

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060425\
 Data File : VD080405.D
 Acq On : 04 Jun 2025 09:29
 Operator : RP/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 05 01:58:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060425S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 05 01:47:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	158121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	265715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	198032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	99957	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	38473	20.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	40.100%#
35) Dibromofluoromethane	7.811	113	33899	20.414	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.820%#
50) Toluene-d8	10.270	98	114348	17.625	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	35.240%#
62) 4-Bromofluorobenzene	12.570	95	41226	20.235	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	40.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	35141	20.419	ug/l	93
3) Chloromethane	2.153	50	65224	21.472	ug/l	99
4) Vinyl Chloride	2.288	62	70291	20.622	ug/l	93
5) Bromomethane	2.688	94	44600	20.833	ug/l	99
6) Chloroethane	2.841	64	46230	20.959	ug/l	95
7) Trichlorofluoromethane	3.176	101	64640	20.993	ug/l	98
8) Diethyl Ether	3.594	74	20725	20.356	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.970	101	36642	20.010	ug/l	99
10) Methyl Iodide	4.165	142	36150	19.392	ug/l	100
11) Tert butyl alcohol	5.047	59	11855	98.839	ug/l	96
12) 1,1-Dichloroethene	3.941	96	36471	19.454	ug/l	94
13) Acrolein	3.794	56	18844	103.006	ug/l	100
14) Allyl chloride	4.570	41	62592	19.793	ug/l	98
15) Acrylonitrile	5.253	53	45904	98.586	ug/l	99
16) Acetone	4.023	43	37233	95.011	ug/l	94
17) Carbon Disulfide	4.276	76	134155	20.558	ug/l	100
18) Methyl Acetate	4.559	43	27008	20.955	ug/l	98
19) Methyl tert-butyl Ether	5.317	73	82621	19.704	ug/l	95
20) Methylene Chloride	4.806	84	45521	19.897	ug/l	97
21) trans-1,2-Dichloroethene	5.312	96	40689	20.104	ug/l	97
22) Diisopropyl ether	6.217	45	129153	20.656	ug/l	95
23) Vinyl Acetate	6.159	43	352849	97.544	ug/l	99
24) 1,1-Dichloroethane	6.117	63	77553	20.509	ug/l	99
25) 2-Butanone	7.082	43	55642	96.971	ug/l	96
26) 2,2-Dichloropropane	7.082	77	59976	19.918	ug/l	99
27) cis-1,2-Dichloroethene	7.076	96	45674	20.037	ug/l	99
28) Bromochloromethane	7.429	49	34944	20.885	ug/l #	94
29) Tetrahydrofuran	7.441	42	36561	99.038	ug/l	96
30) Chloroform	7.600	83	73711	20.082	ug/l	99
31) Cyclohexane	7.882	56	65712	19.208	ug/l	97
32) 1,1,1-Trichloroethane	7.794	97	61196	19.937	ug/l	97
36) 1,1-Dichloropropene	8.006	75	51648	19.845	ug/l	98
37) Ethyl Acetate	7.170	43	23829	18.685	ug/l #	93
38) Carbon Tetrachloride	7.988	117	53869	20.477	ug/l	96
39) Methylcyclohexane	9.276	83	56107	18.200	ug/l	99
40) Benzene	8.253	78	162687	20.076	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	13650m	17.378	ug/l	
42) 1,2-Dichloroethane	8.323	62	44281	20.071	ug/l	98
43) Isopropyl Acetate	8.358	43	47393	19.546	ug/l	99
44) Trichloroethene	9.023	130	36581	19.489	ug/l	94
45) 1,2-Dichloropropane	9.305	63	37248	18.665	ug/l	99
46) Dibromomethane	9.388	93	19445	18.303	ug/l	96
47) Bromodichloromethane	9.582	83	50309	18.645	ug/l	91
48) Methyl methacrylate	9.382	41	22259	18.718	ug/l	96
49) 1,4-Dioxane	9.388	88	4131	348.565	ug/l #	93
51) 4-Methyl-2-Pentanone	10.158	43	114898	92.755	ug/l	98
52) Toluene	10.329	92	80412	17.060	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	41901	17.404	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	53718	18.435	ug/l	96
55) 1,1,2-Trichloroethane	10.729	97	23700	17.132	ug/l	96
56) Ethyl methacrylate	10.600	69	29333	16.682	ug/l	96
57) 1,3-Dichloropropane	10.876	76	42201	17.785	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.870	63	69714	94.605	ug/l	99
59) 2-Hexanone	10.917	43	74277	89.266	ug/l	94
60) Dibromochloromethane	11.070	129	29153	17.190	ug/l	100
61) 1,2-Dibromoethane	11.176	107	21018	17.033	ug/l	99
64) Tetrachloroethene	10.811	164	24713	18.586	ug/l	94
65) Chlorobenzene	11.605	112	86556	19.761	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.676	131	28547	19.412	ug/l	98
67) Ethyl Benzene	11.682	91	145075	19.246	ug/l	100
68) m/p-Xylenes	11.794	106	115071	40.228	ug/l	100
69) o-Xylene	12.117	106	49736	18.739	ug/l	93
70) Styrene	12.135	104	93687	19.999	ug/l	98
71) Bromoform	12.299	173	15887	19.110	ug/l #	94
73) Isopropylbenzene	12.417	105	146828	21.640	ug/l	98
74) N-amyl acetate	12.229	43	38405	20.273	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.670	83	32595	23.225	ug/l	97
76) 1,2,3-Trichloropropane	12.723	75	23796m	20.614	ug/l	
77) Bromobenzene	12.694	156	38925	23.136	ug/l	98
78) n-propylbenzene	12.758	91	197652	22.432	ug/l	99
79) 2-Chlorotoluene	12.846	91	110298	21.895	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	126806	21.832	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	12063	23.393	ug/l	95
82) 4-Chlorotoluene	12.946	91	123368	23.004	ug/l	99
83) tert-Butylbenzene	13.164	119	105169	21.753	ug/l	99
84) 1,2,4-Trimethylbenzene	13.205	105	127359	21.724	ug/l	100
85) sec-Butylbenzene	13.341	105	150089	20.238	ug/l	99
86) p-Isopropyltoluene	13.458	119	120274	19.125	ug/l	99
87) 1,3-Dichlorobenzene	13.452	146	66554	19.425	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	65675	18.819	ug/l	97
89) n-Butylbenzene	13.782	91	116206	18.726	ug/l	99
90) Hexachloroethane	14.046	117	25860	19.550	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	59314	19.643	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.441	75	4388	19.305	ug/l	99
93) 1,2,4-Trichlorobenzene	15.099	180	35929	19.463	ug/l	97
94) Hexachlorobutadiene	15.193	225	17323	18.835	ug/l	95
95) Naphthalene	15.329	128	65931	18.557	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	31847	19.267	ug/l	98

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QLast Update : Thu Jun 05 01:47:12 2025
Response via : Initial Calibration

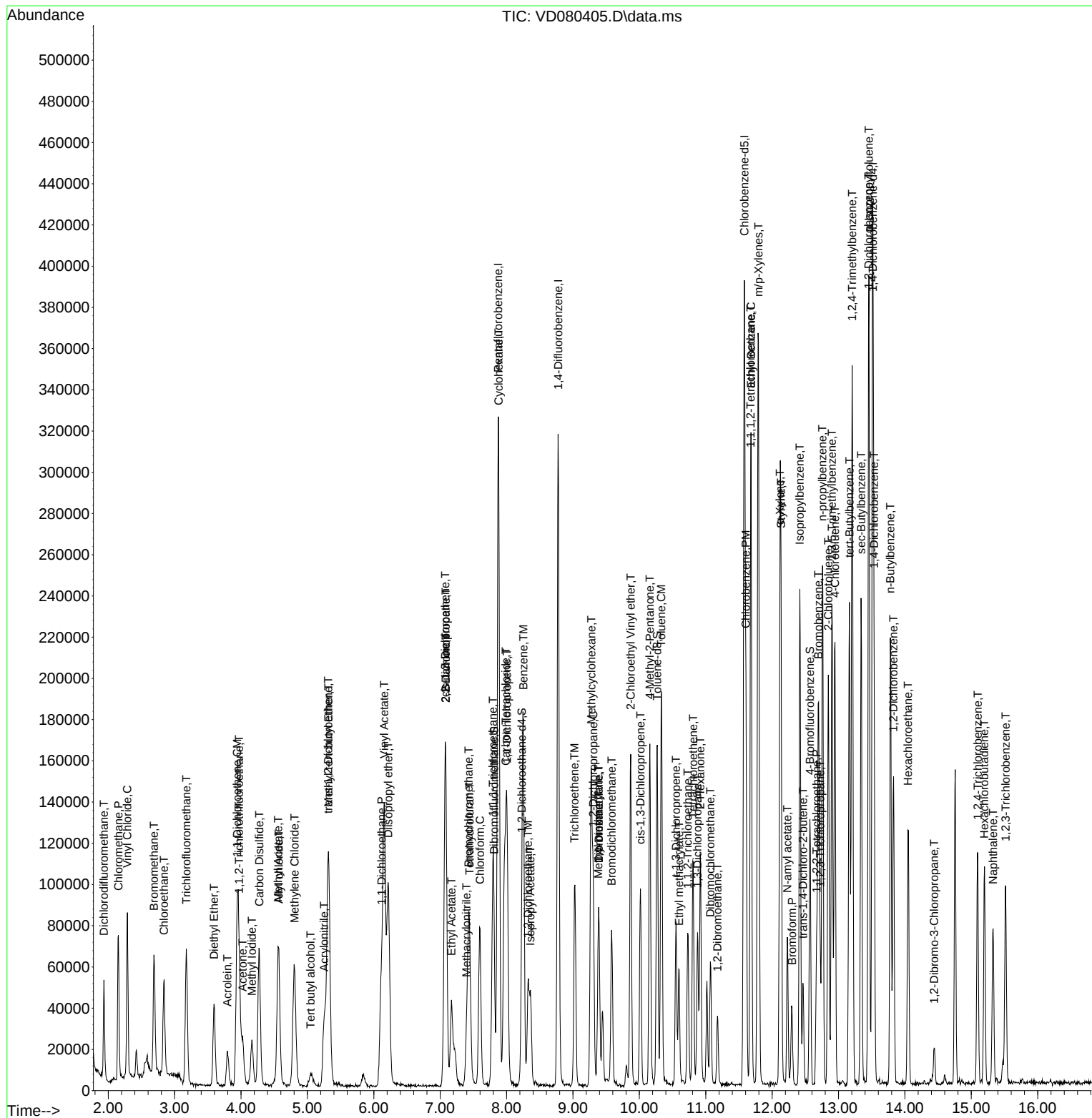
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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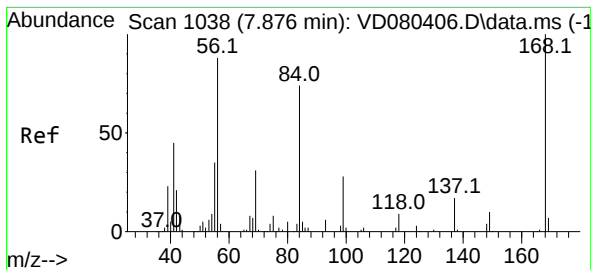
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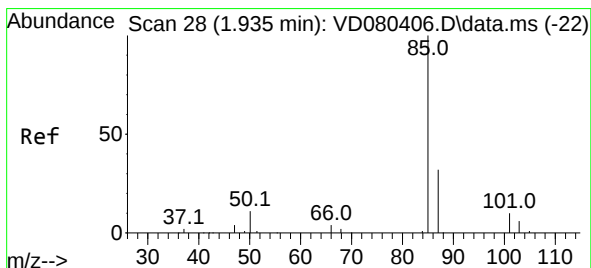
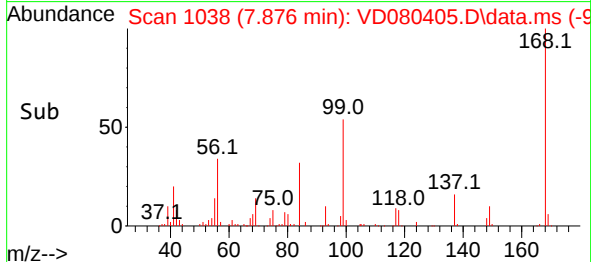
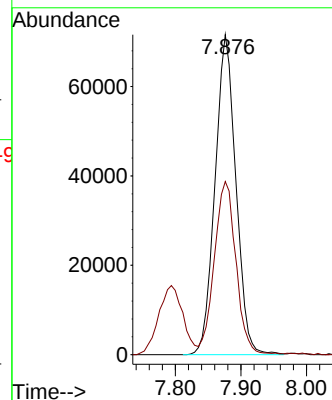
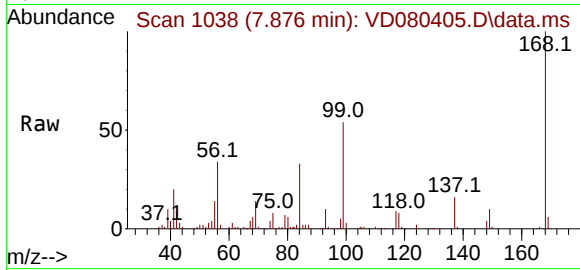




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080405.D
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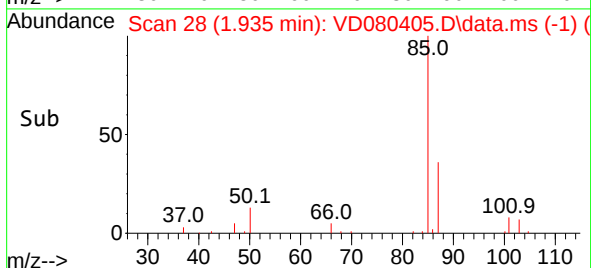
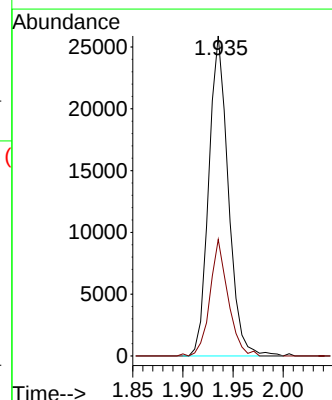
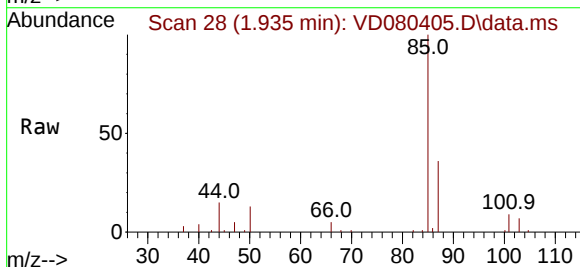
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

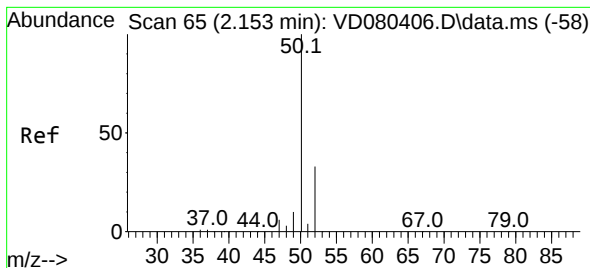
Tgt Ion:168 Resp: 158121
Ion Ratio Lower Upper
168 100
99 53.9 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 20.419 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion: 85 Resp: 35141
Ion Ratio Lower Upper
85 100
87 36.4 16.2 48.5





#3

Chloromethane

Concen: 21.472 ug/l

RT: 2.153 min Scan# 65

Delta R.T. 0.000 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

Instrument :

MSVOA_D

ClientSampleId :

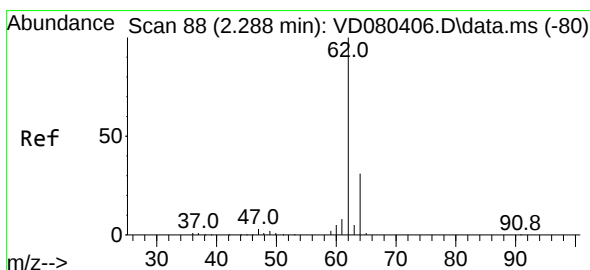
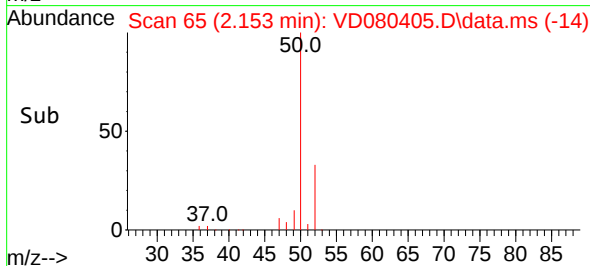
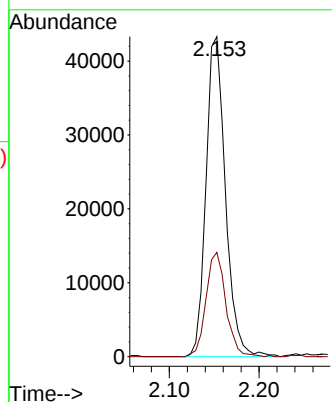
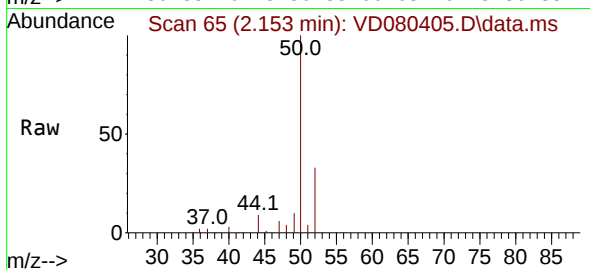
VSTDICC020

Tgt Ion: 50 Resp: 65224

Ion Ratio Lower Upper

50 100

52 32.6 26.7 40.1



#4

Vinyl Chloride

Concen: 20.622 ug/l

RT: 2.288 min Scan# 88

Delta R.T. 0.000 min

Lab File: VD080405.D

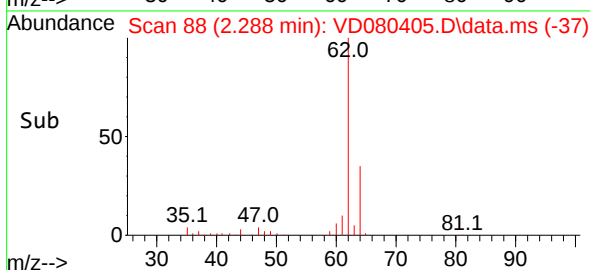
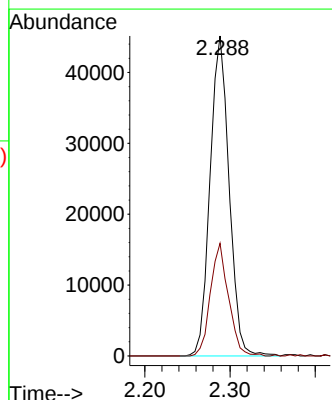
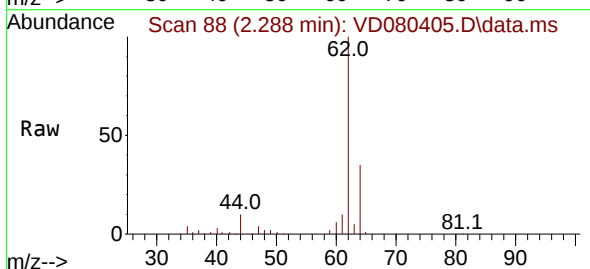
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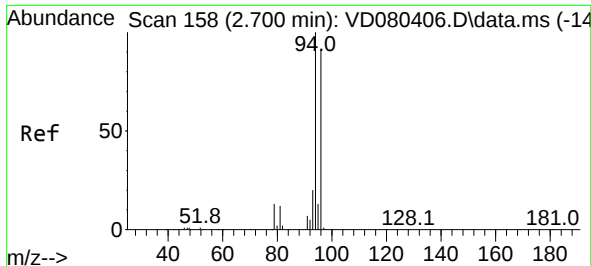
Tgt Ion: 62 Resp: 70291

Ion Ratio Lower Upper

62 100

64 35.2 25.0 37.6

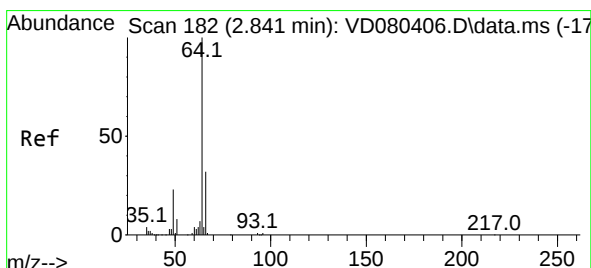
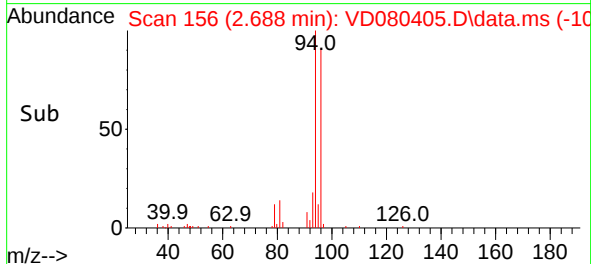
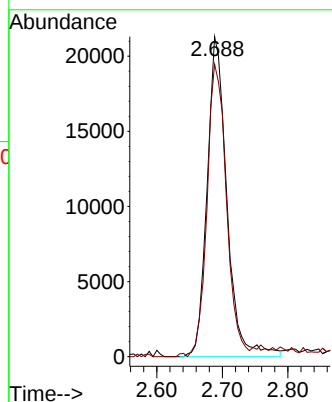
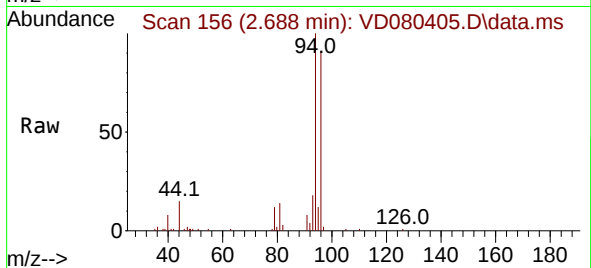




#5
Bromomethane
Concen: 20.833 ug/l
RT: 2.688 min Scan# 156
Delta R.T. -0.012 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

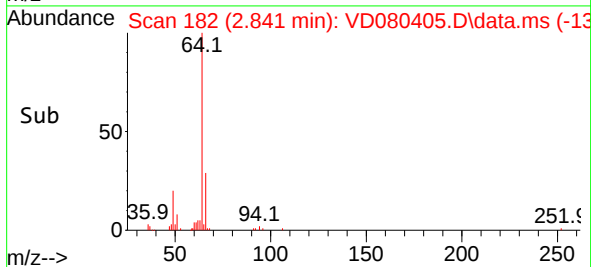
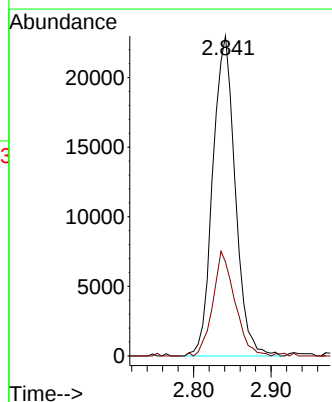
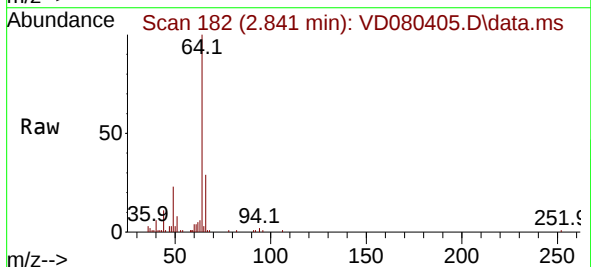
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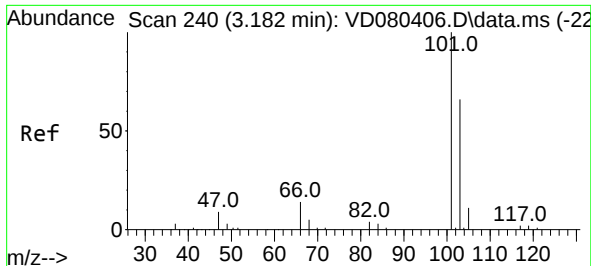
Tgt Ion: 94 Resp: 44600
Ion Ratio Lower Upper
94 100
96 90.1 73.1 109.7



#6
Chloroethane
Concen: 20.959 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion: 64 Resp: 46230
Ion Ratio Lower Upper
64 100
66 29.3 25.5 38.3

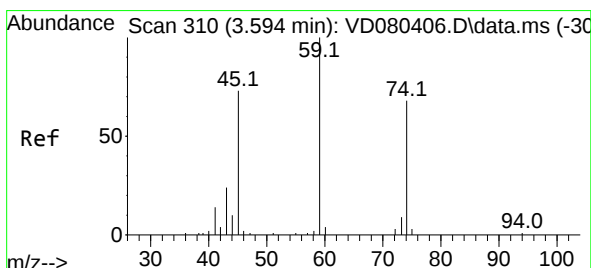
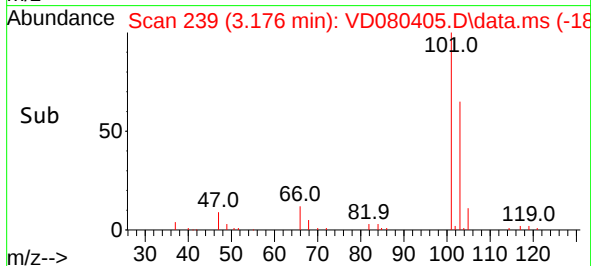
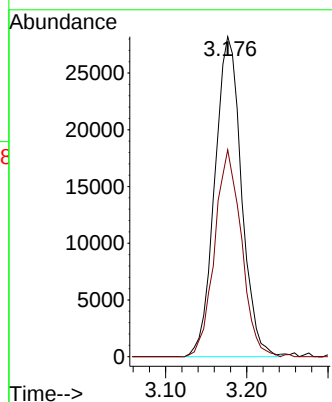
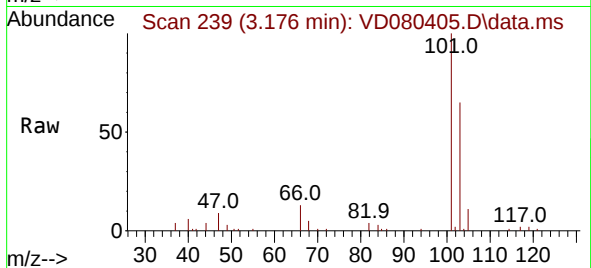




#7
 Trichlorofluoromethane
 Concen: 20.993 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD080405.D
 Acq: 04 Jun 2025 09:29

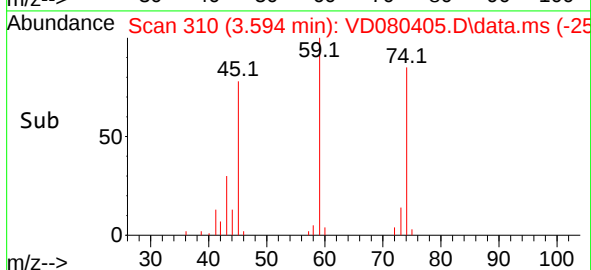
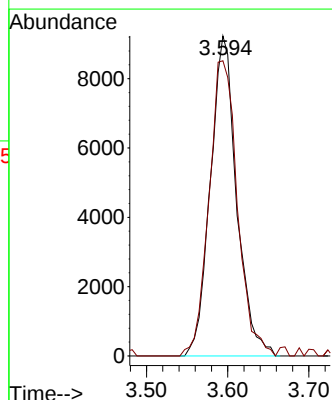
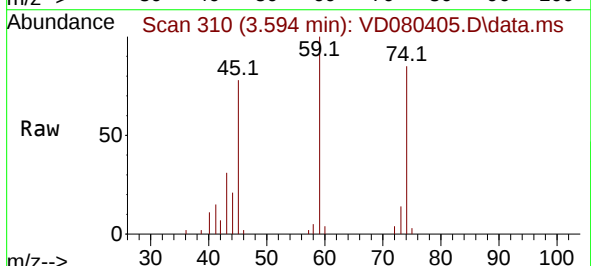
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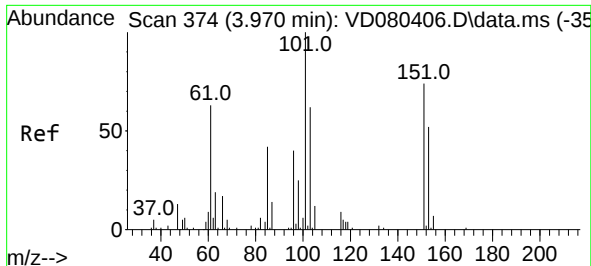
Tgt Ion:101 Resp: 64640
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.7 79.1



