

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082025\
 Data File : VR026741.D
 Acq On : 20 Aug 2025 14:49
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 21 08:36:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 21 08:23:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.385	168	1869908	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.386	114	3097468	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.563	117	2447961	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.757	152	763829	50.000	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.760	65	114777	4.888	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	9.780%#
34) Dibromofluoromethane	7.295	113	90823	4.496	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	9.000%#
49) Toluene-d8	10.070	98	365583	5.398	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	10.800%#
61) 4-Bromofluorobenzene	12.692	95	87141	4.535	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	9.060%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.820	85	86793	4.912	ug/l	90
3) Chloromethane	1.814	50	8839	4.204	ug/l #	98
4) Vinyl Chloride	2.119	62	155484	5.348	ug/l	99
5) Bromomethane	2.440	94	38346	4.296	ug/l	92
6) Chloroethane	2.562	64	98895	3.994	ug/l	88
7) Trichlorofluoromethane	2.857	101	329316	5.843	ug/l	94
8) Diethyl Ether	3.229	74	92546	5.133	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.540	101	114520	5.085	ug/l	98
10) Methyl Iodide	3.701	142	112332	4.693	ug/l #	90
11) Tert butyl alcohol	4.506	59	78902	21.856	ug/l	97
12) 1,1-Dichloroethene	3.511	96	118411	4.845	ug/l	95
13) Acrolein	3.399	56	53730	18.030	ug/l #	79
14) Allyl chloride	4.041	41	212986	4.729	ug/l #	88
15) Acrylonitrile	4.651	53	388977	25.194	ug/l	99
16) Acetone	3.604	43	373088	30.015	ug/l	99
17) Carbon Disulfide	3.797	76	254618	4.290	ug/l	99
18) Methyl Acetate	4.067	43	175174	4.838	ug/l #	72
19) Methyl tert-butyl Ether	4.715	73	369519	4.767	ug/l	96
20) Methylene Chloride	4.249	84	138837	5.235	ug/l	98
21) trans-1,2-Dichloroethene	4.692	96	118968	4.656	ug/l	95
22) Diisopropyl ether	5.610	45	472798	5.102	ug/l	97
23) Vinyl Acetate	5.539	43	1929130	21.908	ug/l #	71
24) 1,1-Dichloroethane	5.485	63	228060	5.002	ug/l	100
25) 2-Butanone	6.499	43	515582	26.715	ug/l	90
26) 2,2-Dichloropropane	6.473	77	134865	4.317	ug/l	83
27) cis-1,2-Dichloroethene	6.470	96	133627	4.620	ug/l	97
28) Bromochloromethane	6.865	49	84865	6.288	ug/l	96
29) Chloroform	7.060	83	200172	4.886	ug/l	96
30) Cyclohexane	7.369	56	266148	5.535	ug/l #	94
31) 1,1,1-Trichloroethane	7.275	97	145079	4.361	ug/l	97
35) 1,1-Dichloropropene	7.519	75	142096	4.517	ug/l	99
36) Ethyl Acetate	6.595	43	183960	4.562	ug/l #	87
37) Carbon Tetrachloride	7.494	117	116108	4.101	ug/l	94
38) Methylcyclohexane	8.941	83	185745	4.718	ug/l	96
39) Benzene	7.779	78	497998	5.156	ug/l #	86
40) Methacrylonitrile	6.845	41	103559	4.933	ug/l #	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.879	62	131111	4.896	ug/l	99
42) Isopropyl Acetate	7.940	43	260108	4.558	ug/l	98
43) Trichloroethene	8.662	130	101875	4.835	ug/l	84
44) 1,2-Dichloropropane	8.970	63	107400	4.645	ug/l #	83
45) Dibromomethane	9.069	93	66351	4.517	ug/l	97
46) Bromodichloromethane	9.287	83	118688	4.341	ug/l #	97
47) Methyl methacrylate	9.082	41	120231	4.317	ug/l	99
48) 1,4-Dioxane	9.079	88	28755	80.372	ug/l	94
50) 4-Methyl-2-Pentanone	9.955	43	787294	21.509	ug/l #	72
51) Toluene	10.144	92	276069	5.006	ug/l	84
52) t-1,3-Dichloropropene	10.401	75	101211	3.908	ug/l	99
53) cis-1,3-Dichloropropene	9.788	75	136352	4.340	ug/l	96
54) 1,1,2-Trichloroethane	10.600	97	89899	4.592	ug/l	98
55) Ethyl methacrylate	10.465	69	148130	4.399	ug/l	97
56) 1,3-Dichloropropane	10.764	76	157674	4.779	ug/l	99
57) 2-Chloroethyl Vinyl ether	9.631	63	21298	31.414	ug/l	99
58) 2-Hexanone	10.825	43	487731	25.296	ug/l	83
59) Dibromochloromethane	10.982	129	75504	4.101	ug/l	99
60) 1,2-Dibromoethane	11.101	107	81044	4.581	ug/l	97
63) Tetrachloroethene	10.683	164	85972	4.998	ug/l	90
64) Chlorobenzene	11.588	112	278306	5.109	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.678	131	74476	4.072	ug/l	99
66) Ethyl Benzene	11.685	91	476416	5.231	ug/l #	76
67) m/p-Xylenes	11.806	106	379719	9.963	ug/l #	74
68) o-Xylene	12.175	106	179386	4.645	ug/l	98
69) Styrene	12.192	104	264540	4.655	ug/l #	90
70) Bromoform	12.374	173	36205	3.671	ug/l #	90
72) Isopropylbenzene	12.519	105	434456	5.240	ug/l	92
73) N-amyl acetate	12.320	43	119666	3.998	ug/l	96
74) 1,1,2,2-Tetrachloroethane	12.804	83	114233	4.813	ug/l	99
75) 1,2,3-Trichloropropane	12.859	75	114135	6.639	ug/l #	100
76) Bromobenzene	12.830	156	84848	4.675	ug/l	89
77) n-propylbenzene	12.907	91	476486	5.360	ug/l	91
78) 2-Chlorotoluene	13.000	91	257438	4.904	ug/l	98
79) 1,3,5-Trimethylbenzene	13.068	105	312819	5.052	ug/l	96
80) trans-1,4-Dichloro-2-b...	12.573	75	21800	7.696	ug/l #	81
81) 4-Chlorotoluene	13.112	91	229904	4.780	ug/l	99
82) tert-Butylbenzene	13.366	119	287450	4.966	ug/l	92
83) 1,2,4-Trimethylbenzene	13.417	105	263596	4.669	ug/l	99
84) sec-Butylbenzene	13.568	105	386969	5.197	ug/l	97
85) p-Isopropyltoluene	13.697	119	276935	4.787	ug/l	95
86) 1,3-Dichlorobenzene	13.693	146	127878	4.745	ug/l	95
87) 1,4-Dichlorobenzene	13.777	146	128991	4.968	ug/l	94
88) n-Butylbenzene	14.066	91	193265	4.675	ug/l	98
89) Hexachloroethane	14.364	117	39315	4.190	ug/l	94
90) 1,2-Dichlorobenzene	14.114	146	112198	4.957	ug/l	99
91) 1,2-Dibromo-3-Chloropr...	14.800	75	9476	2.412	ug/l	81
92) 1,2,4-Trichlorobenzene	15.574	180	69770	4.691	ug/l #	92
93) Hexachlorobutadiene	15.702	225	23398	4.773	ug/l	96
94) Naphthalene	15.856	128	184837	4.347	ug/l #	92
95) 1,2,3-Trichlorobenzene	16.074	180	68441	4.743	ug/l	98

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ClientSampleId :
VSTDICC005

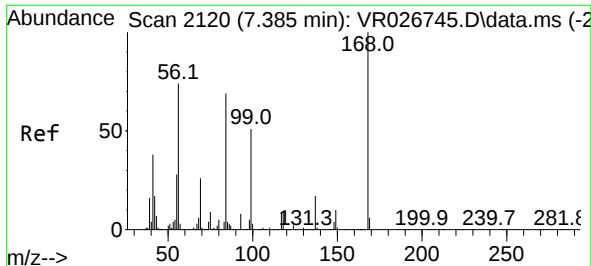
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Quant Title : SW846 8260
QLast Update : Thu Aug 21 08:23:46 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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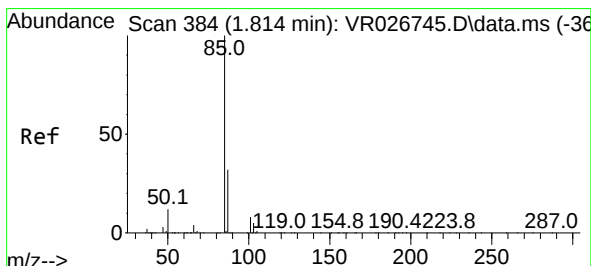
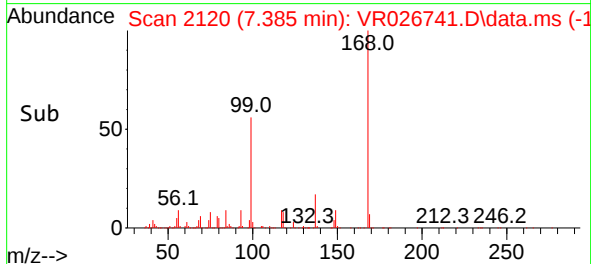
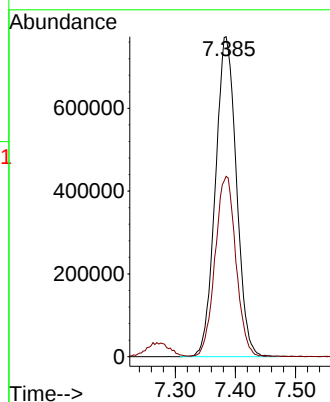
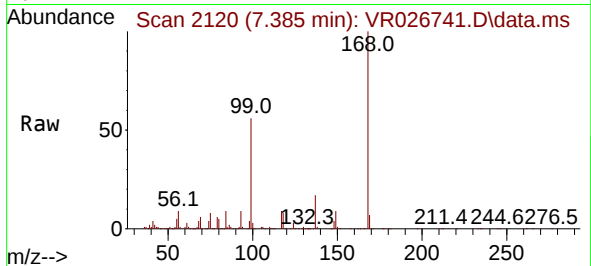




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.385 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

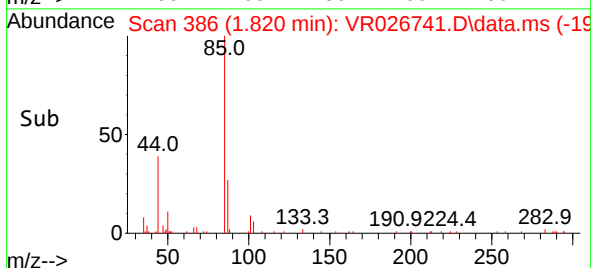
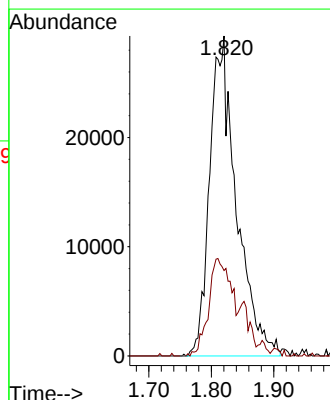
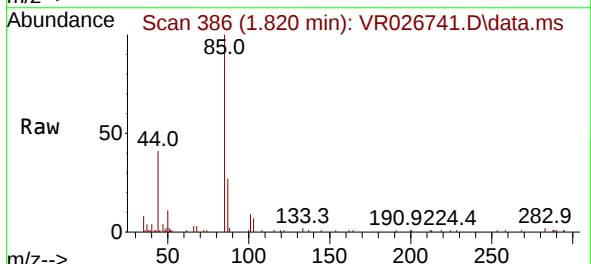
Instrument :
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ClientSampleId :
VSTDIC005

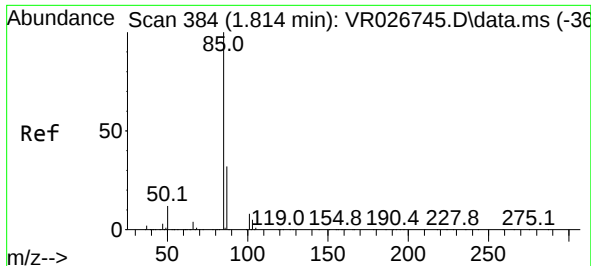
Tgt Ion:168 Resp: 1869908
Ion Ratio Lower Upper
168 100
99 56.2 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 4.912 ug/l
RT: 1.820 min Scan# 386
Delta R.T. 0.006 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 85 Resp: 86793
Ion Ratio Lower Upper
85 100
87 26.7 16.1 48.2

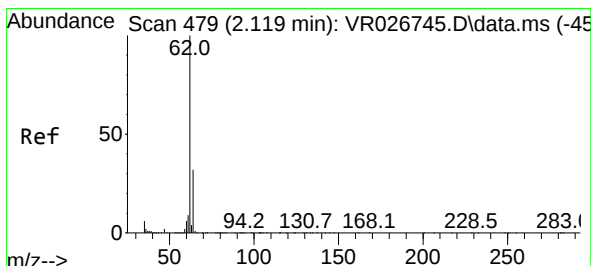
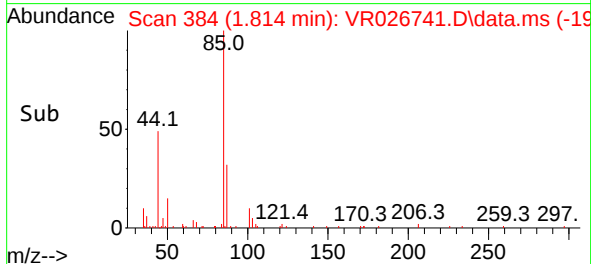
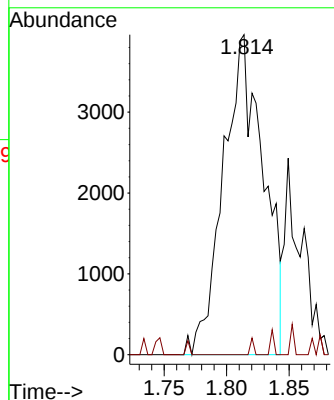
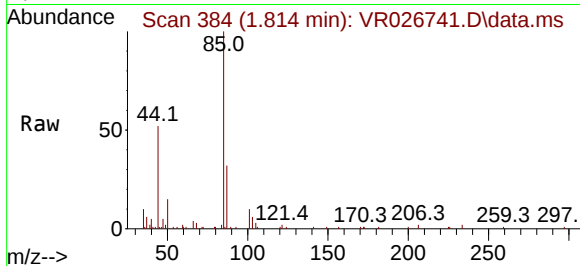




#3
Chloromethane
Concen: 4.204 ug/l
RT: 1.814 min Scan# 384
Delta R.T. -0.000 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

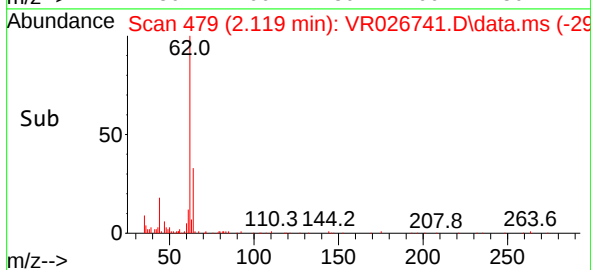
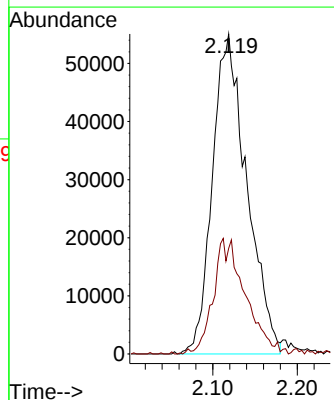
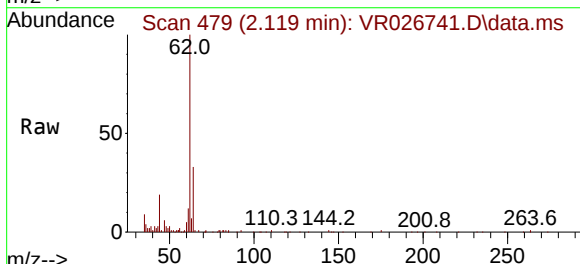
Instrument :
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ClientSampleId :
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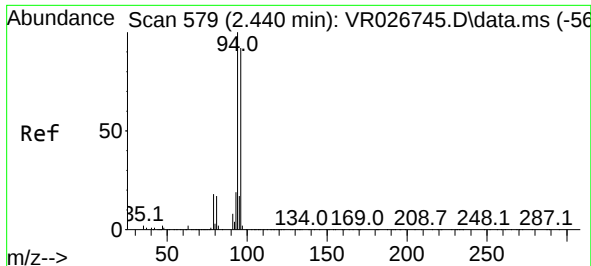
Tgt Ion: 50 Resp: 8839
Ion Ratio Lower Upper
50 100
52 0.0 0.6 1.0#



#4
Vinyl Chloride
Concen: 5.348 ug/l
RT: 2.119 min Scan# 479
Delta R.T. -0.000 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 62 Resp: 155484
Ion Ratio Lower Upper
62 100
64 32.7 25.5 38.3

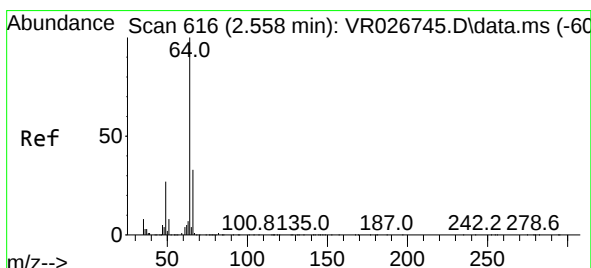
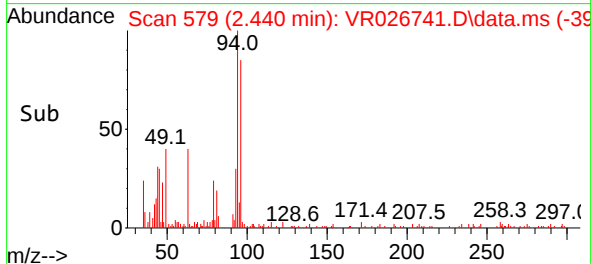
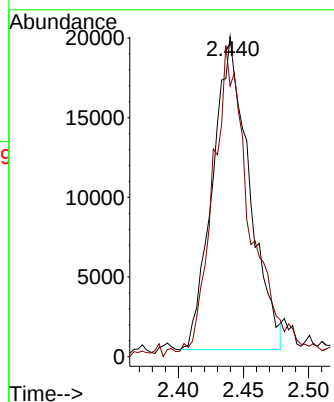
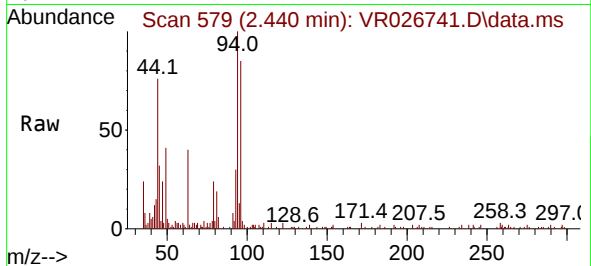




#5
Bromomethane
Concen: 4.296 ug/l
RT: 2.440 min Scan# 51
Delta R.T. -0.000 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

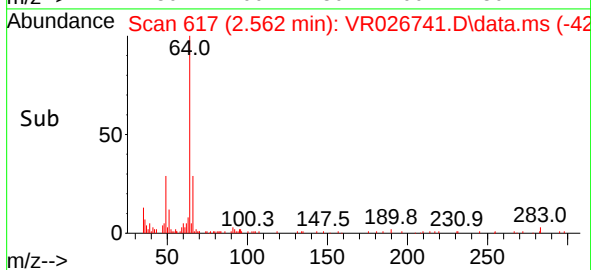
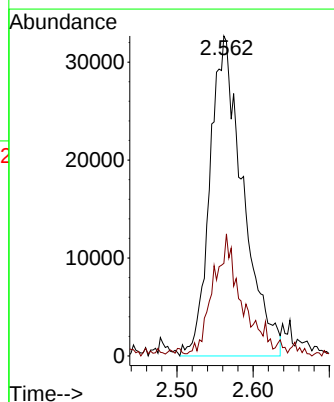
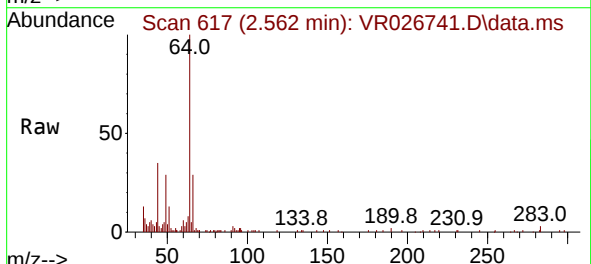
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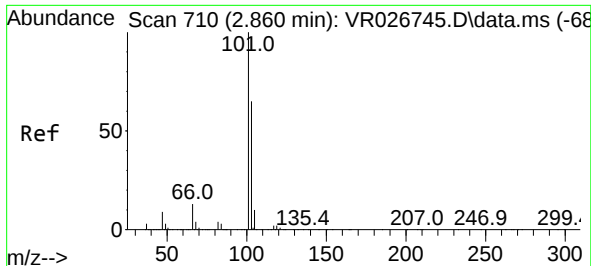
Tgt Ion: 94 Resp: 38346
Ion Ratio Lower Upper
94 100
96 84.7 73.8 110.6



#6
Chloroethane
Concen: 3.994 ug/l
RT: 2.562 min Scan# 617
Delta R.T. 0.004 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 64 Resp: 98895
Ion Ratio Lower Upper
64 100
66 26.7 26.6 40.0

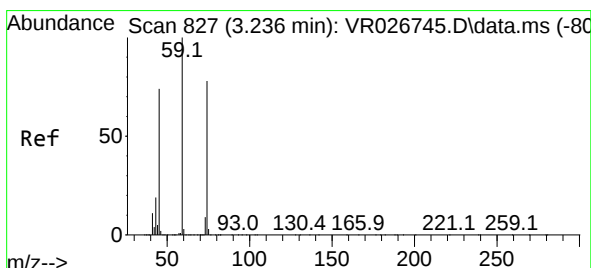
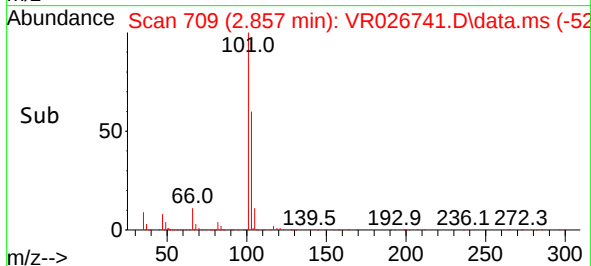
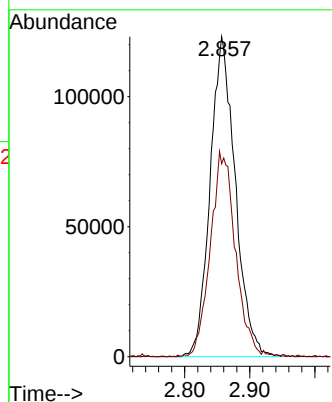
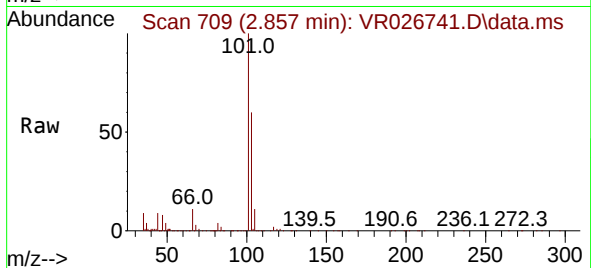




#7
 Trichlorofluoromethane
 Concen: 5.843 ug/l
 RT: 2.857 min Scan# 710
 Delta R.T. -0.003 min
 Lab File: VR026741.D
 Acq: 20 Aug 2025 14:49

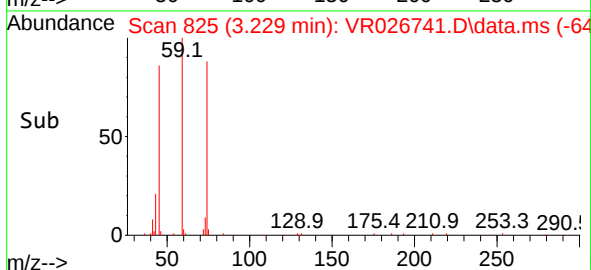
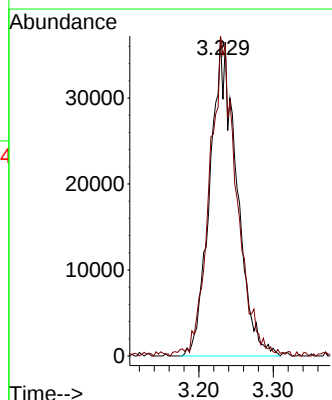
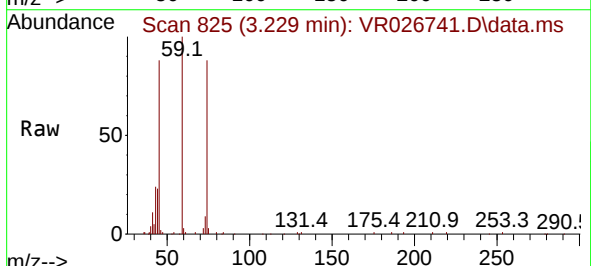
Instrument :
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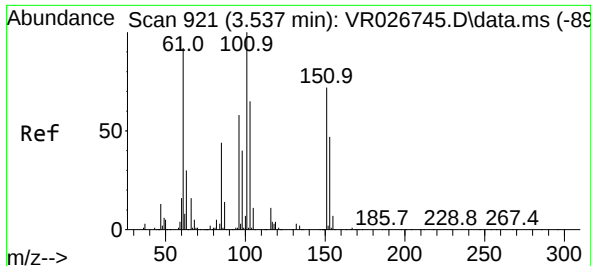
Tgt Ion:101 Resp: 329316
 Ion Ratio Lower Upper
 101 100
 103 60.0 51.8 77.8



#8
 Diethyl Ether
 Concen: 5.133 ug/l
 RT: 3.229 min Scan# 825
 Delta R.T. -0.006 min
 Lab File: VR026741.D
 Acq: 20 Aug 2025 14:49

Tgt Ion: 74 Resp: 92546
 Ion Ratio Lower Upper
 74 100
 45 97.4 47.5 142.6

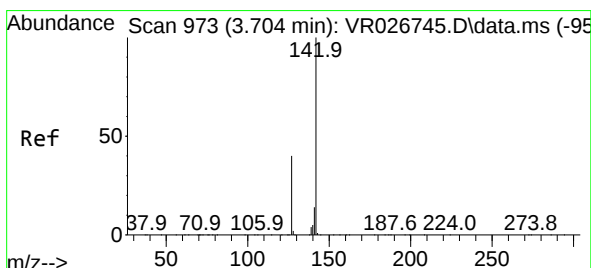
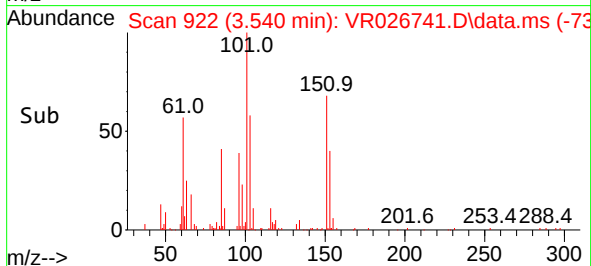
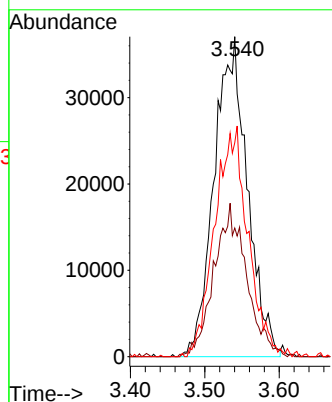
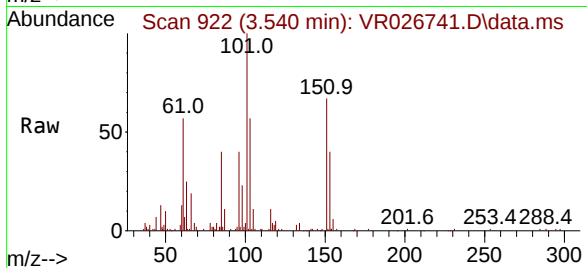




