

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
 Data File : VD077789.D
 Acq On : 08 Dec 2023 13:22
 Operator : JC/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 08 13:35:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	162884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	276078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	250591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	125774	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	36843	19.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	38.400%#
35) Dibromofluoromethane	7.810	113	36478	18.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	37.720%#
50) Toluene-d8	10.275	98	148700	19.199	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	38.400%#
62) 4-Bromofluorobenzene	12.574	95	44049	19.022	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	38.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.940	85	42409	20.843	ug/l	96
3) Chloromethane	2.151	50	57910	20.880	ug/l	95
4) Vinyl Chloride	2.293	62	72973	19.382	ug/l	96
5) Bromomethane	2.698	94	39079	18.497	ug/l	98
6) Chloroethane	2.846	64	50003	19.480	ug/l	99
7) Trichlorofluoromethane	3.187	101	71014	20.479	ug/l	96
8) Diethyl Ether	3.598	74	19555	20.083	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.981	101	39054	19.687	ug/l	98
10) Methyl Iodide	4.169	142	20286	16.836	ug/l	91
11) Tert butyl alcohol	5.057	59	10498	107.138	ug/l #	84
12) 1,1-Dichloroethene	3.945	96	38473	19.650	ug/l #	77
13) Acrolein	3.798	56	17261	85.016	ug/l	99
14) Allyl chloride	4.569	41	53578	19.897	ug/l #	90
15) Acrylonitrile	5.257	53	41768	100.187	ug/l	97
16) Acetone	4.022	43	60191	129.954	ug/l #	78
17) Carbon Disulfide	4.281	76	128758	19.438	ug/l	95
18) Methyl Acetate	4.575	43	29287	19.375	ug/l #	87
19) Methyl tert-butyl Ether	5.328	73	80225	19.313	ug/l #	89
20) Methylene Chloride	4.804	84	51587	19.766	ug/l	90
21) trans-1,2-Dichloroethene	5.322	96	43721	19.715	ug/l #	80
22) Diisopropyl ether	6.222	45	110356	19.611	ug/l #	91
23) Vinyl Acetate	6.157	43	270553	98.454	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	74997	19.680	ug/l	96
25) 2-Butanone	7.081	43	62814	110.687	ug/l #	75
26) 2,2-Dichloropropane	7.081	77	63280	19.778	ug/l	95
27) cis-1,2-Dichloroethene	7.086	96	46012	19.282	ug/l	88
28) Bromochloromethane	7.439	49	30526	19.824	ug/l #	72
29) Tetrahydrofuran	7.445	42	29960	98.024	ug/l	88
30) Chloroform	7.604	83	71718	18.804	ug/l	97
31) Cyclohexane	7.875	56	67751	19.846	ug/l	88
32) 1,1,1-Trichloroethane	7.798	97	65643	19.524	ug/l	98
36) 1,1-Dichloropropene	8.016	75	60681	19.617	ug/l	95
37) Ethyl Acetate	7.175	43	22890	18.978	ug/l #	95
38) Carbon Tetrachloride	7.998	117	58406	18.940	ug/l	97
39) Methylcyclohexane	9.275	83	70829	19.315	ug/l #	86
40) Benzene	8.251	78	166790	18.998	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	12737	20.777	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	44861	19.713	ug/l	93
43) Isopropyl Acetate	8.363	43	40771	19.016	ug/l #	91
44) Trichloroethene	9.028	130	44352	19.386	ug/l	98
45) 1,2-Dichloropropane	9.304	63	41550	19.468	ug/l	96
46) Dibromomethane	9.404	93	21228	18.798	ug/l	93
47) Bromodichloromethane	9.586	83	54352	18.989	ug/l	99
48) Methyl methacrylate	9.380	41	22665	18.596	ug/l #	75
49) 1,4-Dioxane	9.386	88	3766	335.857	ug/l #	58
51) 4-Methyl-2-Pentanone	10.163	43	108472	99.130	ug/l	87
52) Toluene	10.333	92	104463	19.182	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	53132	19.330	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	64135	19.299	ug/l #	89
55) 1,1,2-Trichloroethane	10.733	97	29094	18.835	ug/l	94
56) Ethyl methacrylate	10.598	69	26399	19.388	ug/l #	85
57) 1,3-Dichloropropane	10.880	76	51097	19.191	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	77529	99.842	ug/l	93
59) 2-Hexanone	10.922	43	95743	105.463	ug/l	87
60) Dibromochloromethane	11.075	129	35177	18.915	ug/l	97
61) 1,2-Dibromoethane	11.180	107	27758	19.091	ug/l	100
64) Tetrachloroethene	10.816	164	35548	19.300	ug/l	96
65) Chlorobenzene	11.610	112	114452	18.193	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.686	131	38561	18.505	ug/l	96
67) Ethyl Benzene	11.686	91	200231	19.192	ug/l	97
68) m/p-Xylenes	11.798	106	152091	38.112	ug/l	91
69) o-Xylene	12.122	106	68859	18.723	ug/l	91
70) Styrene	12.139	104	105320	19.258	ug/l	95
71) Bromoform	12.304	173	21205	19.475	ug/l #	95
73) Isopropylbenzene	12.422	105	183344	19.233	ug/l	97
74) N-amyl acetate	12.233	43	36949	19.718	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.674	83	33070	19.896	ug/l	100
76) 1,2,3-Trichloropropane	12.721	75	40355	36.943	ug/l #	100
77) Bromobenzene	12.704	156	41951	18.710	ug/l	87
78) n-propylbenzene	12.763	91	228042	19.632	ug/l	96
79) 2-Chlorotoluene	12.851	91	120981	19.435	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	152010	19.120	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.474	75	10666	19.783	ug/l	98
82) 4-Chlorotoluene	12.951	91	128638	19.767	ug/l	96
83) tert-Butylbenzene	13.169	119	128632	19.164	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	155288	19.528	ug/l	97
85) sec-Butylbenzene	13.345	105	191647	19.316	ug/l	98
86) p-Isopropyltoluene	13.463	119	171343	19.289	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	87761	19.140	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	91384	18.971	ug/l	98
89) n-Butylbenzene	13.792	91	162411	19.431	ug/l	98
90) Hexachloroethane	14.057	117	31292	19.155	ug/l	96
91) 1,2-Dichlorobenzene	13.833	146	74839	19.191	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.457	75	4675	18.805	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	50085	18.803	ug/l	97
94) Hexachlorobutadiene	15.204	225	28285	19.692	ug/l	100
95) Naphthalene	15.333	128	86776	19.607	ug/l	99
96) 1,2,3-Trichlorobenzene	15.527	180	43626	19.866	ug/l	100

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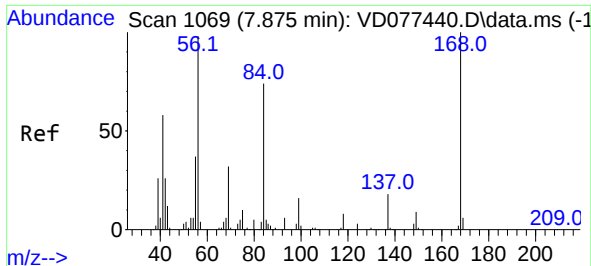
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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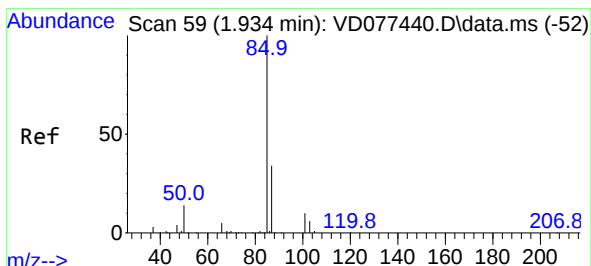
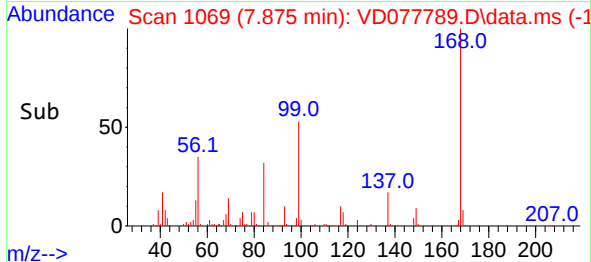
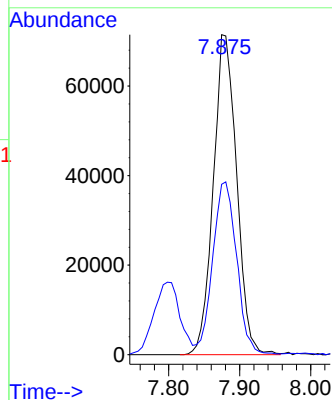
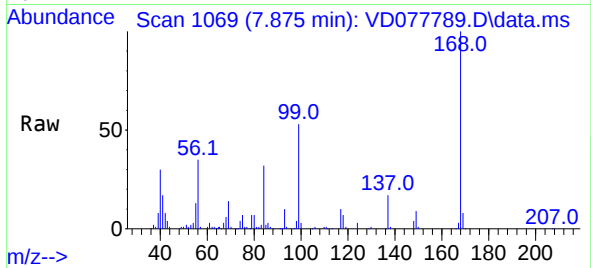




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD077789.D
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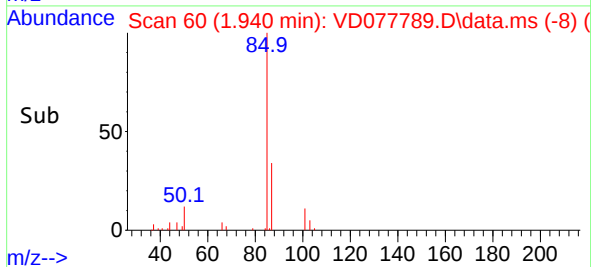
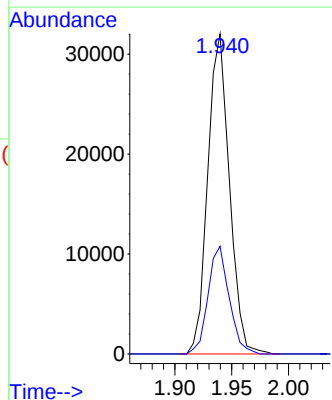
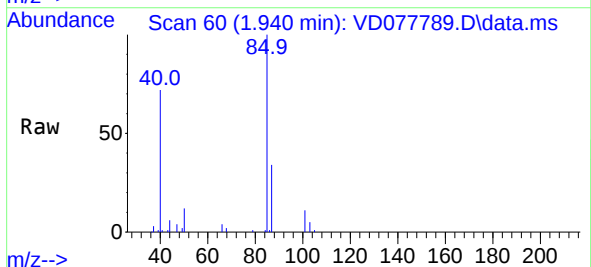
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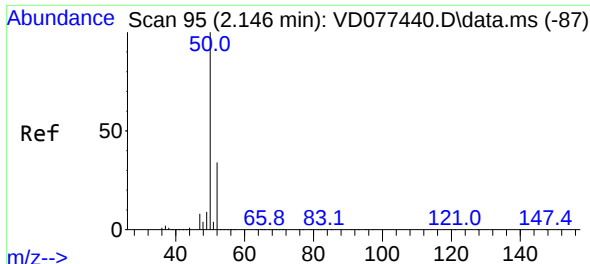
Tgt Ion:168 Resp: 162884
Ion Ratio Lower Upper
168 100
99 53.0 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 20.843 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 85 Resp: 42409
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.0

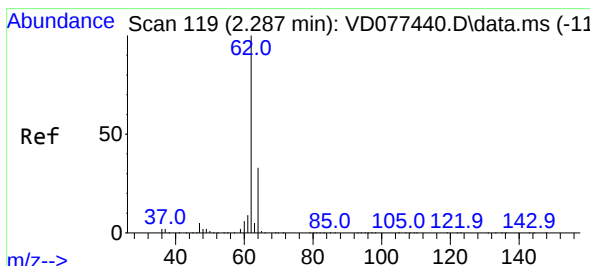
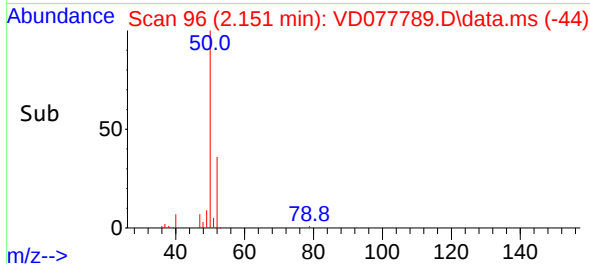
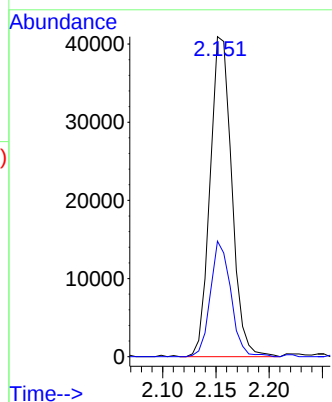
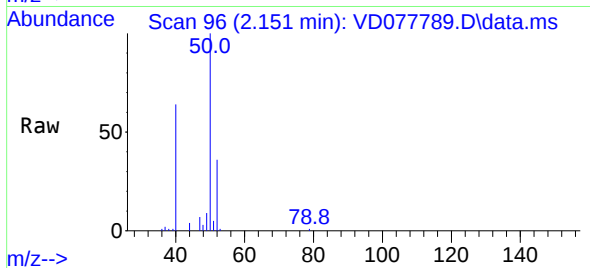




#3
Chloromethane
Concen: 20.880 ug/l
RT: 2.151 min Scan# 90
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

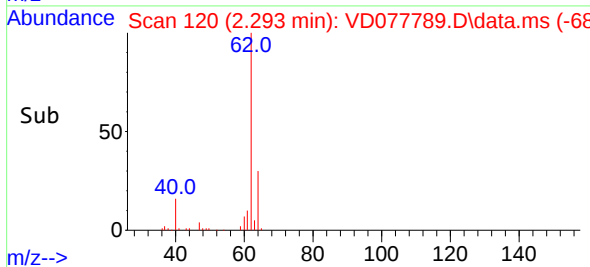
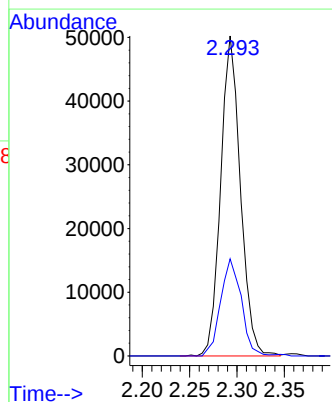
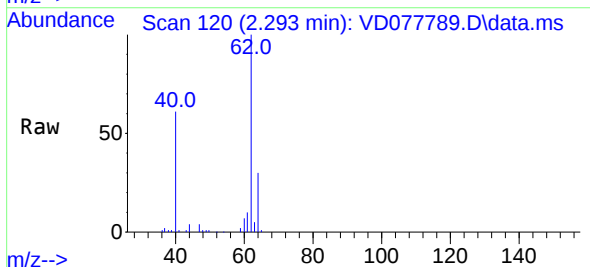
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ClientSampleId :
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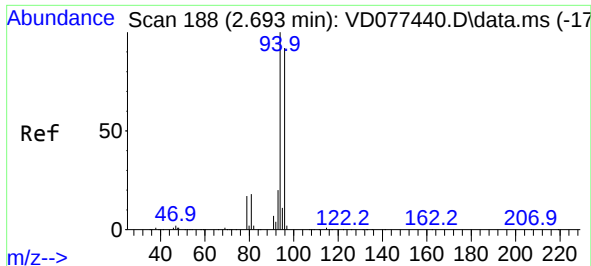
Tgt Ion: 50 Resp: 57910
Ion Ratio Lower Upper
50 100
52 36.1 26.6 40.0



#4
Vinyl Chloride
Concen: 19.382 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 62 Resp: 72973
Ion Ratio Lower Upper
62 100
64 30.4 26.0 39.0

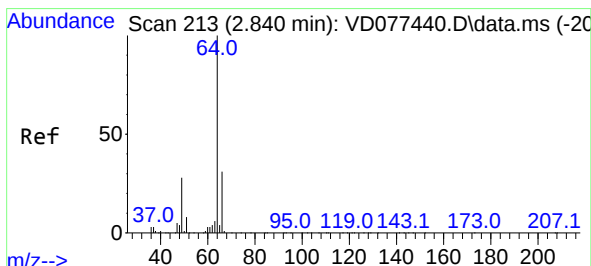
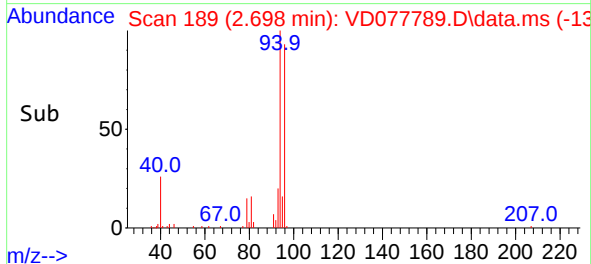
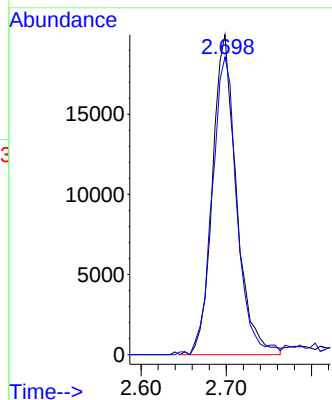
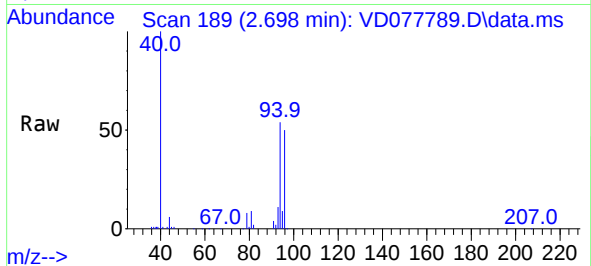




#5
Bromomethane
Concen: 18.497 ug/l
RT: 2.698 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

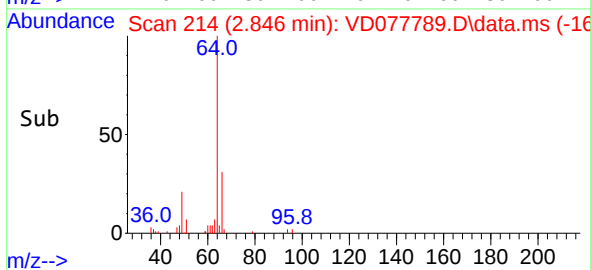
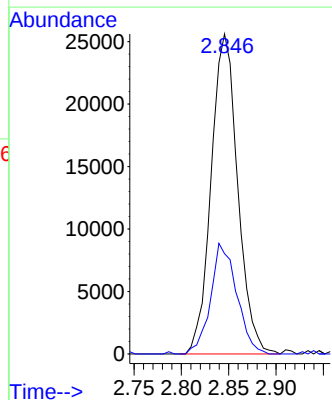
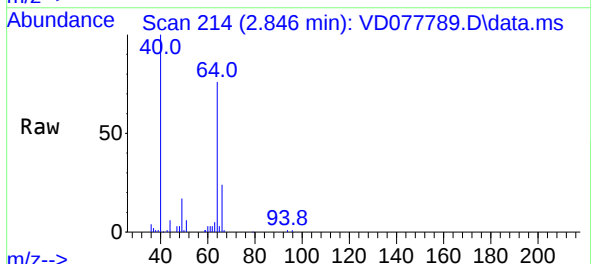
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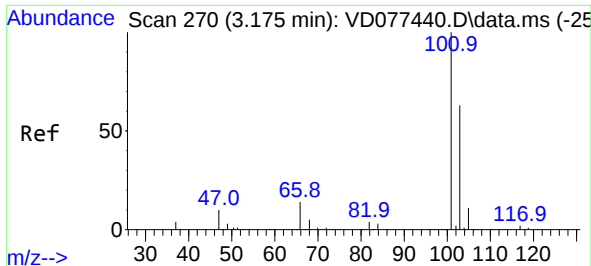
Tgt Ion: 94 Resp: 39079
Ion Ratio Lower Upper
94 100
96 96.4 75.8 113.8



#6
Chloroethane
Concen: 19.480 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 64 Resp: 50003
Ion Ratio Lower Upper
64 100
66 31.4 25.5 38.3

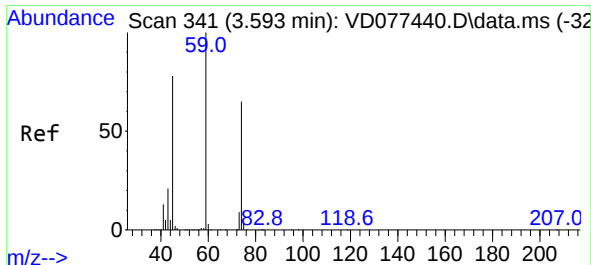
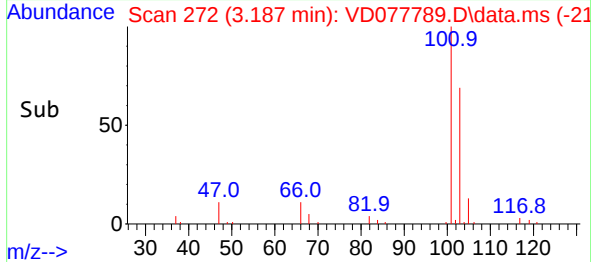
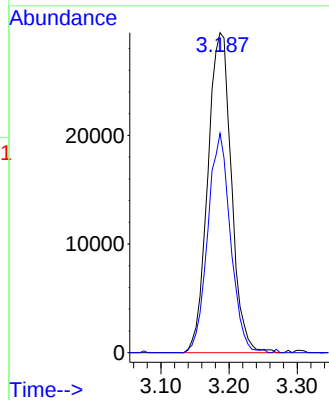
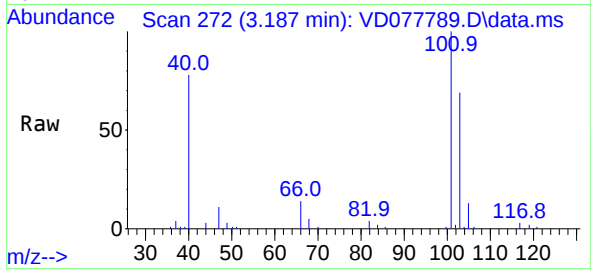




#7
Trichlorofluoromethane
Concen: 20.479 ug/l
RT: 3.187 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

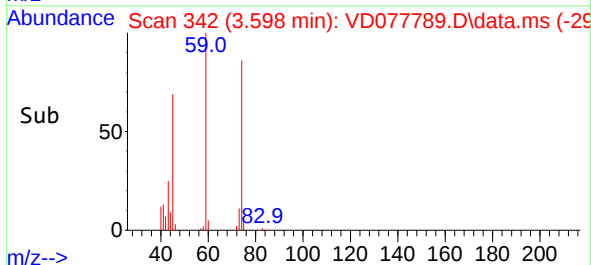
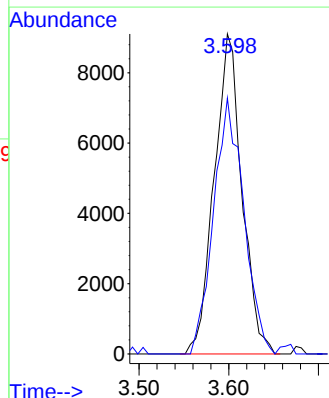
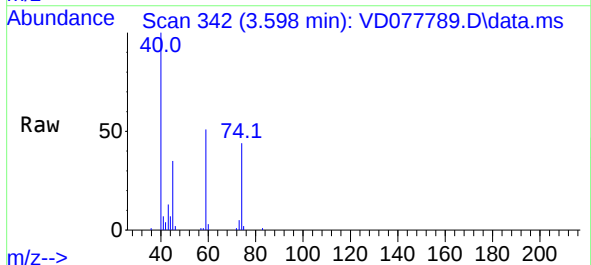
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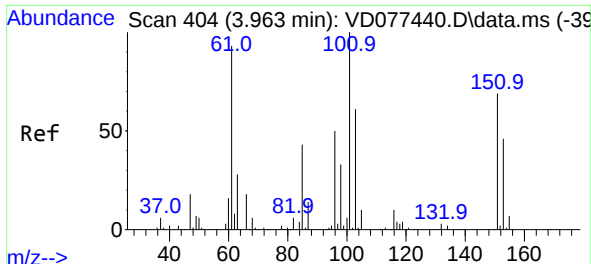
Tgt Ion:101 Resp: 71014
Ion Ratio Lower Upper
101 100
103 68.5 52.3 78.5



#8
Diethyl Ether
Concen: 20.083 ug/l
RT: 3.598 min Scan# 342
Delta R.T. 0.005 min
Lab File: VD077789.D
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Tgt Ion: 74 Resp: 19555
Ion Ratio Lower Upper
74 100
45 87.0 37.5 112.7

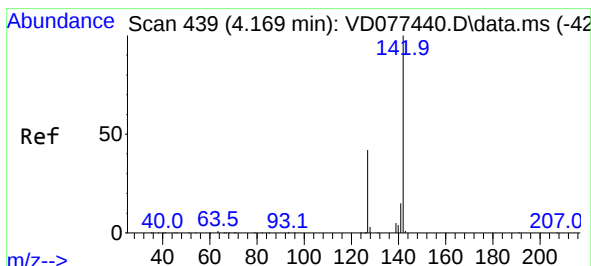
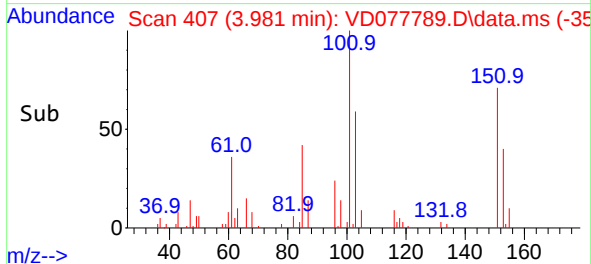
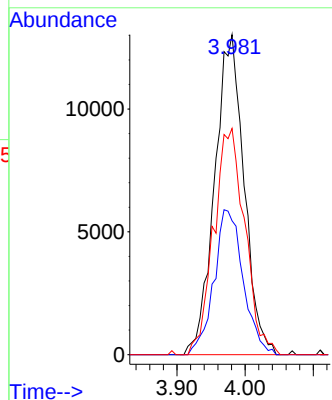
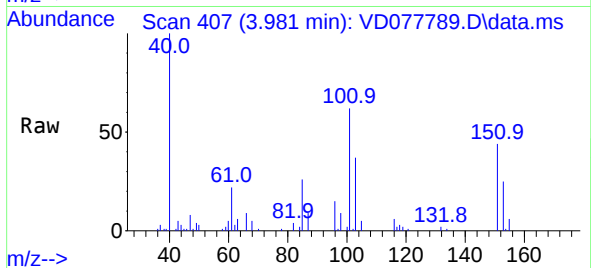




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.687 ug/l
RT: 3.981 min Scan# 407
Delta R.T. 0.018 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