#8
 Diethyl Ether
 Concen: 20.356 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VD080405.D
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Tgt Ion: 74 Resp: 20725
 Ion Ratio Lower Upper
 74 100
 45 99.9 51.8 155.5

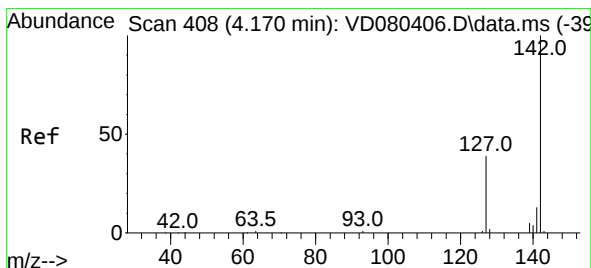
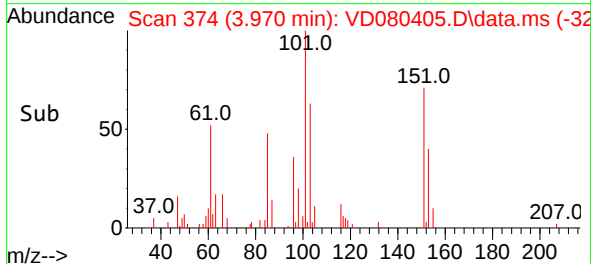
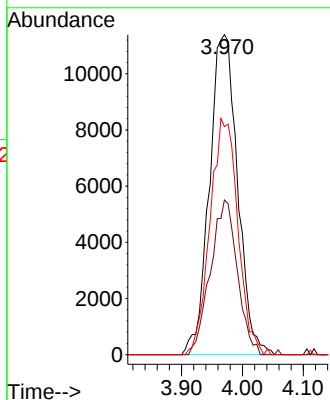
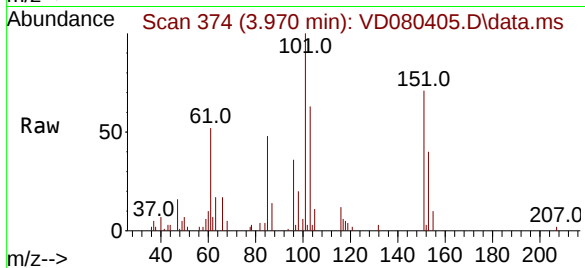




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.010 ug/l
RT: 3.970 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

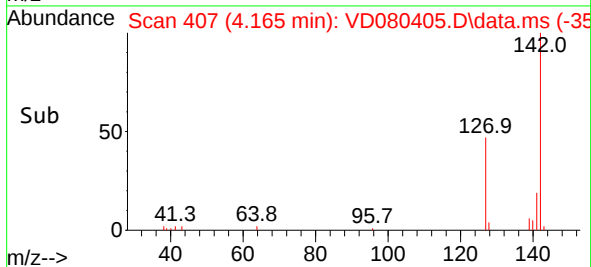
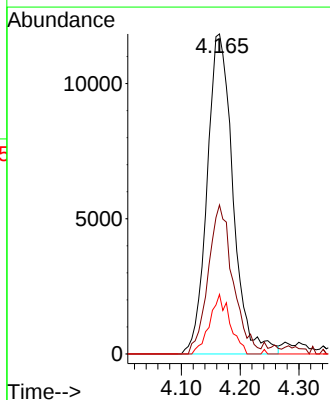
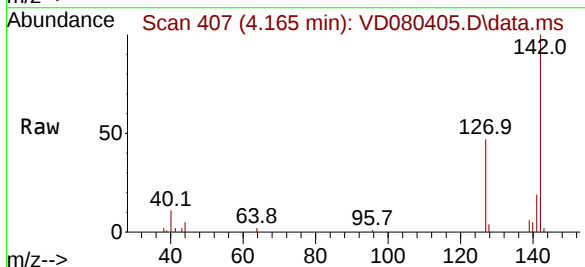
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

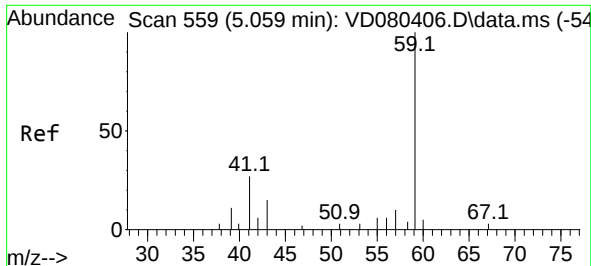
Tgt Ion:101 Resp: 36642
Ion Ratio Lower Upper
101 100
85 46.0 36.6 55.0
151 72.9 59.2 88.8



#10
Methyl Iodide
Concen: 19.392 ug/l
RT: 4.165 min Scan# 407
Delta R.T. -0.006 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion:142 Resp: 36150
Ion Ratio Lower Upper
142 100
127 44.7 35.8 53.8
141 14.7 12.0 18.0





#11

Tert butyl alcohol

Concen: 98.839 ug/l

RT: 5.047 min Scan# 51

Delta R.T. -0.012 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

Instrument :

MSVOA_D

ClientSampleId :

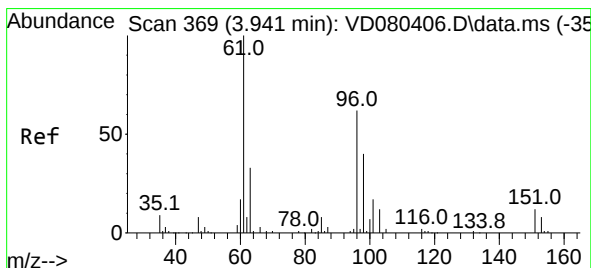
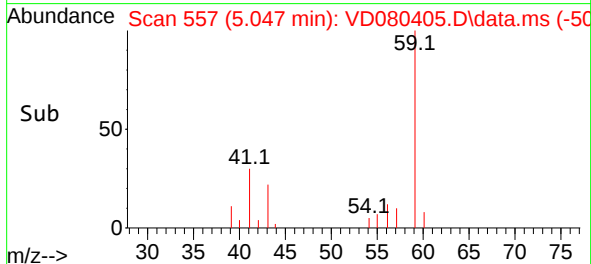
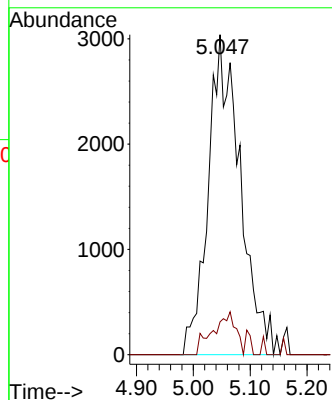
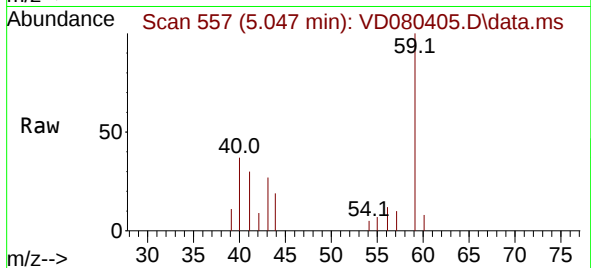
VSTDIC020

Tgt Ion: 59 Resp: 11855

Ion Ratio Lower Upper

59 100

57 9.6 6.4 9.6



#12

1,1-Dichloroethene

Concen: 19.454 ug/l

RT: 3.941 min Scan# 369

Delta R.T. 0.000 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

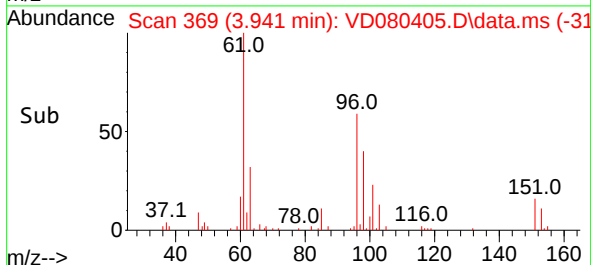
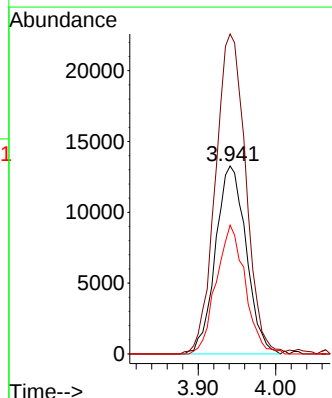
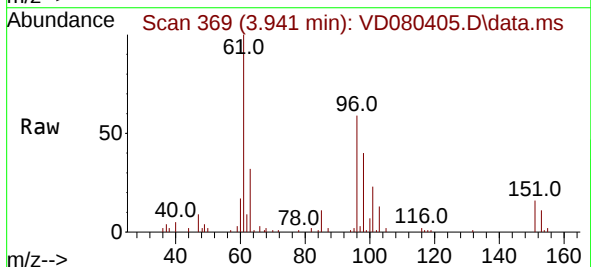
Tgt Ion: 96 Resp: 36471

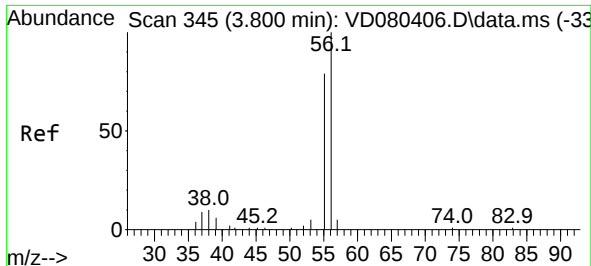
Ion Ratio Lower Upper

96 100

61 170.2 129.7 194.5

98 68.5 52.0 78.0





#13

Acrolein

Concen: 103.006 ug/l

RT: 3.794 min Scan# 34

Delta R.T. -0.006 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

Instrument :

MSVOA_D

ClientSampleId :

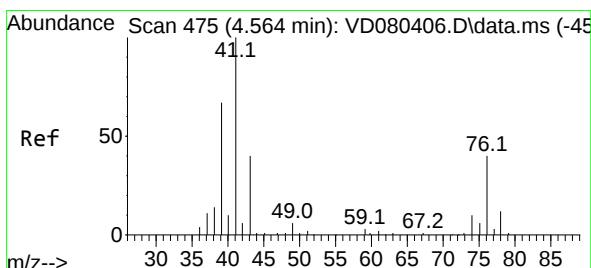
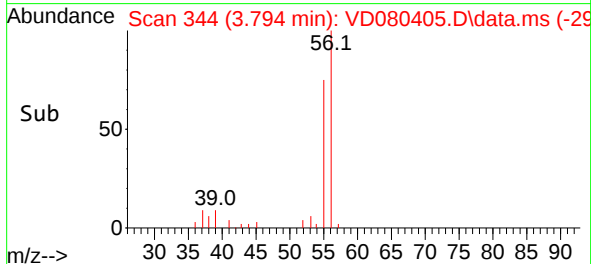
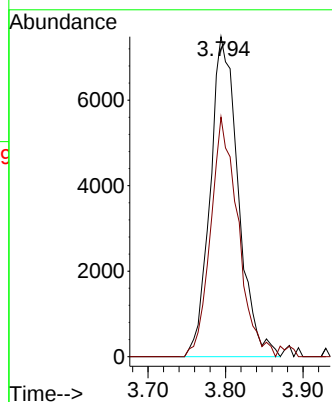
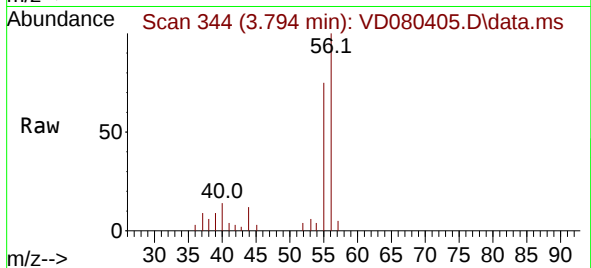
VSTDICC020

Tgt Ion: 56 Resp: 18844

Ion Ratio Lower Upper

56 100

55 73.0 58.7 88.1



#14

Allyl chloride

Concen: 19.793 ug/l

RT: 4.570 min Scan# 476

Delta R.T. 0.006 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

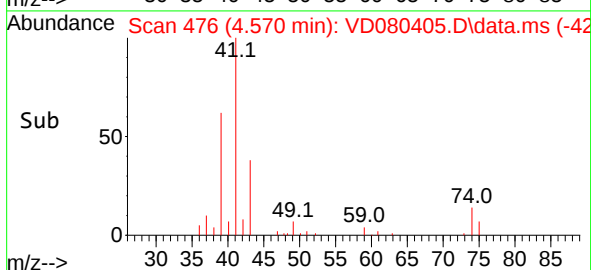
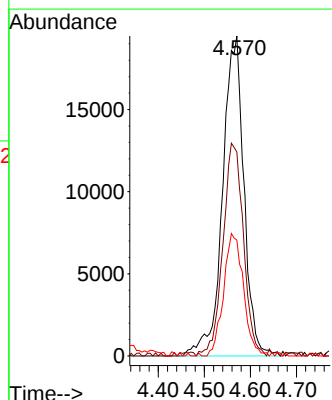
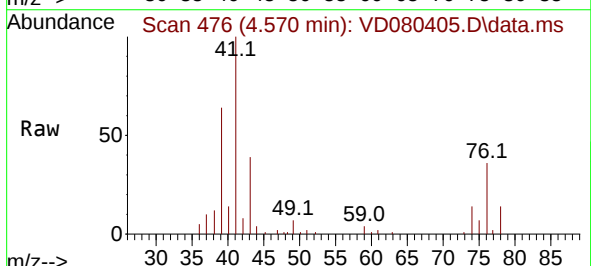
Tgt Ion: 41 Resp: 62592

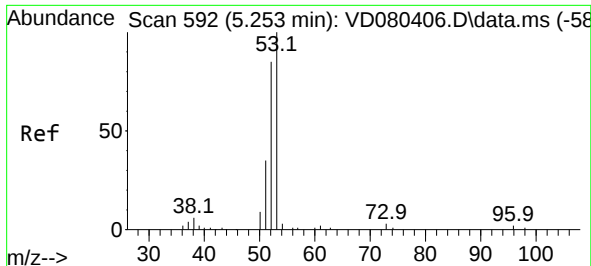
Ion Ratio Lower Upper

41 100

39 63.7 50.0 75.0

76 35.6 29.9 44.9

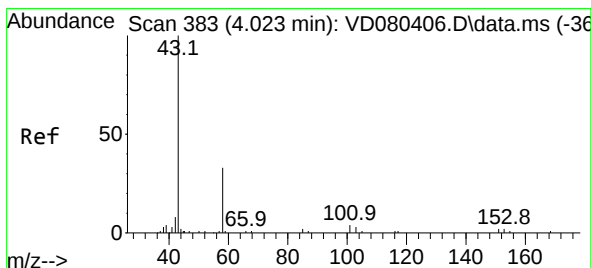
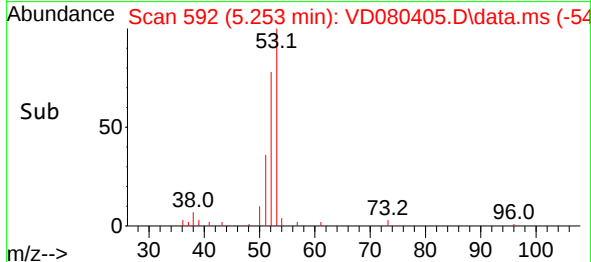
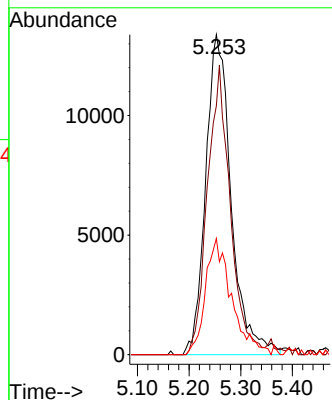
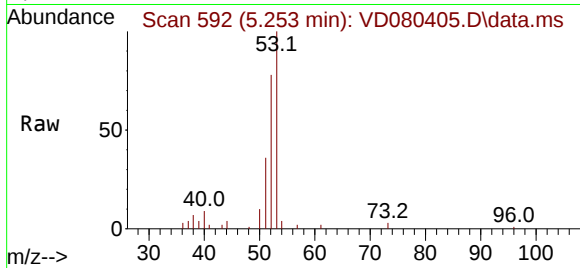




#15
Acrylonitrile
Concen: 98.586 ug/l
RT: 5.253 min Scan# 592
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

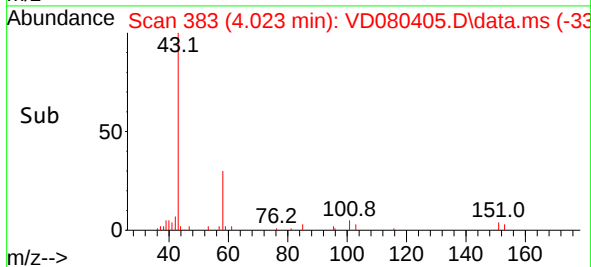
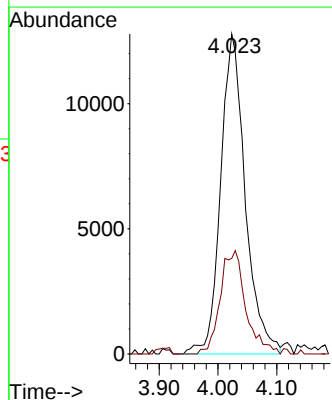
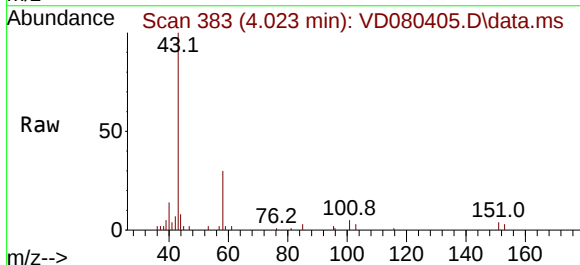
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

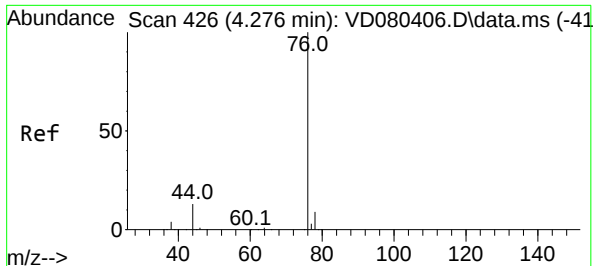
Tgt Ion:	53	Resp:	45904
Ion	Ratio	Lower	Upper
53	100		
52	80.6	64.2	96.2
51	37.1	29.3	43.9



#16
Acetone
Concen: 95.011 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion:	43	Resp:	37233
Ion	Ratio	Lower	Upper
43	100		
58	29.8	26.6	40.0





#17

Carbon Disulfide

Concen: 20.558 ug/l

RT: 4.276 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

Instrument :

MSVOA_D

ClientSampleId :

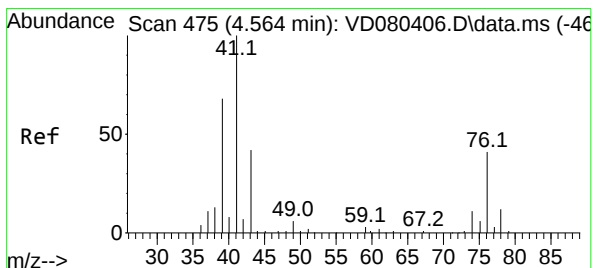
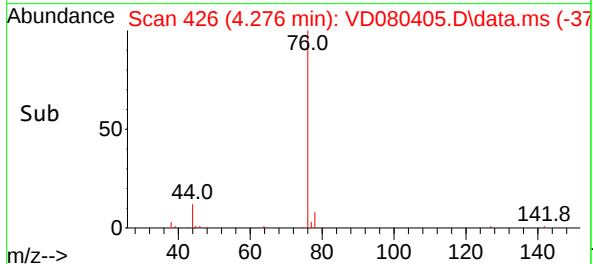
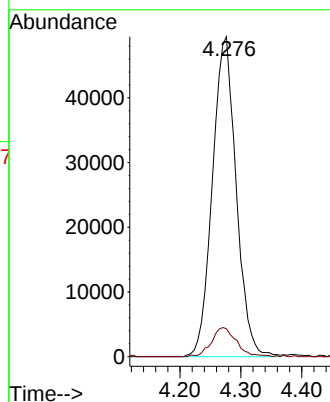
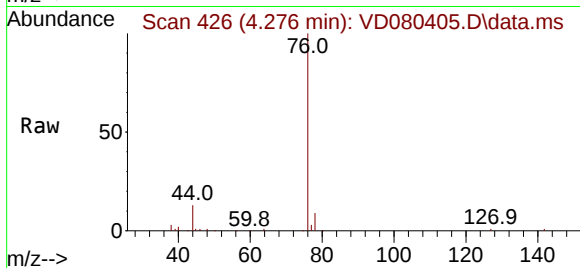
VSTDICC020

Tgt Ion: 76 Resp: 134155

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4



#18

Methyl Acetate

Concen: 20.955 ug/l

RT: 4.559 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD080405.D

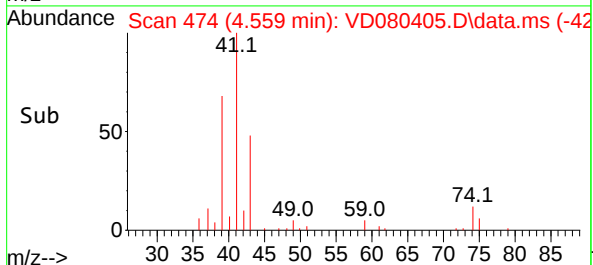
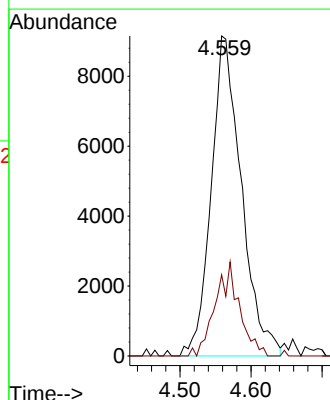
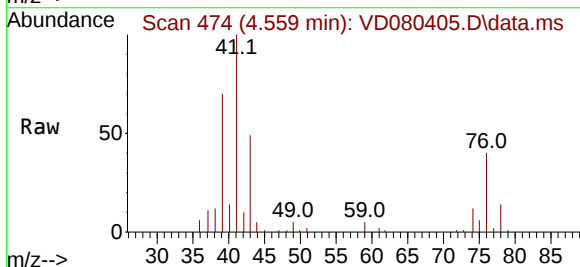
Acq: 04 Jun 2025 09:29

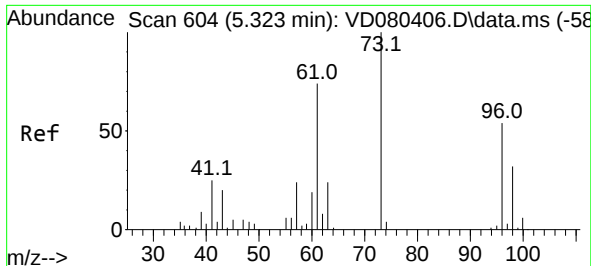
Tgt Ion: 43 Resp: 27008

Ion Ratio Lower Upper

43 100

74 23.5 18.2 27.2

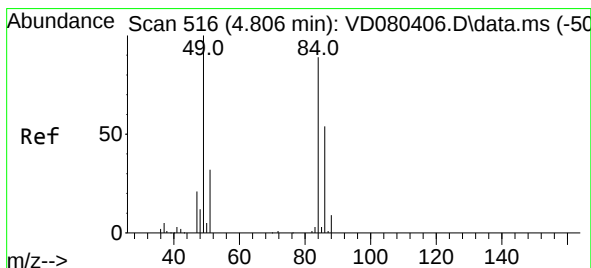
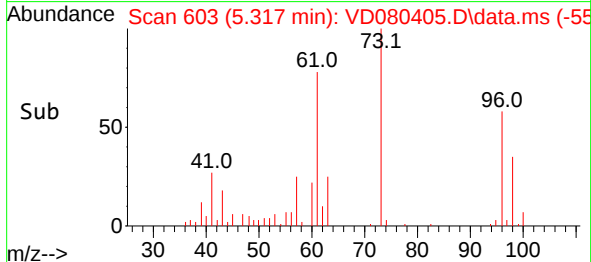
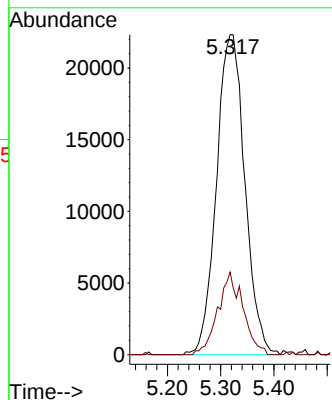
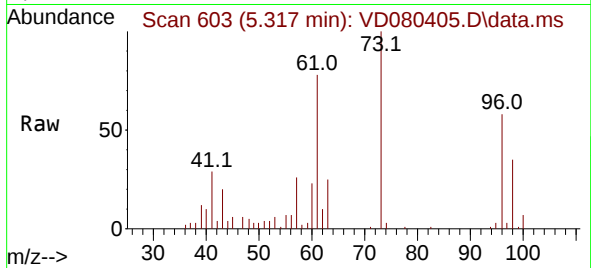




#19
Methyl tert-butyl Ether
Concen: 19.704 ug/l
RT: 5.317 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

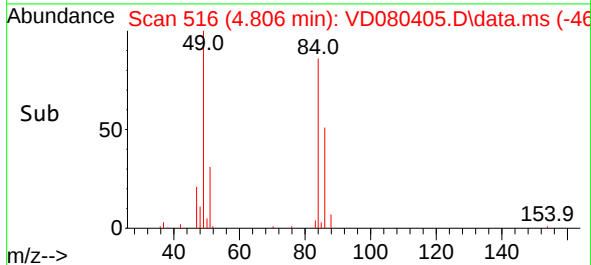
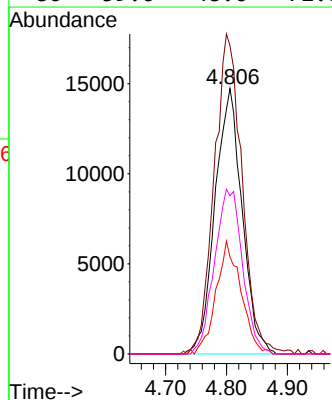
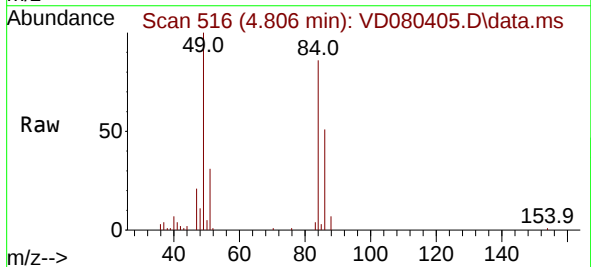
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

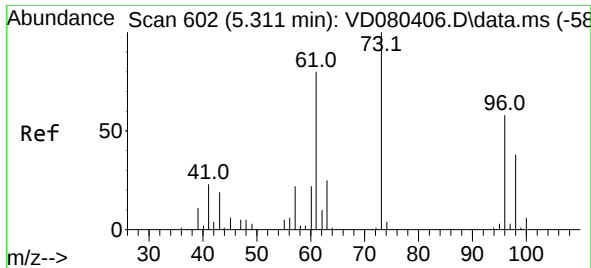
Tgt Ion: 73 Resp: 82621
Ion Ratio Lower Upper
73 100
57 25.8 18.9 28.3



#20
Methylene Chloride
Concen: 19.897 ug/l
RT: 4.806 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion: 84 Resp: 45521
Ion Ratio Lower Upper
84 100
49 116.1 89.4 134.2
51 36.5 28.5 42.7
86 59.6 48.6 72.8