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.085 ug/l
RT: 3.540 min Scan# 91
Delta R.T. 0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

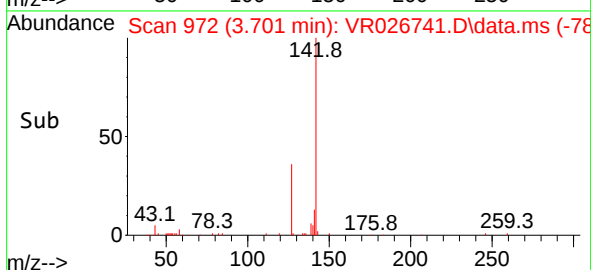
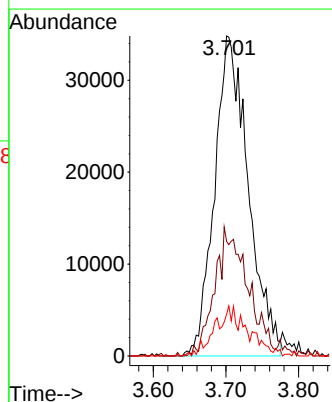
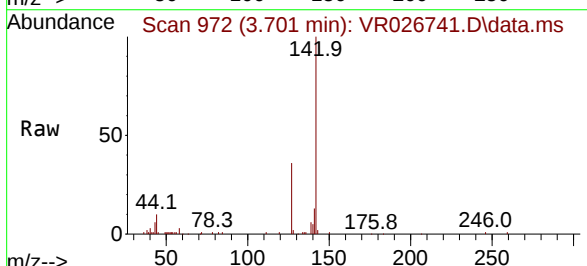
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

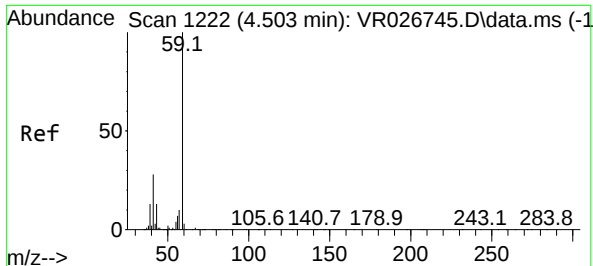
Tgt Ion:101 Resp: 114520
Ion Ratio Lower Upper
101 100
85 46.7 35.4 53.0
151 72.1 57.2 85.8



#10
Methyl Iodide
Concen: 4.693 ug/l
RT: 3.701 min Scan# 972
Delta R.T. -0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion:142 Resp: 112332
Ion Ratio Lower Upper
142 100
127 36.4 31.0 46.4
141 2.1 10.9 16.3#

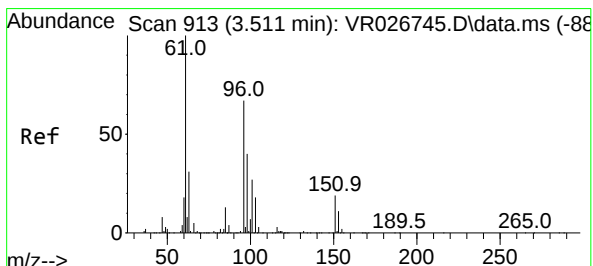
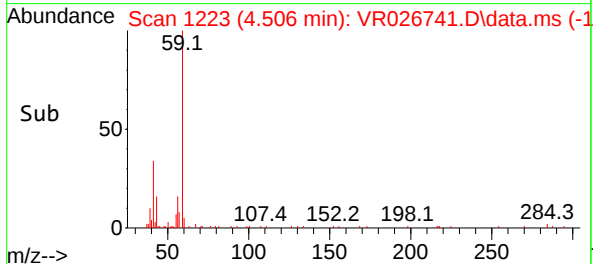
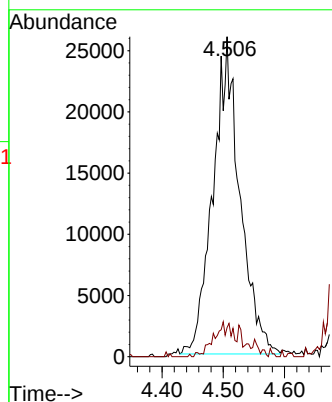
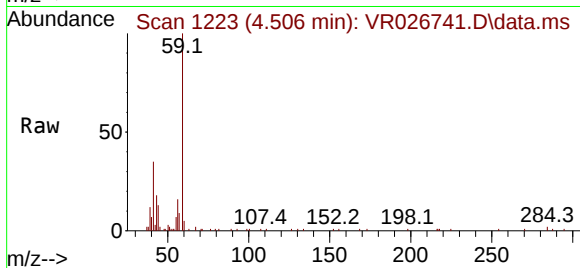




#11
Tert butyl alcohol
Concen: 21.856 ug/l
RT: 4.506 min Scan# 11
Delta R.T. 0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

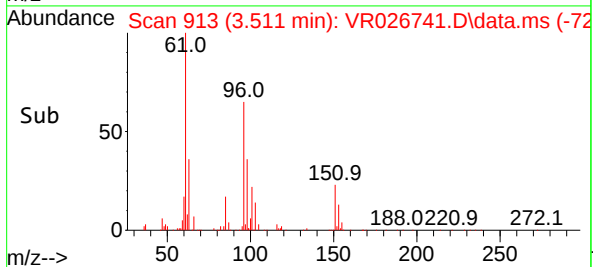
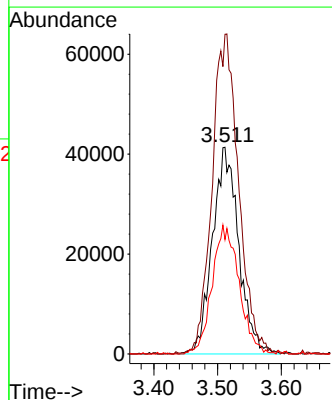
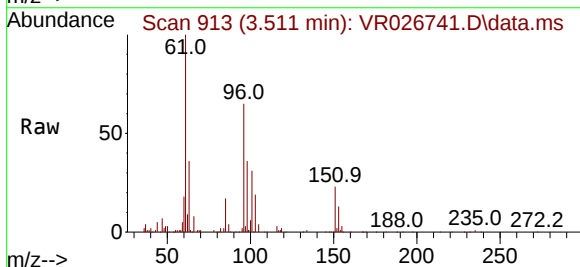
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC005

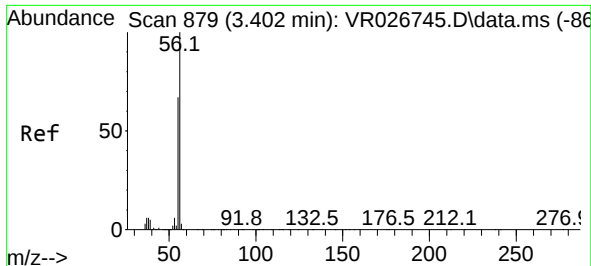
Tgt Ion: 59 Resp: 78902
Ion Ratio Lower Upper
59 100
57 3.9 3.8 5.8



#12
1,1-Dichloroethene
Concen: 4.845 ug/l
RT: 3.511 min Scan# 913
Delta R.T. -0.000 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 96 Resp: 118411
Ion Ratio Lower Upper
96 100
61 154.2 118.7 178.1
98 55.4 47.7 71.5

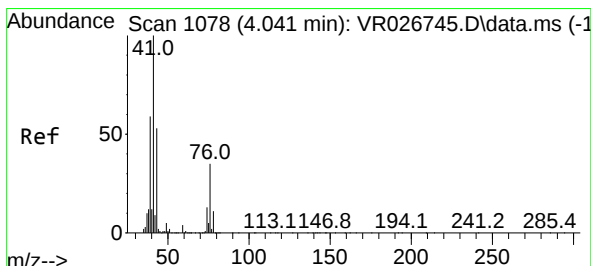
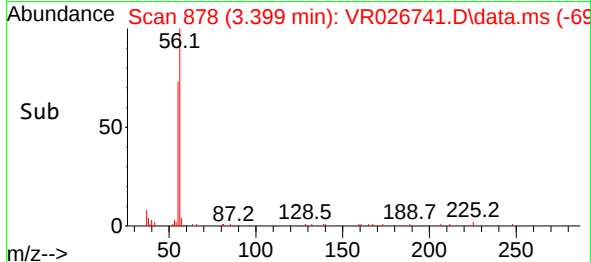
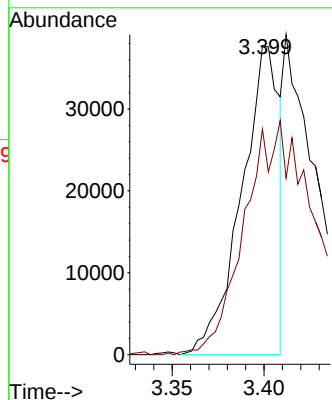
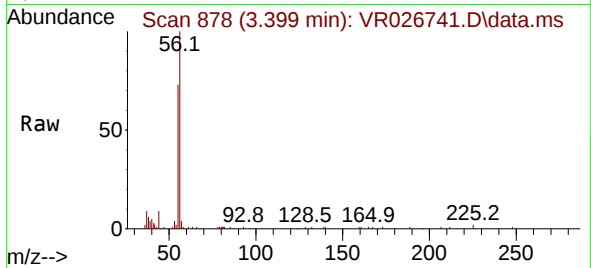




#13
Acrolein
Concen: 18.030 ug/l
RT: 3.399 min Scan# 81
Delta R.T. -0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

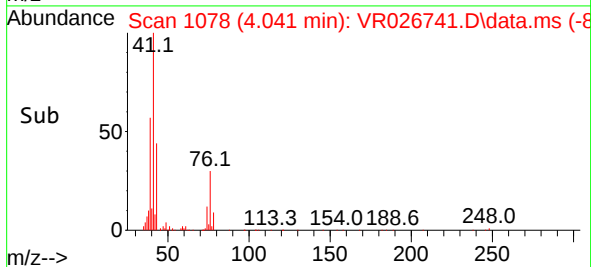
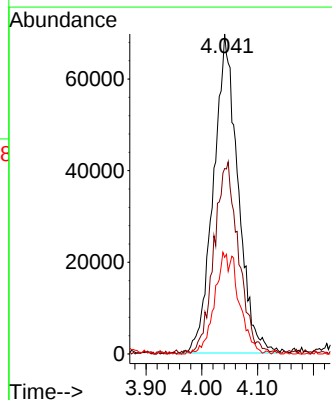
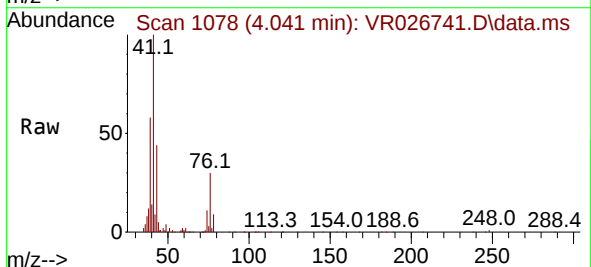
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

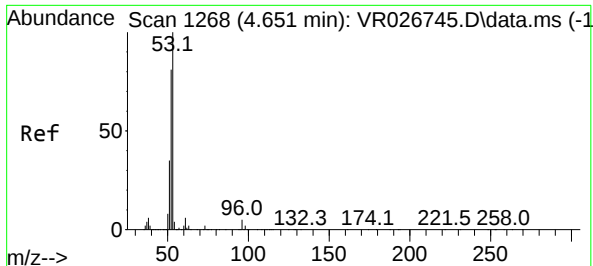
Tgt Ion: 56 Resp: 53730
Ion Ratio Lower Upper
56 100
55 54.0 56.9 85.3#



#14
Allyl chloride
Concen: 4.729 ug/l
RT: 4.041 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 41 Resp: 212986
Ion Ratio Lower Upper
41 100
39 59.3 45.8 68.6
76 17.8 26.4 39.6#





#15

Acrylonitrile

Concen: 25.194 ug/l

RT: 4.651 min Scan# 11

Delta R.T. -0.000 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC005

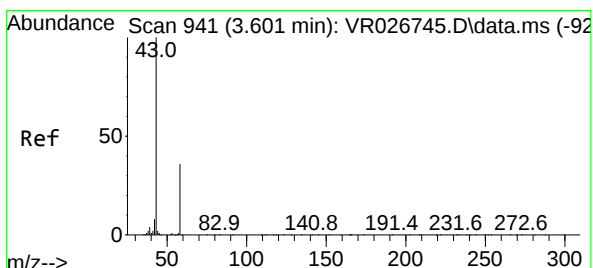
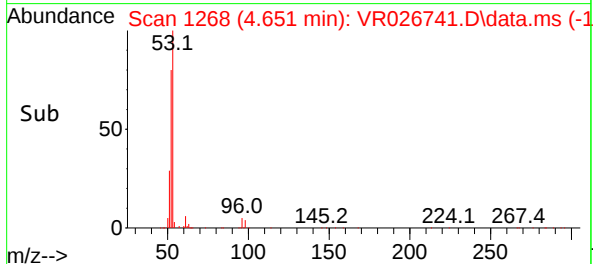
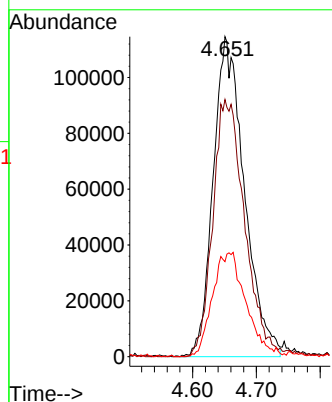
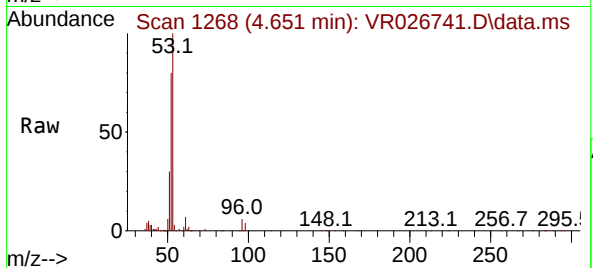
Tgt Ion: 53 Resp: 388977

Ion Ratio Lower Upper

53 100

52 81.9 65.7 98.5

51 34.6 28.4 42.6



#16

Acetone

Concen: 30.015 ug/l

RT: 3.604 min Scan# 942

Delta R.T. 0.003 min

Lab File: VR026741.D

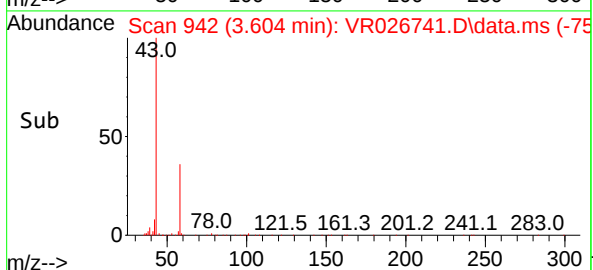
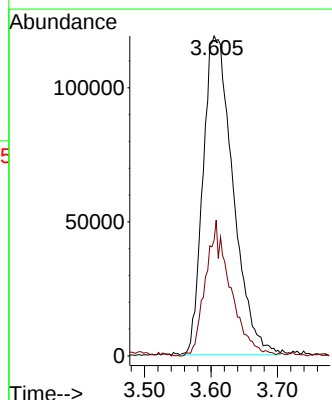
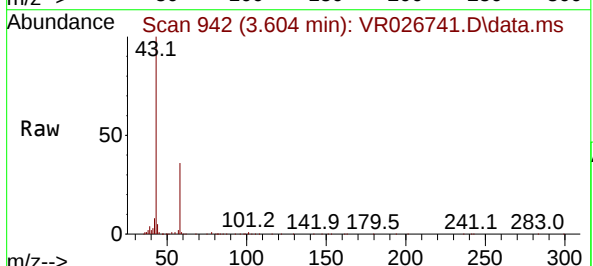
Acq: 20 Aug 2025 14:49

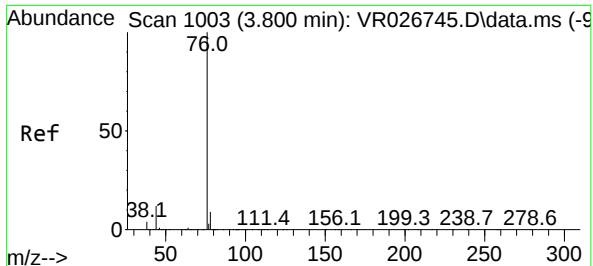
Tgt Ion: 43 Resp: 373088

Ion Ratio Lower Upper

43 100

58 36.3 28.6 43.0

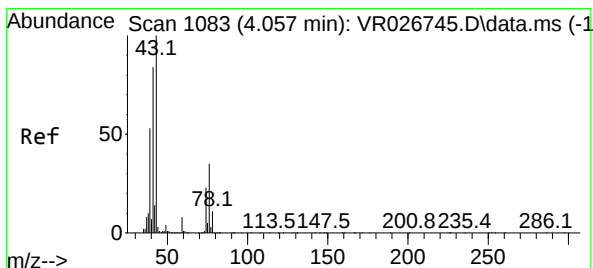
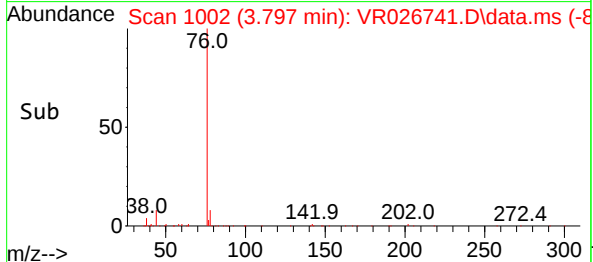
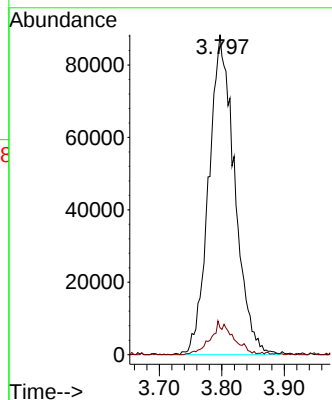
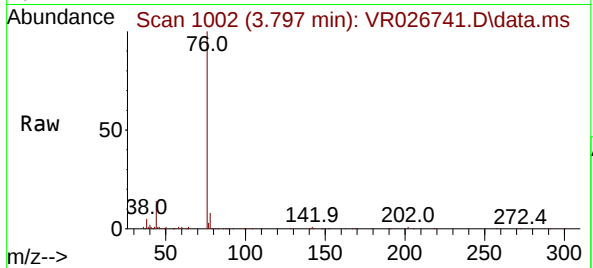




#17
Carbon Disulfide
Concen: 4.290 ug/l
RT: 3.797 min Scan# 1002
Delta R.T. -0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

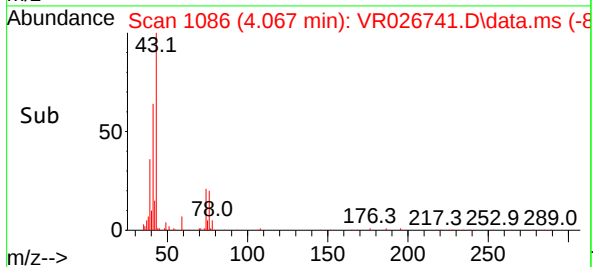
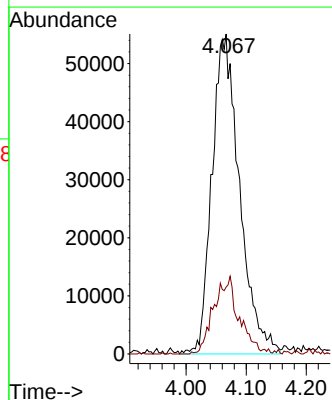
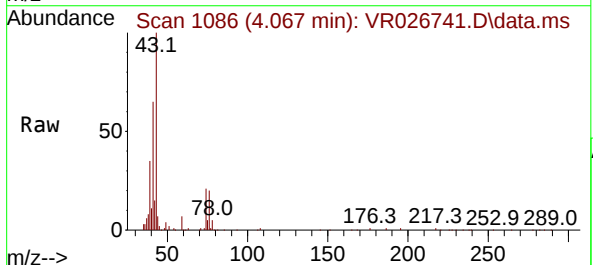
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

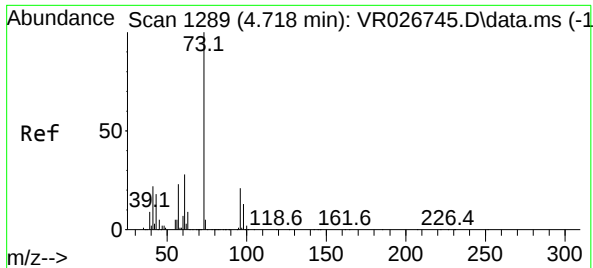
Tgt Ion: 76 Resp: 254618
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6



#18
Methyl Acetate
Concen: 4.838 ug/l
RT: 4.067 min Scan# 1086
Delta R.T. 0.010 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 43 Resp: 175174
Ion Ratio Lower Upper
43 100
74 10.2 19.1 28.7#

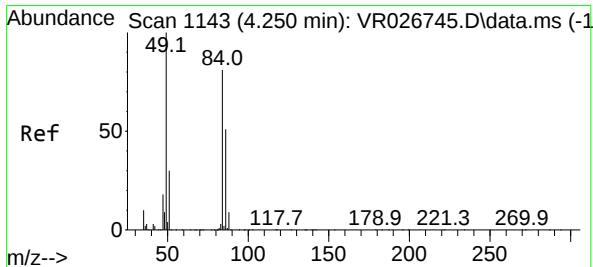
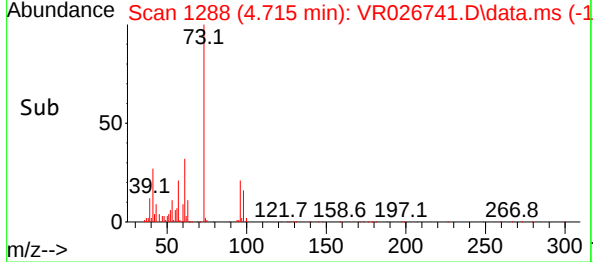
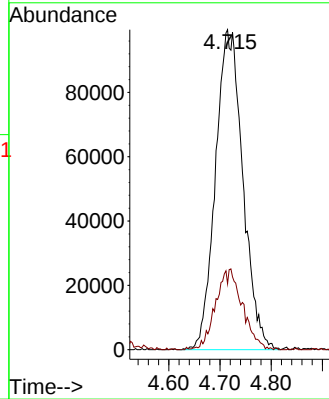
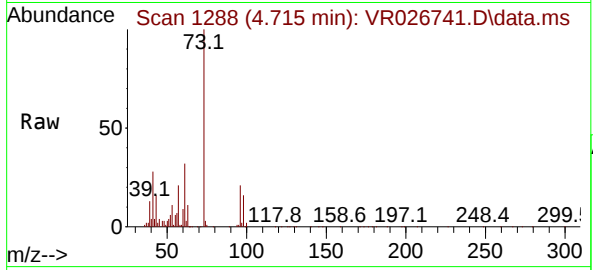




#19
Methyl tert-butyl Ether
Concen: 4.767 ug/l
RT: 4.715 min Scan# 1289
Delta R.T. -0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

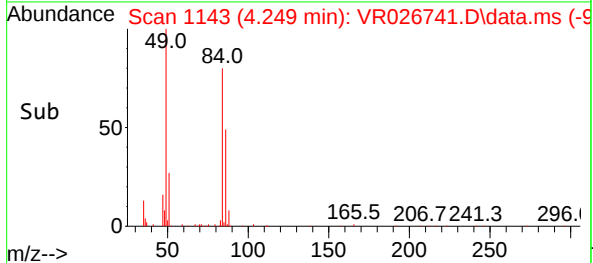
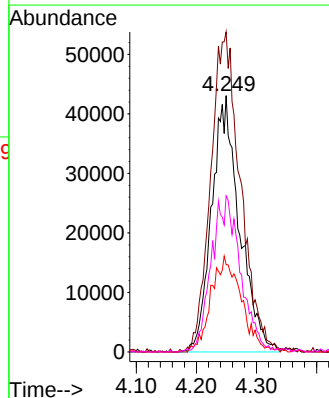
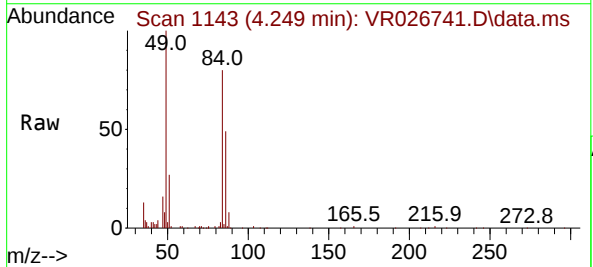
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

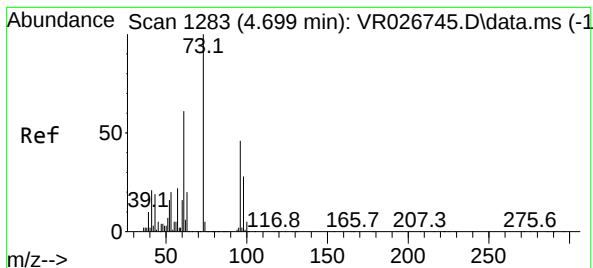
Tgt Ion: 73 Resp: 369519
Ion Ratio Lower Upper
73 100
57 20.6 18.2 27.2



#20
Methylene Chloride
Concen: 5.235 ug/l
RT: 4.249 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 84 Resp: 138837
Ion Ratio Lower Upper
84 100
49 123.9 98.8 148.2
51 34.1 29.4 44.2
86 61.0 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 4.656 ug/l

RT: 4.692 min Scan# 11

Delta R.T. -0.006 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC005

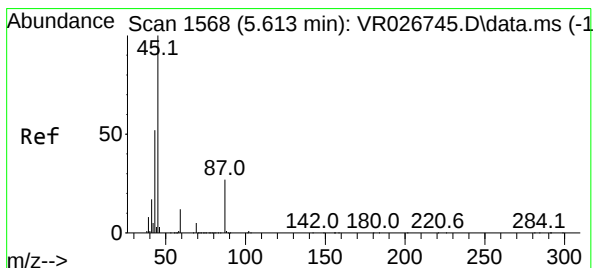
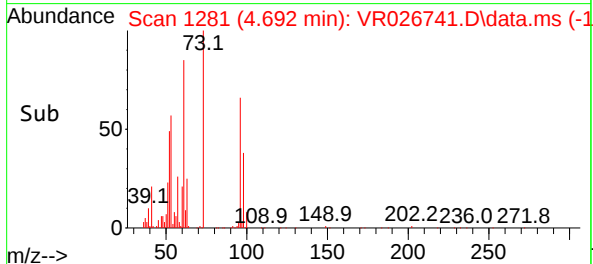
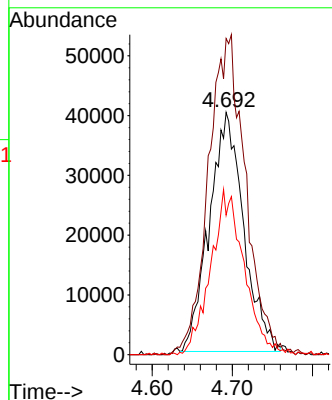
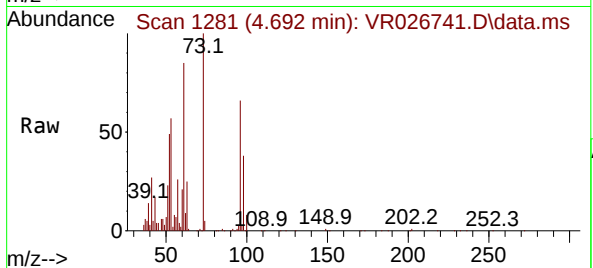
Tgt Ion: 96 Resp: 118968