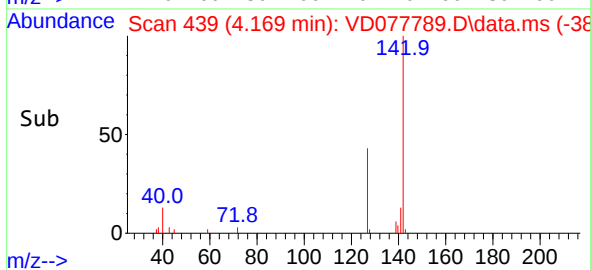
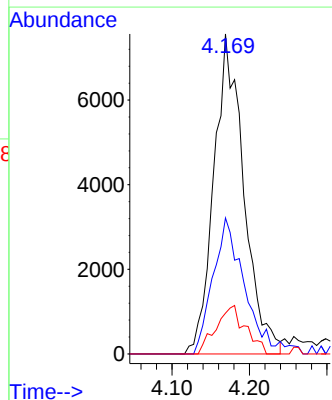
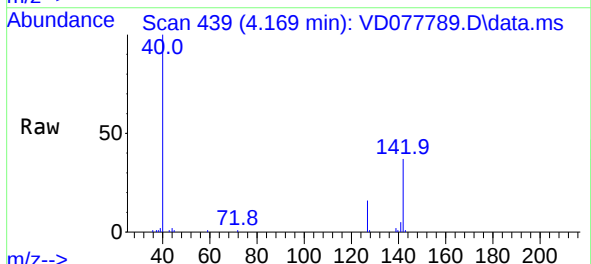
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

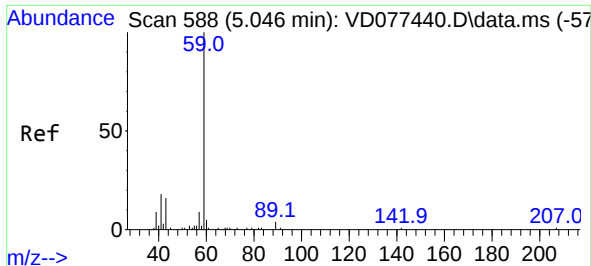
Tgt Ion:101 Resp: 39054
Ion Ratio Lower Upper
101 100
85 45.0 33.8 50.6
151 75.0 59.8 89.6



#10
Methyl Iodide
Concen: 16.836 ug/l
RT: 4.169 min Scan# 439
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion:142 Resp: 20286
Ion Ratio Lower Upper
142 100
127 43.7 29.4 44.0
141 14.9 11.1 16.7

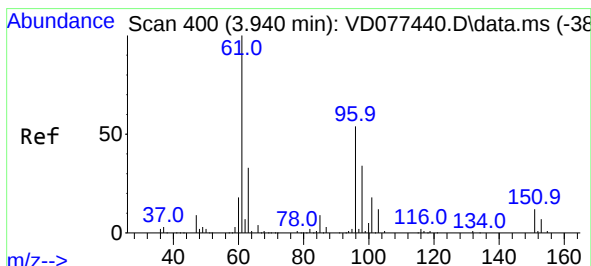
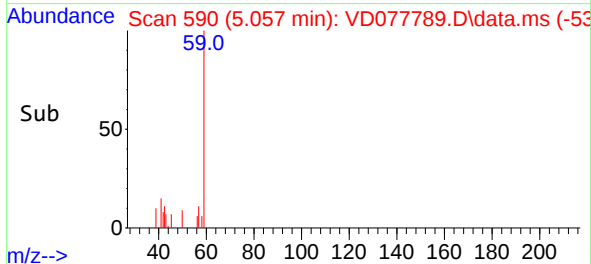
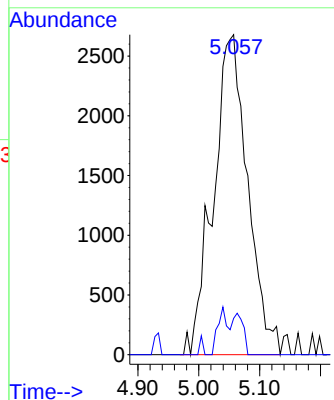
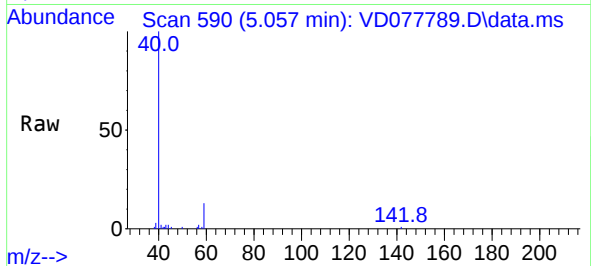




#11
Tert butyl alcohol
Concen: 107.138 ug/l
RT: 5.057 min Scan# 51
Delta R.T. 0.011 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

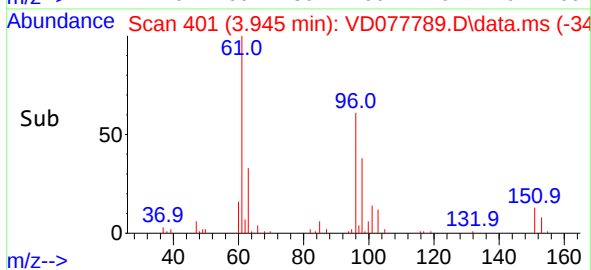
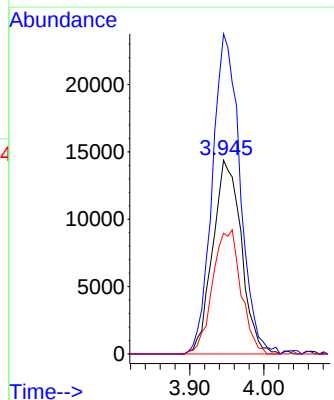
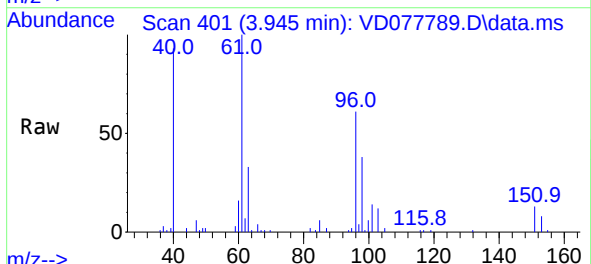
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

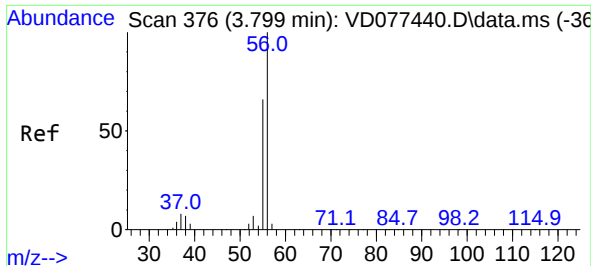
Tgt Ion: 59 Resp: 10498
Ion Ratio Lower Upper
59 100
57 4.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 19.650 ug/l
RT: 3.945 min Scan# 401
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 96 Resp: 38473
Ion Ratio Lower Upper
96 100
61 165.1 100.6 150.8#
98 62.3 50.2 75.2

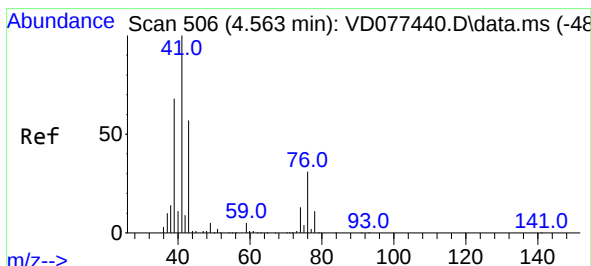
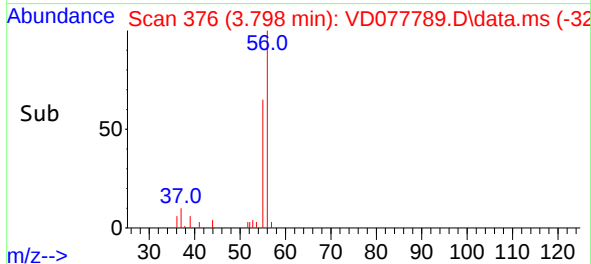
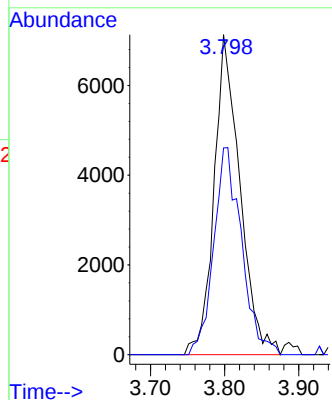
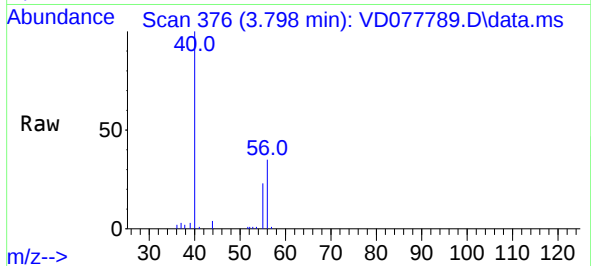




#13
Acrolein
Concen: 85.016 ug/l
RT: 3.798 min Scan# 31
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

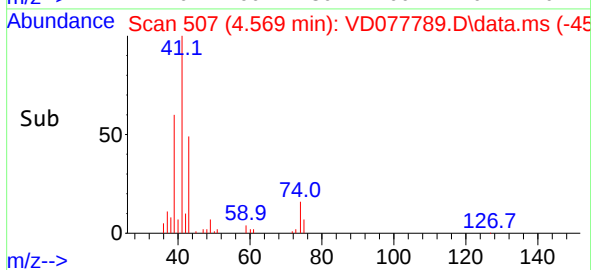
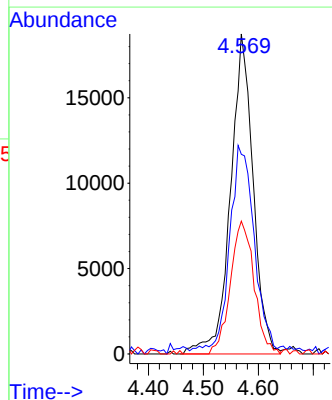
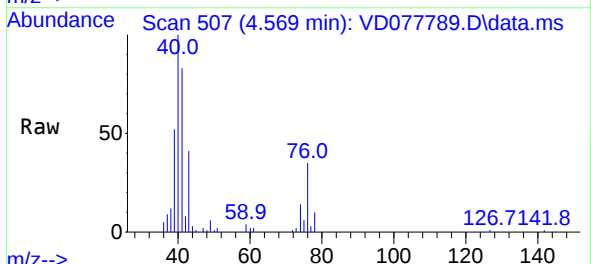
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

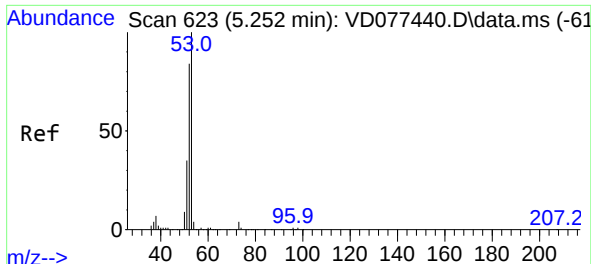
Tgt Ion: 56 Resp: 17261
Ion Ratio Lower Upper
56 100
55 69.7 55.1 82.7



#14
Allyl chloride
Concen: 19.897 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 41 Resp: 53578
Ion Ratio Lower Upper
41 100
39 68.6 53.8 80.6
76 43.3 45.8 68.8





#15

Acrylonitrile

Concen: 100.187 ug/l

RT: 5.257 min Scan# 61

Delta R.T. 0.005 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

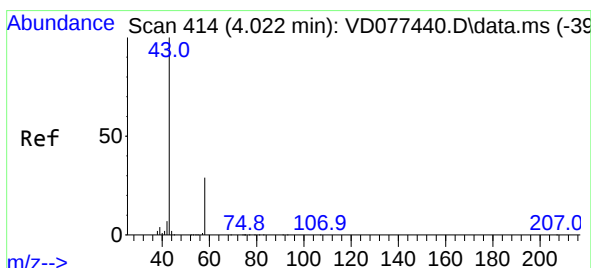
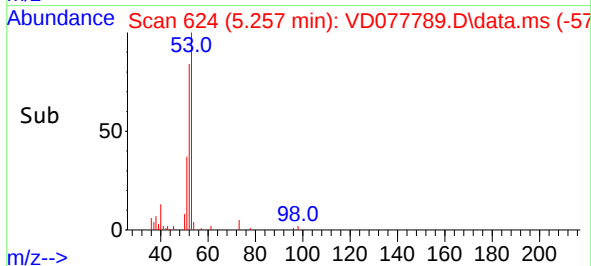
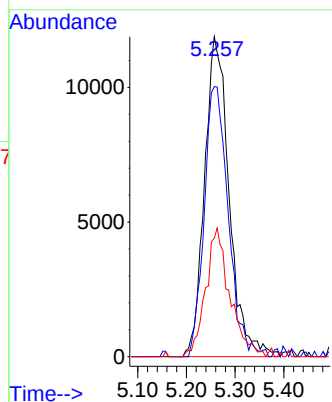
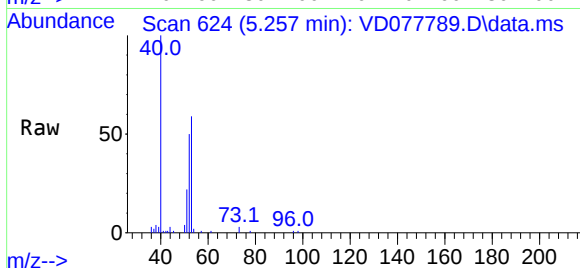
Tgt Ion: 53 Resp: 41768

Ion Ratio Lower Upper

53 100

52 82.6 65.0 97.4

51 39.4 28.3 42.5



#16

Acetone

Concen: 129.954 ug/l

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD077789.D

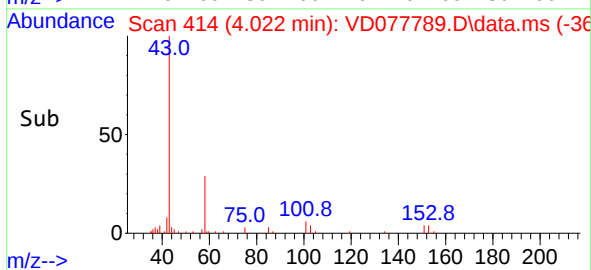
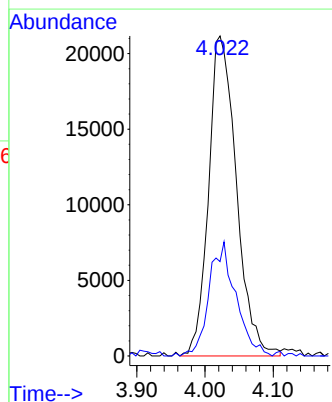
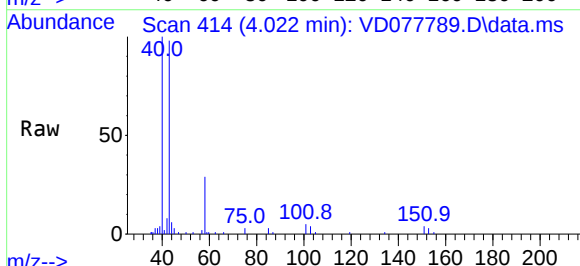
Acq: 08 Dec 2023 13:22

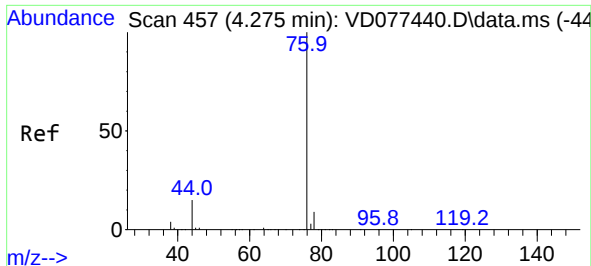
Tgt Ion: 43 Resp: 60191

Ion Ratio Lower Upper

43 100

58 29.5 34.7 52.1#

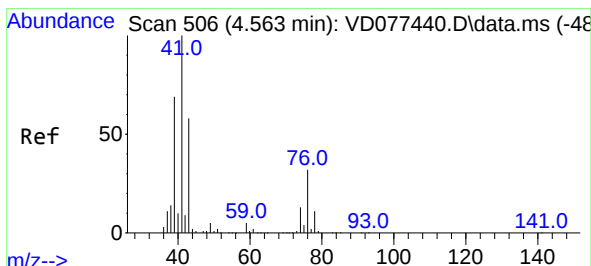
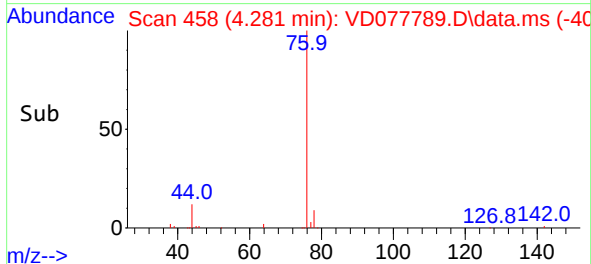
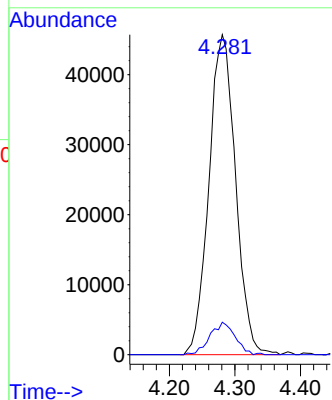
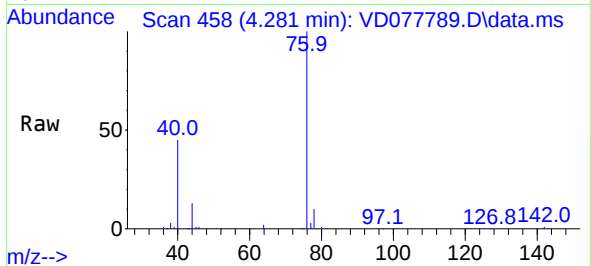




#17
Carbon Disulfide
Concen: 19.438 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

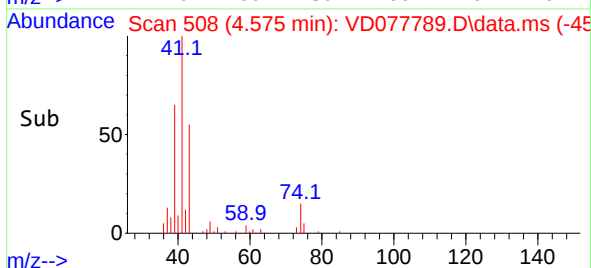
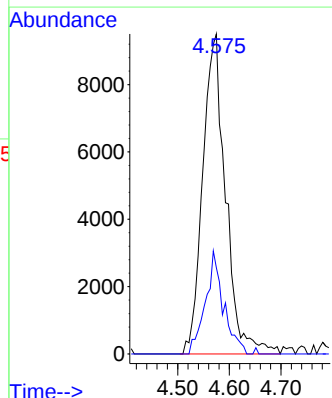
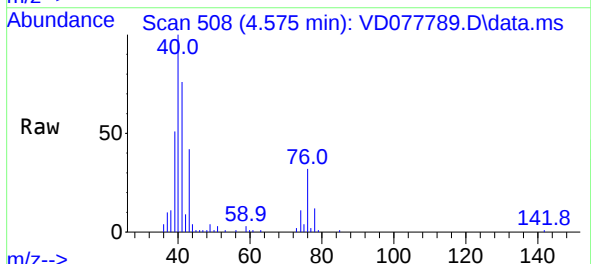
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

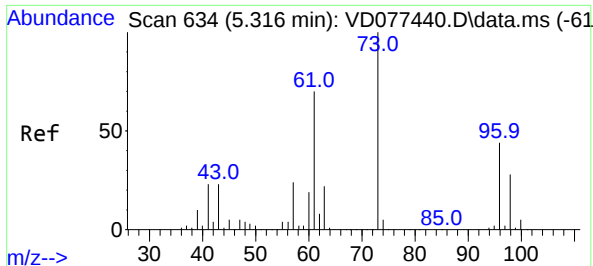
Tgt Ion: 76 Resp: 128758
Ion Ratio Lower Upper
76 100
78 10.1 6.8 10.2



#18
Methyl Acetate
Concen: 19.375 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 43 Resp: 29287
Ion Ratio Lower Upper
43 100
74 25.4 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 19.313 ug/l

RT: 5.328 min Scan# 61

Delta R.T. 0.012 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

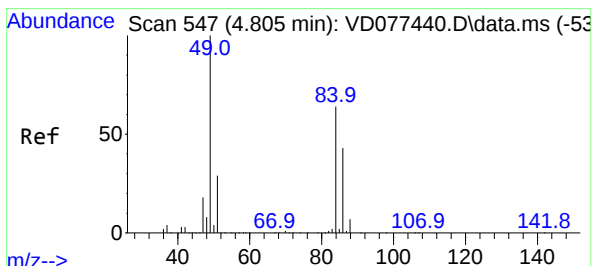
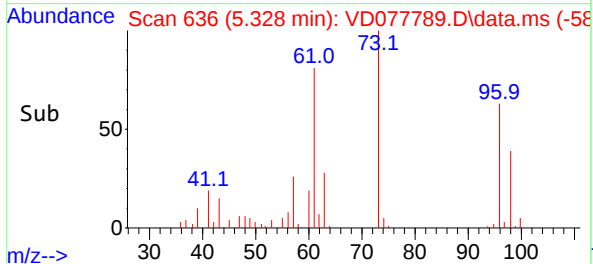
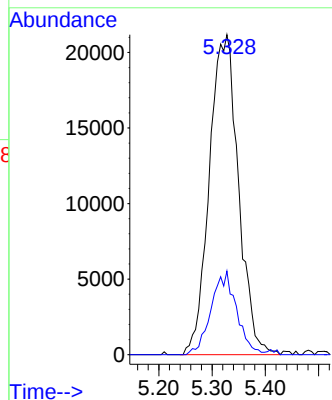
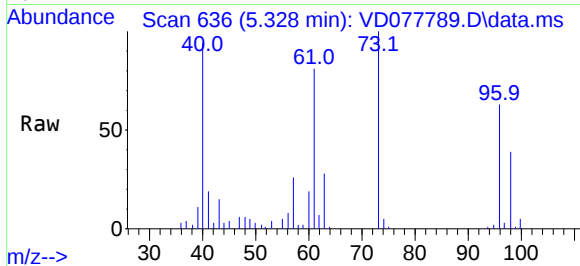
VSTDIC020

Tgt Ion: 73 Resp: 80225

Ion Ratio Lower Upper

73 100

57 26.1 16.6 25.0#



#20

Methylene Chloride

Concen: 19.766 ug/l

RT: 4.804 min Scan# 547

Delta R.T. -0.001 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Tgt Ion: 84 Resp: 51587

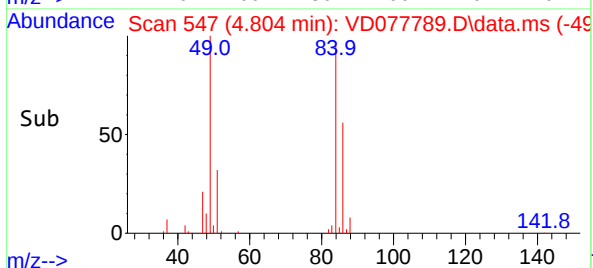
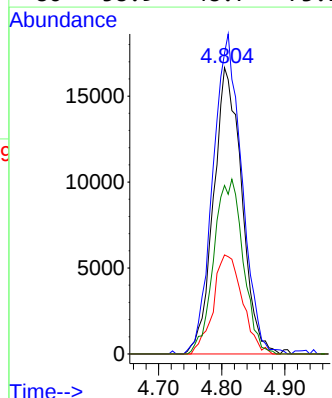
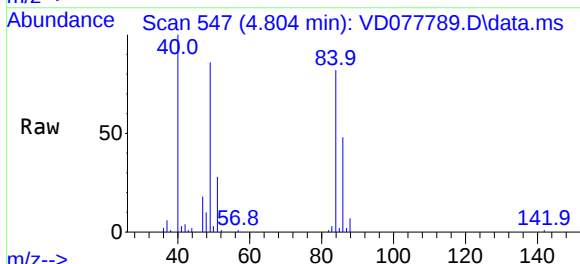
Ion Ratio Lower Upper

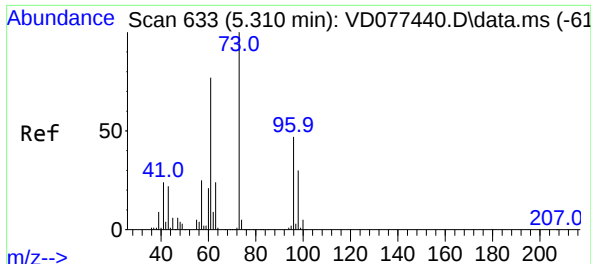
84 100

49 105.0 71.4 107.2

51 34.6 24.5 36.7

86 58.9 48.7 73.1

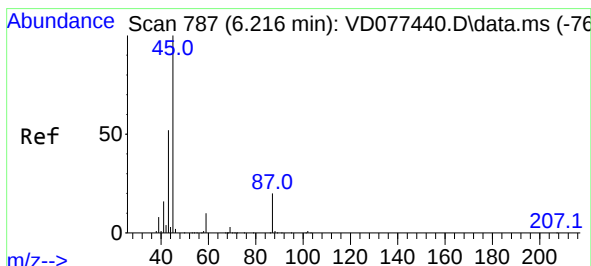
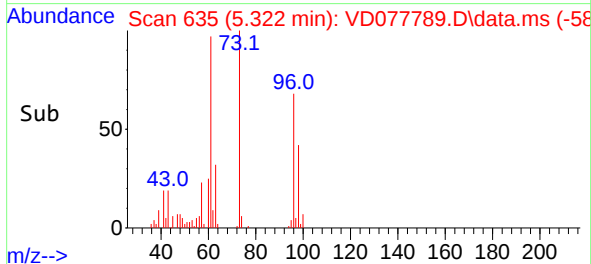
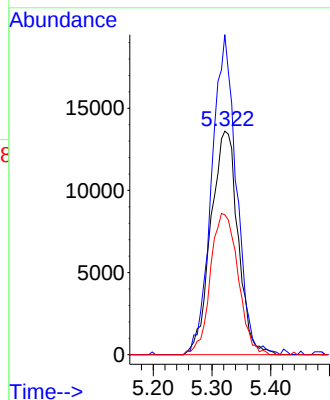
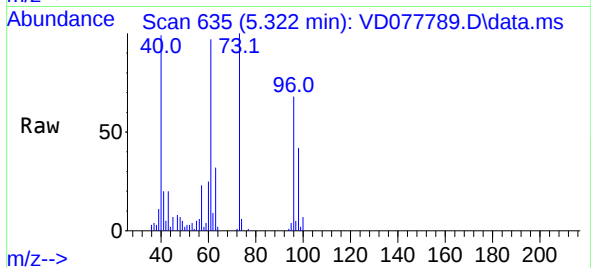




#21
trans-1,2-Dichloroethene
Concen: 19.715 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

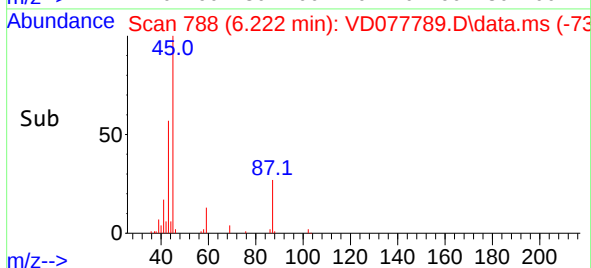
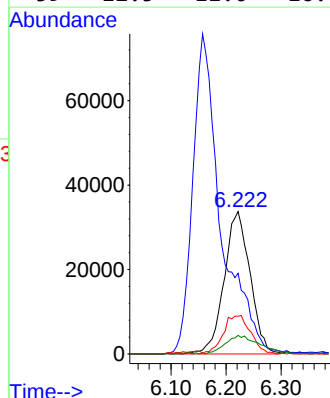
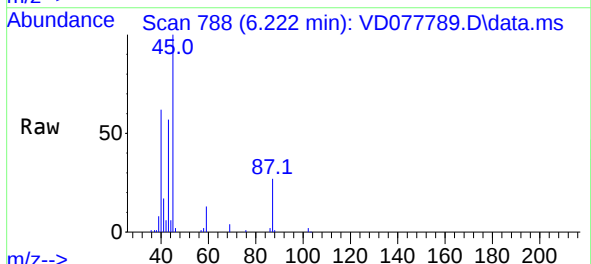
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

