

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082025\
 Data File : VR026743.D
 Acq On : 20 Aug 2025 15:50
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 21 08:38:42 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	7.388	168	2108126	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.389	114	3496474	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.563	117	2804980	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.761	152	902064	50.000	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.770	65	496964	18.772	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	37.540%#
34) Dibromofluoromethane	7.295	113	418570	18.355	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	36.700%#
49) Toluene-d8	10.074	98	1599925	20.928	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	41.860%#
61) 4-Bromofluorobenzene	12.689	95	411642	18.977	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	37.960%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.814	85	417100	20.938	ug/l	100
3) Chloromethane	1.814	50	49834	21.025	ug/l #	96
4) Vinyl Chloride	2.119	62	705405	21.520	ug/l	98
5) Bromomethane	2.446	94	293035	29.118	ug/l	94
6) Chloroethane	2.581	64	433691	21.793	ug/l	93
7) Trichlorofluoromethane	2.870	101	1381436	21.741	ug/l	97
8) Diethyl Ether	3.232	74	406271	19.987	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.547	101	501600	19.755	ug/l	100
10) Methyl Iodide	3.710	142	543519	20.141	ug/l #	96
11) Tert butyl alcohol	4.490	59	413441	101.585	ug/l #	97
12) 1,1-Dichloroethene	3.521	96	552509	20.052	ug/l	94
13) Acrolein	3.409	56	247488	96.566	ug/l	98
14) Allyl chloride	4.051	41	1047338	20.626	ug/l	99
15) Acrylonitrile	4.657	53	1803774	103.627	ug/l	98
16) Acetone	3.608	43	1394176	99.488	ug/l	99
17) Carbon Disulfide	3.803	76	1401885	20.949	ug/l	99
18) Methyl Acetate	4.060	43	831220	20.361	ug/l	98
19) Methyl tert-butyl Ether	4.715	73	1789468	20.476	ug/l	99
20) Methylene Chloride	4.246	84	598095	20.005	ug/l	98
21) trans-1,2-Dichloroethene	4.696	96	584374	20.284	ug/l	97
22) Diisopropyl ether	5.616	45	2216673	21.219	ug/l	97
23) Vinyl Acetate	5.543	43	8473350	108.017	ug/l #	76
24) 1,1-Dichloroethane	5.485	63	1033462	20.103	ug/l	99
25) 2-Butanone	6.499	43	2312022	106.261	ug/l	93
26) 2,2-Dichloropropane	6.480	77	692438	19.662	ug/l	98
27) cis-1,2-Dichloroethene	6.473	96	655597	20.107	ug/l	99
28) Bromochloromethane	6.862	49	298612	19.627	ug/l	99
29) Chloroform	7.057	83	934605	20.235	ug/l	98
30) Cyclohexane	7.372	56	1095303	20.204	ug/l	98
31) 1,1,1-Trichloroethane	7.272	97	736788	19.645	ug/l	98
35) 1,1-Dichloropropene	7.519	75	692323	19.495	ug/l	99
36) Ethyl Acetate	6.598	43	882174	19.381	ug/l #	94
37) Carbon Tetrachloride	7.500	117	598463	18.727	ug/l	99
38) Methylcyclohexane	8.941	83	884546	19.904	ug/l	95
39) Benzene	7.789	78	2349291	21.548	ug/l #	89
40) Methacrylonitrile	6.839	41	437913	18.480	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.876	62	589291	19.494	ug/l	100
42) Isopropyl Acetate	7.943	43	1328385	20.624	ug/l	97
43) Trichloroethene	8.662	130	462714	19.454	ug/l	95
44) 1,2-Dichloropropane	8.976	63	506721	19.414	ug/l	98
45) Dibromomethane	9.072	93	320536	19.332	ug/l	99
46) Bromodichloromethane	9.294	83	606935	19.666	ug/l	97
47) Methyl methacrylate	9.079	41	618092	19.661	ug/l	99
48) 1,4-Dioxane	9.079	88	173248	428.981	ug/l	96
50) 4-Methyl-2-Pentanone	9.958	43	3886534	107.891	ug/l #	76
51) Toluene	10.144	92	1299860	20.879	ug/l	84
52) t-1,3-Dichloropropene	10.401	75	576022	19.706	ug/l	95
53) cis-1,3-Dichloropropene	9.788	75	711746	20.070	ug/l	99
54) 1,1,2-Trichloroethane	10.603	97	437198	19.785	ug/l	98
55) Ethyl methacrylate	10.462	69	767334	20.188	ug/l	98
56) 1,3-Dichloropropane	10.767	76	753182	20.222	ug/l	100
57) 2-Chloroethyl Vinyl ether	9.634	63	171189	95.978	ug/l	99
58) 2-Hexanone	10.825	43	2536312	116.531	ug/l	84
59) Dibromochloromethane	10.985	129	414836	19.958	ug/l	100
60) 1,2-Dibromoethane	11.101	107	397044	19.881	ug/l	99
63) Tetrachloroethene	10.683	164	382250	19.395	ug/l	96
64) Chlorobenzene	11.591	112	1289932	20.665	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.678	131	396777	18.932	ug/l	99
66) Ethyl Benzene	11.681	91	2329927	22.325	ug/l #	75
67) m/p-Xylenes	11.810	106	1823451	41.754	ug/l #	72
68) o-Xylene	12.179	106	879897	19.884	ug/l	92
69) Styrene	12.198	104	1340230	20.582	ug/l	92
70) Bromoform	12.378	173	231208	20.460	ug/l #	99
72) Isopropylbenzene	12.522	105	2124097	21.693	ug/l	91
73) N-amyl acetate	12.320	43	680082	19.238	ug/l	99
74) 1,1,2,2-Tetrachloroethane	12.804	83	561206	20.022	ug/l	100
75) 1,2,3-Trichloropropane	12.862	75	617308	30.405	ug/l #	100
76) Bromobenzene	12.833	156	408873	19.077	ug/l	92
77) n-propylbenzene	12.910	91	2290153	21.816	ug/l	91
78) 2-Chlorotoluene	13.003	91	1242581	20.043	ug/l	100
79) 1,3,5-Trimethylbenzene	13.071	105	1513432	20.698	ug/l	96
80) trans-1,4-Dichloro-2-b...	12.577	75	135123	18.783	ug/l	95
81) 4-Chlorotoluene	13.112	91	1126437	19.830	ug/l	99
82) tert-Butylbenzene	13.366	119	1424102	20.832	ug/l	91
83) 1,2,4-Trimethylbenzene	13.414	105	1394023	20.908	ug/l	97
84) sec-Butylbenzene	13.568	105	1896269	21.566	ug/l	97
85) p-Isopropyltoluene	13.697	119	1433545	20.981	ug/l	95
86) 1,3-Dichlorobenzene	13.690	146	616714	19.375	ug/l	98
87) 1,4-Dichlorobenzene	13.780	146	615832	20.082	ug/l	100
88) n-Butylbenzene	14.066	91	976406	20.000	ug/l	98
89) Hexachloroethane	14.367	117	229168	20.678	ug/l	97
90) 1,2-Dichlorobenzene	14.110	146	514744	19.256	ug/l	99
91) 1,2-Dibromo-3-Chloropr...	14.807	75	50564	21.681	ug/l	91
92) 1,2,4-Trichlorobenzene	15.570	180	337231	19.201	ug/l	100
93) Hexachlorobutadiene	15.699	225	109088	18.844	ug/l	98
94) Naphthalene	15.853	128	977175	19.458	ug/l	100
95) 1,2,3-Trichlorobenzene	16.081	180	328549	19.279	ug/l	99

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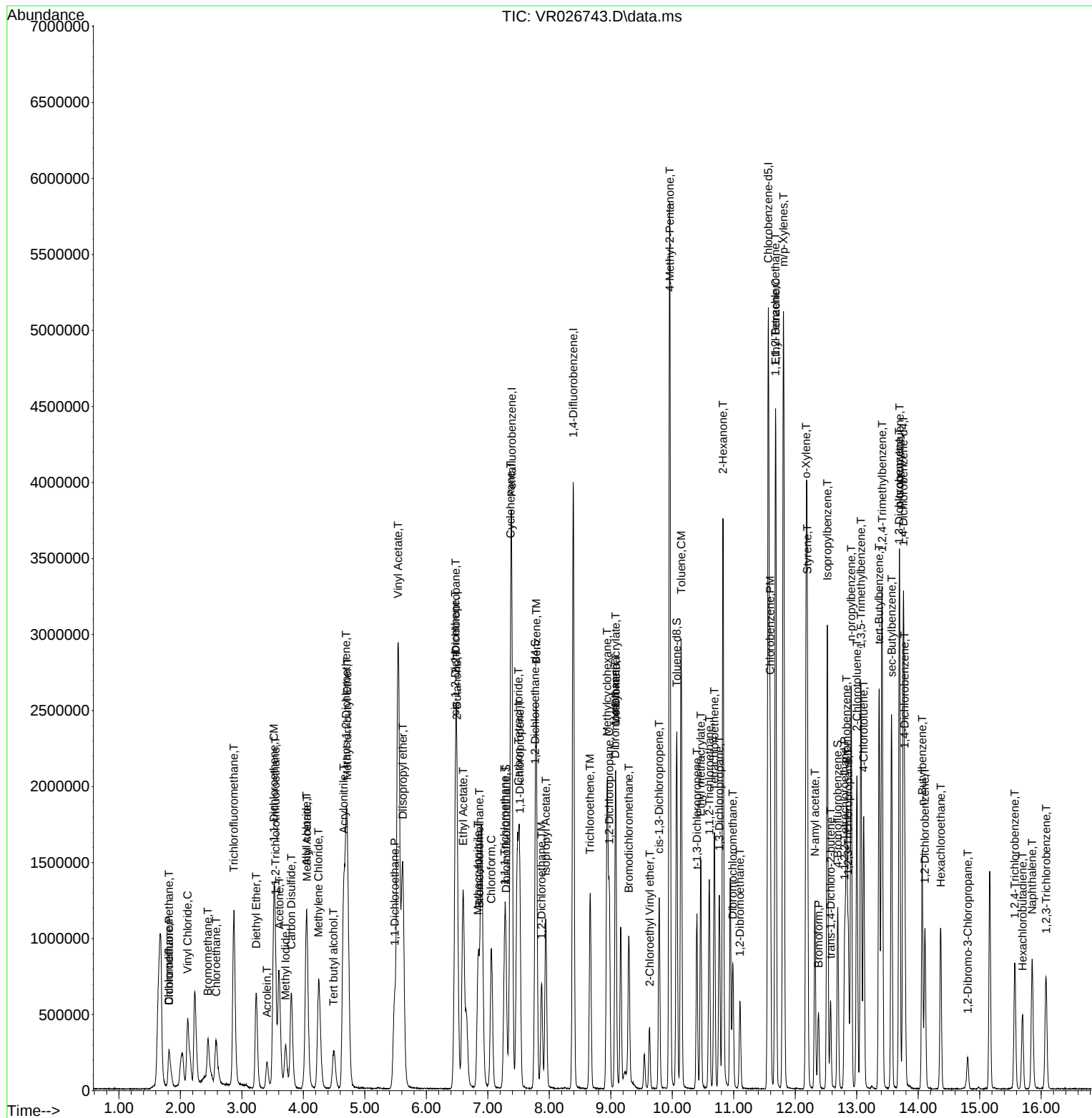
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

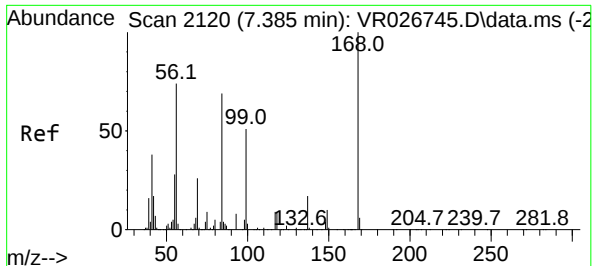
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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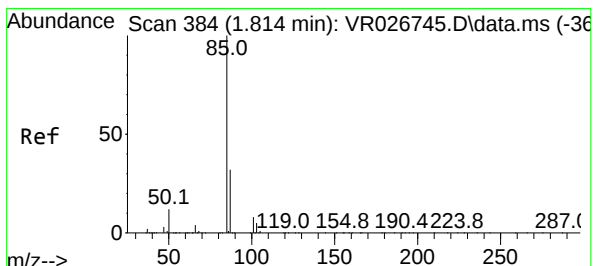
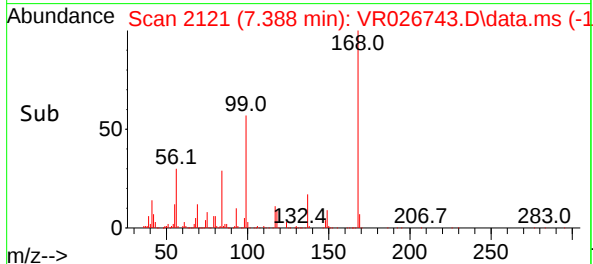
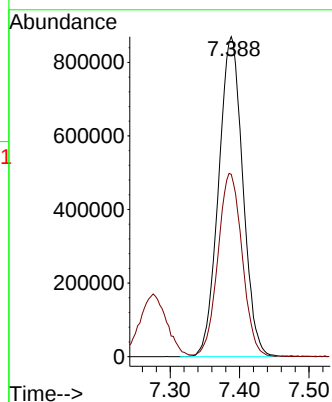
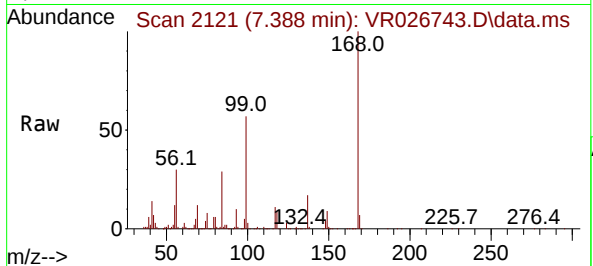




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.388 min Scan# 2120
Delta R.T. 0.003 min
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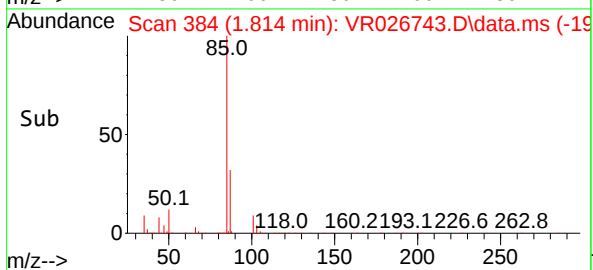
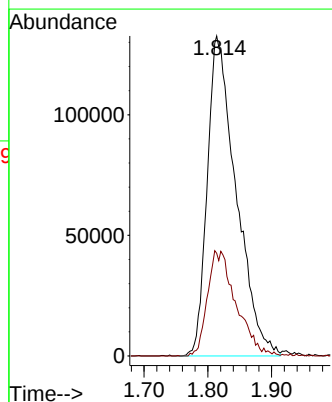
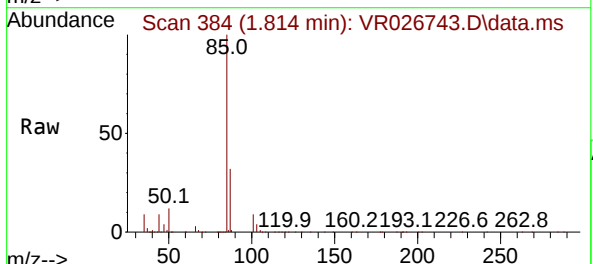
Instrument :
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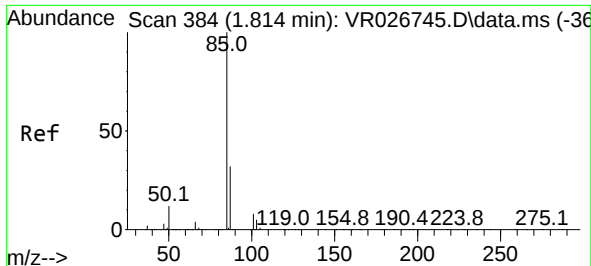
Tgt Ion:168 Resp: 2108126
Ion Ratio Lower Upper
168 100
99 56.9 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 20.938 ug/l
RT: 1.814 min Scan# 384
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion: 85 Resp: 417100
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2

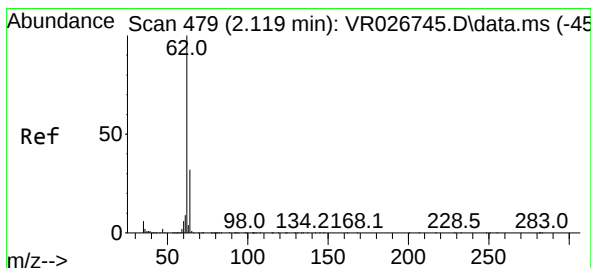
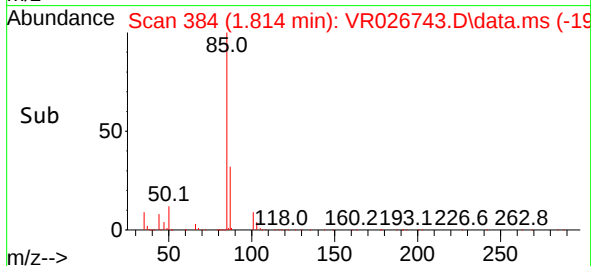
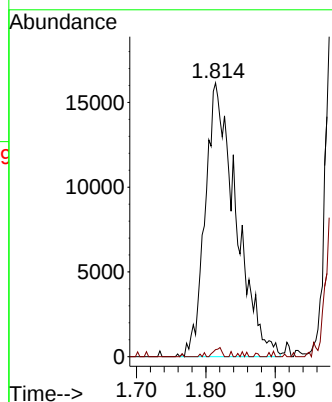
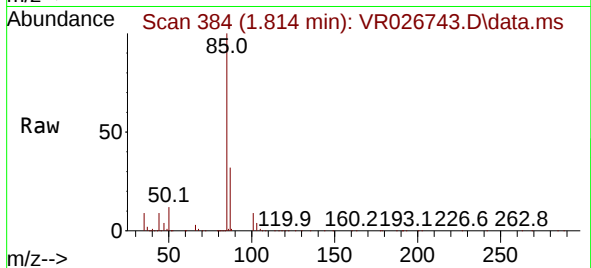




#3
Chloromethane
Concen: 21.025 ug/l
RT: 1.814 min Scan# 384
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

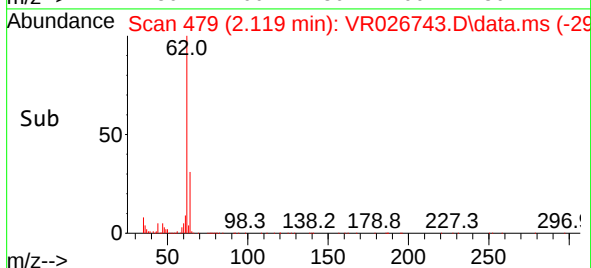
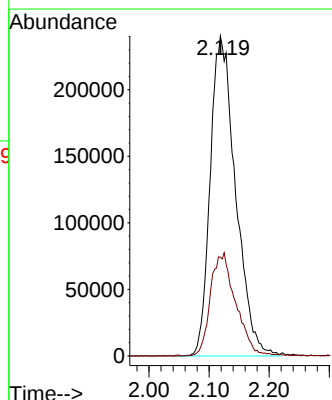
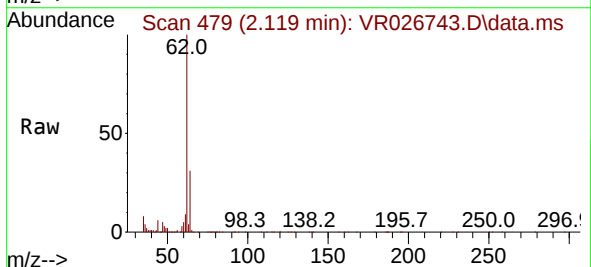
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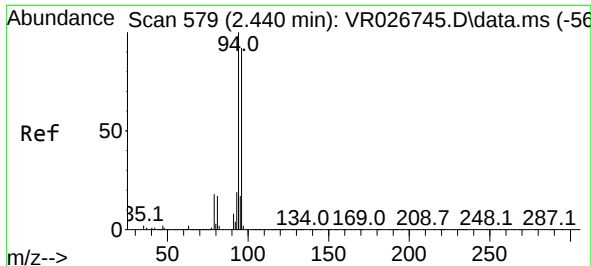
Tgt Ion: 50 Resp: 49834
Ion Ratio Lower Upper
50 100
52 2.6 0.6 1.0#



#4
Vinyl Chloride
Concen: 21.520 ug/l
RT: 2.119 min Scan# 479
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion: 62 Resp: 705405
Ion Ratio Lower Upper
62 100
64 30.7 25.5 38.3

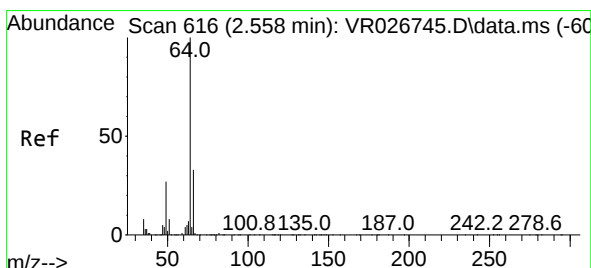
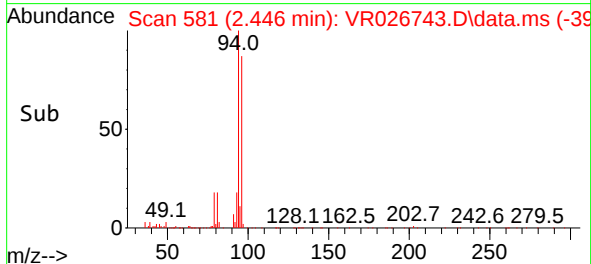
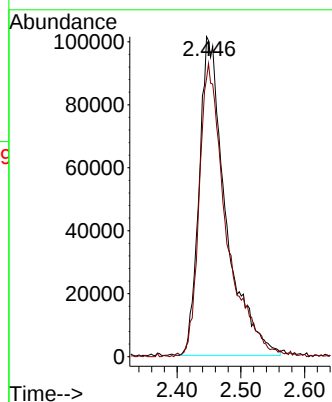
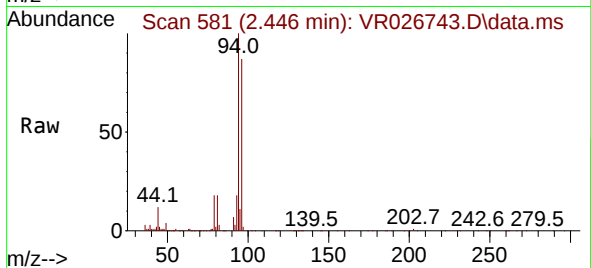




#5
Bromomethane
Concen: 29.118 ug/l
RT: 2.446 min Scan# 51
Delta R.T. 0.006 min
Lab File: VR026743.D
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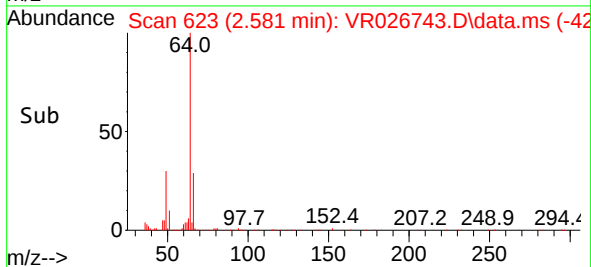
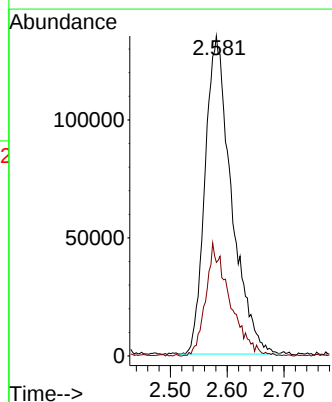
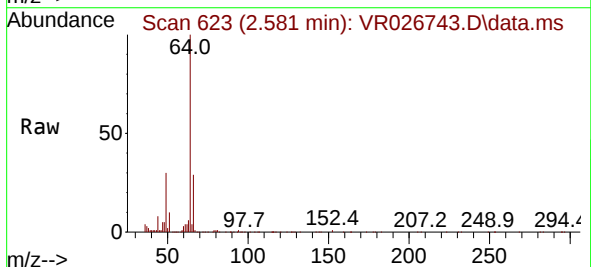
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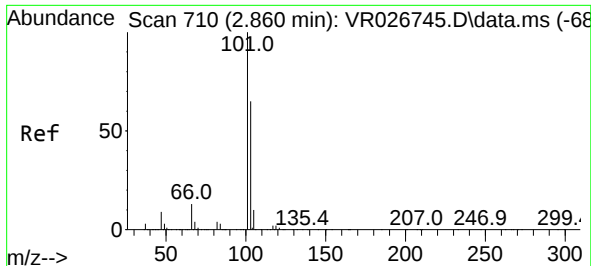
Tgt Ion: 94 Resp: 293035
Ion Ratio Lower Upper
94 100
96 86.8 73.8 110.6



#6
Chloroethane
Concen: 21.793 ug/l
RT: 2.581 min Scan# 623
Delta R.T. 0.023 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion: 64 Resp: 433691
Ion Ratio Lower Upper
64 100
66 29.4 26.6 40.0

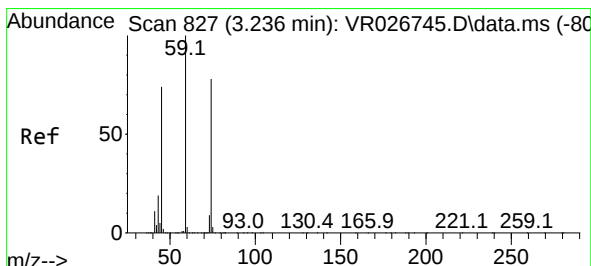
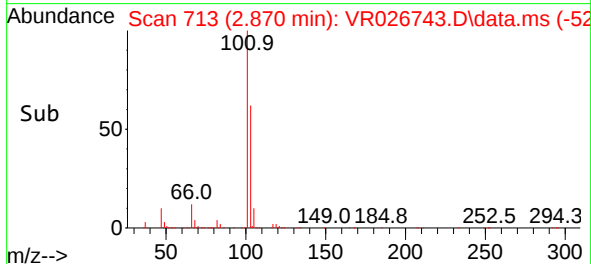
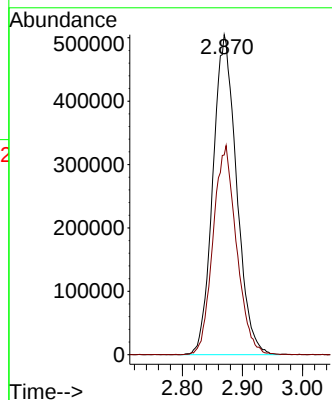
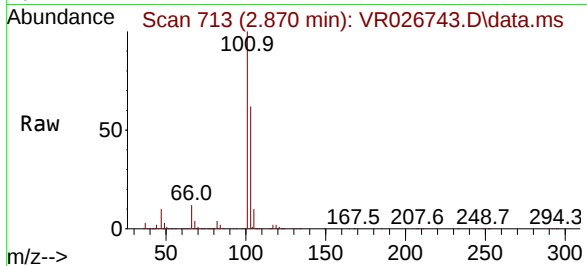




#7
 Trichlorofluoromethane
 Concen: 21.741 ug/l
 RT: 2.870 min Scan# 710
 Delta R.T. 0.010 min
 Lab File: VR026743.D
 Acq: 20 Aug 2025 15:50