Ion Ratio Lower Upper

96 100

61 129.1 107.1 160.7

98 57.3 49.7 74.5



#22

Diisopropyl ether

Concen: 5.102 ug/l

RT: 5.610 min Scan# 1567

Delta R.T. -0.003 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

Tgt Ion: 45 Resp: 472798

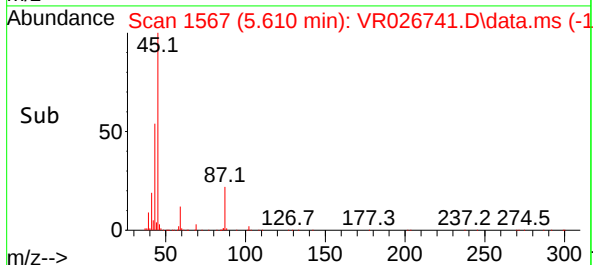
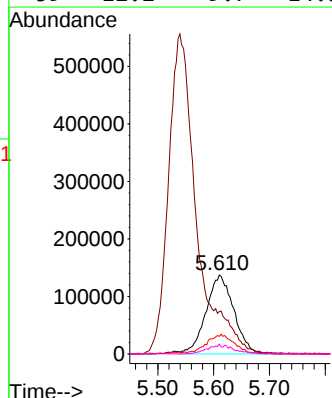
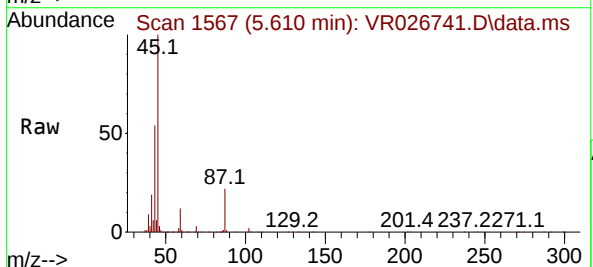
Ion Ratio Lower Upper

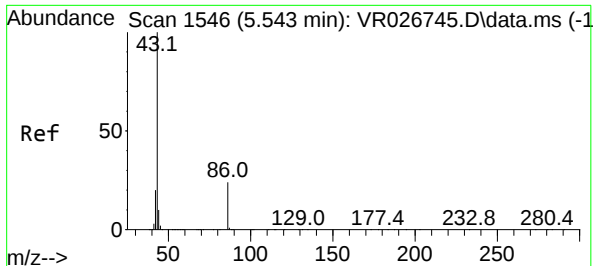
45 100

43 52.5 41.8 62.8

87 22.3 21.7 32.5

59 12.2 9.7 14.5

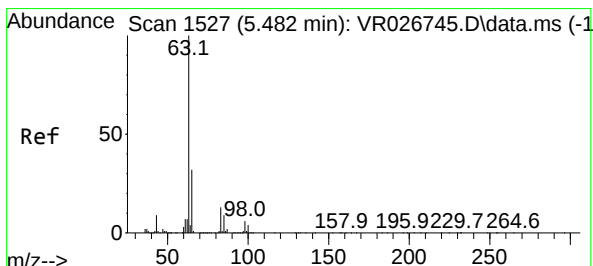
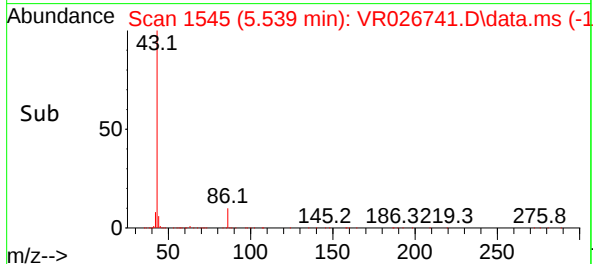
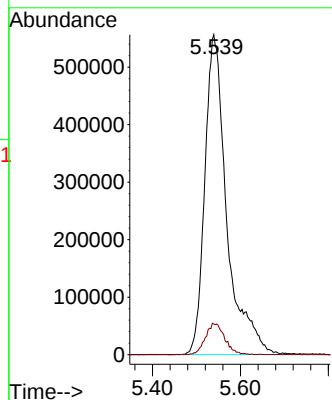
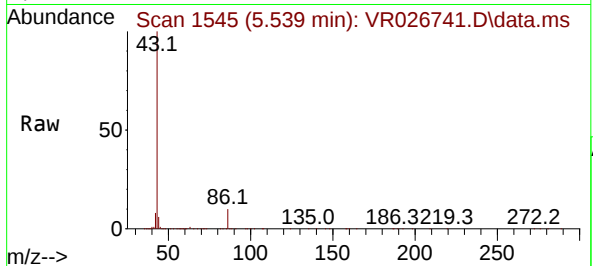




#23
 Vinyl Acetate
 Concen: 21.908 ug/l
 RT: 5.539 min Scan# 11
 Delta R.T. -0.004 min
 Lab File: VR026741.D
 Acq: 20 Aug 2025 14:49

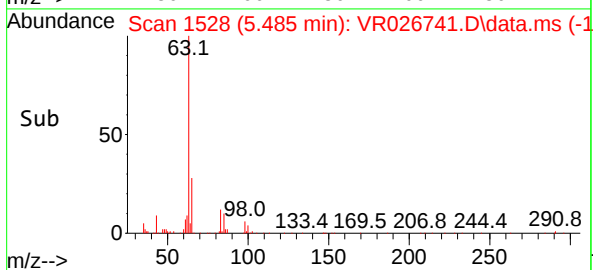
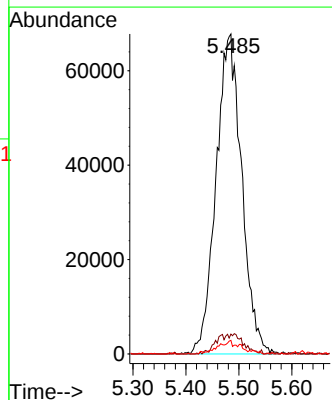
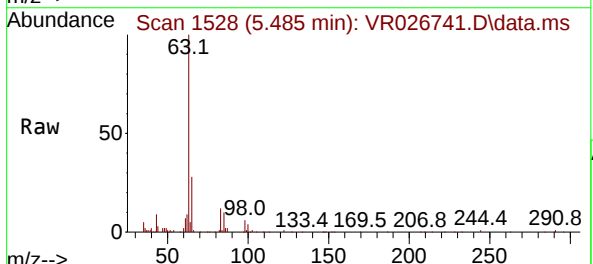
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC005

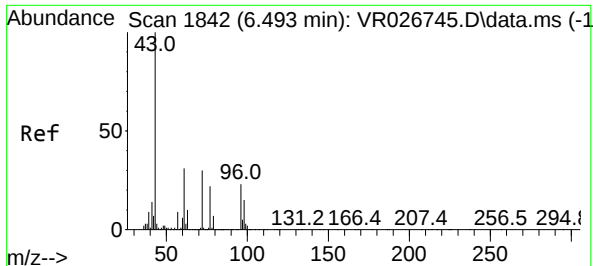
Tgt Ion: 43 Resp: 1929130
 Ion Ratio Lower Upper
 43 100
 86 9.6 18.9 28.3#



#24
 1,1-Dichloroethane
 Concen: 5.002 ug/l
 RT: 5.485 min Scan# 1528
 Delta R.T. 0.003 min
 Lab File: VR026741.D
 Acq: 20 Aug 2025 14:49

Tgt Ion: 63 Resp: 228060
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.3
 100 4.3 2.1 6.2





#25

2-Butanone

Concen: 26.715 ug/l

RT: 6.499 min Scan# 1844

Delta R.T. 0.006 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

Instrument :

MSVOA_R

ClientSampleId :

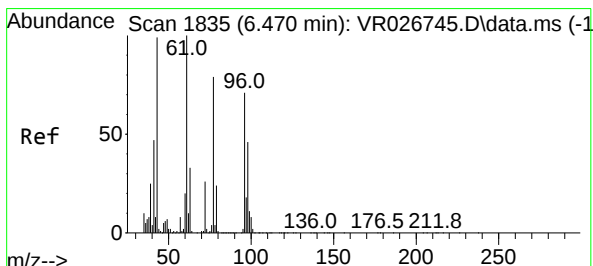
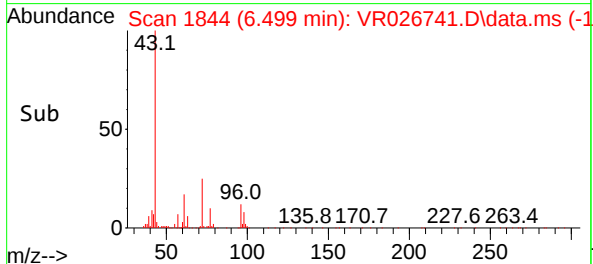
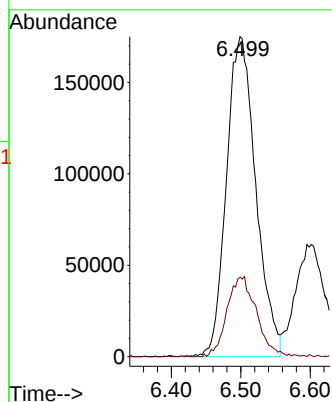
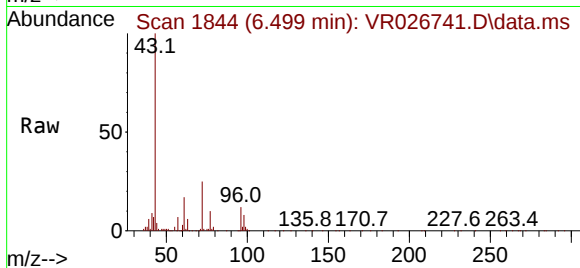
VSTDIC005

Tgt Ion: 43 Resp: 515582

Ion Ratio Lower Upper

43 100

72 24.6 23.8 35.8



#26

2,2-Dichloropropane

Concen: 4.317 ug/l

RT: 6.473 min Scan# 1836

Delta R.T. 0.003 min

Lab File: VR026741.D

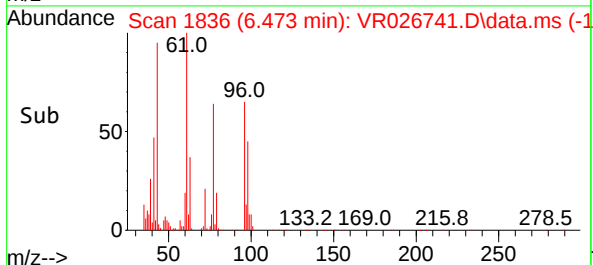
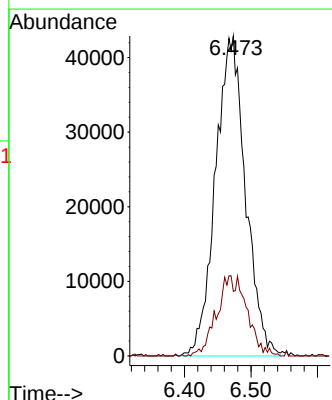
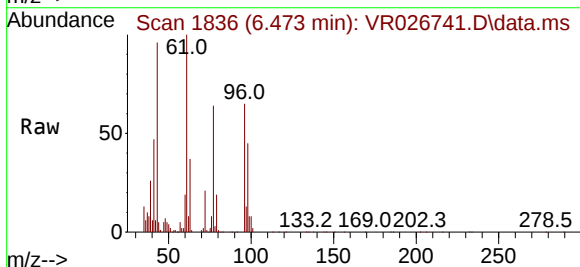
Acq: 20 Aug 2025 14:49

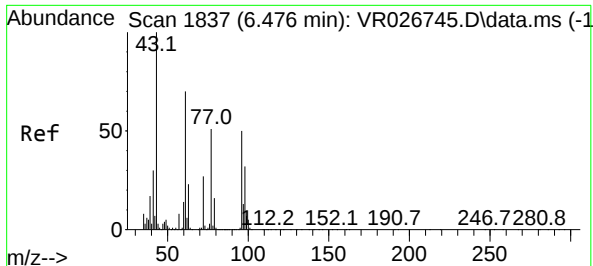
Tgt Ion: 77 Resp: 134865

Ion Ratio Lower Upper

77 100

97 15.2 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 4.620 ug/l

RT: 6.470 min Scan# 1837

Delta R.T. -0.006 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC005

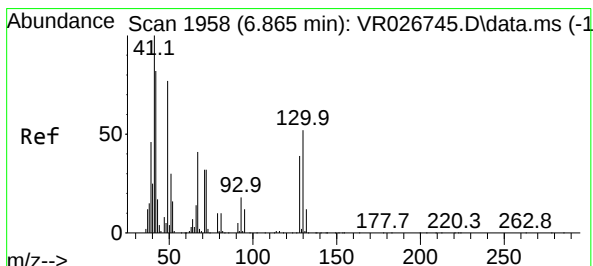
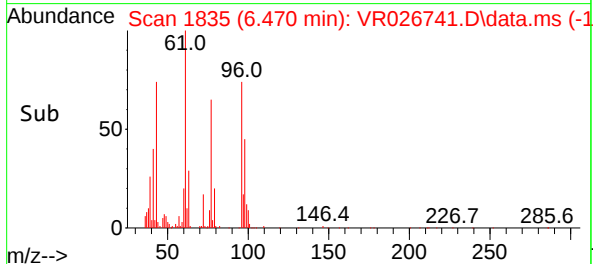
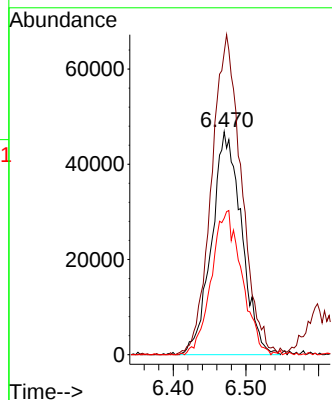
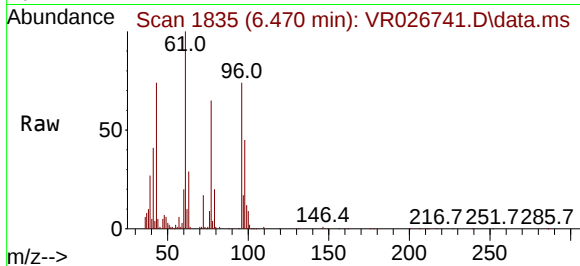
Tgt Ion: 96 Resp: 133627

Ion Ratio Lower Upper

96 100

61 144.2 0.0 280.6

98 65.9 0.0 127.6



#28

Bromochloromethane

Concen: 6.288 ug/l

RT: 6.865 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

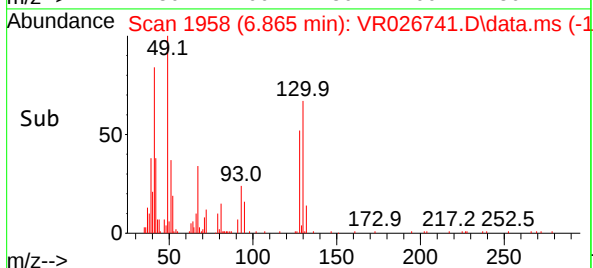
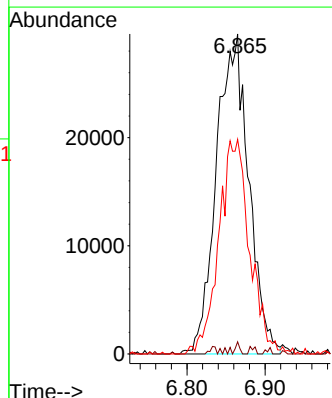
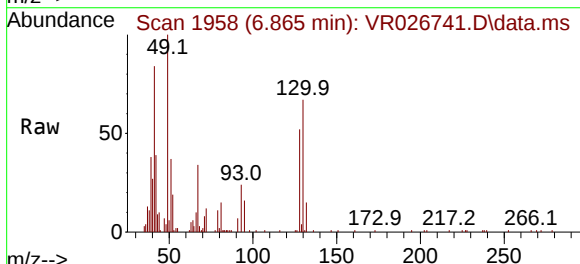
Tgt Ion: 49 Resp: 84865

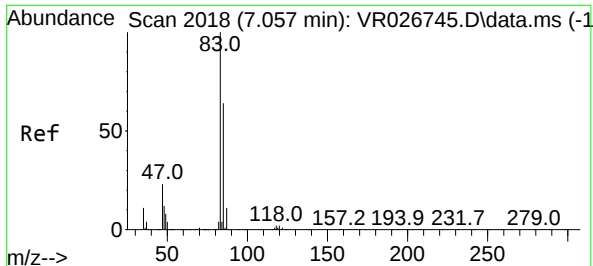
Ion Ratio Lower Upper

49 100

129 0.5 0.0 1.6

130 63.7 53.4 80.2





#29

Chloroform

Concen: 4.886 ug/l

RT: 7.060 min Scan# 2018

Delta R.T. 0.003 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

Instrument :

MSVOA_R

ClientSampleId :

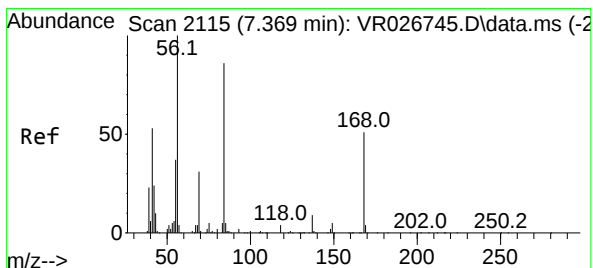
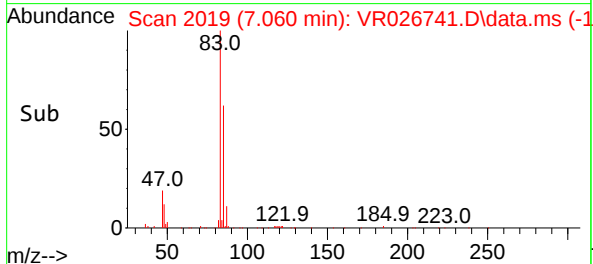
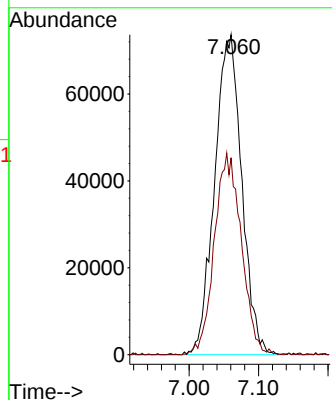
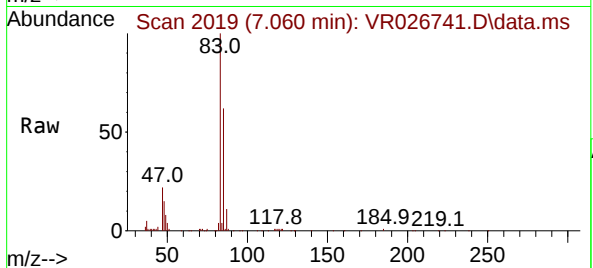
VSTDIC005

Tgt Ion: 83 Resp: 200172

Ion Ratio Lower Upper

83 100

85 61.5 51.5 77.3



#30

Cyclohexane

Concen: 5.535 ug/l

RT: 7.369 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

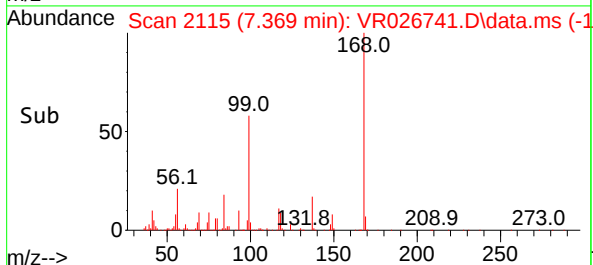
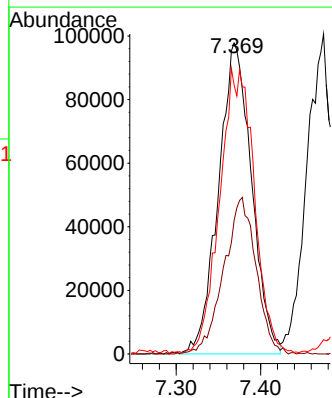
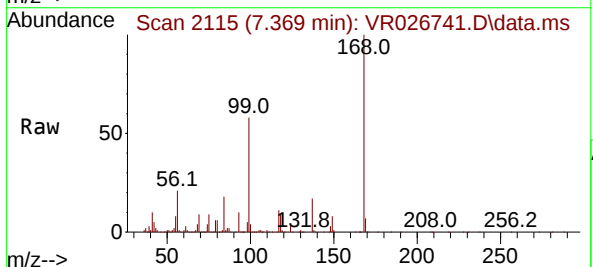
Tgt Ion: 56 Resp: 266148

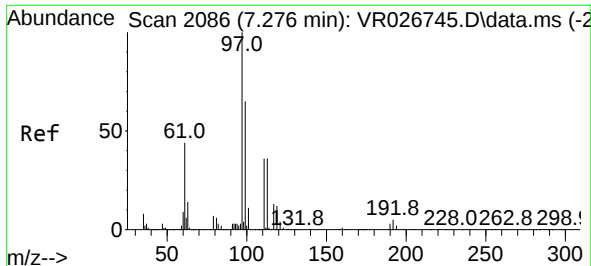
Ion Ratio Lower Upper

56 100

69 42.7 24.6 37.0

84 85.8 68.7 103.1





#31

1,1,1-Trichloroethane

Concen: 4.361 ug/l

RT: 7.275 min Scan# 2086

Delta R.T. -0.000 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC005

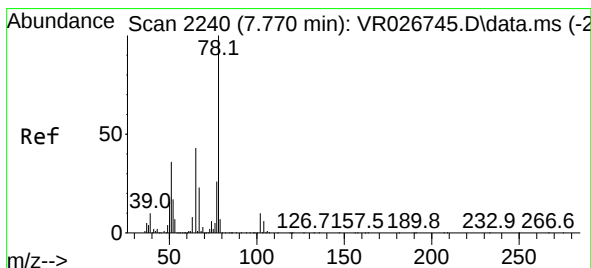
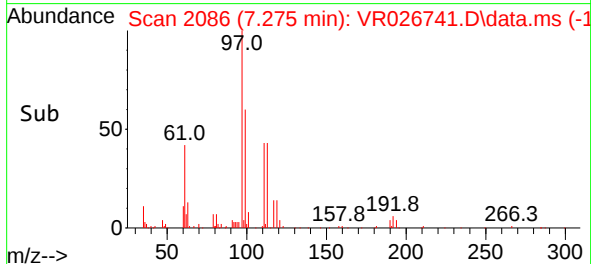
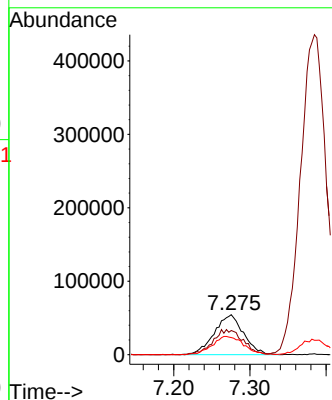
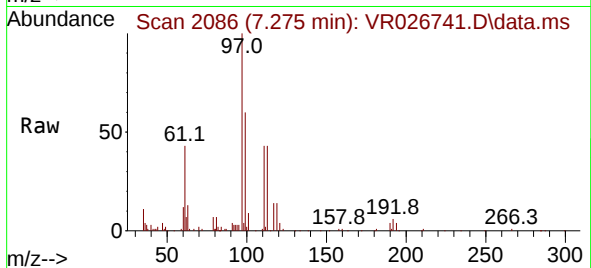
Tgt Ion: 97 Resp: 145079

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 48.6 35.0 52.4



#32

1,2-Dichloroethane-d4

Concen: 4.888 ug/l

RT: 7.760 min Scan# 2237

Delta R.T. -0.010 min

Lab File: VR026741.D

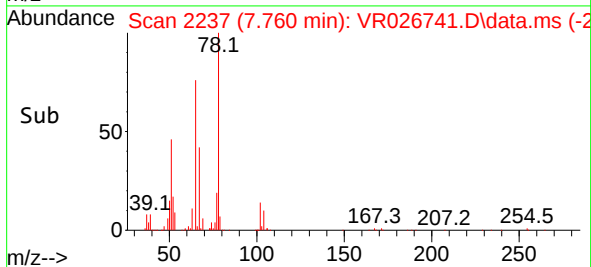
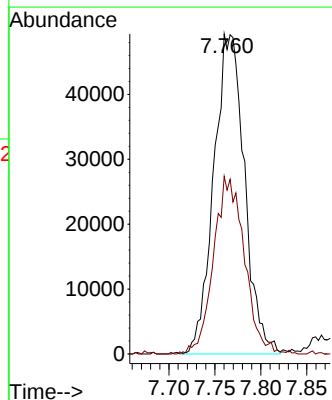
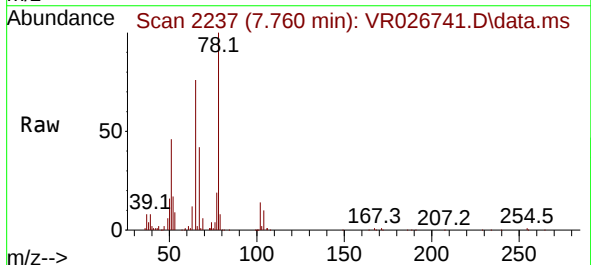
Acq: 20 Aug 2025 14:49

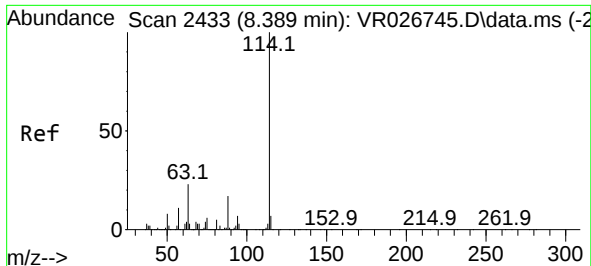
Tgt Ion: 65 Resp: 114777

Ion Ratio Lower Upper

65 100

67 55.4 0.0 111.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.386 min Scan# 2433

Delta R.T. -0.003 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC005

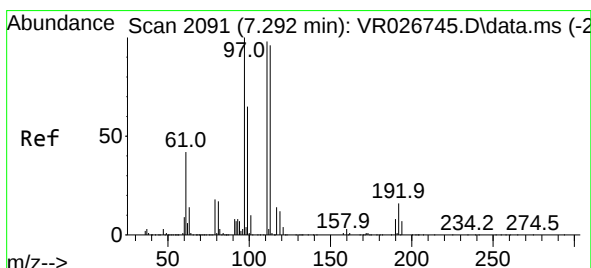
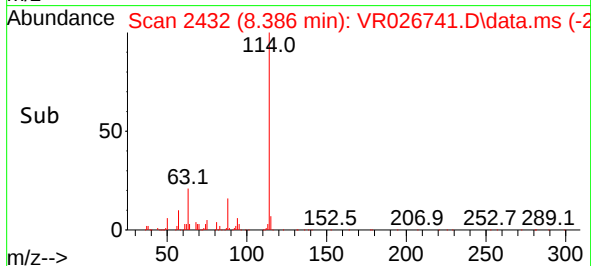
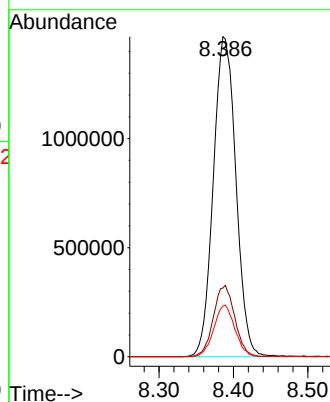
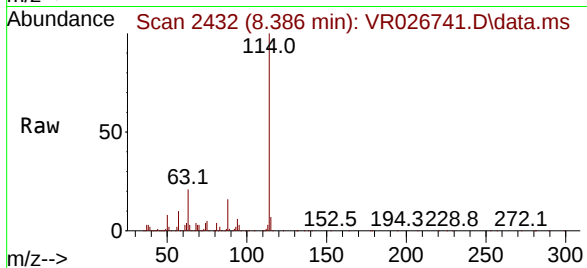
Tgt Ion:114 Resp: 3097468

Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.8

88 15.8 0.0 34.8



#34

Dibromofluoromethane

Concen: 4.496 ug/l

RT: 7.295 min Scan# 2092

Delta R.T. 0.003 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

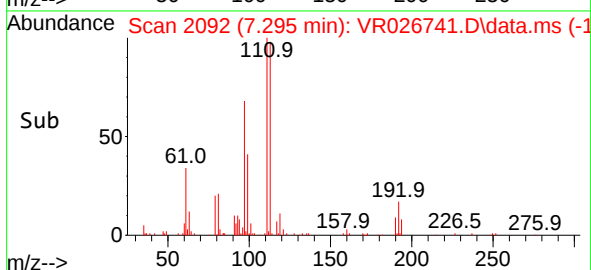
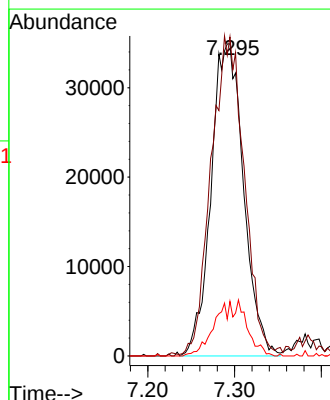
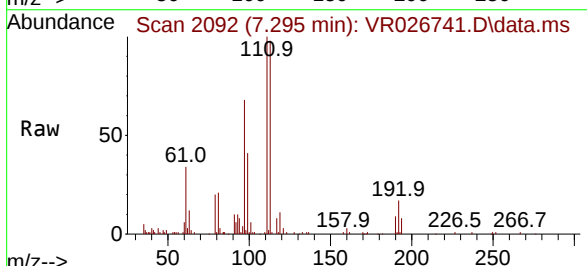
Tgt Ion:113 Resp: 90823

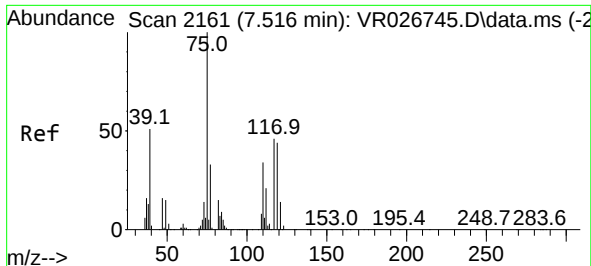
Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 7.9 12.9 19.3#

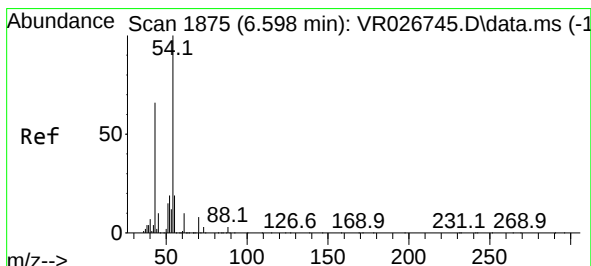
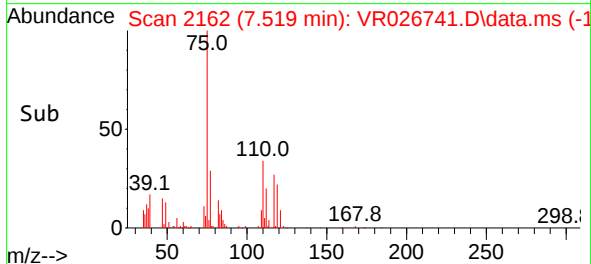
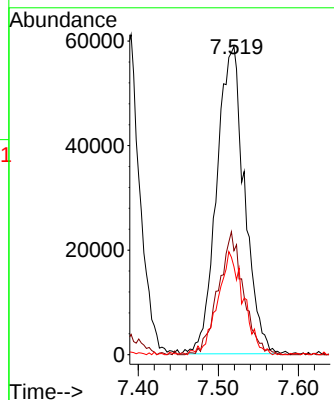
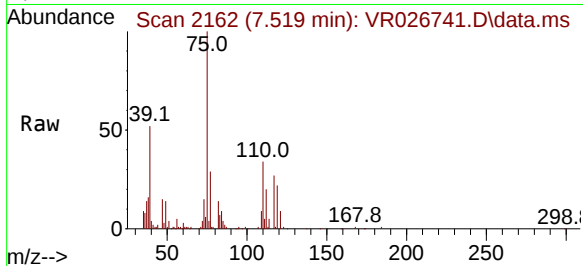




#35
 1,1-Dichloropropene
 Concen: 4.517 ug/l
 RT: 7.519 min Scan# 2161
 Delta R.T. 0.003 min
 Lab File: VR026741.D
 Acq: 20 Aug 2025 14:49

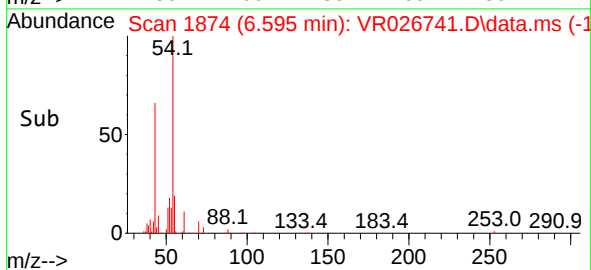
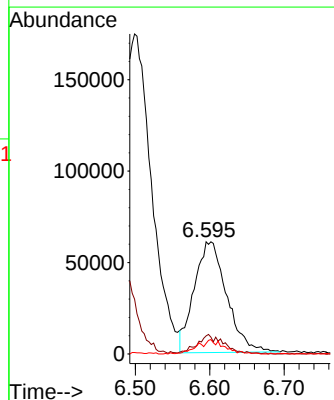
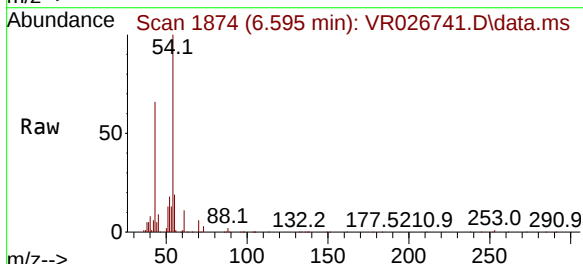
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC005

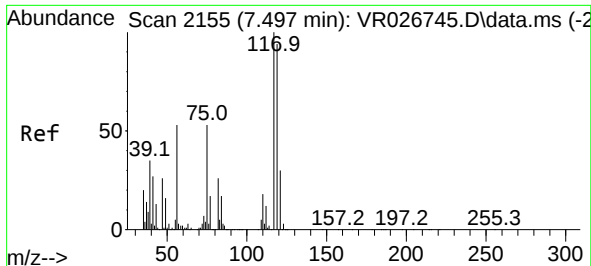
Tgt Ion: 75 Resp: 142096
 Ion Ratio Lower Upper
 75 100
 110 36.0 17.3 52.0
 77 31.2 25.1 37.7



#36
 Ethyl Acetate
 Concen: 4.562 ug/l
 RT: 6.595 min Scan# 1874
 Delta R.T. -0.003 min
 Lab File: VR026741.D
 Acq: 20 Aug 2025 14:49

Tgt Ion: 43 Resp: 183960
 Ion Ratio Lower Upper
 43 100
 61 7.6 11.4 17.2#
 70 7.1 8.4 12.6#

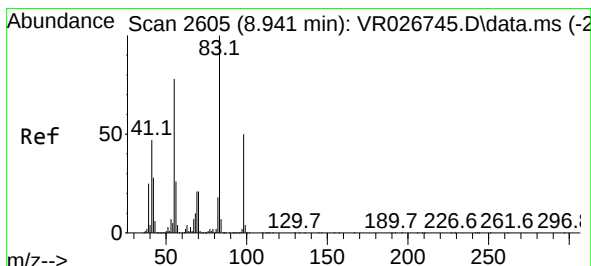
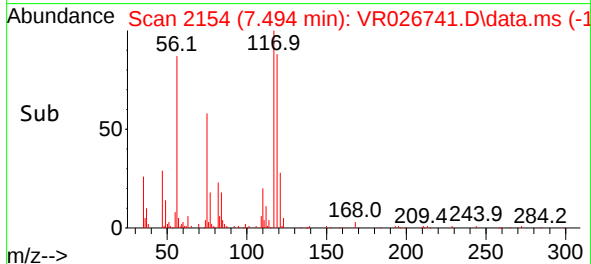
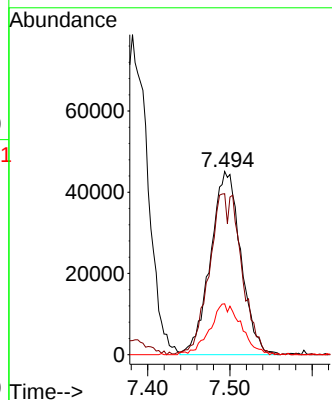
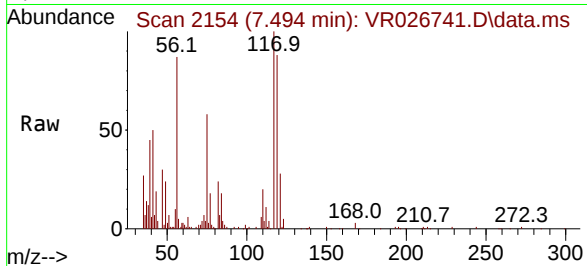




#37
Carbon Tetrachloride
Concen: 4.101 ug/l
RT: 7.494 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

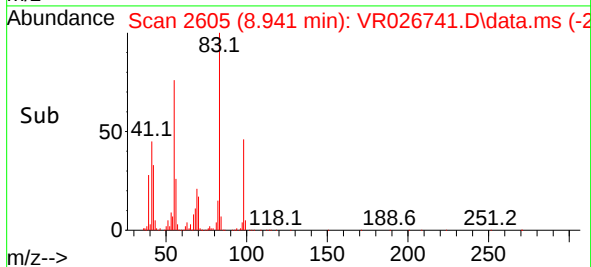
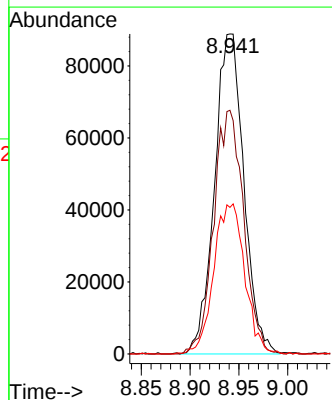
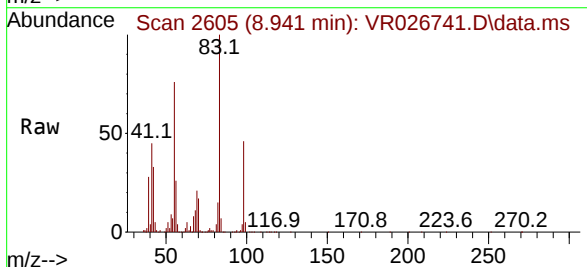
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

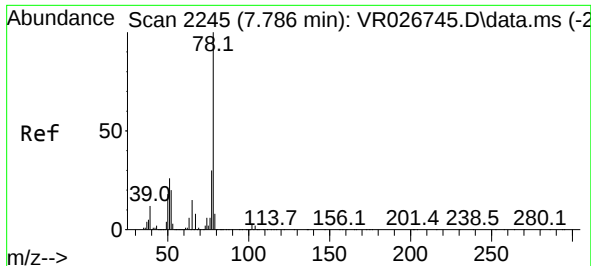
Tgt Ion:117 Resp: 116108
Ion Ratio Lower Upper
117 100
119 87.8 75.1 112.7
121 27.7 24.2 36.2



#38
Methylcyclohexane
Concen: 4.718 ug/l
RT: 8.941 min Scan# 2605
Delta R.T. -0.000 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 83 Resp: 185745
Ion Ratio Lower Upper
83 100
55 76.1 62.6 94.0
98 45.6 39.9 59.9

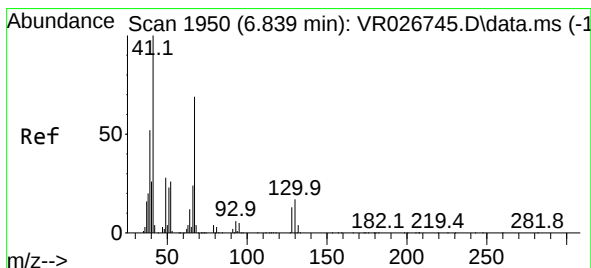
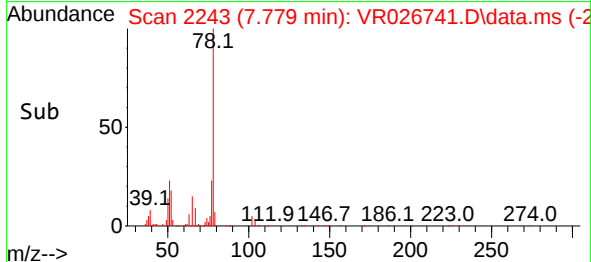
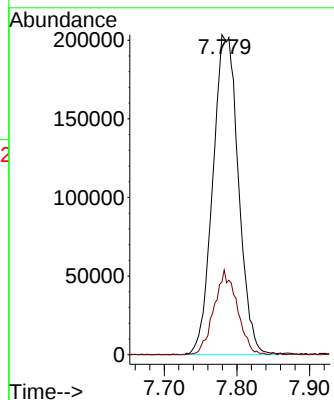
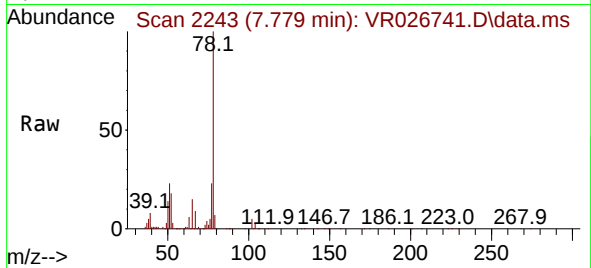




#39
Benzene
Concen: 5.156 ug/l
RT: 7.779 min Scan# 21
Delta R.T. -0.006 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

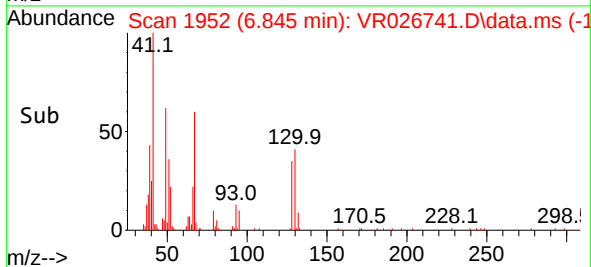
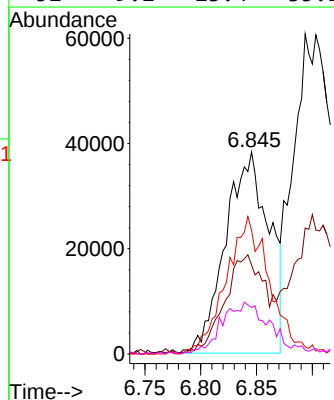
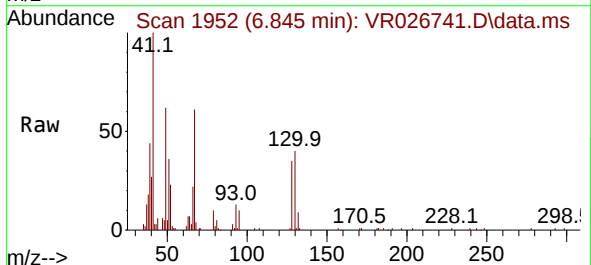
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC005

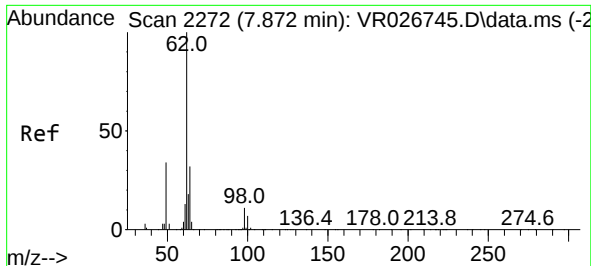
Tgt Ion: 78 Resp: 497998
Ion Ratio Lower Upper
78 100
77 22.8 24.3 36.5#



#40
Methacrylonitrile
Concen: 4.933 ug/l
RT: 6.845 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 41 Resp: 103559
Ion Ratio Lower Upper
41 100
39 46.4 43.0 64.4
67 68.8 62.6 94.0
52 9.2 23.4 35.2#





#41

1,2-Dichloroethane

Concen: 4.896 ug/l

RT: 7.879 min Scan# 21

Delta R.T. 0.006 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

Instrument :

MSVOA_R

ClientSampleId :

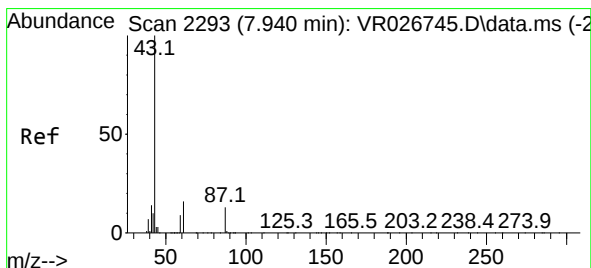
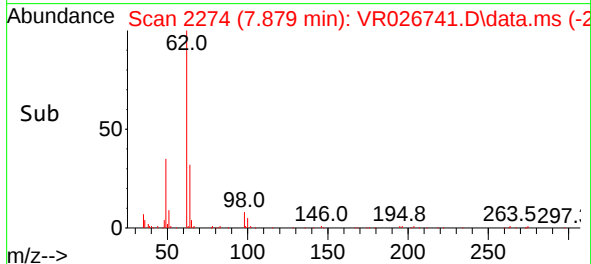
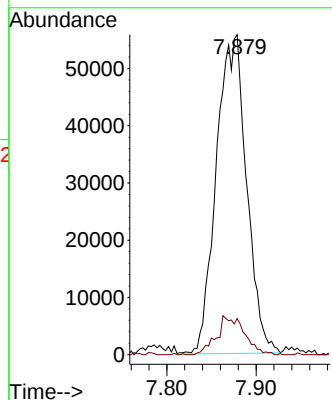
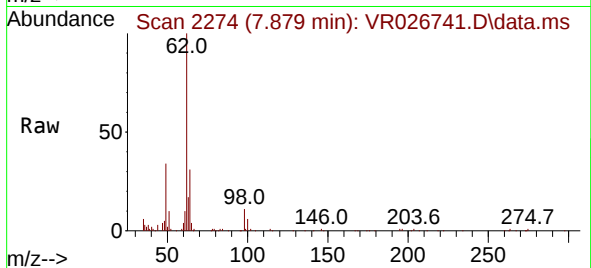
VSTDICC005

Tgt Ion: 62 Resp: 131111

Ion Ratio Lower Upper

62 100

98 11.1 0.0 21.2



#42

Isopropyl Acetate

Concen: 4.558 ug/l

RT: 7.940 min Scan# 2293

Delta R.T. -0.000 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

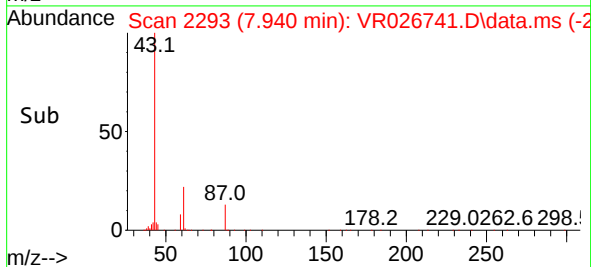
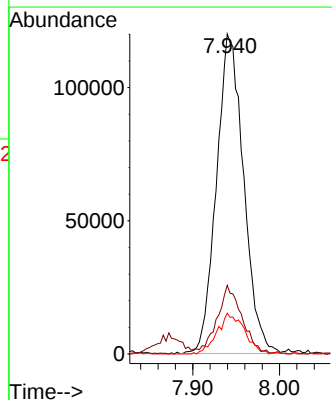
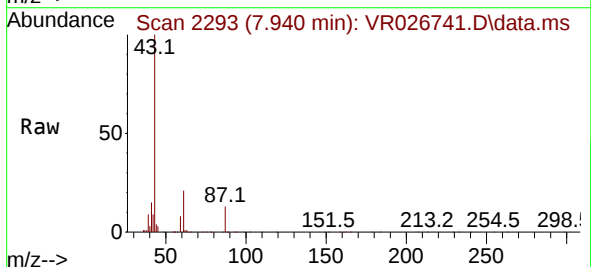
Tgt Ion: 43 Resp: 260108

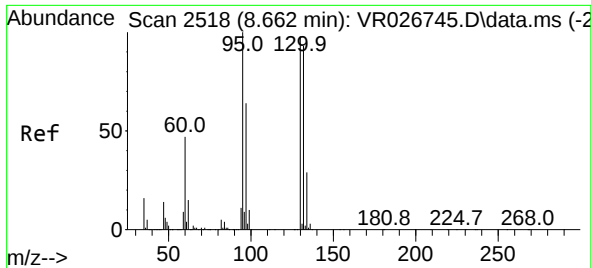
Ion Ratio Lower Upper

43 100

61 19.2 16.8 25.2

87 12.7 10.2 15.4

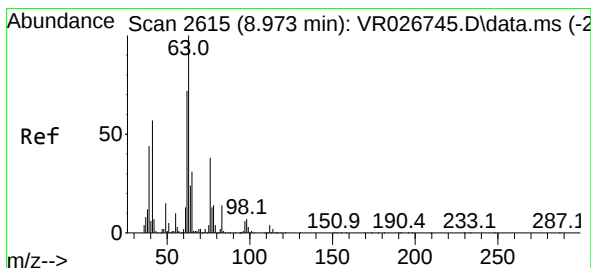
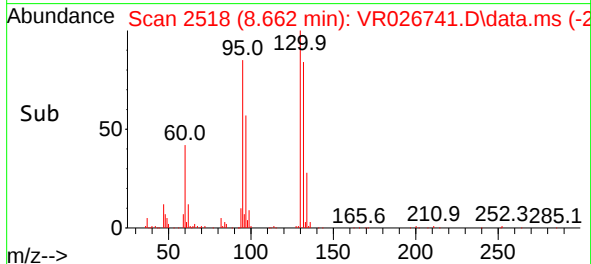
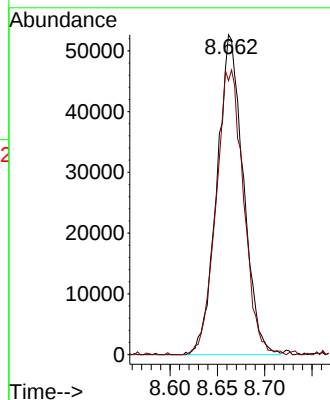
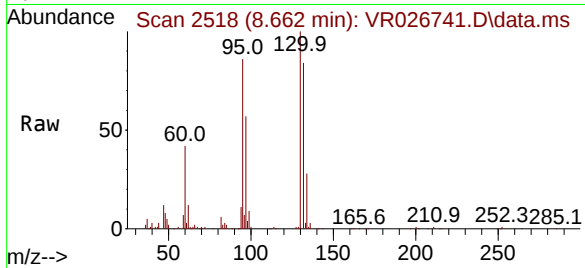




#43
Trichloroethene
Concen: 4.835 ug/l
RT: 8.662 min Scan# 21
Delta R.T. -0.000 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

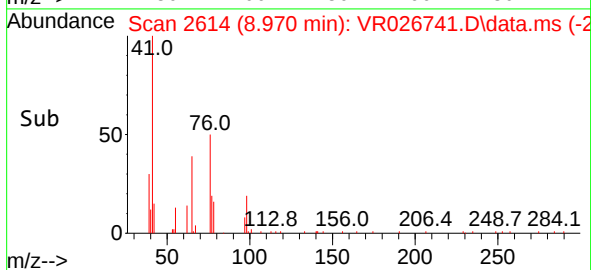
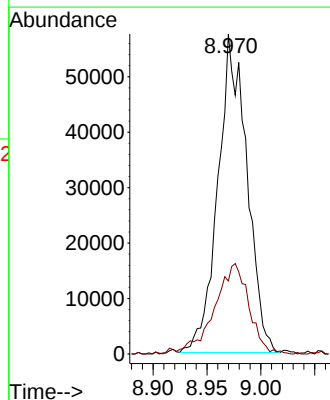
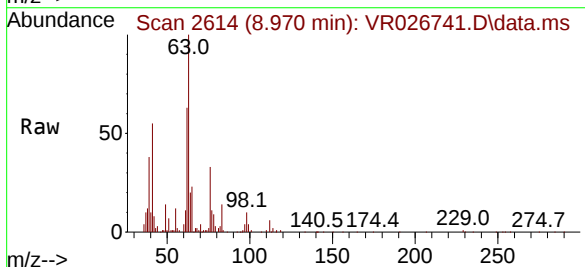
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

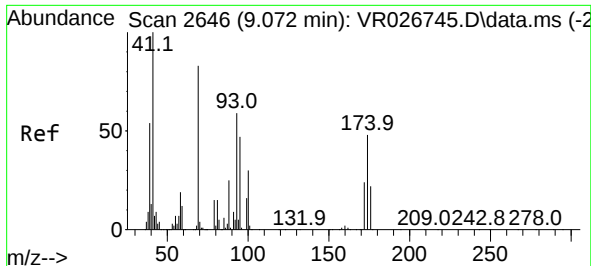
Tgt Ion:130 Resp: 101875
Ion Ratio Lower Upper
130 100
95 85.6 0.0 203.4



#44
1,2-Dichloropropane
Concen: 4.645 ug/l
RT: 8.970 min Scan# 2614
Delta R.T. -0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 63 Resp: 107400
Ion Ratio Lower Upper
63 100
65 21.9 24.8 37.2#

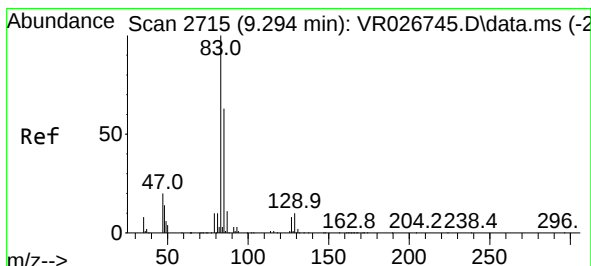
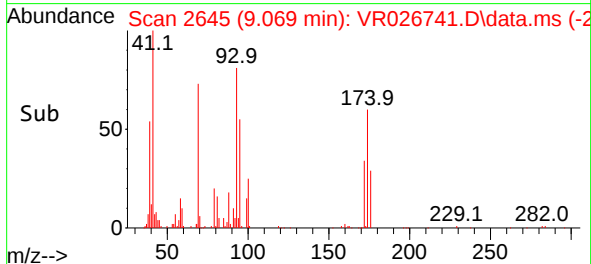
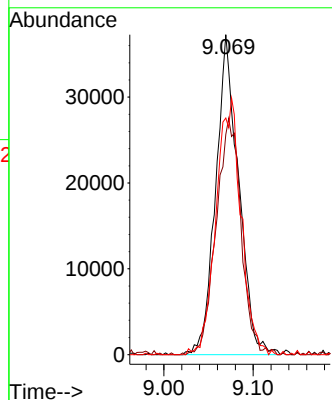
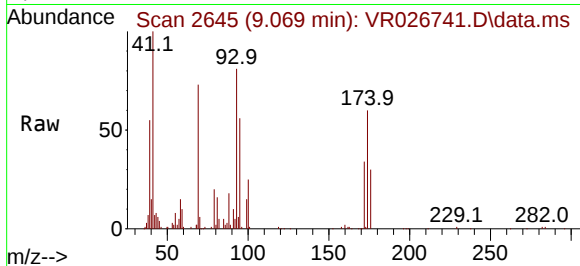




#45
Dibromomethane
Concen: 4.517 ug/l
RT: 9.069 min Scan# 21
Delta R.T. -0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

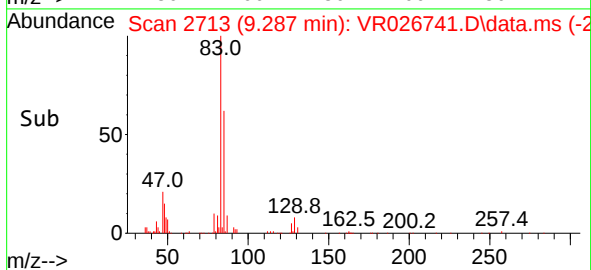
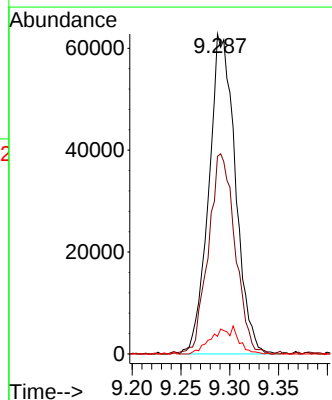
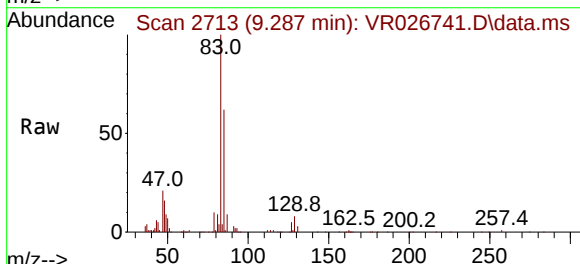
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