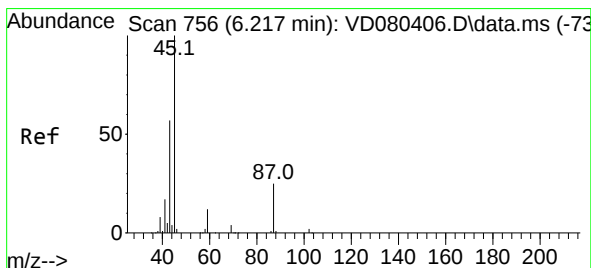
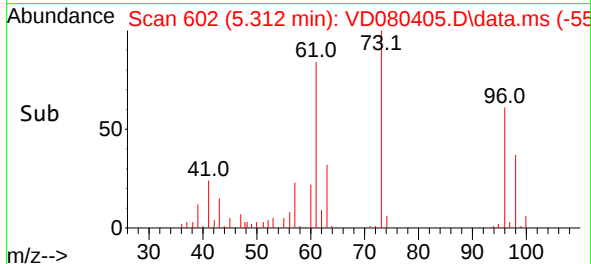
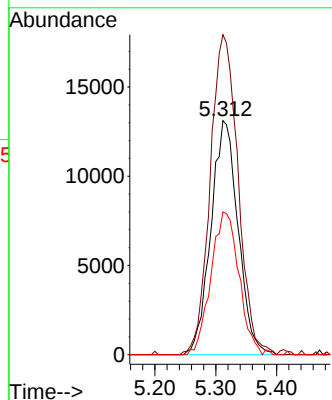
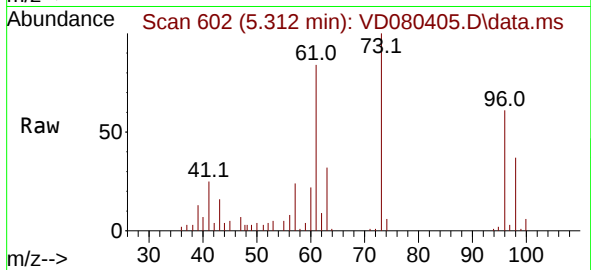




#21
trans-1,2-Dichloroethene
Concen: 20.104 ug/l
RT: 5.312 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

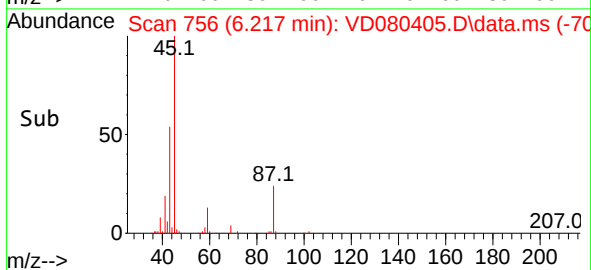
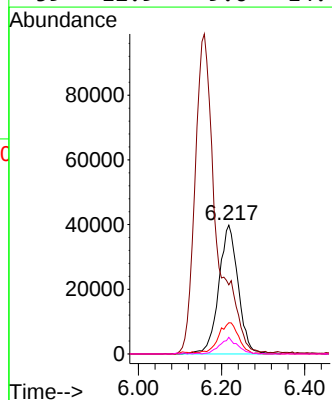
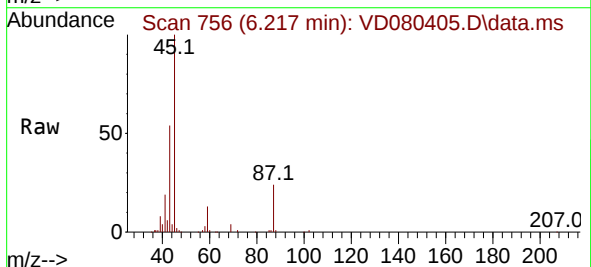
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

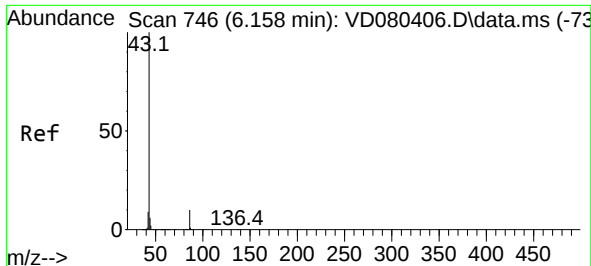
Tgt Ion: 96 Resp: 40689
Ion Ratio Lower Upper
96 100
61 136.7 110.8 166.2
98 61.0 52.2 78.2



#22
Diisopropyl ether
Concen: 20.656 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion: 45 Resp: 129153
Ion Ratio Lower Upper
45 100
43 52.3 45.6 68.4
87 24.2 20.4 30.6
59 12.9 9.6 14.4

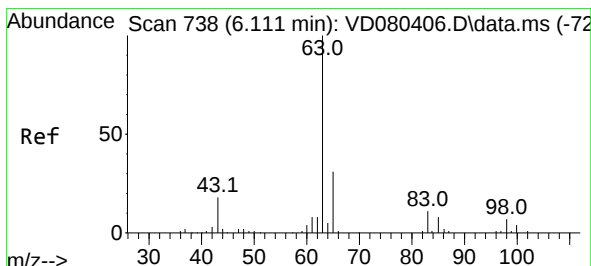
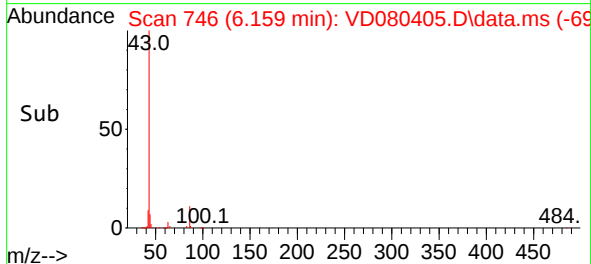
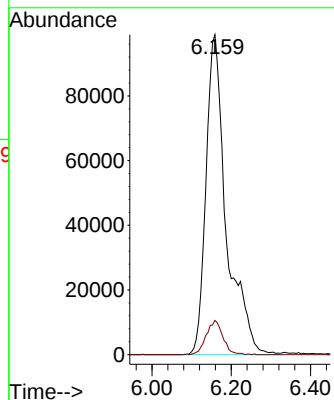
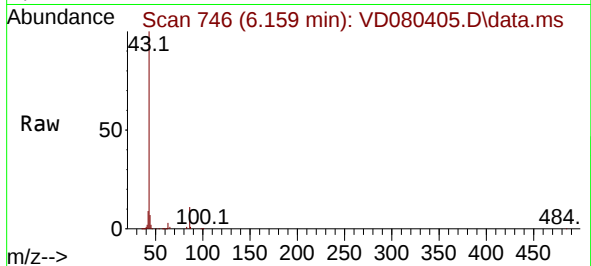




#23
 Vinyl Acetate
 Concen: 97.544 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD080405.D
 Acq: 04 Jun 2025 09:29

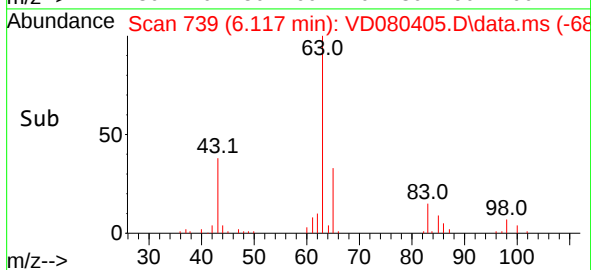
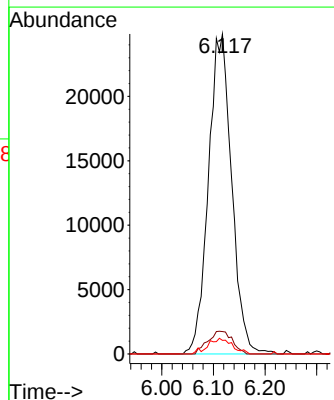
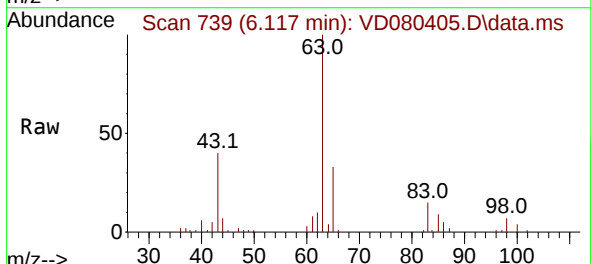
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

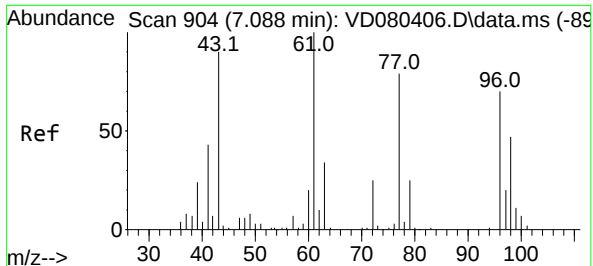
Tgt Ion: 43 Resp: 352849
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 20.509 ug/l
 RT: 6.117 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD080405.D
 Acq: 04 Jun 2025 09:29

Tgt Ion: 63 Resp: 77553
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.2 1.9 5.7

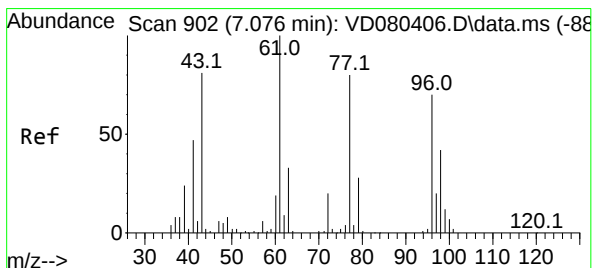
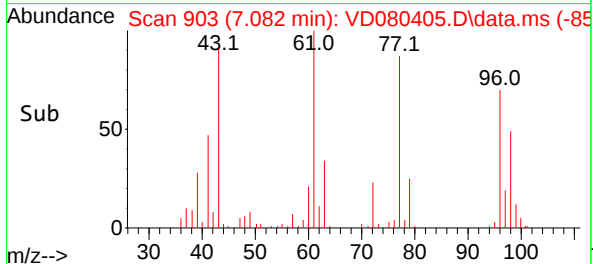
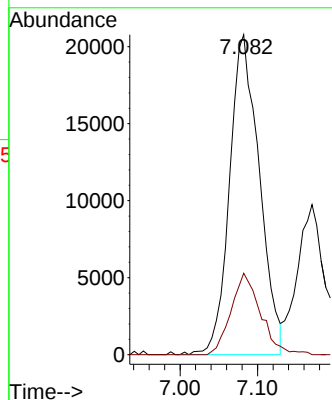
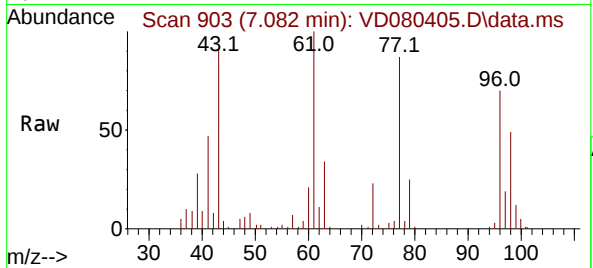




#25
2-Butanone
Concen: 96.971 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.006 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

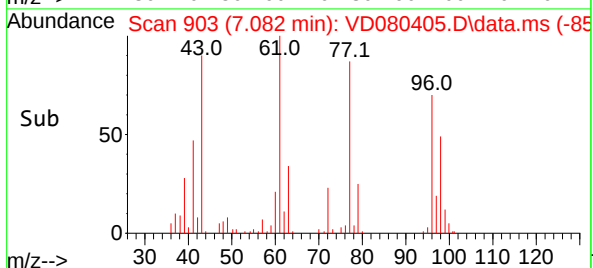
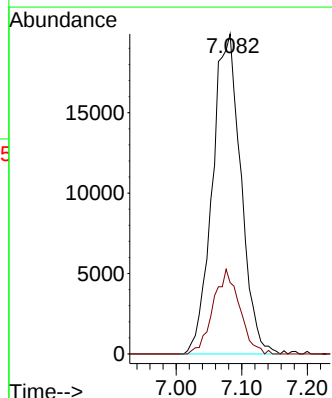
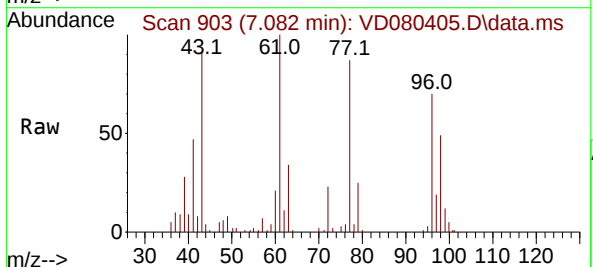
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

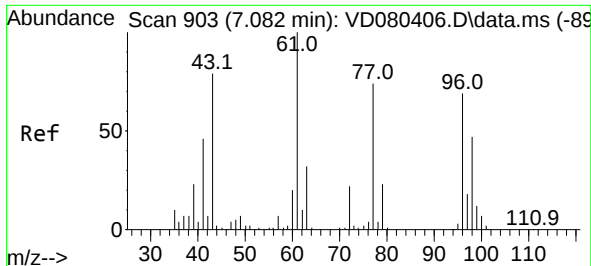
Tgt Ion: 43 Resp: 55642
Ion Ratio Lower Upper
43 100
72 25.5 22.2 33.2



#26
2,2-Dichloropropane
Concen: 19.918 ug/l
RT: 7.082 min Scan# 903
Delta R.T. 0.006 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion: 77 Resp: 59976
Ion Ratio Lower Upper
77 100
97 24.6 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 20.037 ug/l

RT: 7.076 min Scan# 90

Delta R.T. -0.006 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

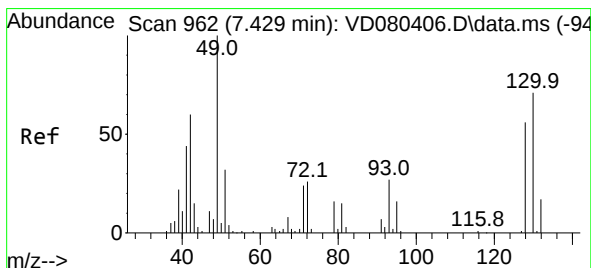
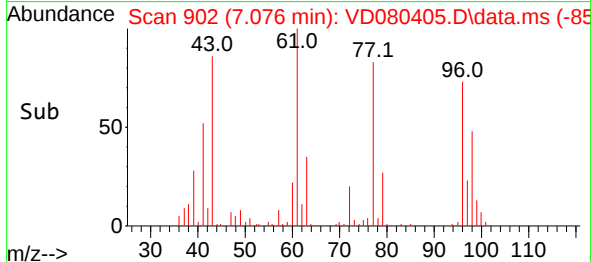
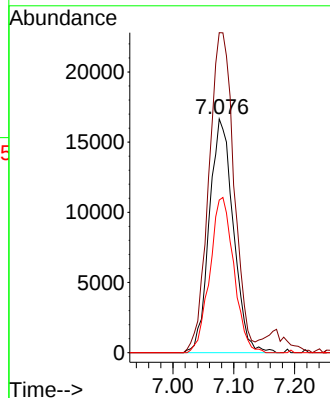
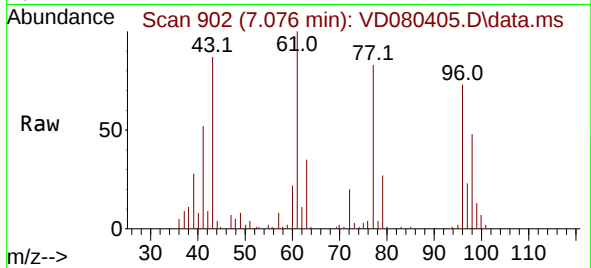
Tgt Ion: 96 Resp: 45674

Ion Ratio Lower Upper

96 100

61 143.5 0.0 291.0

98 66.2 0.0 130.6



#28

Bromochloromethane

Concen: 20.885 ug/l

RT: 7.429 min Scan# 962

Delta R.T. 0.000 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

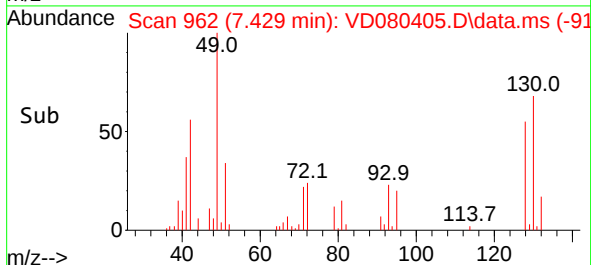
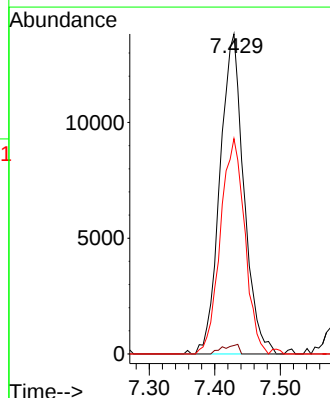
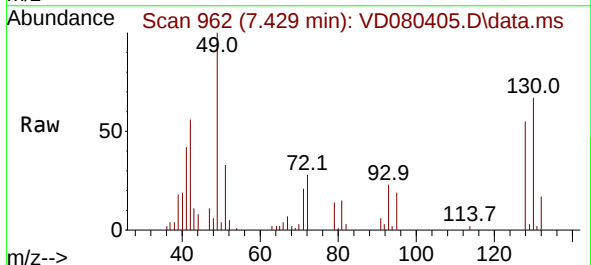
Tgt Ion: 49 Resp: 34944

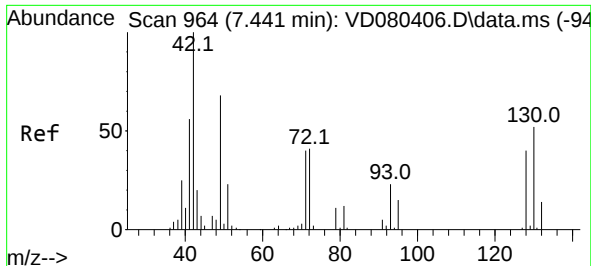
Ion Ratio Lower Upper

49 100

129 2.0 0.0 1.2#

130 68.6 58.6 88.0





#29

Tetrahydrofuran

Concen: 99.038 ug/l

RT: 7.441 min Scan# 9

Delta R.T. 0.000 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

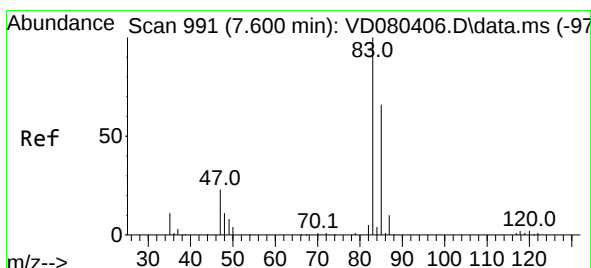
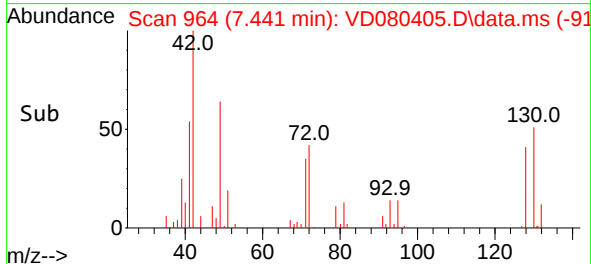
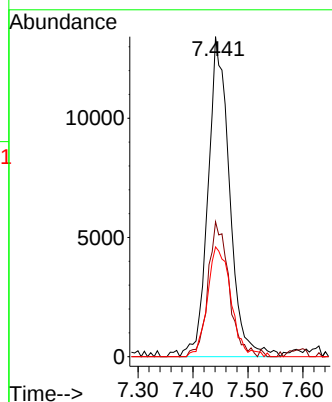
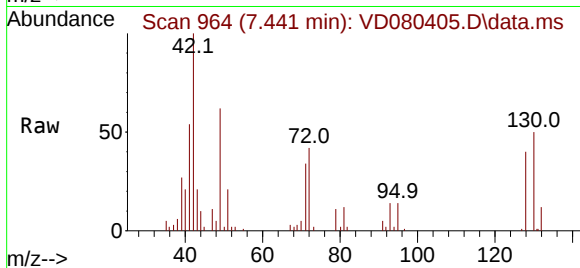
Tgt Ion: 42 Resp: 36561

Ion Ratio Lower Upper

42 100

72 40.9 34.1 51.1

71 37.5 32.2 48.4



#30

Chloroform

Concen: 20.082 ug/l

RT: 7.600 min Scan# 991

Delta R.T. 0.000 min

Lab File: VD080405.D

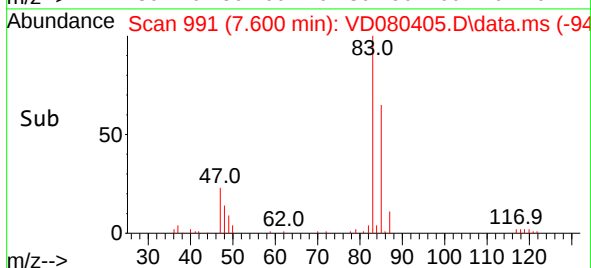
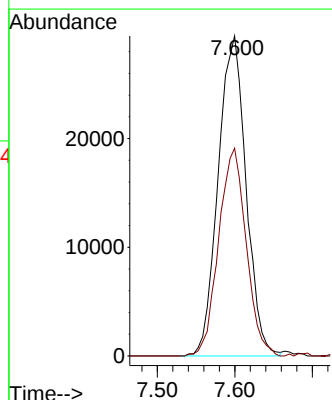
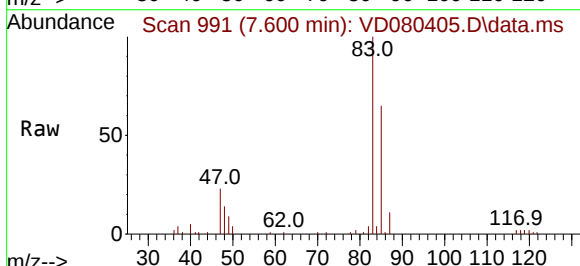
Acq: 04 Jun 2025 09:29

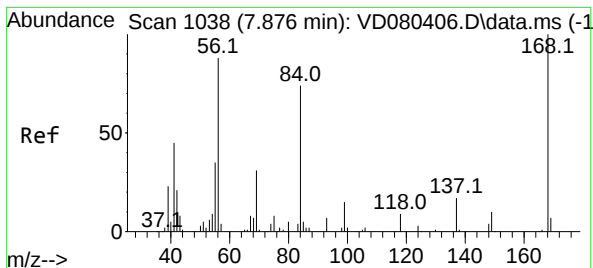
Tgt Ion: 83 Resp: 73711

Ion Ratio Lower Upper

83 100

85 64.9 52.8 79.2





#31

Cyclohexane

Concen: 19.208 ug/l

RT: 7.882 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

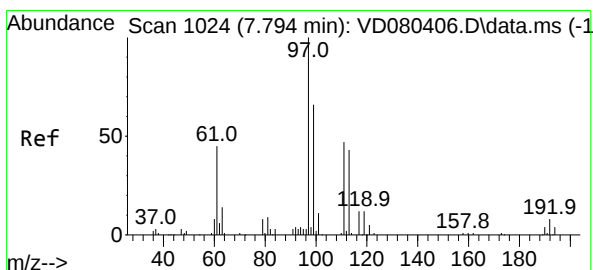
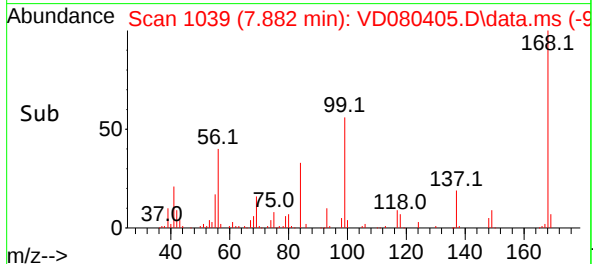
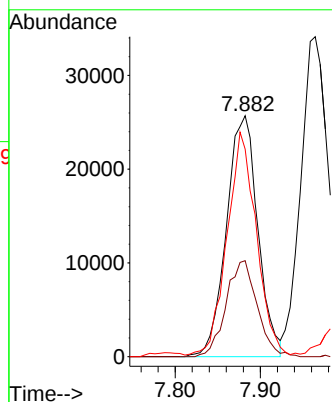
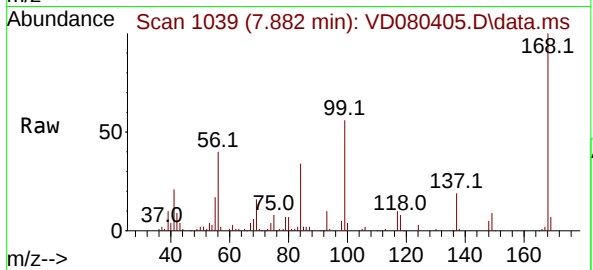
Tgt Ion: 56 Resp: 65712

Ion Ratio Lower Upper

56 100

69 39.8 28.5 42.7

84 84.8 67.4 101.0



#32

1,1,1-Trichloroethane

Concen: 19.937 ug/l

RT: 7.794 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

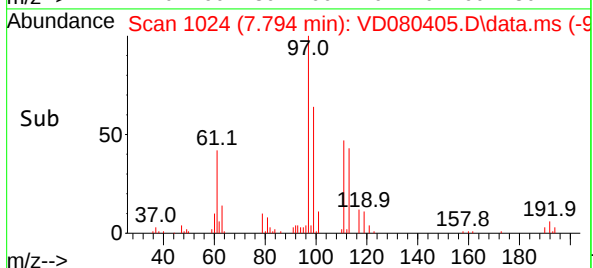
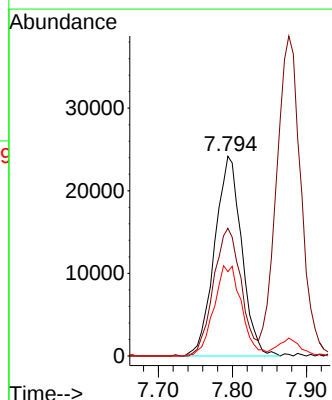
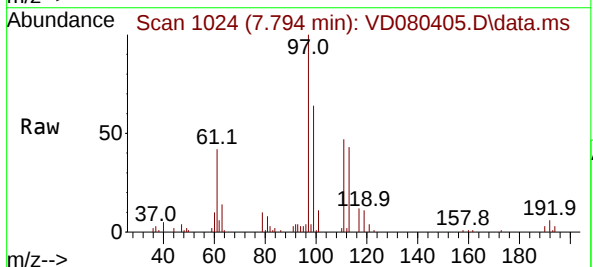
Tgt Ion: 97 Resp: 61196

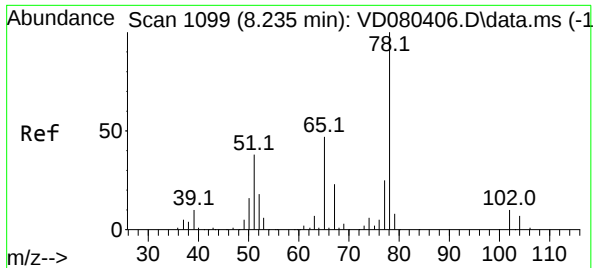
Ion Ratio Lower Upper

97 100

99 65.7 50.2 75.4

61 46.2 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 20.053 ug/l

RT: 8.229 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

Instrument :

MSVOA_D

ClientSampleId :