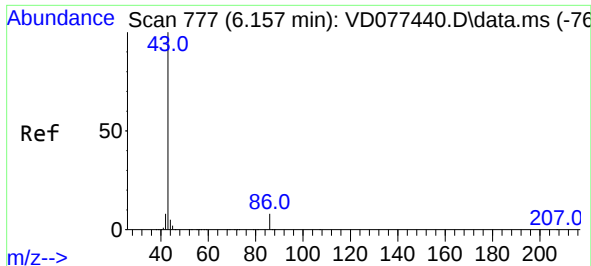
Tgt Ion: 96 Resp: 43721
Ion Ratio Lower Upper
96 100
61 143.2 89.3 133.9#
98 62.6 48.6 73.0



#22
Diisopropyl ether
Concen: 19.611 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 45 Resp: 110356
Ion Ratio Lower Upper
45 100
43 54.7 40.0 60.0
87 26.1 28.2 42.4#
59 12.5 11.0 16.4

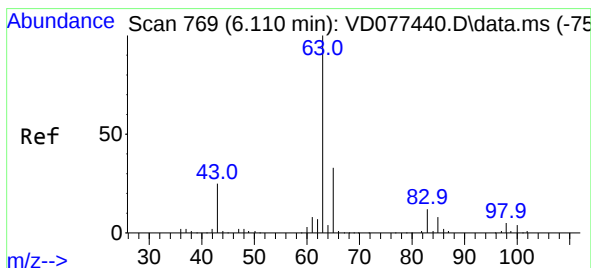
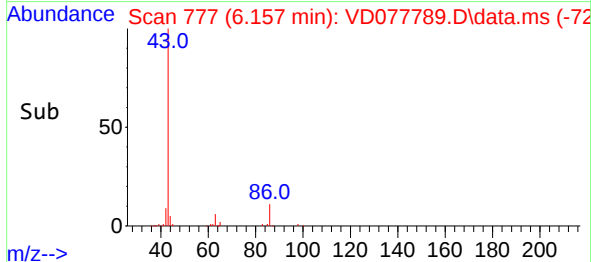
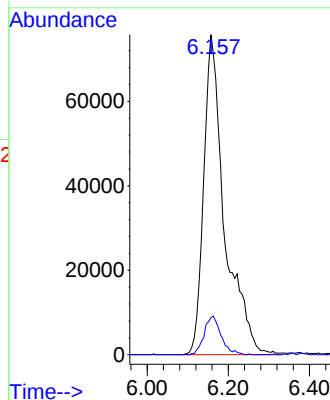
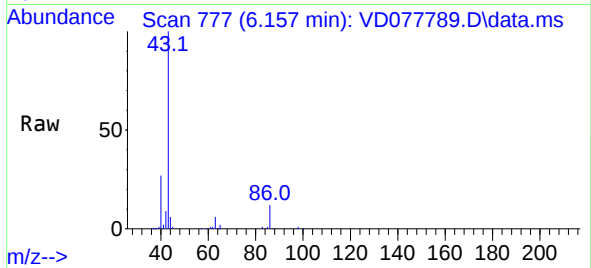




#23
 Vinyl Acetate
 Concen: 98.454 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077789.D
 Acq: 08 Dec 2023 13:22

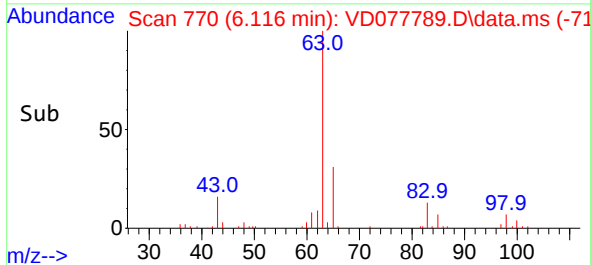
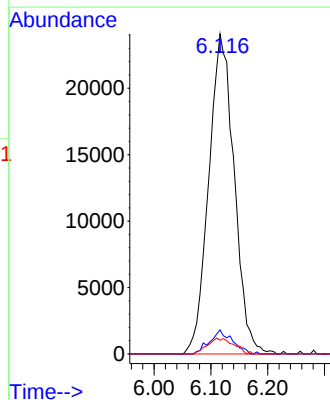
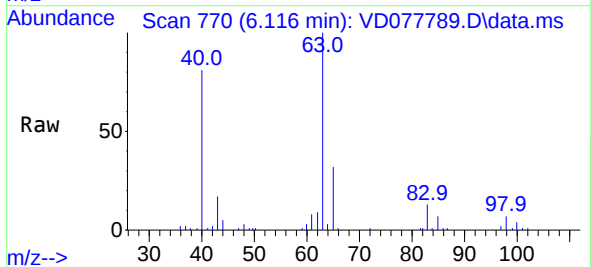
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

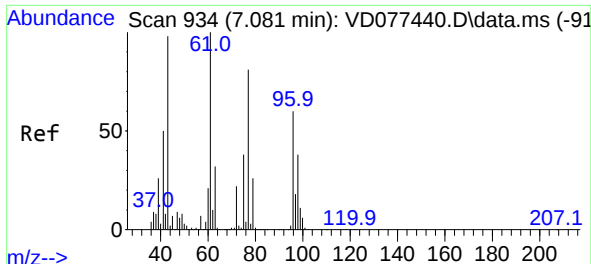
Tgt Ion: 43 Resp: 270553
 Ion Ratio Lower Upper
 43 100
 86 11.6 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 19.680 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077789.D
 Acq: 08 Dec 2023 13:22

Tgt Ion: 63 Resp: 74997
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.5 13.7
 100 4.3 2.5 7.5

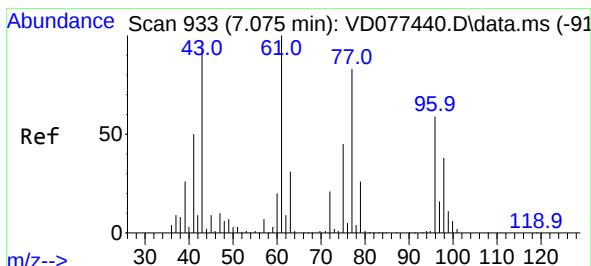
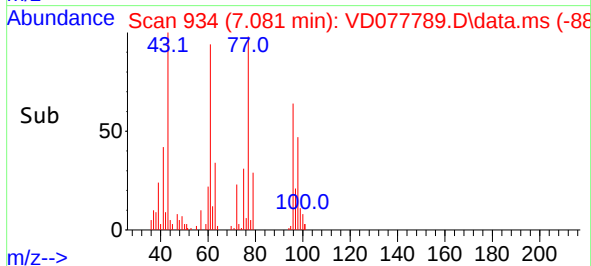
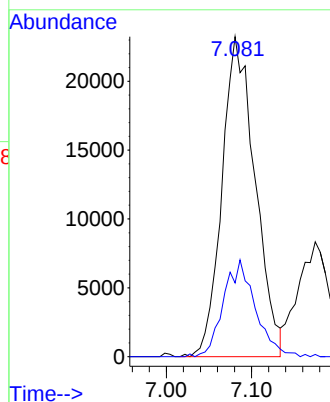
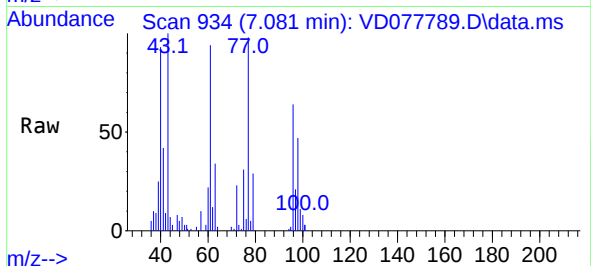




#25
2-Butanone
Concen: 110.687 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

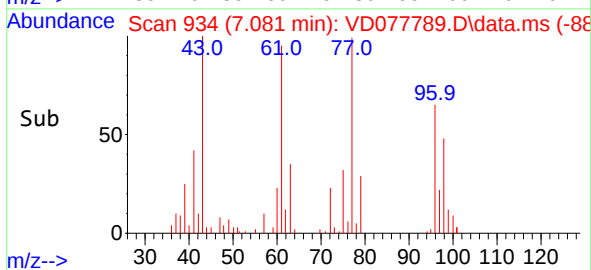
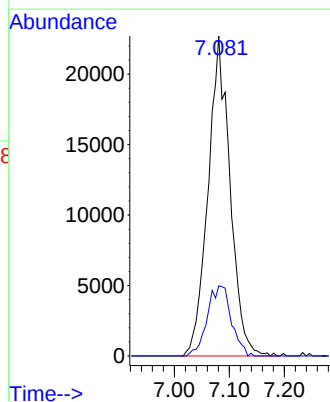
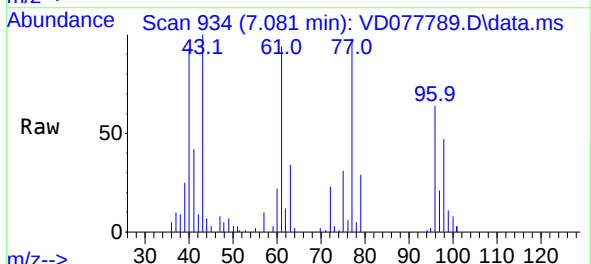
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

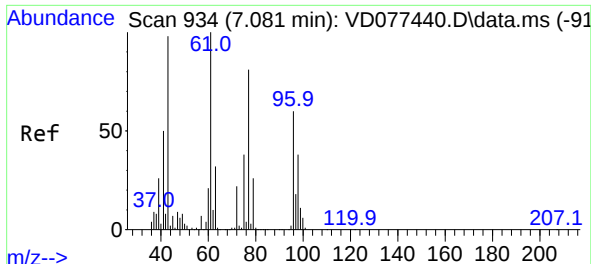
Tgt Ion: 43 Resp: 62814
Ion Ratio Lower Upper
43 100
72 23.1 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 19.778 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 77 Resp: 63280
Ion Ratio Lower Upper
77 100
97 23.9 13.2 39.6

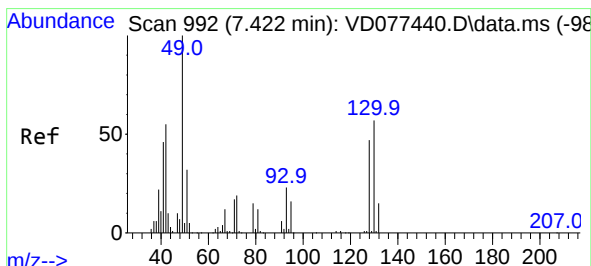
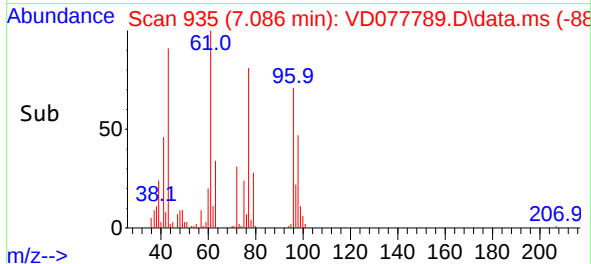
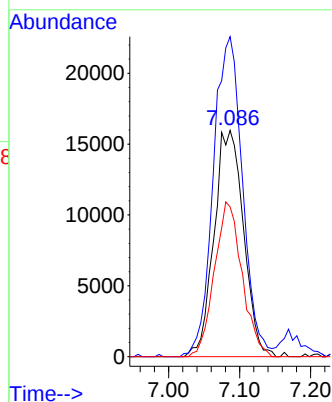
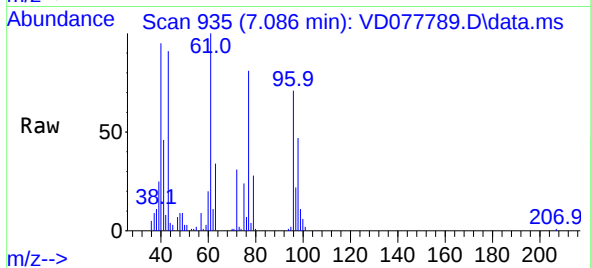




#27
cis-1,2-Dichloroethene
Concen: 19.282 ug/l
RT: 7.086 min Scan# 911
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

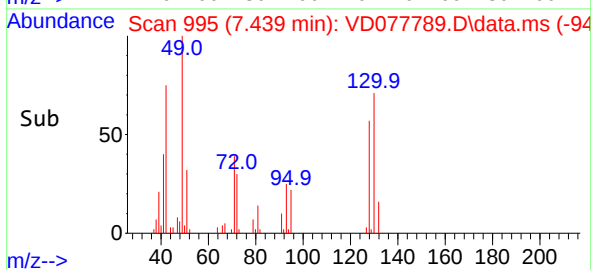
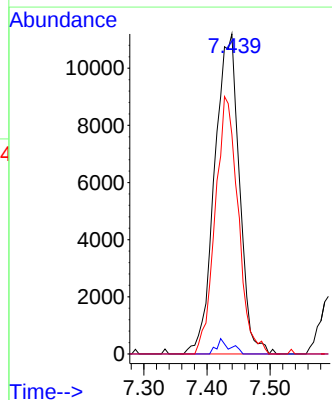
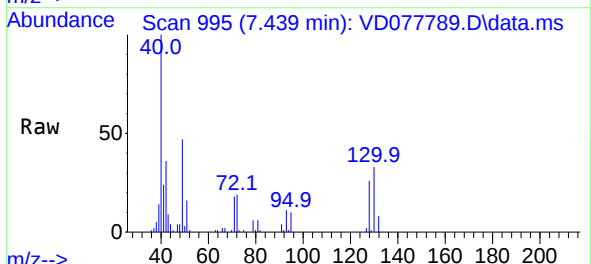
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

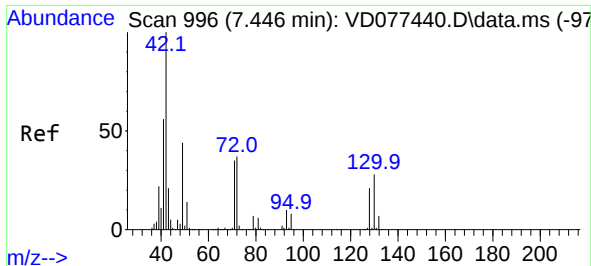
Tgt Ion: 96 Resp: 46012
Ion Ratio Lower Upper
96 100
61 140.1 0.0 239.2
98 63.9 0.0 128.6



#28
Bromochloromethane
Concen: 19.824 ug/l
RT: 7.439 min Scan# 995
Delta R.T. 0.017 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 49 Resp: 30526
Ion Ratio Lower Upper
49 100
129 2.5 0.0 6.0
130 74.2 83.2 124.8#





#29

Tetrahydrofuran

Concen: 98.024 ug/l

RT: 7.445 min Scan# 996

Delta R.T. -0.001 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

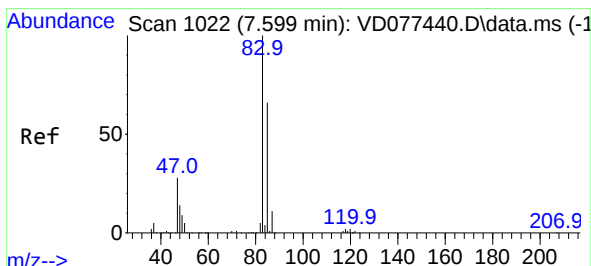
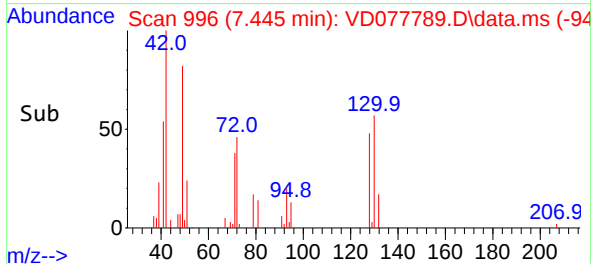
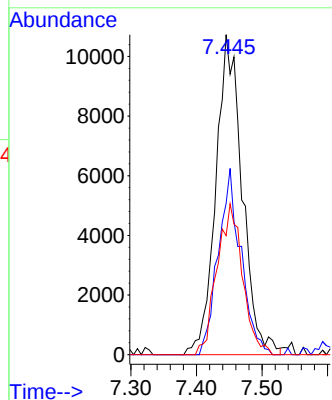
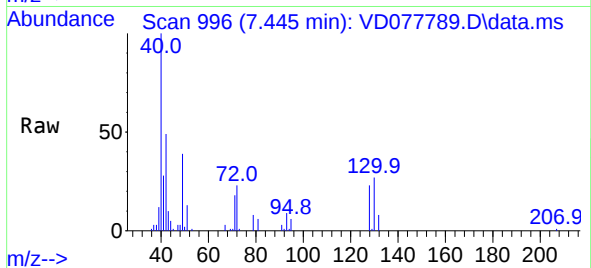
Tgt Ion: 42 Resp: 29960

Ion Ratio Lower Upper

42 100

72 50.1 46.5 69.7

71 45.6 44.5 66.7



#30

Chloroform

Concen: 18.804 ug/l

RT: 7.604 min Scan# 1023

Delta R.T. 0.005 min

Lab File: VD077789.D

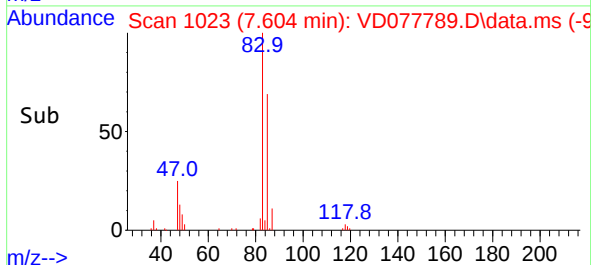
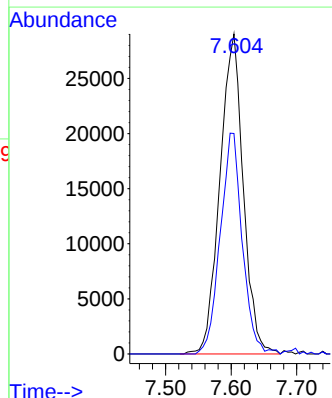
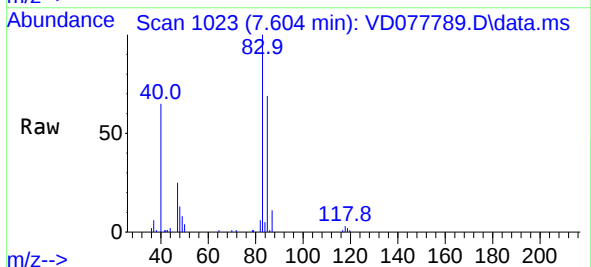
Acq: 08 Dec 2023 13:22

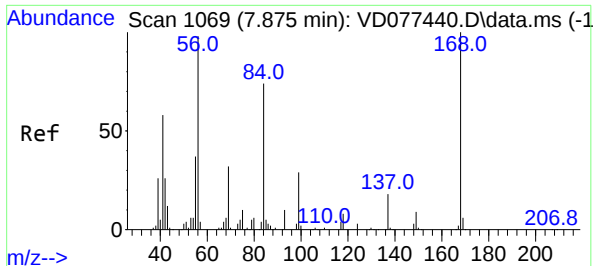
Tgt Ion: 83 Resp: 71718

Ion Ratio Lower Upper

83 100

85 68.9 53.4 80.2

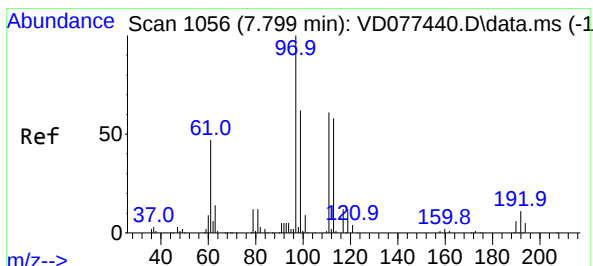
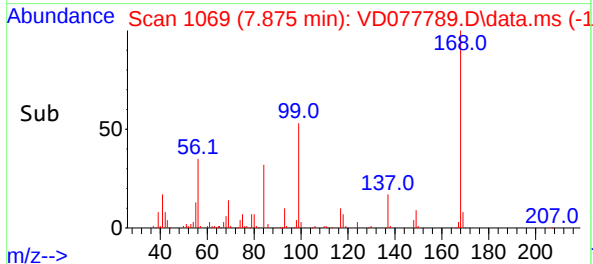
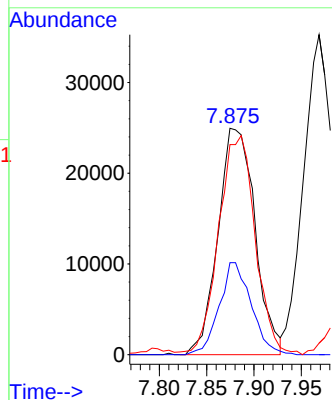
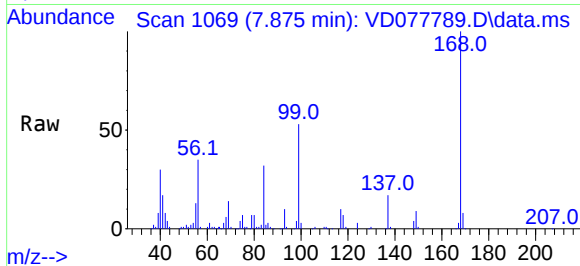




#31
Cyclohexane
Concen: 19.846 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

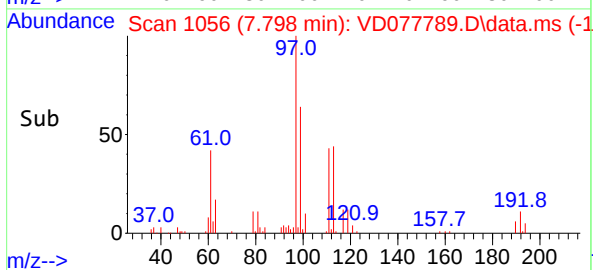
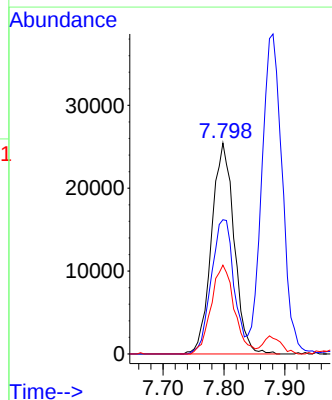
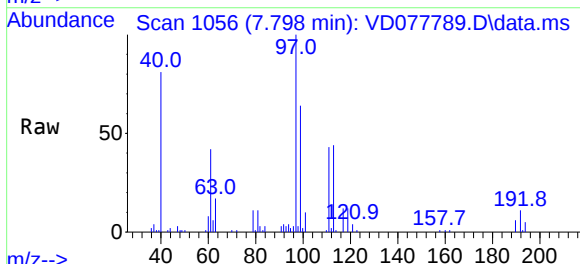
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

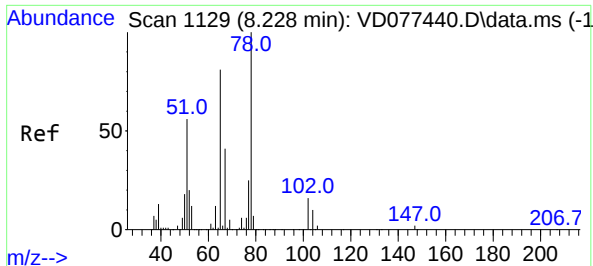
Tgt Ion: 56 Resp: 67751
Ion Ratio Lower Upper
56 100
69 40.6 28.6 43.0
84 91.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 19.524 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 97 Resp: 65643
Ion Ratio Lower Upper
97 100
99 63.5 52.0 78.0
61 43.3 33.8 50.8

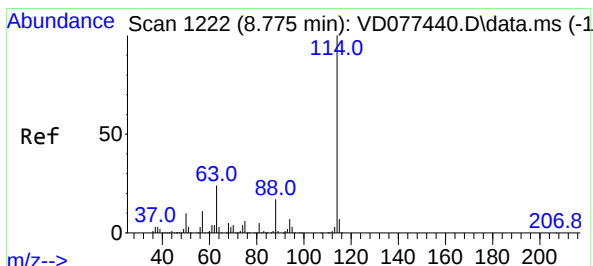
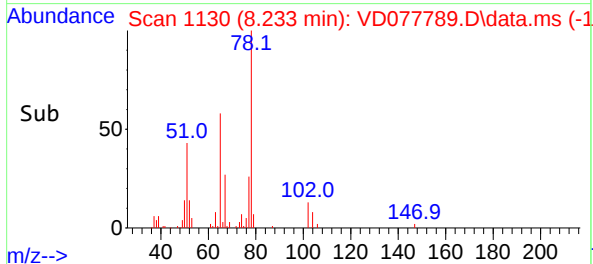
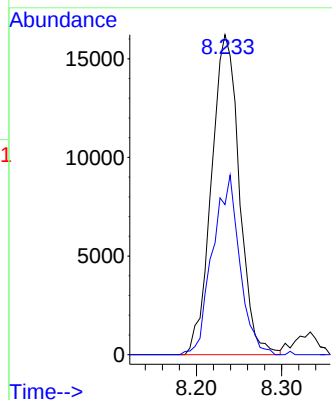
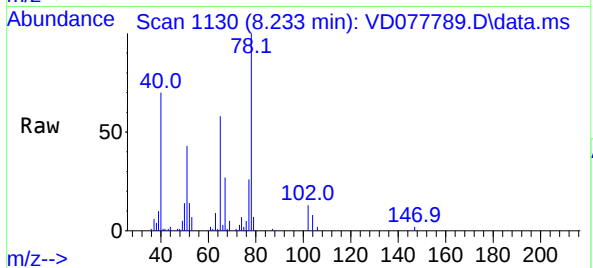




#33
1,2-Dichloroethane-d4
Concen: 19.196 ug/l
RT: 8.233 min Scan# 1129
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

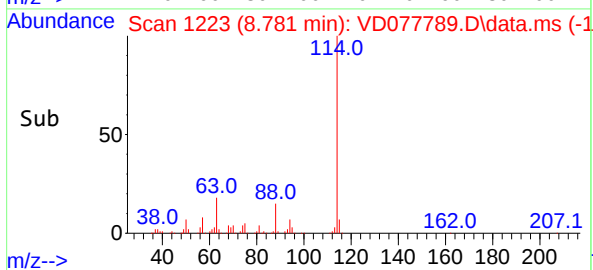
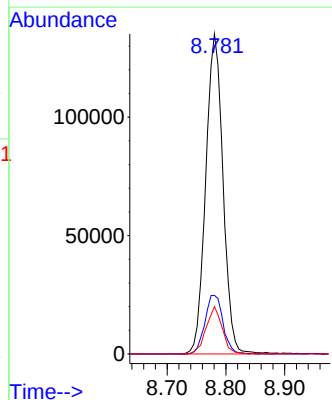
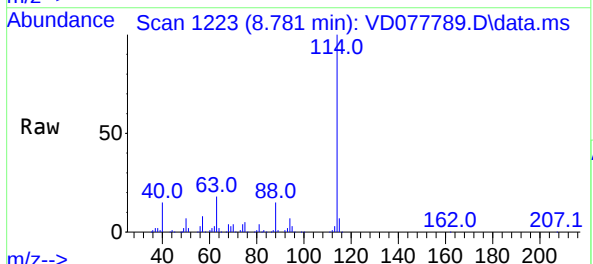
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