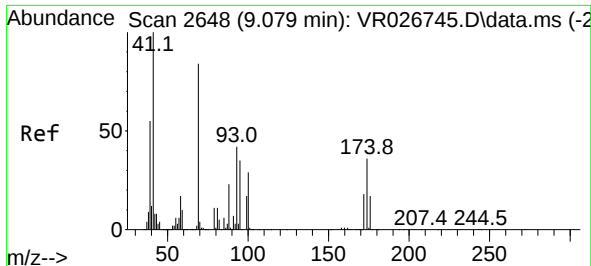
Tgt Ion: 93 Resp: 66351
Ion Ratio Lower Upper
93 100
95 80.2 65.4 98.0
174 87.6 66.5 99.7



#46
Bromodichloromethane
Concen: 4.341 ug/l
RT: 9.287 min Scan# 2713
Delta R.T. -0.006 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 83 Resp: 118688
Ion Ratio Lower Upper
83 100
85 61.2 50.8 76.2
127 5.5 6.0 9.0#

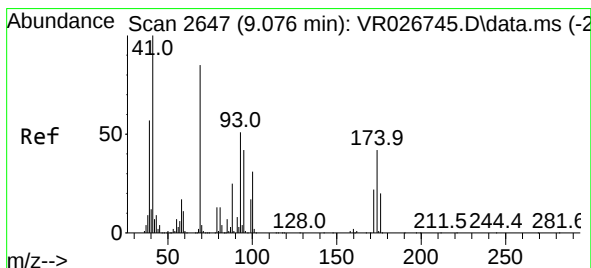
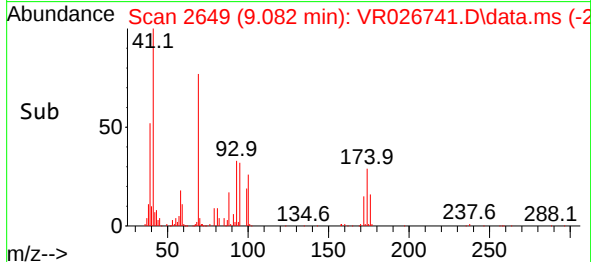
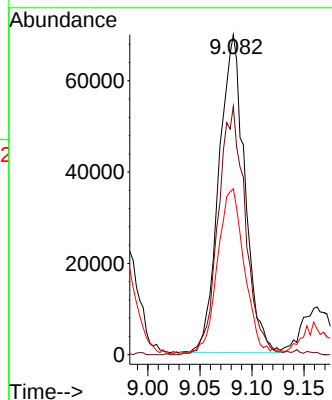
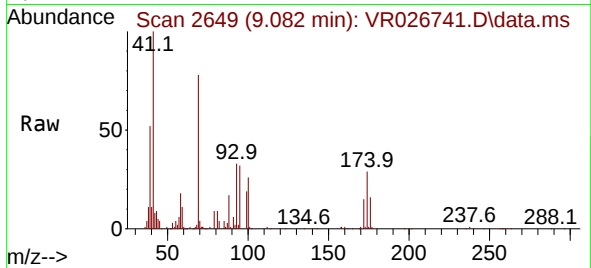




#47
Methyl methacrylate
Concen: 4.317 ug/l
RT: 9.082 min Scan# 2
Delta R.T. 0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

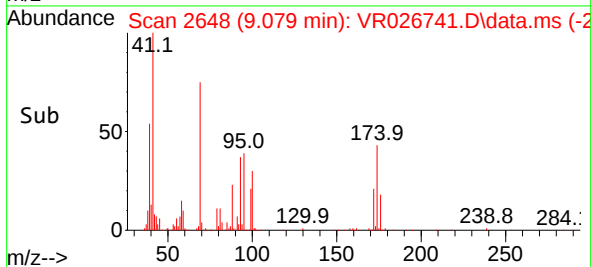
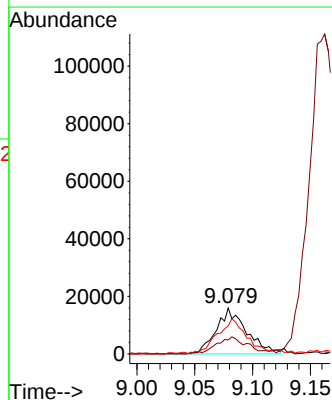
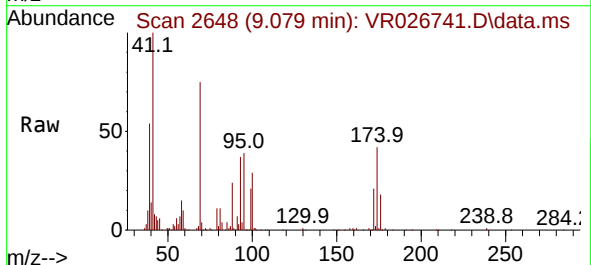
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC005

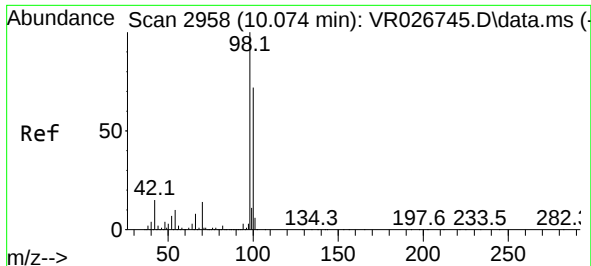
Tgt Ion: 41 Resp: 120231
Ion Ratio Lower Upper
41 100
69 81.9 66.5 99.7
39 55.2 43.3 64.9



#48
1,4-Dioxane
Concen: 80.372 ug/l
RT: 9.079 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 88 Resp: 28755
Ion Ratio Lower Upper
88 100
43 39.3 27.1 40.7
58 73.4 55.9 83.9

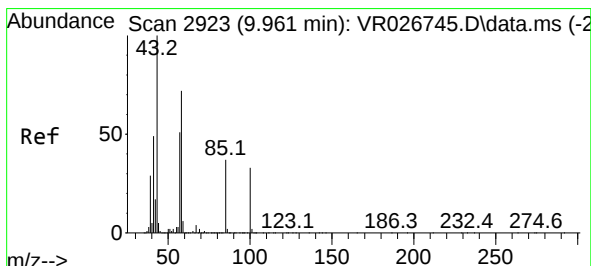
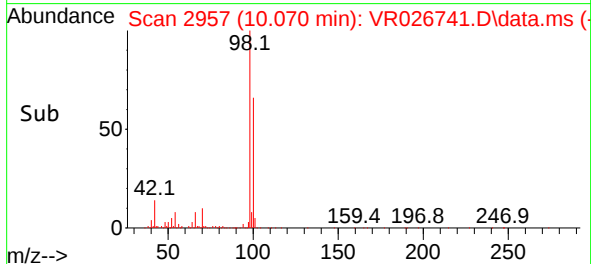
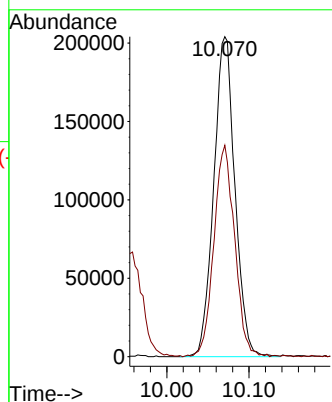
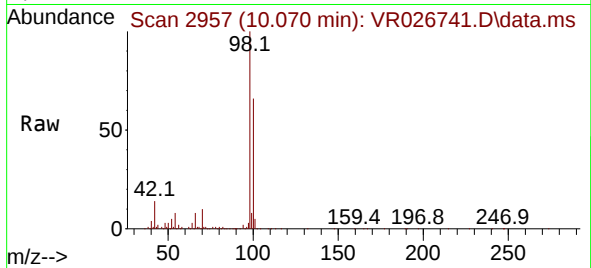




#49
Toluene-d8
Concen: 5.398 ug/l
RT: 10.070 min Scan# 2958
Delta R.T. -0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

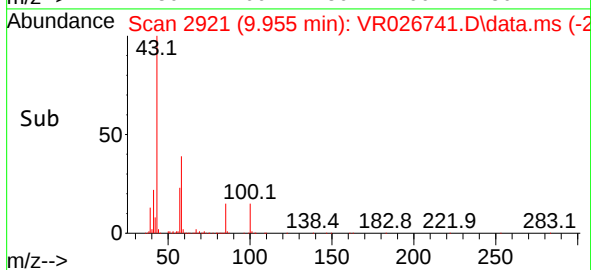
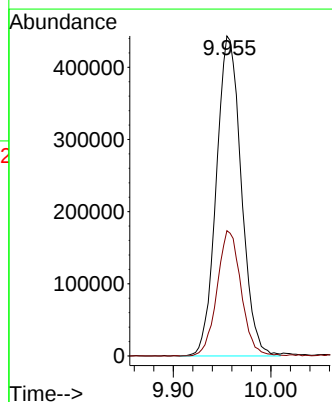
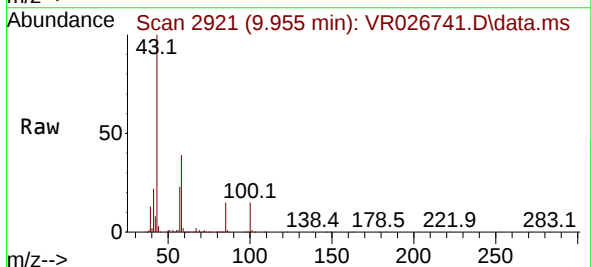
Instrument : MSVOA_R
ClientSampleId : VSTDIC005

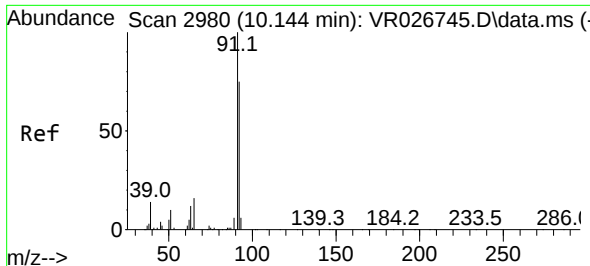
Tgt Ion: 98 Resp: 365583
Ion Ratio Lower Upper
98 100
100 64.9 55.7 83.5



#50
4-Methyl-2-Pentanone
Concen: 21.509 ug/l
RT: 9.955 min Scan# 2921
Delta R.T. -0.006 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 43 Resp: 787294
Ion Ratio Lower Upper
43 100
58 37.6 46.8 70.2#

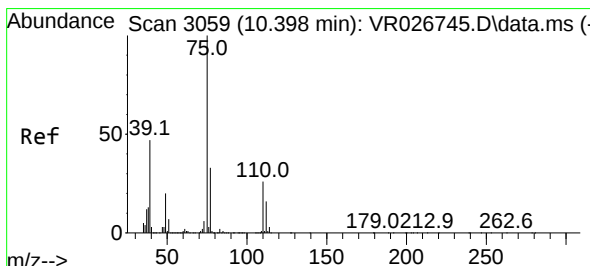
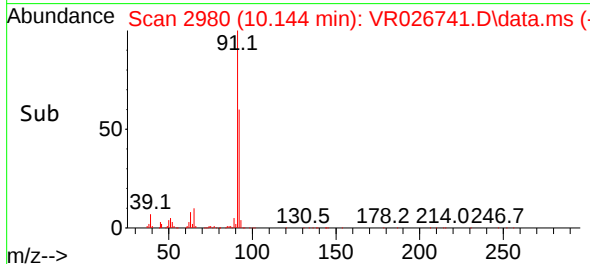
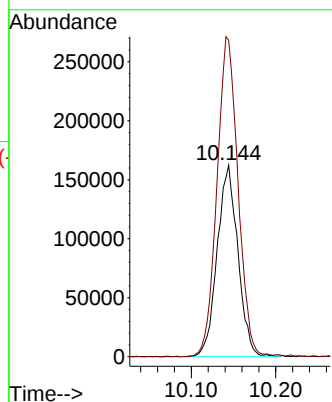
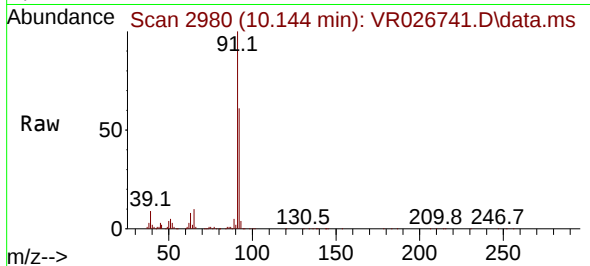




#51
Toluene
Concen: 5.006 ug/l
RT: 10.144 min Scan# 2980
Delta R.T. -0.000 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

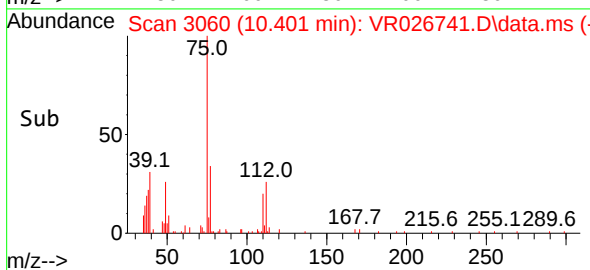
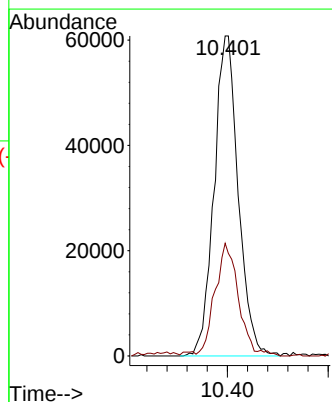
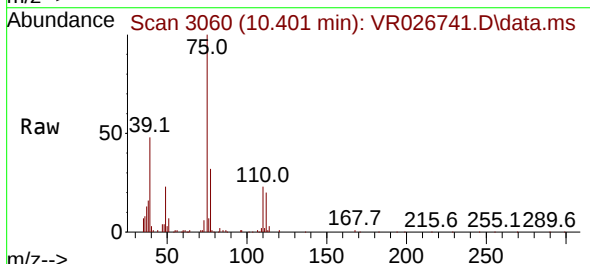
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

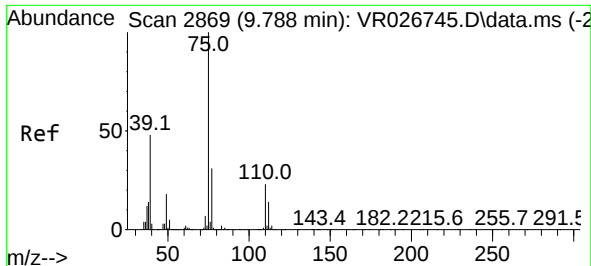
Tgt Ion: 92 Resp: 276069
Ion Ratio Lower Upper
92 100
91 169.9 120.1 180.1



#52
t-1,3-Dichloropropene
Concen: 3.908 ug/l
RT: 10.401 min Scan# 3060
Delta R.T. 0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 75 Resp: 101211
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.4

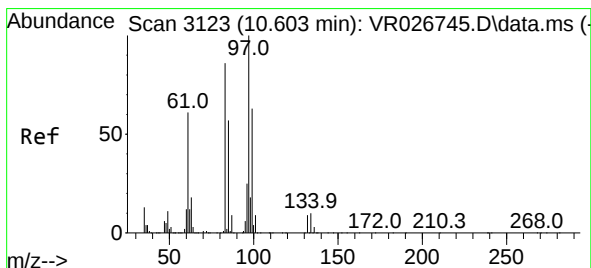
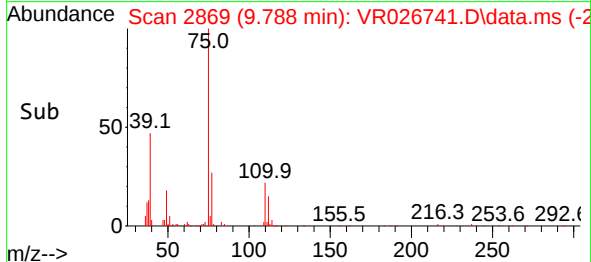
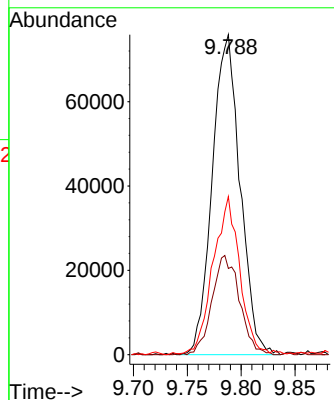
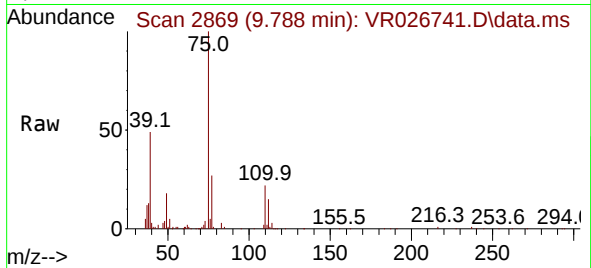




#53
cis-1,3-Dichloropropene
Concen: 4.340 ug/l
RT: 9.788 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

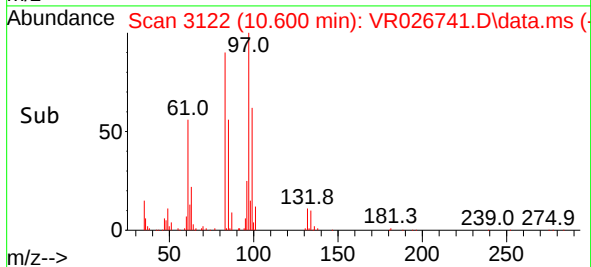
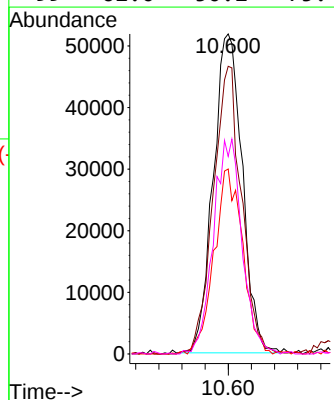
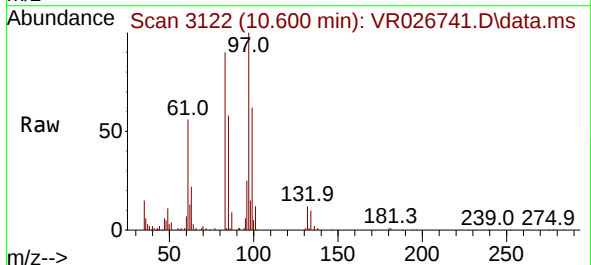
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

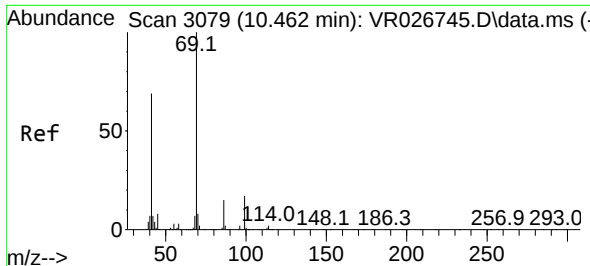
Tgt Ion: 75 Resp: 136352
Ion Ratio Lower Upper
75 100
77 26.9 25.1 37.7
39 49.0 38.5 57.7



#54
1,1,2-Trichloroethane
Concen: 4.592 ug/l
RT: 10.600 min Scan# 3122
Delta R.T. -0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 97 Resp: 89899
Ion Ratio Lower Upper
97 100
83 89.8 68.9 103.3
85 57.4 45.3 67.9
99 62.0 50.2 75.4

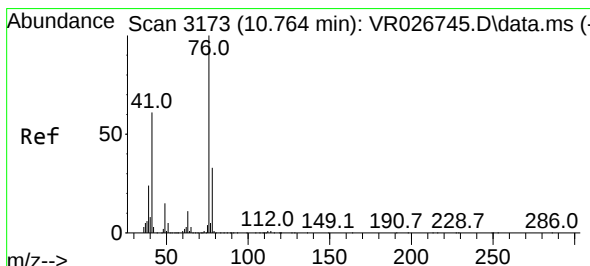
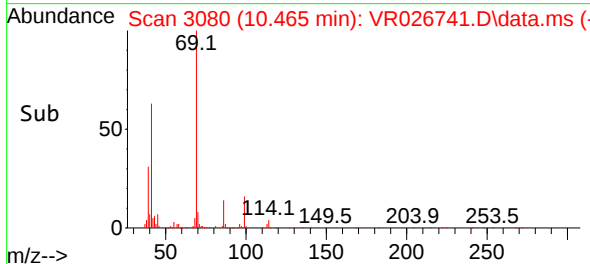
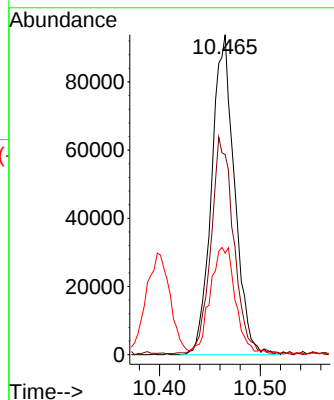
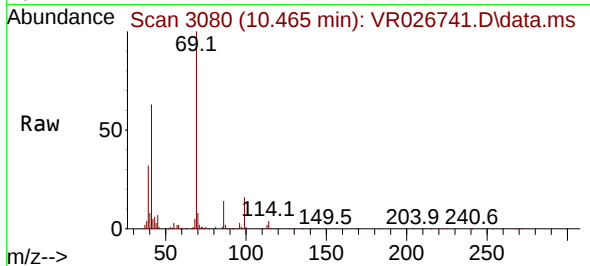




#55
 Ethyl methacrylate
 Concen: 4.399 ug/l
 RT: 10.465 min Scan# 3079
 Delta R.T. 0.003 min
 Lab File: VR026741.D
 Acq: 20 Aug 2025 14:49

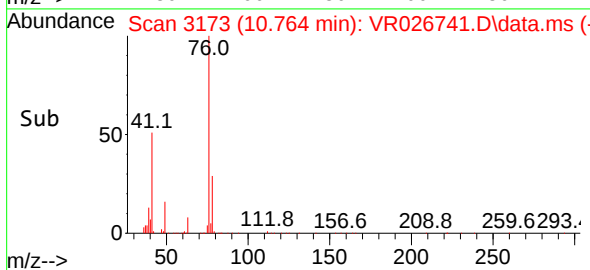
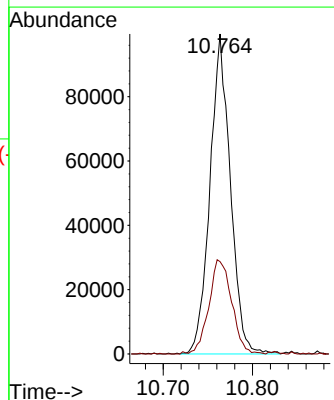
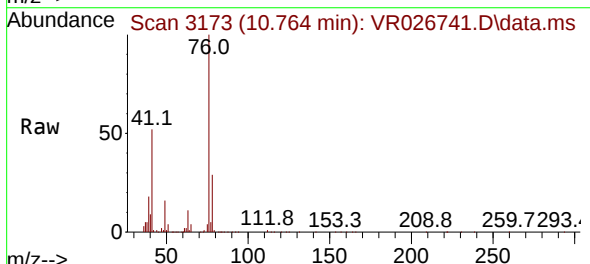
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC005

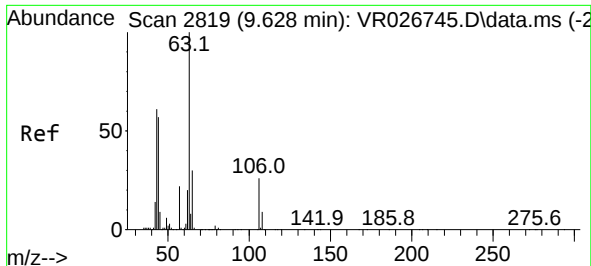
Tgt Ion: 69 Resp: 148130
 Ion Ratio Lower Upper
 69 100
 41 66.6 55.6 83.4
 39 34.7 29.2 43.8



#56
 1,3-Dichloropropane
 Concen: 4.779 ug/l
 RT: 10.764 min Scan# 3173
 Delta R.T. -0.000 min
 Lab File: VR026741.D
 Acq: 20 Aug 2025 14:49

Tgt Ion: 76 Resp: 157674
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.9 38.9

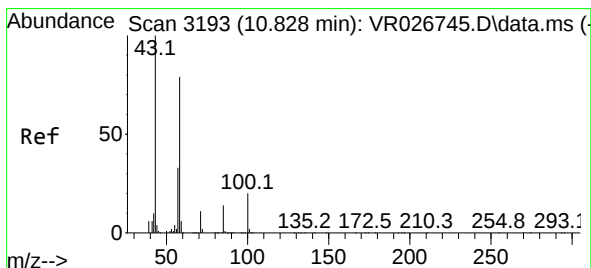
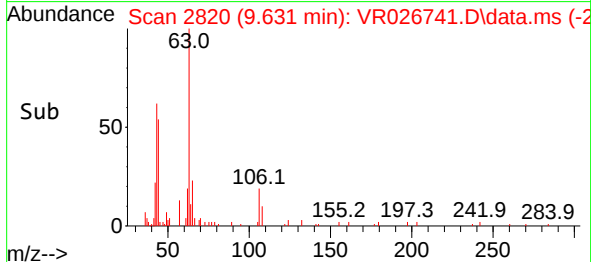
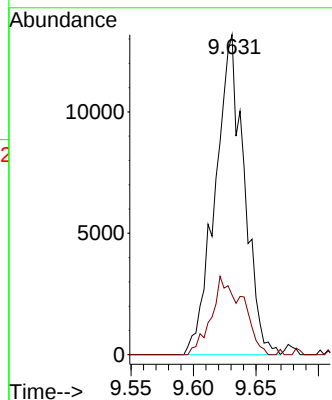
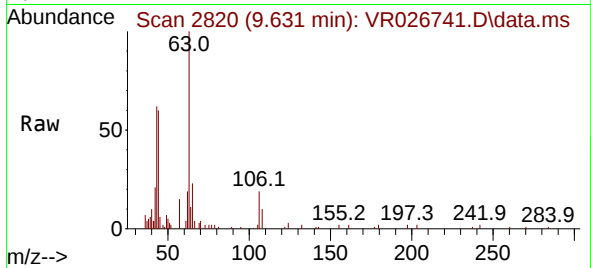




#57
2-Chloroethyl Vinyl ether
Concen: 31.414 ug/l
RT: 9.631 min Scan# 21298
Delta R.T. 0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

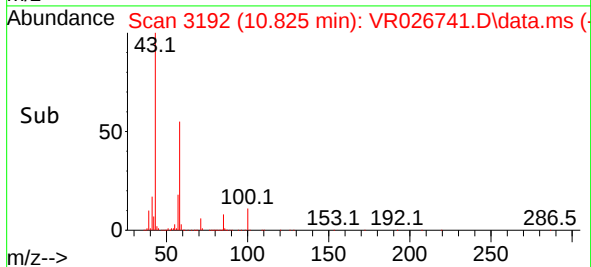
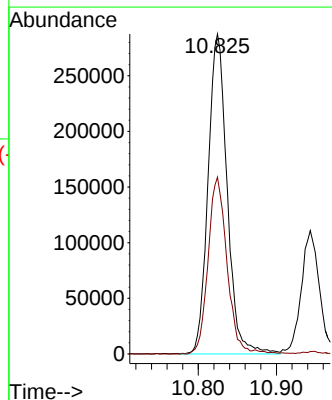
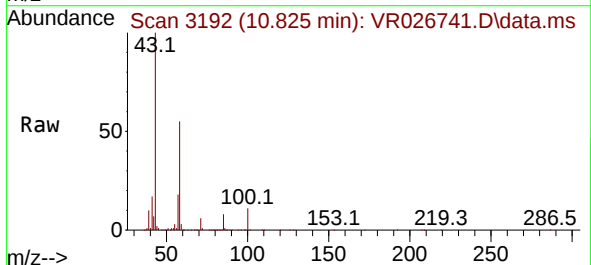
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