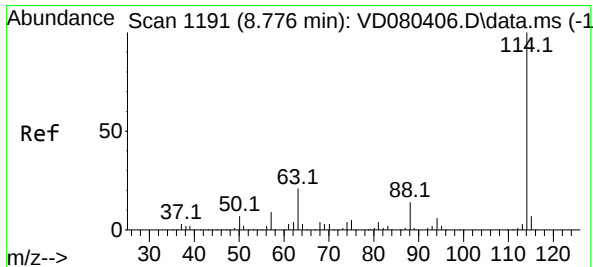
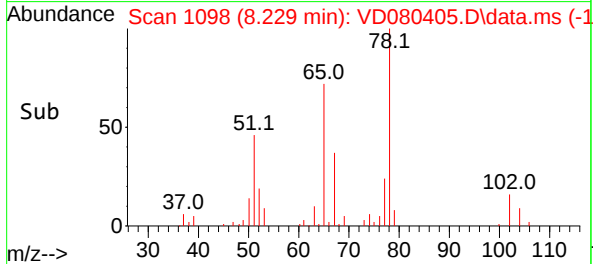
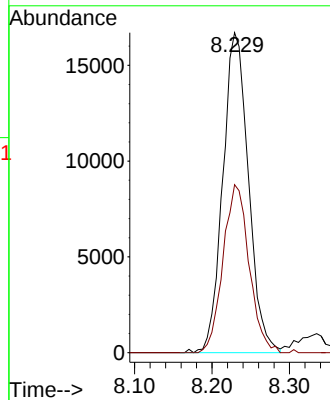
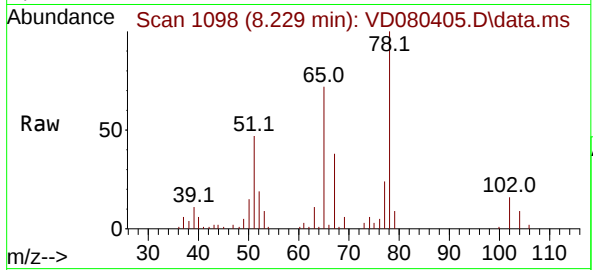
VSTDIC020

Tgt Ion: 65 Resp: 38473

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

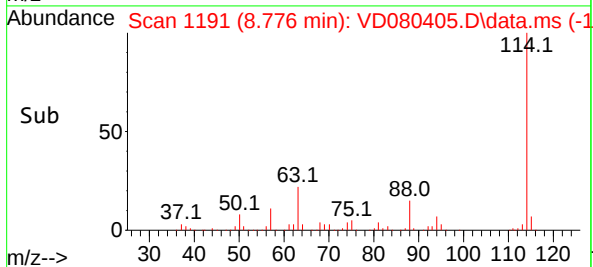
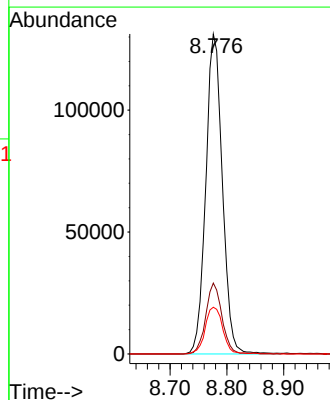
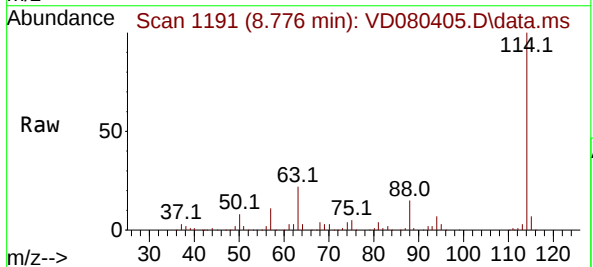
Tgt Ion: 114 Resp: 265715

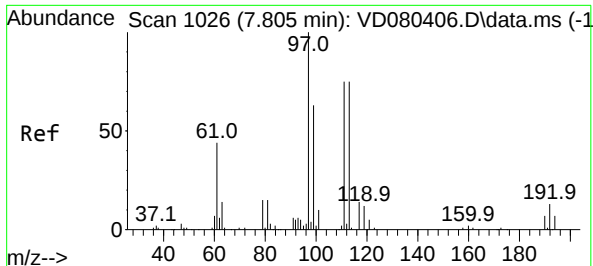
Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.0

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 20.414 ug/l

RT: 7.811 min Scan# 1027

Delta R.T. 0.006 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

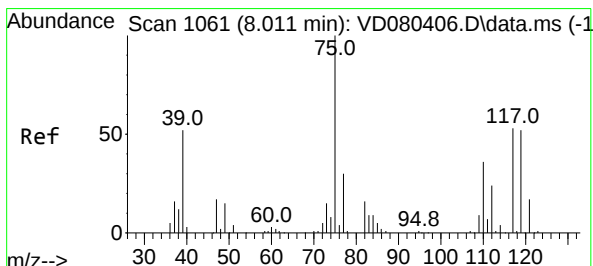
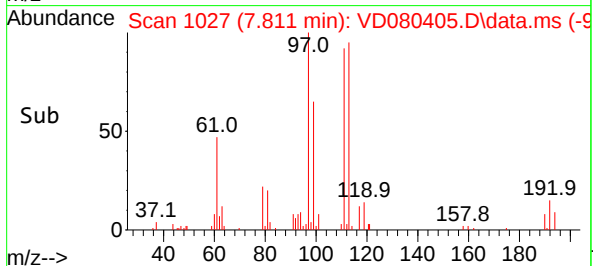
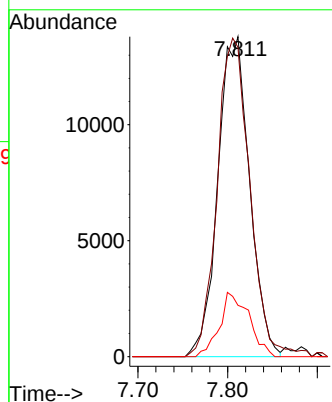
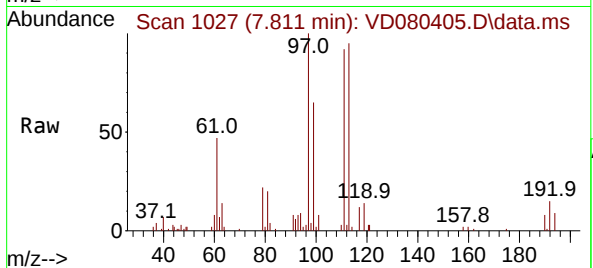
Tgt Ion:113 Resp: 33899

Ion Ratio Lower Upper

113 100

111 102.5 84.6 127.0

192 18.6 15.8 23.6



#36

1,1-Dichloropropene

Concen: 19.845 ug/l

RT: 8.006 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

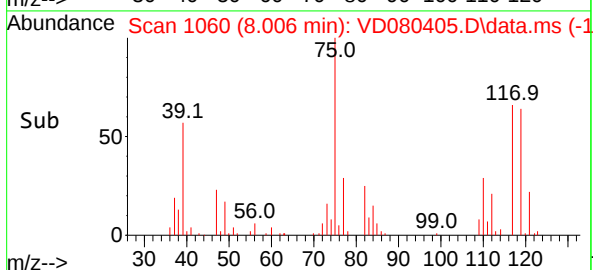
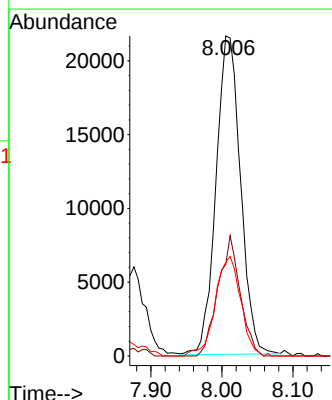
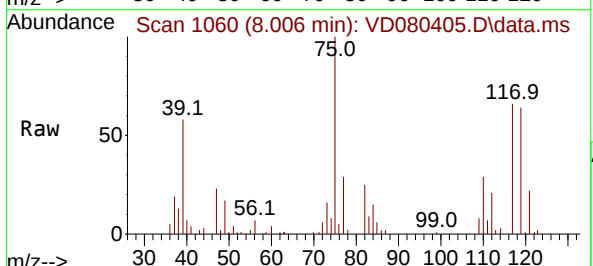
Tgt Ion: 75 Resp: 51648

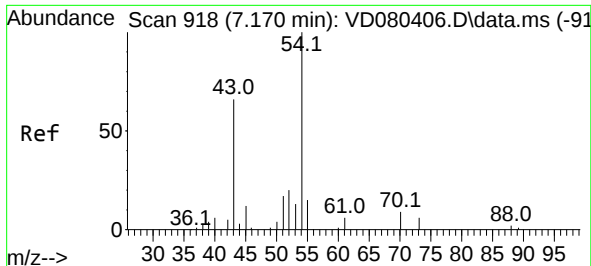
Ion Ratio Lower Upper

75 100

110 34.0 17.4 52.3

77 32.4 25.0 37.4





#37

Ethyl Acetate

Concen: 18.685 ug/l

RT: 7.170 min Scan# 918

Delta R.T. 0.000 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

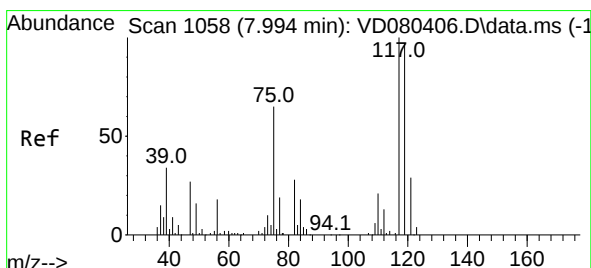
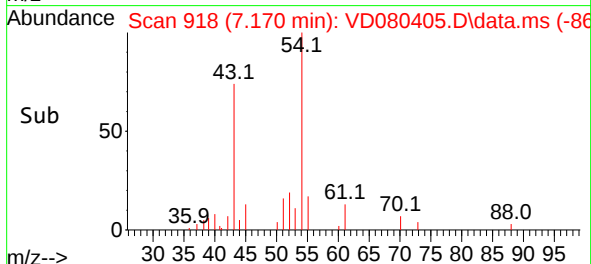
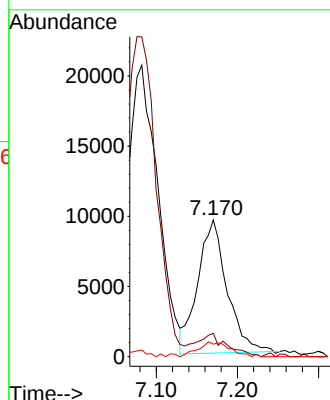
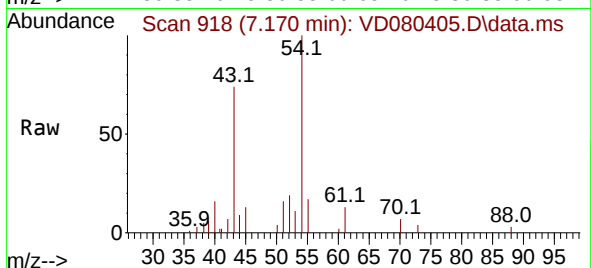
Tgt Ion: 43 Resp: 23829

Ion Ratio Lower Upper

43 100

61 18.2 11.5 17.3#

70 12.0 8.6 13.0



#38

Carbon Tetrachloride

Concen: 20.477 ug/l

RT: 7.988 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

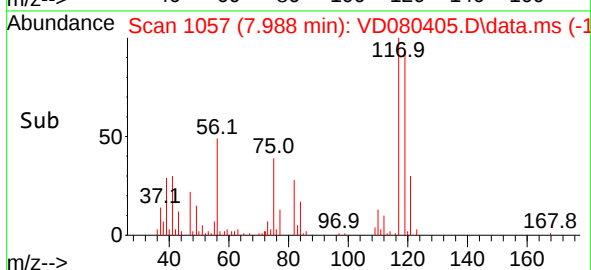
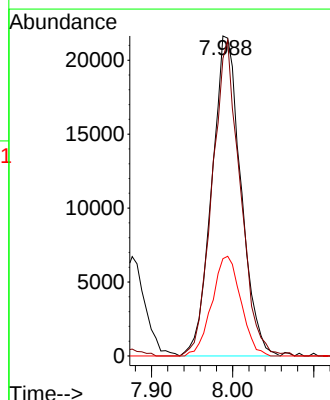
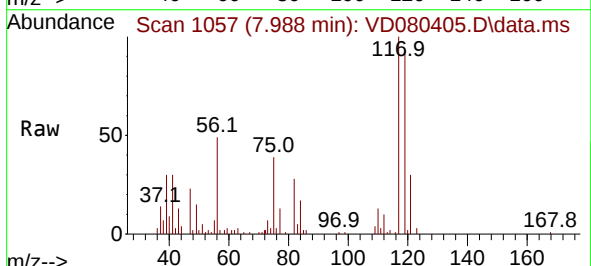
Tgt Ion: 117 Resp: 53869

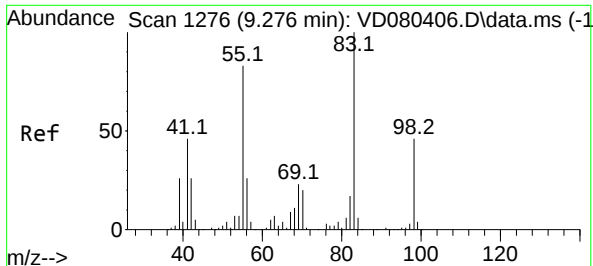
Ion Ratio Lower Upper

117 100

119 93.0 78.0 117.0

121 30.4 23.2 34.8





#39

Methylcyclohexane

Concen: 18.200 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

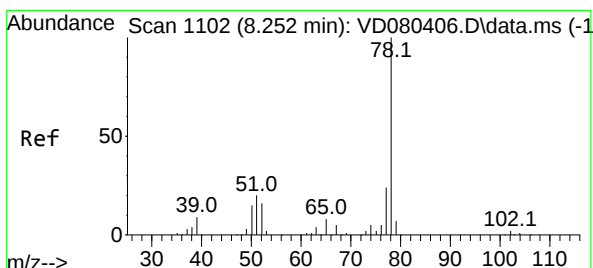
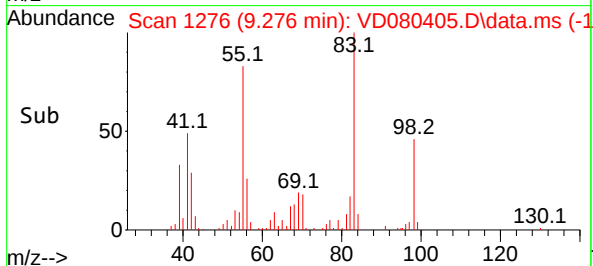
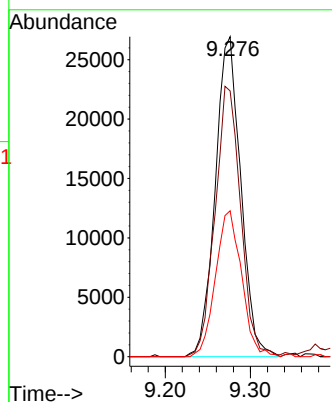
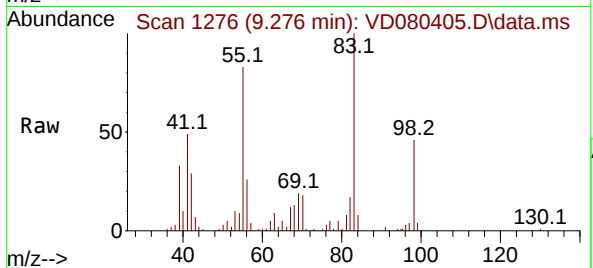
Tgt Ion: 83 Resp: 56107

Ion Ratio Lower Upper

83 100

55 83.0 66.2 99.4

98 45.6 37.0 55.6



#40

Benzene

Concen: 20.076 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080405.D

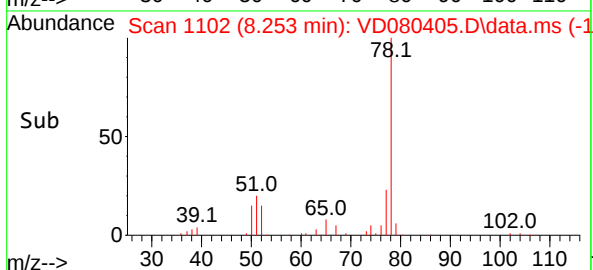
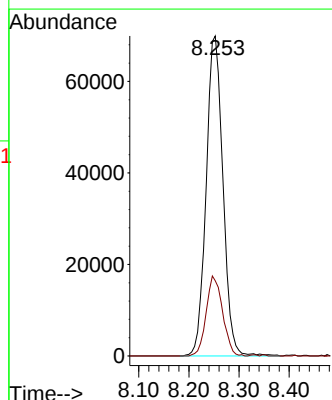
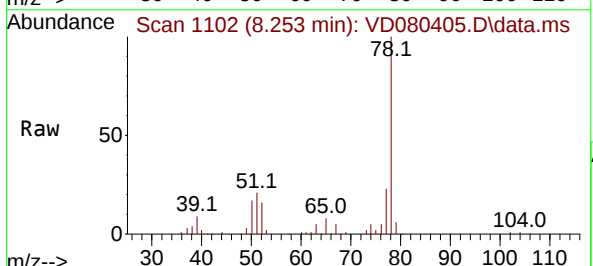
Acq: 04 Jun 2025 09:29

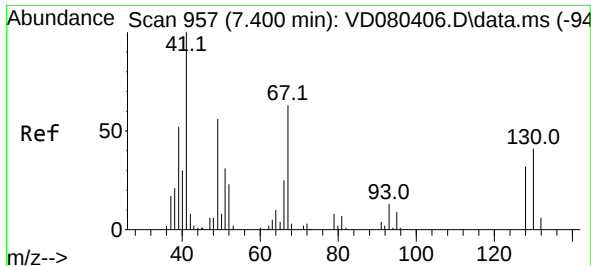
Tgt Ion: 78 Resp: 162687

Ion Ratio Lower Upper

78 100

77 23.5 19.6 29.4

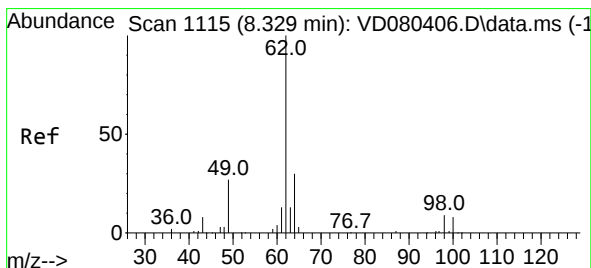
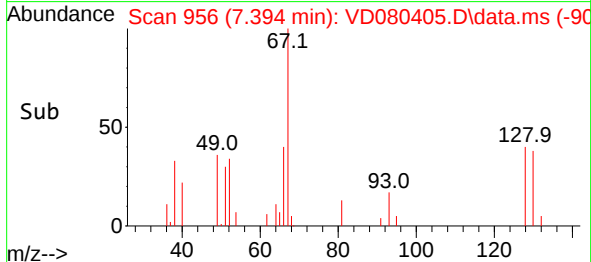
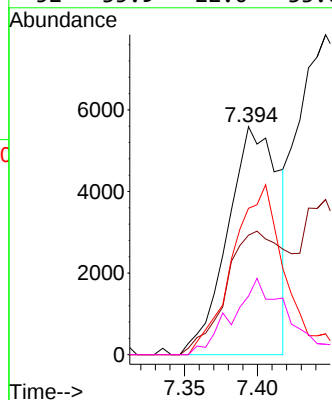
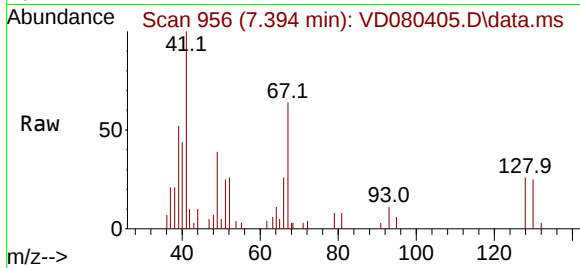




#41
Methacrylonitrile
Concen: 17.378 ug/l m
RT: 7.394 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

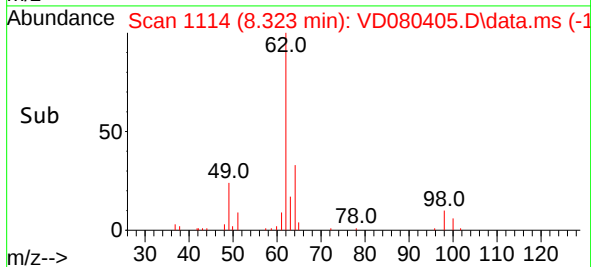
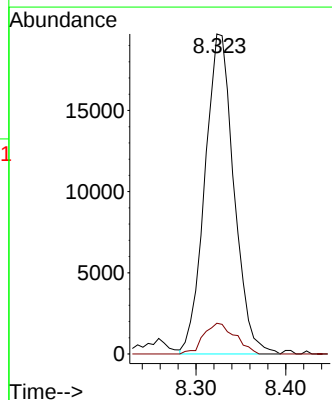
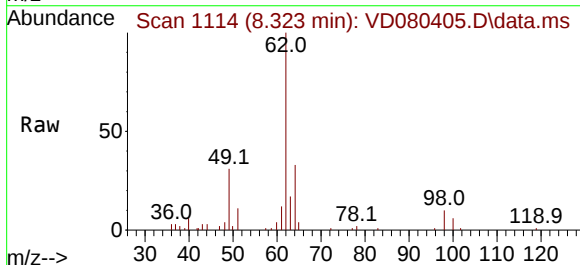
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

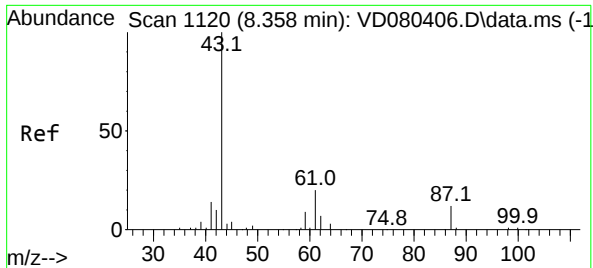
Tgt Ion:	41	Resp:	13650
Ion	Ratio	Lower	Upper
41	100		
39	63.8	37.6	56.4#
67	77.7	50.4	75.6#
52	35.9	22.0	33.0#



#42
1,2-Dichloroethane
Concen: 20.071 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion:	62	Resp:	44281
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.2

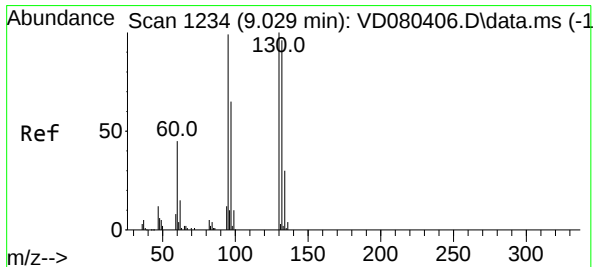
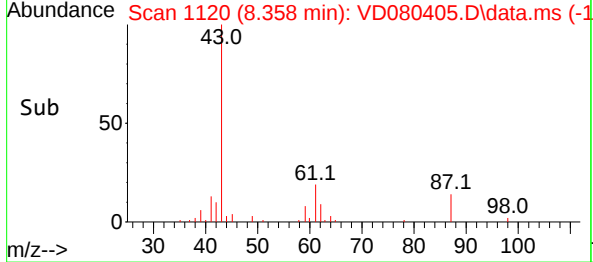
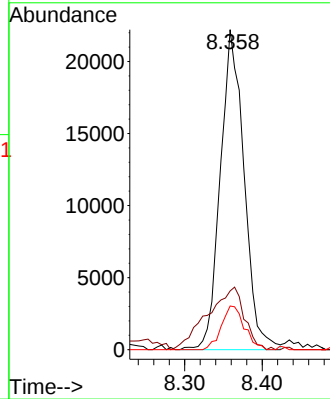
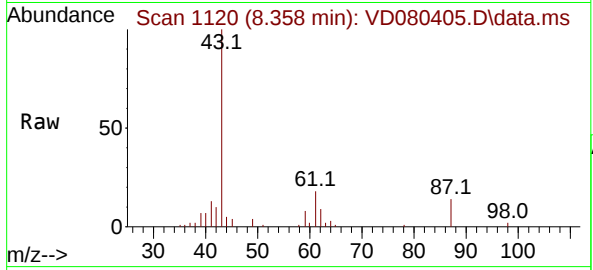




#43
Isopropyl Acetate
Concen: 19.546 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

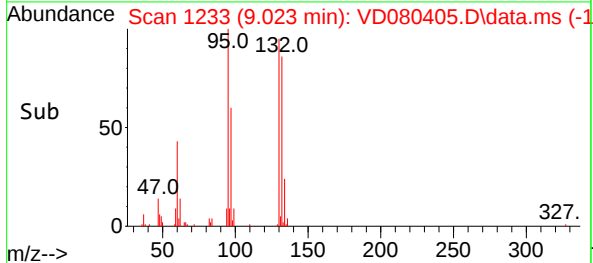
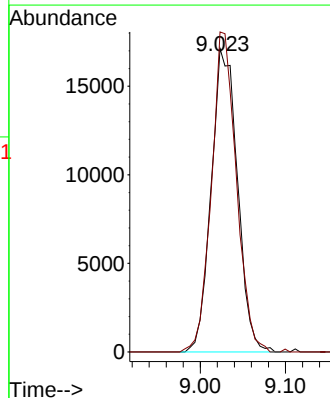
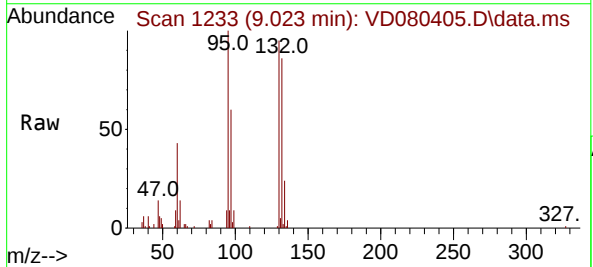
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

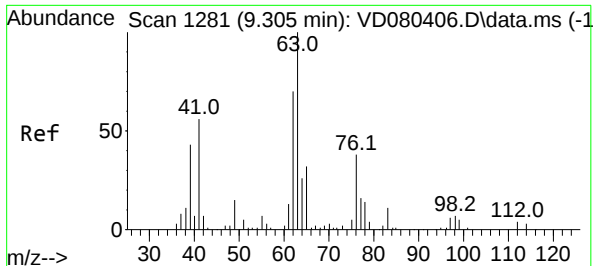
Tgt Ion: 43 Resp: 47393
Ion Ratio Lower Upper
43 100
61 30.3 24.4 36.6
87 13.2 10.2 15.4



#44
Trichloroethene
Concen: 19.489 ug/l
RT: 9.023 min Scan# 1233
Delta R.T. -0.006 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion:130 Resp: 36581
Ion Ratio Lower Upper
130 100
95 105.5 0.0 198.2





#45

1,2-Dichloropropane

Concen: 18.665 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

Instrument :

MSVOA_D

ClientSampleId :

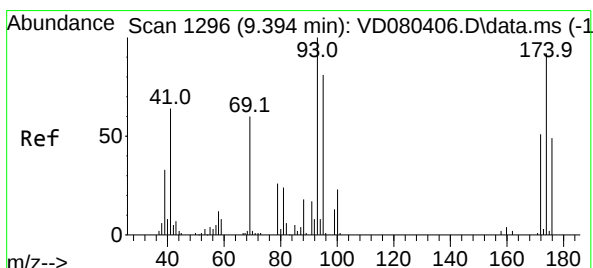
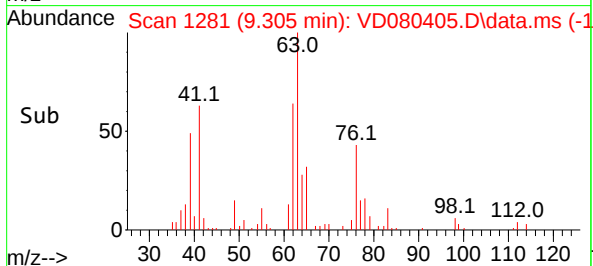
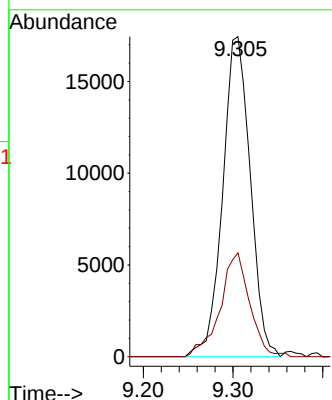
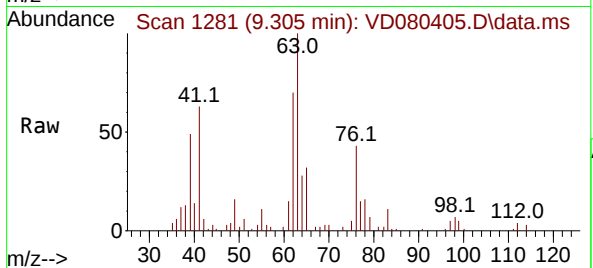
VSTDIC020