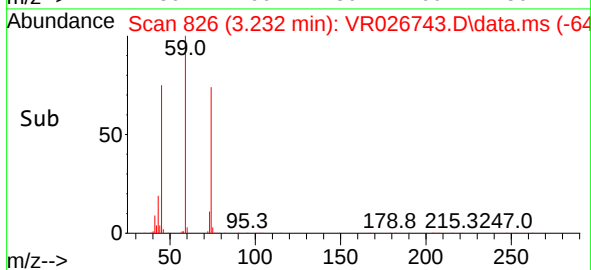
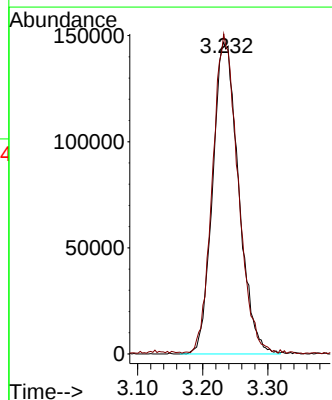
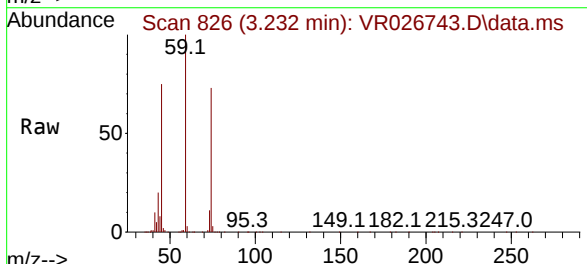
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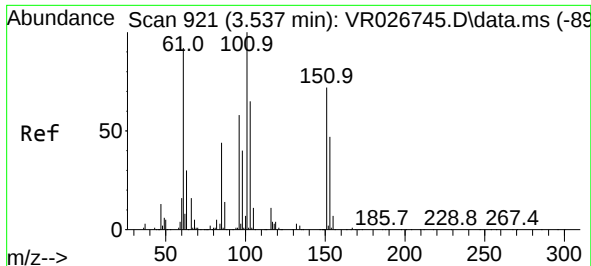
Tgt Ion:101 Resp: 1381436
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.8 77.8



#8
 Diethyl Ether
 Concen: 19.987 ug/l
 RT: 3.232 min Scan# 826
 Delta R.T. -0.003 min
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Tgt Ion: 74 Resp: 406271
 Ion Ratio Lower Upper
 74 100
 45 100.8 47.5 142.6

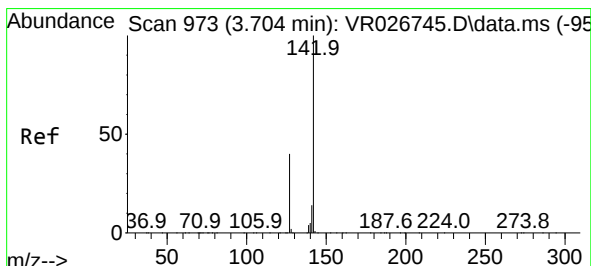
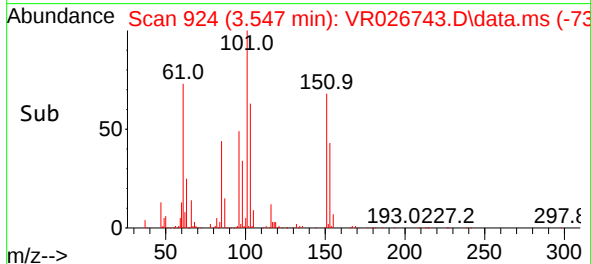
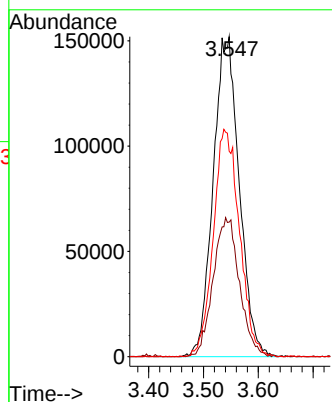
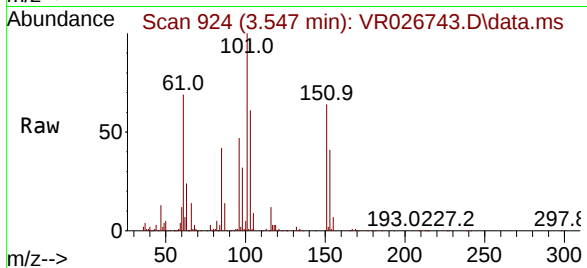




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.755 ug/l
RT: 3.547 min Scan# 911
Delta R.T. 0.010 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

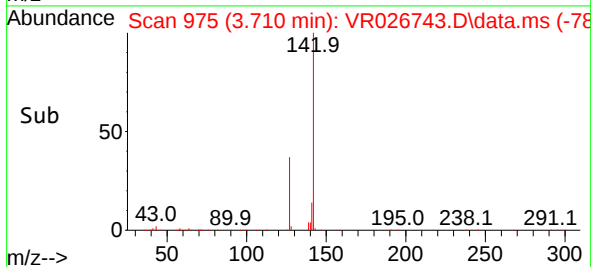
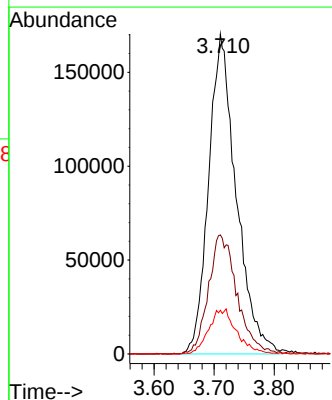
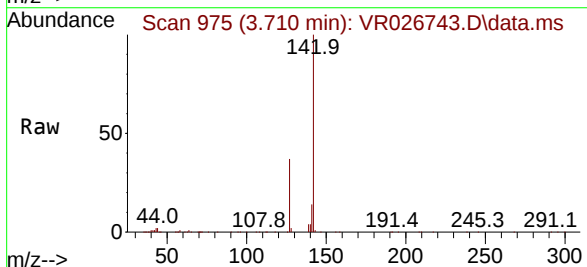
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020

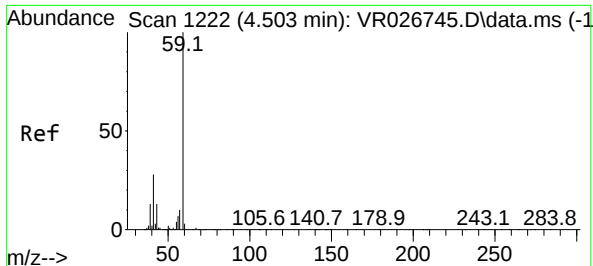
Tgt Ion:101 Resp: 501600
Ion Ratio Lower Upper
101 100
85 43.8 35.4 53.0
151 71.4 57.2 85.8



#10
Methyl Iodide
Concen: 20.141 ug/l
RT: 3.710 min Scan# 975
Delta R.T. 0.006 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion:142 Resp: 543519
Ion Ratio Lower Upper
142 100
127 38.5 31.0 46.4
141 7.2 10.9 16.3#





#11

Tert butyl alcohol

Concen: 101.585 ug/l

RT: 4.490 min Scan# 11

Delta R.T. -0.013 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

Instrument :

MSVOA_R

ClientSampleId :

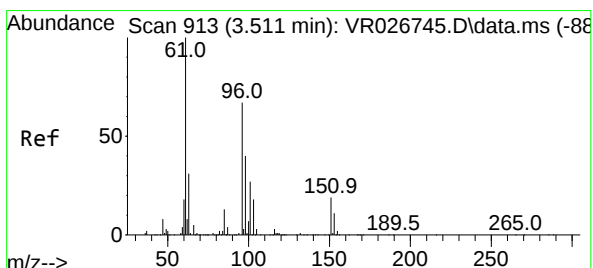
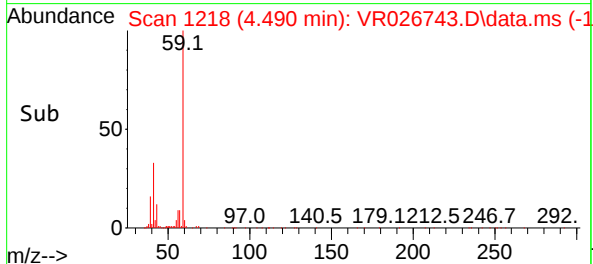
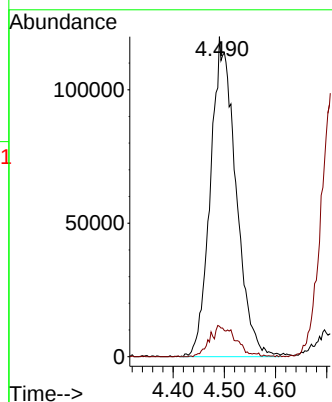
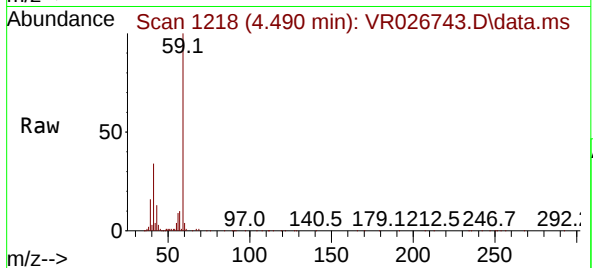
VSTDICC020

Tgt Ion: 59 Resp: 413441

Ion Ratio Lower Upper

59 100

57 5.8 3.8 5.8#



#12

1,1-Dichloroethene

Concen: 20.052 ug/l

RT: 3.521 min Scan# 916

Delta R.T. 0.010 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

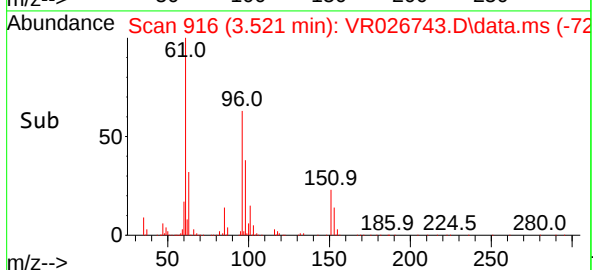
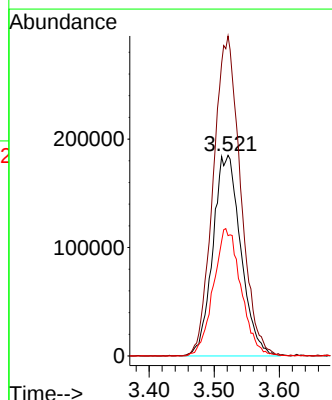
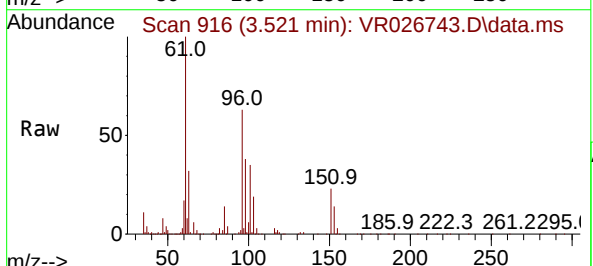
Tgt Ion: 96 Resp: 552509

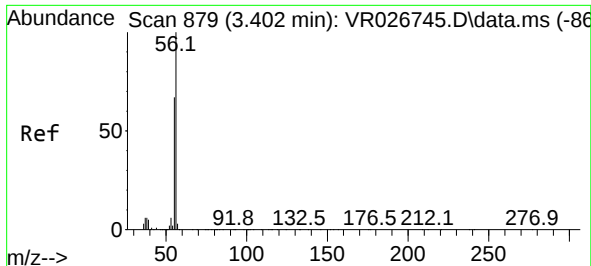
Ion Ratio Lower Upper

96 100

61 159.2 118.7 178.1

98 60.0 47.7 71.5

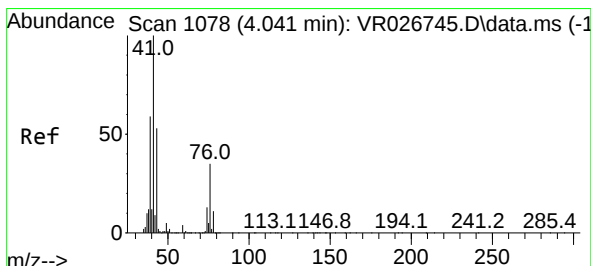
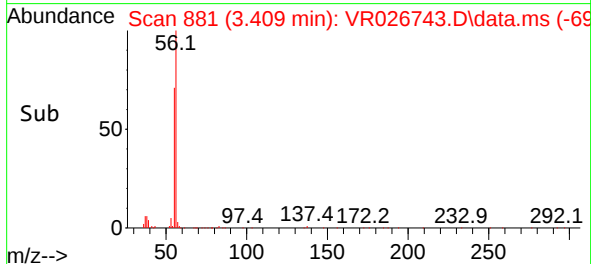
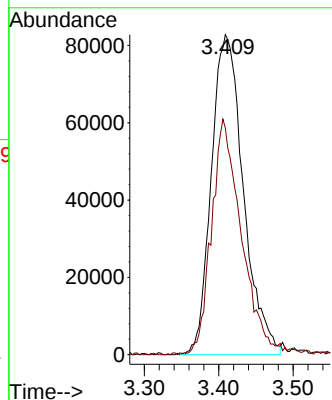
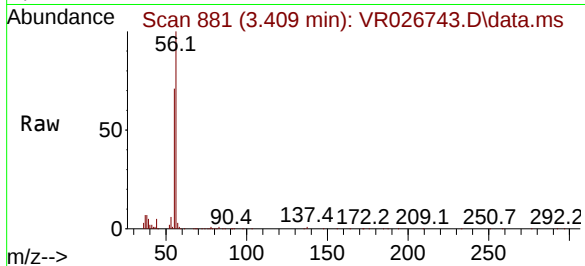




#13
Acrolein
Concen: 96.566 ug/l
RT: 3.409 min Scan# 81
Delta R.T. 0.007 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

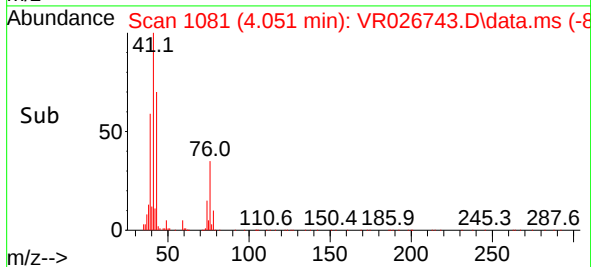
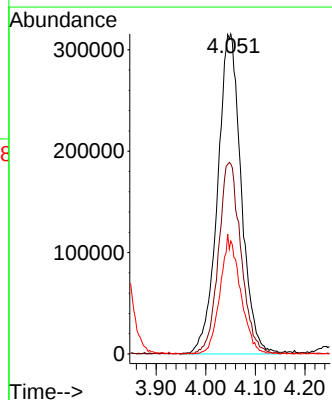
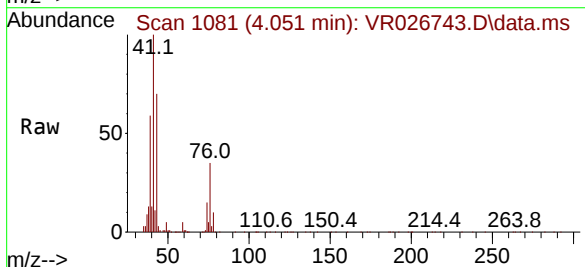
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020

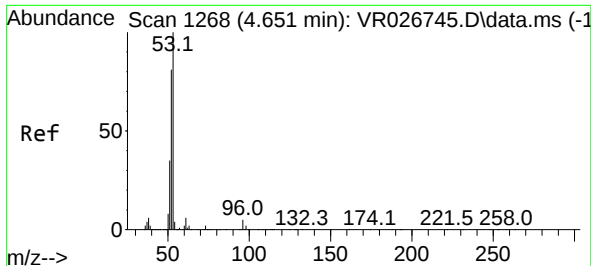
Tgt Ion: 56 Resp: 247488
Ion Ratio Lower Upper
56 100
55 69.3 56.9 85.3



#14
Allyl chloride
Concen: 20.626 ug/l
RT: 4.051 min Scan# 1081
Delta R.T. 0.010 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion: 41 Resp: 1047338
Ion Ratio Lower Upper
41 100
39 56.4 45.8 68.6
76 31.9 26.4 39.6

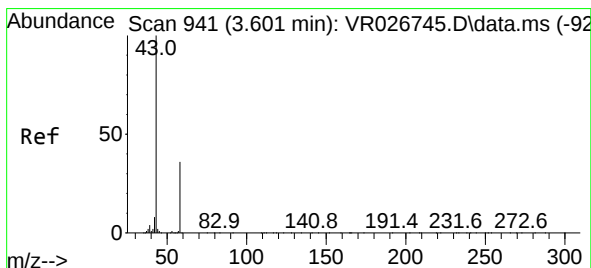
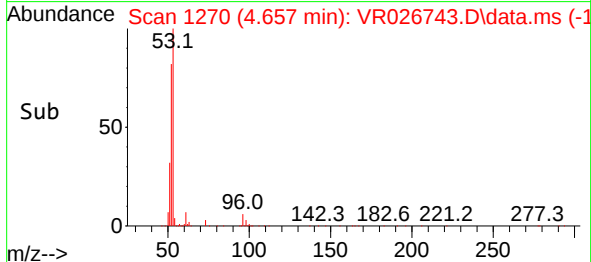
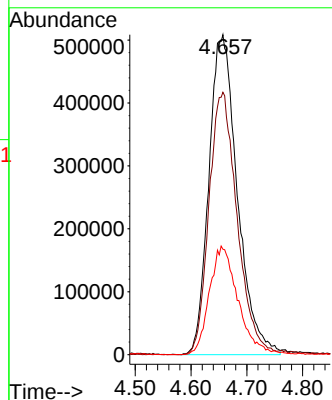
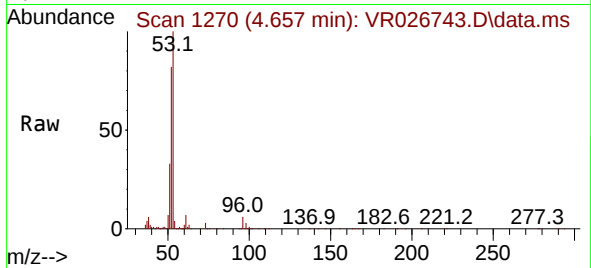




#15
Acrylonitrile
Concen: 103.627 ug/l
RT: 4.657 min Scan# 11
Delta R.T. 0.006 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

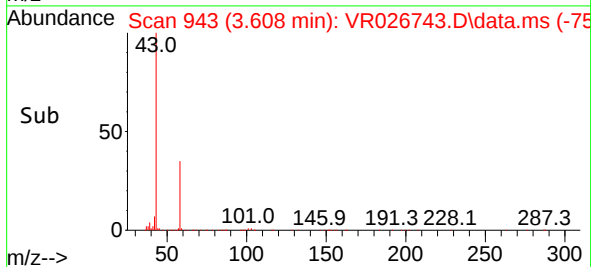
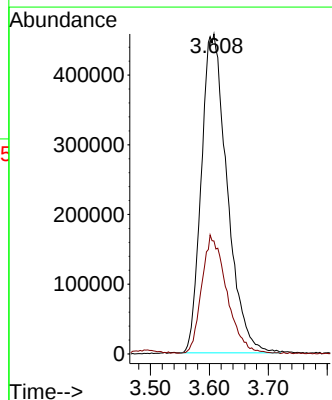
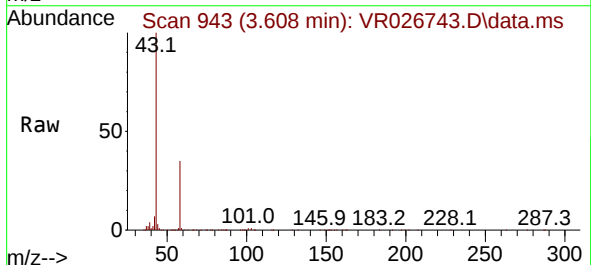
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020

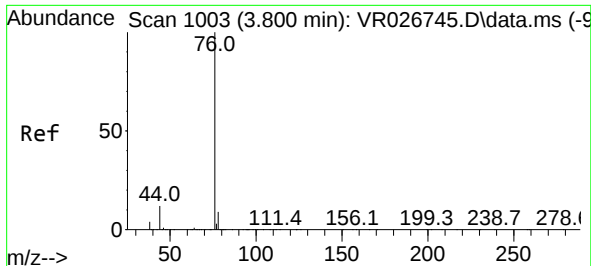
Tgt Ion: 53 Resp: 1803774
Ion Ratio Lower Upper
53 100
52 81.0 65.7 98.5
51 33.9 28.4 42.6



#16
Acetone
Concen: 99.488 ug/l
RT: 3.608 min Scan# 943
Delta R.T. 0.007 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion: 43 Resp: 1394176
Ion Ratio Lower Upper
43 100
58 35.3 28.6 43.0

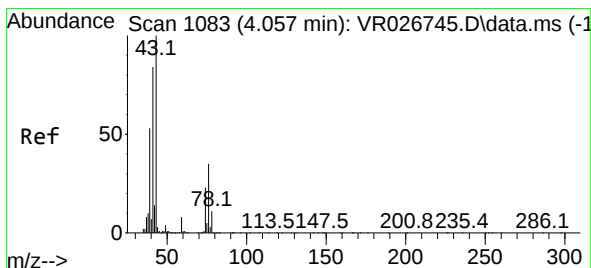
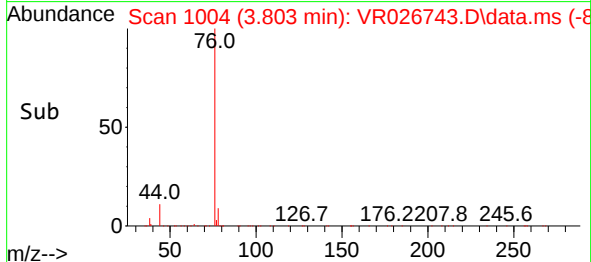
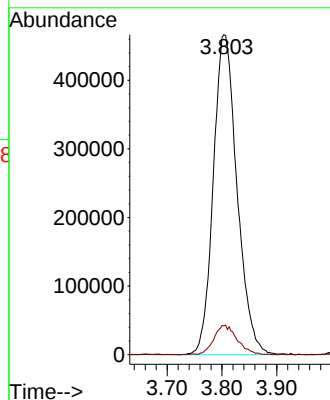
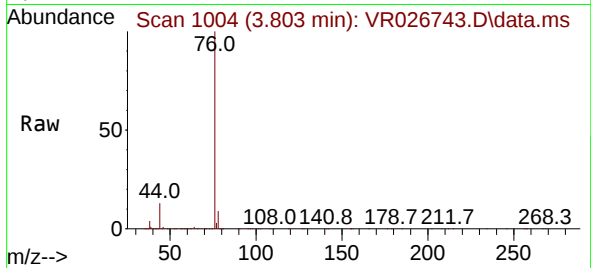




#17
Carbon Disulfide
Concen: 20.949 ug/l
RT: 3.803 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

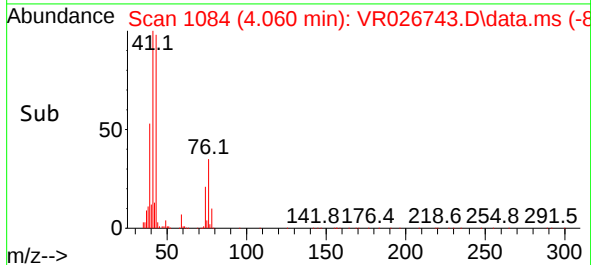
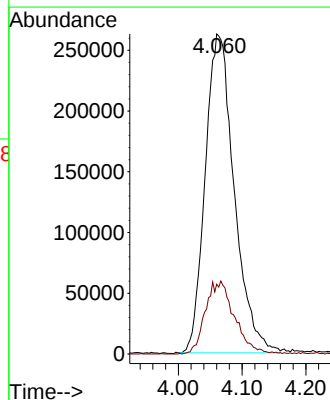
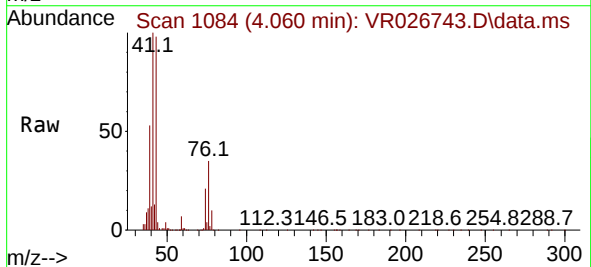
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

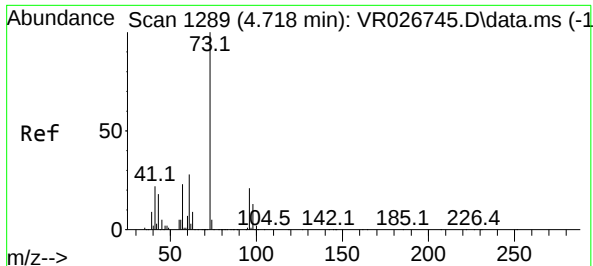
Tgt Ion: 76 Resp: 1401885
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 20.361 ug/l
RT: 4.060 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion: 43 Resp: 831220
Ion Ratio Lower Upper
43 100
74 22.7 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 20.476 ug/l

RT: 4.715 min Scan# 1128

Delta R.T. -0.003 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

Instrument :

MSVOA_R

ClientSampleId :

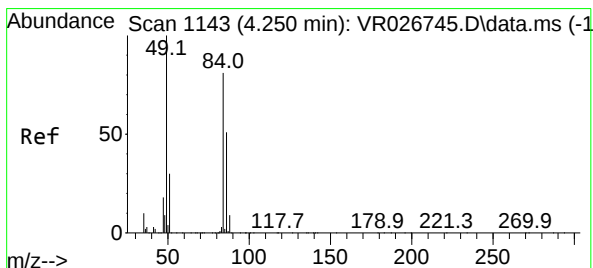
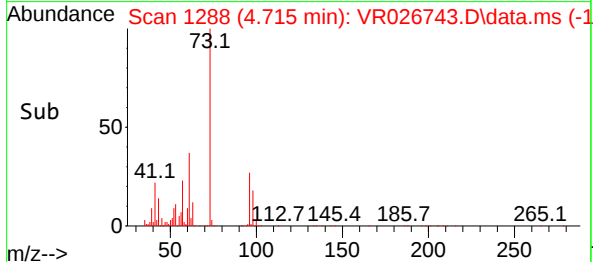
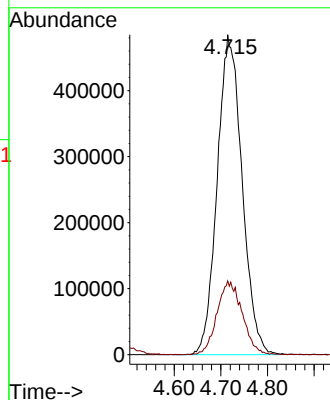
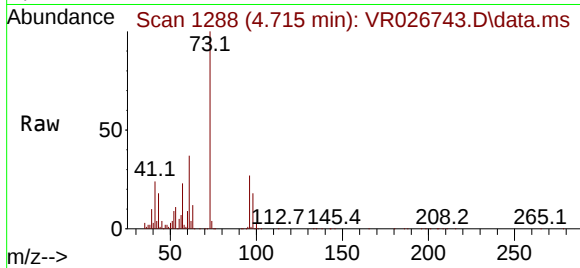
VSTDICC020