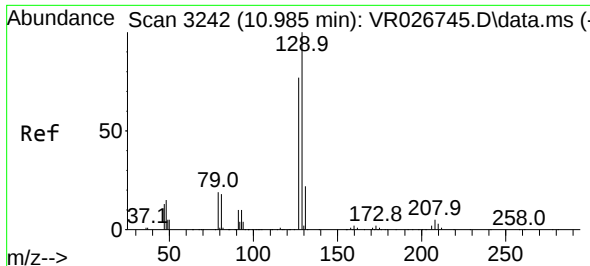
Tgt Ion: 63 Resp: 21298
Ion Ratio Lower Upper
63 100
106 26.5 21.5 32.3



#58
2-Hexanone
Concen: 25.296 ug/l
RT: 10.825 min Scan# 3192
Delta R.T. -0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 43 Resp: 487731
Ion Ratio Lower Upper
43 100
58 54.2 34.0 102.0

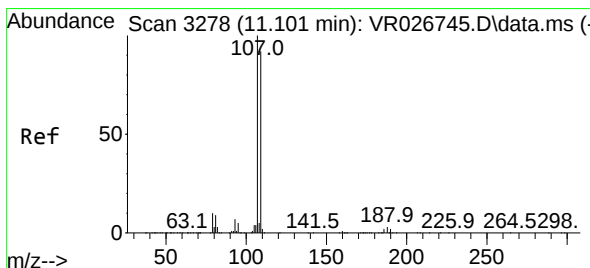
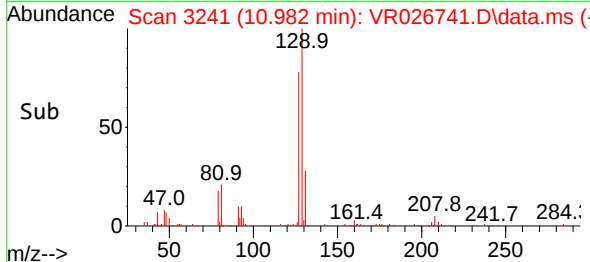
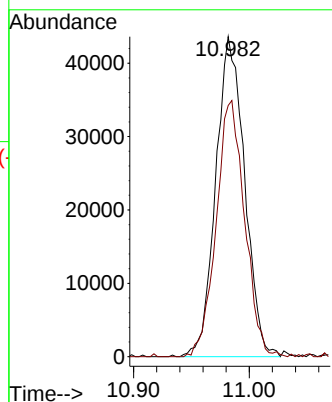
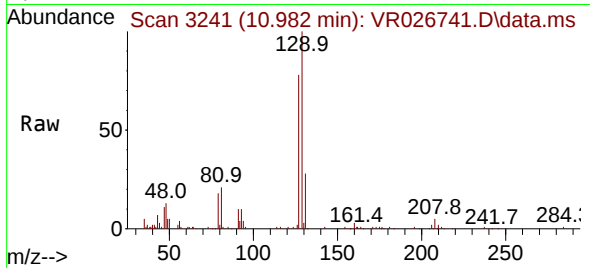




#59
Dibromochloromethane
Concen: 4.101 ug/l
RT: 10.982 min Scan# 31
Delta R.T. -0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

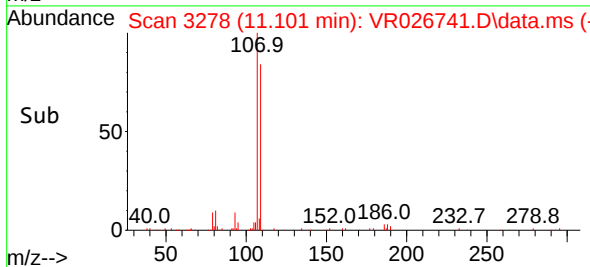
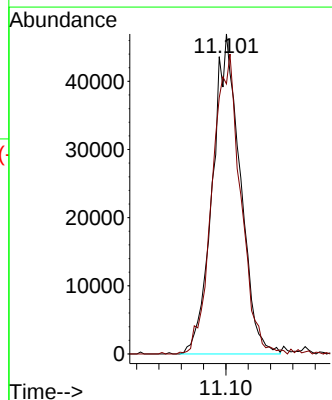
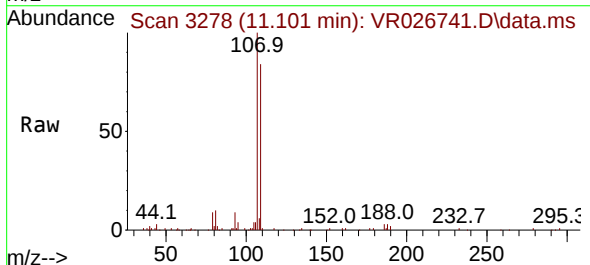
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

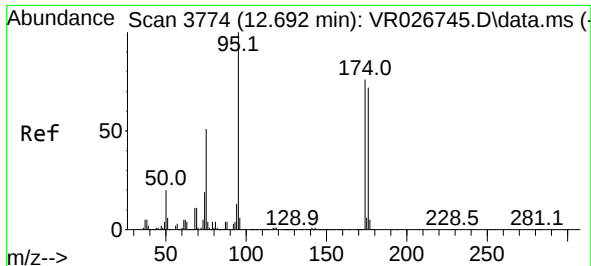
Tgt Ion:129 Resp: 75504
Ion Ratio Lower Upper
129 100
127 79.0 38.9 116.7



#60
1,2-Dibromoethane
Concen: 4.581 ug/l
RT: 11.101 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion:107 Resp: 81044
Ion Ratio Lower Upper
107 100
109 95.7 74.3 111.5

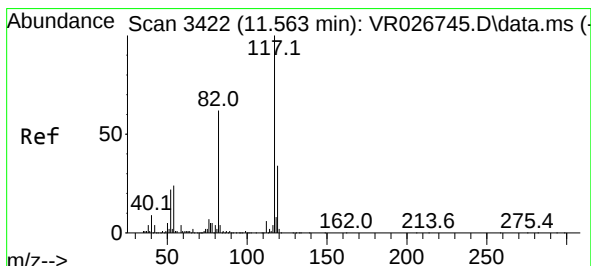
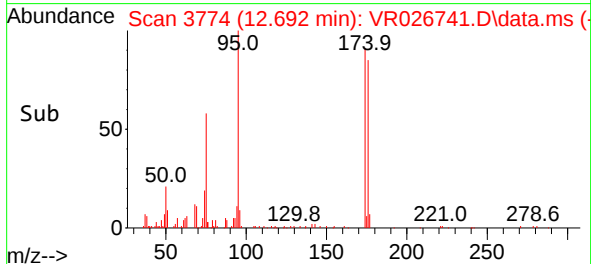
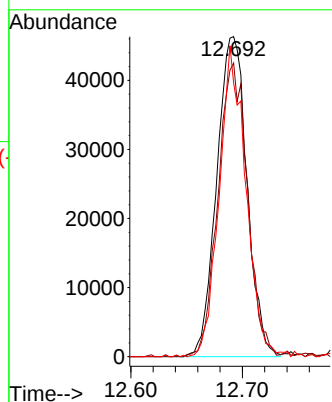
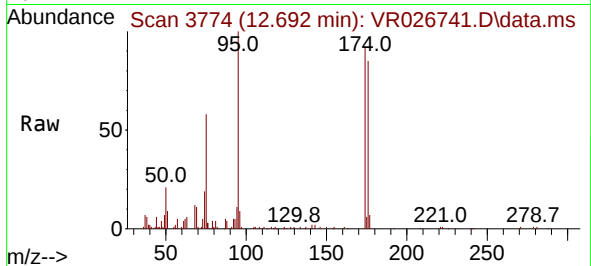




#61
4-Bromofluorobenzene
Concen: 4.535 ug/l
RT: 12.692 min Scan# 31
Delta R.T. -0.000 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

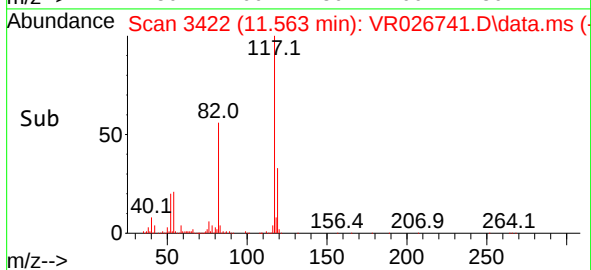
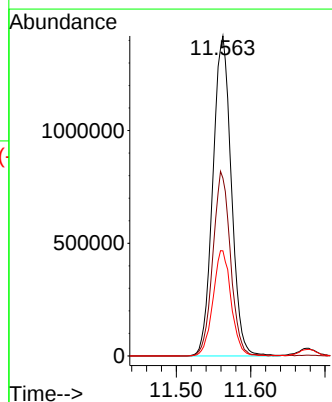
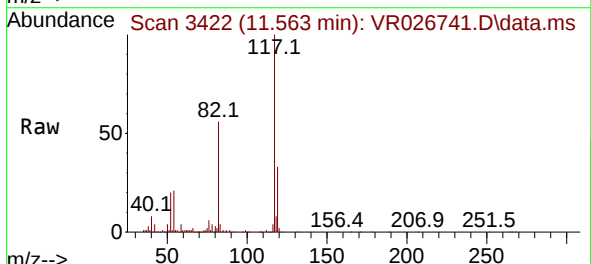
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

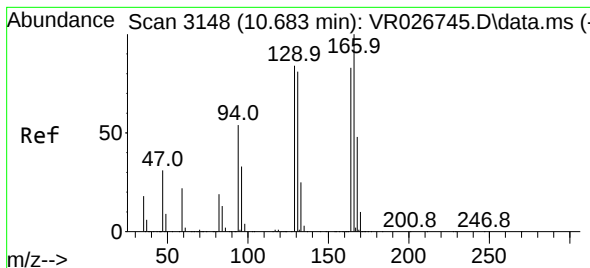
Tgt Ion: 95 Resp: 87141
Ion Ratio Lower Upper
95 100
174 89.6 0.0 156.6
176 85.5 0.0 150.2



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.563 min Scan# 3422
Delta R.T. -0.000 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 117 Resp: 2447961
Ion Ratio Lower Upper
117 100
82 55.5 49.9 74.9
119 32.9 27.4 41.2





#63

Tetrachloroethene

Concen: 4.998 ug/l

RT: 10.683 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC005

Tgt Ion:164 Resp: 85972

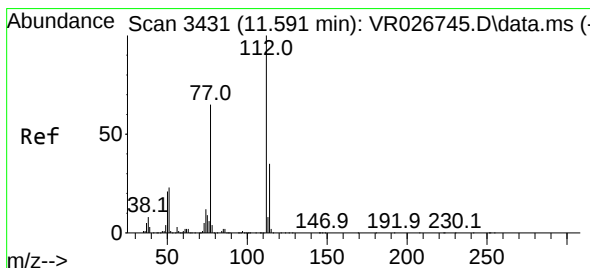
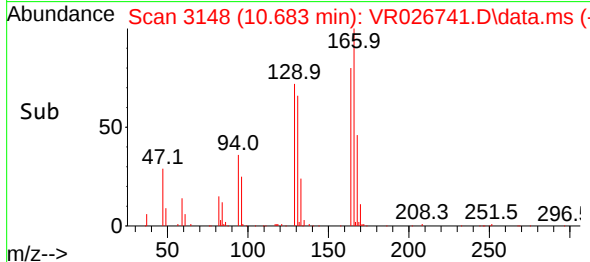
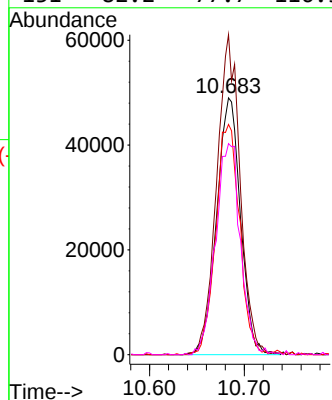
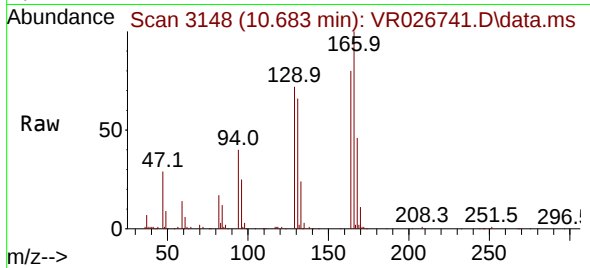
Ion Ratio Lower Upper

164 100

166 124.6 95.9 143.9

129 89.7 80.2 120.2

131 82.2 77.7 116.5



#64

Chlorobenzene

Concen: 5.109 ug/l

RT: 11.588 min Scan# 3430

Delta R.T. -0.003 min

Lab File: VR026741.D

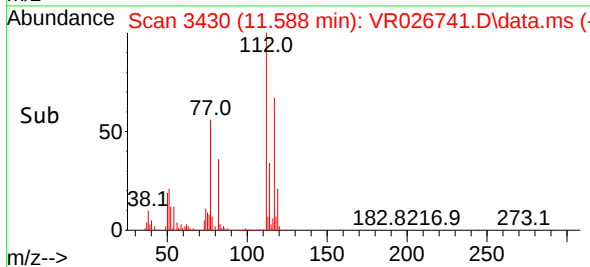
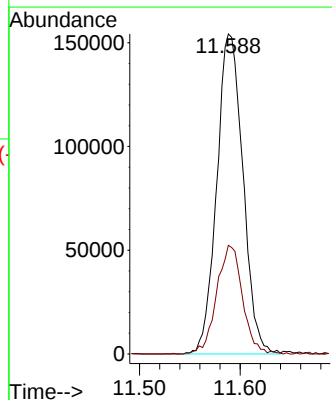
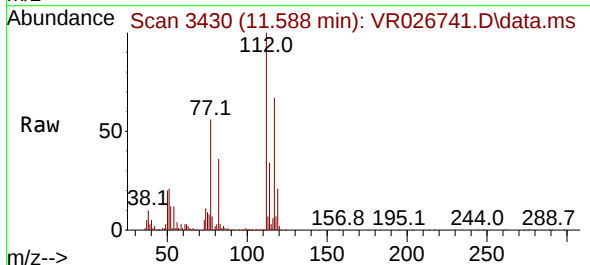
Acq: 20 Aug 2025 14:49

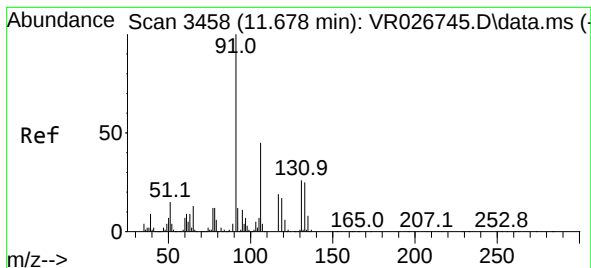
Tgt Ion:112 Resp: 278306

Ion Ratio Lower Upper

112 100

114 34.0 28.0 42.0

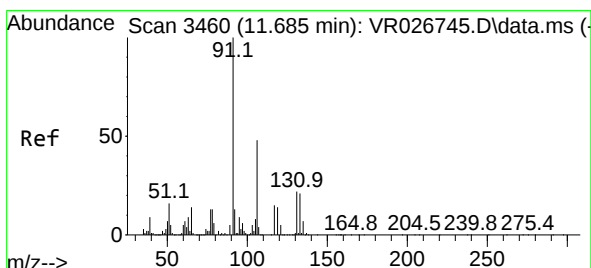
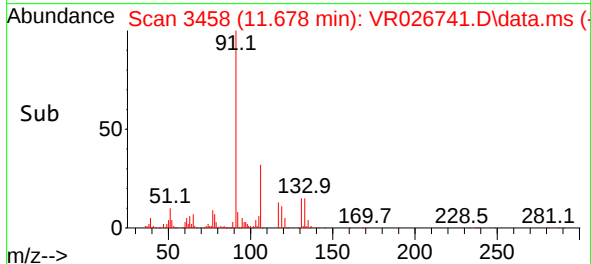
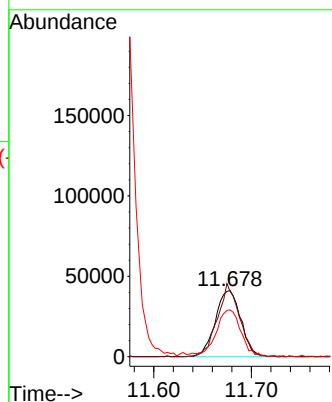
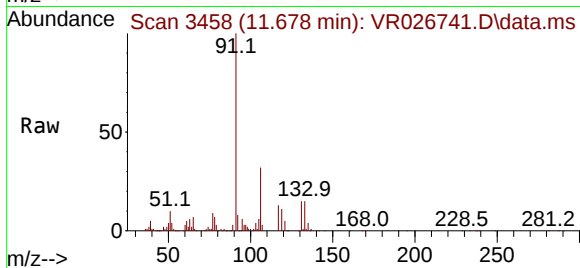




#65
 1,1,1,2-Tetrachloroethane
 Concen: 4.072 ug/l
 RT: 11.678 min Scan# 3458
 Delta R.T. -0.000 min
 Lab File: VR026741.D
 Acq: 20 Aug 2025 14:49

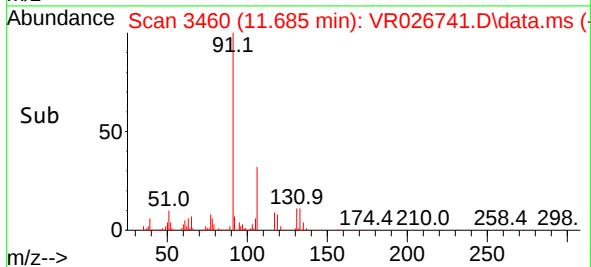
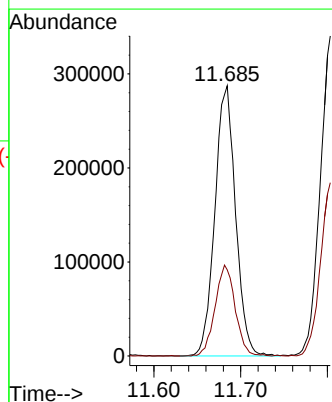
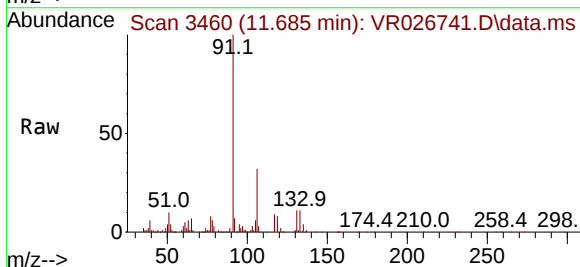
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC005

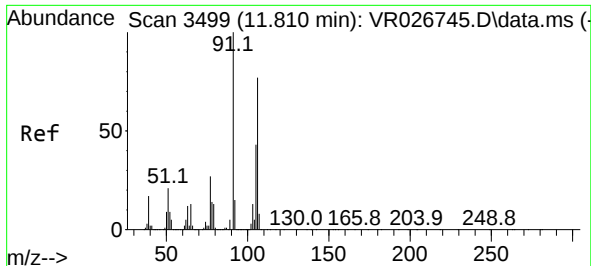
Tgt Ion:131 Resp: 74476
 Ion Ratio Lower Upper
 131 100
 133 95.5 47.3 141.8
 119 68.4 33.9 101.7



#66
 Ethyl Benzene
 Concen: 5.231 ug/l
 RT: 11.685 min Scan# 3460
 Delta R.T. -0.000 min
 Lab File: VR026741.D
 Acq: 20 Aug 2025 14:49

Tgt Ion: 91 Resp: 476416
 Ion Ratio Lower Upper
 91 100
 106 31.9 38.7 58.1#

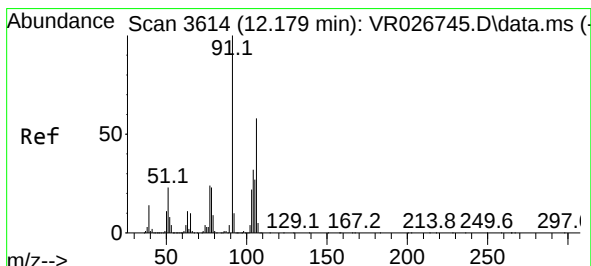
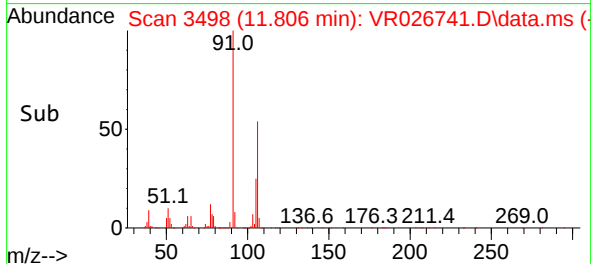
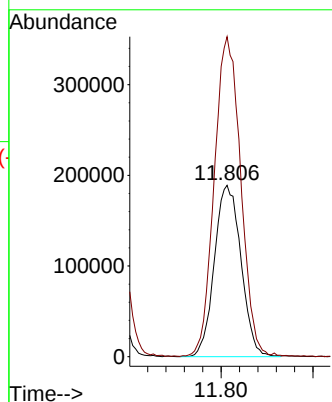
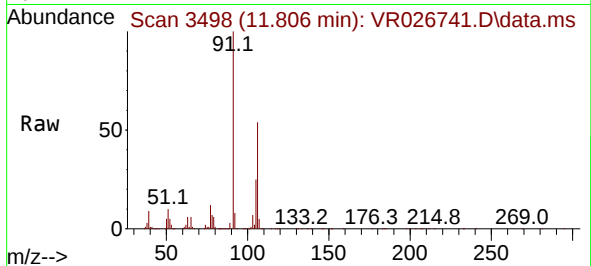




#67
m/p-Xylenes
Concen: 9.963 ug/l
RT: 11.806 min Scan# 3499
Delta R.T. -0.004 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

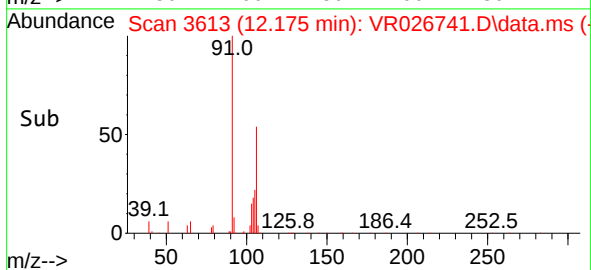
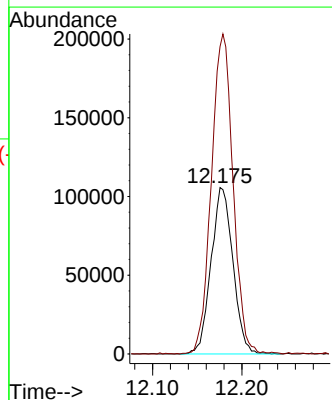
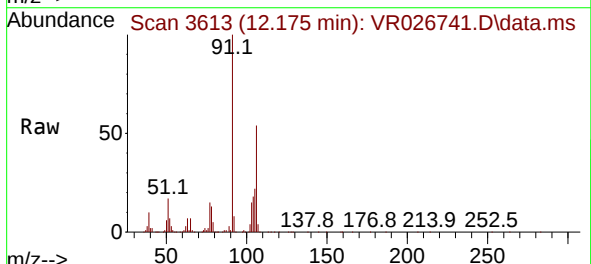
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

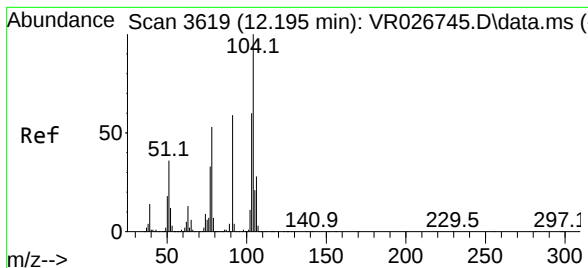
Tgt Ion:106 Resp: 379719
Ion Ratio Lower Upper
106 100
91 184.9 121.6 182.4#



#68
o-Xylene
Concen: 4.645 ug/l
RT: 12.175 min Scan# 3613
Delta R.T. -0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion:106 Resp: 179386
Ion Ratio Lower Upper
106 100
91 190.6 93.7 281.1





#69

Styrene

Concen: 4.655 ug/l

RT: 12.192 min Scan# 3618

Delta R.T. -0.003 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC005

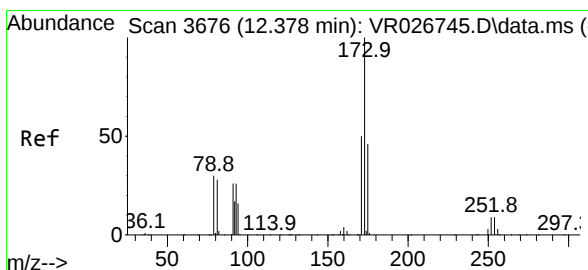
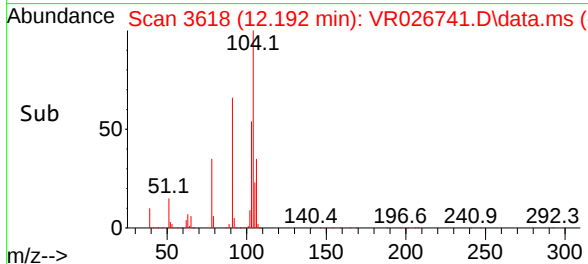
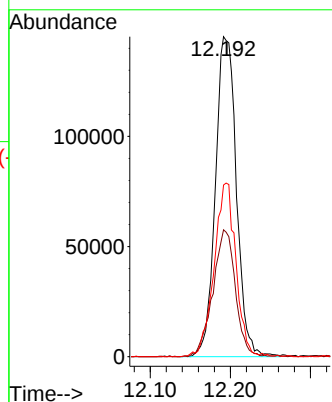
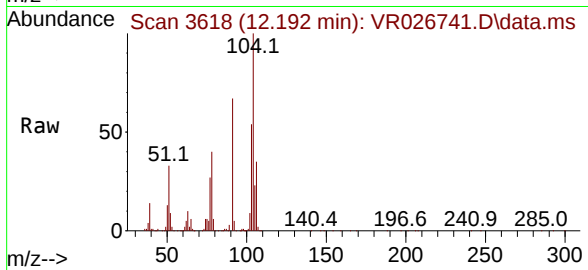
Tgt Ion:104 Resp: 264540

Ion Ratio Lower Upper

104 100

78 42.5 42.5 63.7#

103 55.9 47.5 71.3



#70

Bromoform

Concen: 3.671 ug/l

RT: 12.374 min Scan# 3675

Delta R.T. -0.003 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

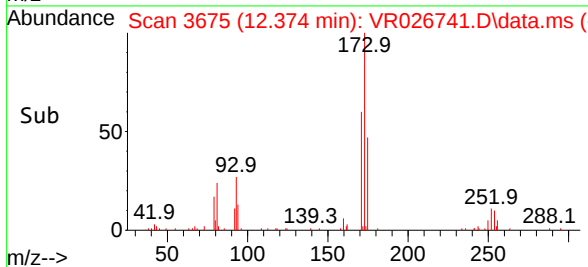
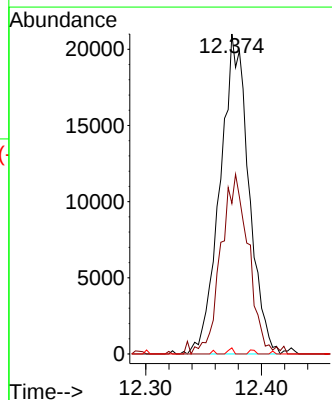
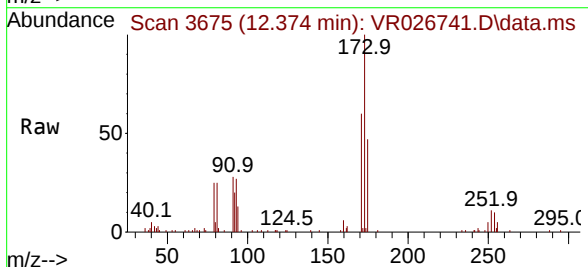
Tgt Ion:173 Resp: 36205