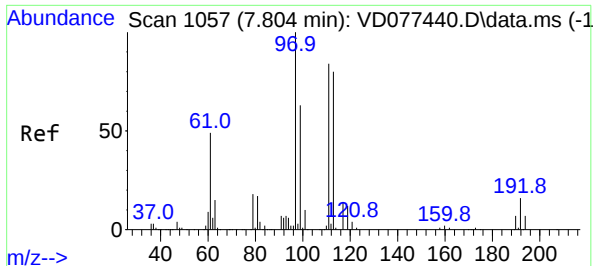
Tgt Ion: 65 Resp: 36843
Ion Ratio Lower Upper
65 100
67 54.7 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 114 Resp: 276078
Ion Ratio Lower Upper
114 100
63 18.3 0.0 33.4
88 14.8 0.0 26.2

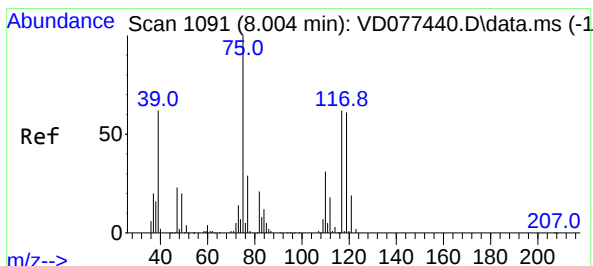
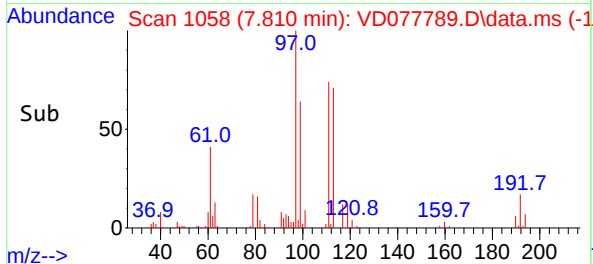
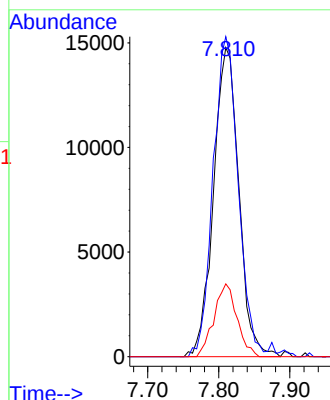
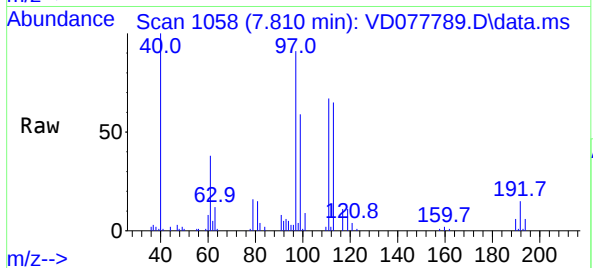




#35
Dibromofluoromethane
Concen: 18.863 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

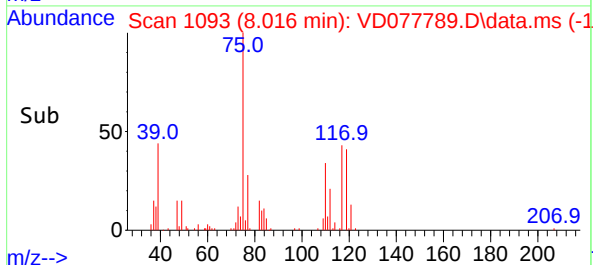
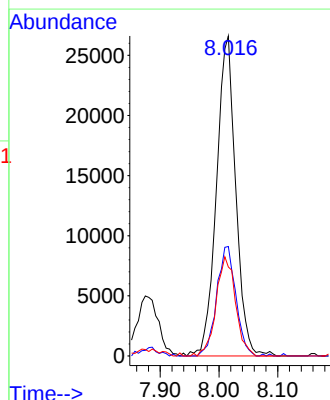
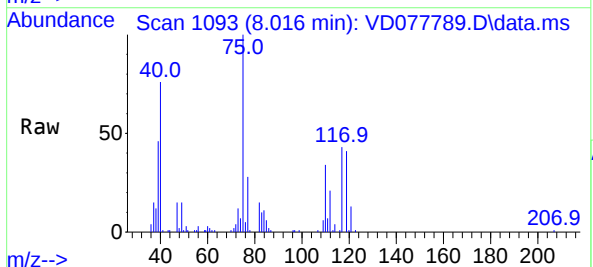
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

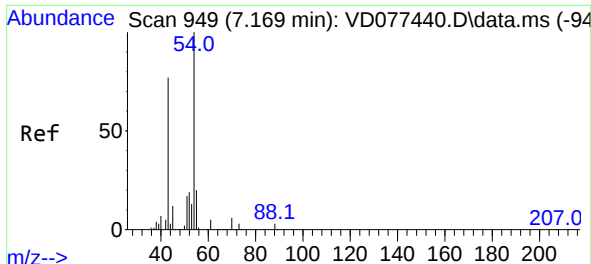
Tgt Ion:113 Resp: 36478
Ion Ratio Lower Upper
113 100
111 102.4 84.7 127.1
192 21.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.617 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.012 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 75 Resp: 60681
Ion Ratio Lower Upper
75 100
110 34.0 19.9 59.6
77 31.2 24.7 37.1

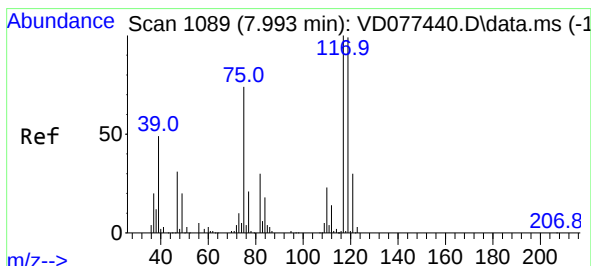
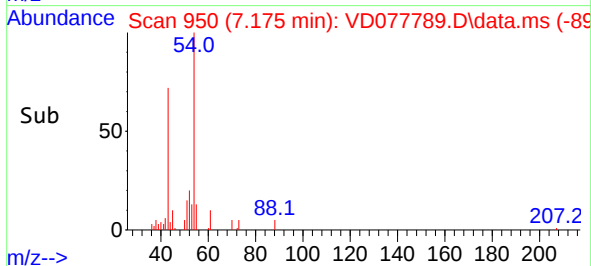
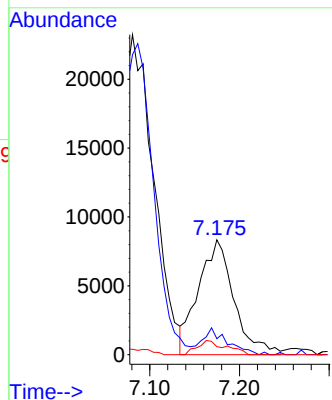
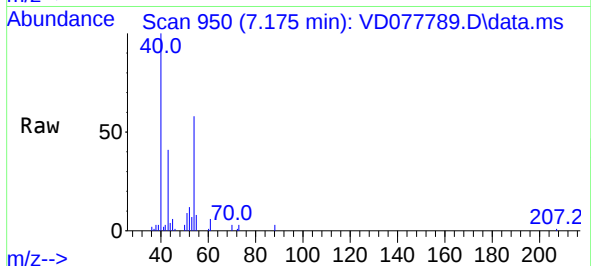




#37
Ethyl Acetate
Concen: 18.978 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

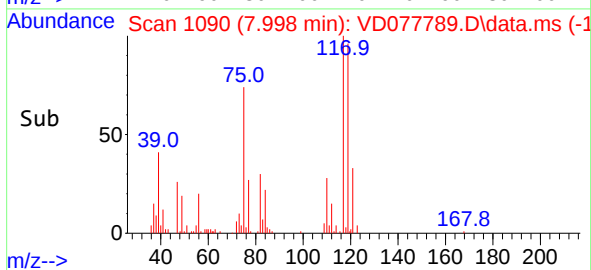
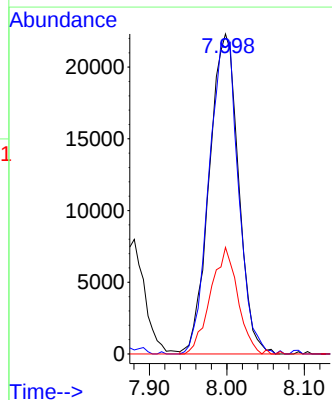
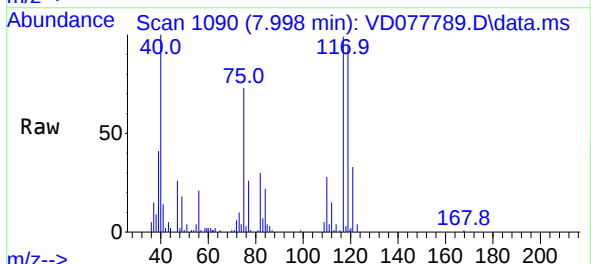
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

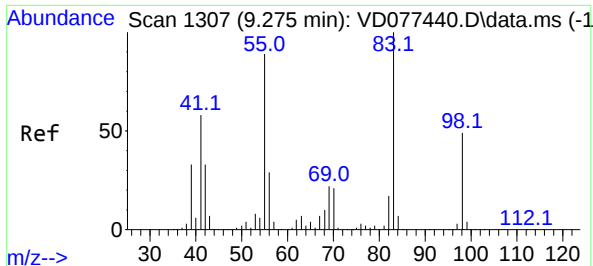
Tgt Ion: 43 Resp: 22890
Ion Ratio Lower Upper
43 100
61 16.6 14.9 22.3
70 9.9 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 18.940 ug/l
RT: 7.998 min Scan# 1090
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 117 Resp: 58406
Ion Ratio Lower Upper
117 100
119 95.8 78.0 117.0
121 33.3 24.2 36.2

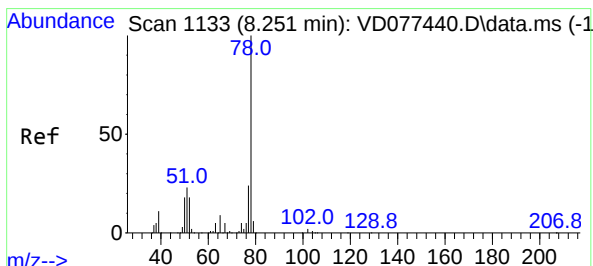
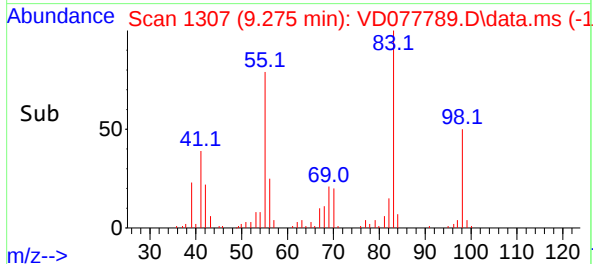
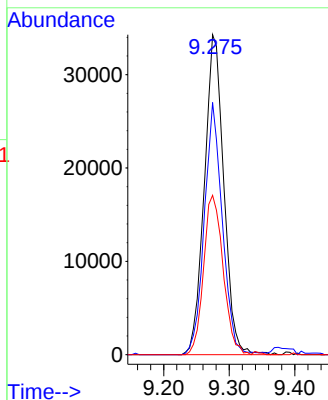
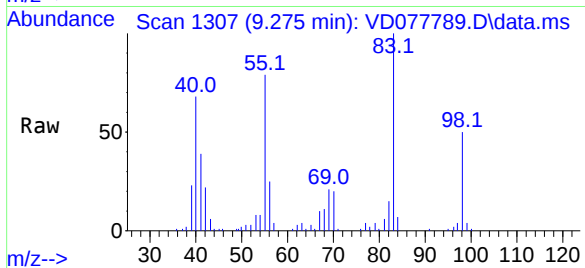




#39
Methylcyclohexane
Concen: 19.315 ug/l
RT: 9.275 min Scan# 1137
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

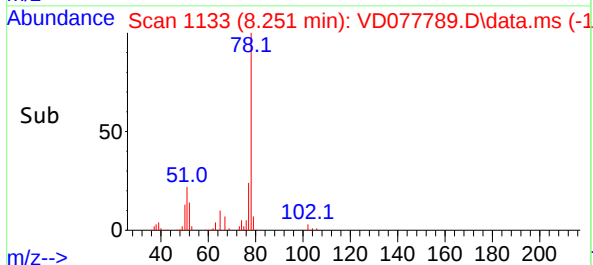
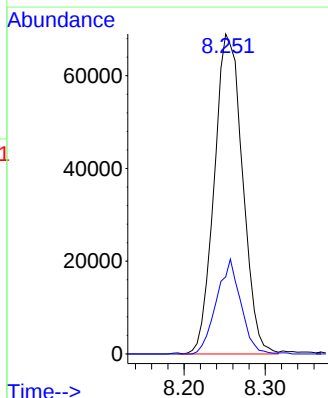
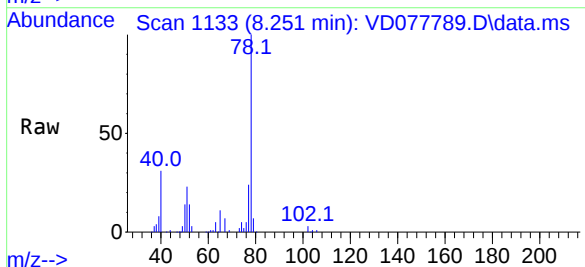
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

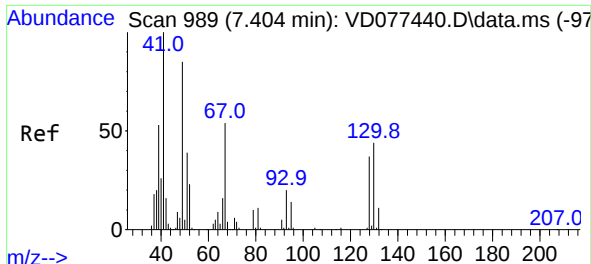
Tgt Ion: 83 Resp: 70829
Ion Ratio Lower Upper
83 100
55 78.8 49.4 74.0#
98 49.8 38.4 57.6



#40
Benzene
Concen: 18.998 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 78 Resp: 166790
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

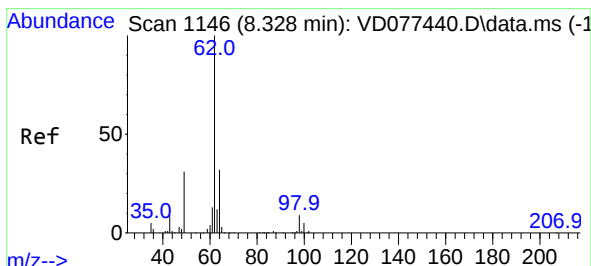
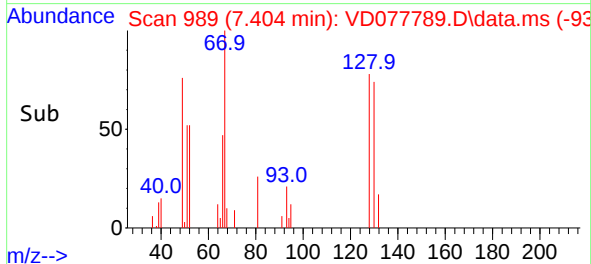
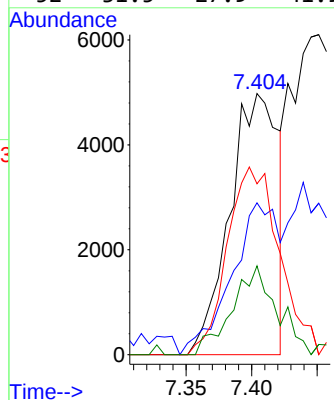
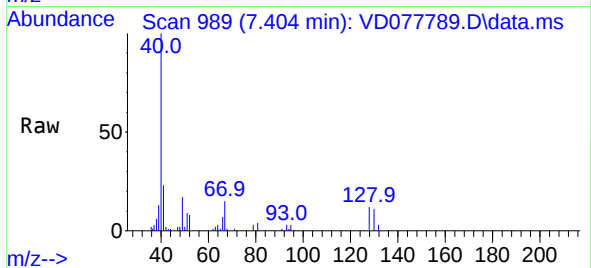




#41
Methacrylonitrile
Concen: 20.777 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

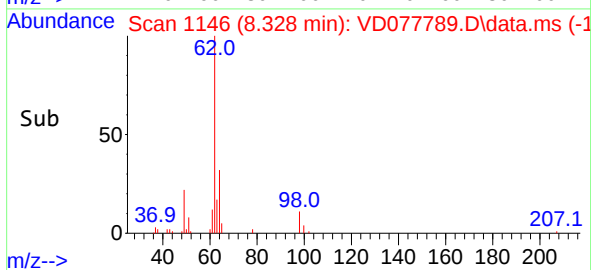
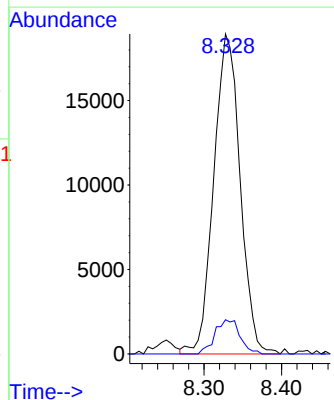
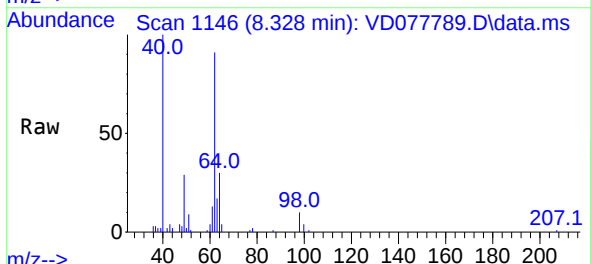
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

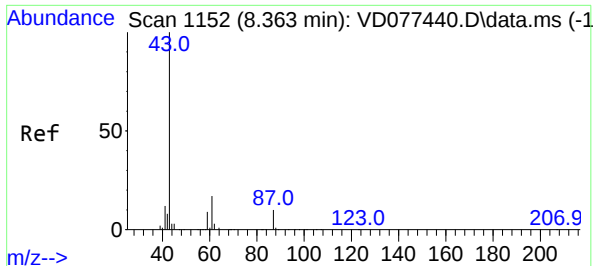
Tgt Ion: 41 Resp: 12737
Ion Ratio Lower Upper
41 100
39 56.1 34.0 51.0#
67 78.3 77.0 115.4
52 31.5 27.9 41.9



#42
1,2-Dichloroethane
Concen: 19.713 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 62 Resp: 44861
Ion Ratio Lower Upper
62 100
98 10.1 0.0 25.4

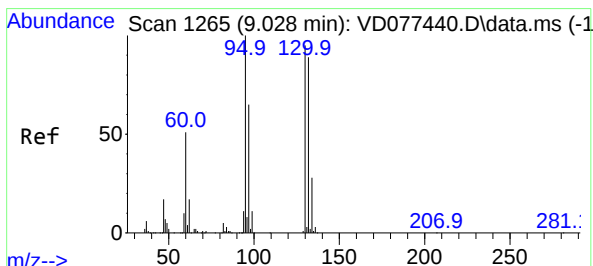
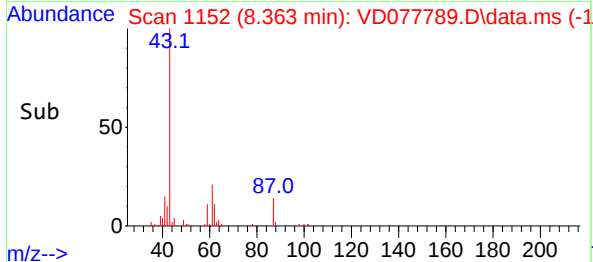
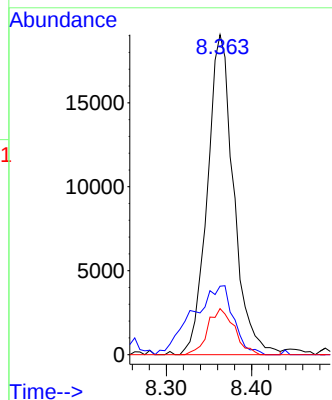
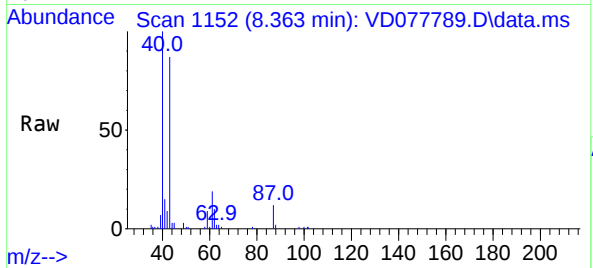




#43
Isopropyl Acetate
Concen: 19.016 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

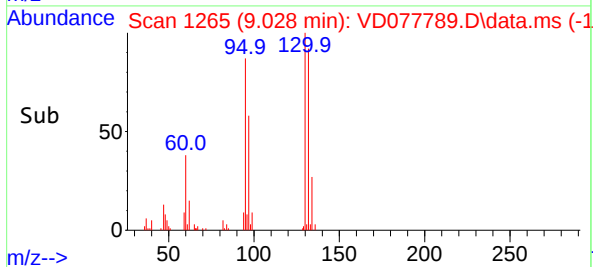
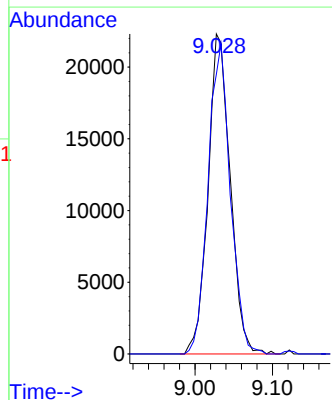
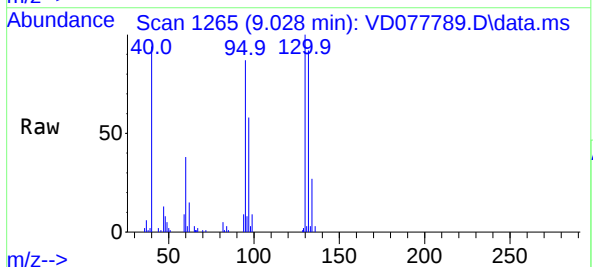
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

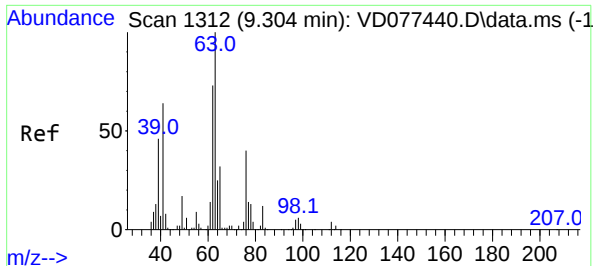
Tgt Ion: 43 Resp: 40771
Ion Ratio Lower Upper
43 100
61 33.6 31.4 47.0
87 14.5 14.9 22.3#



#44
Trichloroethene
Concen: 19.386 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 130 Resp: 44352
Ion Ratio Lower Upper
130 100
95 87.4 0.0 179.2

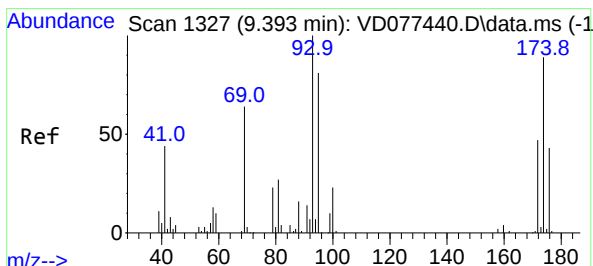
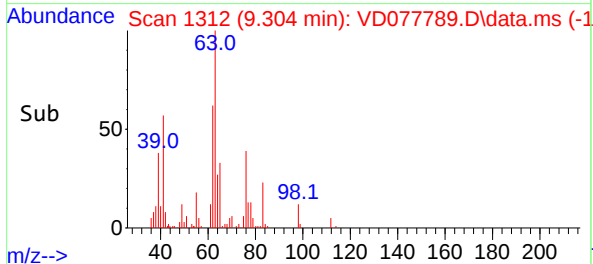
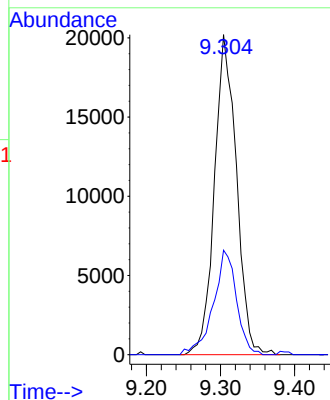
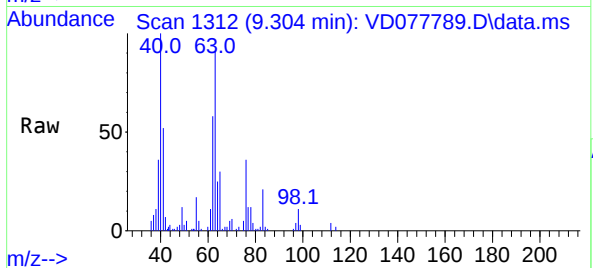




#45
1,2-Dichloropropane
Concen: 19.468 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

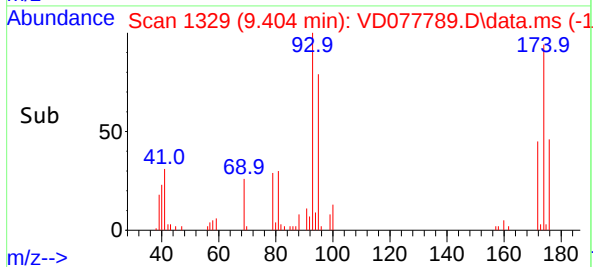
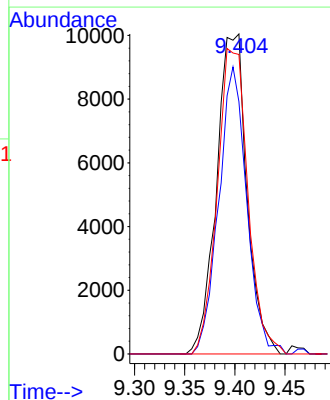
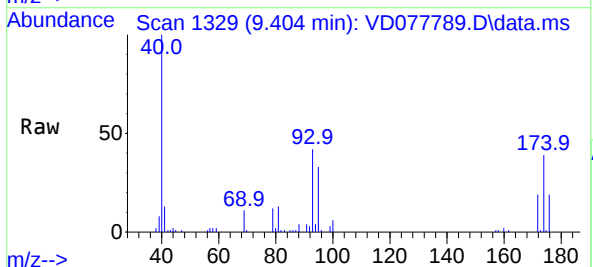
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