Tgt Ion: 73 Resp: 1789468

Ion Ratio Lower Upper

73 100

57 23.0 18.2 27.2



#20

Methylene Chloride

Concen: 20.005 ug/l

RT: 4.246 min Scan# 1142

Delta R.T. -0.003 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

Tgt Ion: 84 Resp: 598095

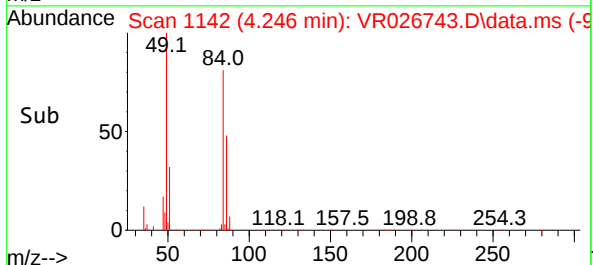
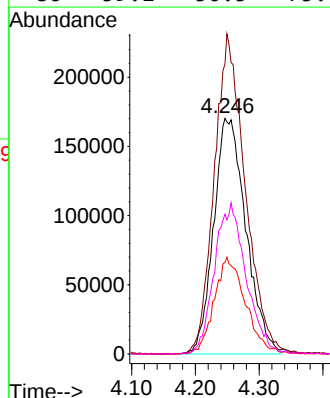
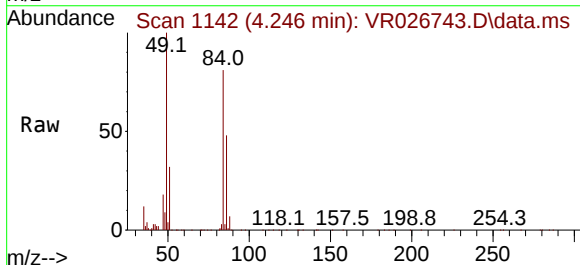
Ion Ratio Lower Upper

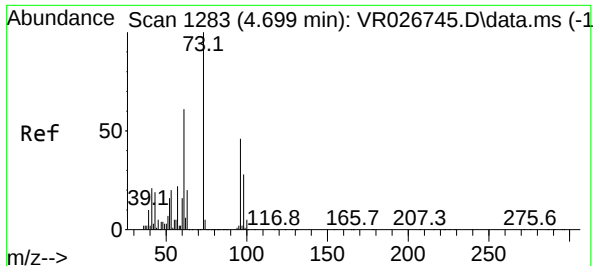
84 100

49 123.0 98.8 148.2

51 38.8 29.4 44.2

86 59.1 50.5 75.7

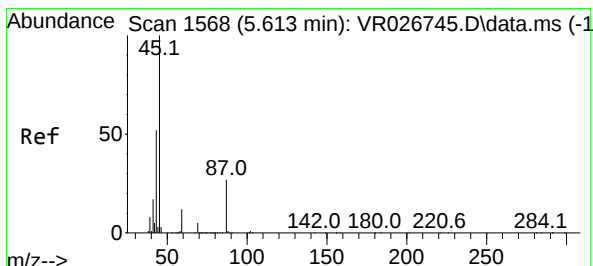
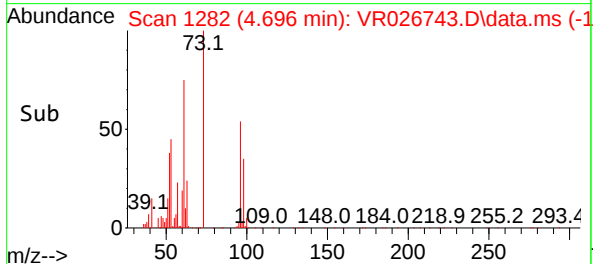
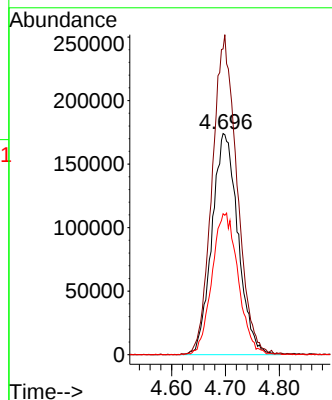
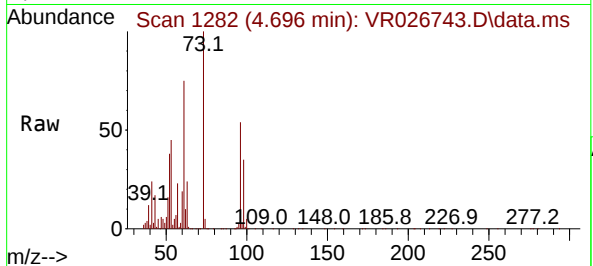




#21
trans-1,2-Dichloroethene
Concen: 20.284 ug/l
RT: 4.696 min Scan# 11
Delta R.T. -0.003 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

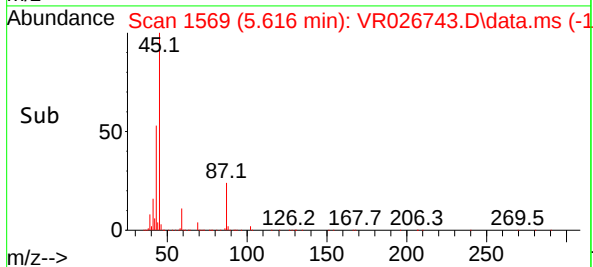
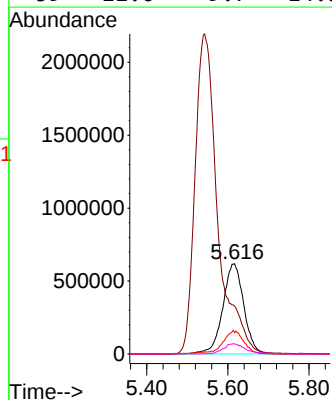
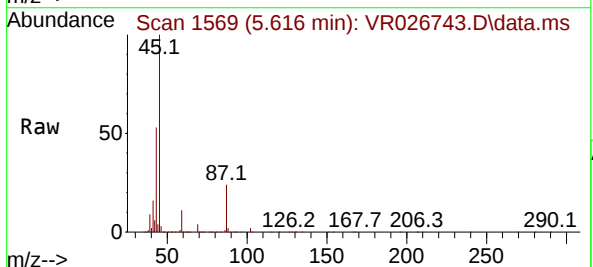
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020

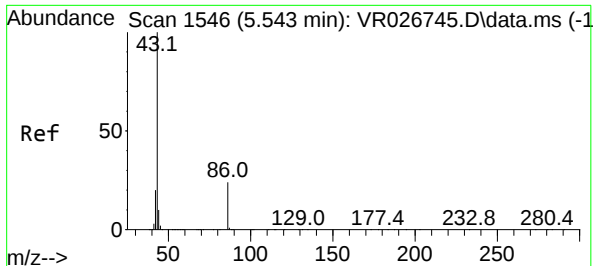
Tgt Ion: 96 Resp: 584374
Ion Ratio Lower Upper
96 100
61 138.2 107.1 160.7
98 63.6 49.7 74.5



#22
Diisopropyl ether
Concen: 21.219 ug/l
RT: 5.616 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion: 45 Resp: 2216673
Ion Ratio Lower Upper
45 100
43 51.9 41.8 62.8
87 23.6 21.7 32.5
59 11.0 9.7 14.5

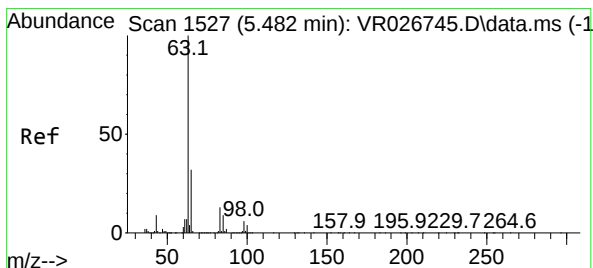
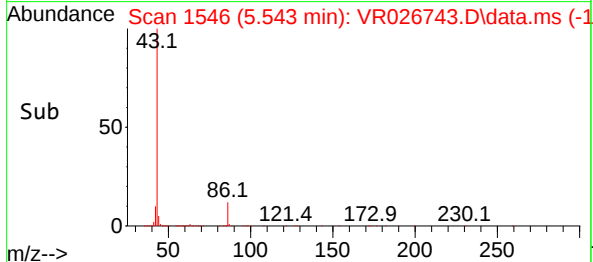
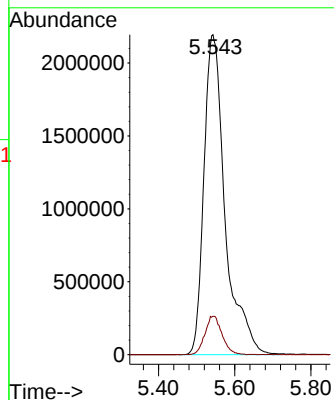
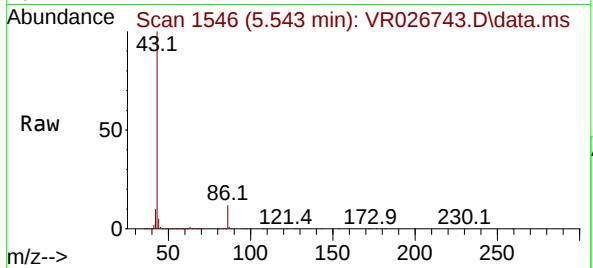




#23
 Vinyl Acetate
 Concen: 108.017 ug/l
 RT: 5.543 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VR026743.D
 Acq: 20 Aug 2025 15:50

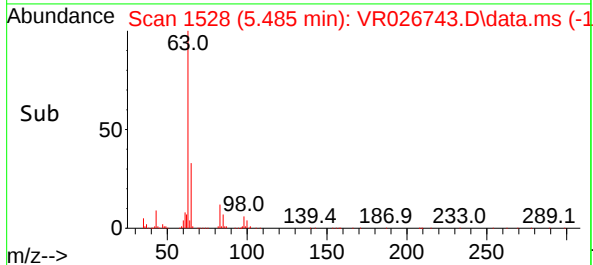
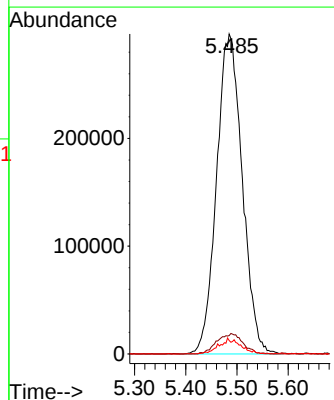
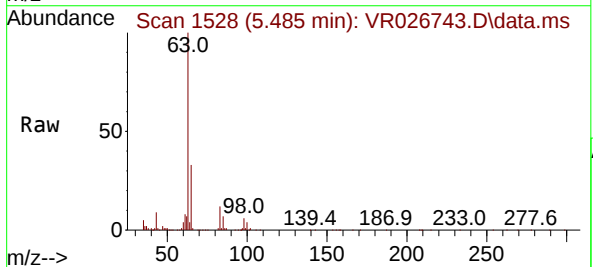
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC020

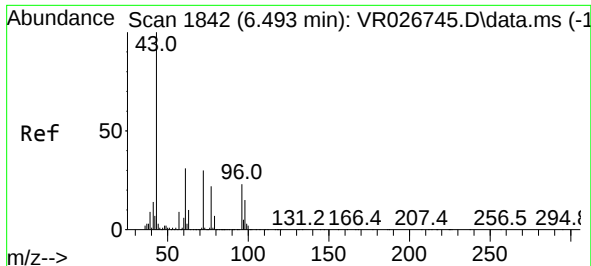
Tgt Ion: 43 Resp: 8473350
 Ion Ratio Lower Upper
 43 100
 86 12.0 18.9 28.3#



#24
 1,1-Dichloroethane
 Concen: 20.103 ug/l
 RT: 5.485 min Scan# 1528
 Delta R.T. 0.003 min
 Lab File: VR026743.D
 Acq: 20 Aug 2025 15:50

Tgt Ion: 63 Resp: 1033462
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.1 9.3
 100 4.2 2.1 6.2





#25

2-Butanone

Concen: 106.261 ug/l

RT: 6.499 min Scan# 1844

Delta R.T. 0.006 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

Instrument :

MSVOA_R

ClientSampleId :

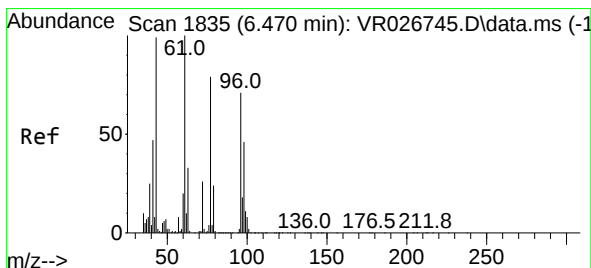
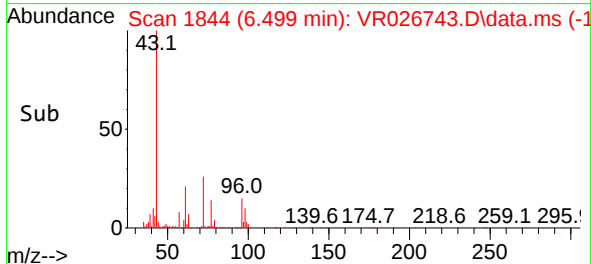
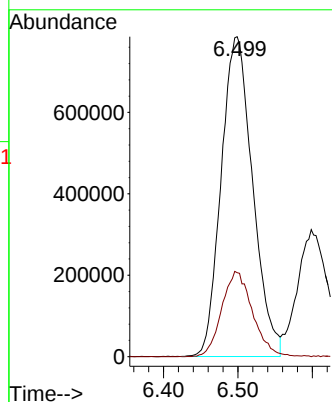
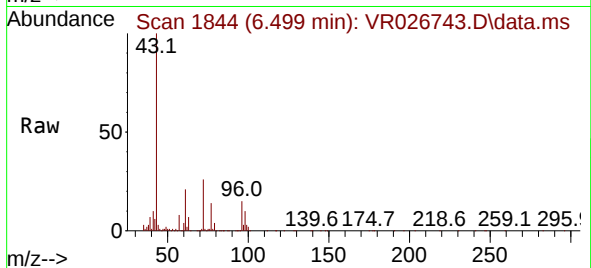
VSTDIC020

Tgt Ion: 43 Resp: 2312022

Ion Ratio Lower Upper

43 100

72 26.2 23.8 35.8



#26

2,2-Dichloropropane

Concen: 19.662 ug/l

RT: 6.480 min Scan# 1838

Delta R.T. 0.010 min

Lab File: VR026743.D

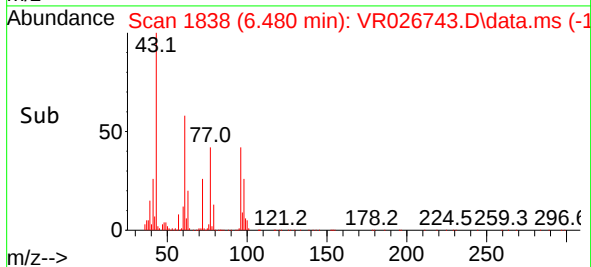
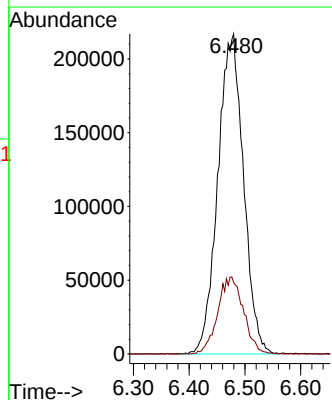
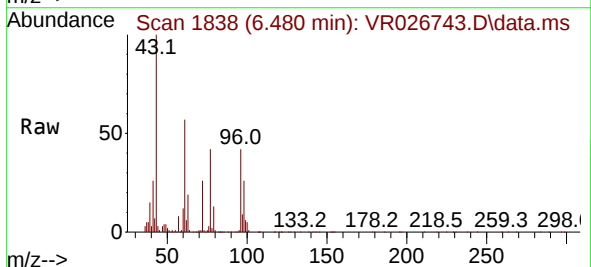
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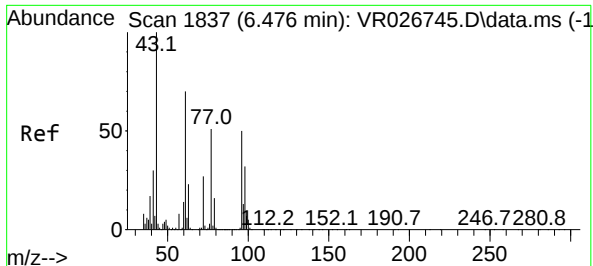
Tgt Ion: 77 Resp: 692438

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.1



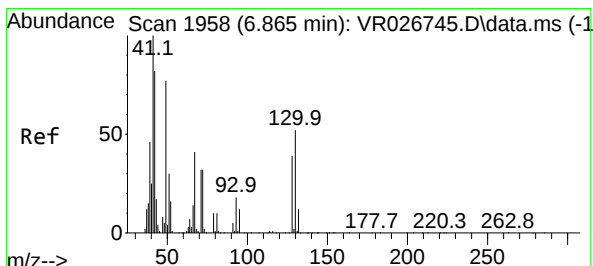
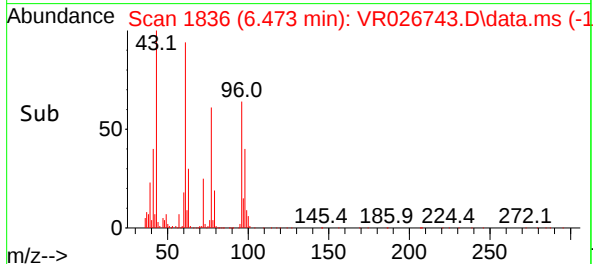
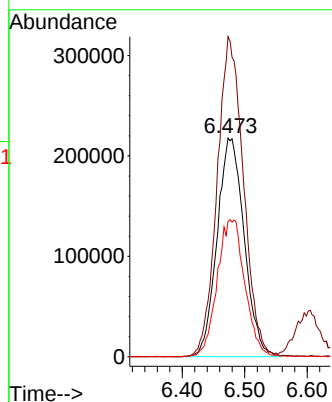
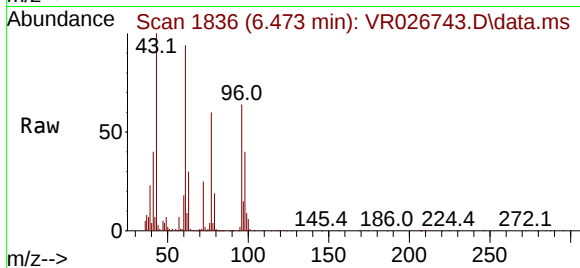


#27
 cis-1,2-Dichloroethene
 Concen: 20.107 ug/l
 RT: 6.473 min Scan# 1836
 Delta R.T. -0.003 min
 Lab File: VR026743.D
 Acq: 20 Aug 2025 15:50

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 655597

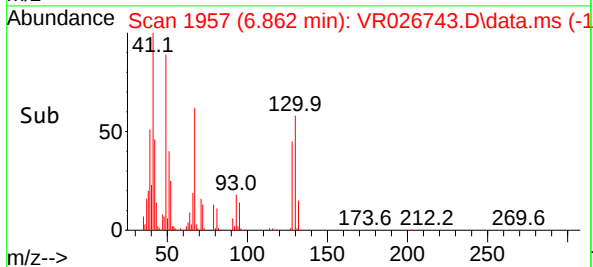
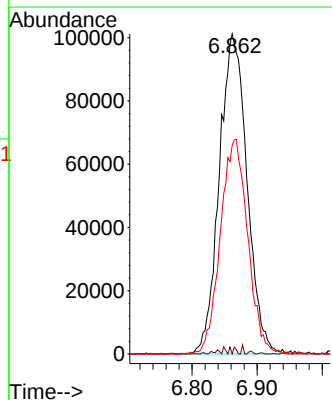
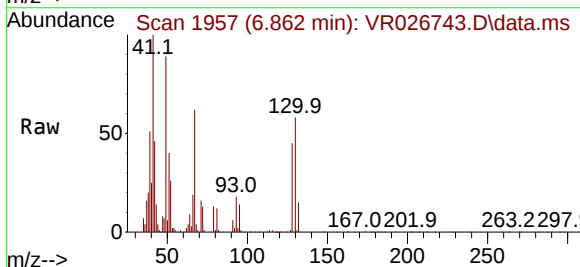
Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	280.6
98	64.1	0.0	127.6

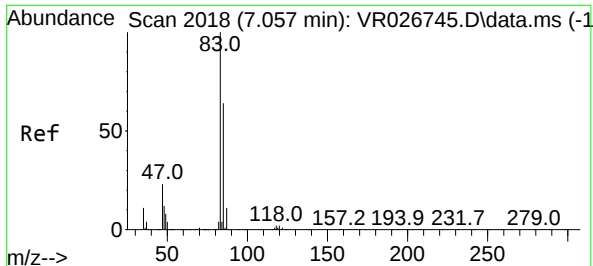


#28
 Bromochloromethane
 Concen: 19.627 ug/l
 RT: 6.862 min Scan# 1957
 Delta R.T. -0.003 min
 Lab File: VR026743.D
 Acq: 20 Aug 2025 15:50

Tgt Ion: 49 Resp: 298612

Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	1.6
130	66.0	53.4	80.2





#29

Chloroform

Concen: 20.235 ug/l

RT: 7.057 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

Instrument :

MSVOA_R

ClientSampleId :

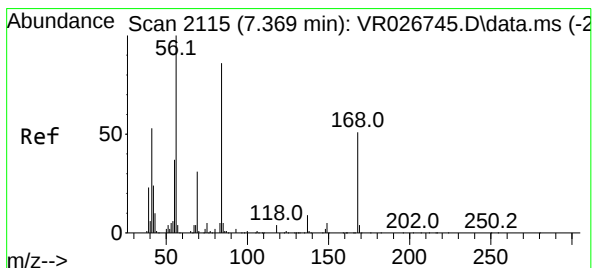
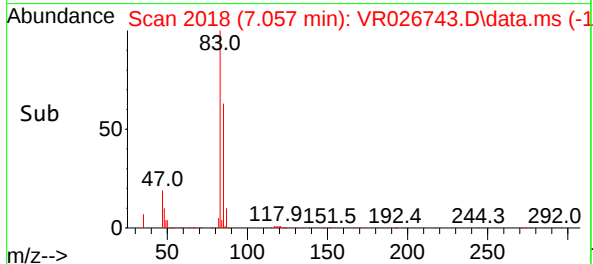
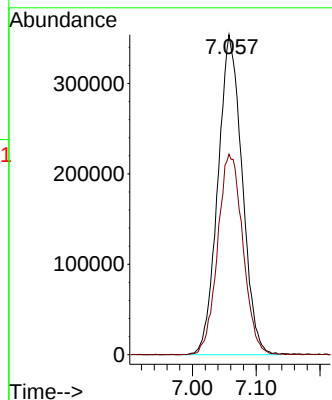
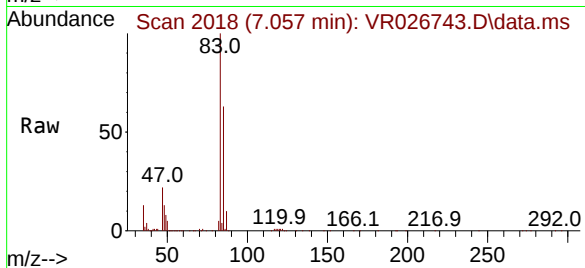
VSTDICC020

Tgt Ion: 83 Resp: 934605

Ion Ratio Lower Upper

83 100

85 62.6 51.5 77.3



#30

Cyclohexane

Concen: 20.204 ug/l

RT: 7.372 min Scan# 2116

Delta R.T. 0.003 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

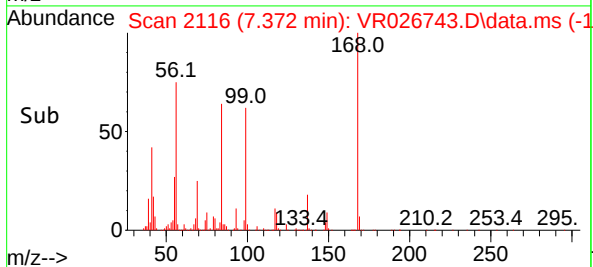
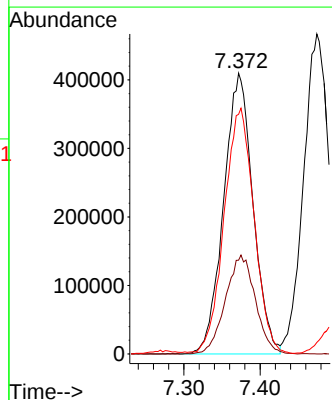
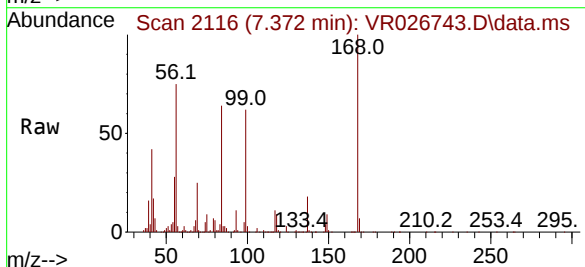
Tgt Ion: 56 Resp: 1095303

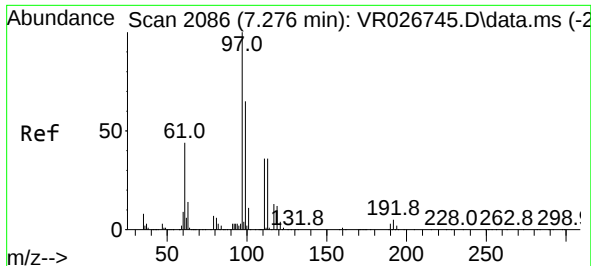
Ion Ratio Lower Upper

56 100

69 33.4 24.6 37.0

84 84.8 68.7 103.1



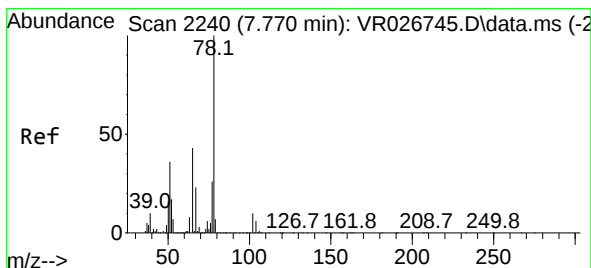
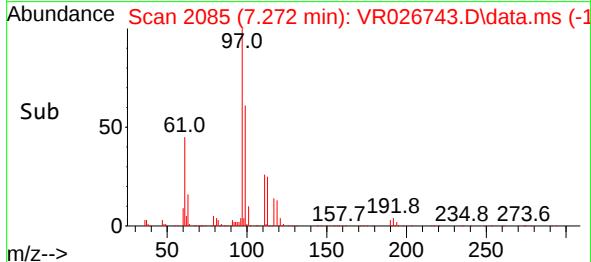
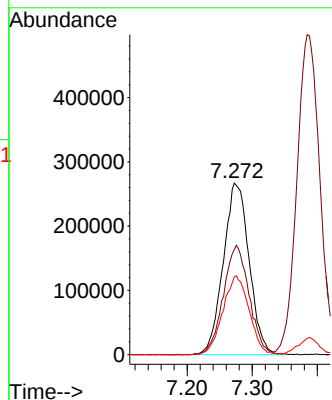
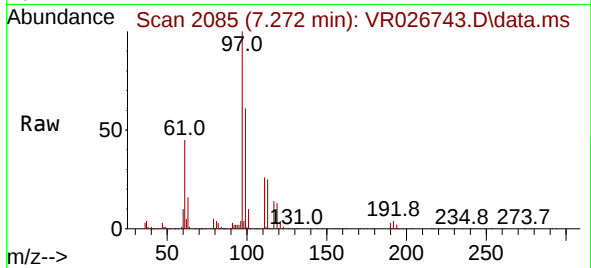


