: 6855
 Ion Ratio Lower Upper
 225 100
 223 58.0 31.4 94.2
 227 58.3 31.3 93.9





#95

Naphthalene

Concen: 4.231 ug/l

RT: 15.641 min Scan# 2311

Delta R.T. -0.006 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

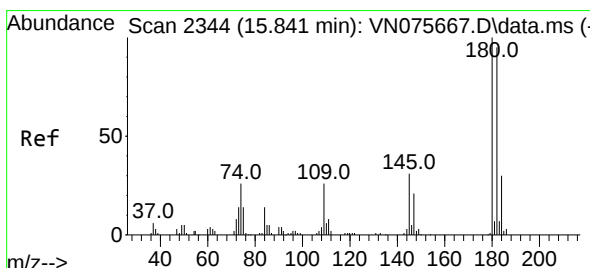
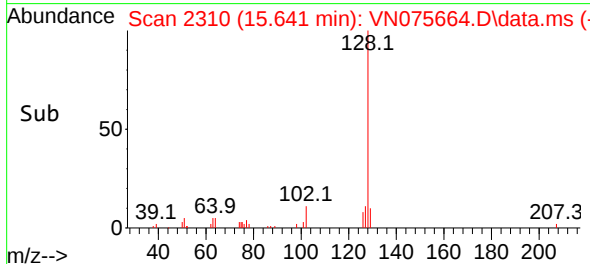
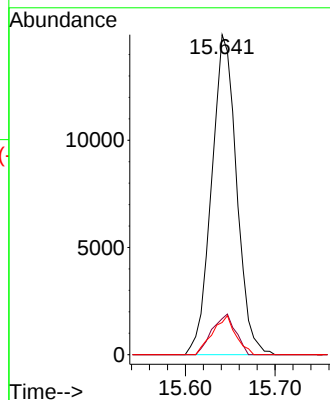
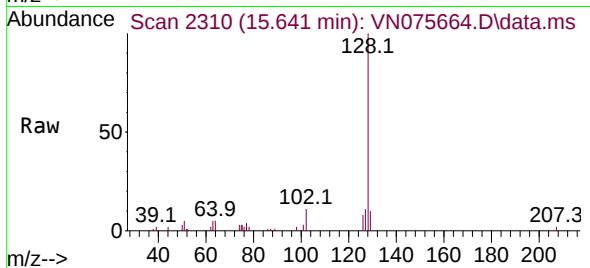
Tgt Ion:128 Resp: 28893

Ion Ratio Lower Upper

128 100

127 11.9 10.2 15.4

129 11.2 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 4.606 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Tgt Ion:180 Resp: 10458

Ion Ratio Lower Upper

180 100

182 92.6 46.8 140.4

145 30.3 15.6 46.8