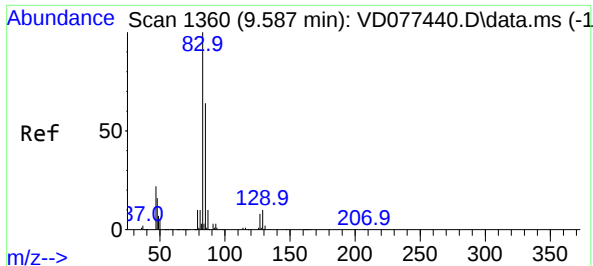
Tgt Ion: 63 Resp: 41550
Ion Ratio Lower Upper
63 100
65 32.7 24.5 36.7



#46
Dibromomethane
Concen: 18.798 ug/l
RT: 9.404 min Scan# 1329
Delta R.T. 0.011 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 93 Resp: 21228
Ion Ratio Lower Upper
93 100
95 82.4 67.7 101.5
174 95.8 85.4 128.2

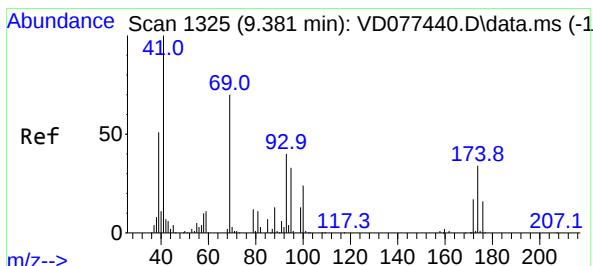
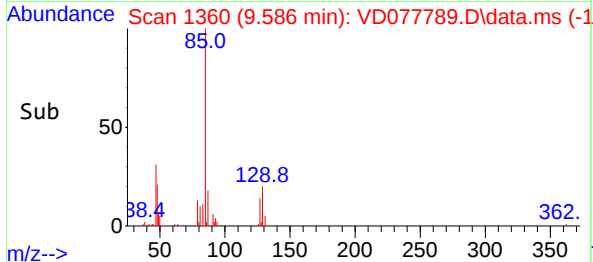
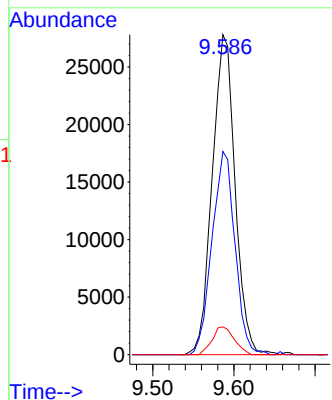
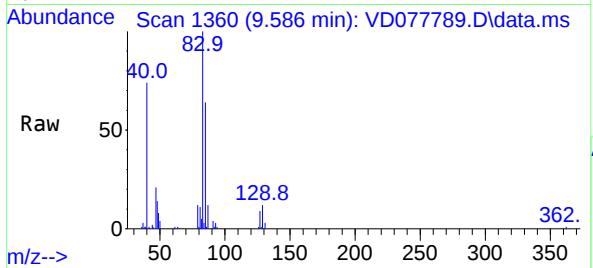




#47
Bromodichloromethane
Concen: 18.989 ug/l
RT: 9.586 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

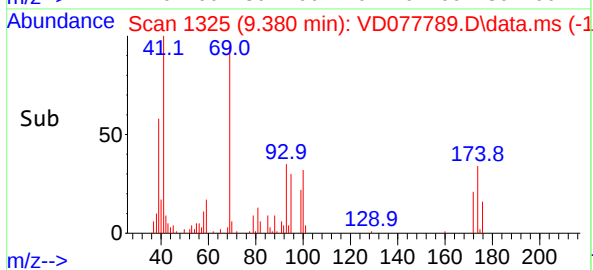
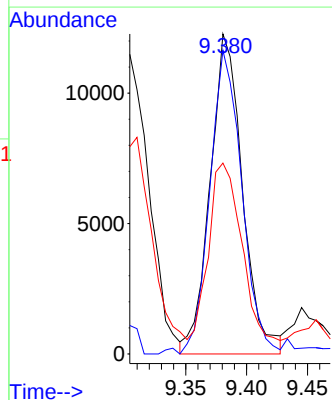
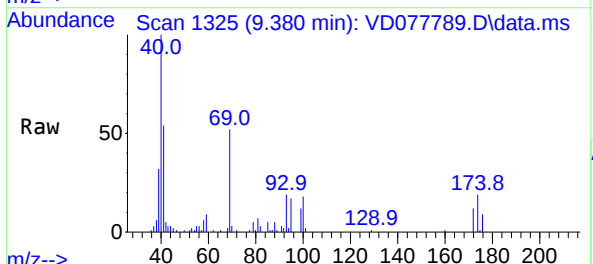
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

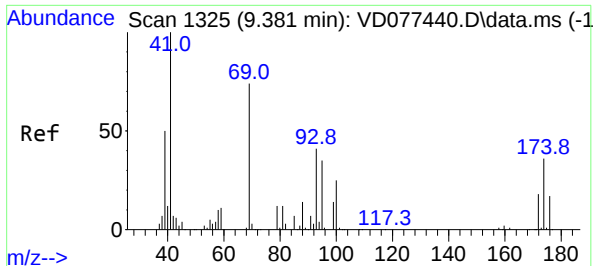
Tgt Ion: 83 Resp: 54352
Ion Ratio Lower Upper
83 100
85 63.5 50.2 75.4
127 8.7 6.3 9.5



#48
Methyl methacrylate
Concen: 18.596 ug/l
RT: 9.380 min Scan# 1325
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 41 Resp: 22665
Ion Ratio Lower Upper
41 100
69 94.0 102.2 153.2#
39 61.3 41.4 62.2

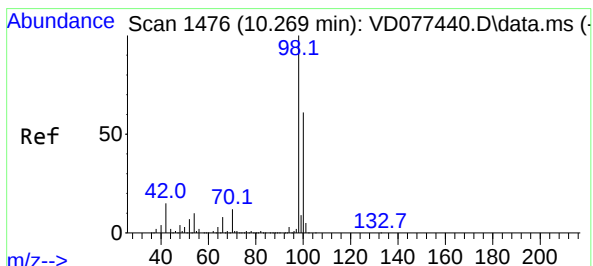
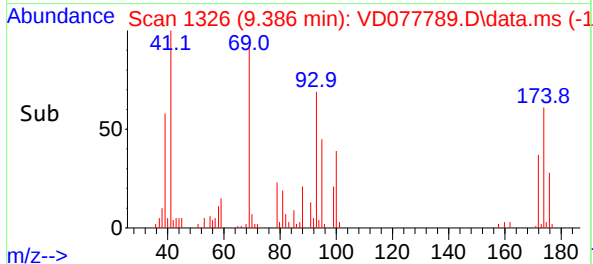
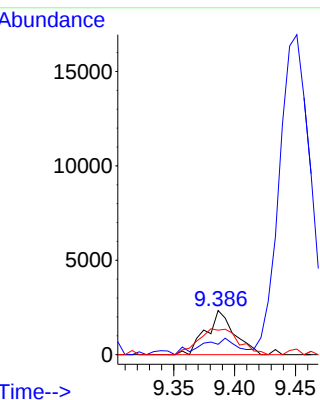
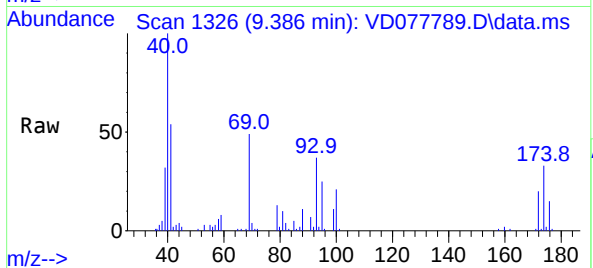




#49
1,4-Dioxane
Concen: 335.857 ug/l
RT: 9.386 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

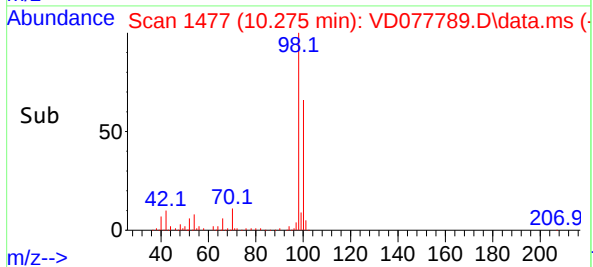
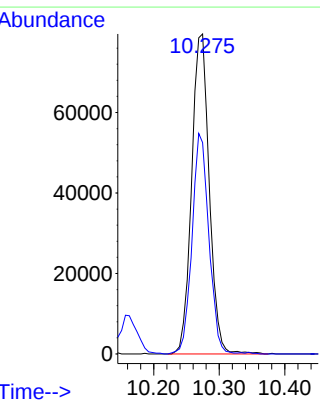
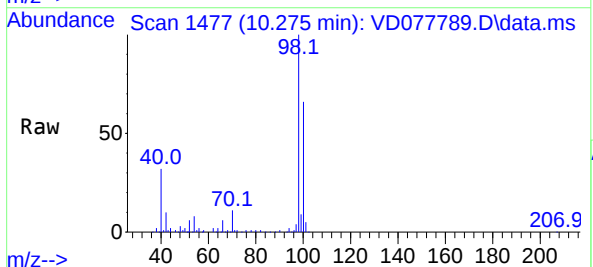
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

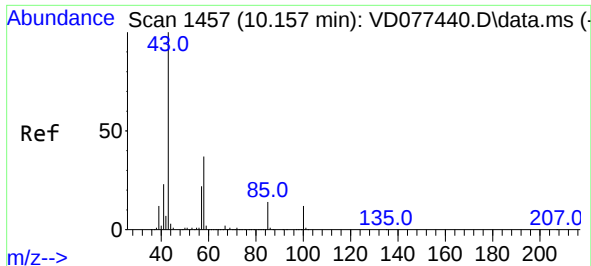
Tgt Ion: 88 Resp: 3766
Ion Ratio Lower Upper
88 100
43 45.4 19.0 28.6#
58 83.8 43.5 65.3#



#50
Toluene-d8
Concen: 19.199 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 98 Resp: 148700
Ion Ratio Lower Upper
98 100
100 65.8 50.3 75.5

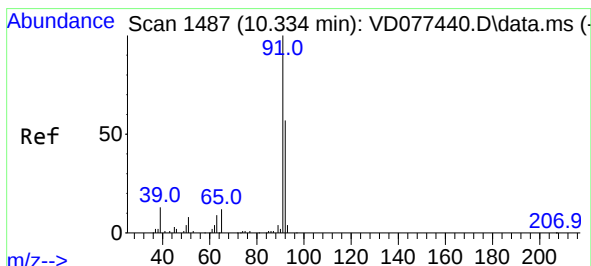
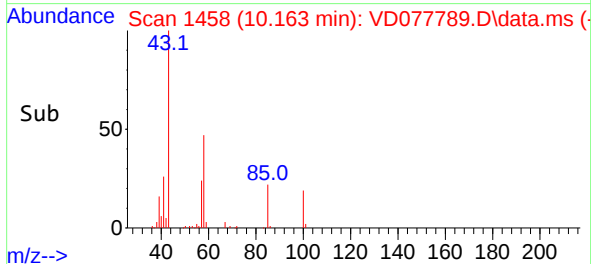
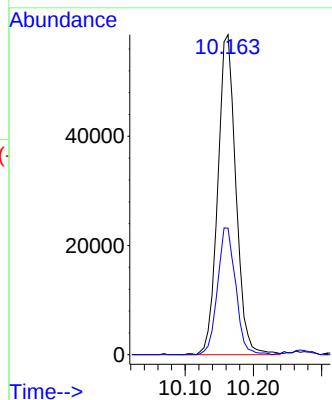
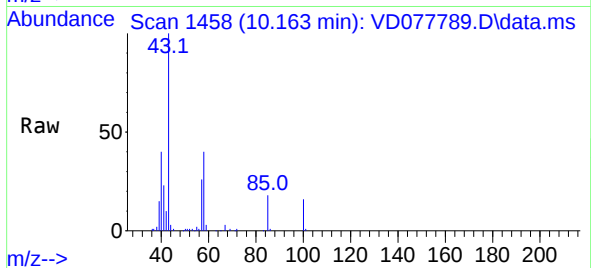




#51
4-Methyl-2-Pentanone
Concen: 99.130 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

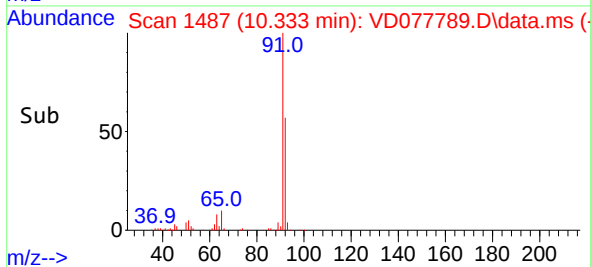
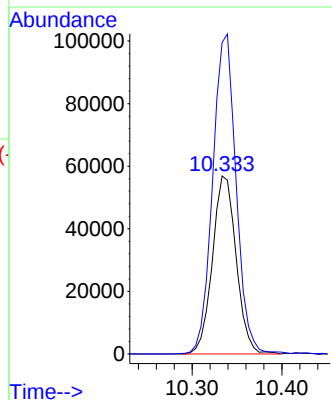
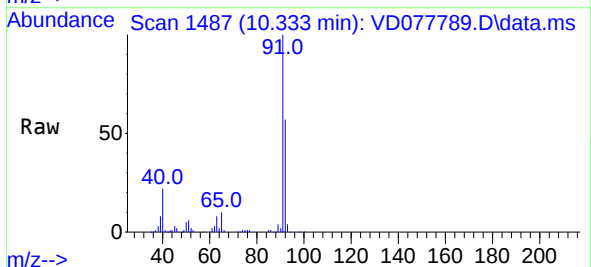
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

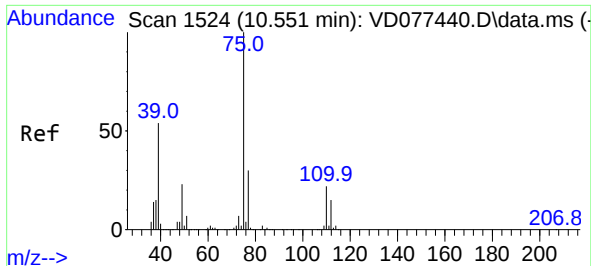
Tgt Ion: 43 Resp: 108472
Ion Ratio Lower Upper
43 100
58 39.6 38.9 58.3



#52
Toluene
Concen: 19.182 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 92 Resp: 104463
Ion Ratio Lower Upper
92 100
91 177.6 143.0 214.4

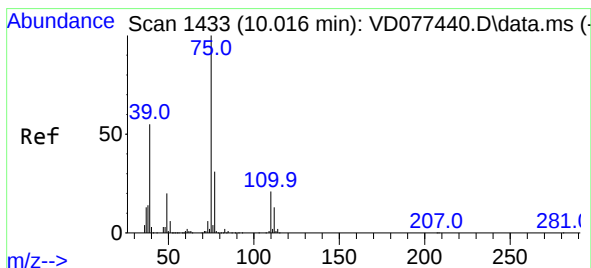
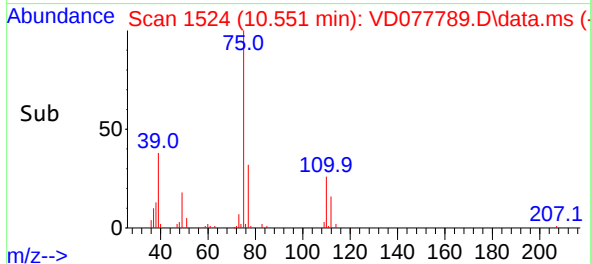
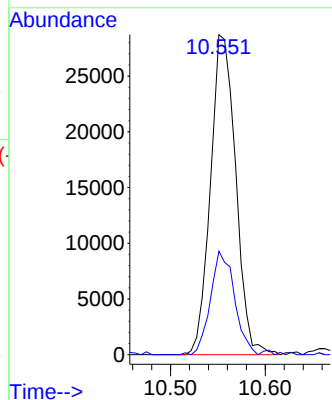
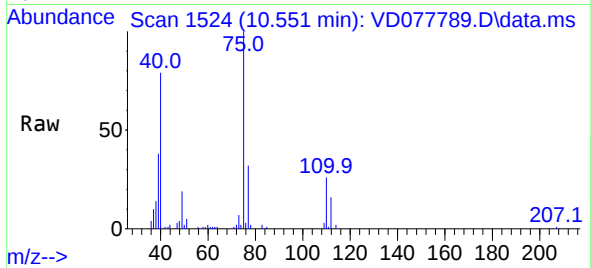




#53
t-1,3-Dichloropropene
Concen: 19.330 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

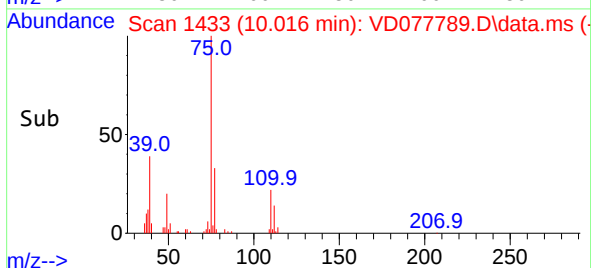
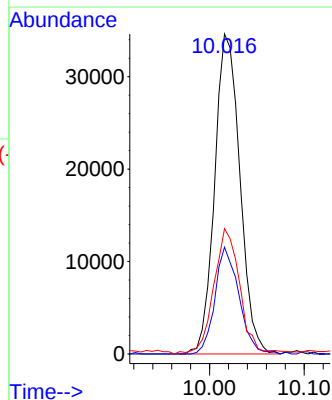
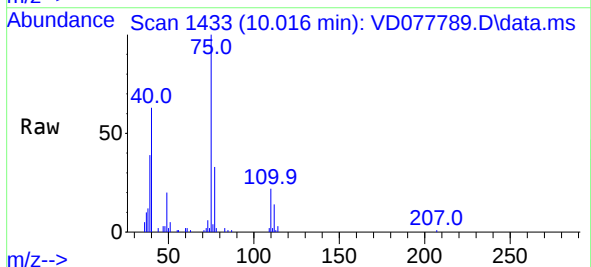
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

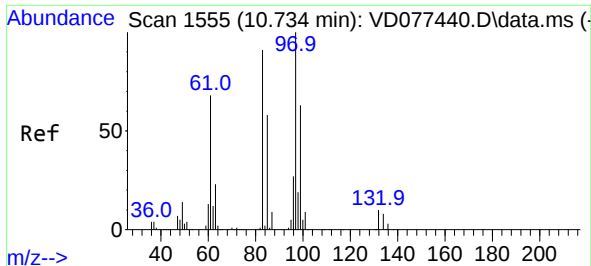
Tgt Ion: 75 Resp: 53132
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.299 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 75 Resp: 64135
Ion Ratio Lower Upper
75 100
77 33.4 25.5 38.3
39 38.4 22.1 33.1#

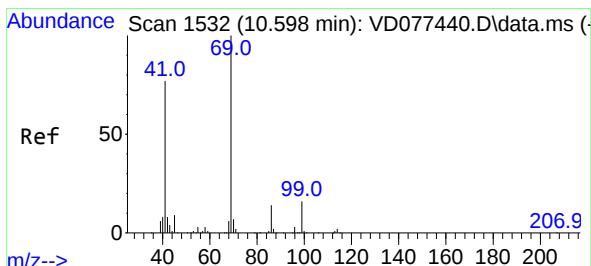
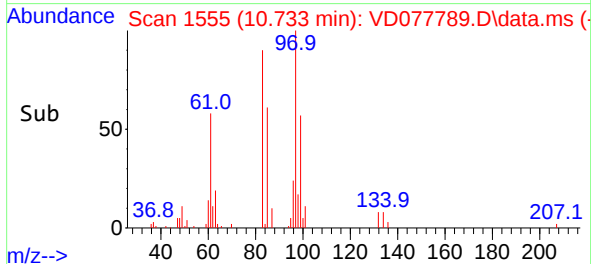
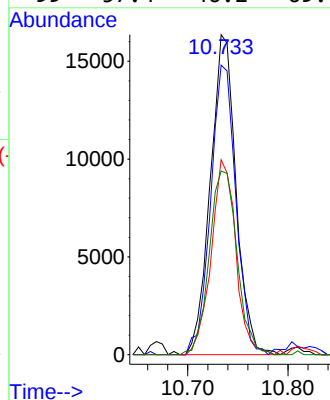
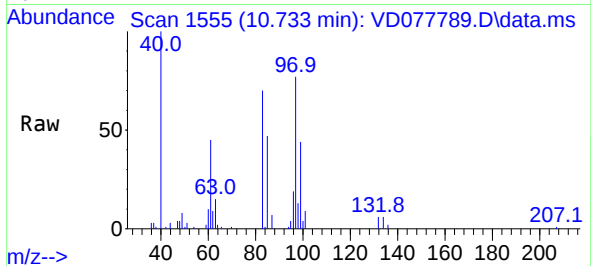




#55
1,1,2-Trichloroethane
Concen: 18.835 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

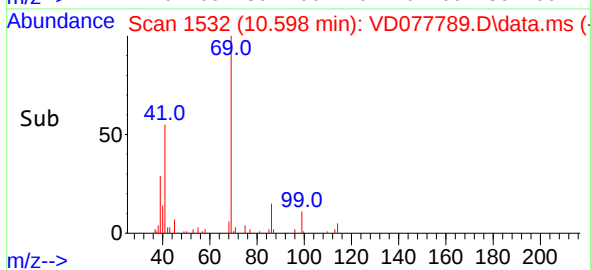
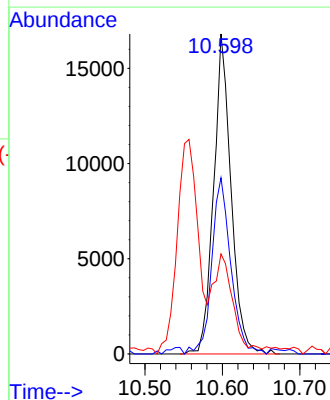
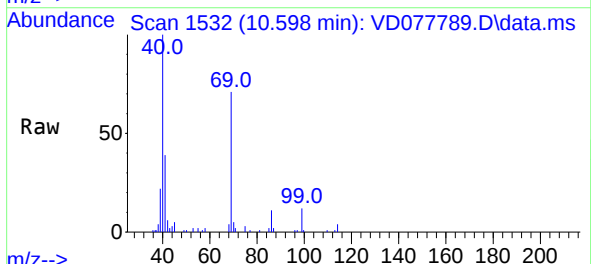
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

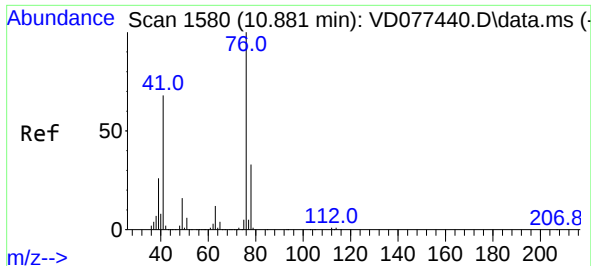
Tgt Ion:	97	Resp:	29094
Ion	Ratio	Lower	Upper
97	100		
83	90.5	65.8	98.6
85	60.9	45.7	68.5
99	57.4	46.2	69.4



#56
Ethyl methacrylate
Concen: 19.388 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion:	69	Resp:	26399
Ion	Ratio	Lower	Upper
69	100		
41	60.1	39.1	58.7#
39	31.4	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 19.191 ug/l

RT: 10.880 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

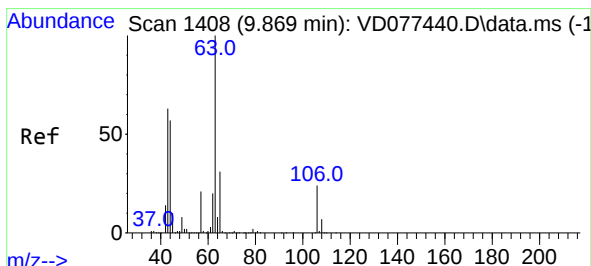
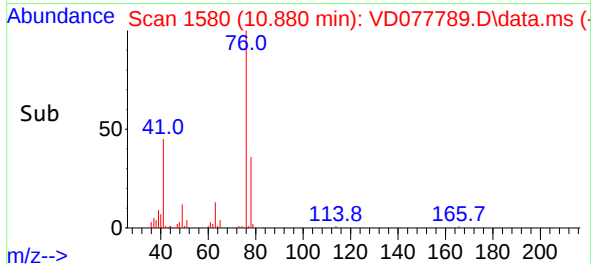
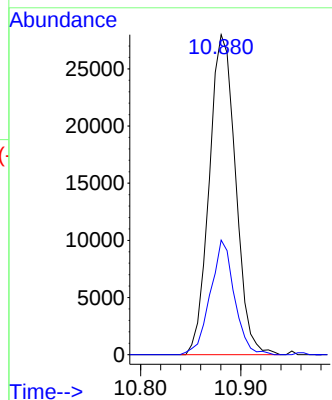
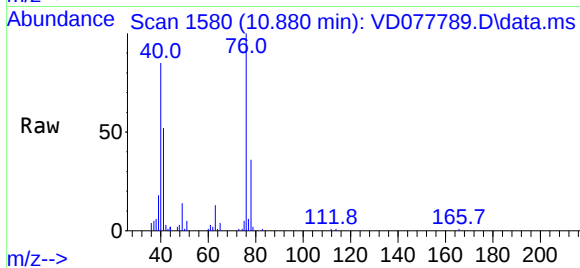
VSTDICC020

Tgt Ion: 76 Resp: 51097

Ion Ratio Lower Upper

76 100

78 32.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 99.842 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD077789.D

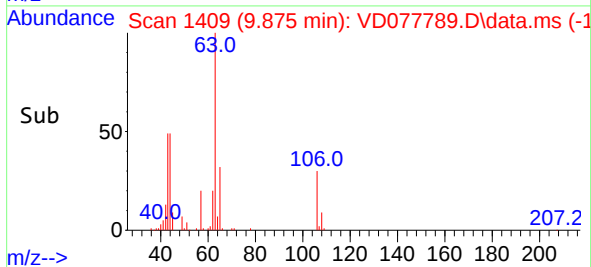
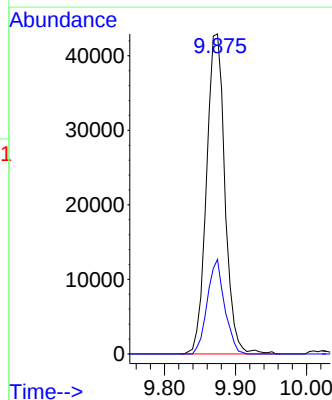
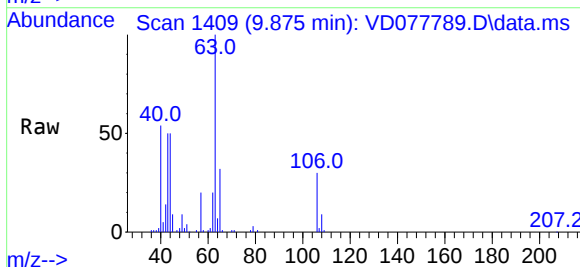
Acq: 08 Dec 2023 13:22