#31
 1,1,1-Trichloroethane
 Concen: 19.645 ug/l
 RT: 7.272 min Scan# 2086
 Delta R.T. -0.003 min
 Lab File: VR026743.D
 Acq: 20 Aug 2025 15:50

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC020

Tgt Ion: 97 Resp: 736788

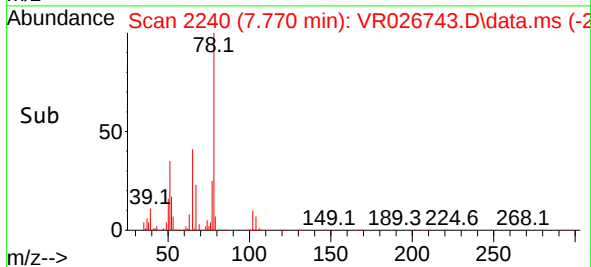
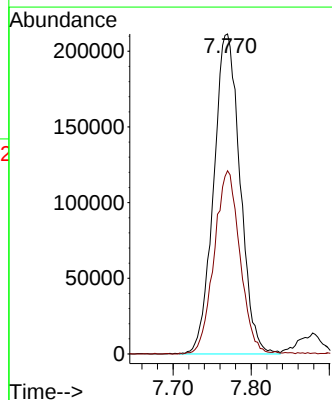
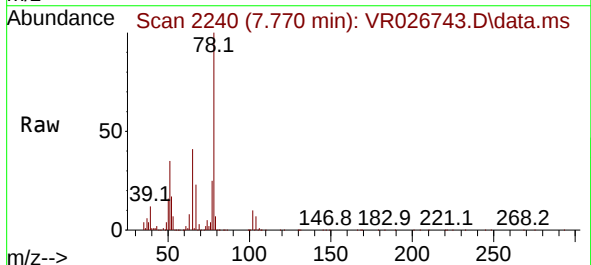
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.0	76.4
61	46.7	35.0	52.4

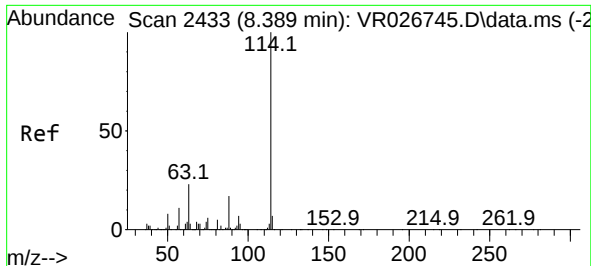


#32
 1,2-Dichloroethane-d4
 Concen: 18.772 ug/l
 RT: 7.770 min Scan# 2240
 Delta R.T. -0.000 min
 Lab File: VR026743.D
 Acq: 20 Aug 2025 15:50

Tgt Ion: 65 Resp: 496964

Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	111.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.389 min Scan# 2433

Delta R.T. -0.000 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC020

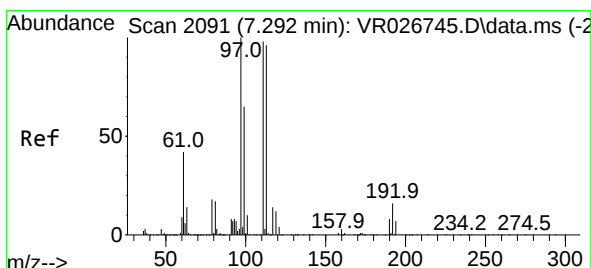
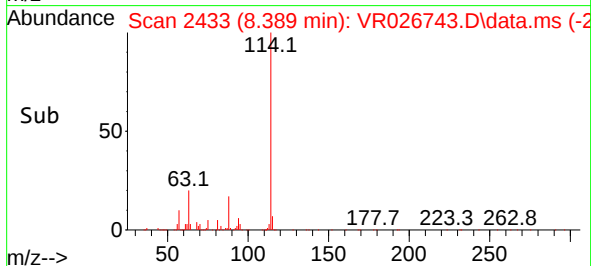
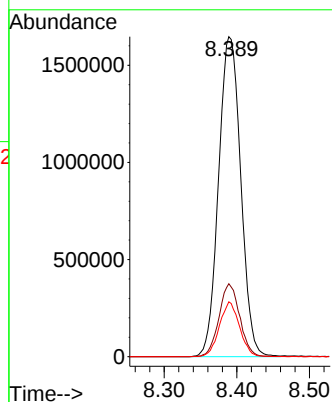
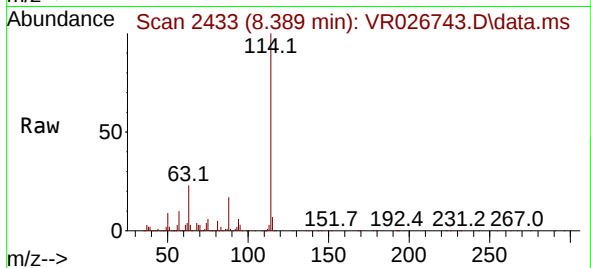
Tgt Ion:114 Resp: 3496474

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.8

88 17.1 0.0 34.8



#34

Dibromofluoromethane

Concen: 18.355 ug/l

RT: 7.295 min Scan# 2092

Delta R.T. 0.003 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

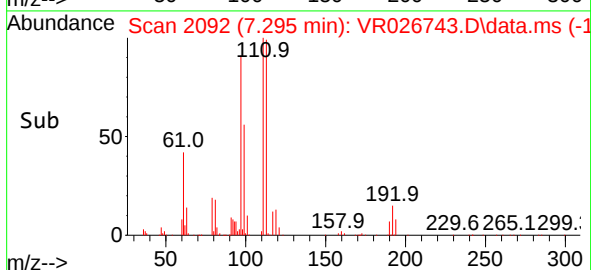
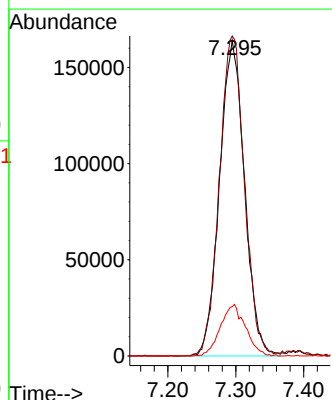
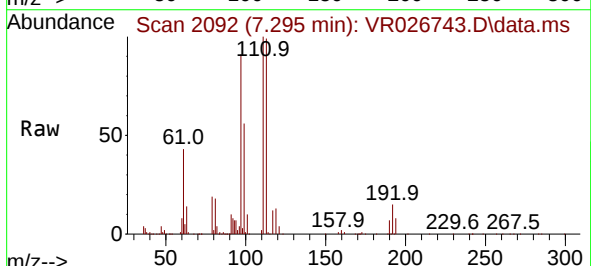
Tgt Ion:113 Resp: 418570

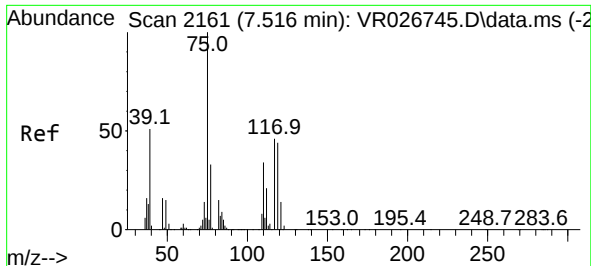
Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

192 16.4 12.9 19.3





#35

1,1-Dichloropropene

Concen: 19.495 ug/l

RT: 7.519 min Scan# 2161

Delta R.T. 0.003 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC020

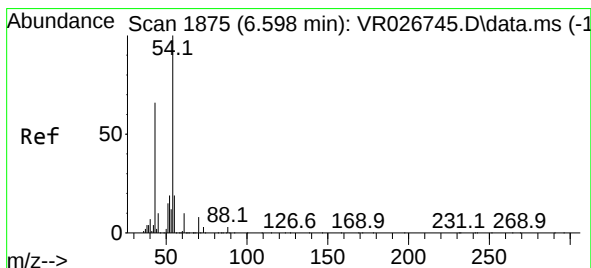
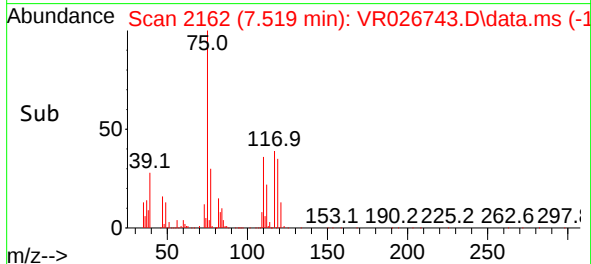
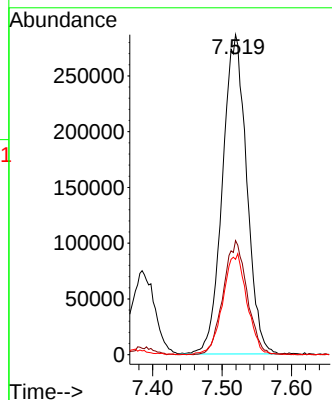
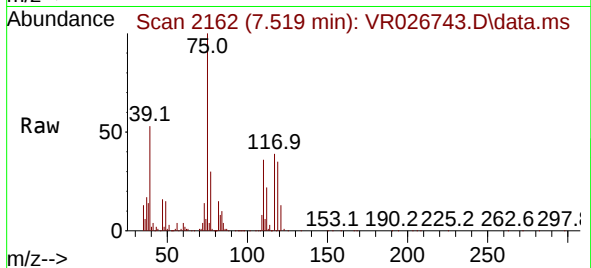
Tgt Ion: 75 Resp: 692323

Ion Ratio Lower Upper

75 100

110 35.3 17.3 52.0

77 31.4 25.1 37.7



#36

Ethyl Acetate

Concen: 19.381 ug/l

RT: 6.598 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

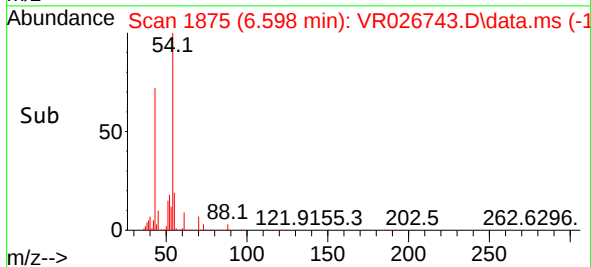
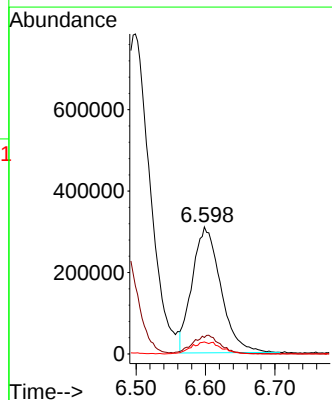
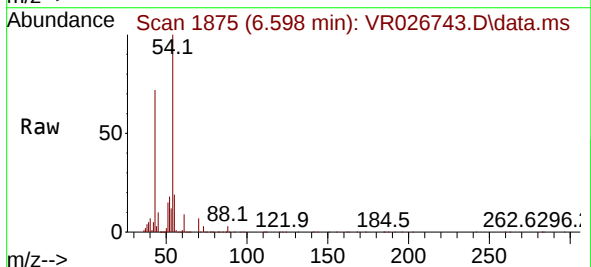
Tgt Ion: 43 Resp: 882174

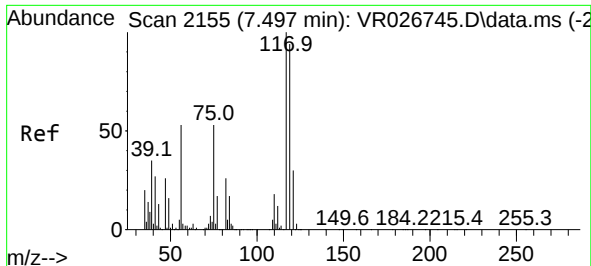
Ion Ratio Lower Upper

43 100

61 14.0 11.4 17.2

70 5.9 8.4 12.6#

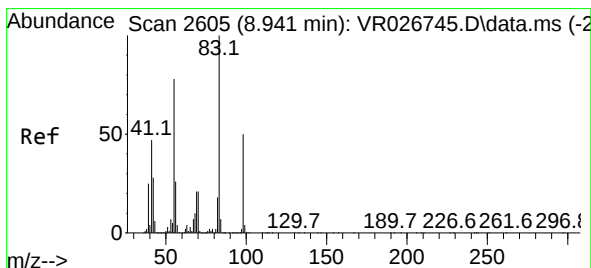
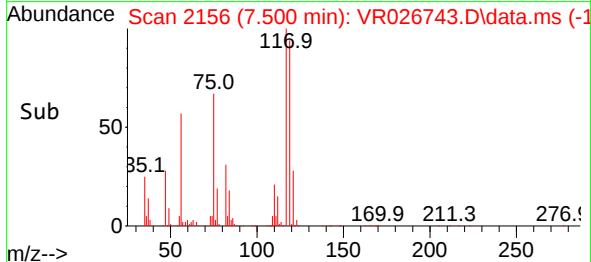
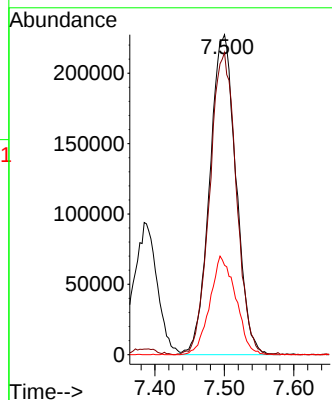
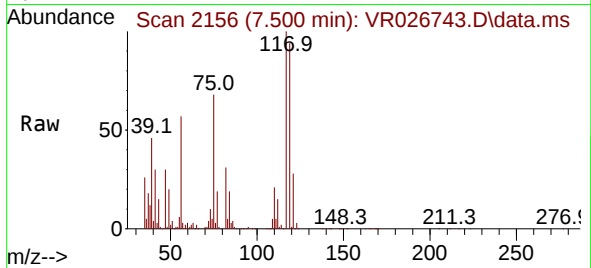




#37
Carbon Tetrachloride
Concen: 18.727 ug/l
RT: 7.500 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

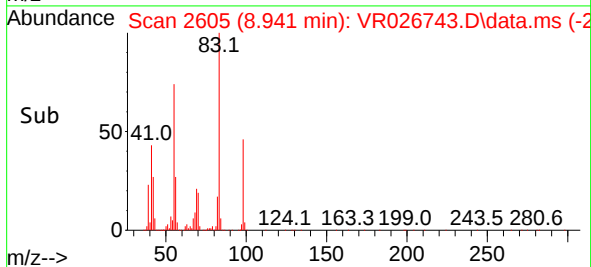
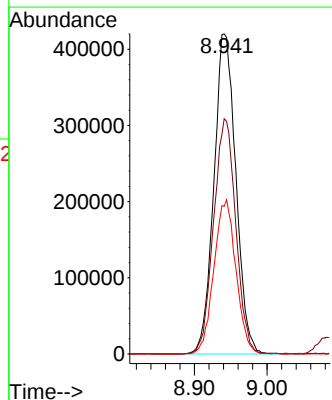
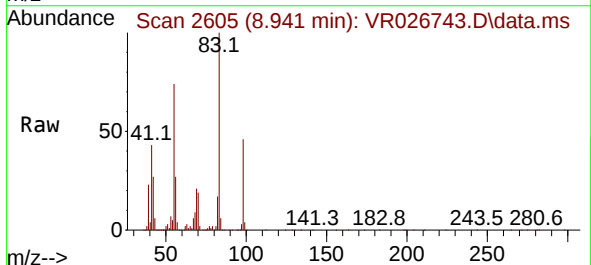
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

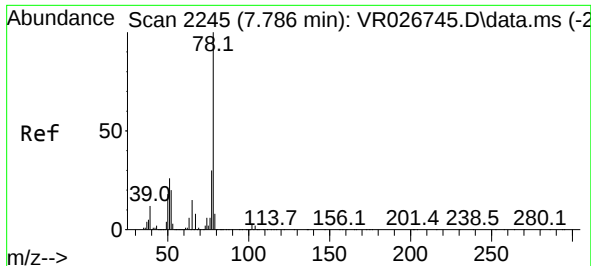
Tgt Ion:117 Resp: 598463
Ion Ratio Lower Upper
117 100
119 94.3 75.1 112.7
121 28.0 24.2 36.2



#38
Methylcyclohexane
Concen: 19.904 ug/l
RT: 8.941 min Scan# 2605
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion: 83 Resp: 884546
Ion Ratio Lower Upper
83 100
55 73.5 62.6 94.0
98 46.1 39.9 59.9

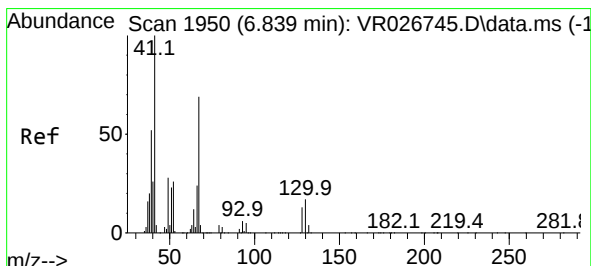
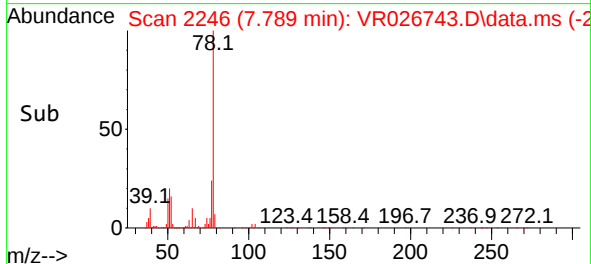
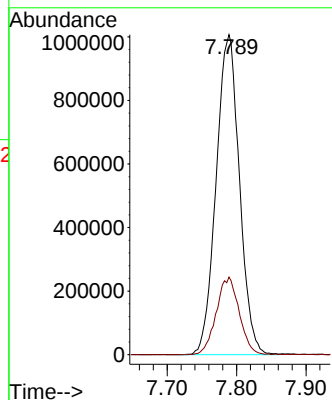
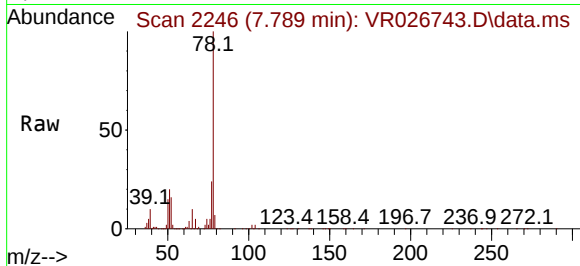




#39
Benzene
Concen: 21.548 ug/l
RT: 7.789 min Scan# 21
Delta R.T. 0.003 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

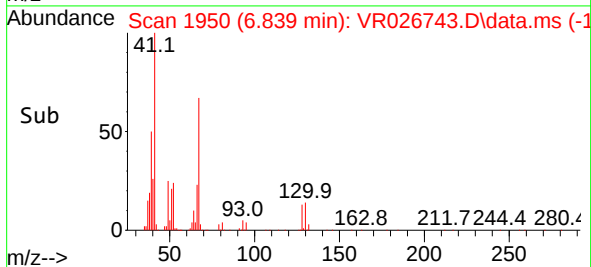
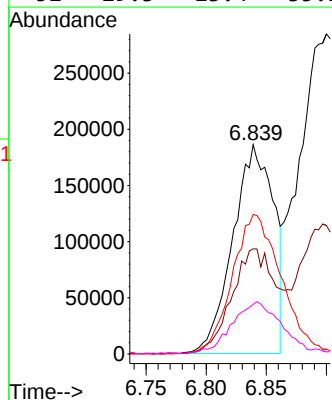
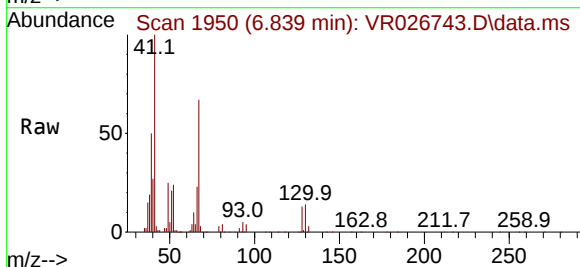
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

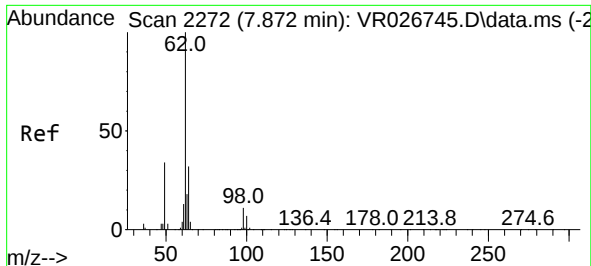
Tgt Ion: 78 Resp: 2349291
Ion Ratio Lower Upper
78 100
77 24.2 24.3 36.5#



#40
Methacrylonitrile
Concen: 18.480 ug/l
RT: 6.839 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion: 41 Resp: 437913
Ion Ratio Lower Upper
41 100
39 53.4 43.0 64.4
67 80.4 62.6 94.0
52 29.3 23.4 35.2





#41

1,2-Dichloroethane

Concen: 19.494 ug/l

RT: 7.876 min Scan# 21

Delta R.T. 0.003 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

Instrument :

MSVOA_R

ClientSampleId :

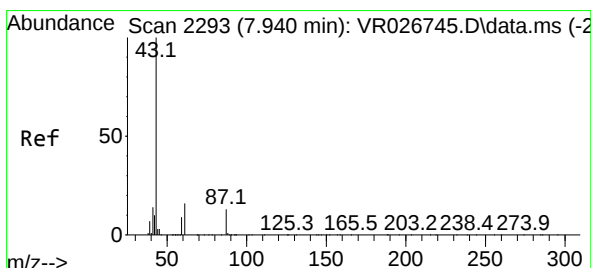
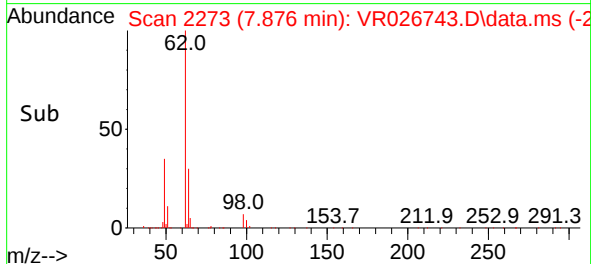
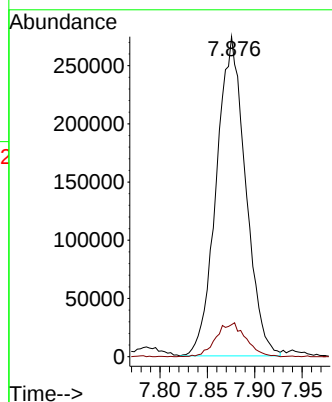
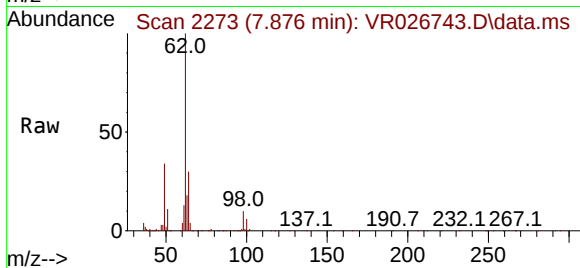
VSTDIC020

Tgt Ion: 62 Resp: 589291

Ion Ratio Lower Upper

62 100

98 10.8 0.0 21.2



#42

Isopropyl Acetate

Concen: 20.624 ug/l

RT: 7.943 min Scan# 2294

Delta R.T. 0.003 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

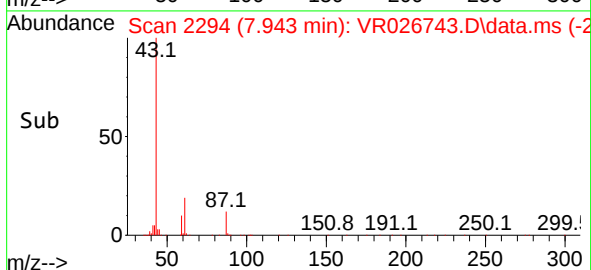
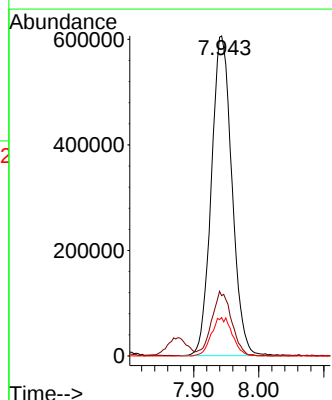
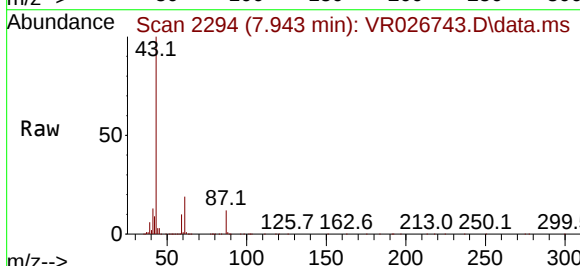
Tgt Ion: 43 Resp: 1328385

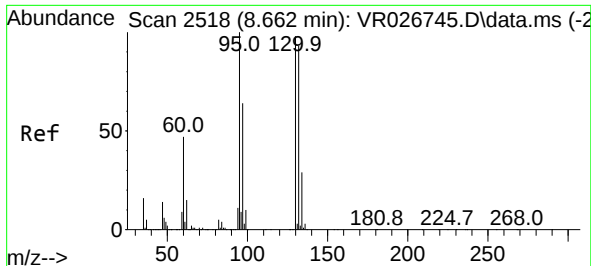
Ion Ratio Lower Upper

43 100

61 19.4 16.8 25.2

87 12.3 10.2 15.4

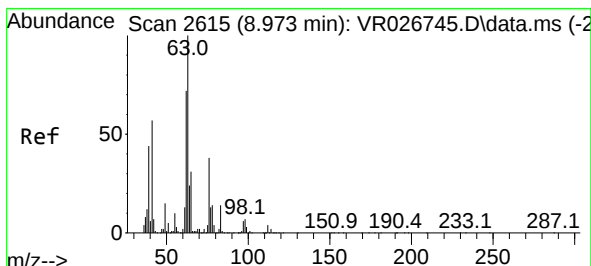
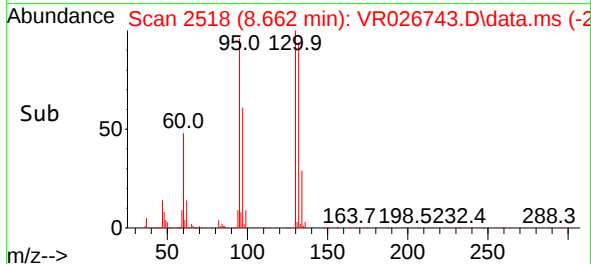
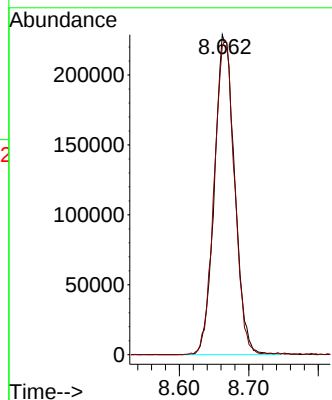
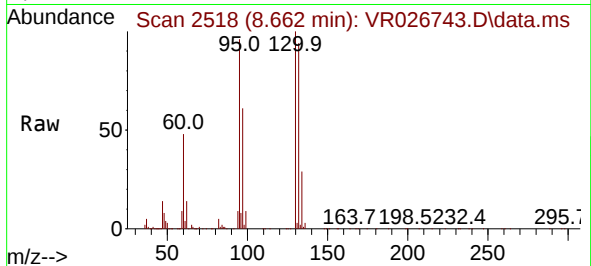