Tgt Ion: 63 Resp: 37248

Ion Ratio Lower Upper

63 100

65 32.4 25.3 37.9



#46

Dibromomethane

Concen: 18.303 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

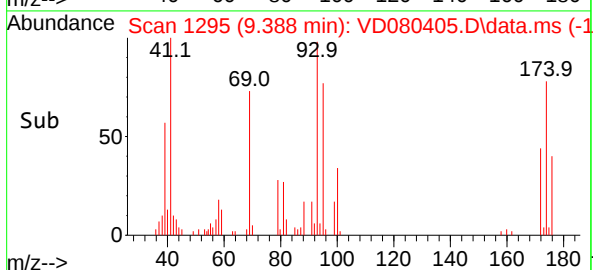
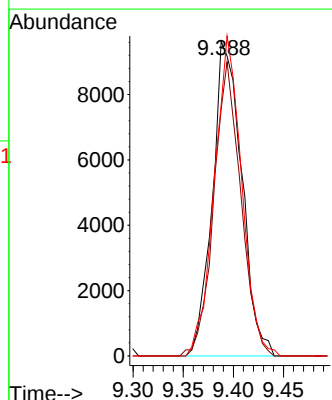
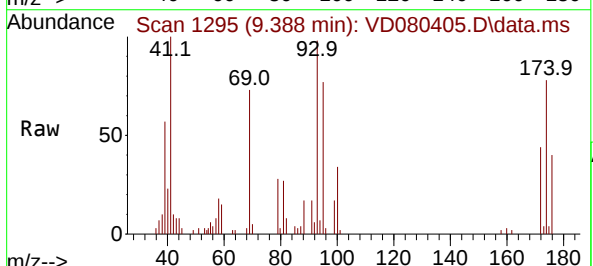
Tgt Ion: 93 Resp: 19445

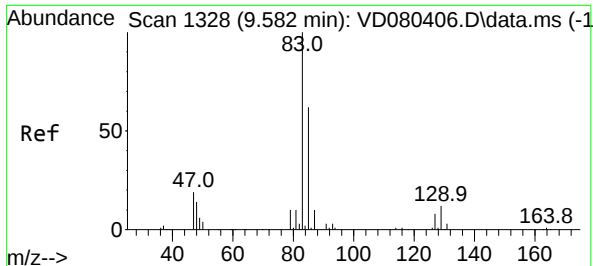
Ion Ratio Lower Upper

93 100

95 86.5 65.7 98.5

174 95.5 74.6 112.0

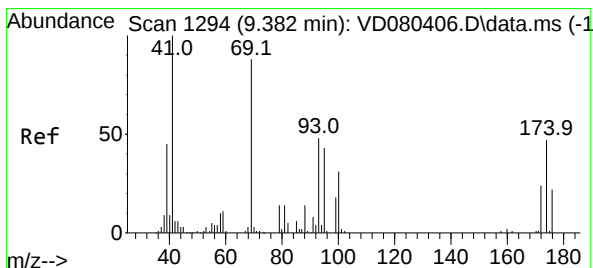
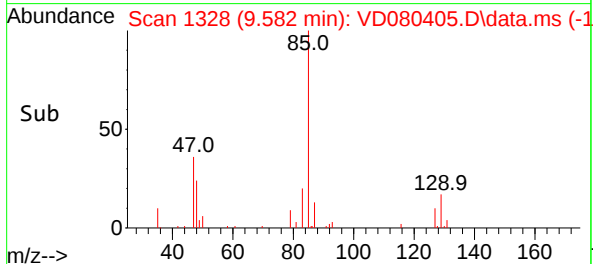
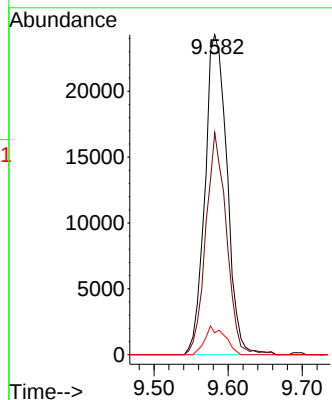
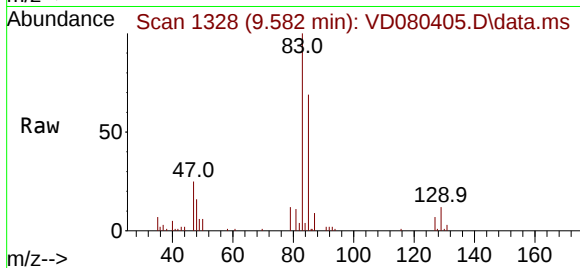




#47
Bromodichloromethane
Concen: 18.645 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

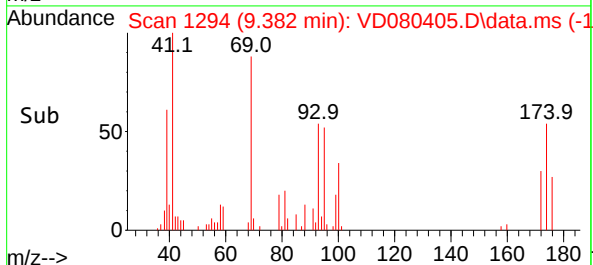
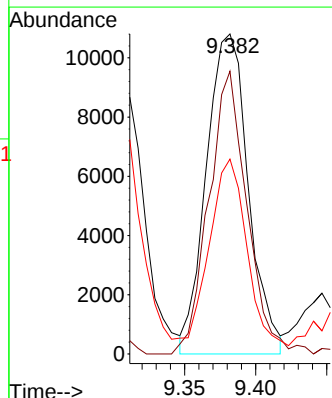
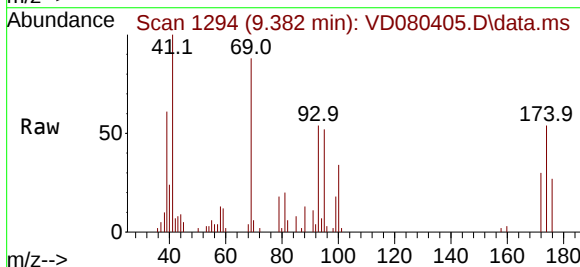
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

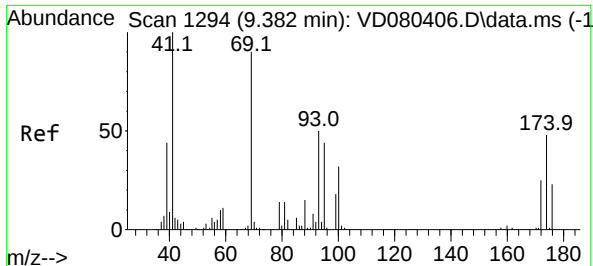
Tgt Ion:	83	Resp:	50309
Ion	Ratio	Lower	Upper
83	100		
85	69.4	49.6	74.4
127	6.8	6.5	9.7



#48
Methyl methacrylate
Concen: 18.718 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion:	41	Resp:	22259
Ion	Ratio	Lower	Upper
41	100		
69	80.5	67.1	100.7
39	51.2	38.2	57.2





#49

1,4-Dioxane

Concen: 348.565 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

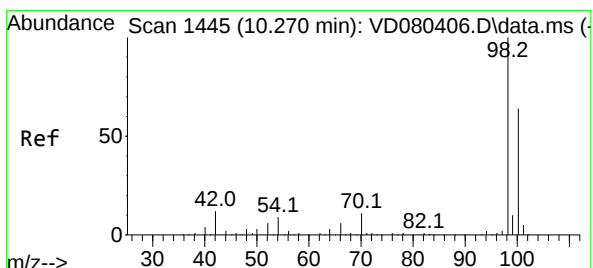
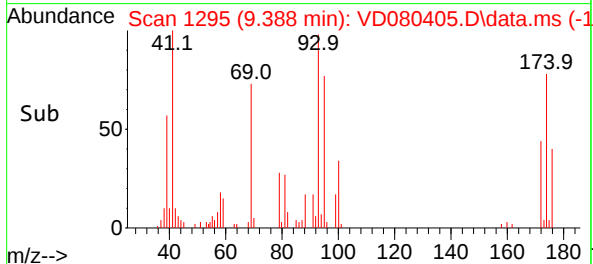
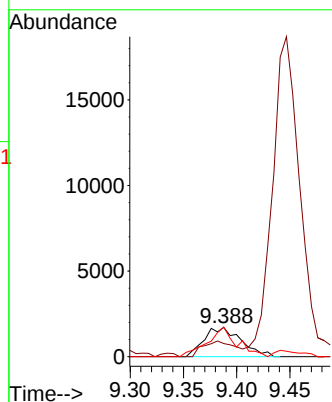
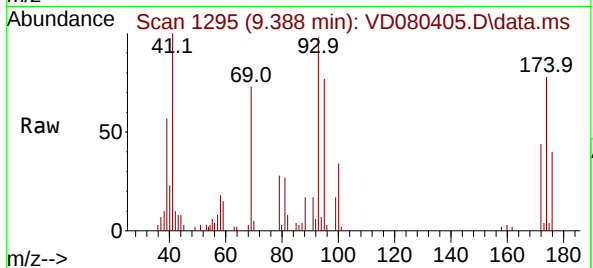
Tgt Ion: 88 Resp: 4131

Ion Ratio Lower Upper

88 100

43 45.8 29.9 44.9#

58 79.9 61.8 92.8



#50

Toluene-d8

Concen: 17.625 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080405.D

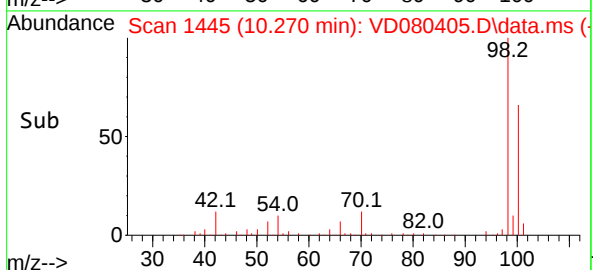
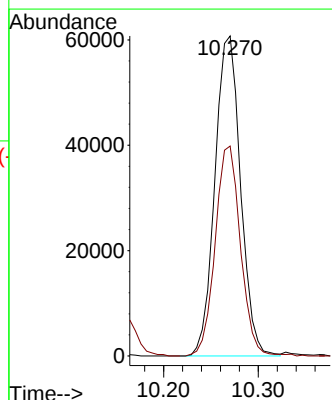
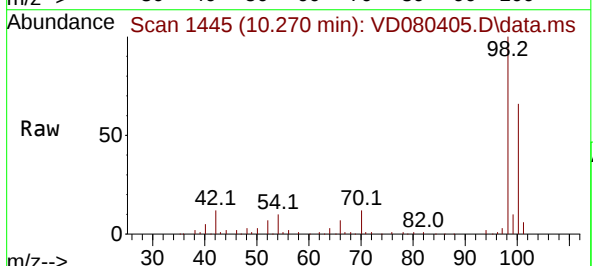
Acq: 04 Jun 2025 09:29

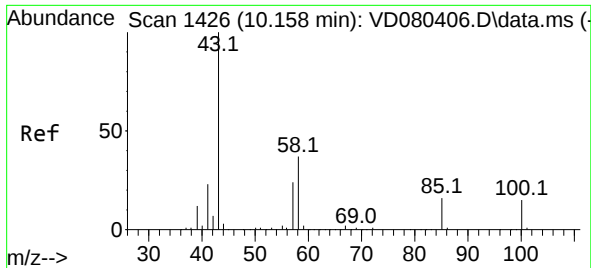
Tgt Ion: 98 Resp: 114348

Ion Ratio Lower Upper

98 100

100 64.7 50.9 76.3

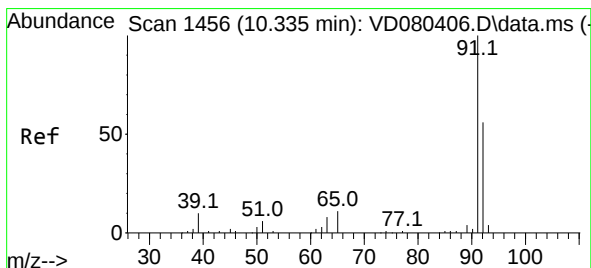
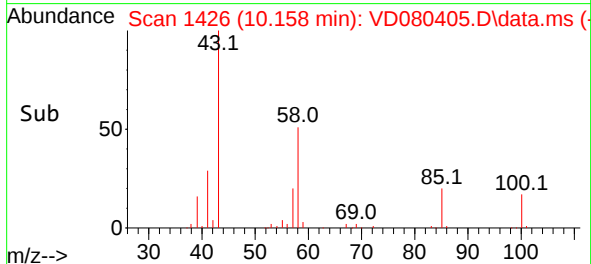
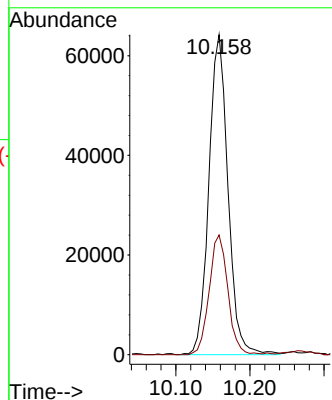
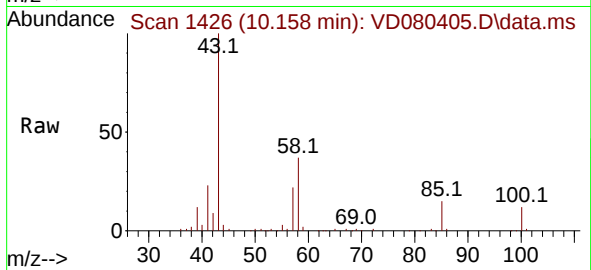




#51
4-Methyl-2-Pentanone
Concen: 92.755 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

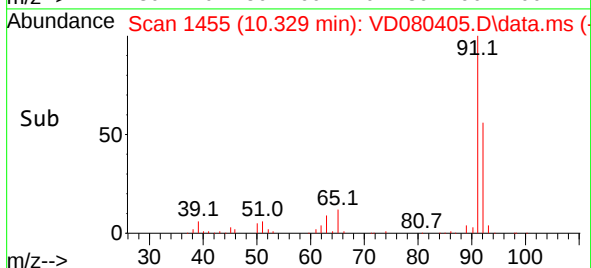
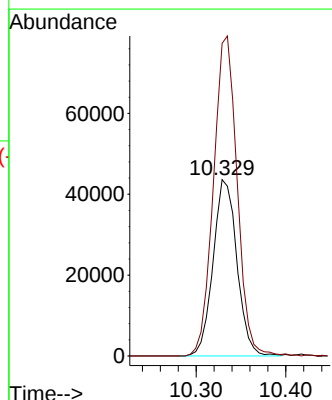
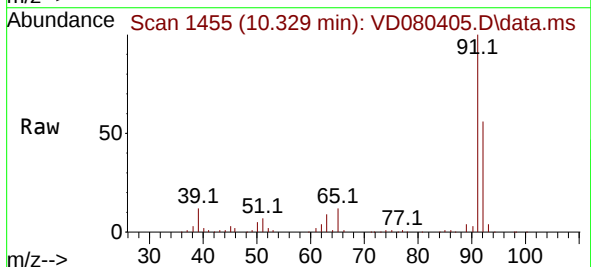
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

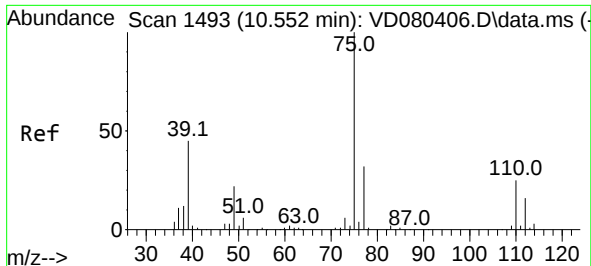
Tgt Ion: 43 Resp: 114898
Ion Ratio Lower Upper
43 100
58 36.6 30.2 45.2



#52
Toluene
Concen: 17.060 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. -0.006 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion: 92 Resp: 80412
Ion Ratio Lower Upper
92 100
91 180.7 140.5 210.7

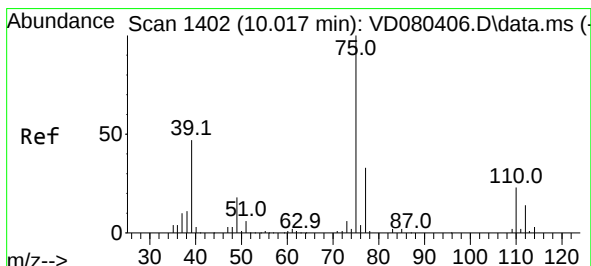
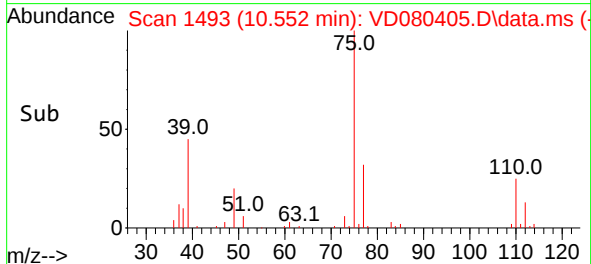
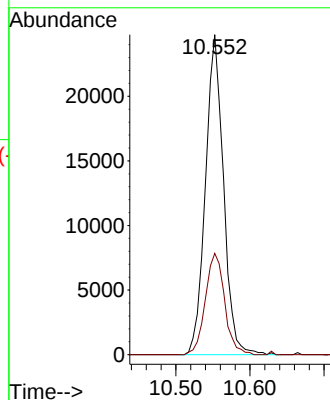
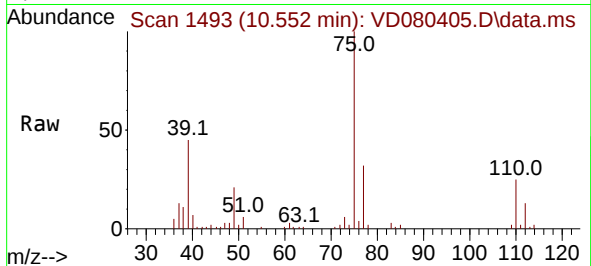




#53
 t-1,3-Dichloropropene
 Concen: 17.404 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080405.D
 Acq: 04 Jun 2025 09:29

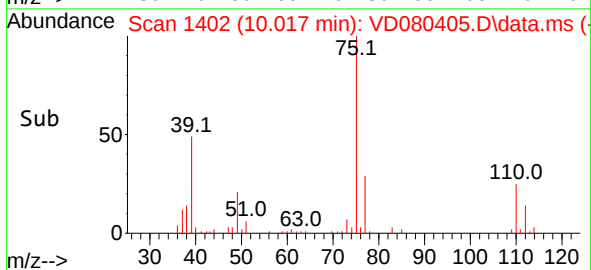
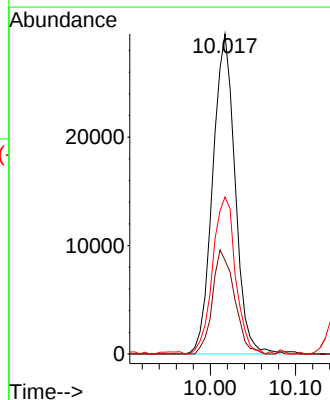
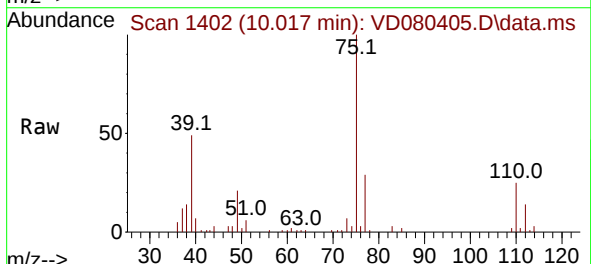
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

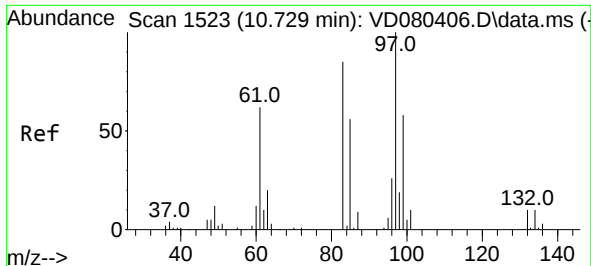
Tgt Ion: 75 Resp: 41901
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.435 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: VD080405.D
 Acq: 04 Jun 2025 09:29

Tgt Ion: 75 Resp: 53718
 Ion Ratio Lower Upper
 75 100
 77 29.3 26.6 40.0
 39 48.3 37.8 56.6

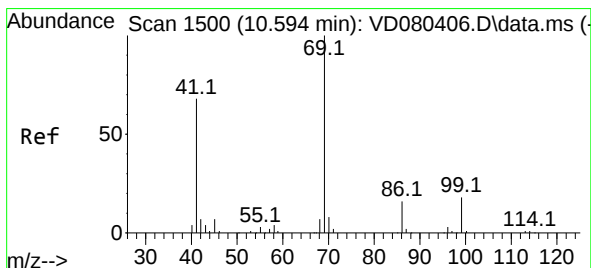
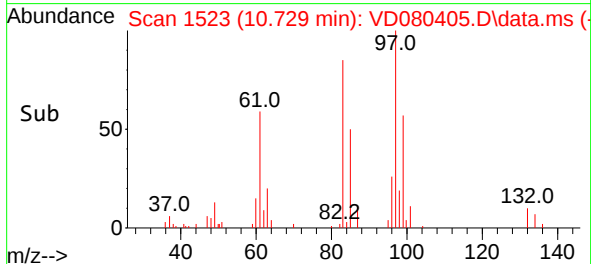
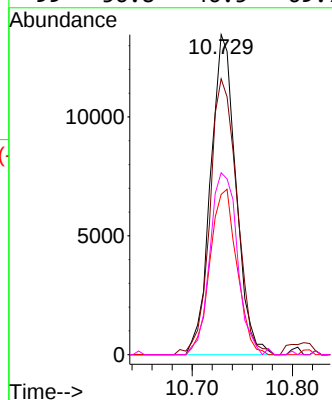
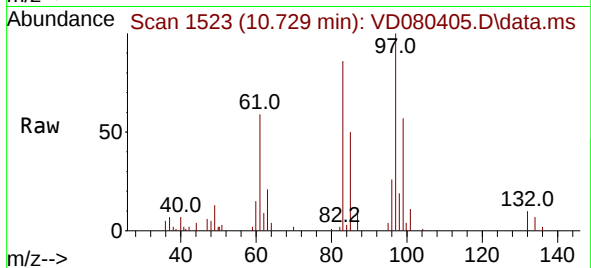




#55
 1,1,2-Trichloroethane
 Concen: 17.132 ug/l
 RT: 10.729 min Scan# 1523
 Delta R.T. 0.000 min
 Lab File: VD080405.D
 Acq: 04 Jun 2025 09:29

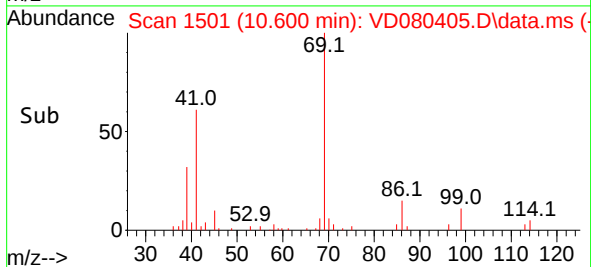
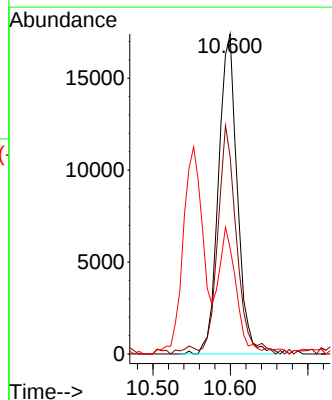
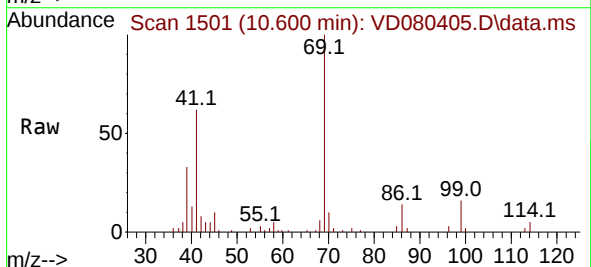
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

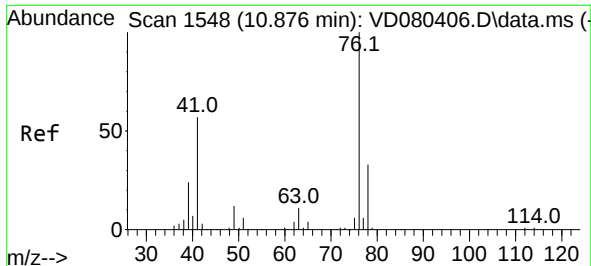
Tgt Ion: 97	Resp: 23700
Ion Ratio	Lower Upper
97 100	
83 86.2	67.6 101.4
85 50.1	45.0 67.6
99 56.8	46.5 69.7



#56
 Ethyl methacrylate
 Concen: 16.682 ug/l
 RT: 10.600 min Scan# 1501
 Delta R.T. 0.006 min
 Lab File: VD080405.D
 Acq: 04 Jun 2025 09:29

Tgt Ion: 69	Resp: 29333
Ion Ratio	Lower Upper
69 100	
41 70.8	53.6 80.4
39 34.8	27.2 40.8





#57

1,3-Dichloropropane

Concen: 17.785 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

Instrument :

MSVOA_D

ClientSampleId :

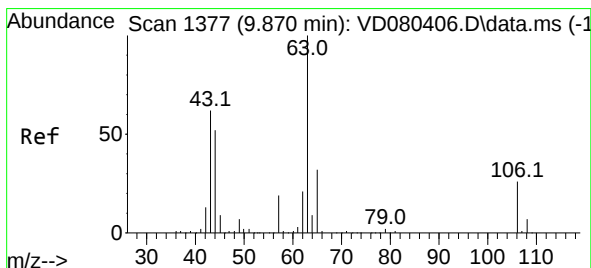
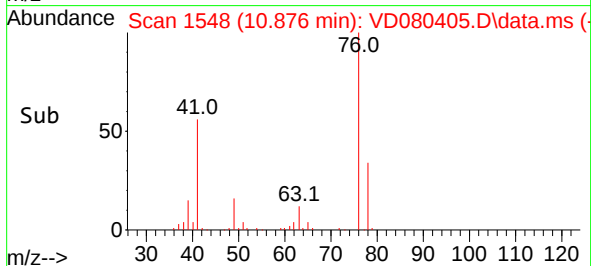
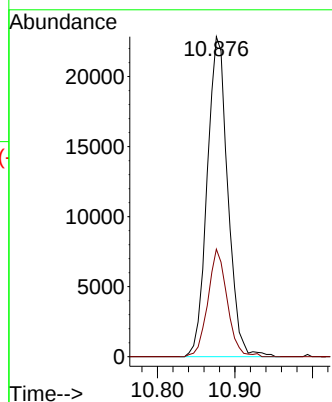
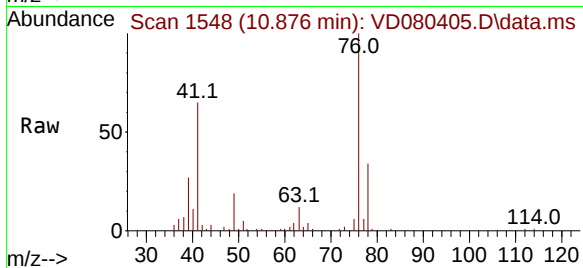
VSTDIC020

Tgt Ion: 76 Resp: 42201

Ion Ratio Lower Upper

76 100

78 31.5 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 94.605 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080405.D