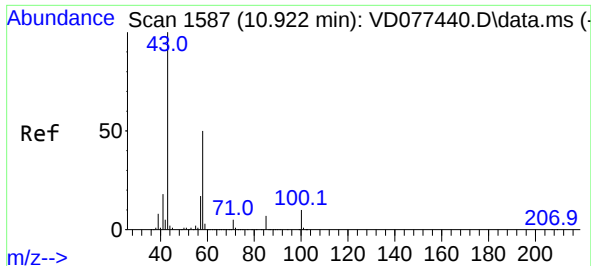
Tgt Ion: 63 Resp: 77529

Ion Ratio Lower Upper

63 100

106 27.6 25.3 37.9

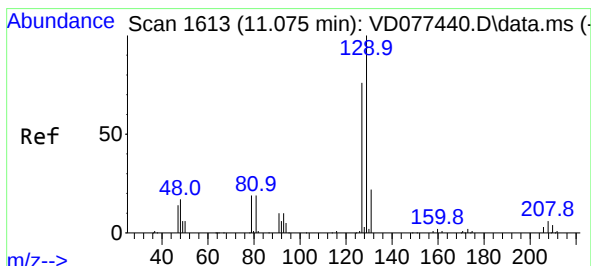
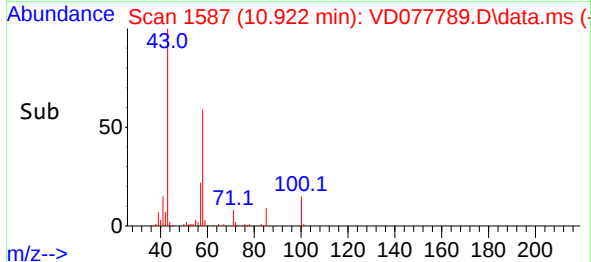
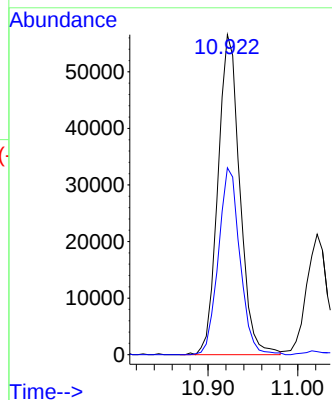
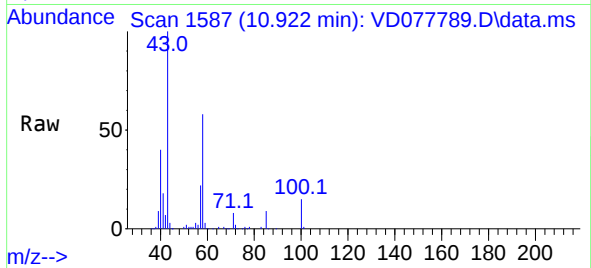




#59
2-Hexanone
Concen: 105.463 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

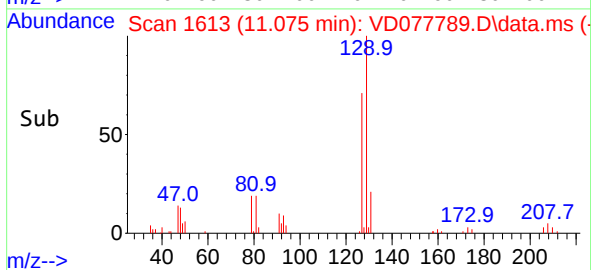
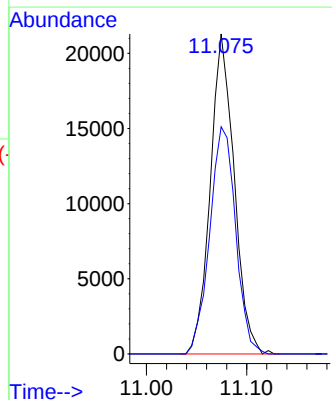
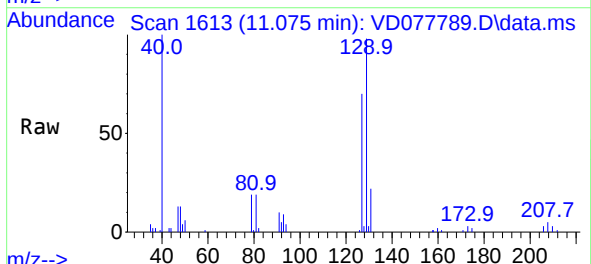
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

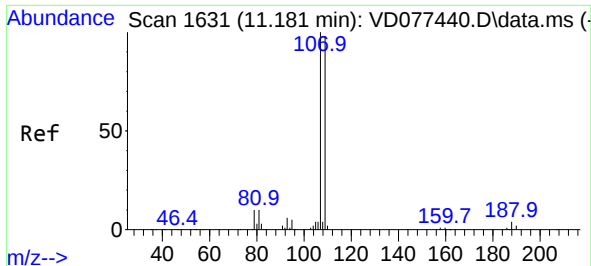
Tgt Ion: 43 Resp: 95743
Ion Ratio Lower Upper
43 100
58 57.5 34.1 102.2



#60
Dibromochloromethane
Concen: 18.915 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 129 Resp: 35177
Ion Ratio Lower Upper
129 100
127 77.0 37.1 111.5

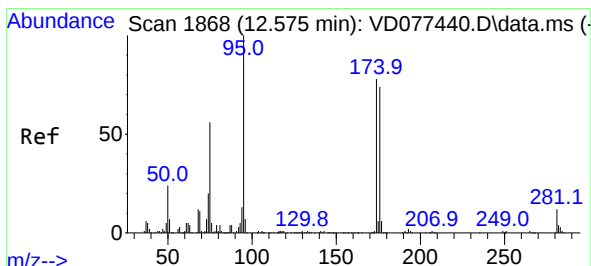
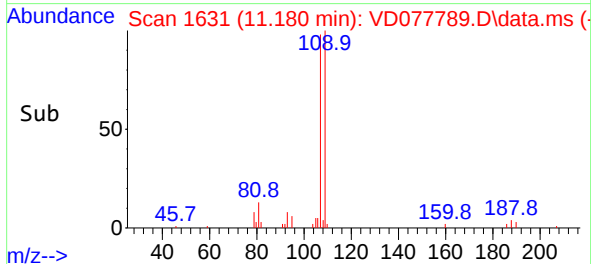
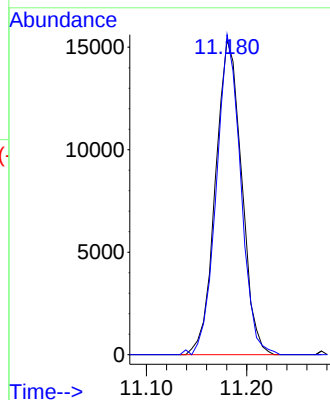
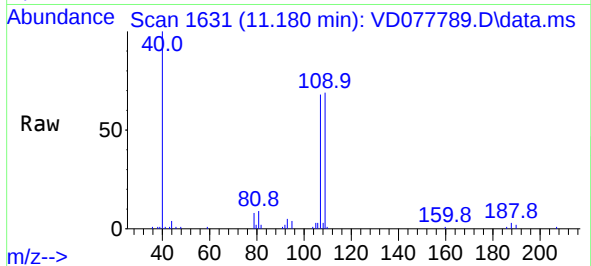




#61
1,2-Dibromoethane
Concen: 19.091 ug/l
RT: 11.180 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

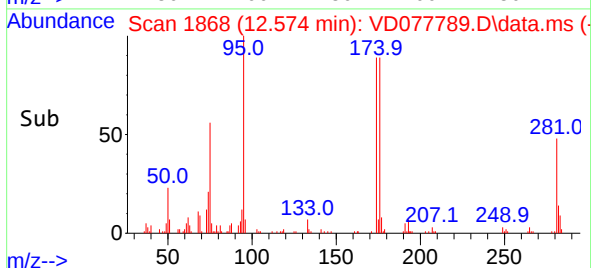
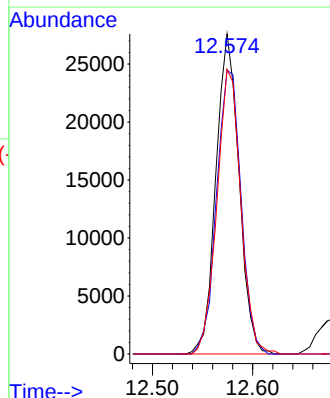
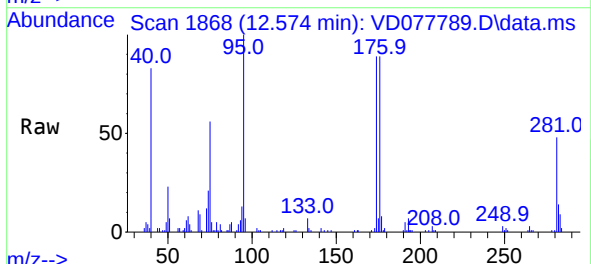
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

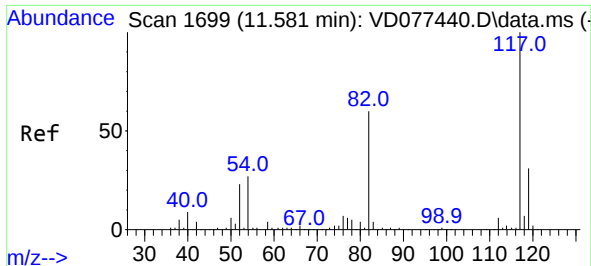
Tgt Ion:107 Resp: 27758
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 19.022 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 95 Resp: 44049
Ion Ratio Lower Upper
95 100
174 94.0 0.0 201.8
176 91.9 0.0 191.8

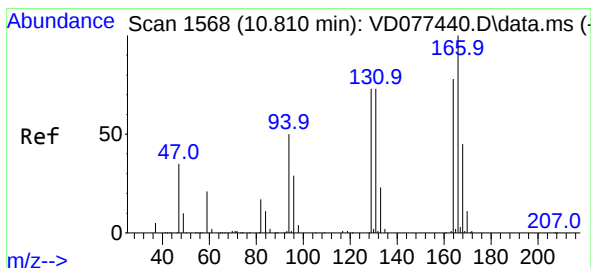
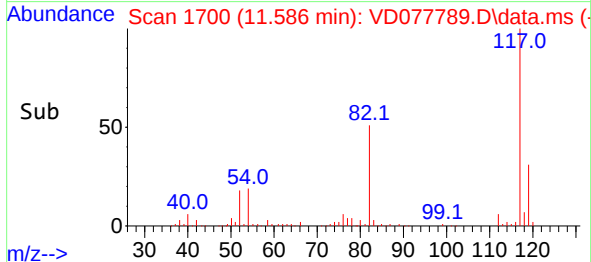
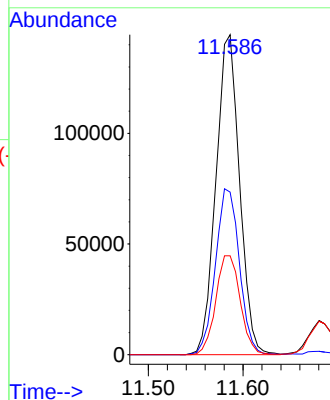
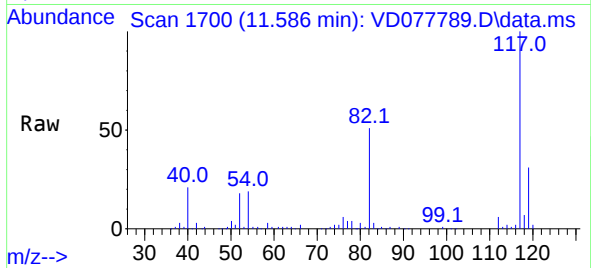




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

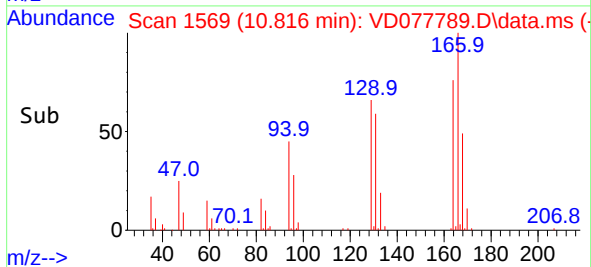
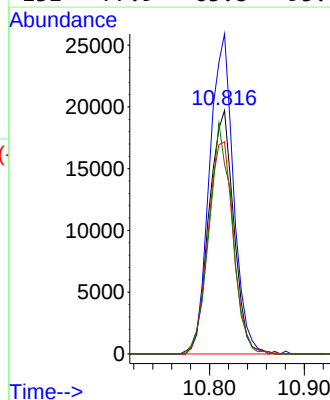
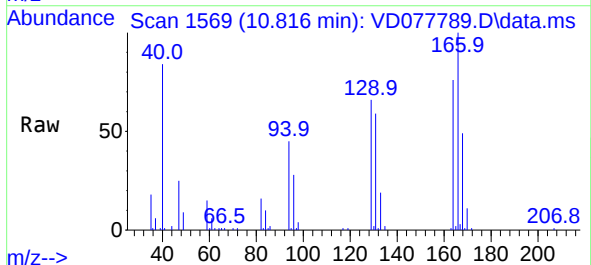
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

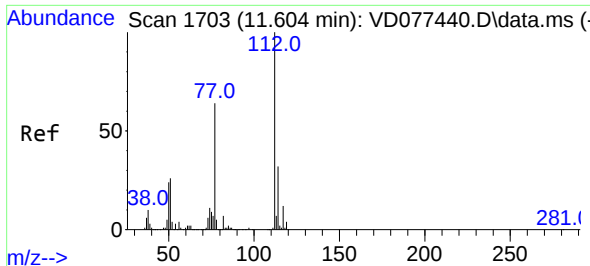
Tgt Ion:117 Resp: 250591
Ion Ratio Lower Upper
117 100
82 50.8 38.3 57.5
119 30.9 25.0 37.4



#64
Tetrachloroethene
Concen: 19.300 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion:164 Resp: 35548
Ion Ratio Lower Upper
164 100
166 131.4 99.2 148.8
129 87.1 68.4 102.6
131 77.9 63.8 95.8

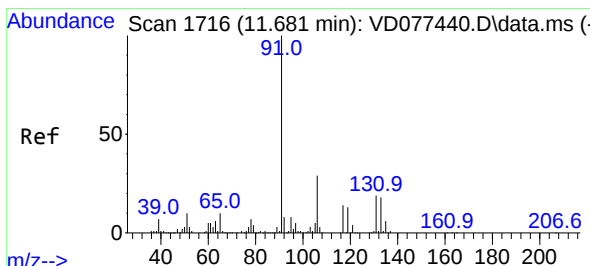
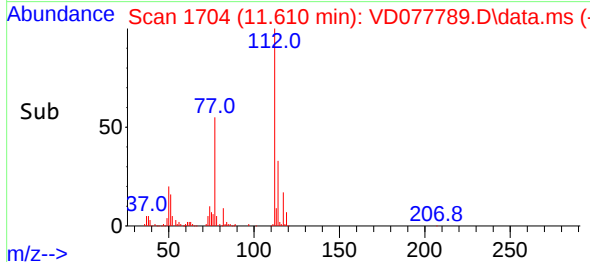
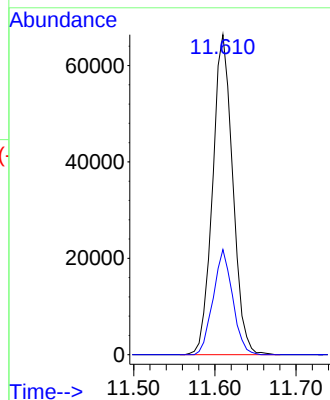
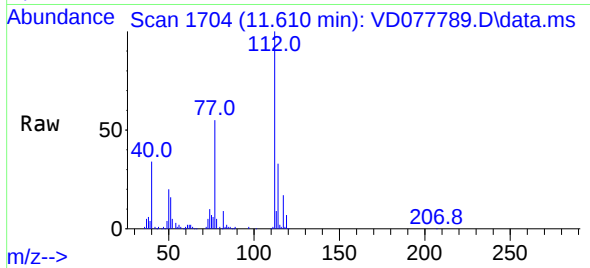




#65
Chlorobenzene
Concen: 18.193 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

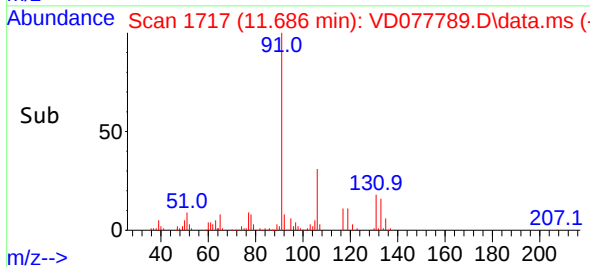
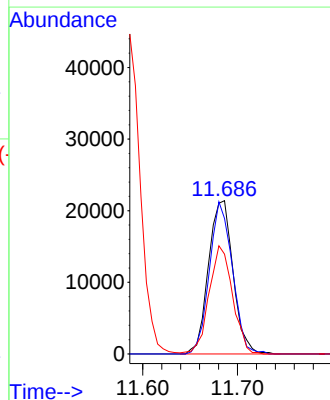
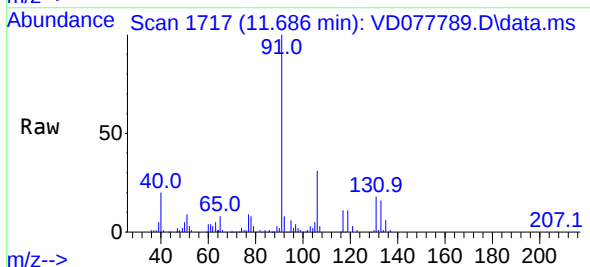
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

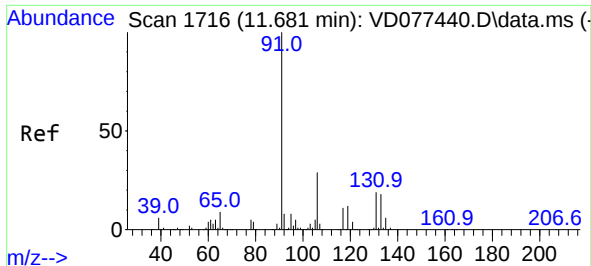
Tgt Ion:112 Resp: 114452
Ion Ratio Lower Upper
112 100
114 32.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.505 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion:131 Resp: 38561
Ion Ratio Lower Upper
131 100
133 92.9 48.5 145.5
119 67.5 35.6 106.9





#67

Ethyl Benzene

Concen: 19.192 ug/l

RT: 11.686 min Scan# 1716

Delta R.T. 0.005 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

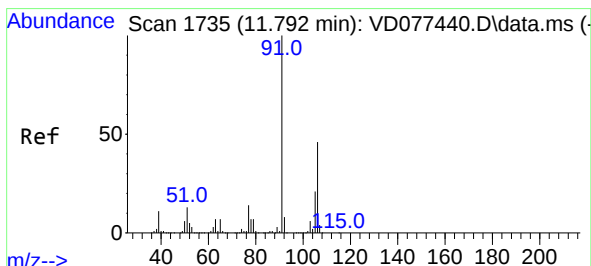
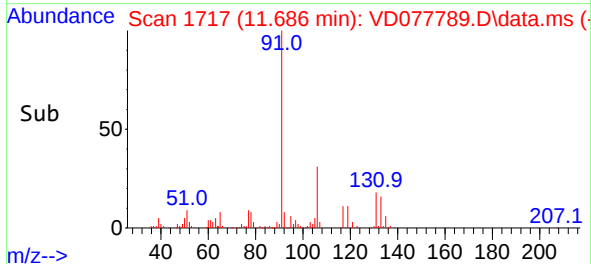
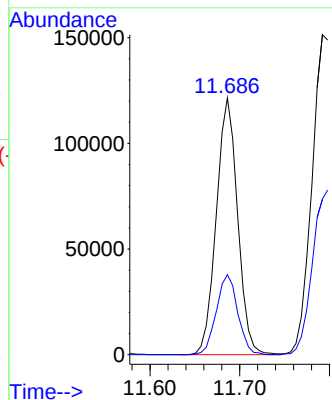
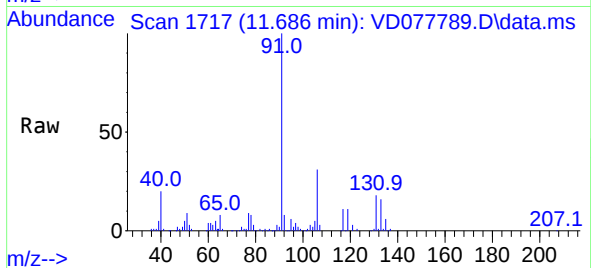
VSTDICC020

Tgt Ion: 91 Resp: 200231

Ion Ratio Lower Upper

91 100

106 31.2 26.5 39.7



#68

m/p-Xylenes

Concen: 38.112 ug/l

RT: 11.798 min Scan# 1736

Delta R.T. 0.006 min

Lab File: VD077789.D

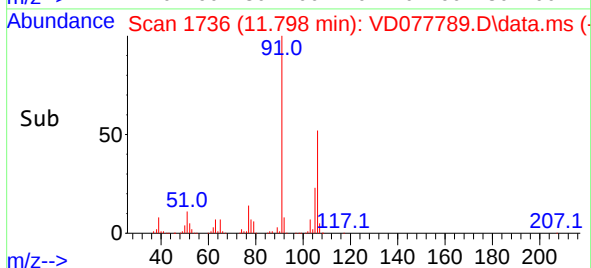
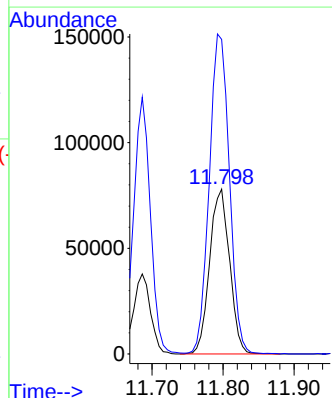
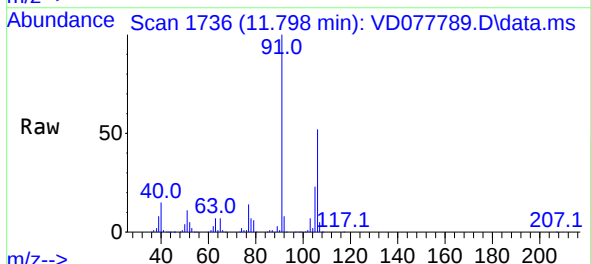
Acq: 08 Dec 2023 13:22

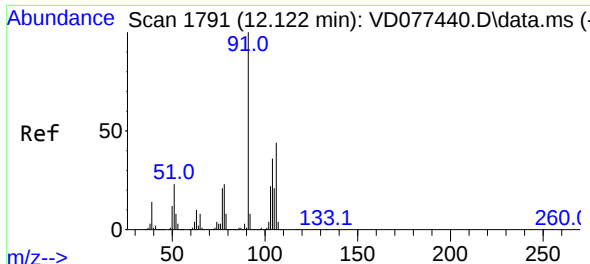
Tgt Ion: 106 Resp: 152091

Ion Ratio Lower Upper

106 100

91 196.1 147.0 220.6

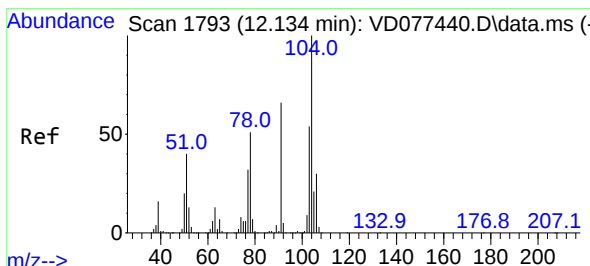
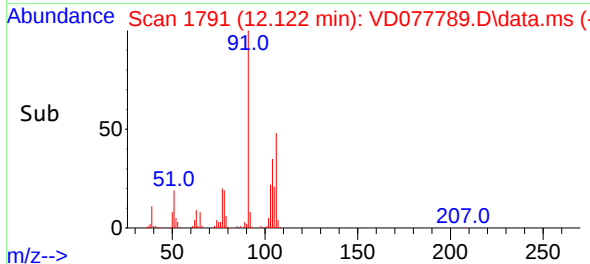
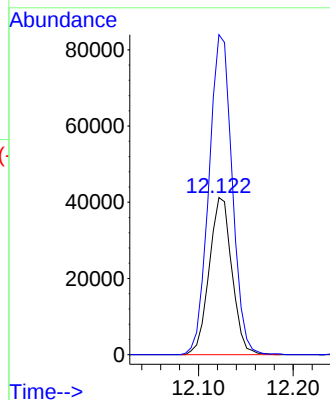
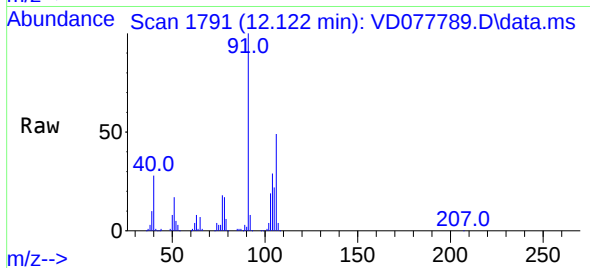




#69
o-Xylene
Concen: 18.723 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

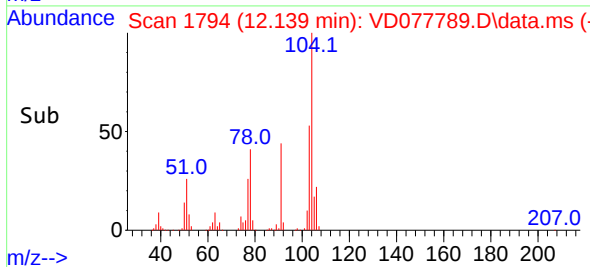
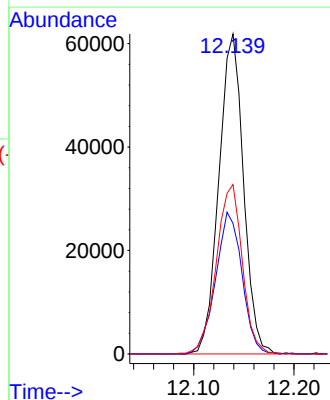
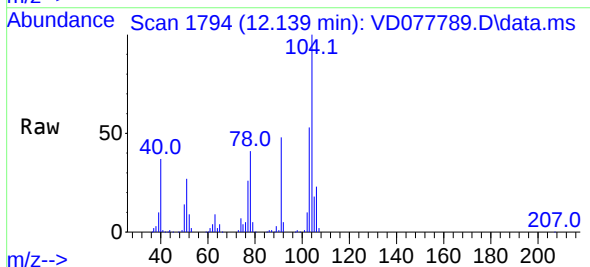
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

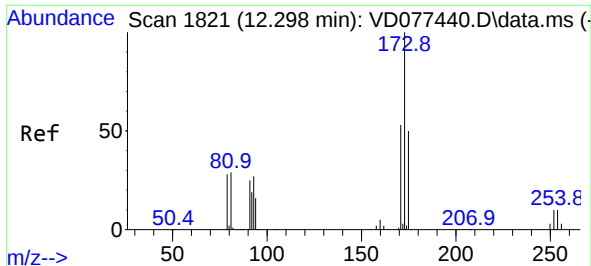
Tgt Ion:106 Resp: 68859
Ion Ratio Lower Upper
106 100
91 208.7 97.9 293.6



#70
Styrene
Concen: 19.258 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion:104 Resp: 105320
Ion Ratio Lower Upper
104 100
78 47.6 33.2 49.8
103 56.0 43.6 65.4