#43
 Trichloroethene
 Concen: 19.454 ug/l
 RT: 8.662 min Scan# 2518
 Delta R.T. -0.000 min
 Lab File: VR026743.D
 Acq: 20 Aug 2025 15:50

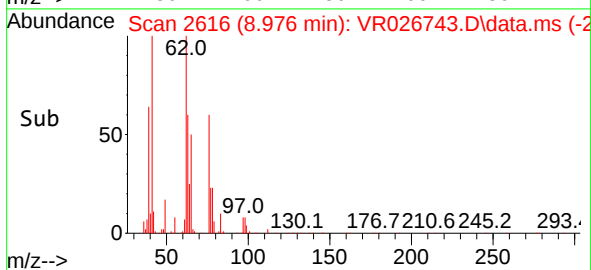
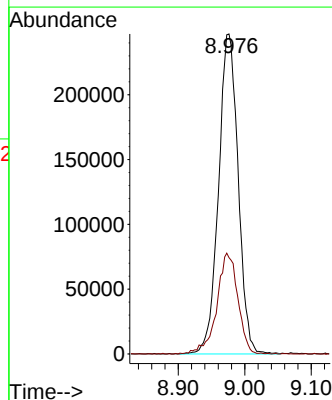
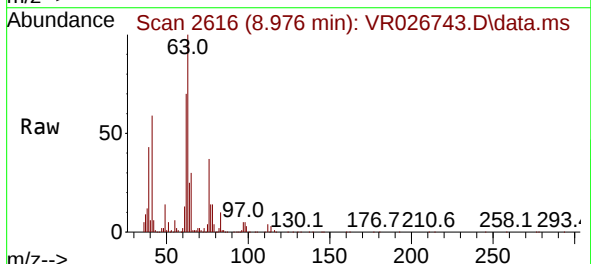
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC020

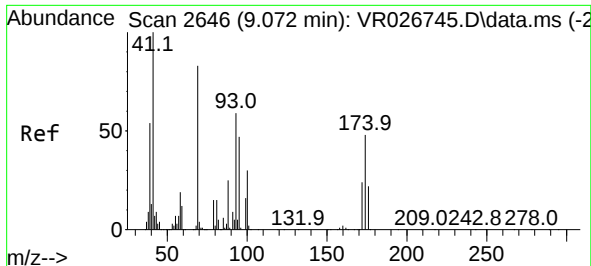
Tgt Ion:130 Resp: 462714
 Ion Ratio Lower Upper
 130 100
 95 96.3 0.0 203.4



#44
 1,2-Dichloropropane
 Concen: 19.414 ug/l
 RT: 8.976 min Scan# 2616
 Delta R.T. 0.003 min
 Lab File: VR026743.D
 Acq: 20 Aug 2025 15:50

Tgt Ion: 63 Resp: 506721
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.8 37.2

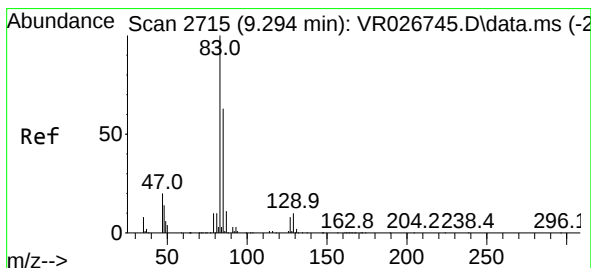
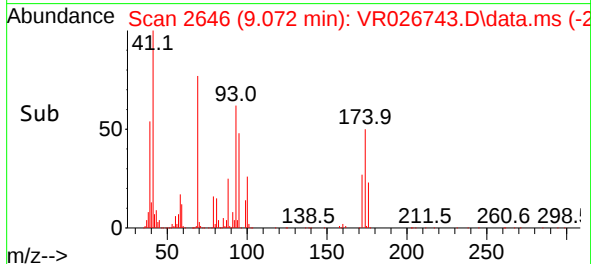
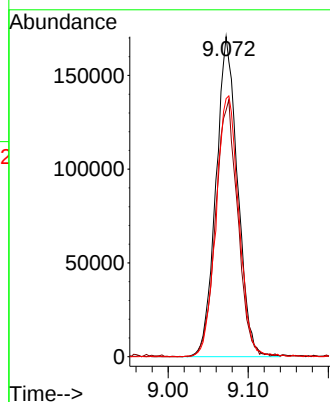
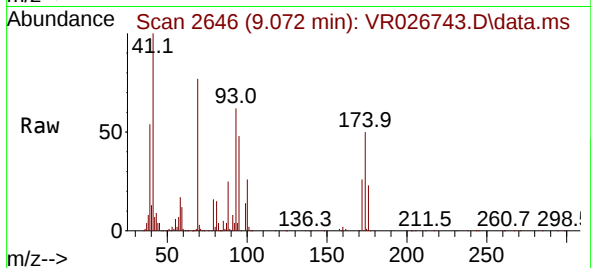




#45
Dibromomethane
Concen: 19.332 ug/l
RT: 9.072 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

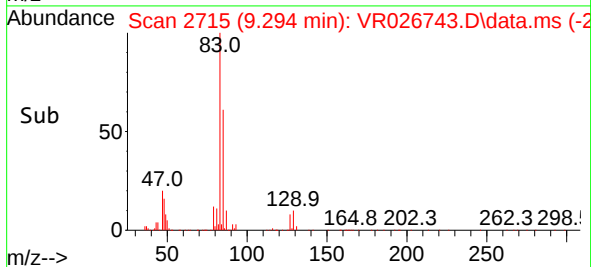
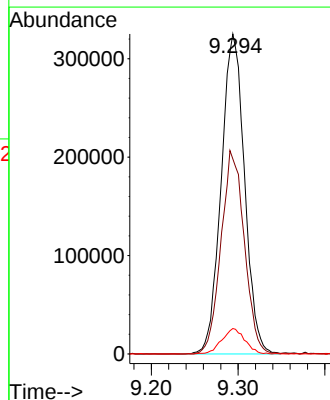
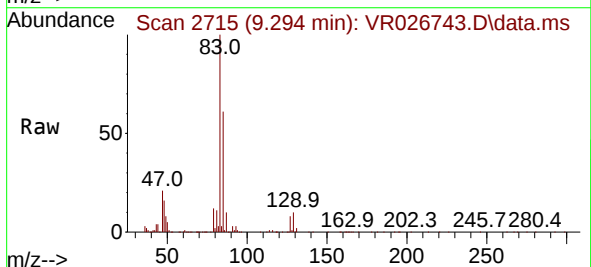
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

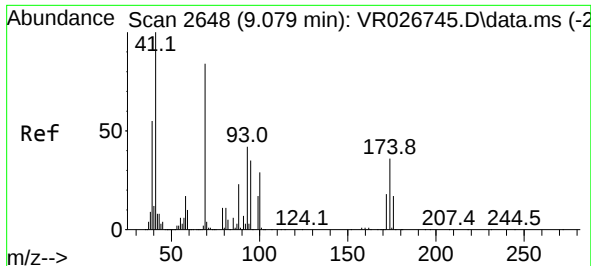
Tgt Ion: 93 Resp: 320536
Ion Ratio Lower Upper
93 100
95 81.4 65.4 98.0
174 85.4 66.5 99.7



#46
Bromodichloromethane
Concen: 19.666 ug/l
RT: 9.294 min Scan# 2715
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion: 83 Resp: 606935
Ion Ratio Lower Upper
83 100
85 61.0 50.8 76.2
127 7.9 6.0 9.0

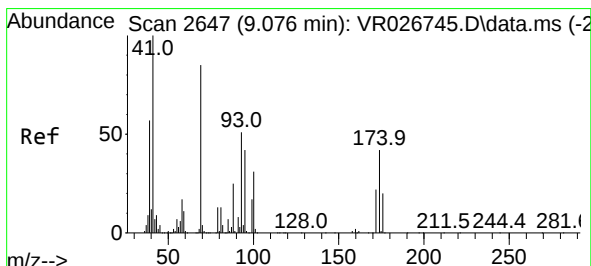
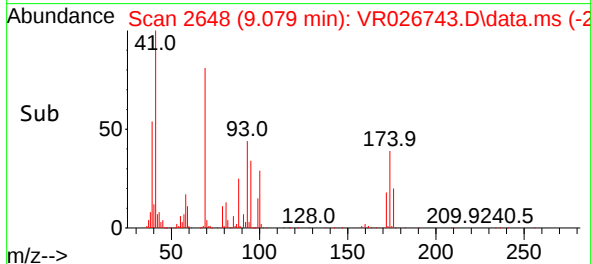
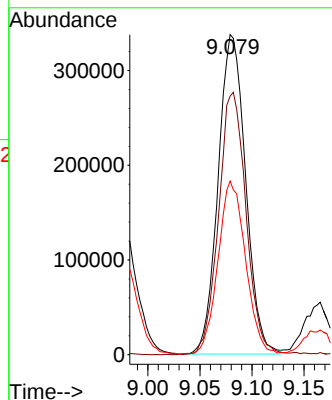
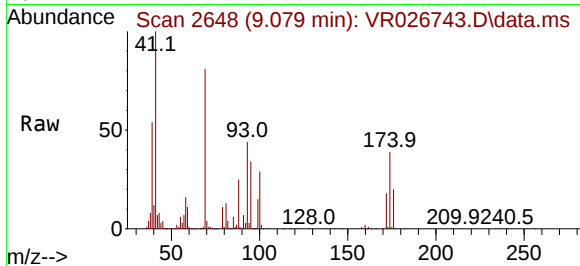




#47
Methyl methacrylate
Concen: 19.661 ug/l
RT: 9.079 min Scan# 2648
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

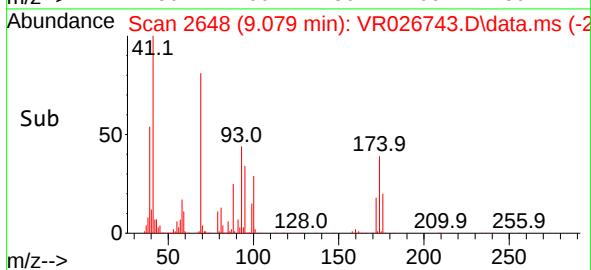
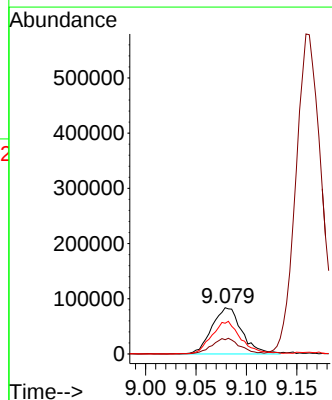
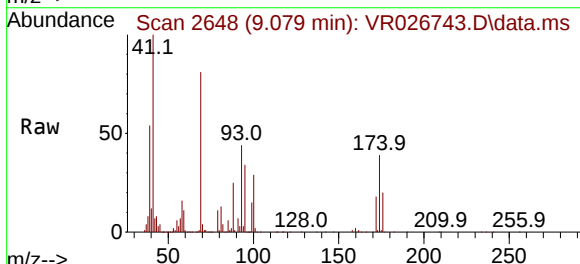
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

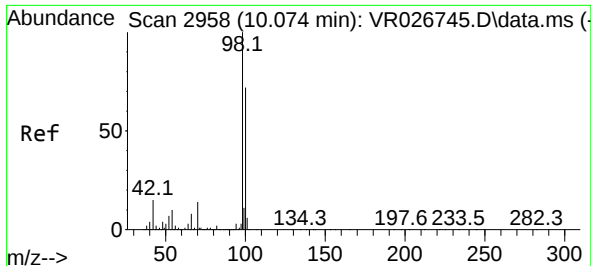
Tgt Ion: 41 Resp: 618092
Ion Ratio Lower Upper
41 100
69 82.3 66.5 99.7
39 54.5 43.3 64.9



#48
1,4-Dioxane
Concen: 428.981 ug/l
RT: 9.079 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion: 88 Resp: 173248
Ion Ratio Lower Upper
88 100
43 30.4 27.1 40.7
58 67.6 55.9 83.9

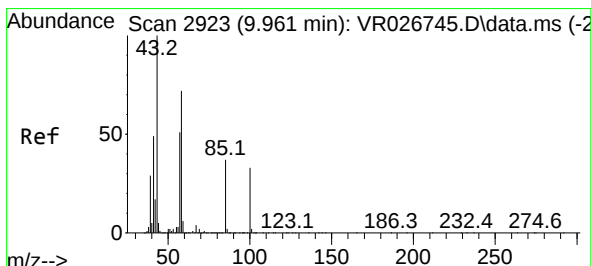
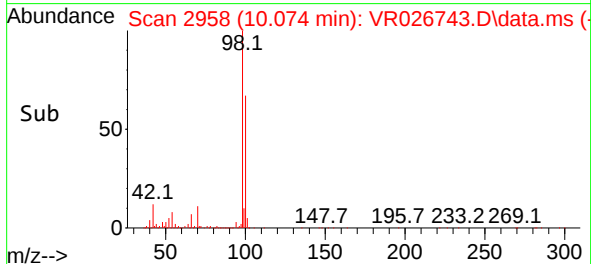
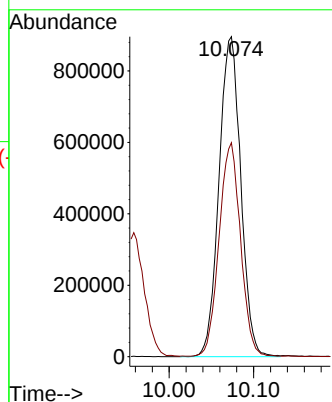
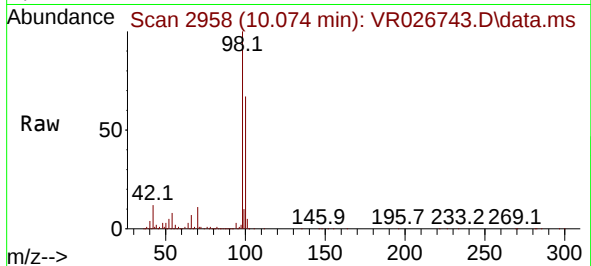




#49
Toluene-d8
Concen: 20.928 ug/l
RT: 10.074 min Scan# 2958
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

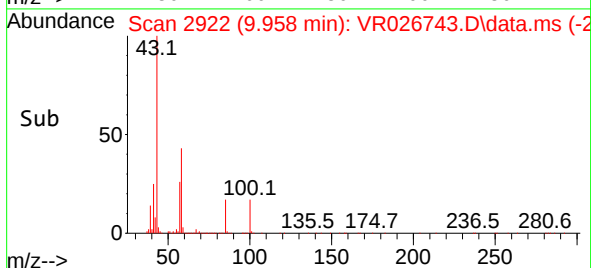
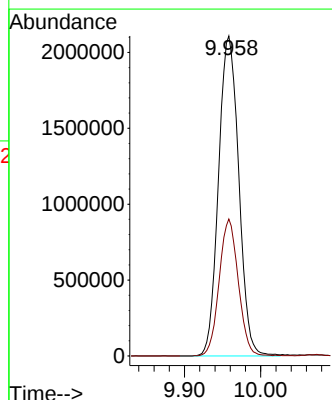
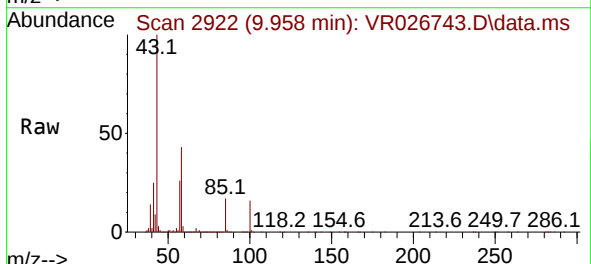
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

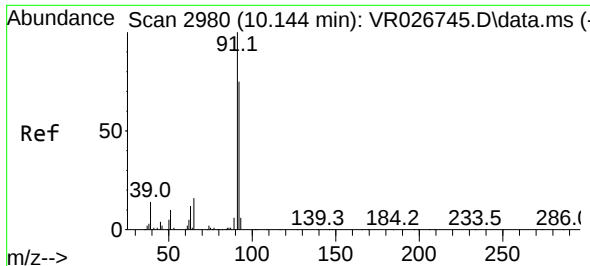
Tgt Ion: 98 Resp: 1599925
Ion Ratio Lower Upper
98 100
100 65.7 55.7 83.5



#50
4-Methyl-2-Pentanone
Concen: 107.891 ug/l
RT: 9.958 min Scan# 2922
Delta R.T. -0.003 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion: 43 Resp: 3886534
Ion Ratio Lower Upper
43 100
58 40.4 46.8 70.2#

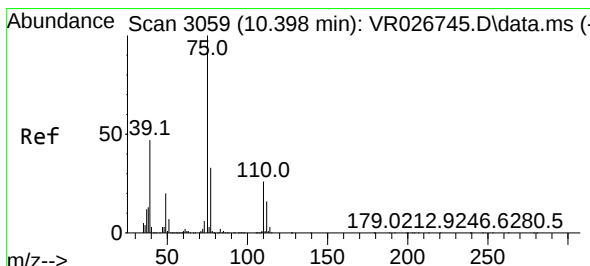
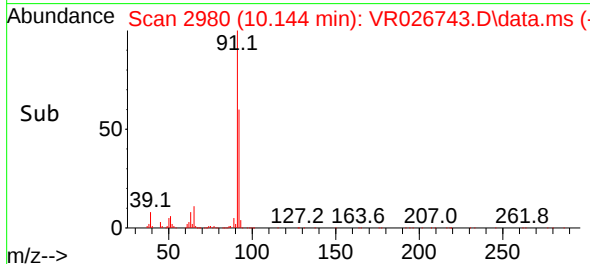
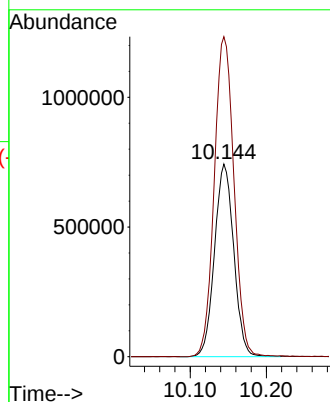
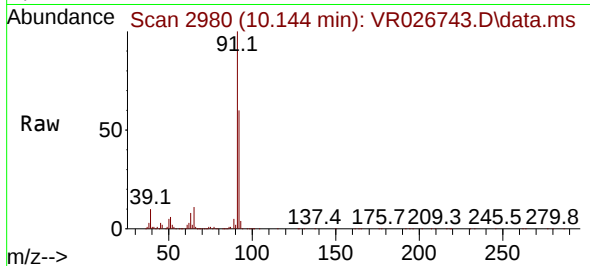




#51
Toluene
Concen: 20.879 ug/l
RT: 10.144 min Scan# 2980
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

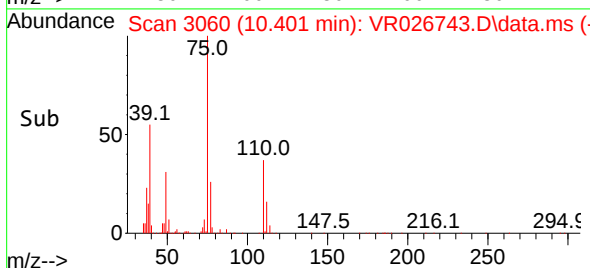
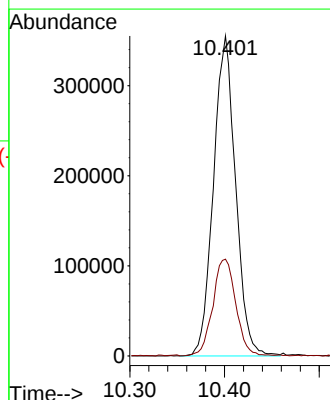
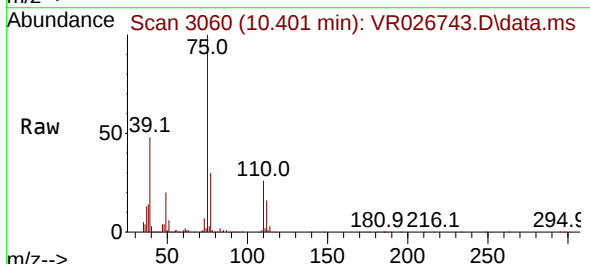
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

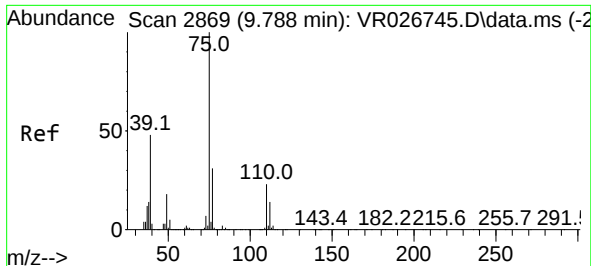
Tgt Ion: 92 Resp: 1299860
Ion Ratio Lower Upper
92 100
91 170.4 120.1 180.1



#52
t-1,3-Dichloropropene
Concen: 19.706 ug/l
RT: 10.401 min Scan# 3060
Delta R.T. 0.003 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion: 75 Resp: 576022
Ion Ratio Lower Upper
75 100
77 30.2 26.2 39.4



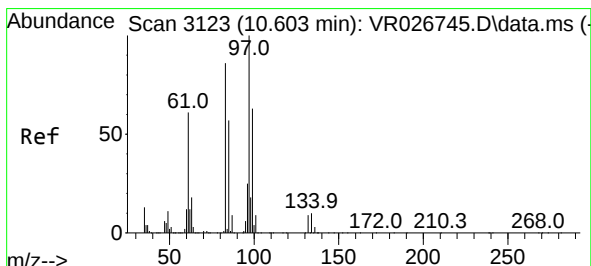
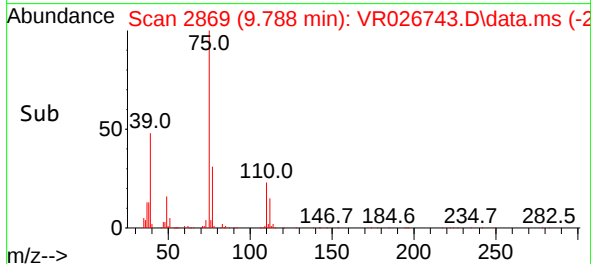
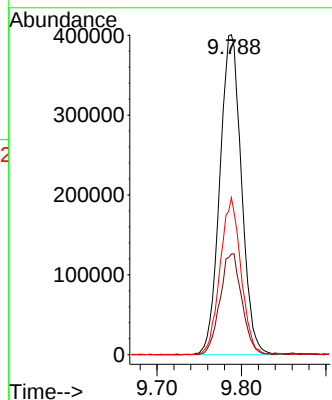
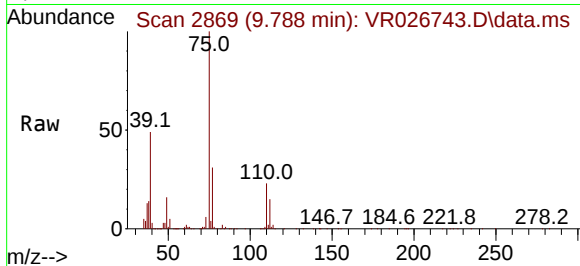


#53
 cis-1,3-Dichloropropene
 Concen: 20.070 ug/l
 RT: 9.788 min Scan# 2869
 Delta R.T. -0.000 min
 Lab File: VR026743.D
 Acq: 20 Aug 2025 15:50

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 711746

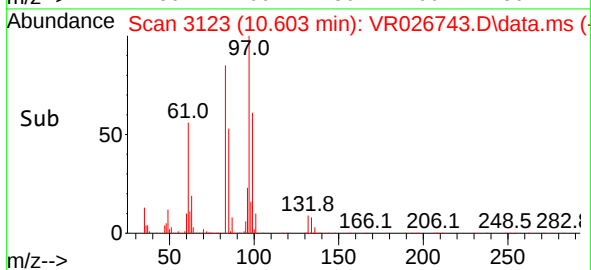
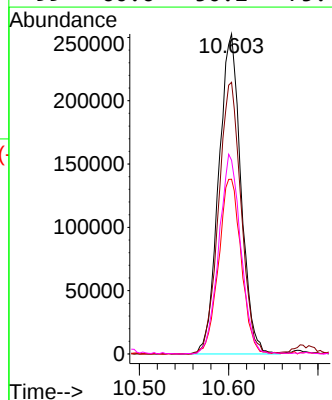
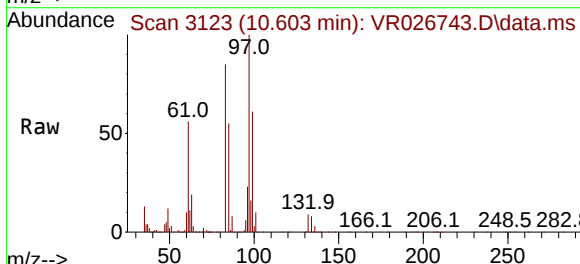
Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.1	37.7
39	49.1	38.5	57.7

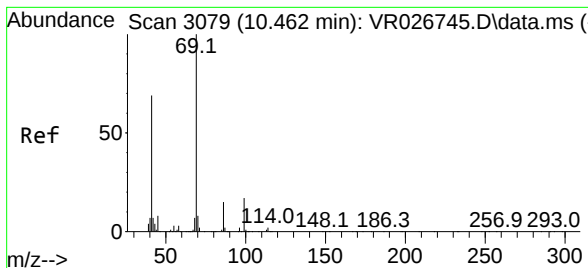


#54
 1,1,2-Trichloroethane
 Concen: 19.785 ug/l
 RT: 10.603 min Scan# 3123
 Delta R.T. -0.000 min
 Lab File: VR026743.D
 Acq: 20 Aug 2025 15:50

Tgt Ion: 97 Resp: 437198

Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.9	103.3
85	54.6	45.3	67.9
99	60.6	50.2	75.4

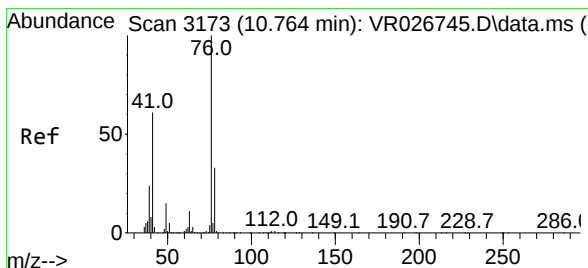
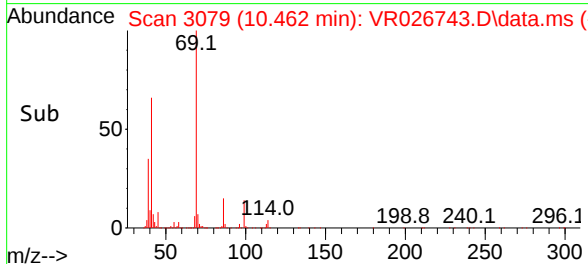
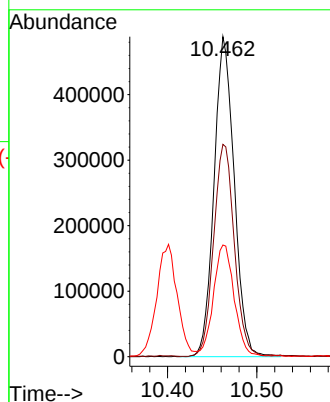
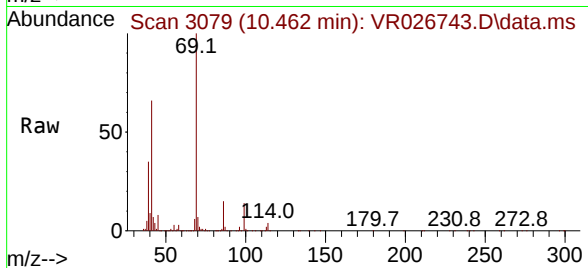