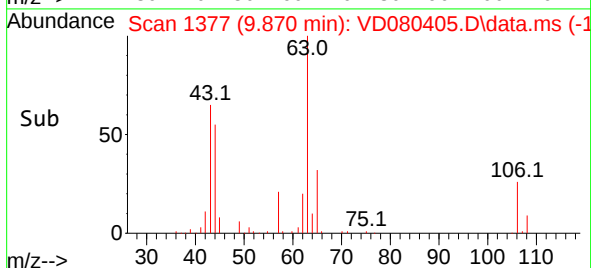
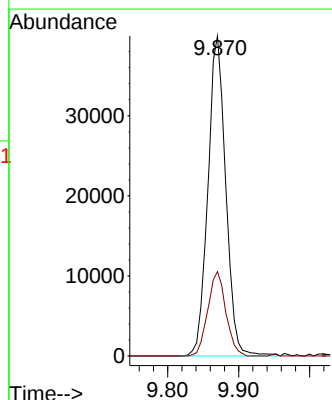
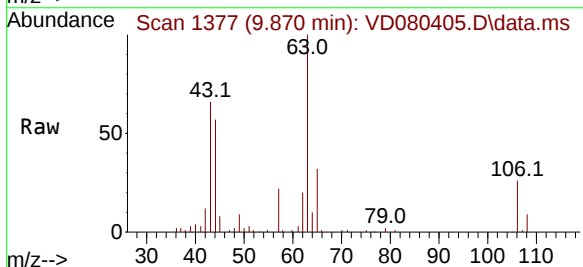
Acq: 04 Jun 2025 09:29

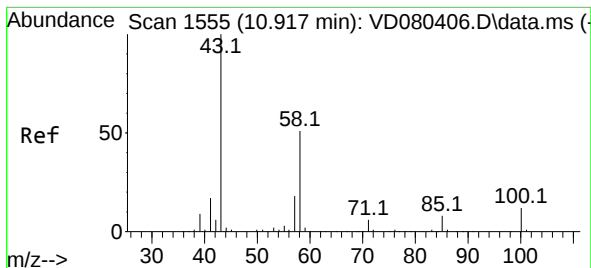
Tgt Ion: 63 Resp: 69714

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.6

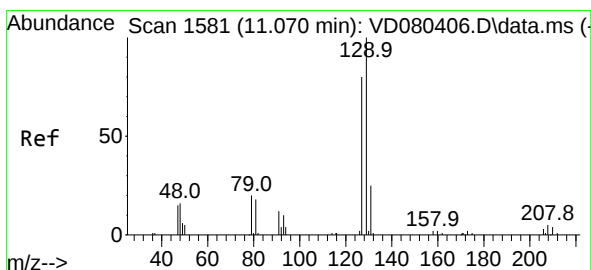
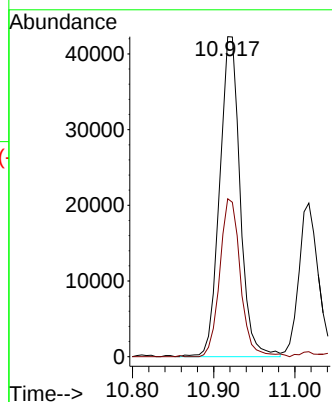
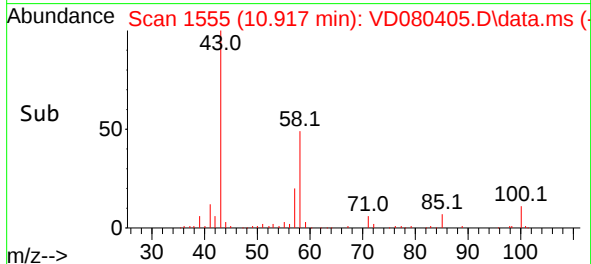
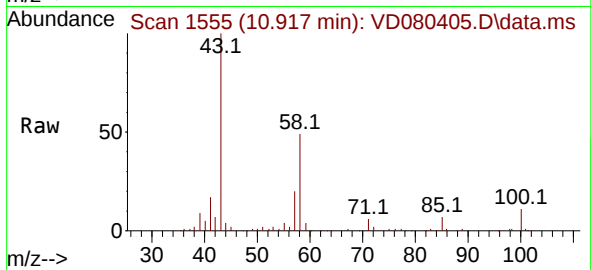




#59
2-Hexanone
Concen: 89.266 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

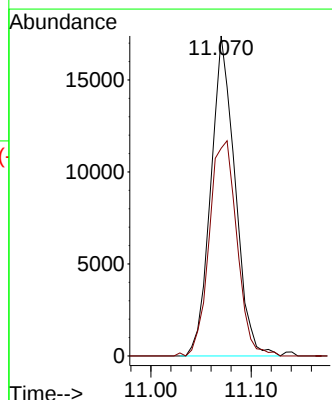
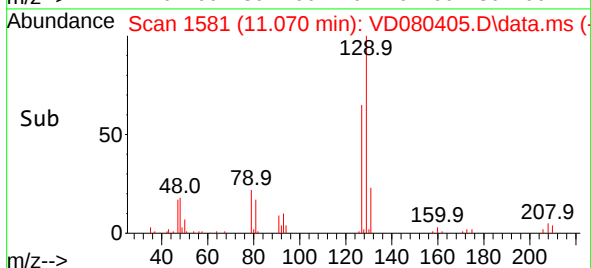
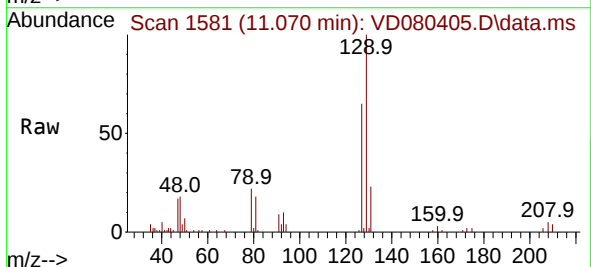
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

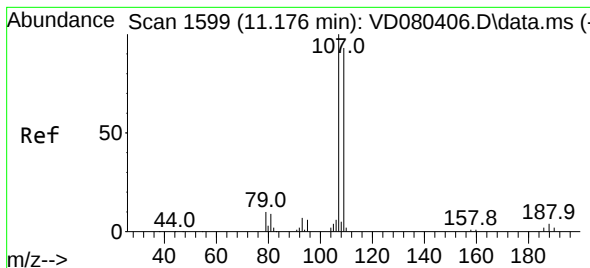
Tgt Ion: 43 Resp: 74277
Ion Ratio Lower Upper
43 100
58 49.6 26.9 80.6



#60
Dibromochloromethane
Concen: 17.190 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion: 129 Resp: 29153
Ion Ratio Lower Upper
129 100
127 76.8 38.2 114.6





#61

1,2-Dibromoethane

Concen: 17.033 ug/l

RT: 11.176 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

Instrument :

MSVOA_D

ClientSampleId :

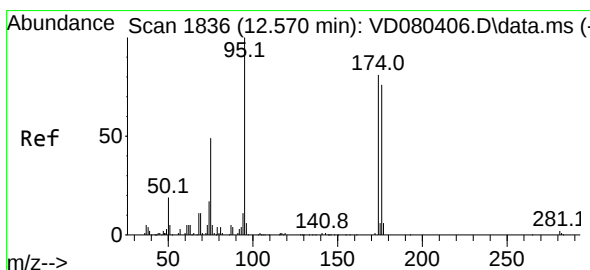
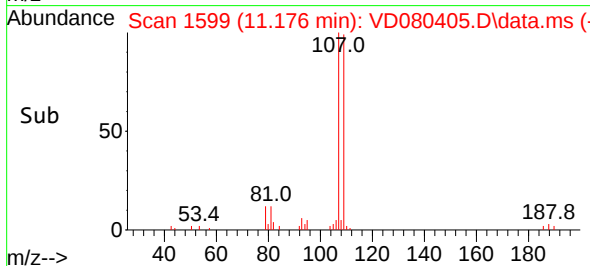
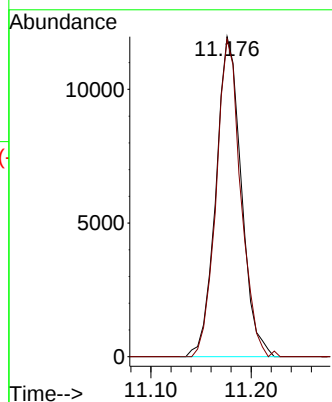
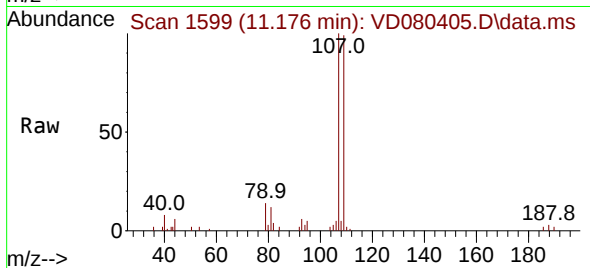
VSTDIC020

Tgt Ion:107 Resp: 21018

Ion Ratio Lower Upper

107 100

109 96.0 76.3 114.5



#62

4-Bromofluorobenzene

Concen: 20.235 ug/l

RT: 12.570 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

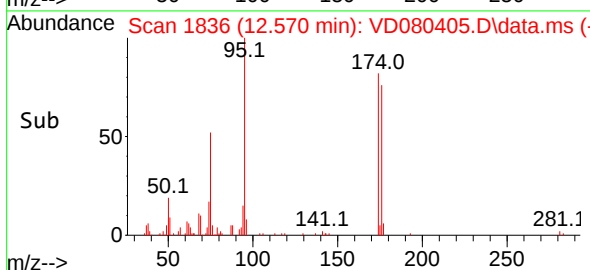
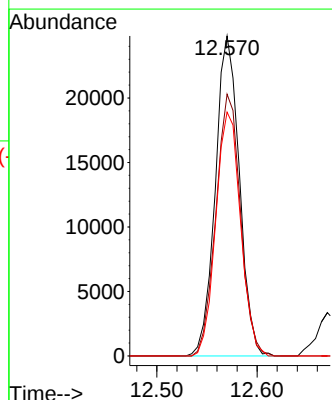
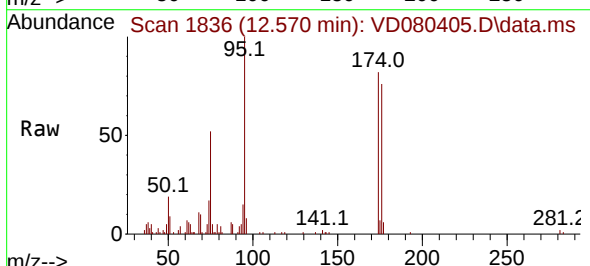
Tgt Ion: 95 Resp: 41226

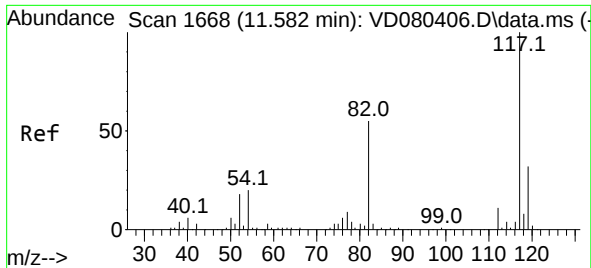
Ion Ratio Lower Upper

95 100

174 83.5 0.0 164.4

176 78.4 0.0 155.8

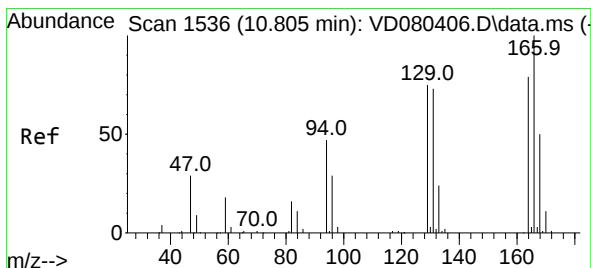
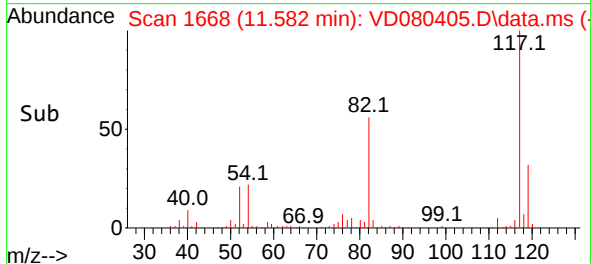
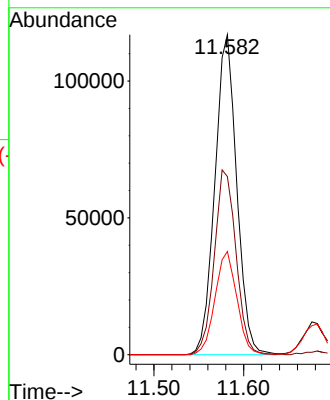
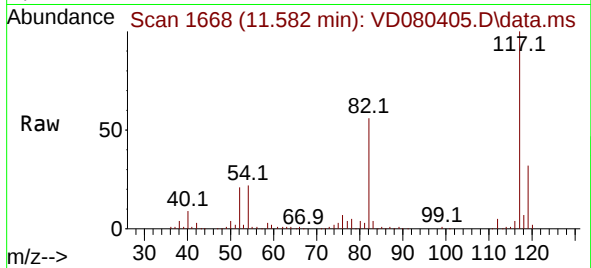




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

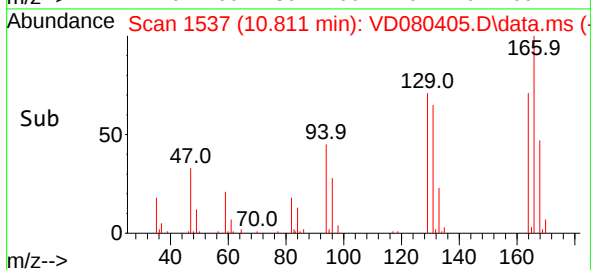
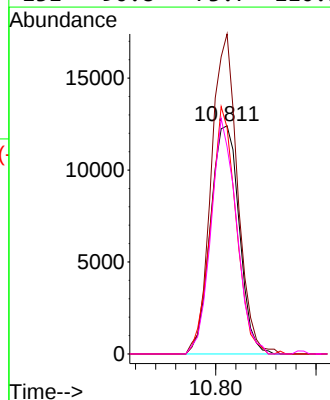
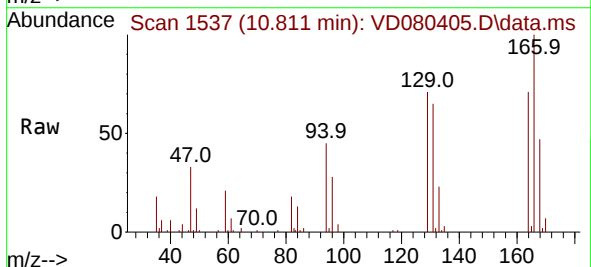
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

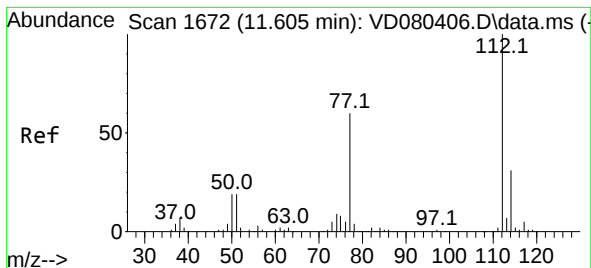
Tgt Ion:117 Resp: 198032
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.3 25.3 37.9



#64
Tetrachloroethene
Concen: 18.586 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.006 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion:164 Resp: 24713
Ion Ratio Lower Upper
164 100
166 140.2 101.7 152.5
129 99.2 76.6 114.8
131 90.8 73.7 110.5





#65

Chlorobenzene

Concen: 19.761 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

Instrument :

MSVOA_D

ClientSampleId :

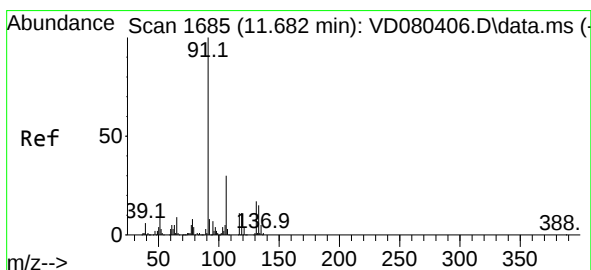
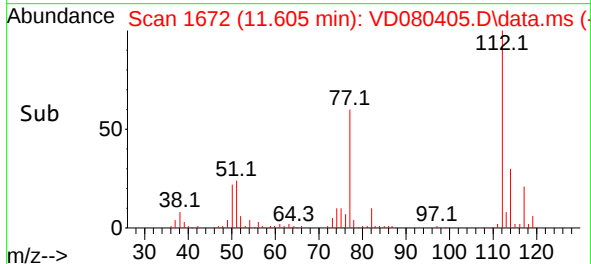
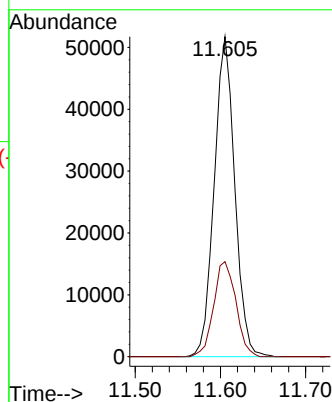
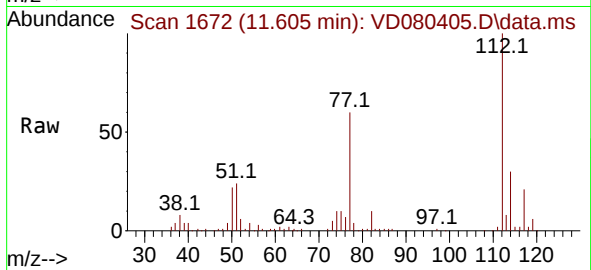
VSTDIC020

Tgt Ion:112 Resp: 86556

Ion Ratio Lower Upper

112 100

114 29.7 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 19.412 ug/l

RT: 11.676 min Scan# 1684

Delta R.T. -0.006 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

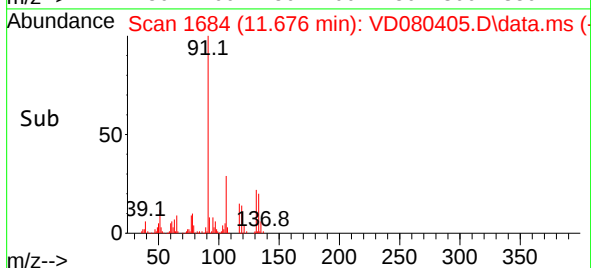
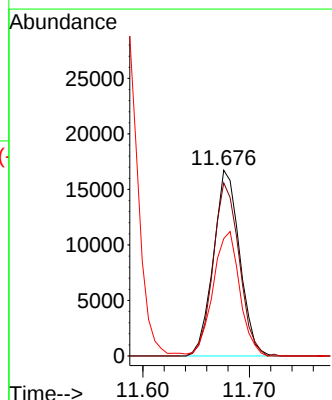
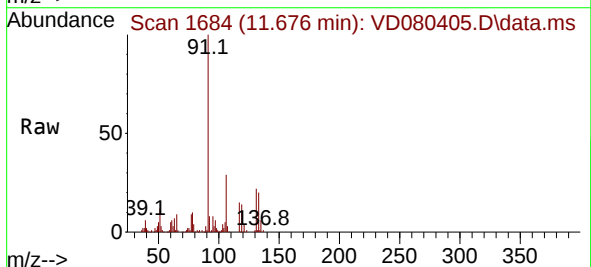
Tgt Ion:131 Resp: 28547

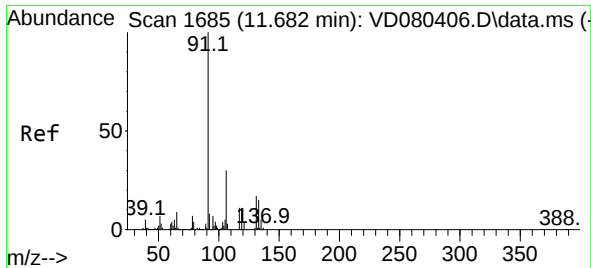
Ion Ratio Lower Upper

131 100

133 92.7 45.9 137.6

119 68.3 33.1 99.5

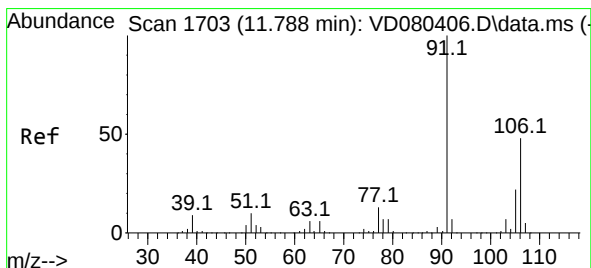
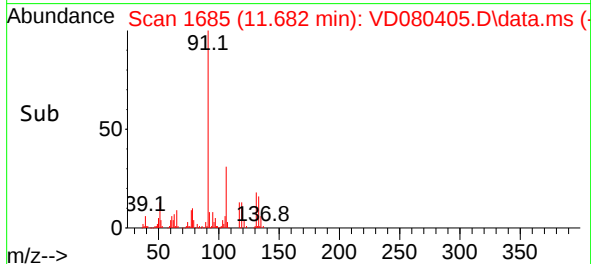
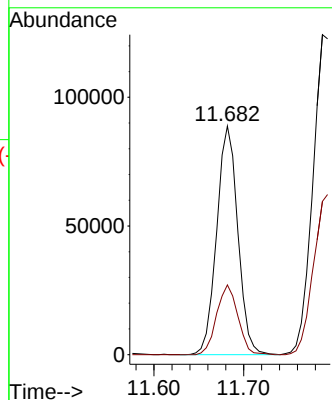
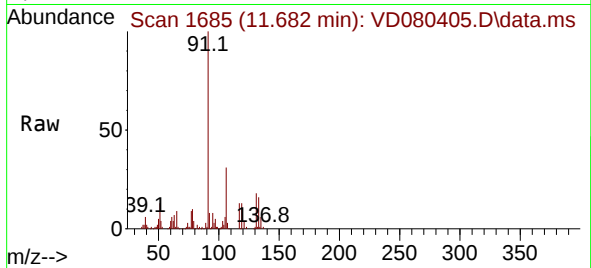




#67
Ethyl Benzene
Concen: 19.246 ug/l
RT: 11.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

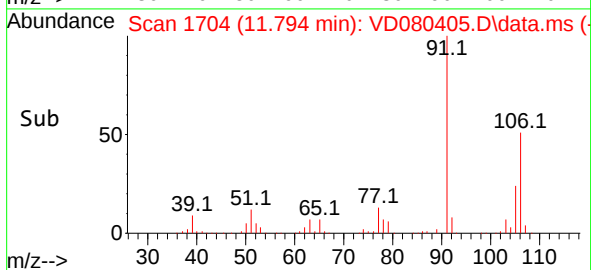
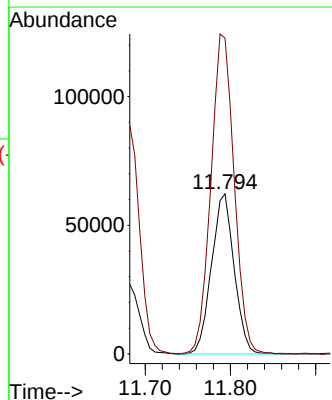
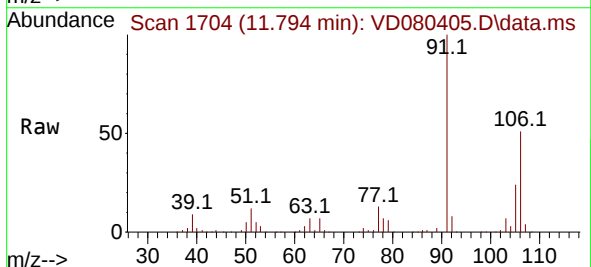
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

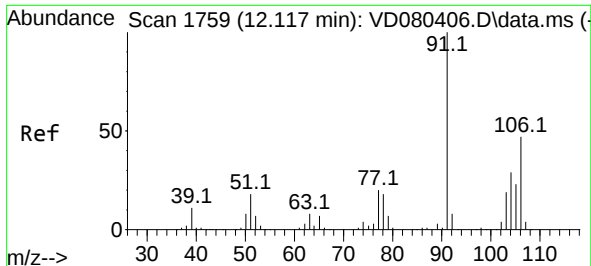
Tgt Ion: 91 Resp: 145075
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6



#68
m/p-Xylenes
Concen: 40.228 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion: 106 Resp: 115071
Ion Ratio Lower Upper
106 100
91 205.2 163.6 245.4

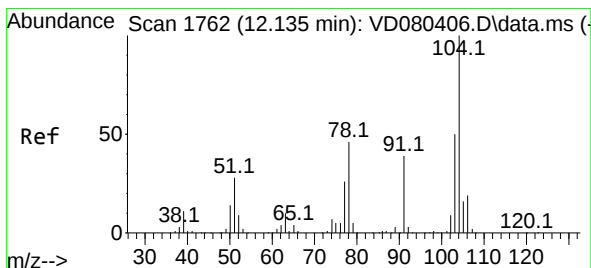
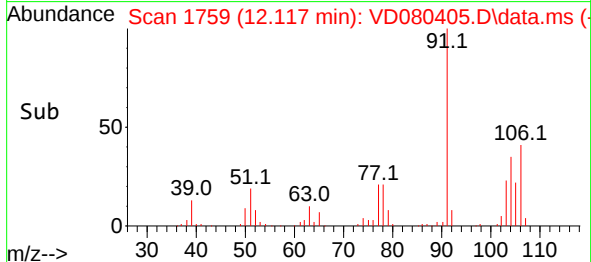
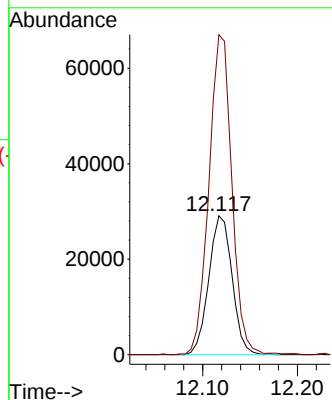
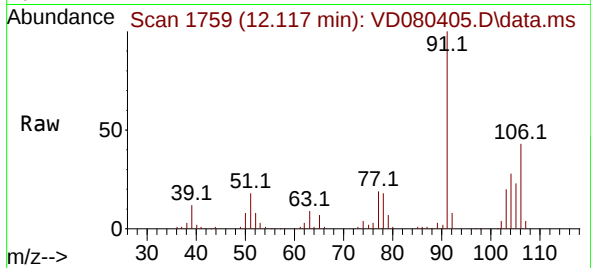




#69
o-Xylene
Concen: 18.739 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

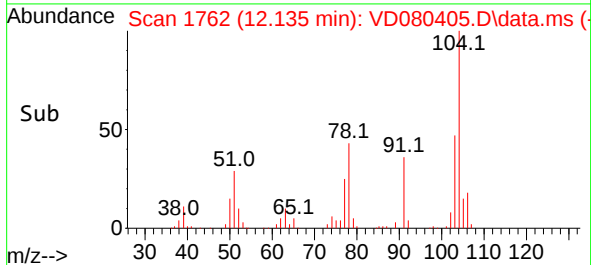
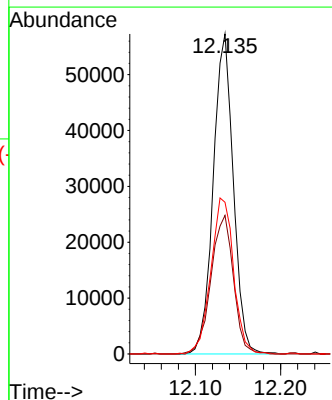
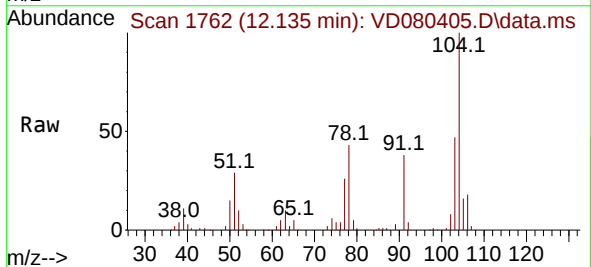
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

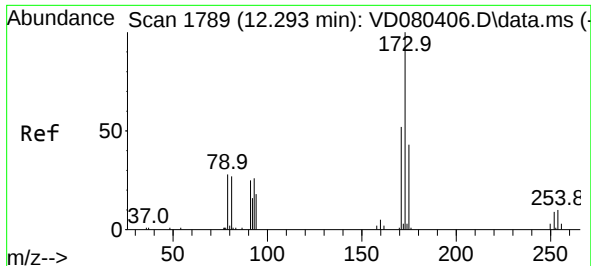
Tgt Ion:106 Resp: 49736
Ion Ratio Lower Upper
106 100
91 226.9 108.2 324.6