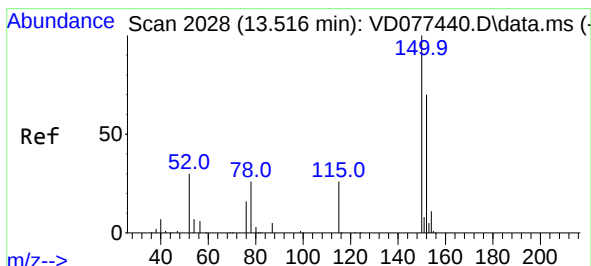
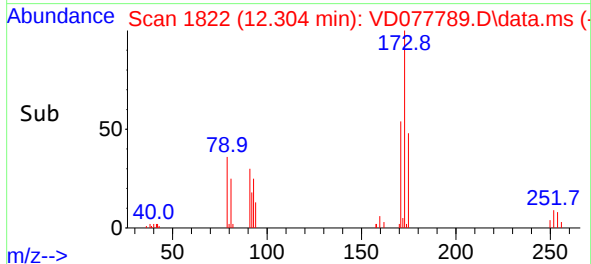
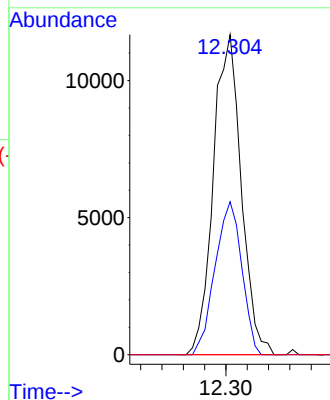
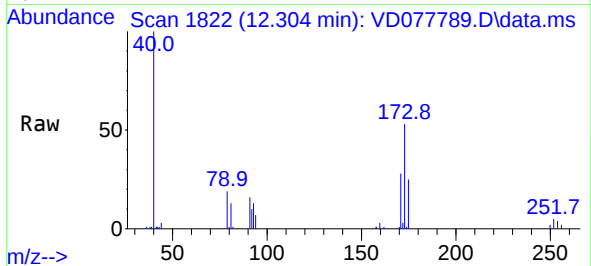




#71
Bromoform
Concen: 19.475 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

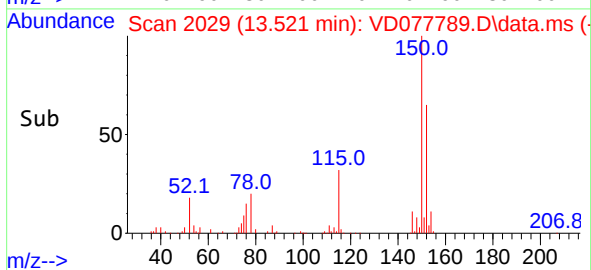
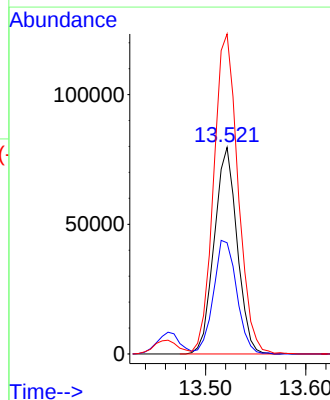
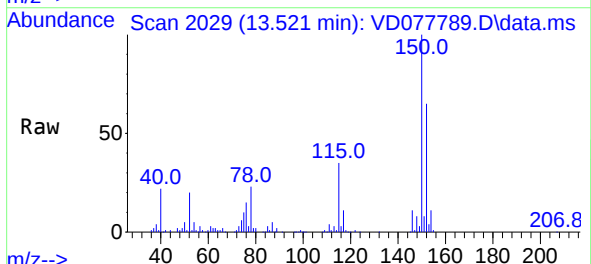
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

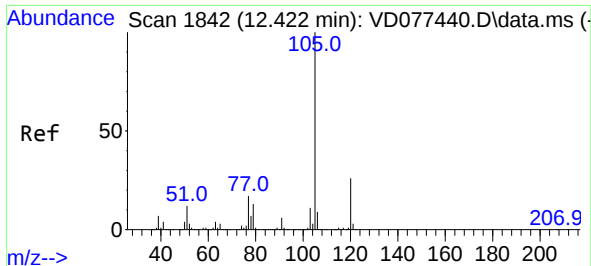
Tgt Ion:173 Resp: 21205
Ion Ratio Lower Upper
173 100
175 45.7 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.521 min Scan# 2029
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion:152 Resp: 125774
Ion Ratio Lower Upper
152 100
115 56.2 27.1 81.3
150 165.2 0.0 353.6

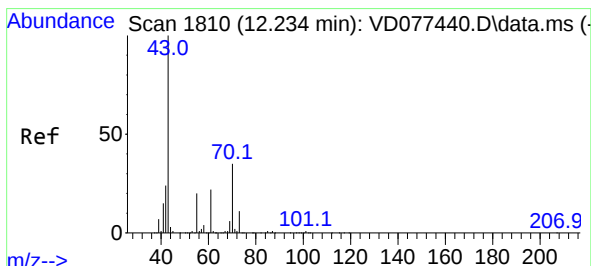
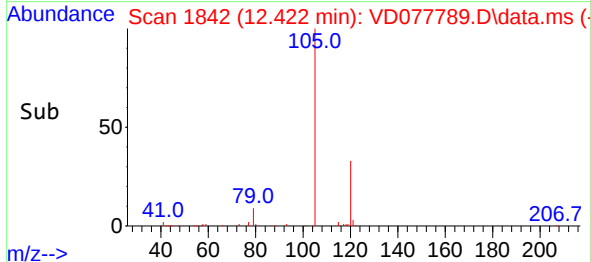
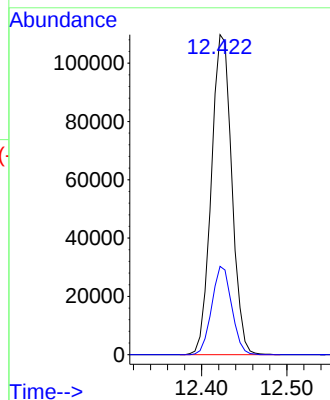
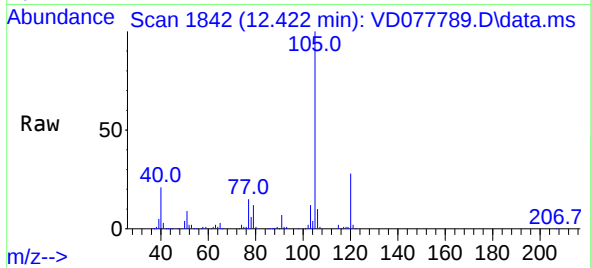




#73
Isopropylbenzene
Concen: 19.233 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

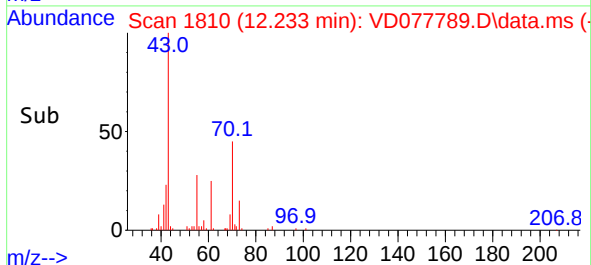
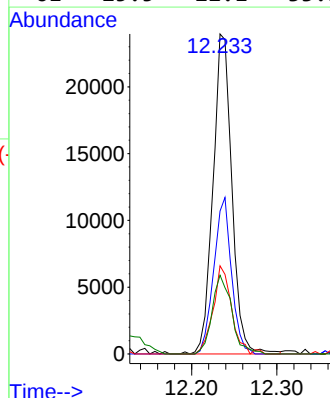
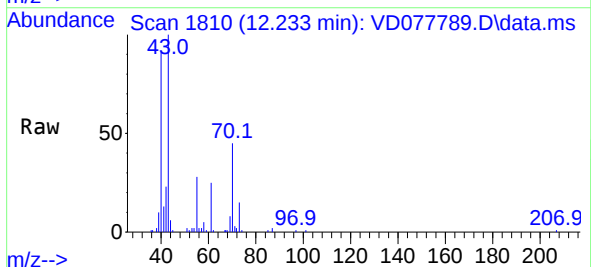
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

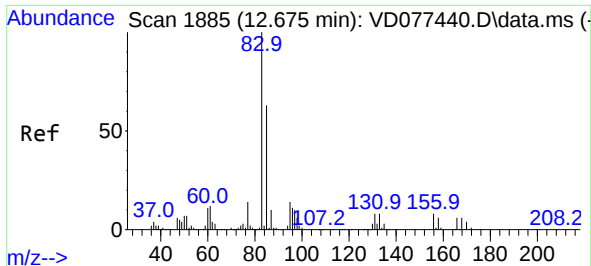
Tgt Ion:105 Resp: 183344
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9



#74
N-ethyl acetate
Concen: 19.718 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 43 Resp: 36949
Ion Ratio Lower Upper
43 100
70 45.8 45.0 67.4
55 27.0 23.8 35.6
61 25.5 22.1 33.1

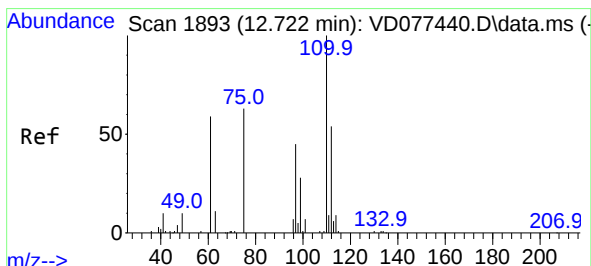
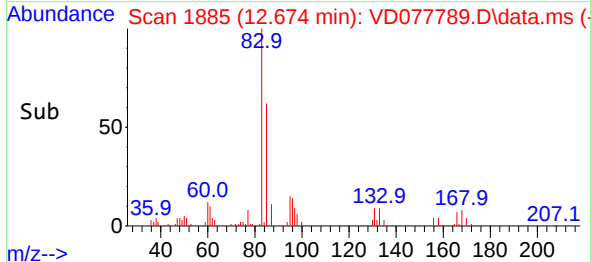
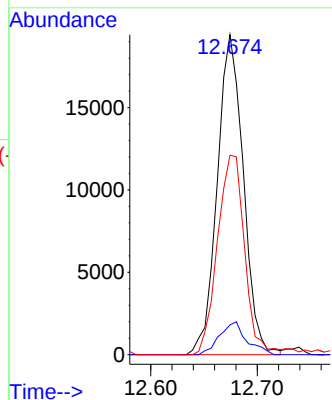
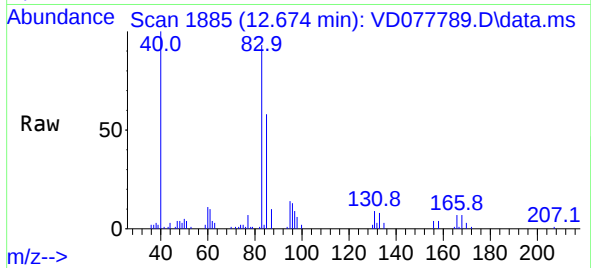




#75
1,1,2,2-Tetrachloroethane
Concen: 19.896 ug/l
RT: 12.674 min Scan# 1885
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

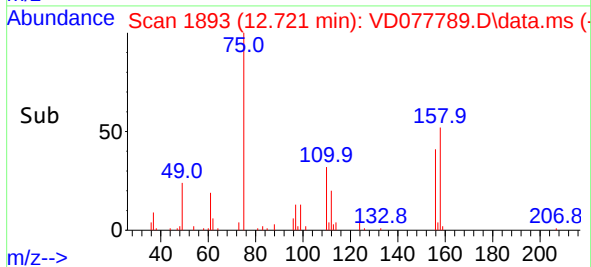
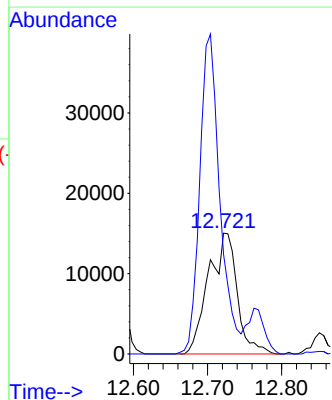
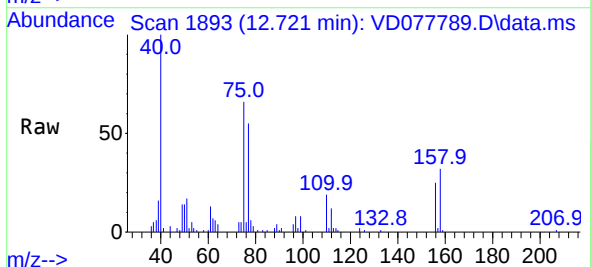
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

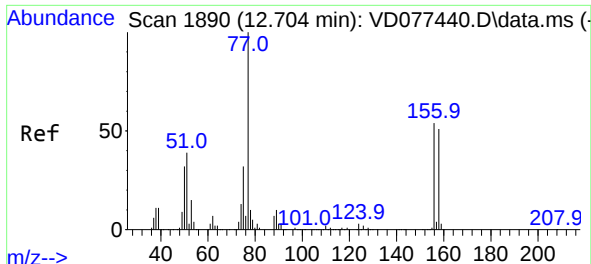
Tgt Ion: 83 Resp: 33070
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 65.5 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 36.943 ug/l
RT: 12.721 min Scan# 1893
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 75 Resp: 40355
Ion Ratio Lower Upper
75 100
77 186.1 0.0 0.0#

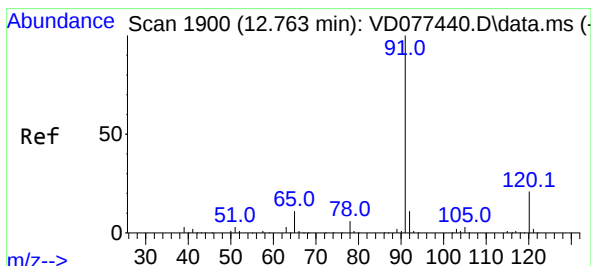
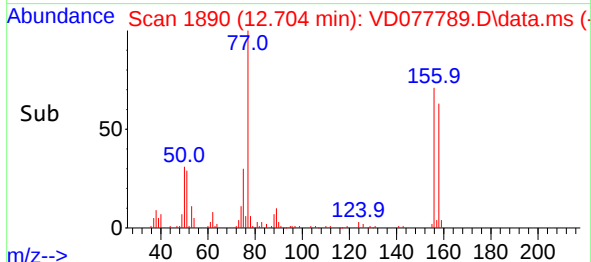
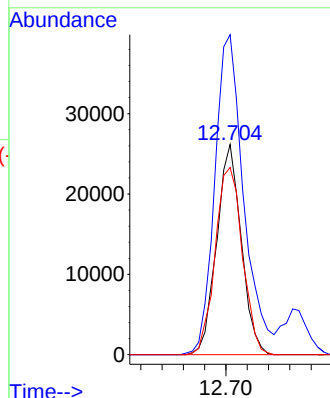
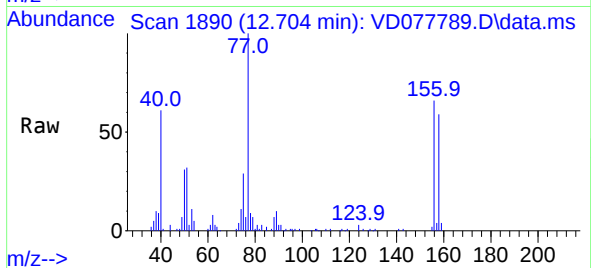




#77
Bromobenzene
Concen: 18.710 ug/l
RT: 12.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

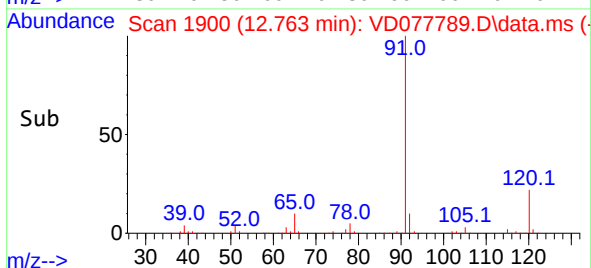
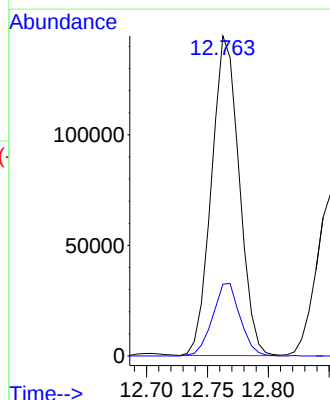
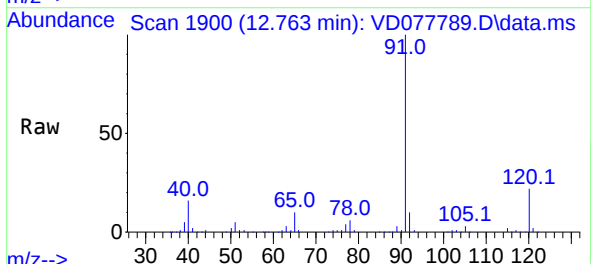
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

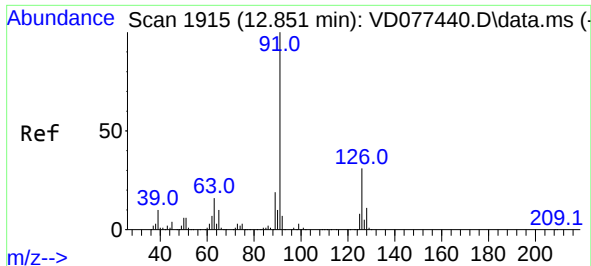
Tgt Ion:156 Resp: 41951
Ion Ratio Lower Upper
156 100
77 179.0 76.8 230.4
158 98.5 48.6 145.9



#78
n-propylbenzene
Concen: 19.632 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 91 Resp: 228042
Ion Ratio Lower Upper
91 100
120 22.6 12.4 37.2

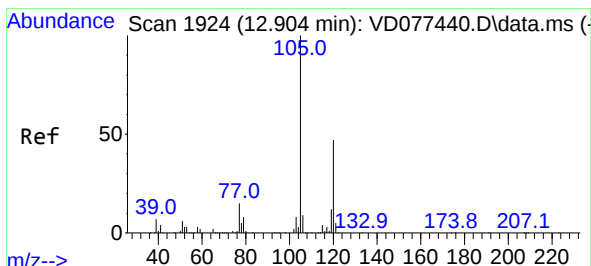
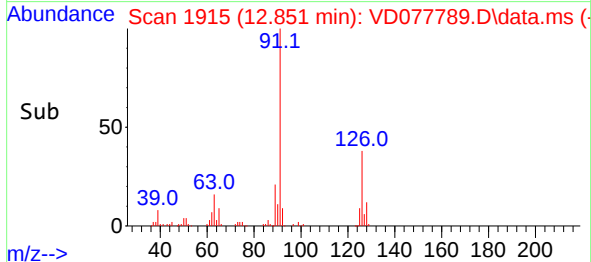
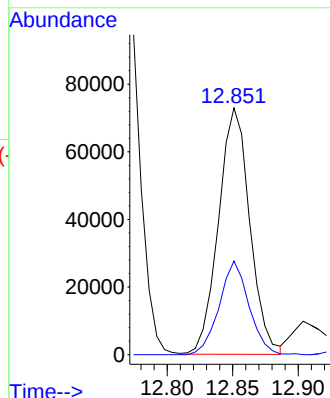
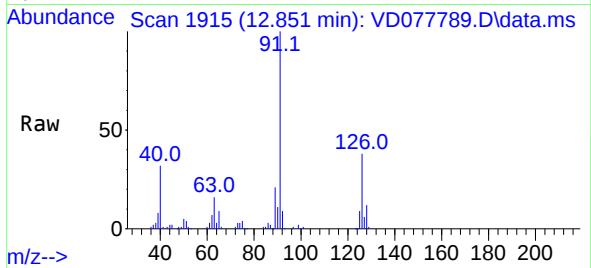




#79
2-Chlorotoluene
Concen: 19.435 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

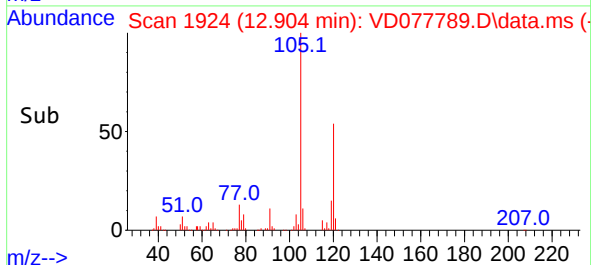
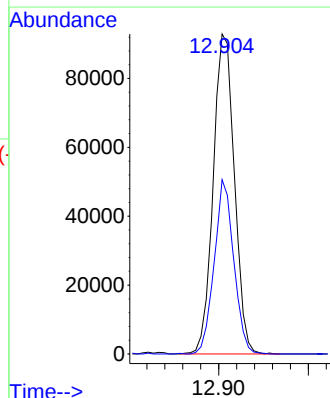
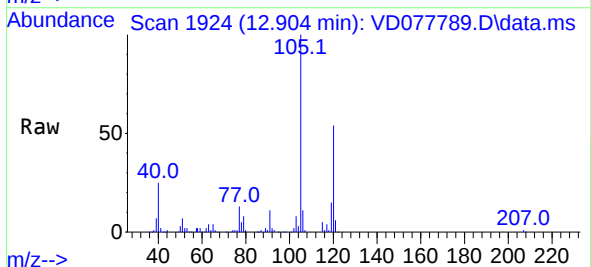
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

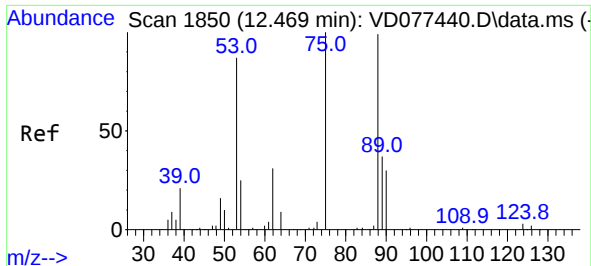
Tgt Ion: 91 Resp: 120981
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.120 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 105 Resp: 152010
Ion Ratio Lower Upper
105 100
120 50.3 26.4 79.2

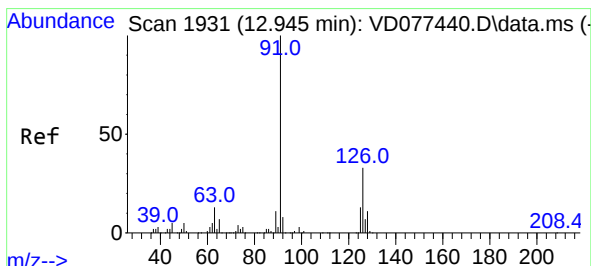
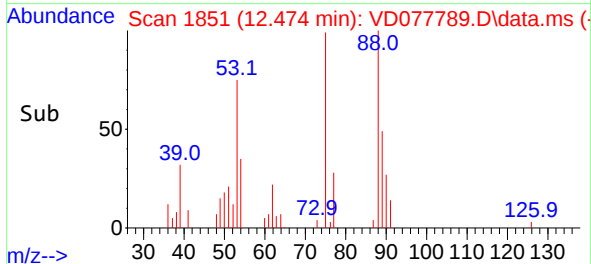
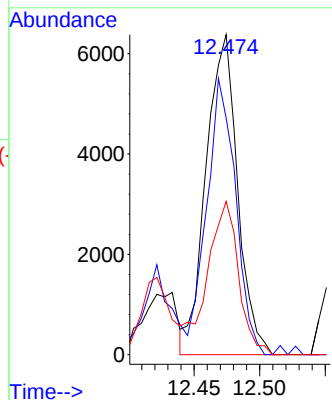
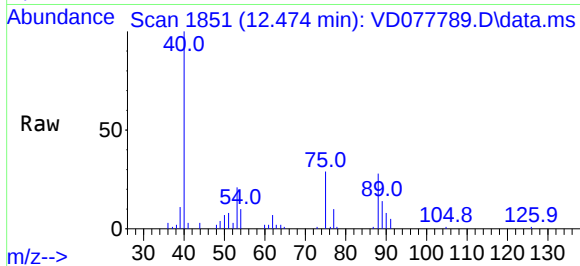




#81
trans-1,4-Dichloro-2-butene
Concen: 19.783 ug/l
RT: 12.474 min Scan# 1851
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

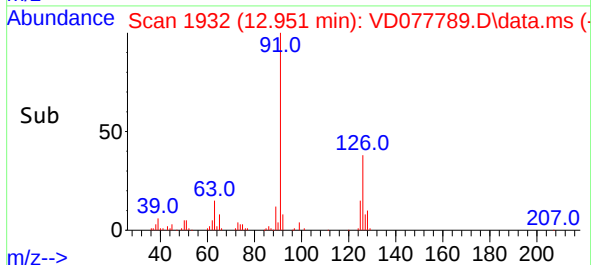
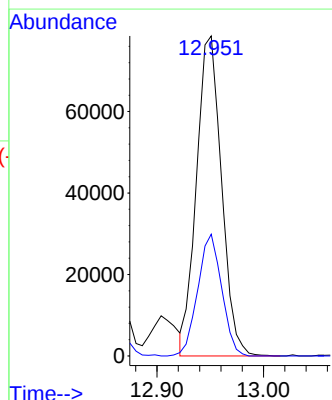
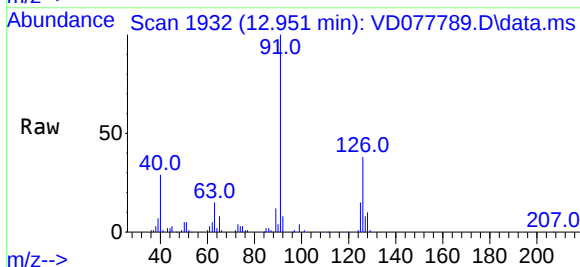
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

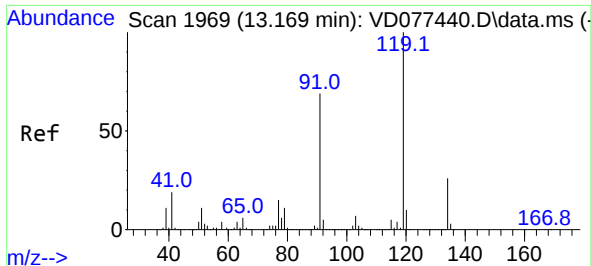
Tgt Ion: 75 Resp: 10666
Ion Ratio Lower Upper
75 100
53 78.7 63.0 94.4
89 43.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 19.767 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 91 Resp: 128638
Ion Ratio Lower Upper
91 100
126 36.3 19.4 58.4

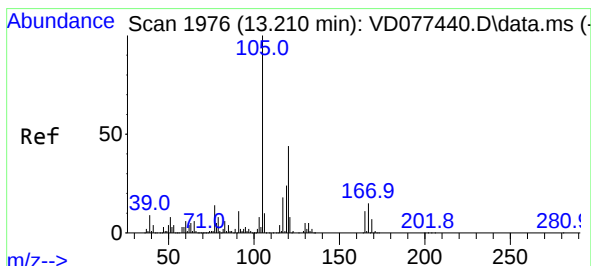
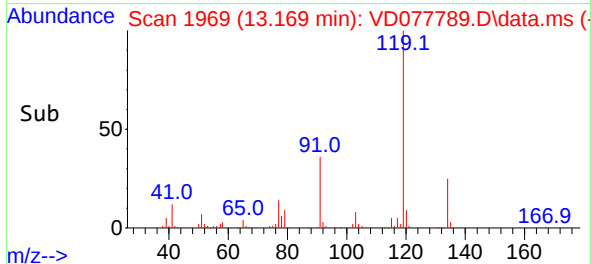
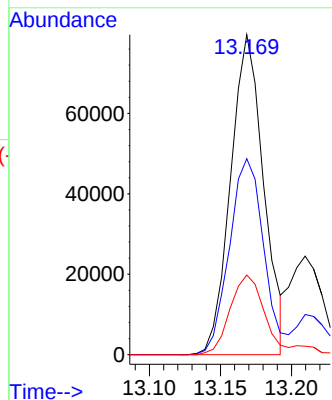
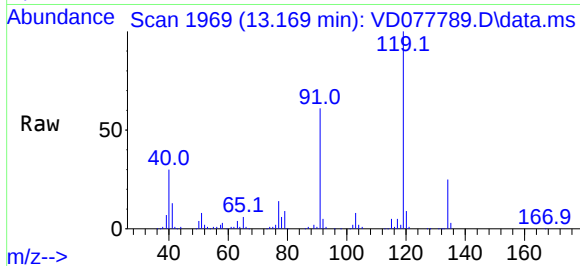