#55
Ethyl methacrylate
Concen: 20.188 ug/l
RT: 10.462 min Scan# 3079
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

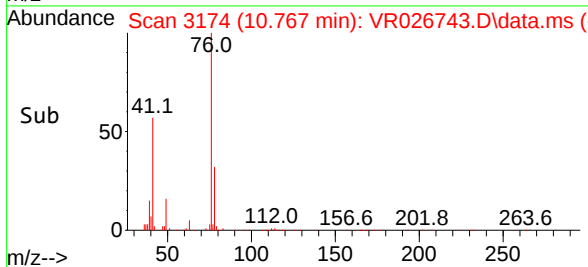
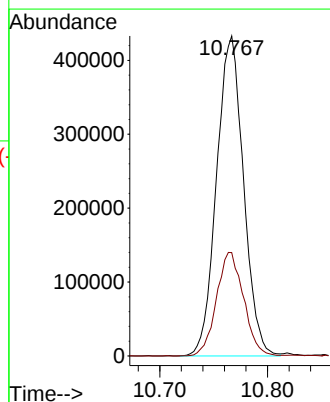
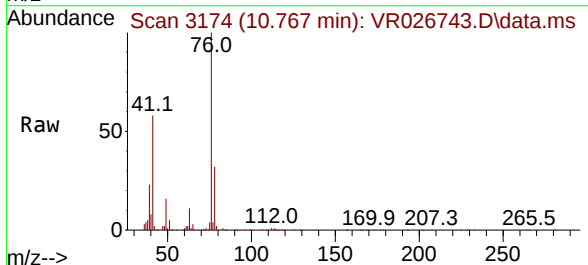
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

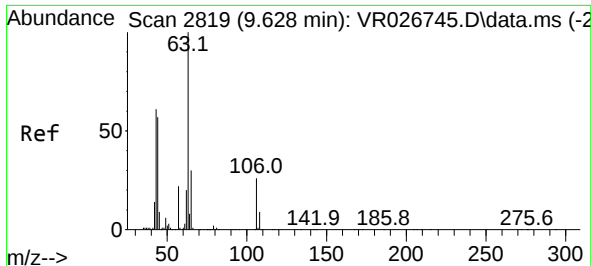
Tgt Ion: 69 Resp: 767334
Ion Ratio Lower Upper
69 100
41 67.7 55.6 83.4
39 35.7 29.2 43.8



#56
1,3-Dichloropropane
Concen: 20.222 ug/l
RT: 10.767 min Scan# 3174
Delta R.T. 0.003 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion: 76 Resp: 753182
Ion Ratio Lower Upper
76 100
78 32.5 25.9 38.9

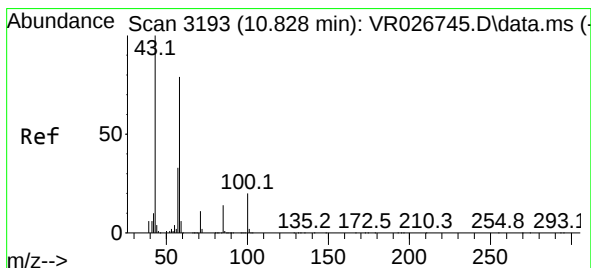
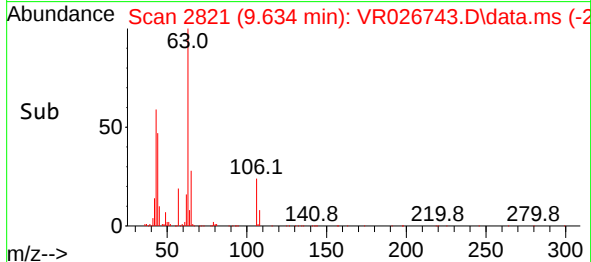
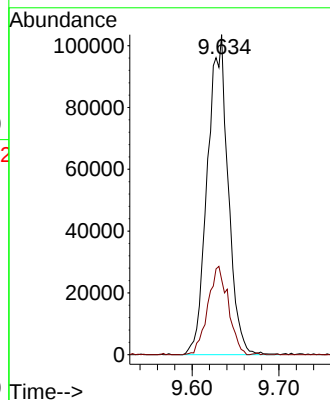
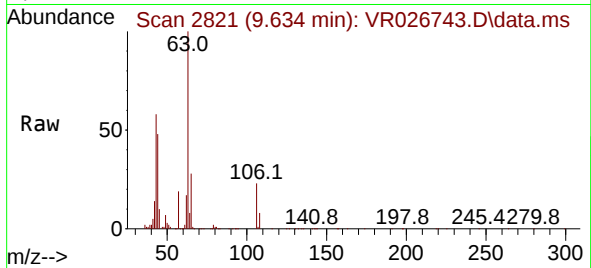




#57
2-Chloroethyl Vinyl ether
Concen: 95.978 ug/l
RT: 9.634 min Scan# 21
Delta R.T. 0.006 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

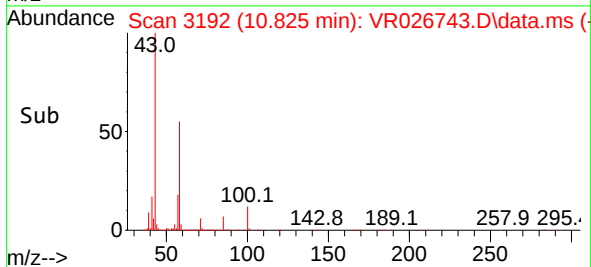
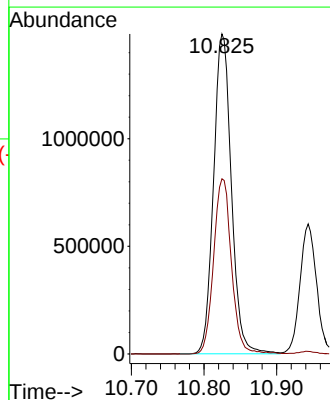
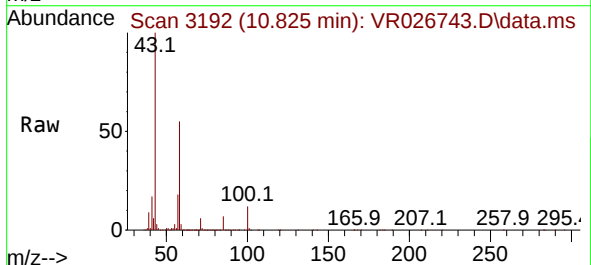
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

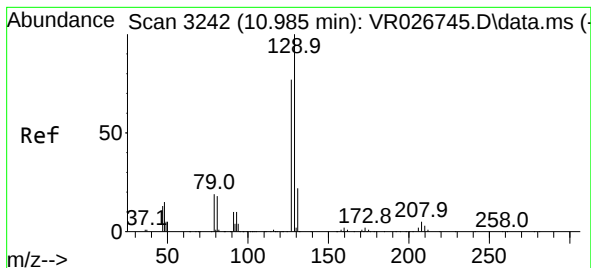
Tgt Ion: 63 Resp: 171189
Ion Ratio Lower Upper
63 100
106 27.4 21.5 32.3



#58
2-Hexanone
Concen: 116.531 ug/l
RT: 10.825 min Scan# 3192
Delta R.T. -0.003 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion: 43 Resp: 2536312
Ion Ratio Lower Upper
43 100
58 54.8 34.0 102.0





#59

Dibromochloromethane

Concen: 19.958 ug/l

RT: 10.985 min Scan# 31

Delta R.T. -0.000 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

Instrument :

MSVOA_R

ClientSampleId :

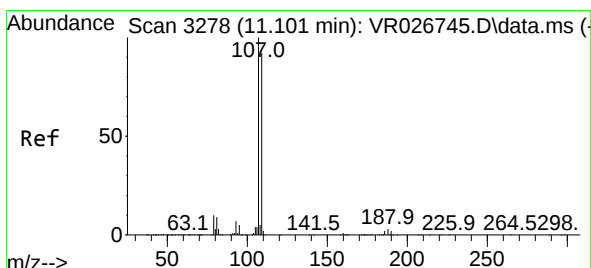
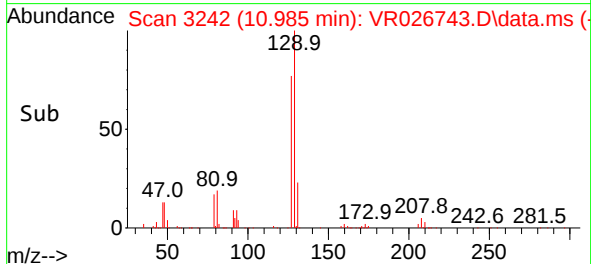
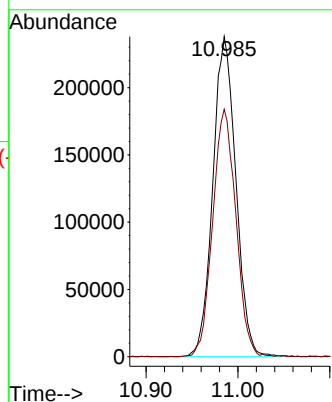
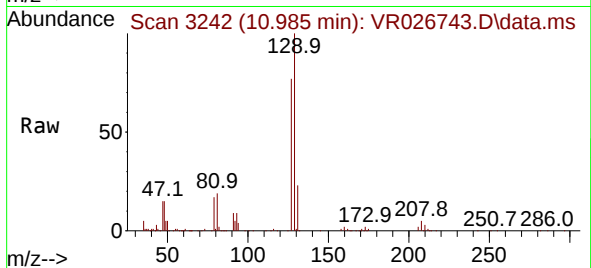
VSTDIC020

Tgt Ion:129 Resp: 414836

Ion Ratio Lower Upper

129 100

127 77.8 38.9 116.7



#60

1,2-Dibromoethane

Concen: 19.881 ug/l

RT: 11.101 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VR026743.D

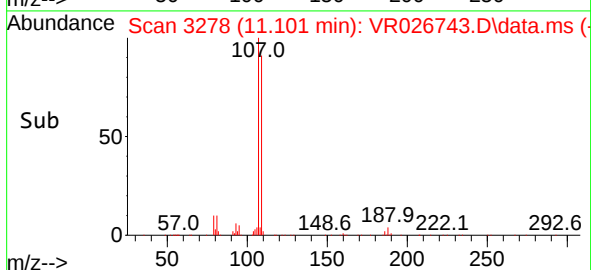
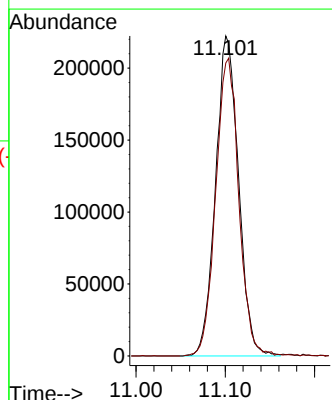
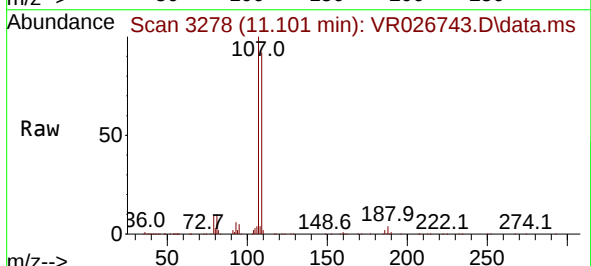
Acq: 20 Aug 2025 15:50

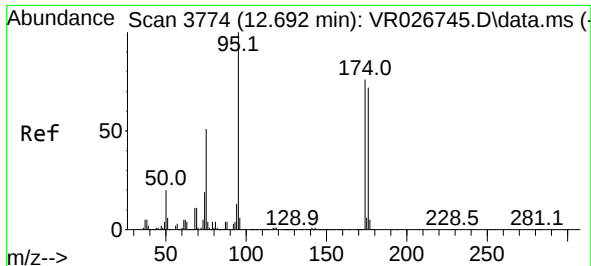
Tgt Ion:107 Resp: 397044

Ion Ratio Lower Upper

107 100

109 93.8 74.3 111.5

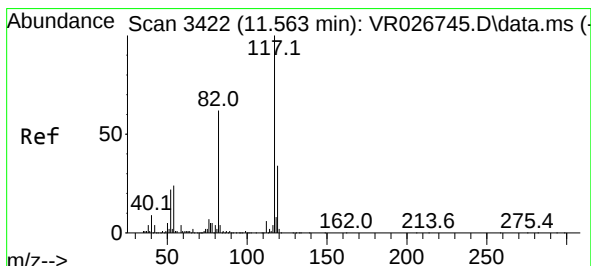
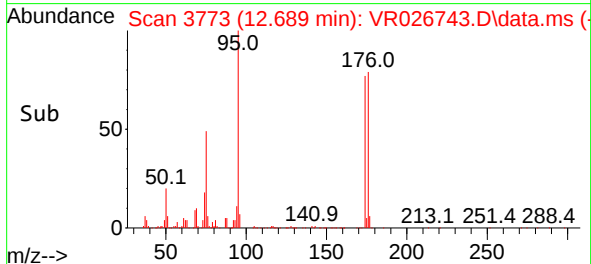
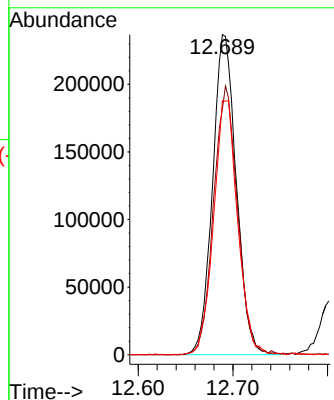
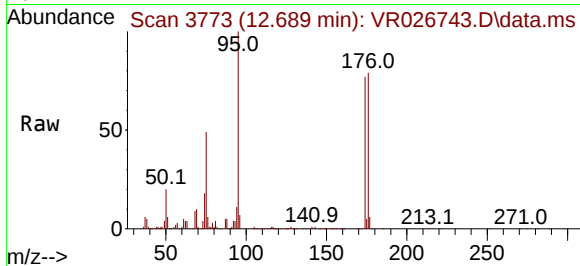




#61
4-Bromofluorobenzene
Concen: 18.977 ug/l
RT: 12.689 min Scan# 31
Delta R.T. -0.003 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

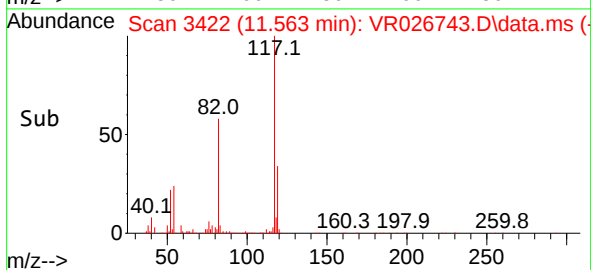
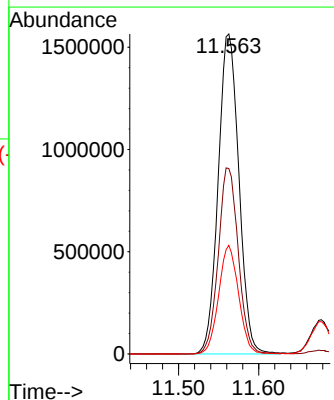
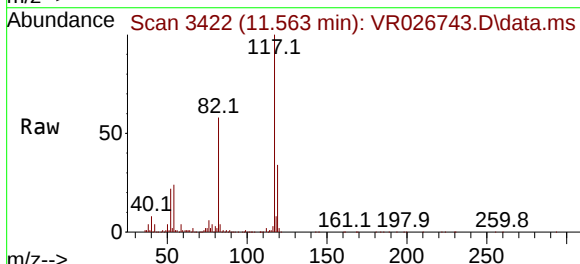
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

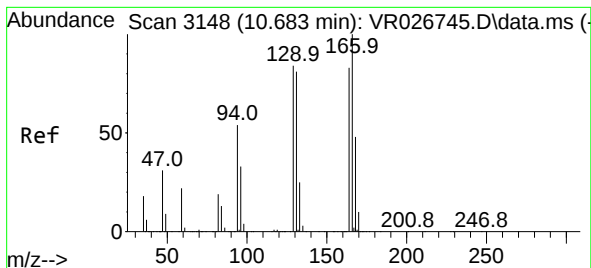
Tgt Ion: 95 Resp: 411642
Ion Ratio Lower Upper
95 100
174 84.2 0.0 156.6
176 80.7 0.0 150.2



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.563 min Scan# 3422
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion: 117 Resp: 2804980
Ion Ratio Lower Upper
117 100
82 57.9 49.9 74.9
119 34.0 27.4 41.2





#63

Tetrachloroethene

Concen: 19.395 ug/l

RT: 10.683 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC020

Tgt Ion:164 Resp: 382250

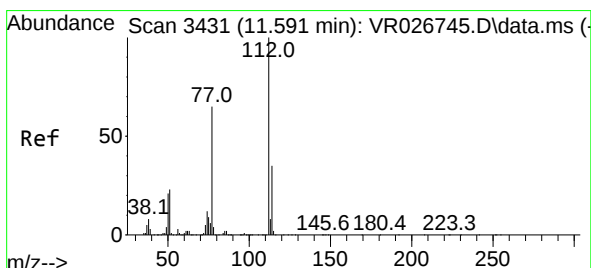
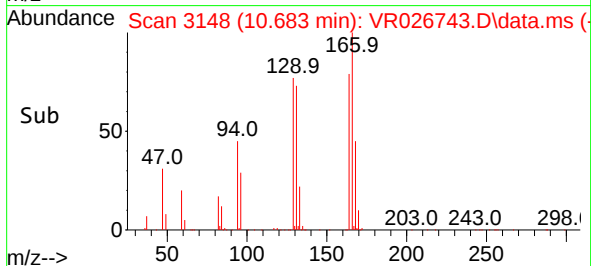
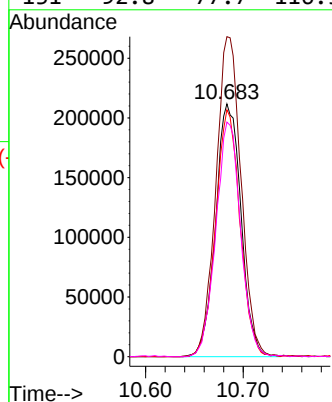
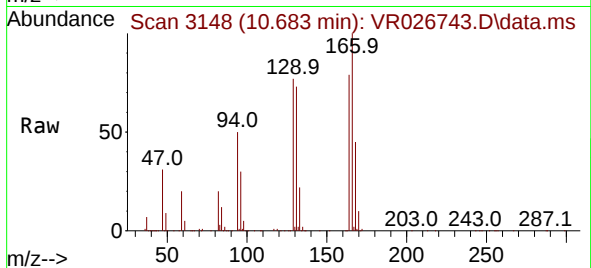
Ion Ratio Lower Upper

164 100

166 126.5 95.9 143.9

129 97.7 80.2 120.2

131 92.8 77.7 116.5



#64

Chlorobenzene

Concen: 20.665 ug/l

RT: 11.591 min Scan# 3431

Delta R.T. -0.000 min

Lab File: VR026743.D

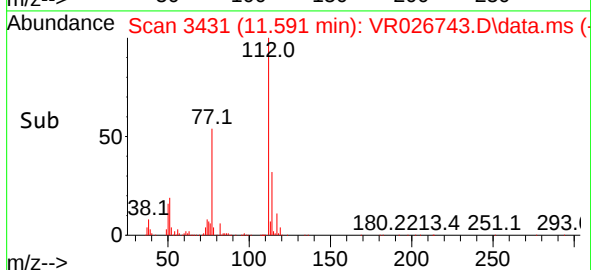
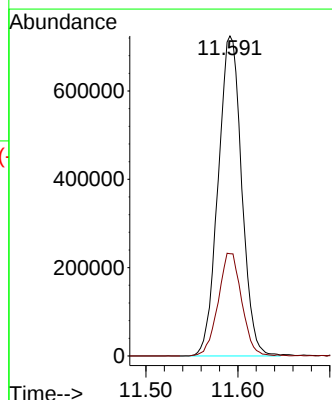
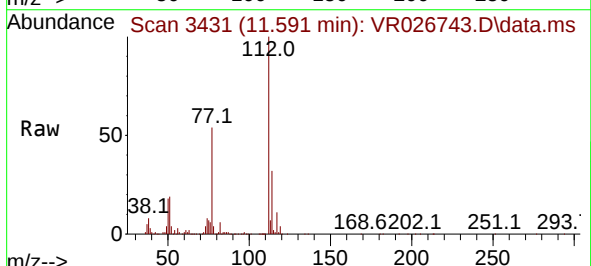
Acq: 20 Aug 2025 15:50

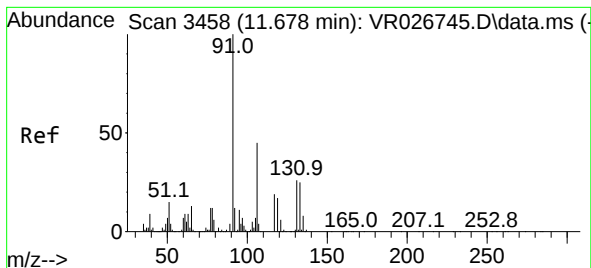
Tgt Ion:112 Resp: 1289932

Ion Ratio Lower Upper

112 100

114 31.9 28.0 42.0

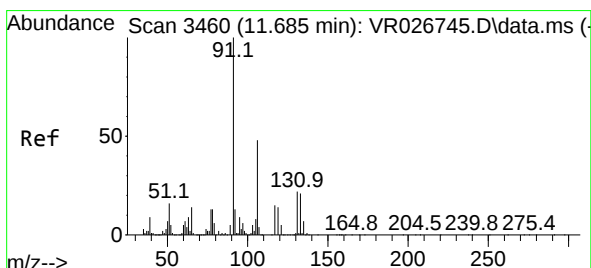
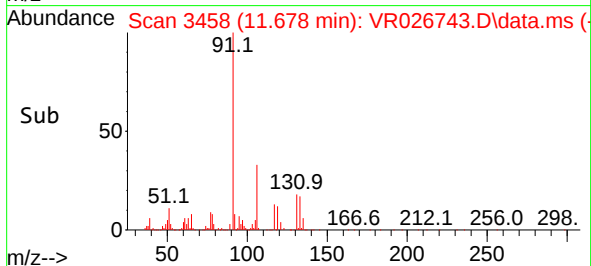
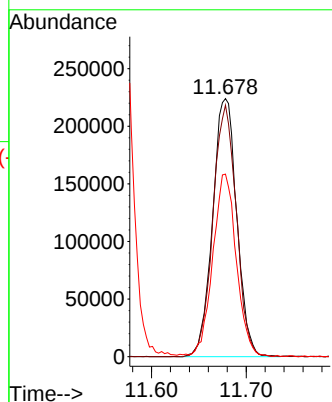
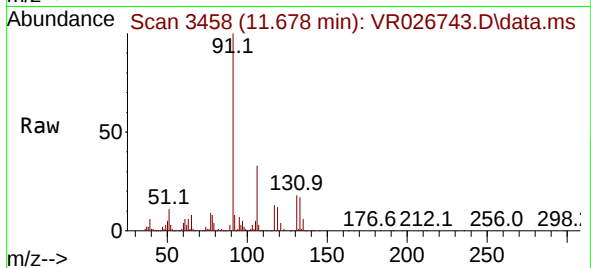




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.932 ug/l
 RT: 11.678 min Scan# 3458
 Delta R.T. -0.000 min
 Lab File: VR026743.D
 Acq: 20 Aug 2025 15:50

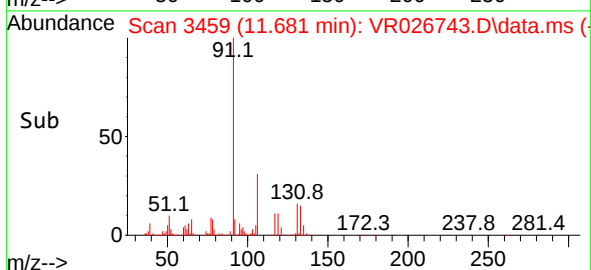
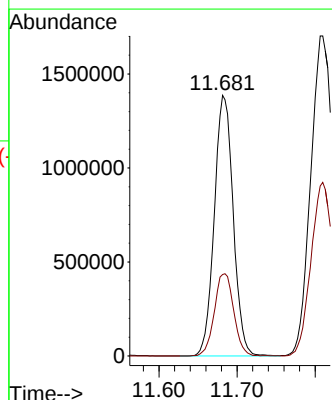
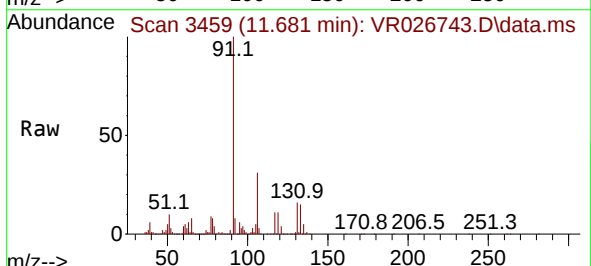
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC020

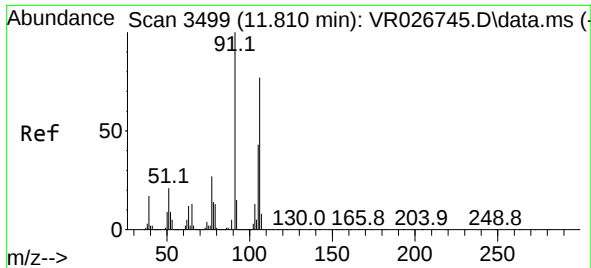
Tgt Ion:131 Resp: 396777
 Ion Ratio Lower Upper
 131 100
 133 94.5 47.3 141.8
 119 69.1 33.9 101.7



#66
 Ethyl Benzene
 Concen: 22.325 ug/l
 RT: 11.681 min Scan# 3459
 Delta R.T. -0.003 min
 Lab File: VR026743.D
 Acq: 20 Aug 2025 15:50