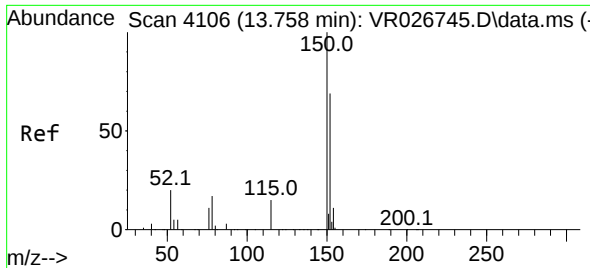
Ion Ratio Lower Upper

173 100

175 54.2 23.8 71.4

254 0.3 0.0 0.0#

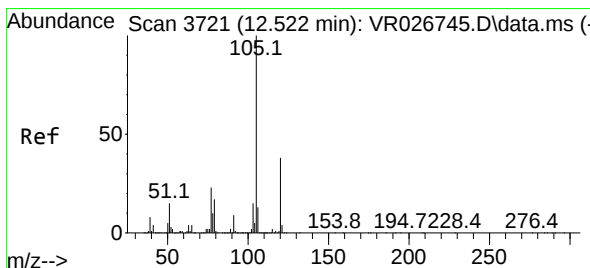
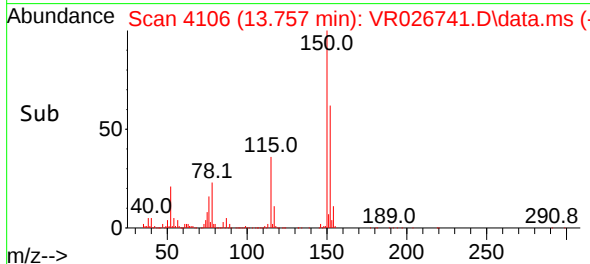
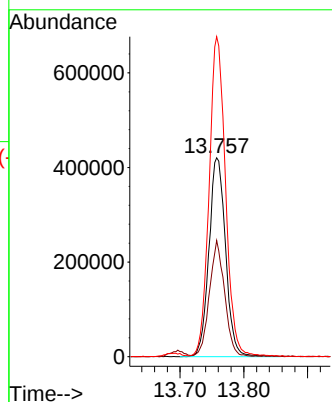
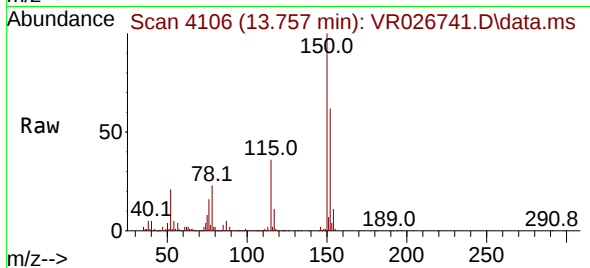




#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.757 min Scan# 4106
Delta R.T. -0.000 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

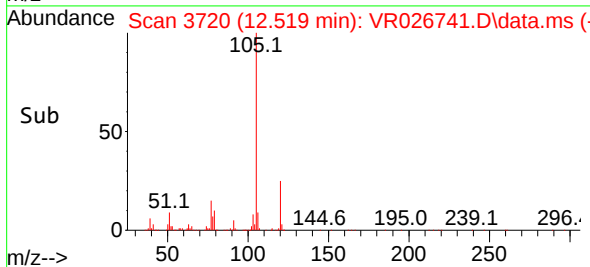
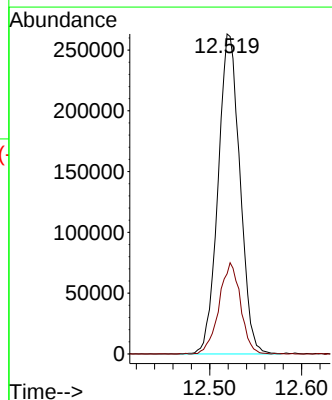
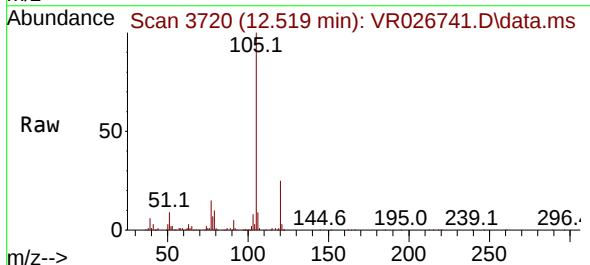
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

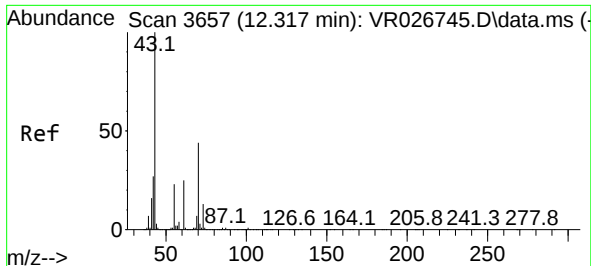
Tgt Ion:152 Resp: 763829
Ion Ratio Lower Upper
152 100
115 53.0 28.5 85.5
150 158.1 0.0 352.0



#72
Isopropylbenzene
Concen: 5.240 ug/l
RT: 12.519 min Scan# 3720
Delta R.T. -0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion:105 Resp: 434456
Ion Ratio Lower Upper
105 100
120 28.1 16.4 49.2



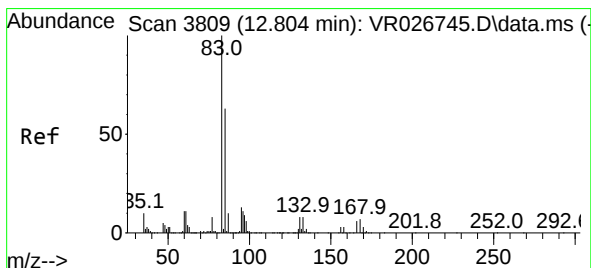
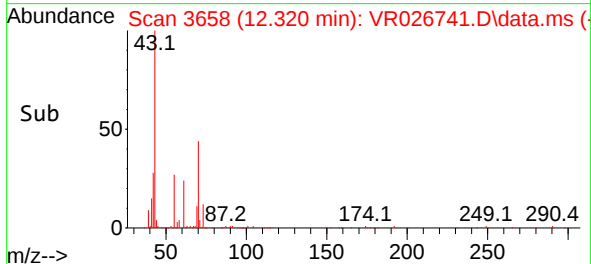
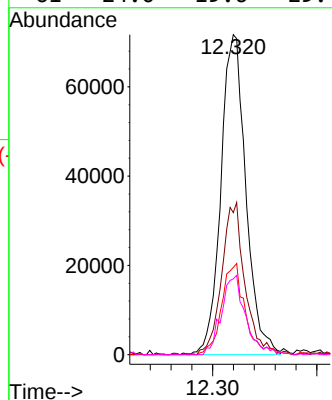
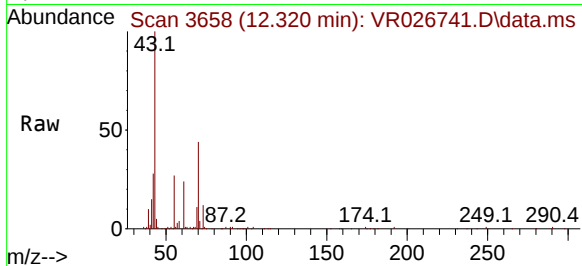


#73
N-ethyl acetate
Concen: 3.998 ug/l
RT: 12.320 min Scan# 3658
Delta R.T. 0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 119666

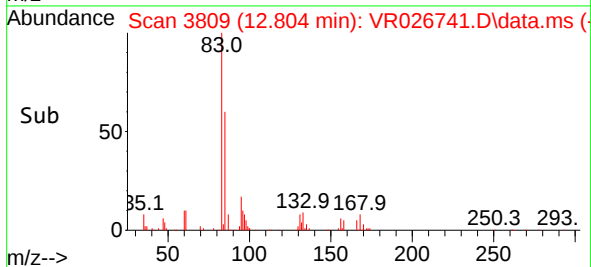
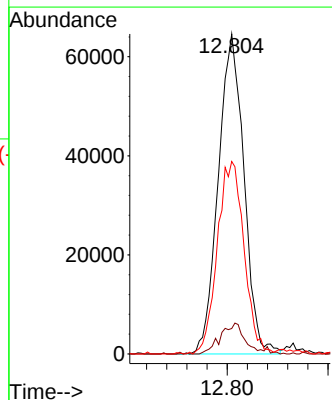
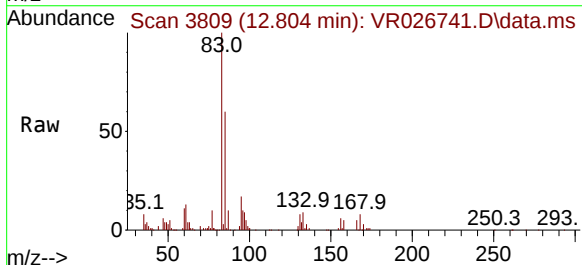
Ion	Ratio	Lower	Upper
43	100		
70	44.0	34.1	51.1
55	26.9	18.1	27.1
61	24.0	19.6	29.4

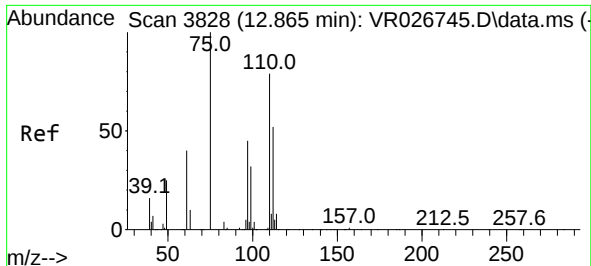


#74
1,1,2,2-Tetrachloroethane
Concen: 4.813 ug/l
RT: 12.804 min Scan# 3809
Delta R.T. -0.000 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 83 Resp: 114233

Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.6	13.8
85	62.4	31.7	95.1

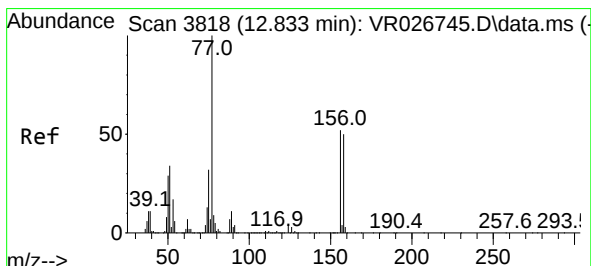
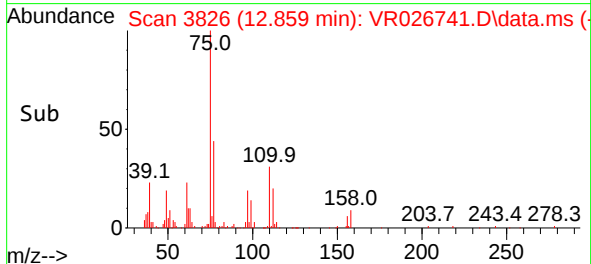
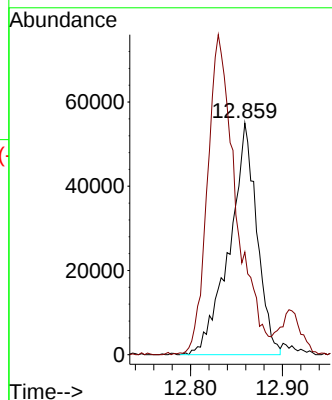
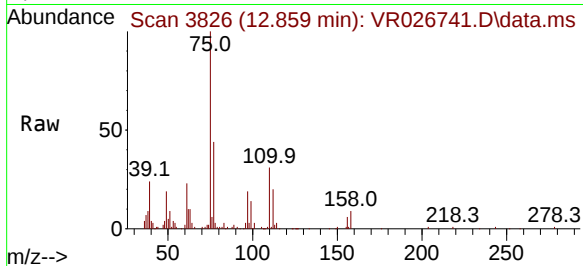




#75
1,2,3-Trichloropropane
Concen: 6.639 ug/l
RT: 12.859 min Scan# 3826
Delta R.T. -0.006 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

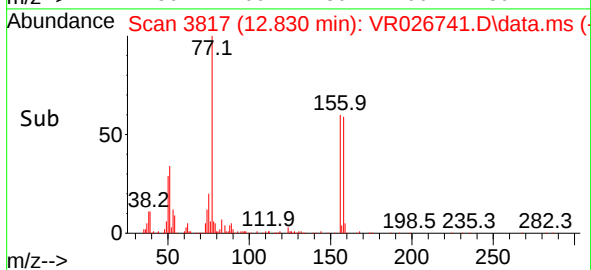
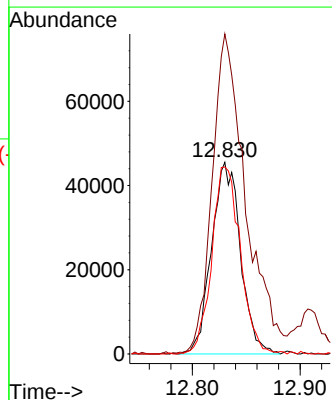
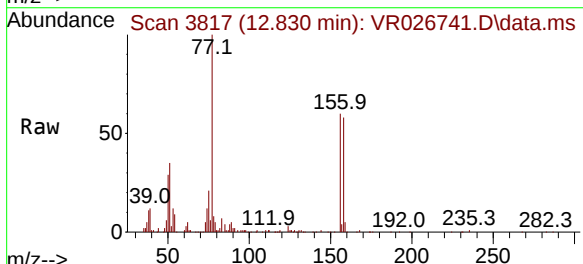
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

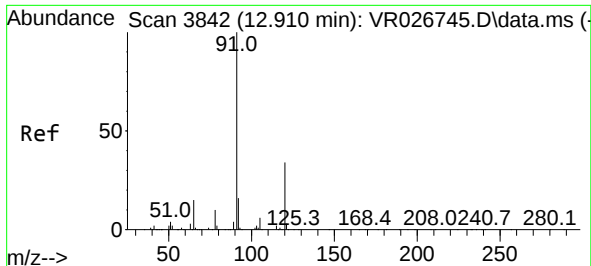
Tgt Ion: 75 Resp: 114135
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 4.675 ug/l
RT: 12.830 min Scan# 3817
Delta R.T. -0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 156 Resp: 84848
Ion Ratio Lower Upper
156 100
77 194.7 109.8 329.4
158 96.7 47.5 142.6

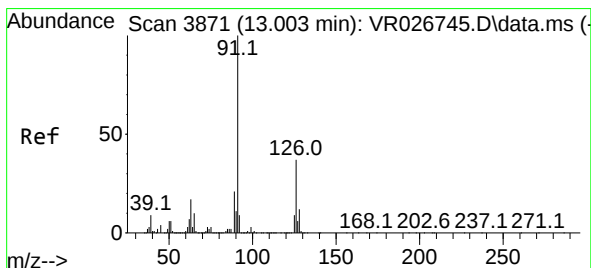
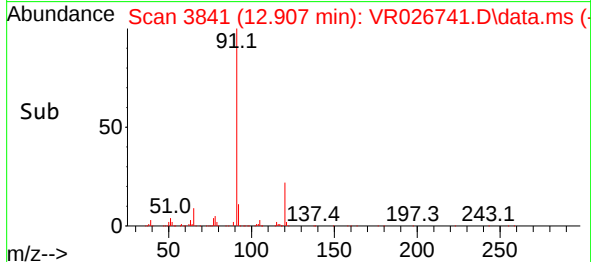
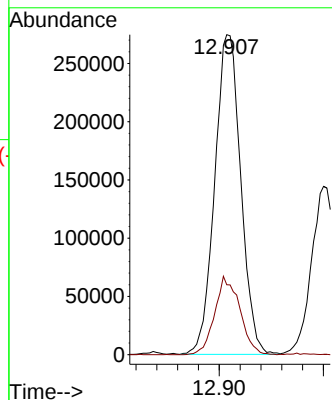
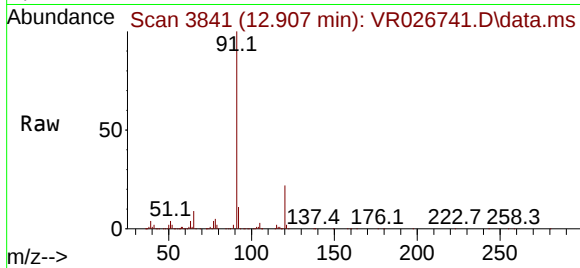




#77
n-propylbenzene
Concen: 5.360 ug/l
RT: 12.907 min Scan# 3841
Delta R.T. -0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

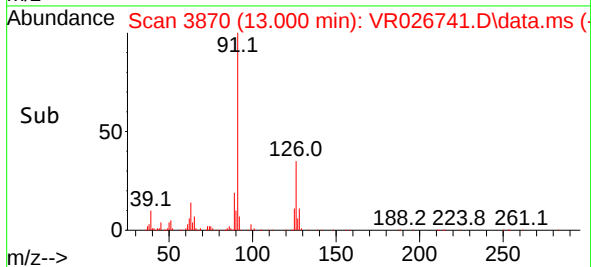
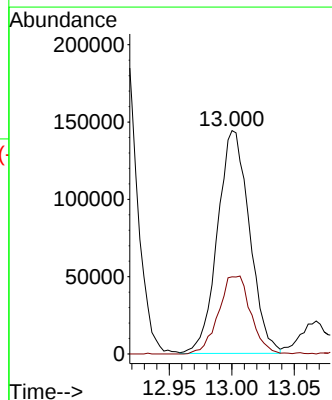
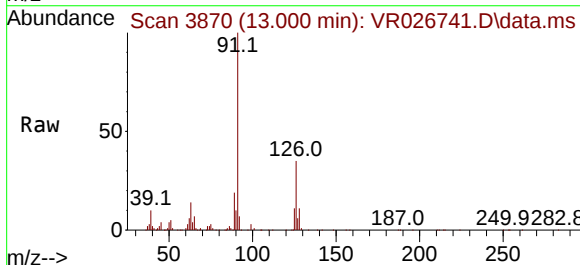
Instrument : MSVOA_R
ClientSampleId : VSTDIC005

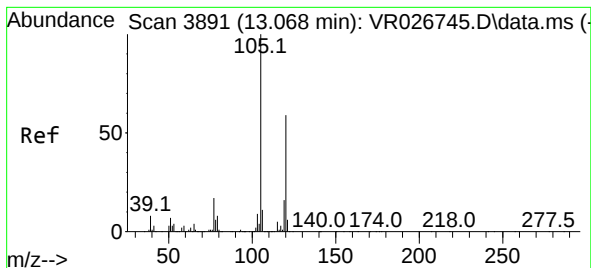
Tgt Ion: 91 Resp: 476486
Ion Ratio Lower Upper
91 100
120 23.5 14.2 42.8



#78
2-Chlorotoluene
Concen: 4.904 ug/l
RT: 13.000 min Scan# 3870
Delta R.T. -0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 91 Resp: 257438
Ion Ratio Lower Upper
91 100
126 35.1 18.0 54.0





#79

1,3,5-Trimethylbenzene

Concen: 5.052 ug/l

RT: 13.068 min Scan# 3891

Delta R.T. -0.000 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

Instrument :

MSVOA_R

ClientSampleId :

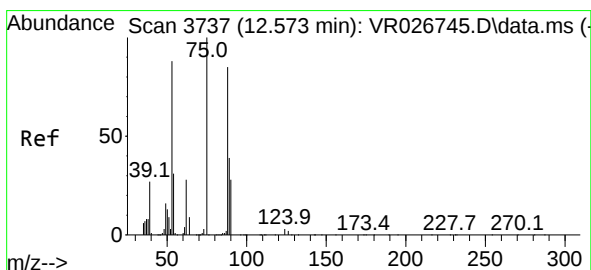
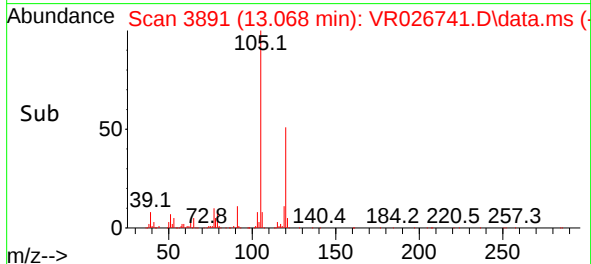
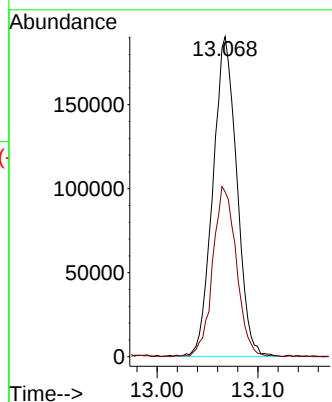
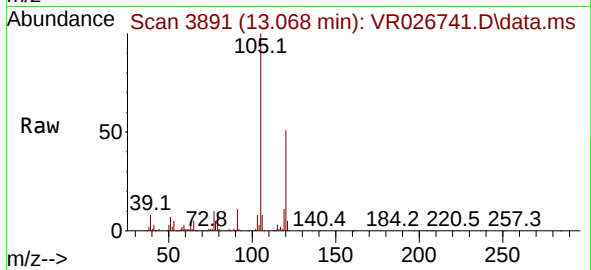
VSTDICC005

Tgt Ion:105 Resp: 312819

Ion Ratio Lower Upper

105 100

120 52.8 27.8 83.4



#80

trans-1,4-Dichloro-2-butene

Concen: 7.696 ug/l

RT: 12.573 min Scan# 3737

Delta R.T. 0.000 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

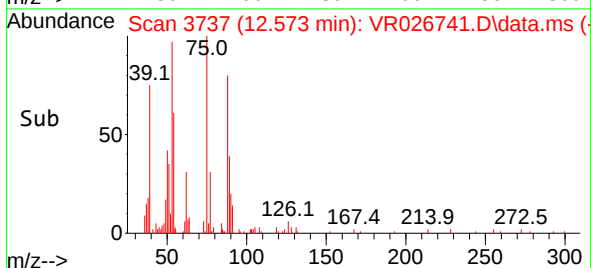
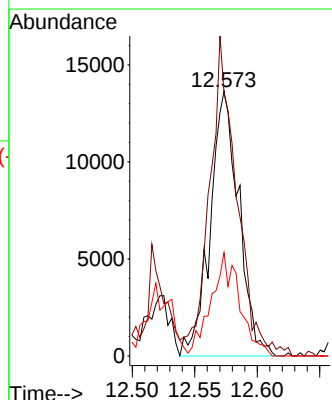
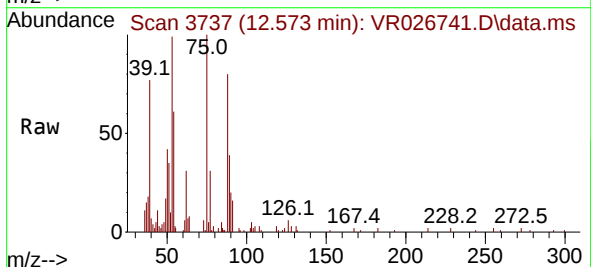
Tgt Ion: 75 Resp: 21800

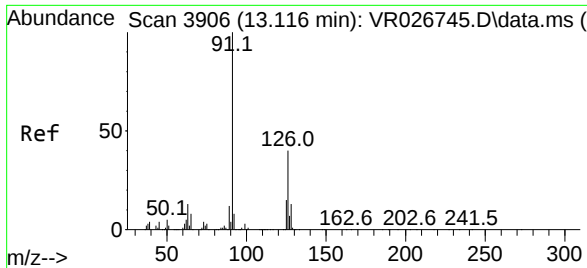
Ion Ratio Lower Upper

75 100

53 113.5 70.9 106.3#

89 39.1 33.4 50.0

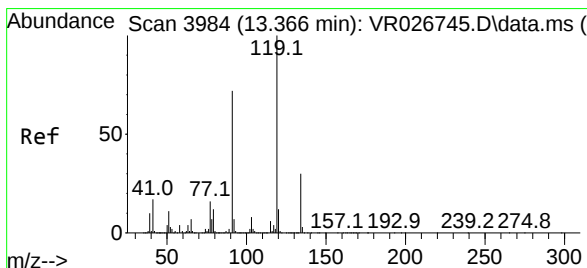
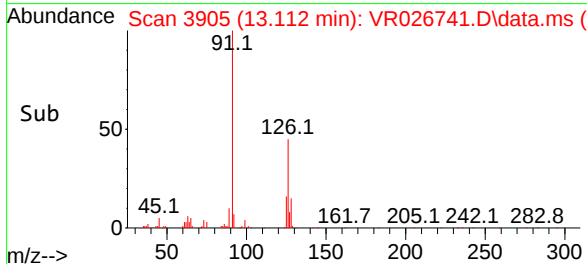
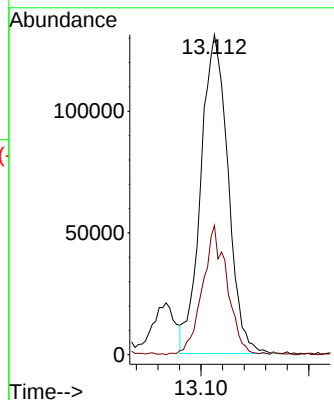
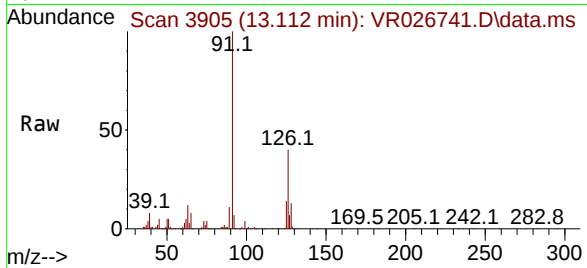




#81
4-Chlorotoluene
Concen: 4.780 ug/l
RT: 13.112 min Scan# 3905
Delta R.T. -0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

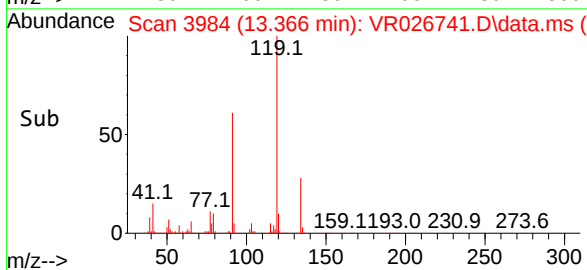
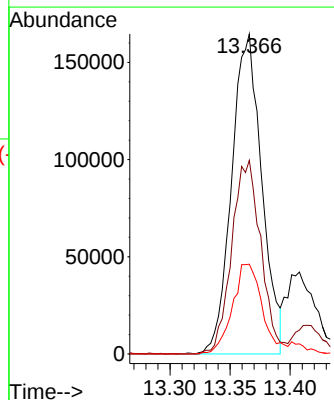
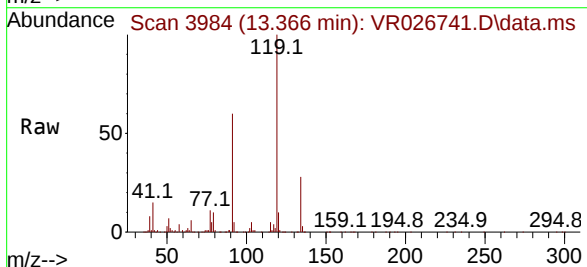
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

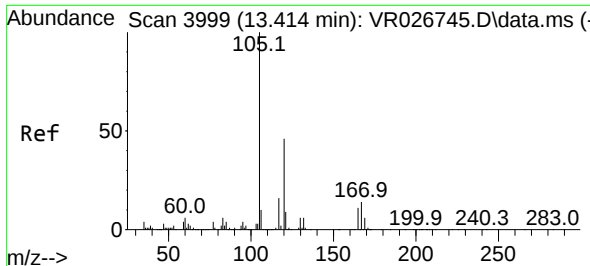
Tgt Ion: 91 Resp: 229904
Ion Ratio Lower Upper
91 100
126 36.8 18.2 54.6



#82
tert-Butylbenzene
Concen: 4.966 ug/l
RT: 13.366 min Scan# 3984
Delta R.T. -0.000 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 119 Resp: 287450
Ion Ratio Lower Upper
119 100
91 58.9 33.5 100.5
134 27.8 14.9 44.9