#70
Styrene
Concen: 19.999 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion:104 Resp: 93687
Ion Ratio Lower Upper
104 100
78 48.5 39.9 59.9
103 55.1 45.0 67.4

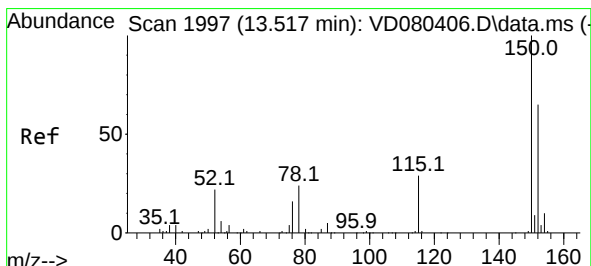
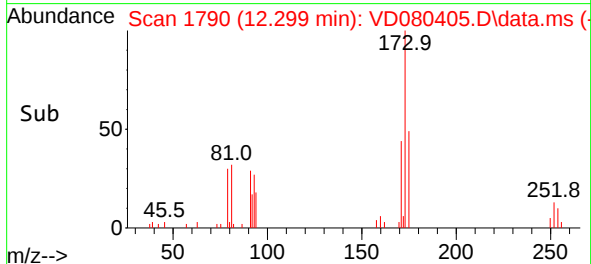
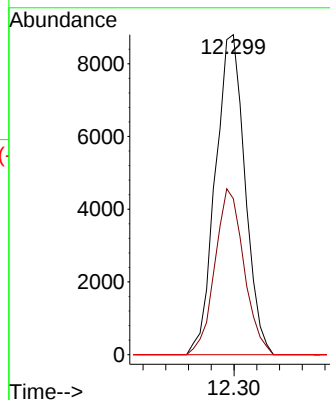
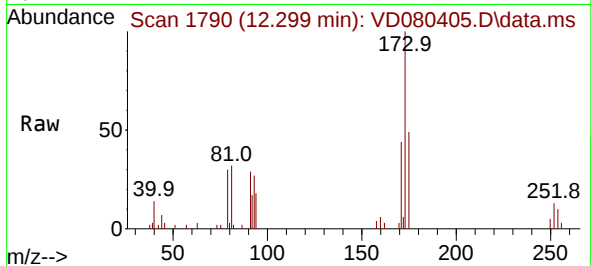




#71
Bromoform
Concen: 19.110 ug/l
RT: 12.299 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

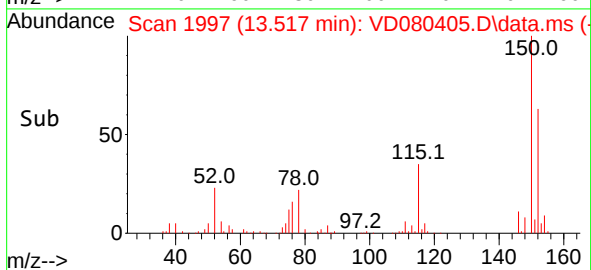
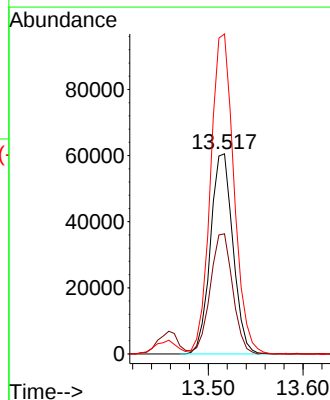
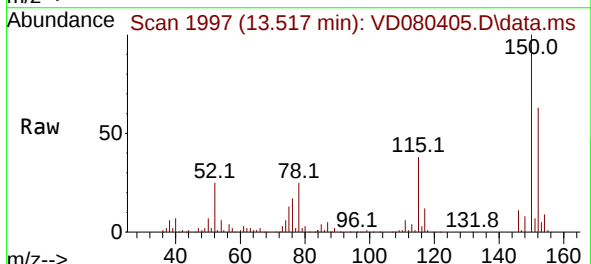
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

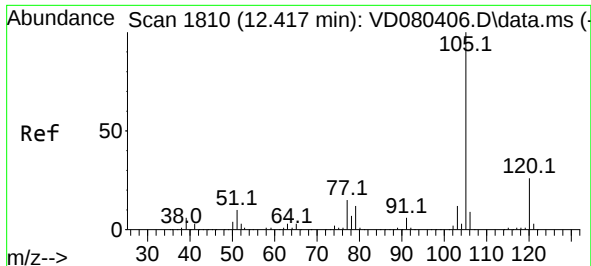
Tgt Ion:173 Resp: 15887
Ion Ratio Lower Upper
173 100
175 50.9 23.4 70.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion:152 Resp: 99957
Ion Ratio Lower Upper
152 100
115 59.8 30.1 90.5
150 166.2 0.0 354.2

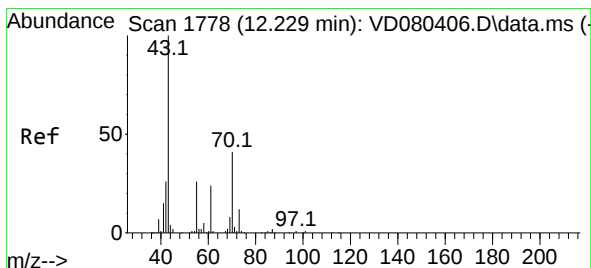
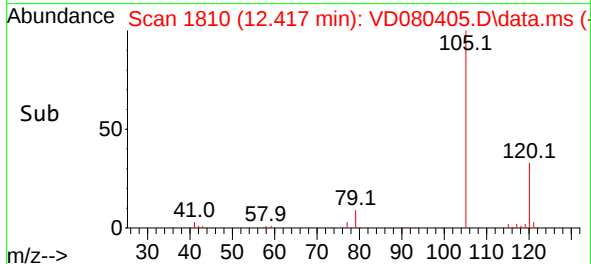
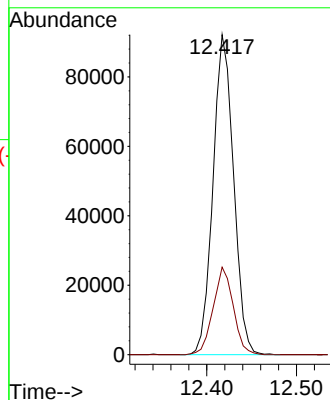
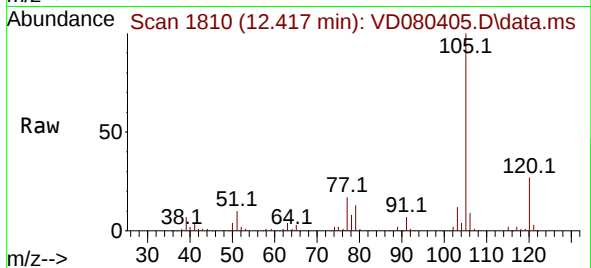




#73
Isopropylbenzene
Concen: 21.640 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

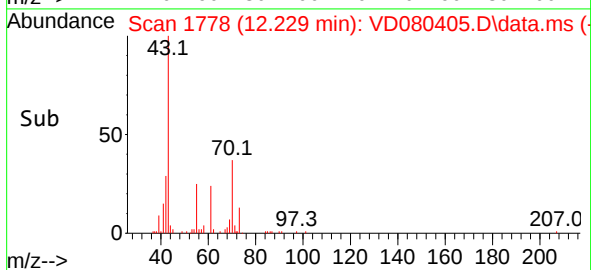
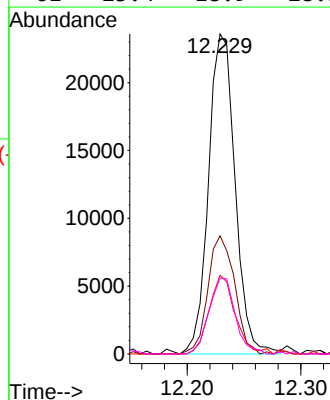
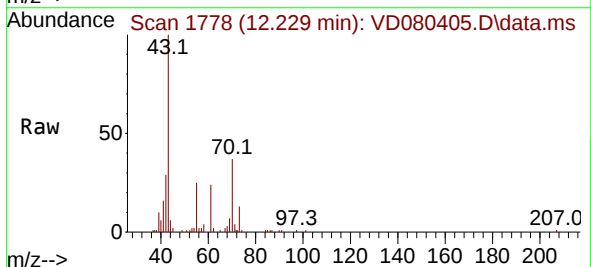
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

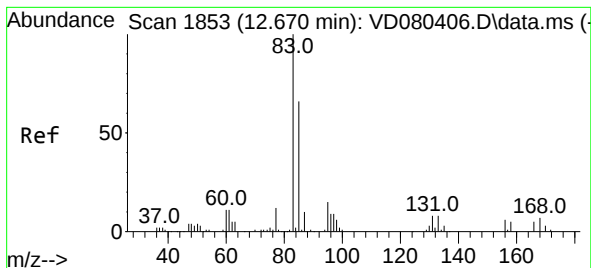
Tgt Ion:105 Resp: 146828
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.7



#74
N-ethyl acetate
Concen: 20.273 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion: 43 Resp: 38405
Ion Ratio Lower Upper
43 100
70 37.1 32.6 48.8
55 24.1 20.0 30.0
61 23.4 18.9 28.3

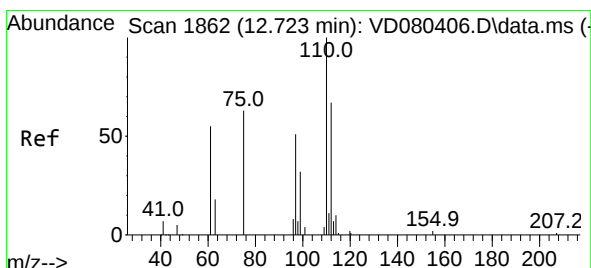
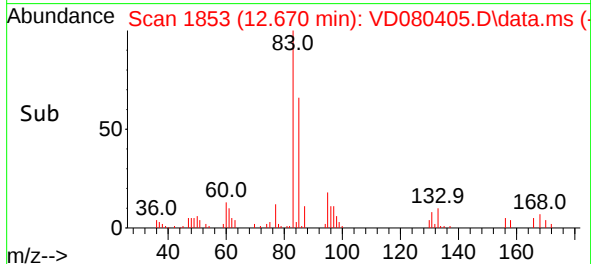
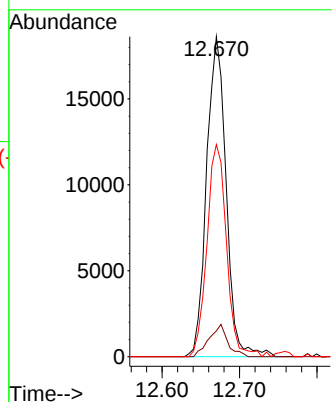
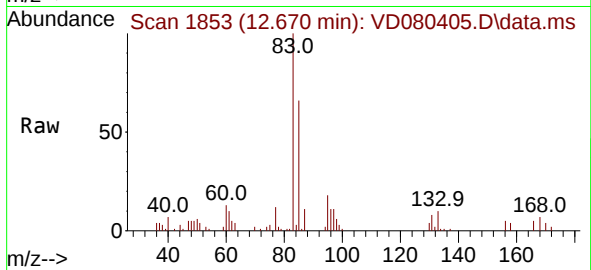




#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.225 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080405.D
 Acq: 04 Jun 2025 09:29

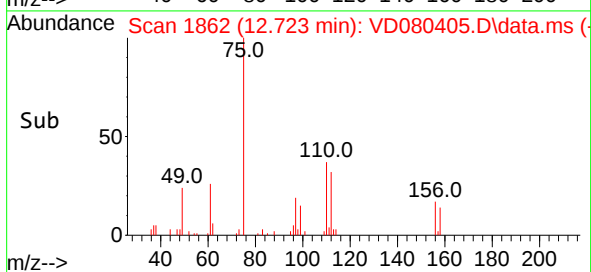
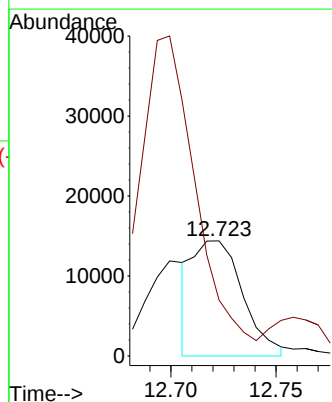
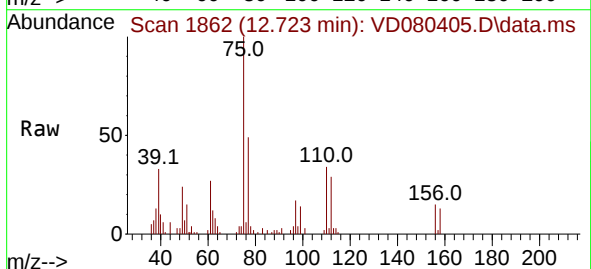
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

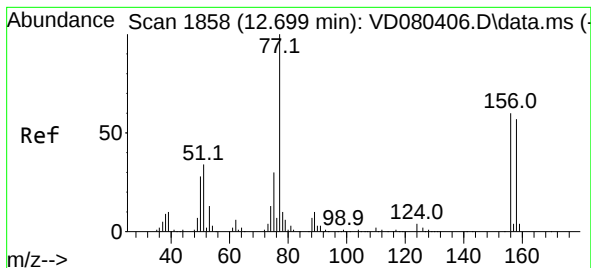
Tgt Ion: 83 Resp: 32595
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.6 13.8
 85 66.2 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 20.614 ug/l m
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VD080405.D
 Acq: 04 Jun 2025 09:29

Tgt Ion: 75 Resp: 23796
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 23.136 ug/l

RT: 12.694 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

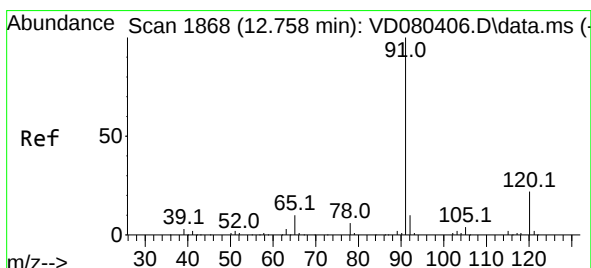
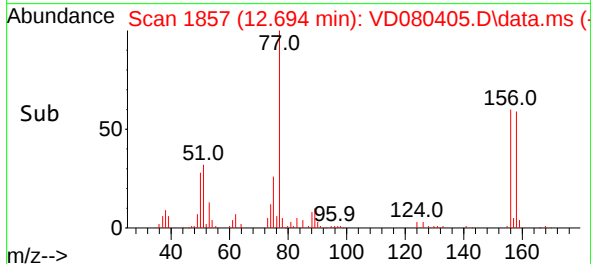
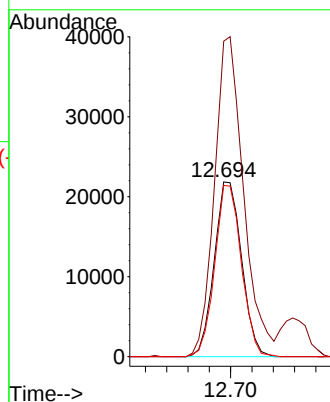
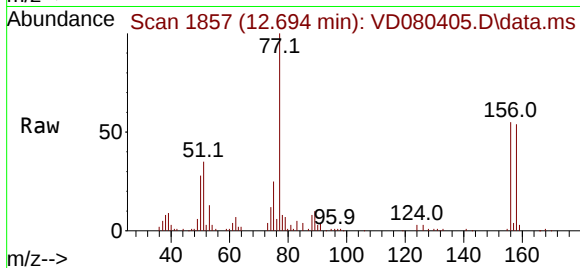
Tgt Ion:156 Resp: 38925

Ion Ratio Lower Upper

156 100

77 195.0 95.3 286.1

158 95.3 48.0 144.0



#78

n-propylbenzene

Concen: 22.432 ug/l

RT: 12.758 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD080405.D

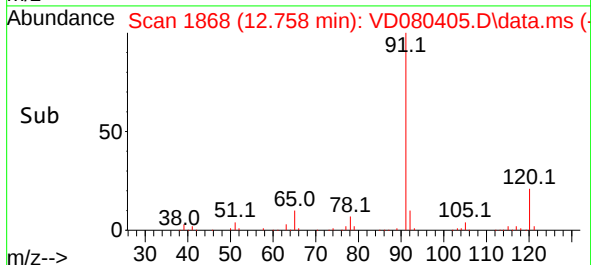
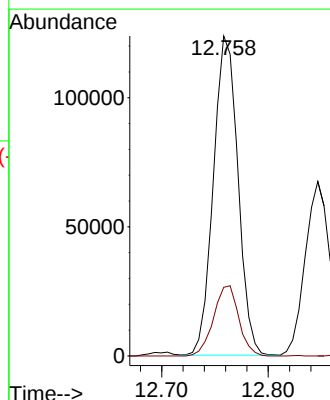
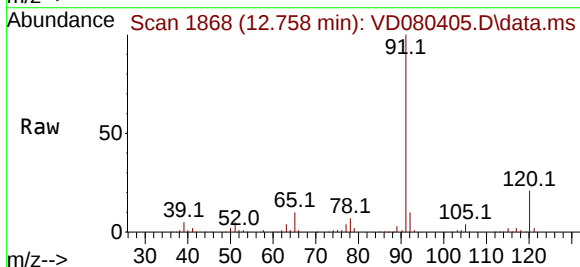
Acq: 04 Jun 2025 09:29

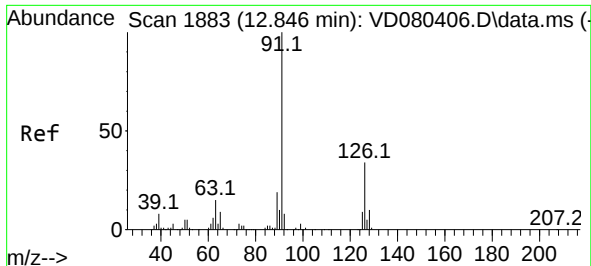
Tgt Ion: 91 Resp: 197652

Ion Ratio Lower Upper

91 100

120 22.6 11.2 33.5

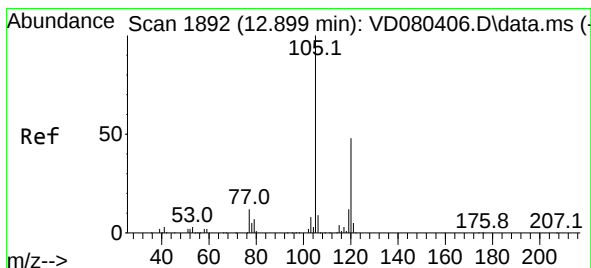
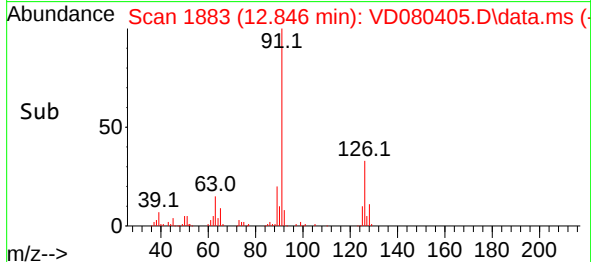
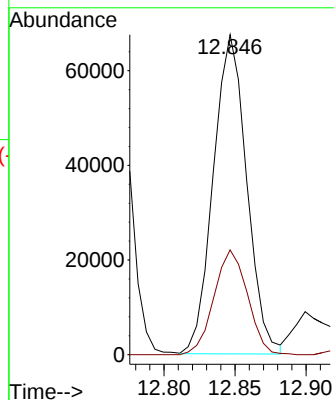
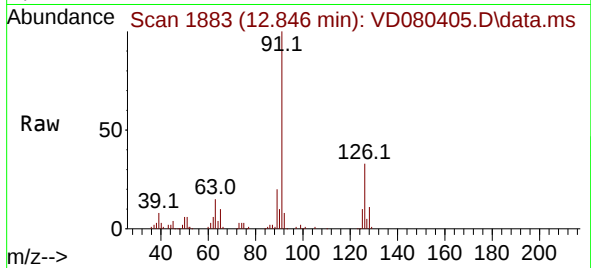




#79
2-Chlorotoluene
Concen: 21.895 ug/l
RT: 12.846 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

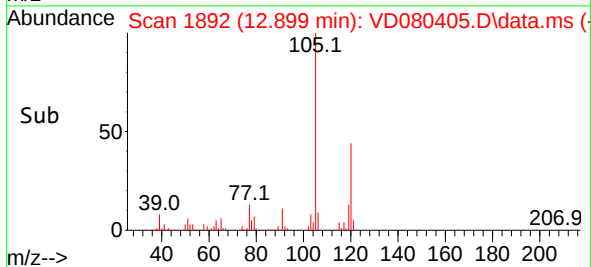
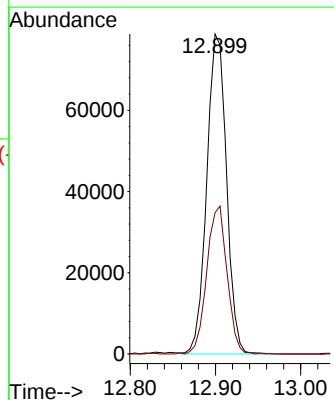
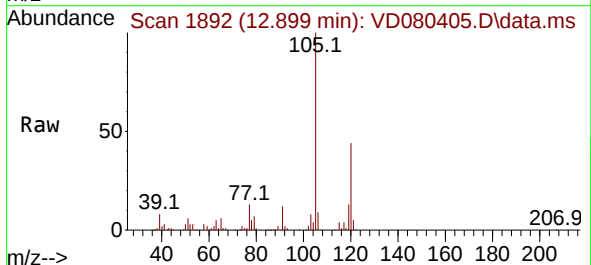
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

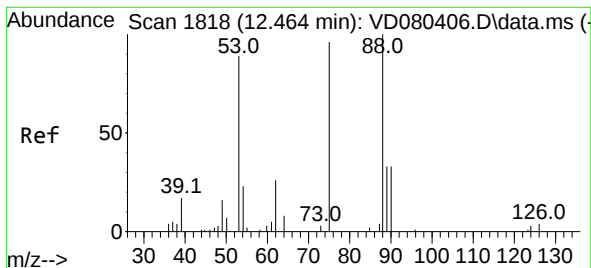
Tgt Ion: 91 Resp: 110298
Ion Ratio Lower Upper
91 100
126 32.9 16.5 49.5



#80
1,3,5-Trimethylbenzene
Concen: 21.832 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion: 105 Resp: 126806
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.4

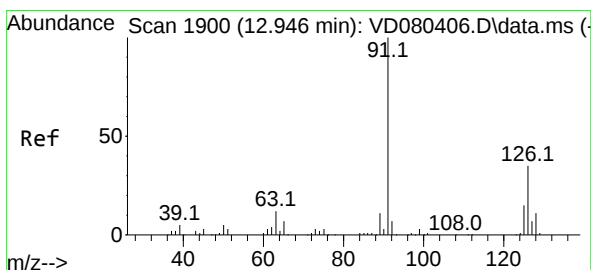
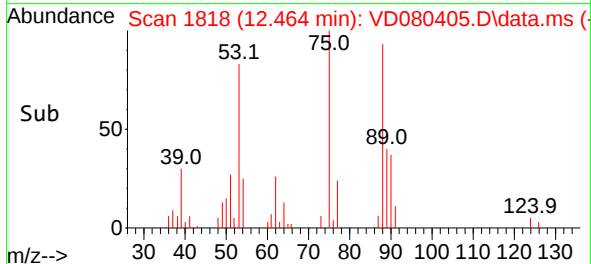
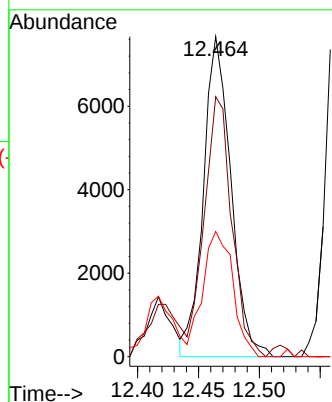
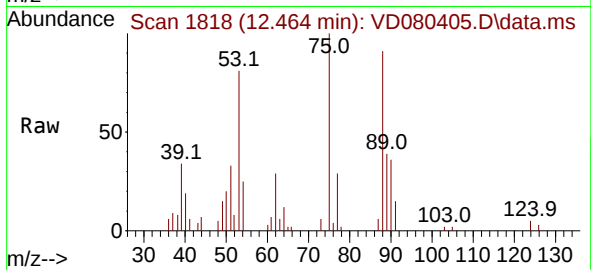




#81
 trans-1,4-Dichloro-2-butene
 Concen: 23.393 ug/l
 RT: 12.464 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: VD080405.D
 Acq: 04 Jun 2025 09:29

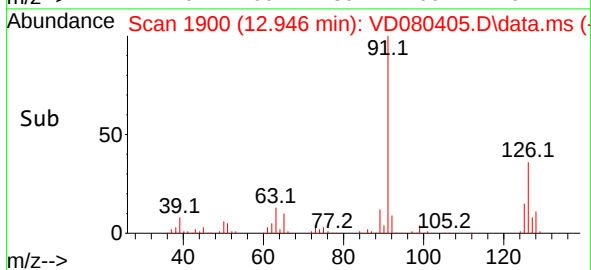
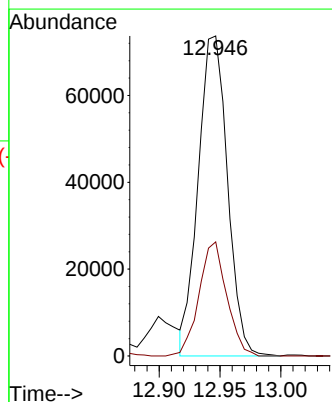
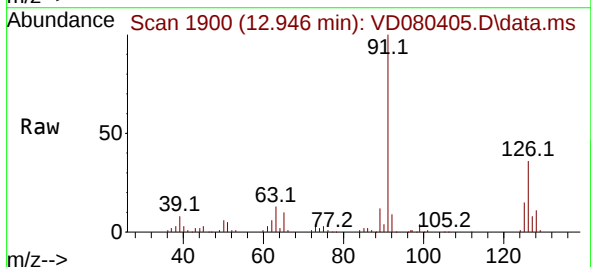
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

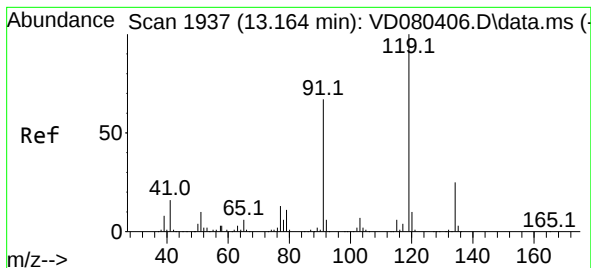
Tgt Ion: 75 Resp: 12063
 Ion Ratio Lower Upper
 75 100
 53 80.6 69.9 104.9
 89 42.7 34.1 51.1



#82
 4-Chlorotoluene
 Concen: 23.004 ug/l
 RT: 12.946 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VD080405.D
 Acq: 04 Jun 2025 09:29

Tgt Ion: 91 Resp: 123368
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.5 49.5





#83

tert-Butylbenzene

Concen: 21.753 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. 0.000 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

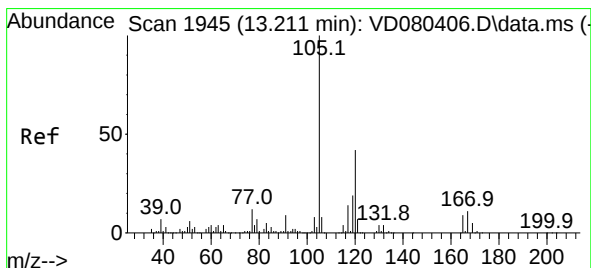
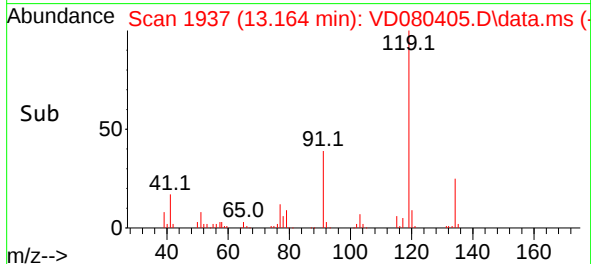
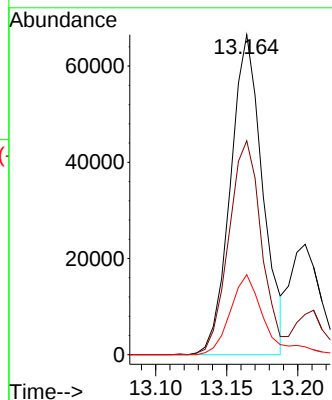
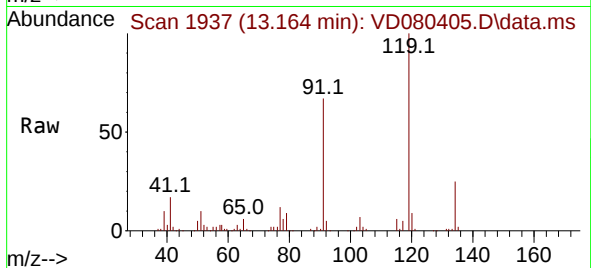
Tgt Ion:119 Resp: 105169