Tgt Ion: 91 Resp: 2329927
 Ion Ratio Lower Upper
 91 100
 106 31.3 38.7 58.1#

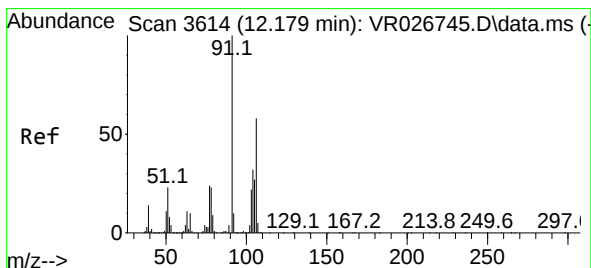
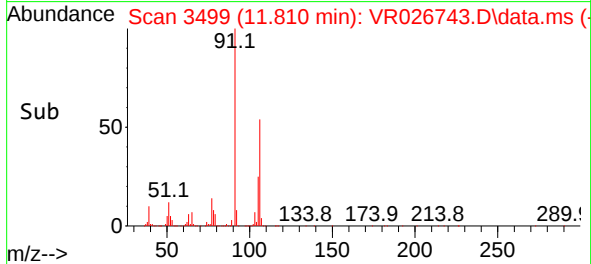
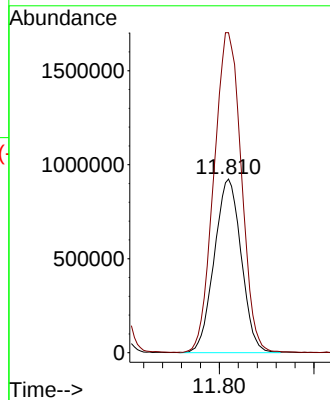
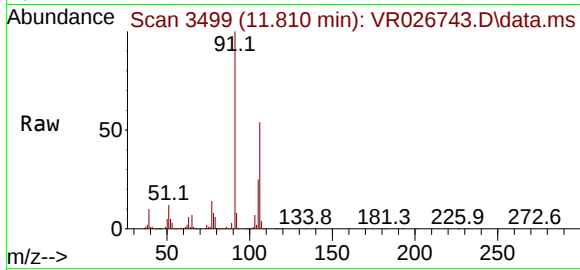




#67
m/p-Xylenes
Concen: 41.754 ug/l
RT: 11.810 min Scan# 3499
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

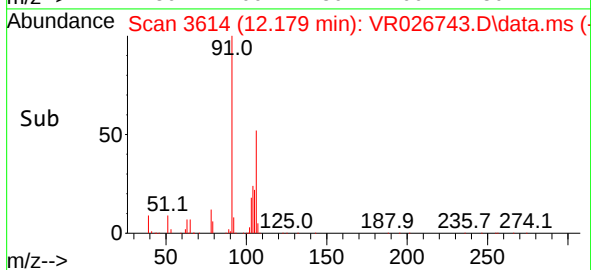
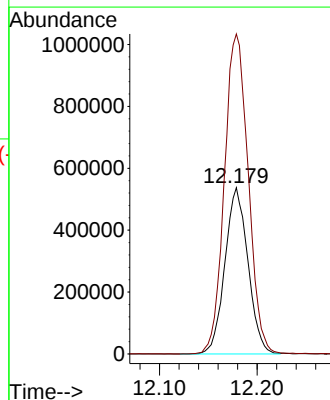
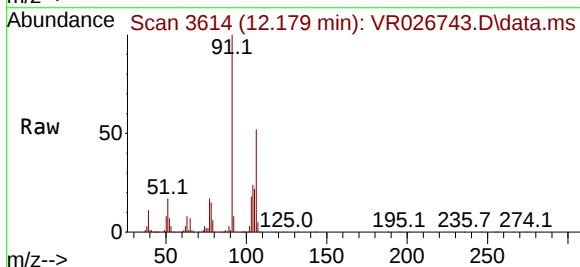
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

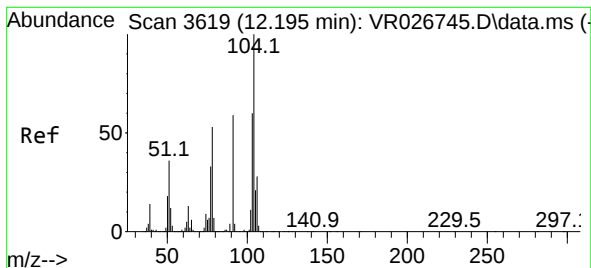
Tgt Ion:106 Resp: 1823451
Ion Ratio Lower Upper
106 100
91 188.1 121.6 182.4#



#68
o-Xylene
Concen: 19.884 ug/l
RT: 12.179 min Scan# 3614
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion:106 Resp: 879897
Ion Ratio Lower Upper
106 100
91 199.5 93.7 281.1





#69

Styrene

Concen: 20.582 ug/l

RT: 12.198 min Scan# 3620

Delta R.T. 0.003 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC020

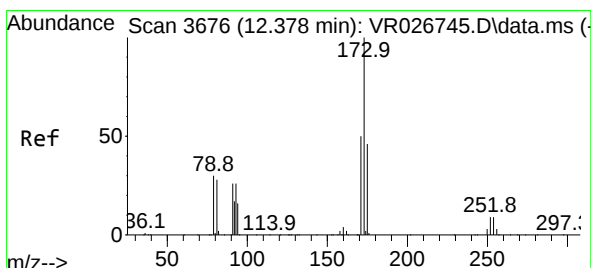
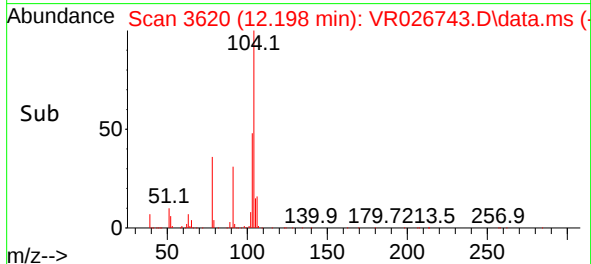
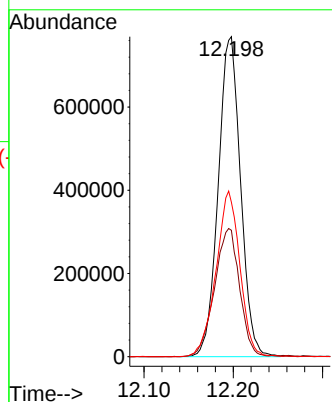
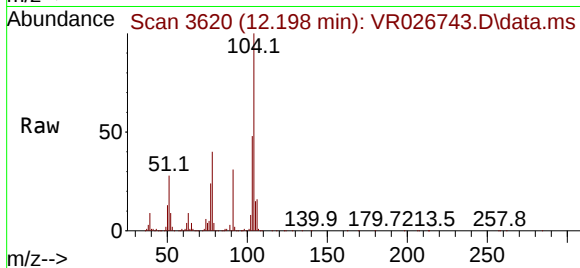
Tgt Ion:104 Resp: 1340230

Ion Ratio Lower Upper

104 100

78 44.8 42.5 63.7

103 55.2 47.5 71.3



#70

Bromoform

Concen: 20.460 ug/l

RT: 12.378 min Scan# 3676

Delta R.T. -0.000 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

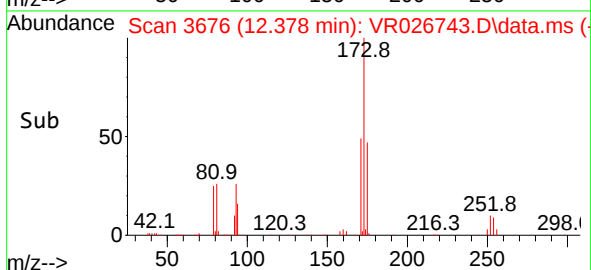
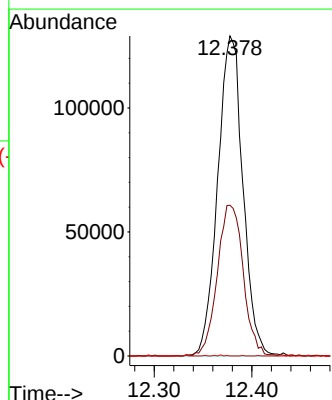
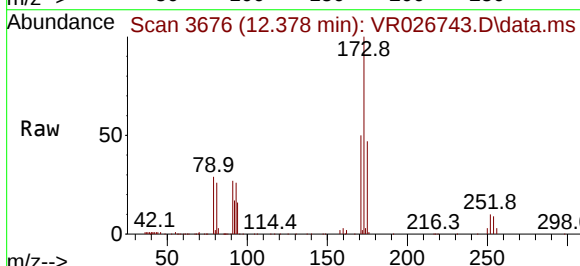
Tgt Ion:173 Resp: 231208

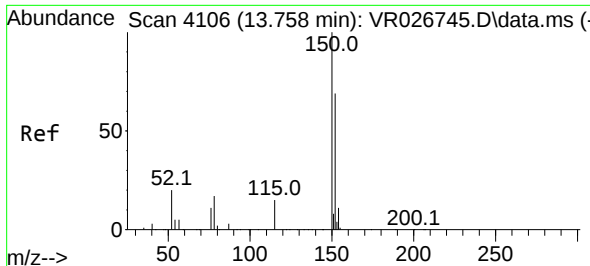
Ion Ratio Lower Upper

173 100

175 48.5 23.8 71.4

254 0.1 0.0 0.0#

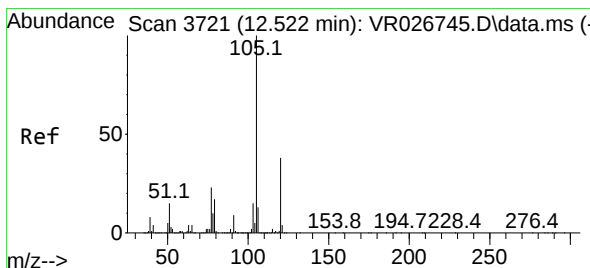
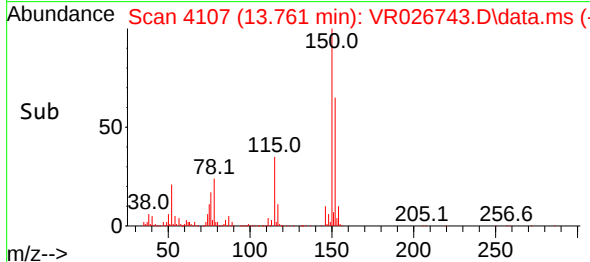
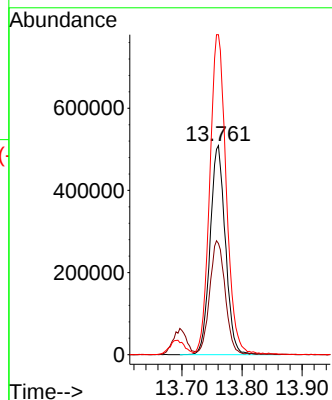
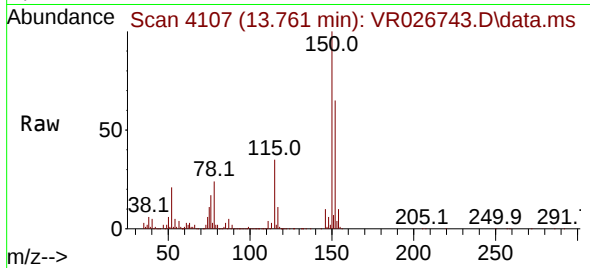




#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.761 min Scan# 4106
Delta R.T. 0.003 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

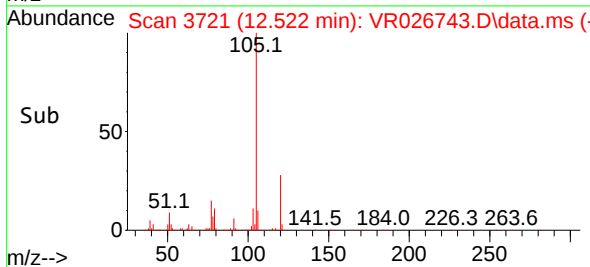
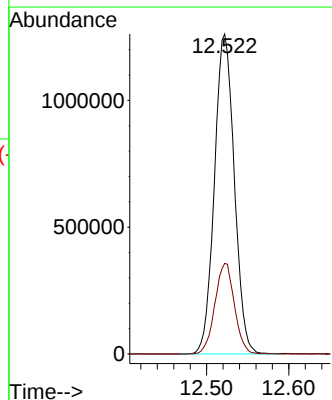
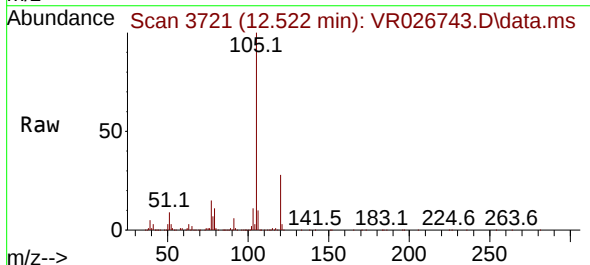
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

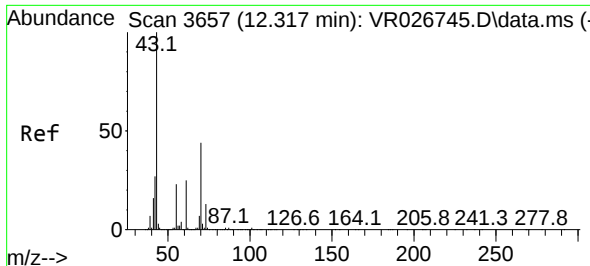
Tgt Ion:152 Resp: 902064
Ion Ratio Lower Upper
152 100
115 54.3 28.5 85.5
150 163.3 0.0 352.0



#72
Isopropylbenzene
Concen: 21.693 ug/l
RT: 12.522 min Scan# 3721
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion:105 Resp: 2124097
Ion Ratio Lower Upper
105 100
120 27.8 16.4 49.2

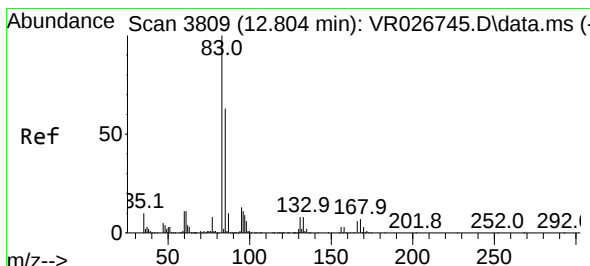
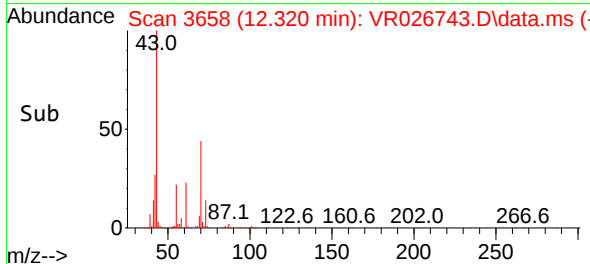
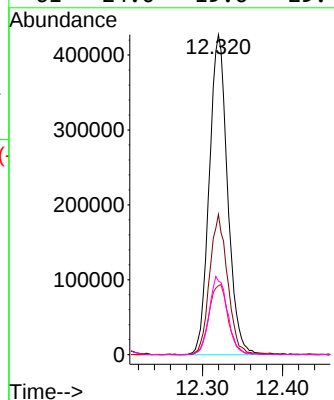
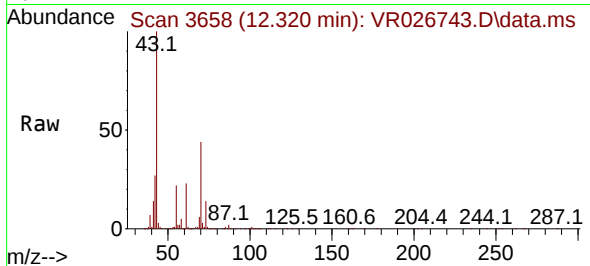




#73
N-ethyl acetate
Concen: 19.238 ug/l
RT: 12.320 min Scan# 3658
Delta R.T. 0.003 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

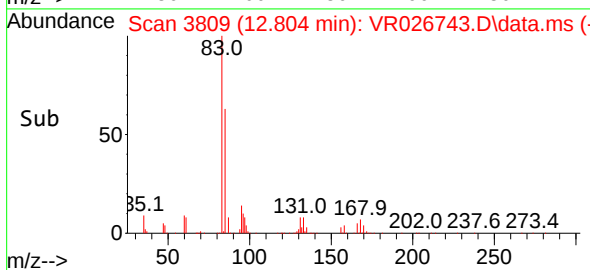
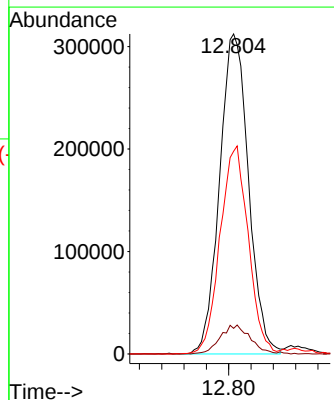
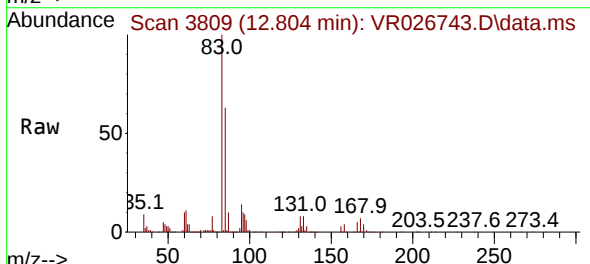
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

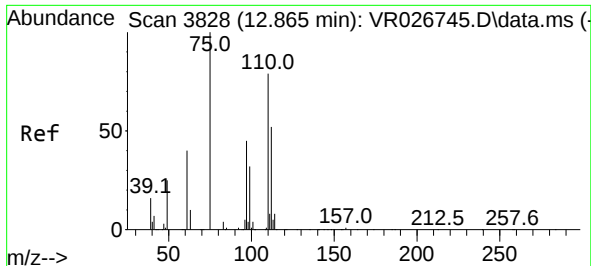
Tgt Ion: 43	Resp: 680082
Ion Ratio	Lower Upper
43 100	
70 43.2	34.1 51.1
55 23.2	18.1 27.1
61 24.0	19.6 29.4



#74
1,1,2,2-Tetrachloroethane
Concen: 20.022 ug/l
RT: 12.804 min Scan# 3809
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion: 83	Resp: 561206
Ion Ratio	Lower Upper
83 100	
131 9.4	4.6 13.8
85 63.5	31.7 95.1

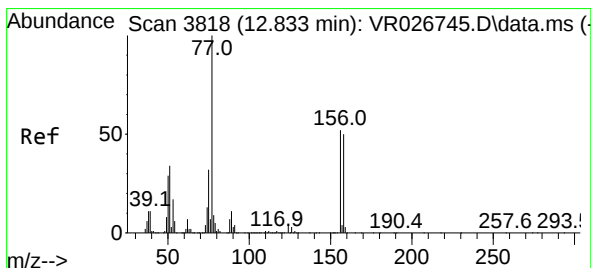
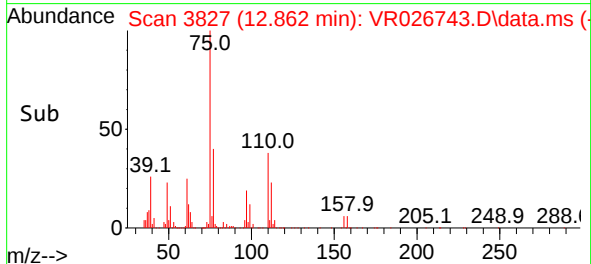
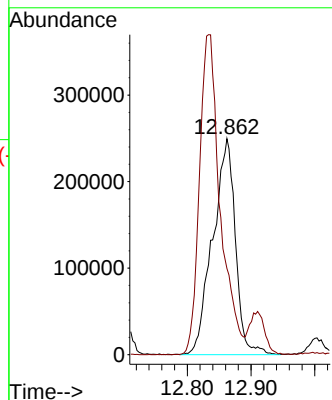
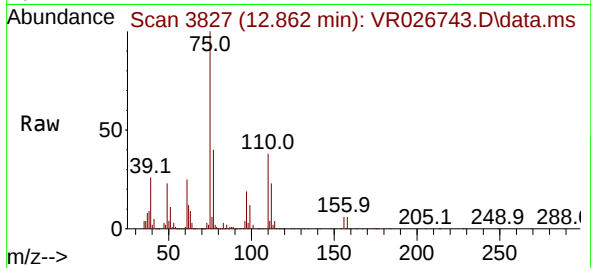




#75
1,2,3-Trichloropropane
Concen: 30.405 ug/l
RT: 12.862 min Scan# 3827
Delta R.T. -0.003 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

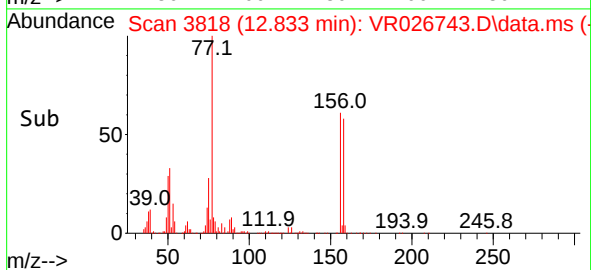
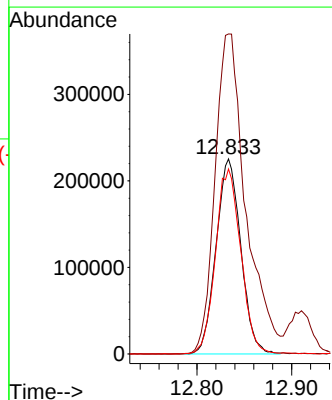
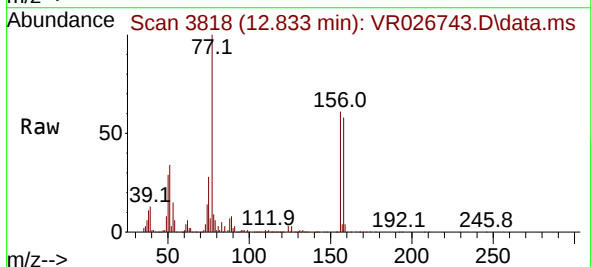
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020

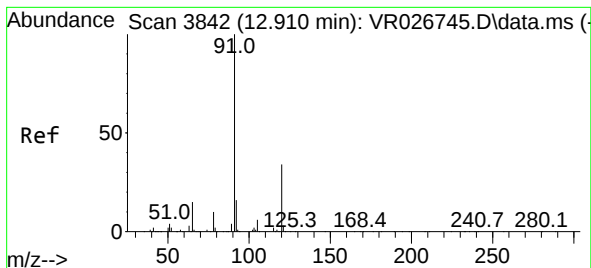
Tgt Ion: 75 Resp: 617308
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 19.077 ug/l
RT: 12.833 min Scan# 3818
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion:156 Resp: 408873
Ion Ratio Lower Upper
156 100
77 203.6 109.8 329.4
158 96.9 47.5 142.6





#77

n-propylbenzene

Concen: 21.816 ug/l

RT: 12.910 min Scan# 3842

Delta R.T. -0.000 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

Instrument :

MSVOA_R

ClientSampleId :

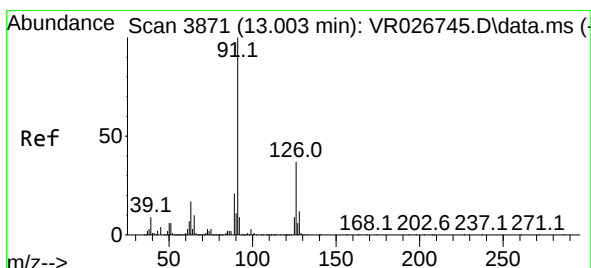
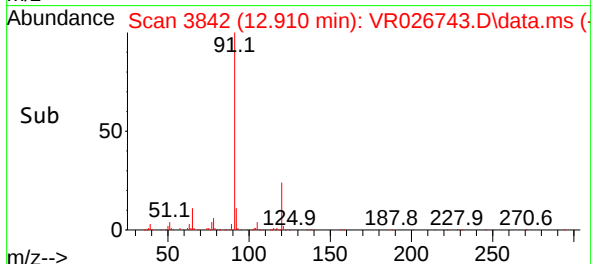
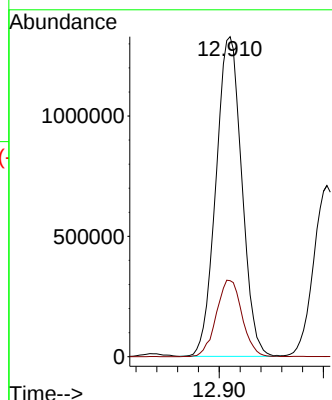
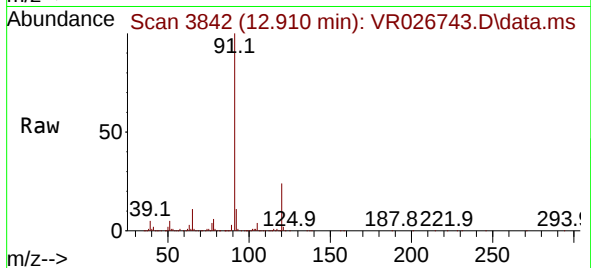
VSTDIC020

Tgt Ion: 91 Resp: 2290153

Ion Ratio Lower Upper

91 100

120 23.8 14.2 42.8



#78

2-Chlorotoluene

Concen: 20.043 ug/l

RT: 13.003 min Scan# 3871

Delta R.T. -0.000 min

Lab File: VR026743.D

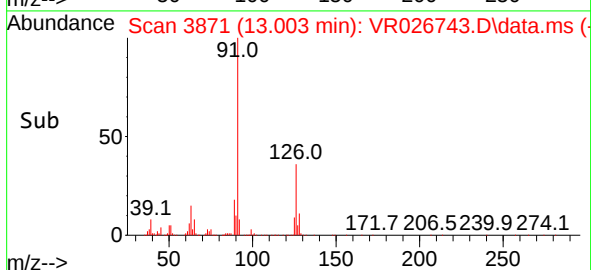
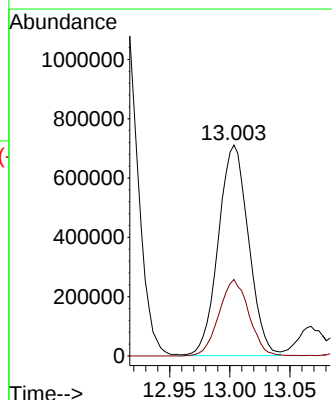
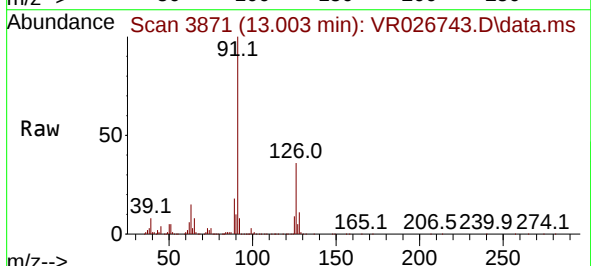
Acq: 20 Aug 2025 15:50

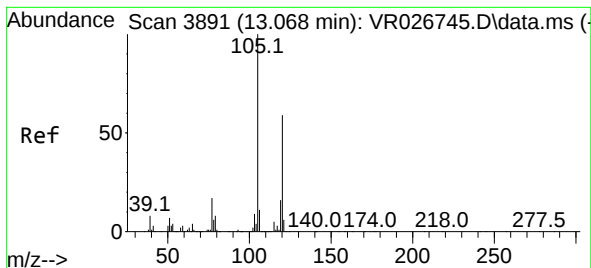
Tgt Ion: 91 Resp: 1242581

Ion Ratio Lower Upper

91 100

126 36.0 18.0 54.0





#79

1,3,5-Trimethylbenzene

Concen: 20.698 ug/l

RT: 13.071 min Scan# 3891

Delta R.T. 0.003 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

Instrument :

MSVOA_R

ClientSampleId :