#83
tert-Butylbenzene
Concen: 19.164 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

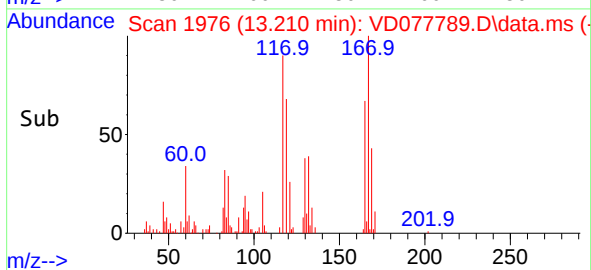
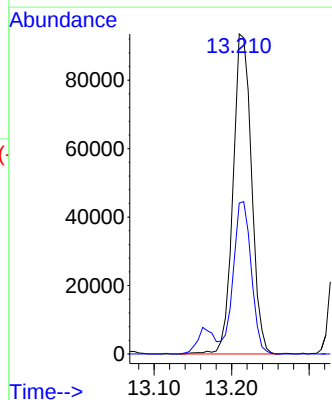
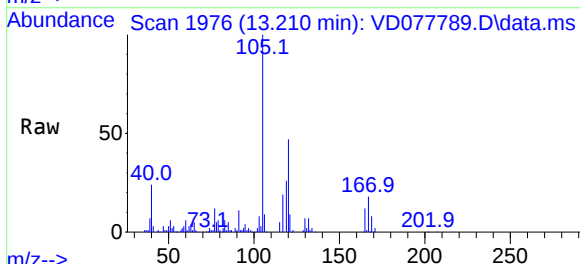
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

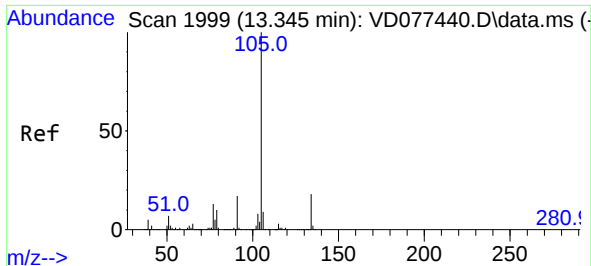
Tgt Ion:119 Resp: 128632
Ion Ratio Lower Upper
119 100
91 64.3 29.3 87.8
134 25.5 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 19.528 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion:105 Resp: 155288
Ion Ratio Lower Upper
105 100
120 46.9 24.3 72.9

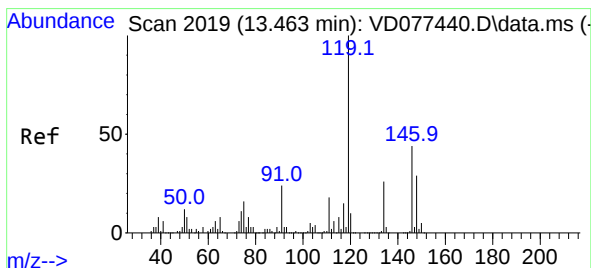
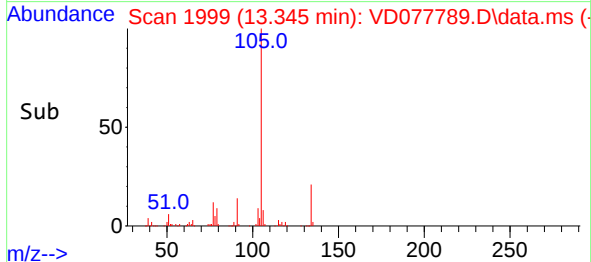
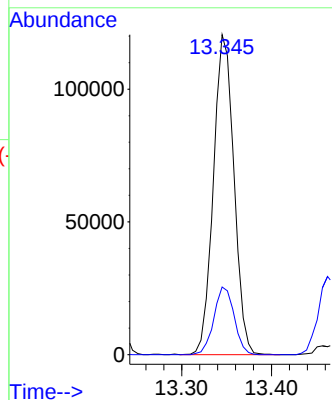
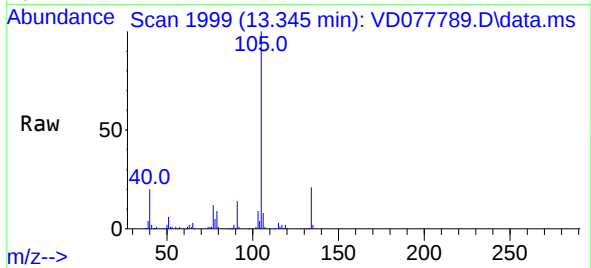




#85
sec-Butylbenzene
Concen: 19.316 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

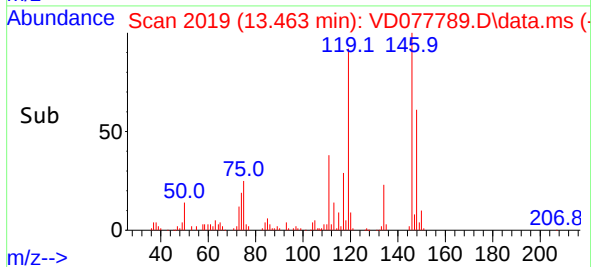
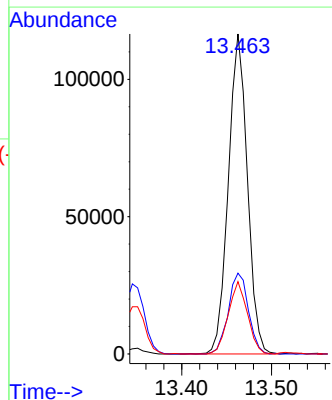
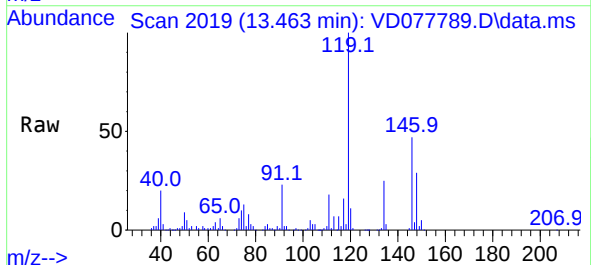
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

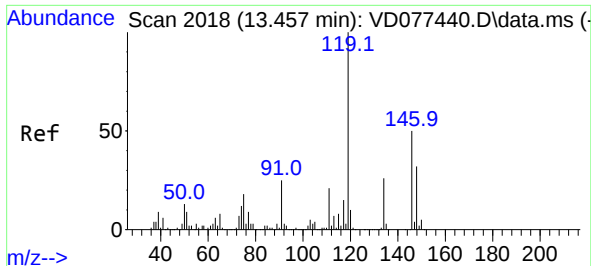
Tgt Ion:105 Resp: 191647
Ion Ratio Lower Upper
105 100
134 20.9 10.9 32.9



#86
p-Isopropyltoluene
Concen: 19.289 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion:119 Resp: 171343
Ion Ratio Lower Upper
119 100
134 26.8 14.2 42.6
91 22.9 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 19.140 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

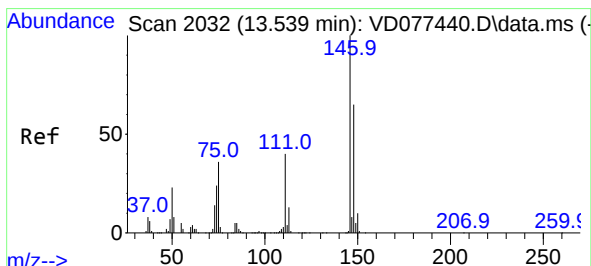
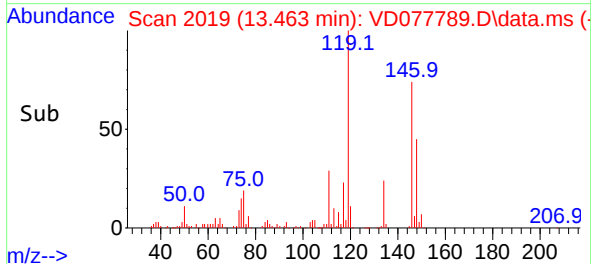
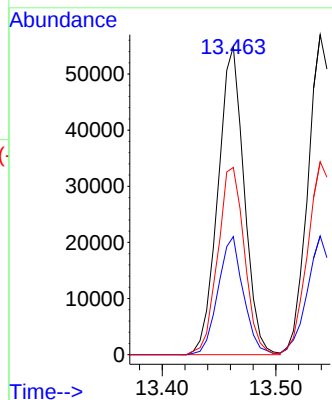
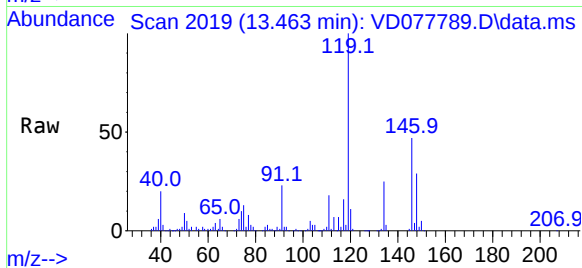
Tgt Ion:146 Resp: 87761

Ion Ratio Lower Upper

146 100

111 37.0 17.9 53.8

148 61.9 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 18.971 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

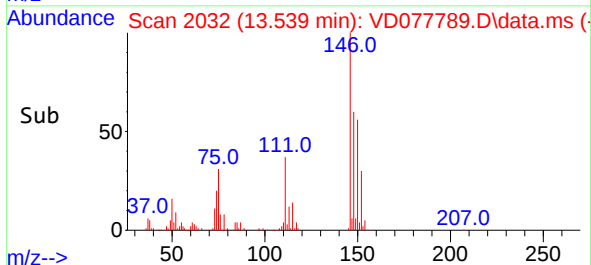
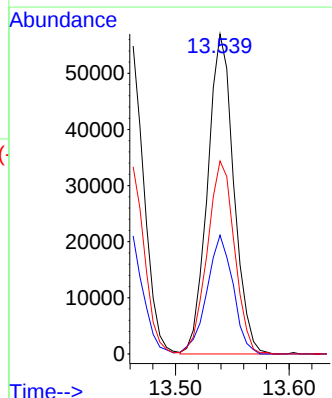
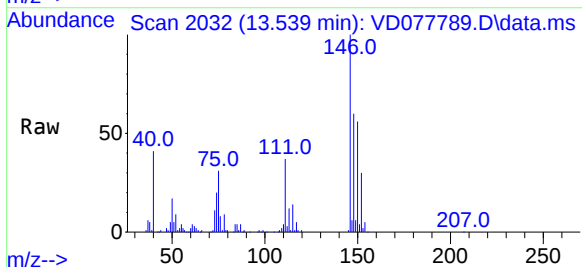
Tgt Ion:146 Resp: 91384

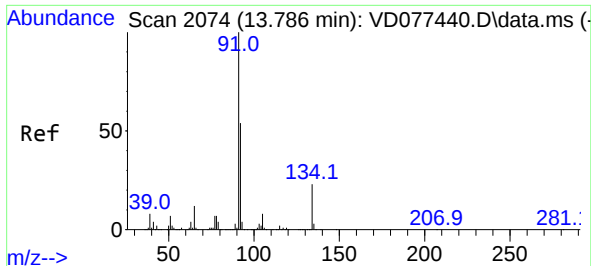
Ion Ratio Lower Upper

146 100

111 37.2 17.4 52.3

148 62.6 31.7 95.1

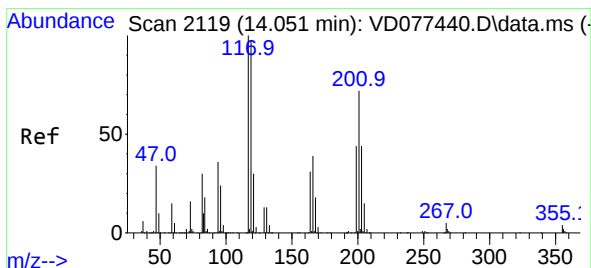
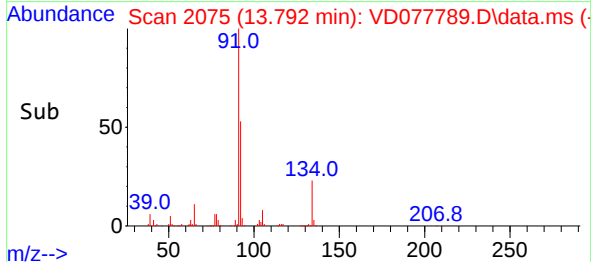
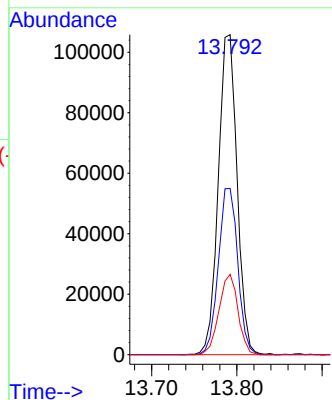
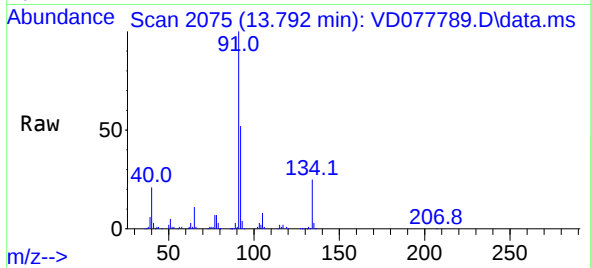




#89
n-Butylbenzene
Concen: 19.431 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

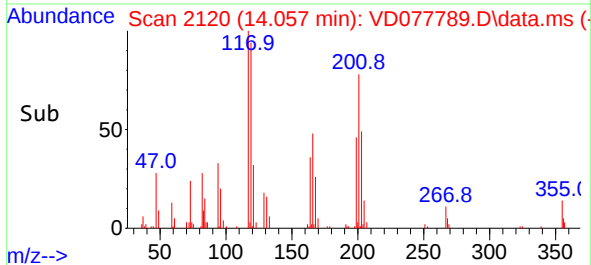
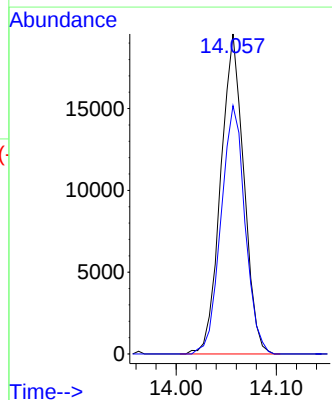
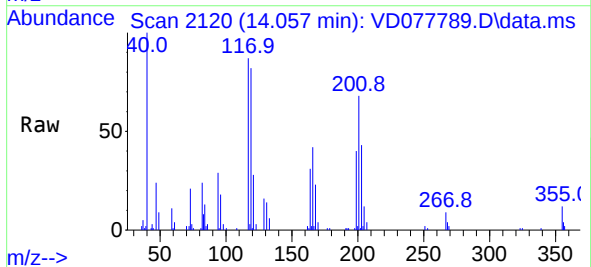
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

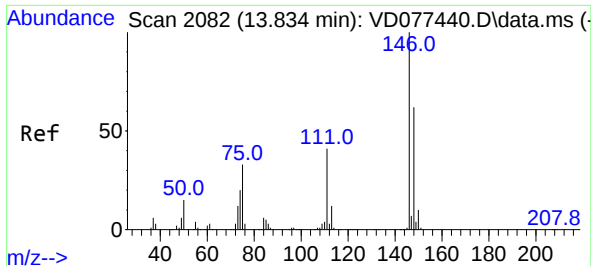
Tgt Ion: 91 Resp: 162411
Ion Ratio Lower Upper
91 100
92 53.5 26.5 79.5
134 25.4 13.8 41.3



#90
Hexachloroethane
Concen: 19.155 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 117 Resp: 31292
Ion Ratio Lower Upper
117 100
201 80.4 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 19.191 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.001 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

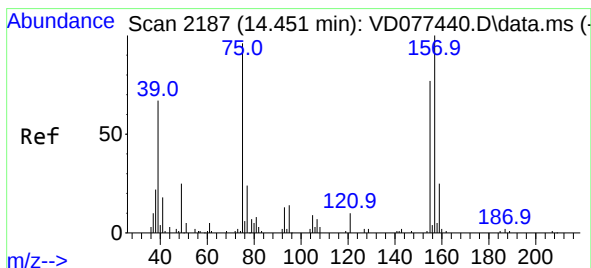
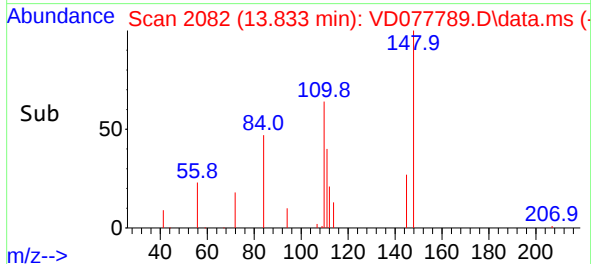
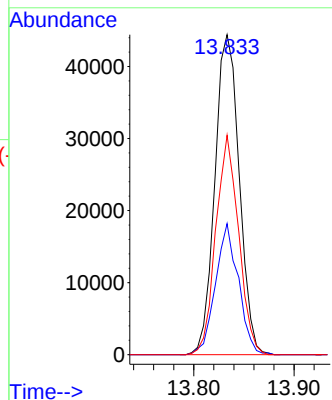
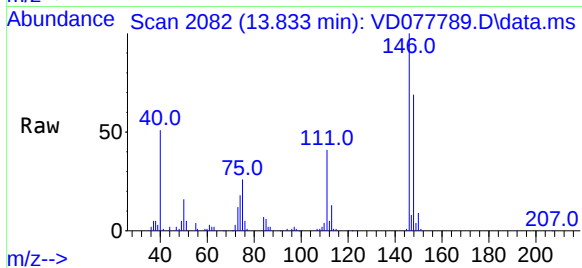
Tgt Ion:146 Resp: 74839

Ion Ratio Lower Upper

146 100

111 38.6 18.3 54.8

148 64.2 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.805 ug/l

RT: 14.457 min Scan# 2188

Delta R.T. 0.006 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

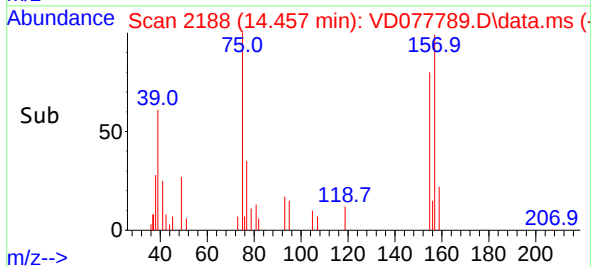
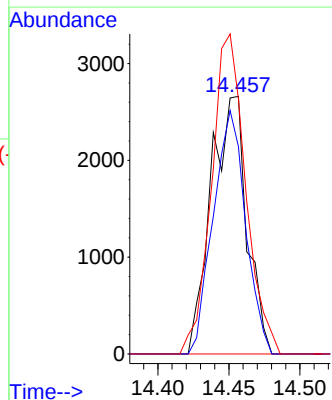
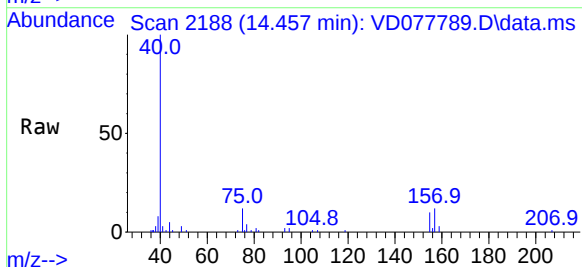
Tgt Ion: 75 Resp: 4675

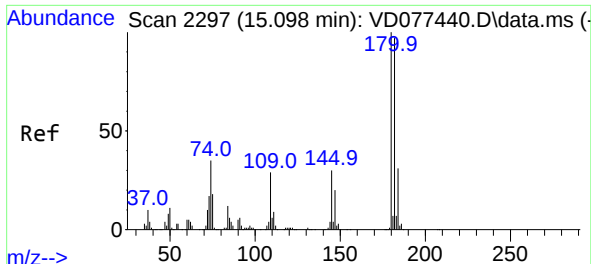
Ion Ratio Lower Upper

75 100

155 84.9 47.9 143.8

157 117.9 59.9 179.7

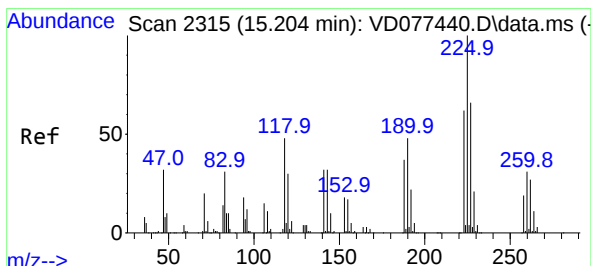
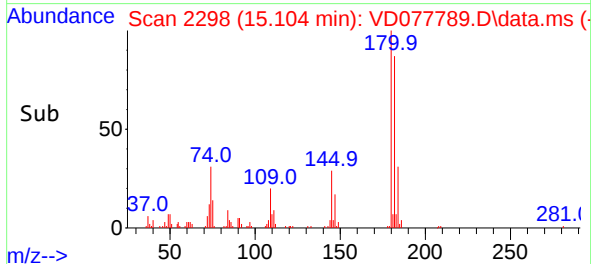
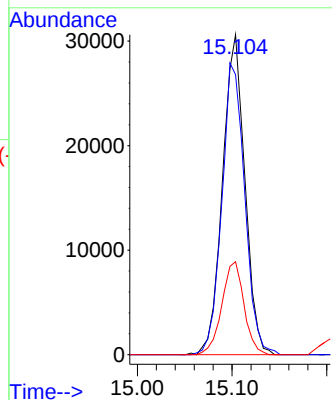
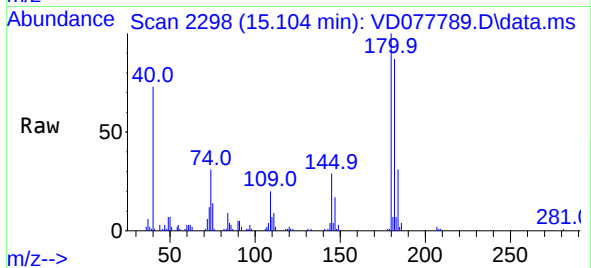




#93
1,2,4-Trichlorobenzene
Concen: 18.803 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

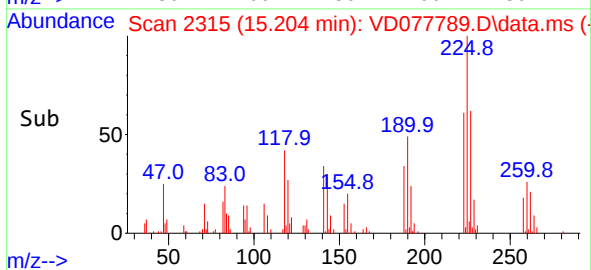
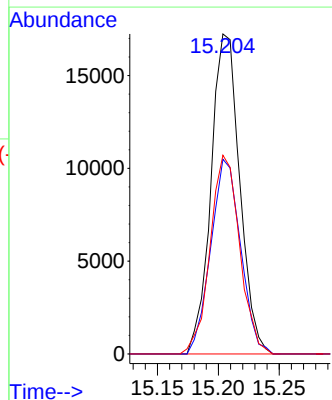
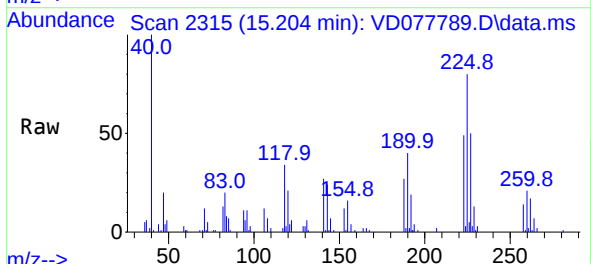
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

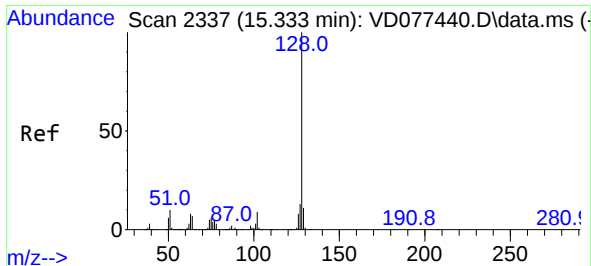
Tgt Ion:180 Resp: 50085
Ion Ratio Lower Upper
180 100
182 93.5 48.5 145.6
145 28.9 14.2 42.6



#94
Hexachlorobutadiene
Concen: 19.692 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion:225 Resp: 28285
Ion Ratio Lower Upper
225 100
223 63.0 31.6 94.8
227 63.8 31.7 95.1

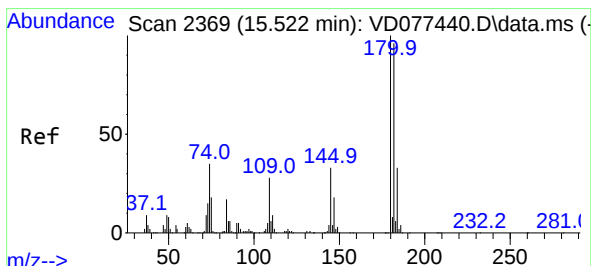
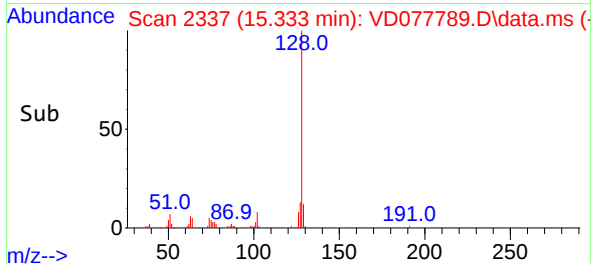
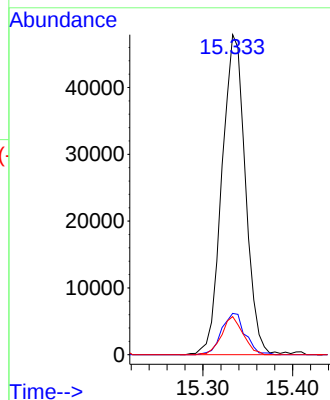
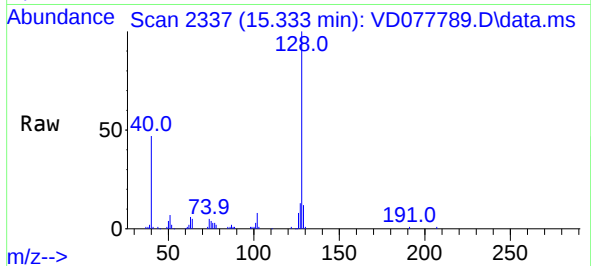




#95
Naphthalene
Concen: 19.607 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:	128	Resp:	86776
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.866 ug/l
RT: 15.527 min Scan# 2370
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion:	180	Resp:	43626
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	141.9
145	30.5	15.1	45.3