Ion Ratio Lower Upper

119 100

91 69.0 34.2 102.5

134 26.5 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 21.724 ug/l

RT: 13.205 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VD080405.D

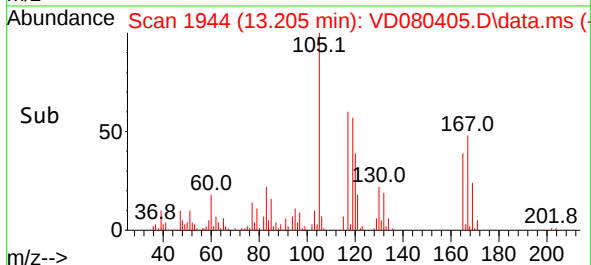
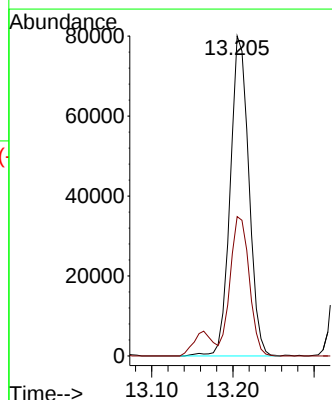
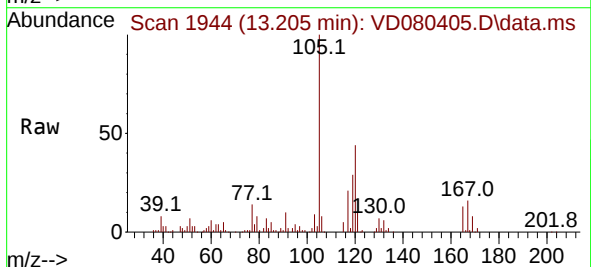
Acq: 04 Jun 2025 09:29

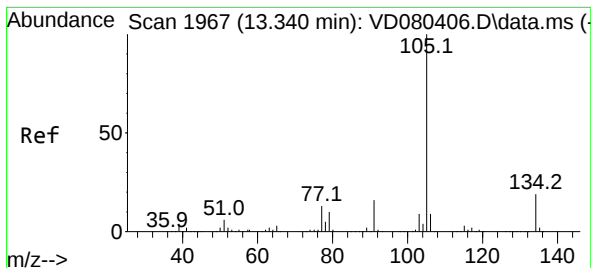
Tgt Ion:105 Resp: 127359

Ion Ratio Lower Upper

105 100

120 44.6 22.1 66.5





#85

sec-Butylbenzene

Concen: 20.238 ug/l

RT: 13.341 min Scan# 1967

Delta R.T. 0.000 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

Instrument :

MSVOA_D

ClientSampleId :

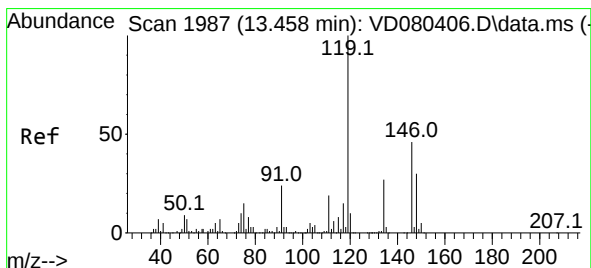
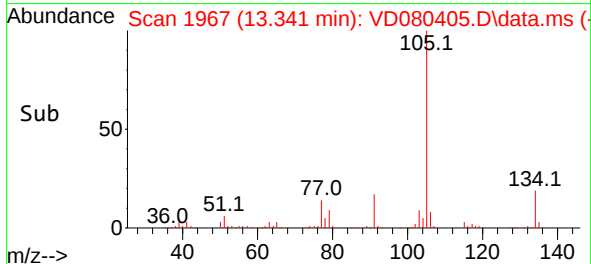
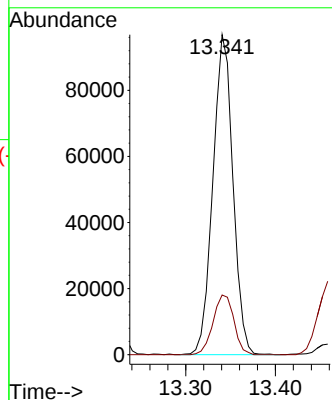
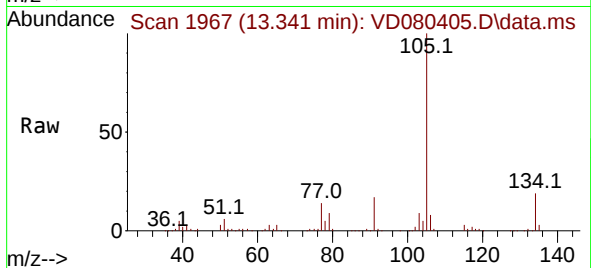
VSTDIC020

Tgt Ion:105 Resp: 150089

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.5



#86

p-Isopropyltoluene

Concen: 19.125 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VD080405.D

Acq: 04 Jun 2025 09:29

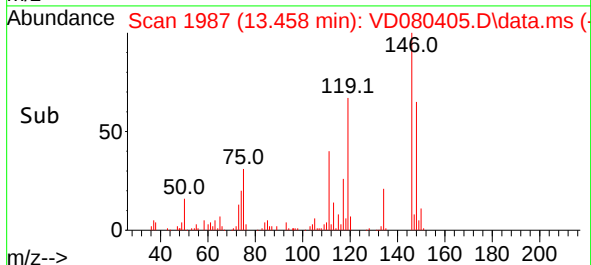
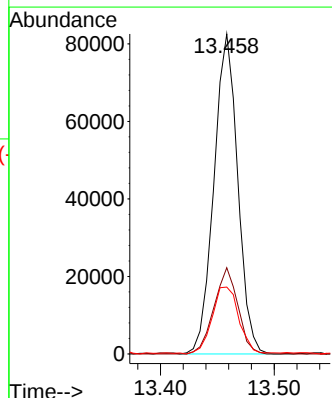
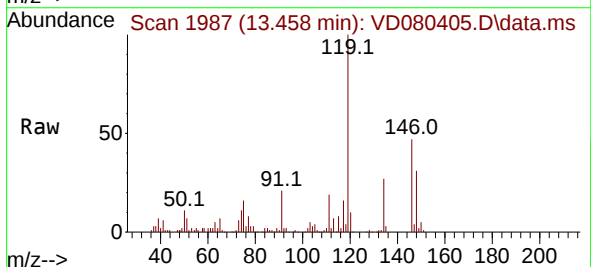
Tgt Ion:119 Resp: 120274

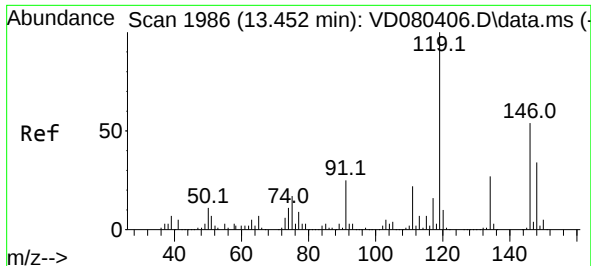
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

91 23.8 12.0 36.1

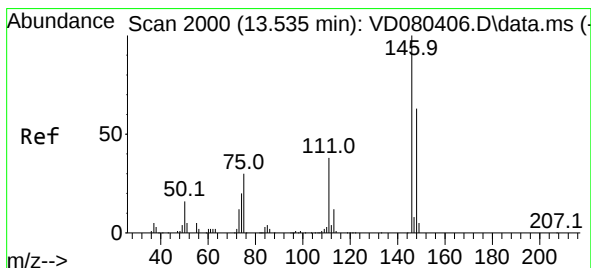
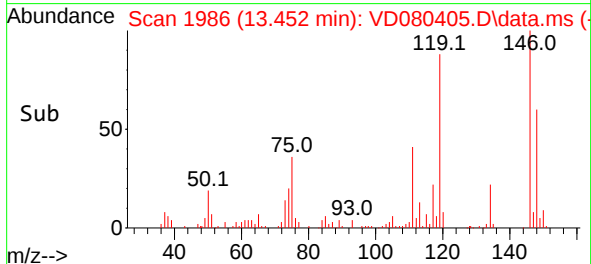
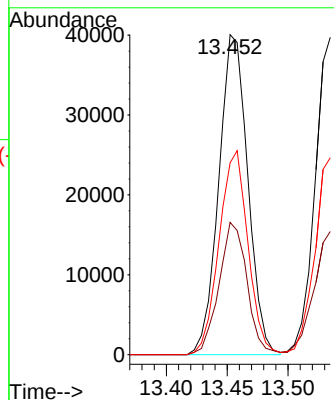
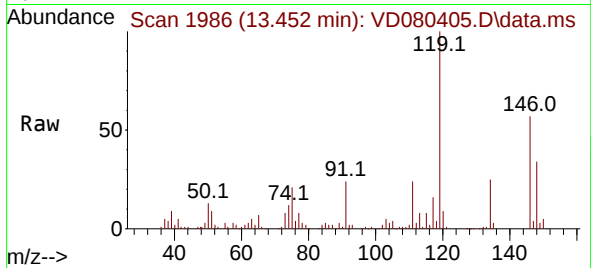




#87
 1,3-Dichlorobenzene
 Concen: 19.425 ug/l
 RT: 13.452 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VD080405.D
 Acq: 04 Jun 2025 09:29

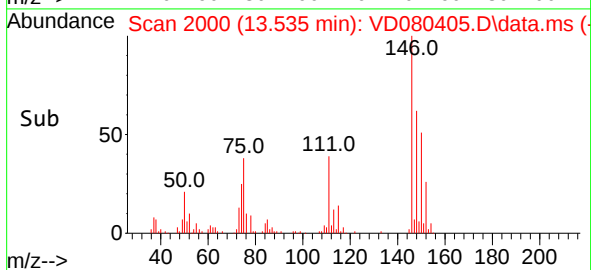
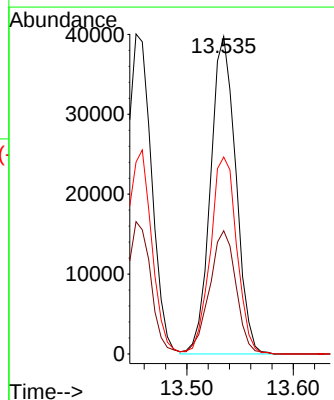
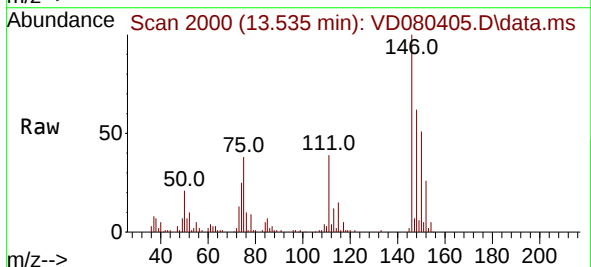
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

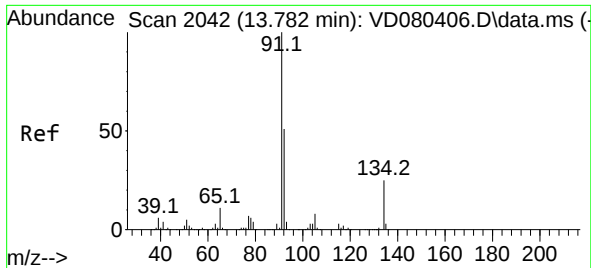
Tgt Ion:146 Resp: 66554
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.3 60.8
 148 63.4 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.819 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: VD080405.D
 Acq: 04 Jun 2025 09:29

Tgt Ion:146 Resp: 65675
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.0 57.0
 148 64.6 31.2 93.6

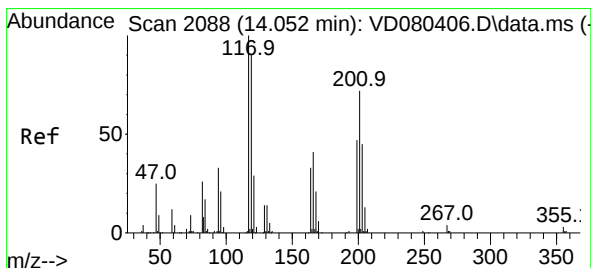
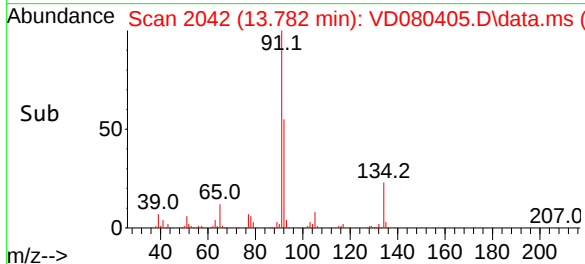
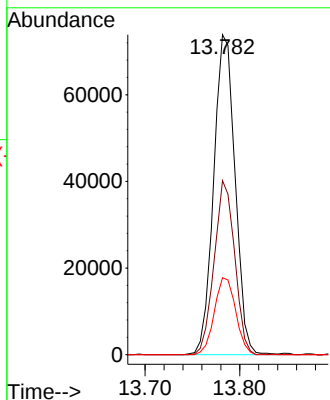
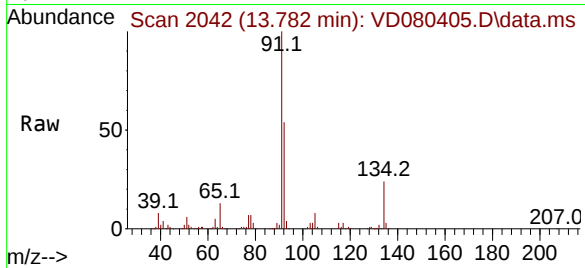




#89
n-Butylbenzene
Concen: 18.726 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

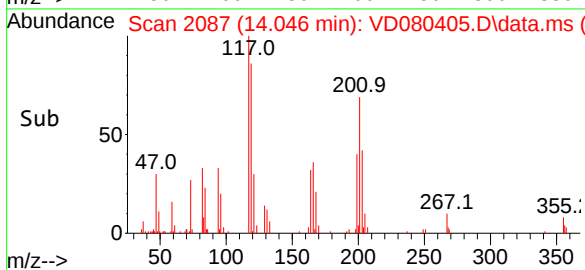
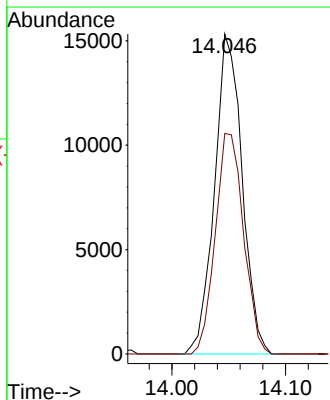
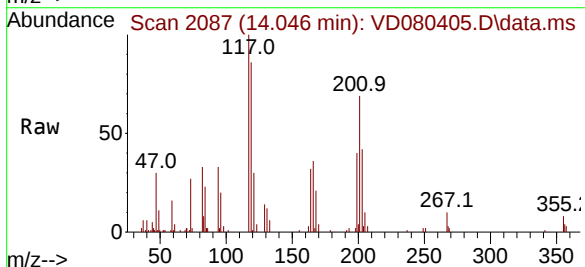
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

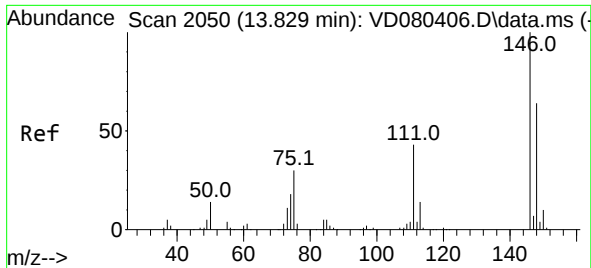
Tgt Ion: 91 Resp: 116206
Ion Ratio Lower Upper
91 100
92 52.2 26.5 79.5
134 24.0 12.3 36.8



#90
Hexachloroethane
Concen: 19.550 ug/l
RT: 14.046 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion: 117 Resp: 25860
Ion Ratio Lower Upper
117 100
201 70.5 36.6 109.8

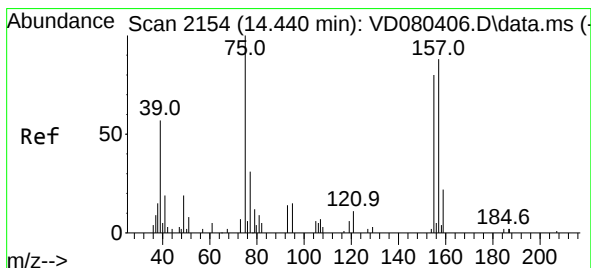
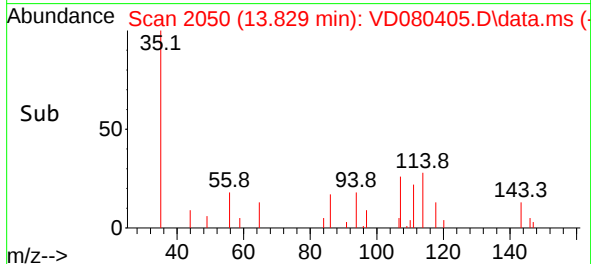
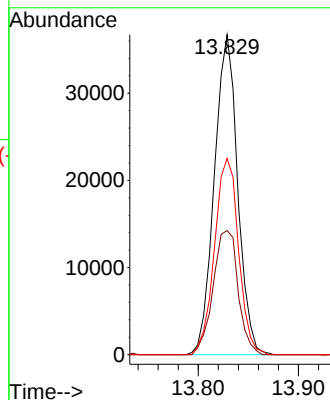
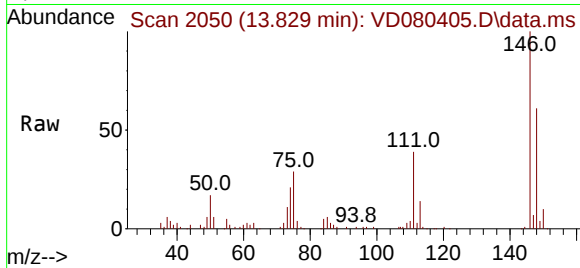




#91
1,2-Dichlorobenzene
Concen: 19.643 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

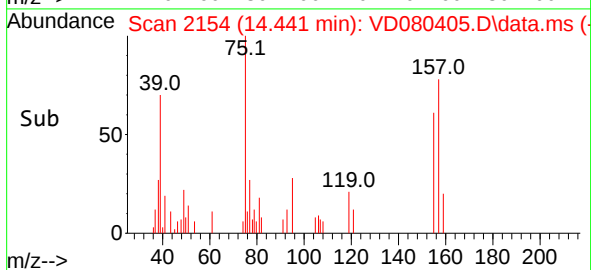
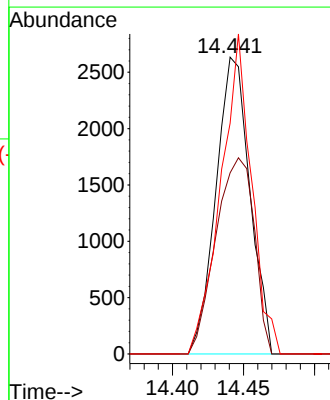
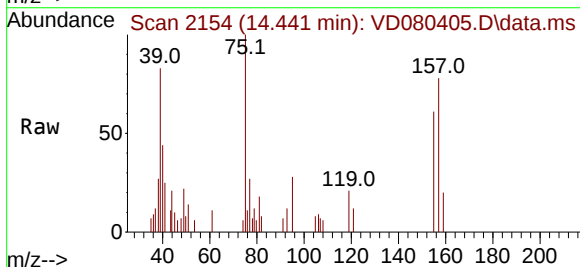
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

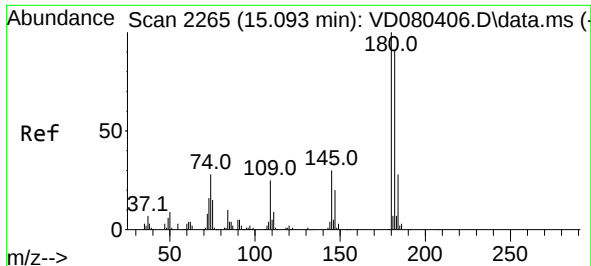
Tgt Ion:	146	Resp:	59314
Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.1	63.3
148	63.2	32.6	97.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.305 ug/l
RT: 14.441 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion:	75	Resp:	4388
Ion	Ratio	Lower	Upper
75	100		
155	74.6	37.6	112.9
157	97.0	49.5	148.5

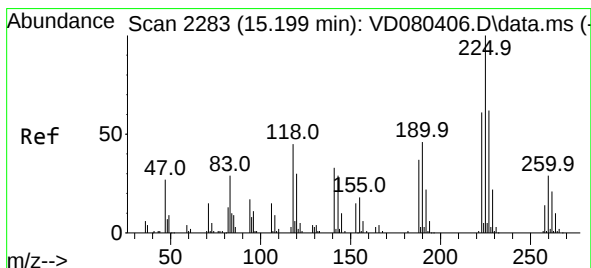
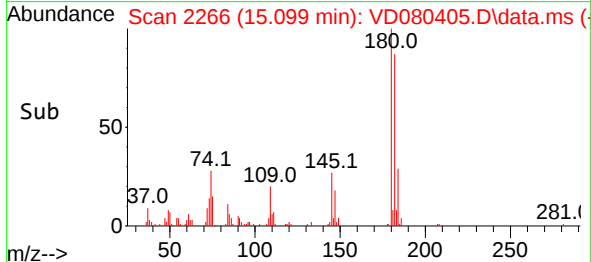
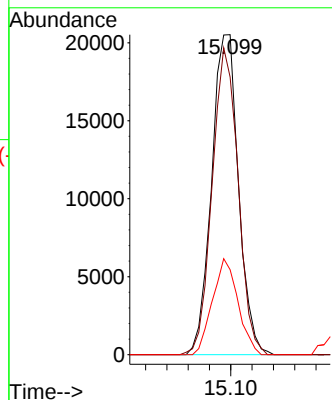
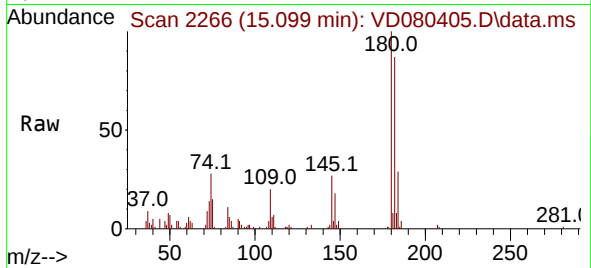




#93
 1,2,4-Trichlorobenzene
 Concen: 19.463 ug/l
 RT: 15.099 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD080405.D
 Acq: 04 Jun 2025 09:29

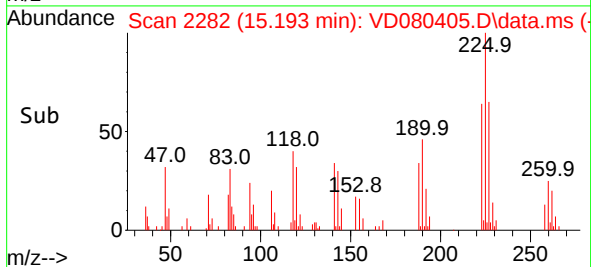
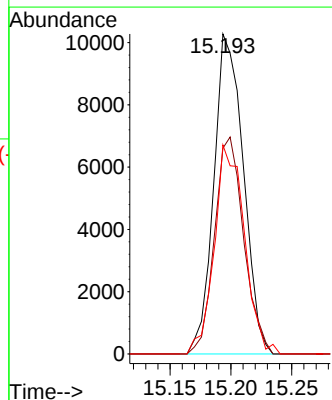
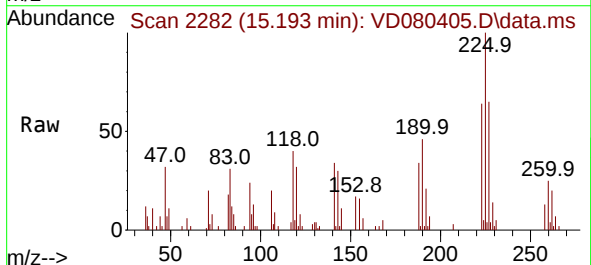
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

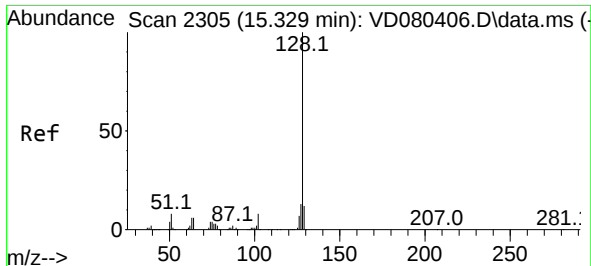
Tgt Ion:180 Resp: 35929
 Ion Ratio Lower Upper
 180 100
 182 92.2 47.6 142.8
 145 28.5 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 18.835 ug/l
 RT: 15.193 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: VD080405.D
 Acq: 04 Jun 2025 09:29

Tgt Ion:225 Resp: 17323
 Ion Ratio Lower Upper
 225 100
 223 67.2 31.6 95.0
 227 66.5 31.1 93.2

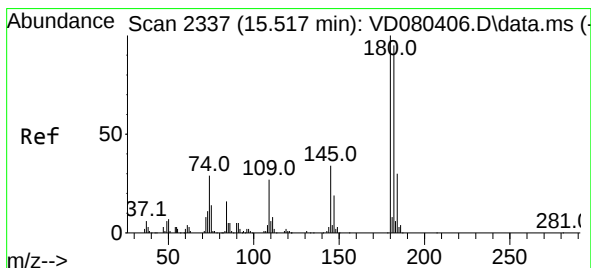
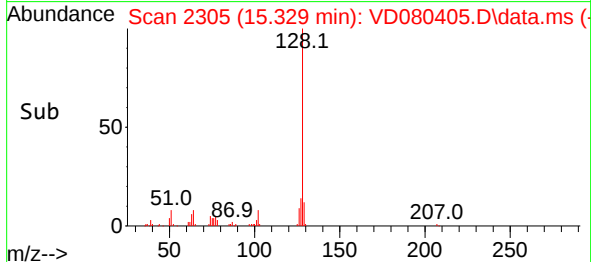
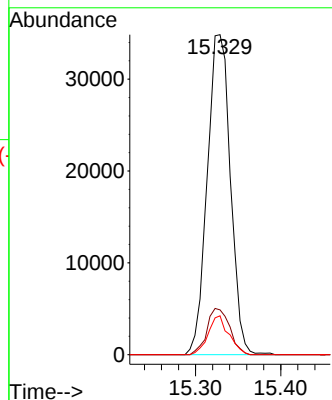
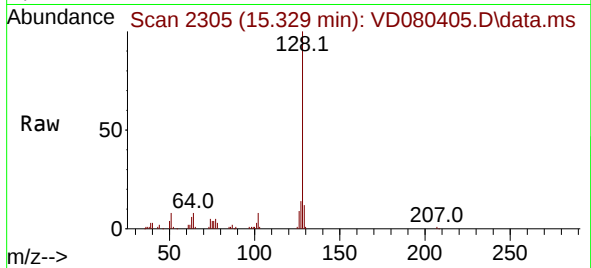




#95
Naphthalene
Concen: 18.557 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 65931
Ion Ratio Lower Upper
128 100
127 14.0 10.8 16.2
129 12.2 9.4 14.2



#96
1,2,3-Trichlorobenzene
Concen: 19.267 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD080405.D
Acq: 04 Jun 2025 09:29

Tgt Ion:180 Resp: 31847
Ion Ratio Lower Upper
180 100
182 93.8 47.3 142.0
145 30.4 16.5 49.5