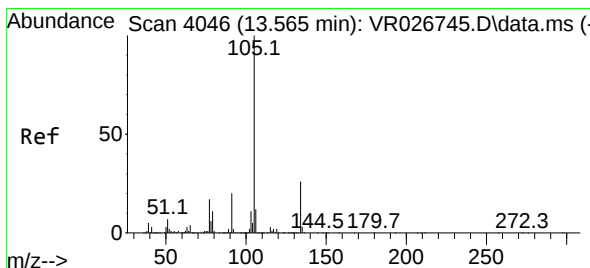
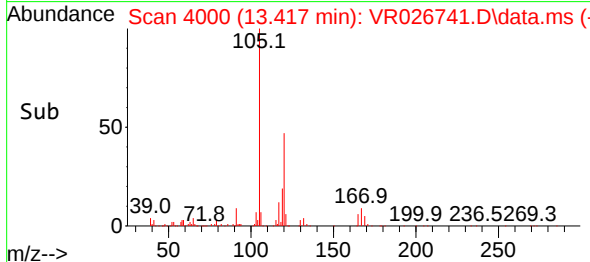
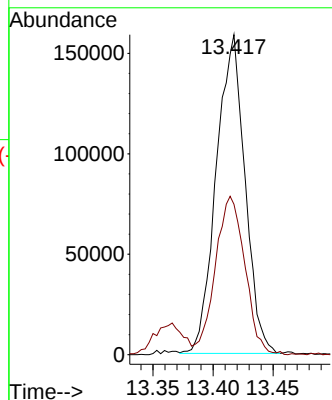
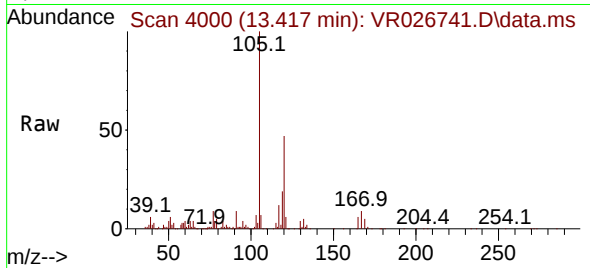




#83
1,2,4-Trimethylbenzene
Concen: 4.669 ug/l
RT: 13.417 min Scan# 4000
Delta R.T. 0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

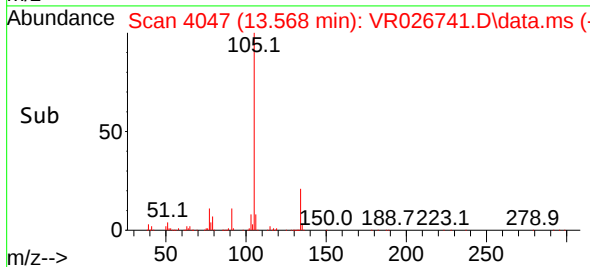
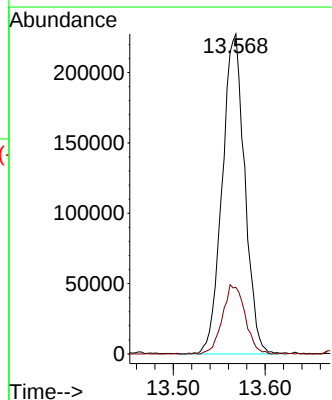
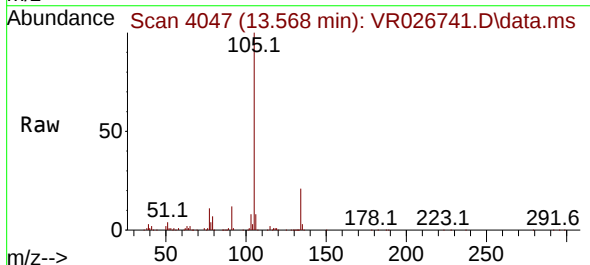
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

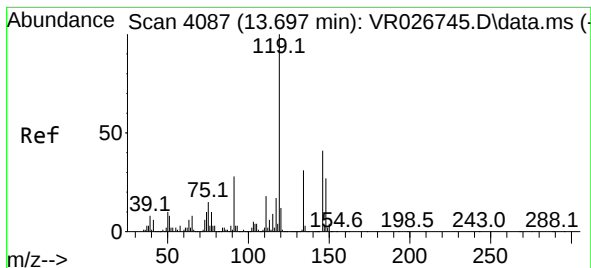
Tgt Ion:105 Resp: 263596
Ion Ratio Lower Upper
105 100
120 51.3 25.3 75.9



#84
sec-Butylbenzene
Concen: 5.197 ug/l
RT: 13.568 min Scan# 4047
Delta R.T. 0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion:105 Resp: 386969
Ion Ratio Lower Upper
105 100
134 21.7 11.6 34.7





#85

p-Isopropyltoluene

Concen: 4.787 ug/l

RT: 13.697 min Scan# 4087

Delta R.T. -0.000 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC005

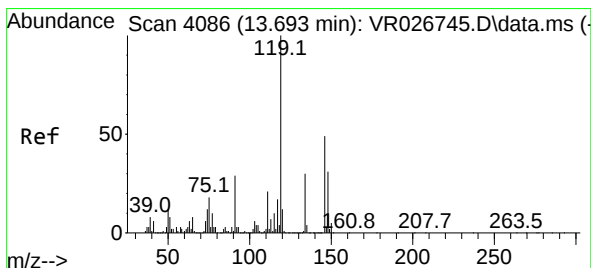
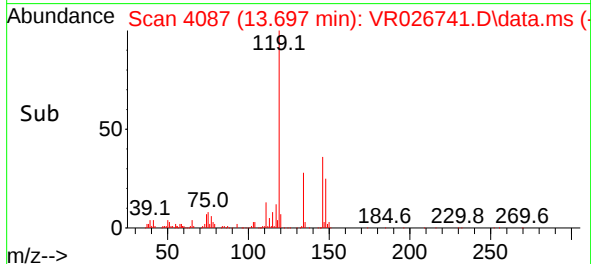
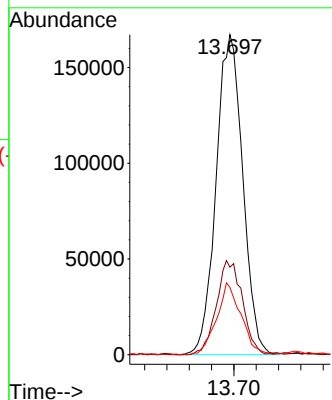
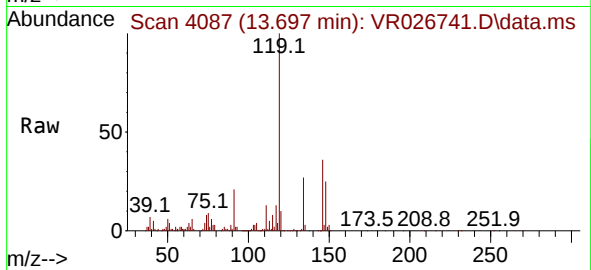
Tgt Ion:119 Resp: 276935

Ion Ratio Lower Upper

119 100

134 28.6 14.4 43.2

91 20.5 12.7 38.0



#86

1,3-Dichlorobenzene

Concen: 4.745 ug/l

RT: 13.693 min Scan# 4086

Delta R.T. 0.000 min

Lab File: VR026741.D

Acq: 20 Aug 2025 14:49

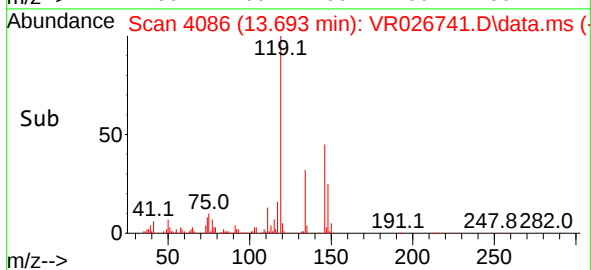
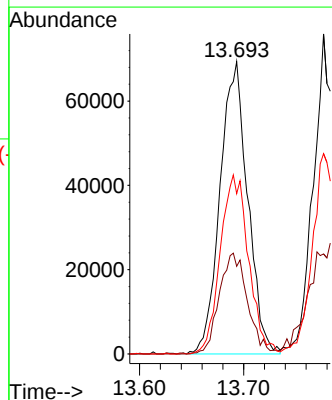
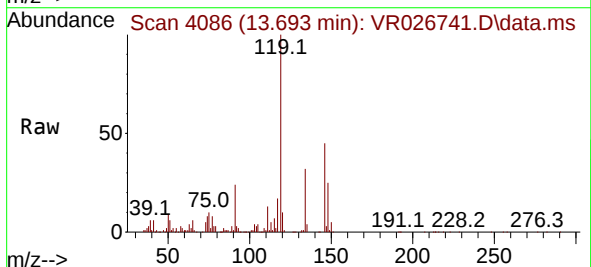
Tgt Ion:146 Resp: 127878

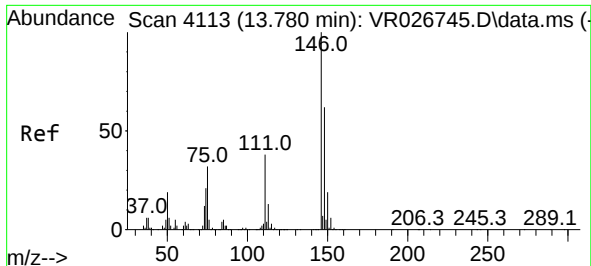
Ion Ratio Lower Upper

146 100

111 35.0 20.9 62.7

148 62.7 31.8 95.3

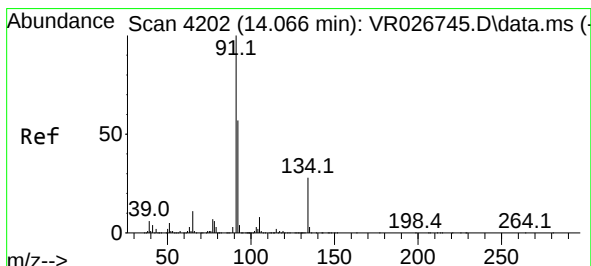
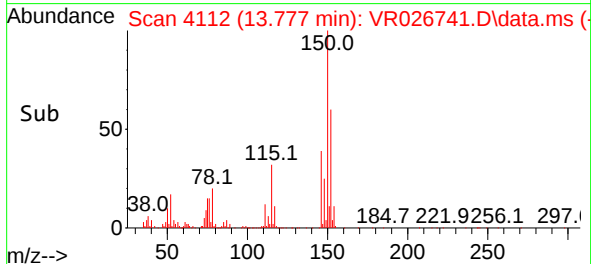
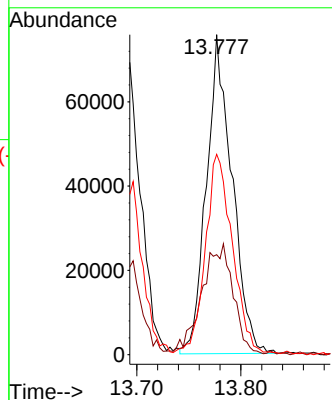
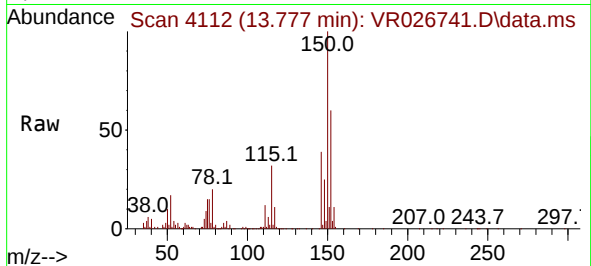




#87
1,4-Dichlorobenzene
Concen: 4.968 ug/l
RT: 13.777 min Scan# 4113
Delta R.T. -0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

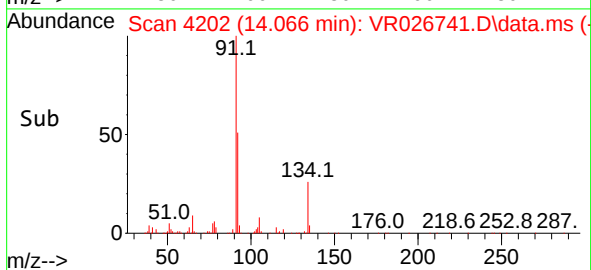
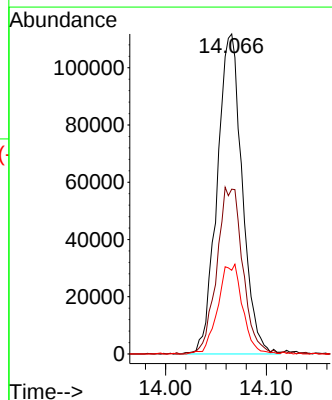
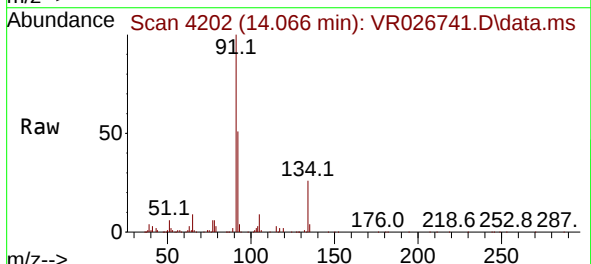
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

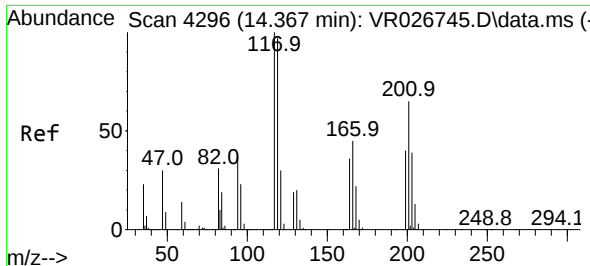
Tgt Ion:146 Resp: 128991
Ion Ratio Lower Upper
146 100
111 42.4 18.6 55.6
148 66.2 31.5 94.5



#88
n-Butylbenzene
Concen: 4.675 ug/l
RT: 14.066 min Scan# 4202
Delta R.T. -0.000 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion: 91 Resp: 193265
Ion Ratio Lower Upper
91 100
92 54.0 27.7 83.0
134 27.7 13.5 40.5

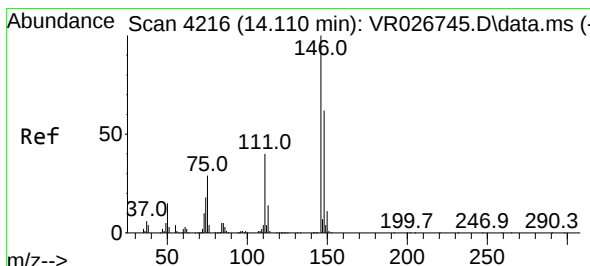
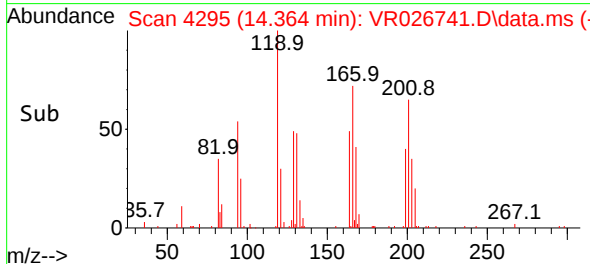
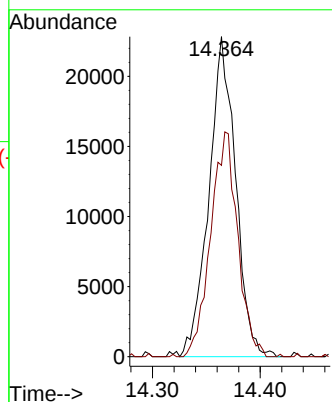
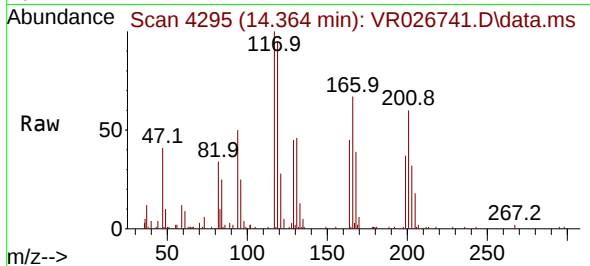




#89
Hexachloroethane
Concen: 4.190 ug/l
RT: 14.364 min Scan# 41
Delta R.T. -0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

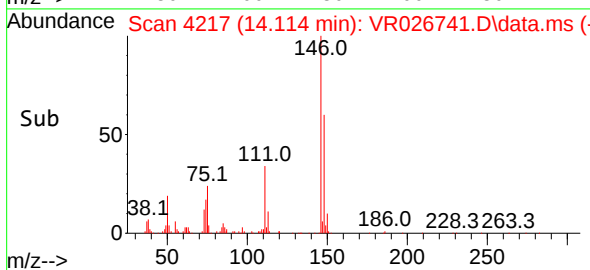
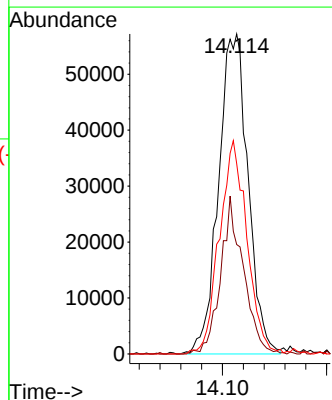
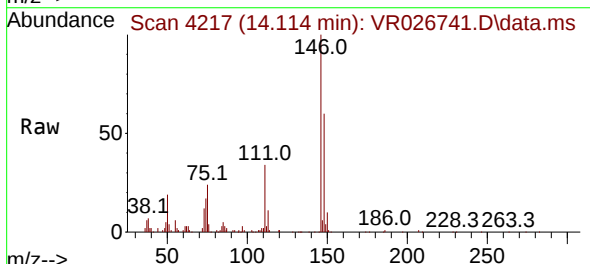
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

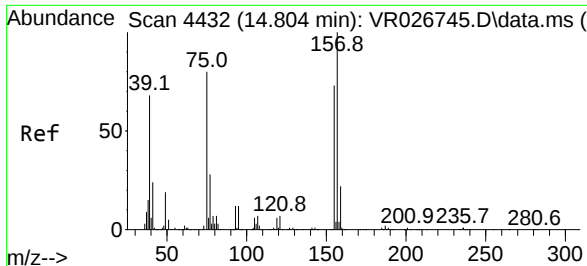
Tgt Ion:117 Resp: 39315
Ion Ratio Lower Upper
117 100
201 71.1 33.3 99.9



#90
1,2-Dichlorobenzene
Concen: 4.957 ug/l
RT: 14.114 min Scan# 4217
Delta R.T. 0.004 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion:146 Resp: 112198
Ion Ratio Lower Upper
146 100
111 38.1 19.9 59.7
148 62.5 31.5 94.5

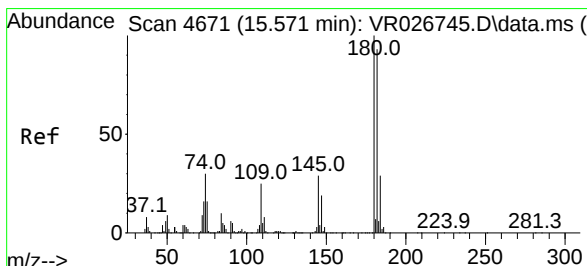
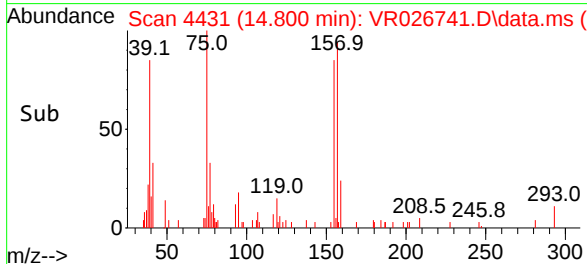
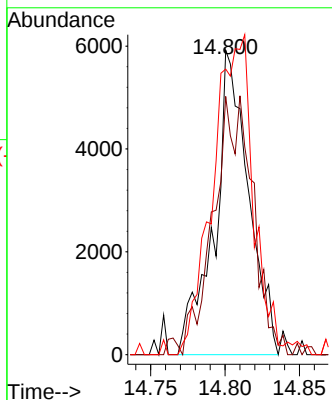
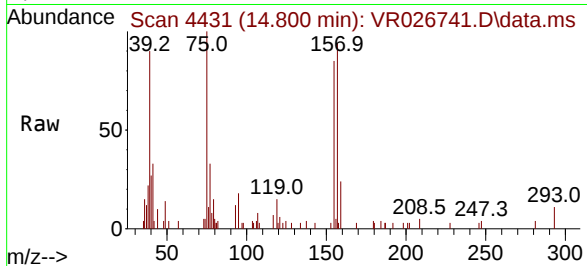




#91
 1,2-Dibromo-3-Chloropropane
 Concen: 2.412 ug/l
 RT: 14.800 min Scan# 4432
 Delta R.T. -0.004 min
 Lab File: VR026741.D
 Acq: 20 Aug 2025 14:49

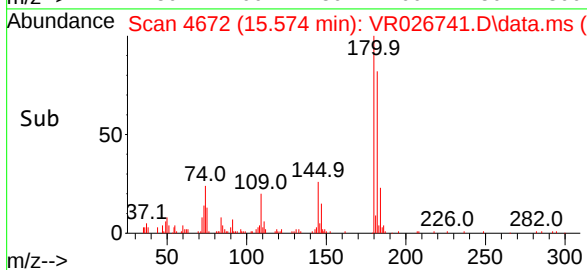
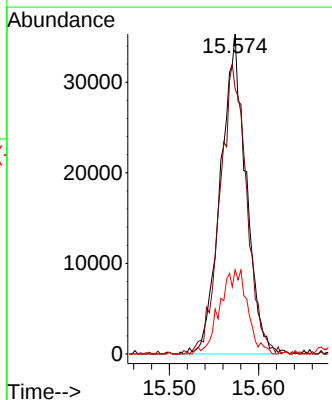
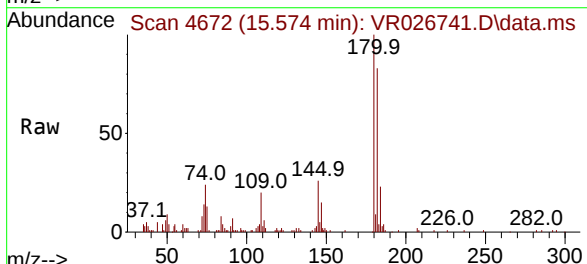
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC005

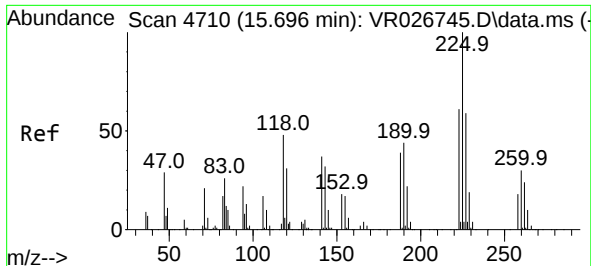
Tgt Ion: 75 Resp: 9476
 Ion Ratio Lower Upper
 75 100
 155 55.8 48.4 145.3
 157 123.1 62.3 186.8



#92
 1,2,4-Trichlorobenzene
 Concen: 4.691 ug/l
 RT: 15.574 min Scan# 4672
 Delta R.T. 0.003 min
 Lab File: VR026741.D
 Acq: 20 Aug 2025 14:49

Tgt Ion: 180 Resp: 69770
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.1 141.4
 145 12.8 14.4 43.4#

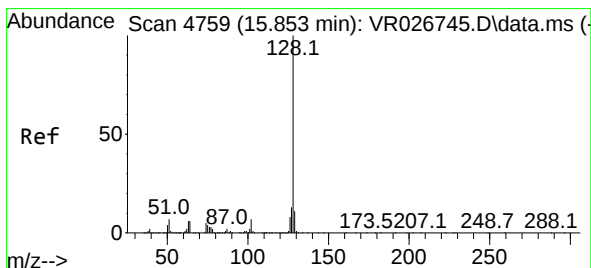
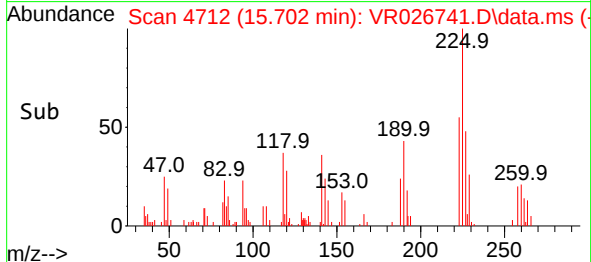
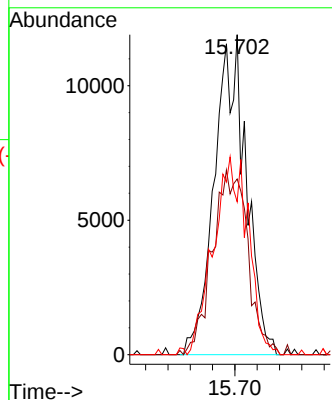
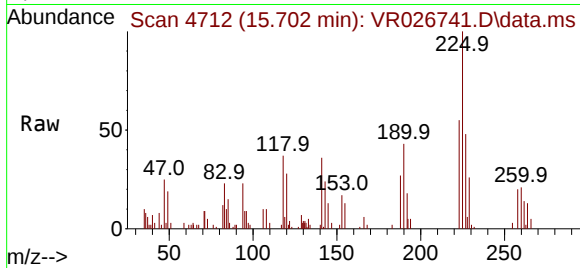




#93
Hexachlorobutadiene
Concen: 4.773 ug/l
RT: 15.702 min Scan# 4710
Delta R.T. 0.006 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

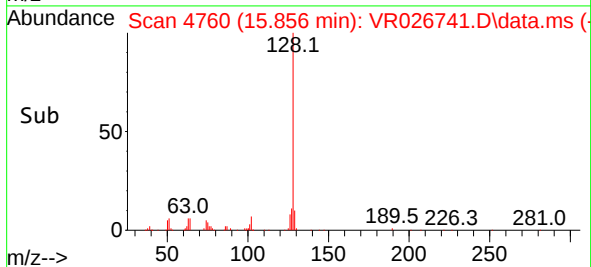
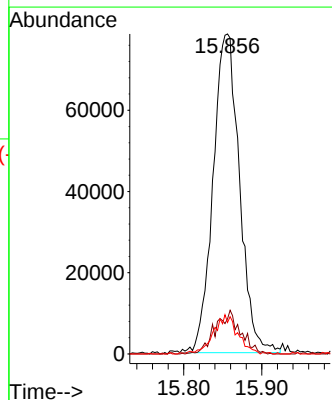
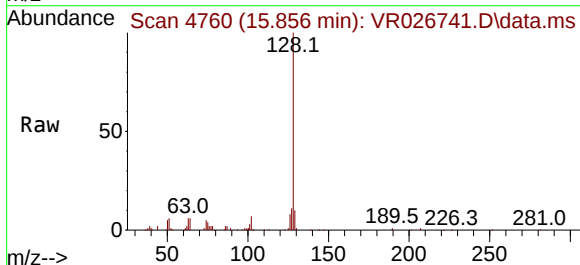
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

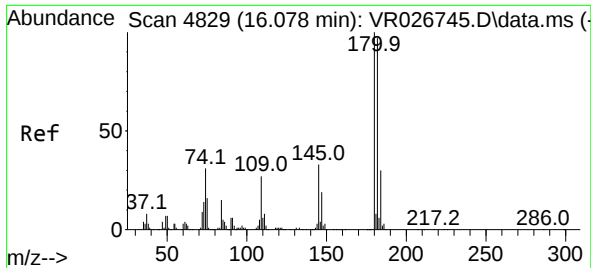
Tgt Ion:	225	Resp:	23398
Ion Ratio	Lower	Upper	
225	100		
223	64.3	31.5	94.5
227	67.8	31.3	93.8



#94
Naphthalene
Concen: 4.347 ug/l
RT: 15.856 min Scan# 4760
Delta R.T. 0.003 min
Lab File: VR026741.D
Acq: 20 Aug 2025 14:49

Tgt Ion:	128	Resp:	184837
Ion Ratio	Lower	Upper	
128	100		
127	7.1	10.0	15.0#
129	11.3	8.7	13.1





#95

1,2,3-Trichlorobenzene

Concen: 4.743 ug/l

RT: 16.074 min Scan# 41

Delta R.T. -0.003 min

Lab File: VR026741.D

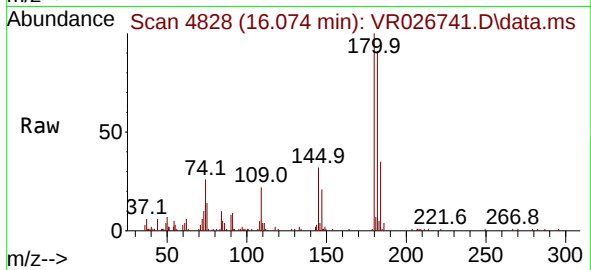
Acq: 20 Aug 2025 14:49

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC005



Tgt Ion:	180	Resp:	68441
Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.5	142.6
145	30.1	15.6	46.8