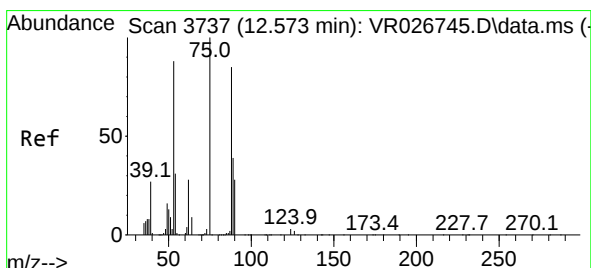
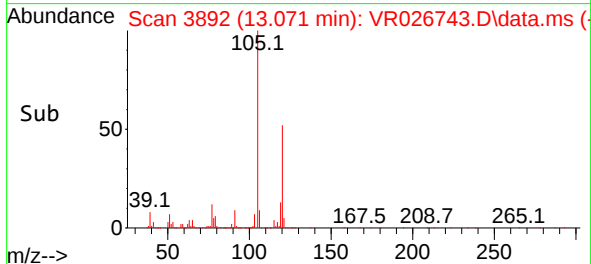
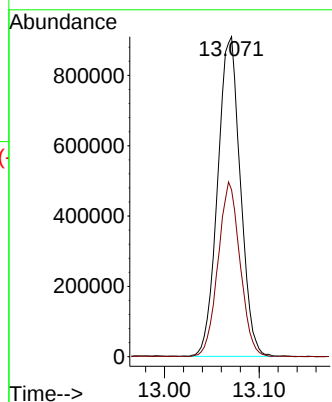
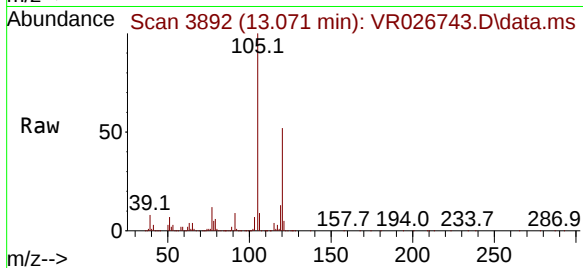
VSTDIC020

Tgt Ion:105 Resp: 1513432

Ion Ratio Lower Upper

105 100

120 52.9 27.8 83.4



#80

trans-1,4-Dichloro-2-butene

Concen: 18.783 ug/l

RT: 12.577 min Scan# 3738

Delta R.T. 0.004 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

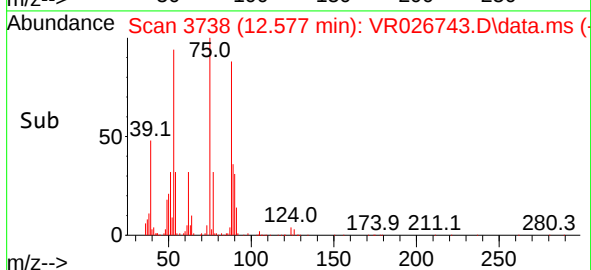
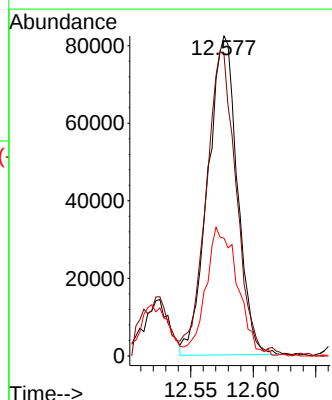
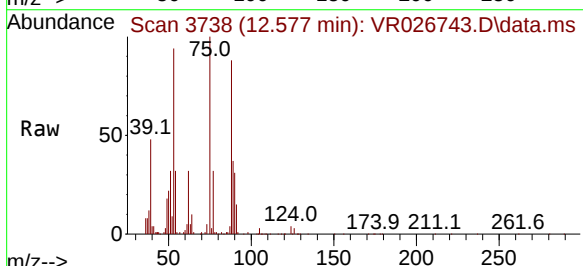
Tgt Ion: 75 Resp: 135123

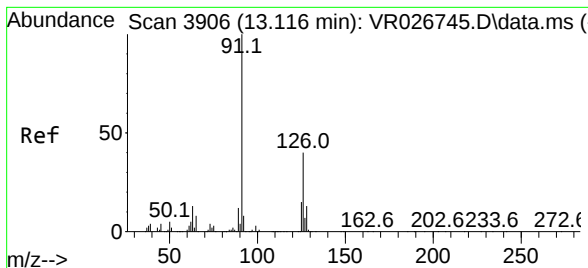
Ion Ratio Lower Upper

75 100

53 94.2 70.9 106.3

89 43.1 33.4 50.0

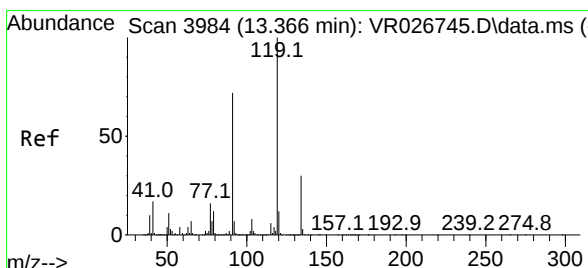
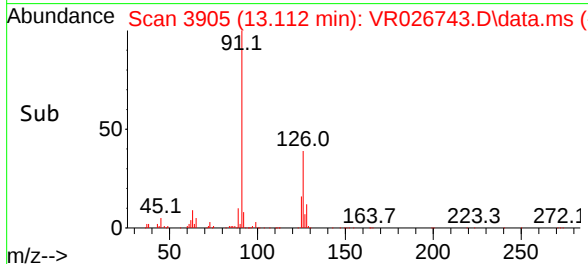
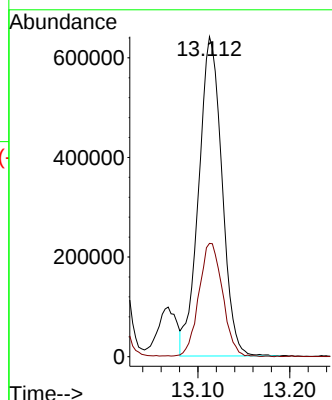
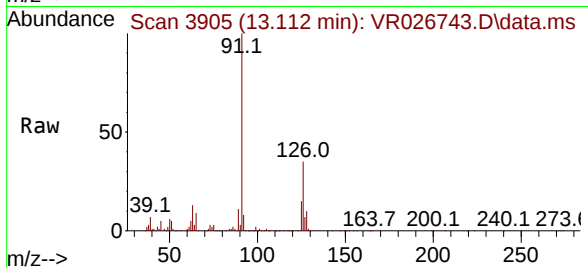




#81
4-Chlorotoluene
Concen: 19.830 ug/l
RT: 13.112 min Scan# 3906
Delta R.T. -0.003 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

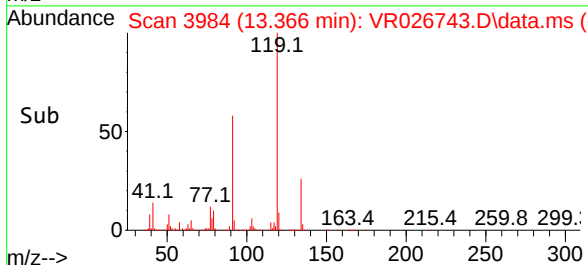
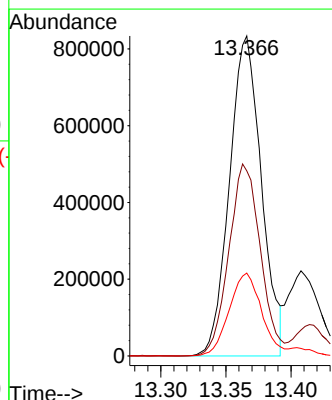
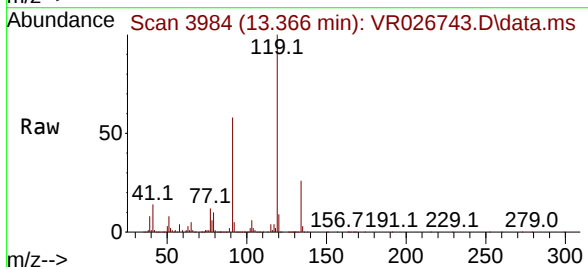
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

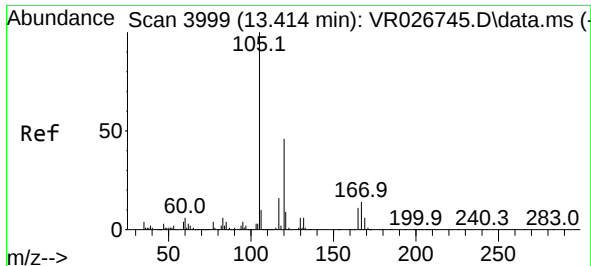
Tgt Ion: 91 Resp: 1126437
Ion Ratio Lower Upper
91 100
126 36.1 18.2 54.6



#82
tert-Butylbenzene
Concen: 20.832 ug/l
RT: 13.366 min Scan# 3984
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion: 119 Resp: 1424102
Ion Ratio Lower Upper
119 100
91 59.4 33.5 100.5
134 26.5 14.9 44.9

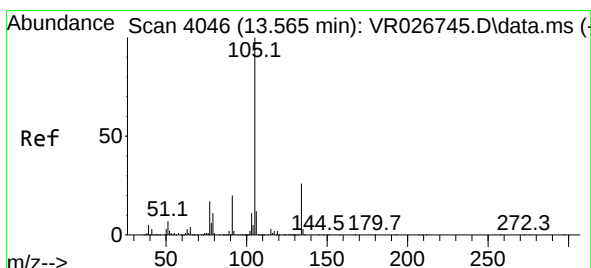
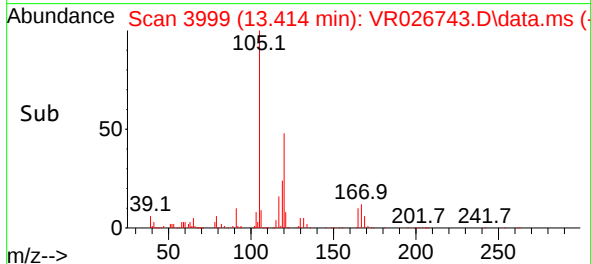
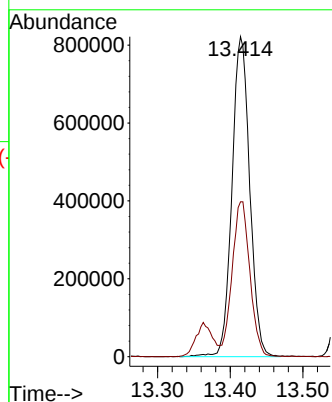
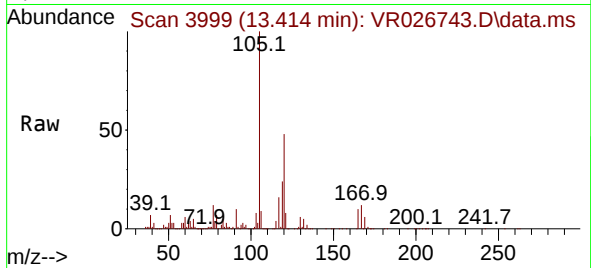




#83
1,2,4-Trimethylbenzene
Concen: 20.908 ug/l
RT: 13.414 min Scan# 3999
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

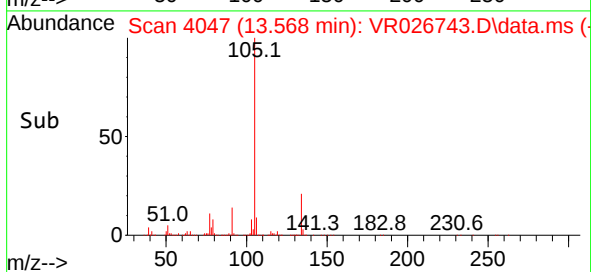
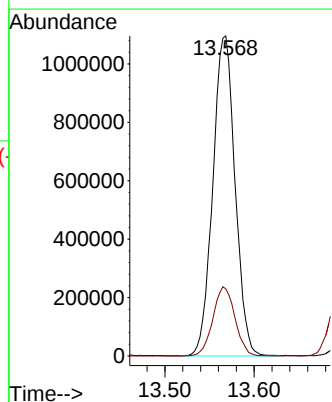
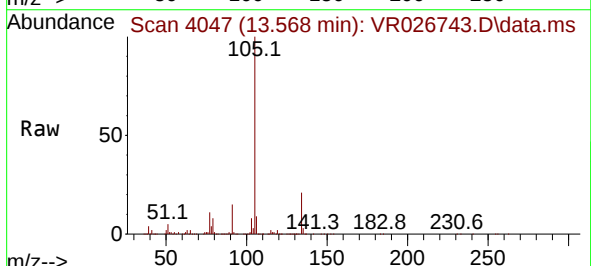
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

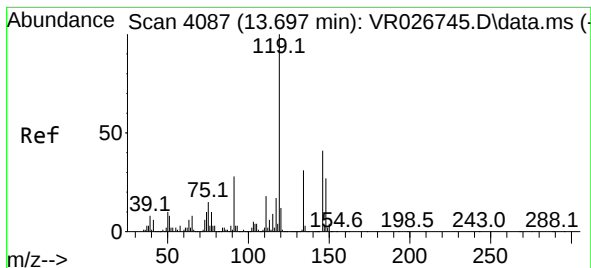
Tgt Ion:105 Resp: 1394023
Ion Ratio Lower Upper
105 100
120 48.5 25.3 75.9



#84
sec-Butylbenzene
Concen: 21.566 ug/l
RT: 13.568 min Scan# 4047
Delta R.T. 0.003 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion:105 Resp: 1896269
Ion Ratio Lower Upper
105 100
134 21.4 11.6 34.7





#85

p-Isopropyltoluene

Concen: 20.981 ug/l

RT: 13.697 min Scan# 4087

Delta R.T. -0.000 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC020

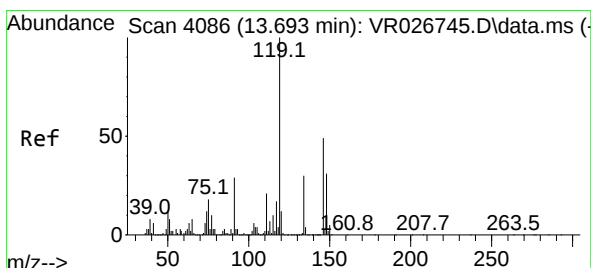
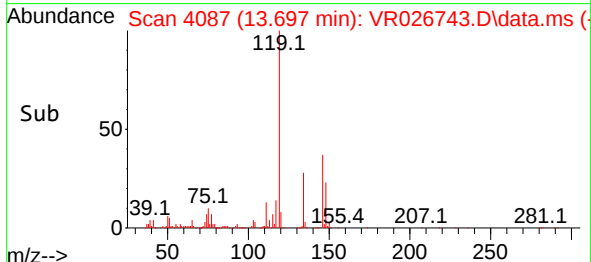
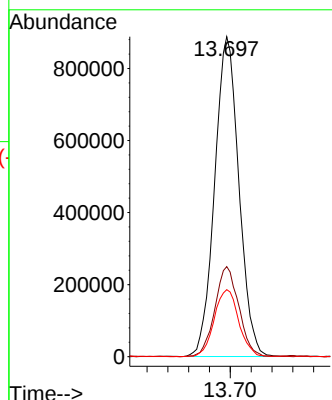
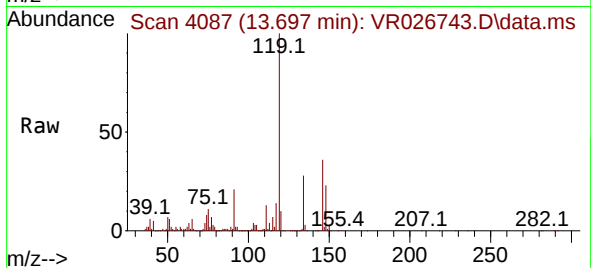
Tgt Ion:119 Resp: 1433545

Ion Ratio Lower Upper

119 100

134 27.8 14.4 43.2

91 21.3 12.7 38.0



#86

1,3-Dichlorobenzene

Concen: 19.375 ug/l

RT: 13.690 min Scan# 4085

Delta R.T. -0.003 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

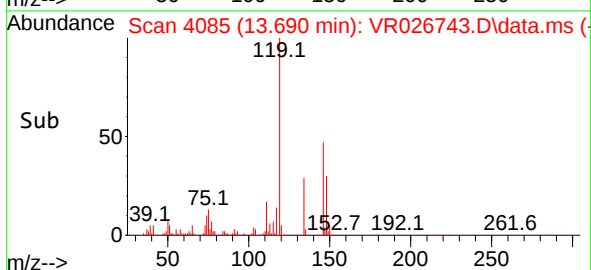
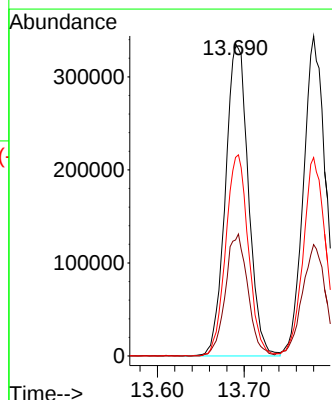
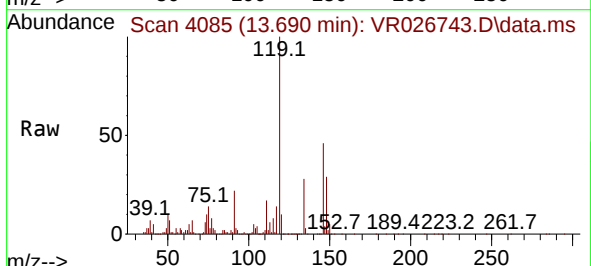
Tgt Ion:146 Resp: 616714

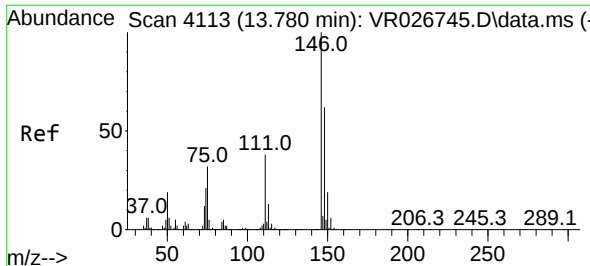
Ion Ratio Lower Upper

146 100

111 38.1 20.9 62.7

148 63.6 31.8 95.3

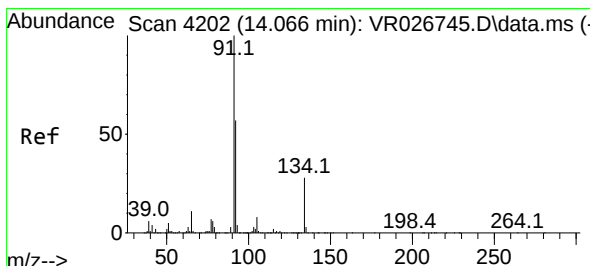
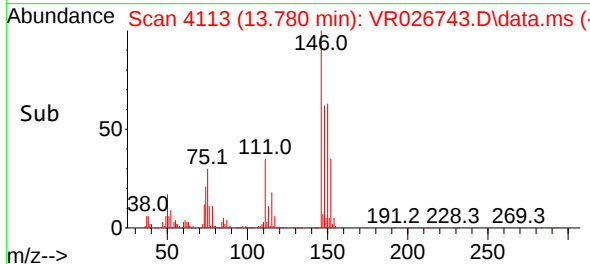
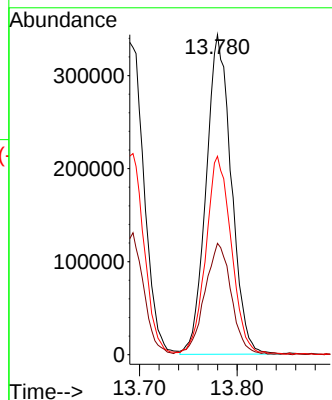
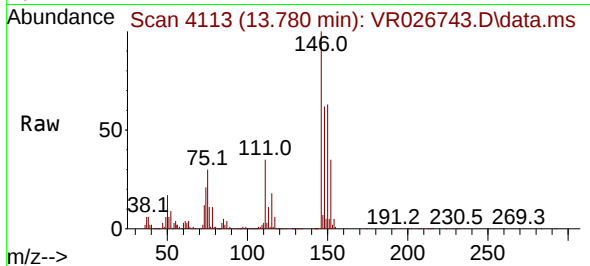




#87
1,4-Dichlorobenzene
Concen: 20.082 ug/l
RT: 13.780 min Scan# 4113
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

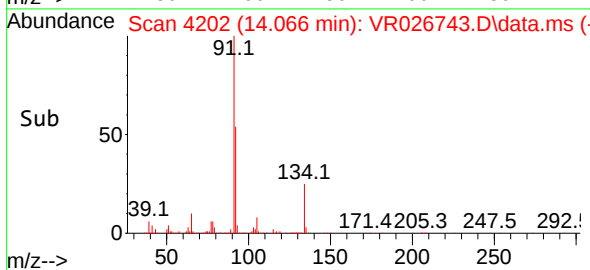
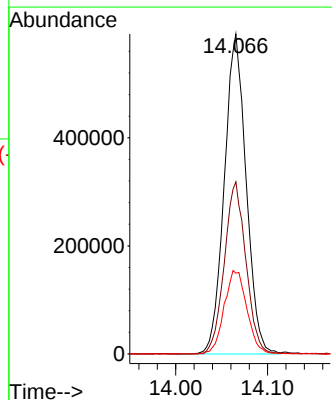
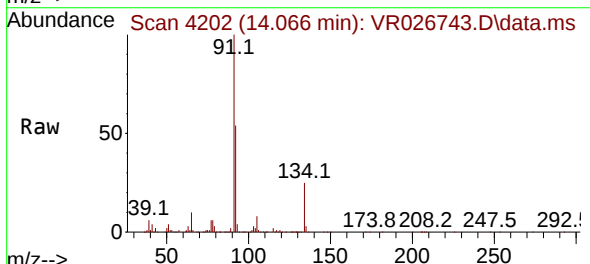
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

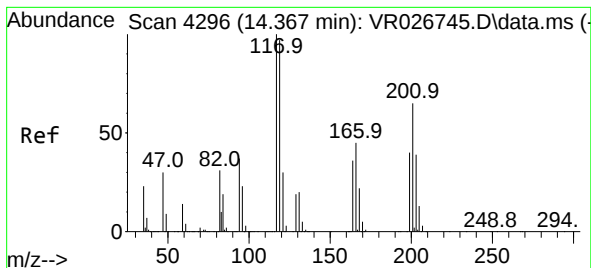
Tgt Ion:146 Resp: 615832
Ion Ratio Lower Upper
146 100
111 36.5 18.6 55.6
148 62.9 31.5 94.5



#88
n-Butylbenzene
Concen: 20.000 ug/l
RT: 14.066 min Scan# 4202
Delta R.T. -0.000 min
Lab File: VR026743.D
Acq: 20 Aug 2025 15:50

Tgt Ion: 91 Resp: 976406
Ion Ratio Lower Upper
91 100
92 53.3 27.7 83.0
134 27.2 13.5 40.5





#89

Hexachloroethane

Concen: 20.678 ug/l

RT: 14.367 min Scan# 4296

Delta R.T. 0.000 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

Instrument :

MSVOA_R

ClientSampleId :

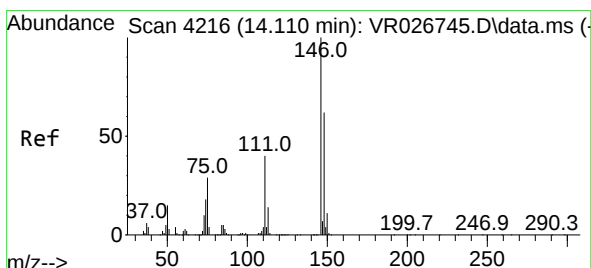
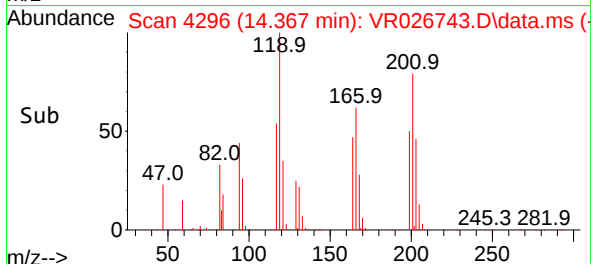
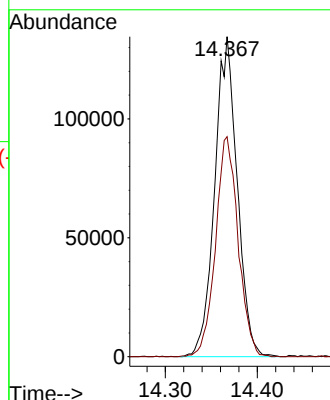
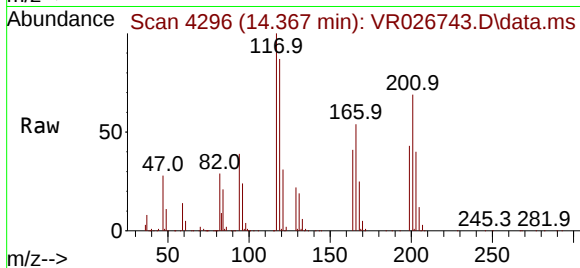
VSTDIC020

Tgt Ion:117 Resp: 229168

Ion Ratio Lower Upper

117 100

201 68.8 33.3 99.9



#90

1,2-Dichlorobenzene

Concen: 19.256 ug/l

RT: 14.110 min Scan# 4216

Delta R.T. 0.000 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

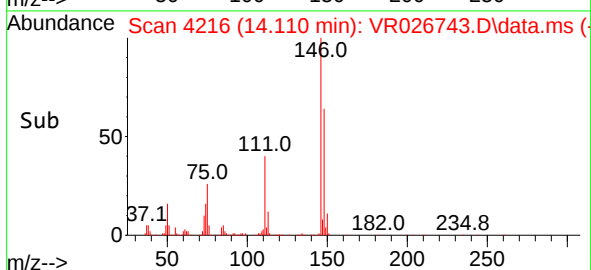
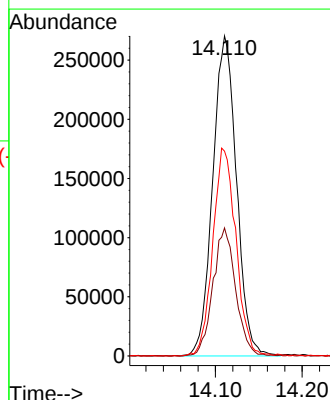
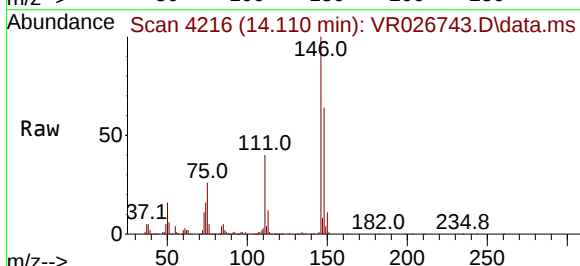
Tgt Ion:146 Resp: 514744

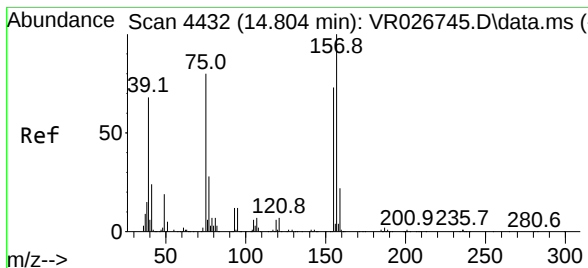
Ion Ratio Lower Upper

146 100

111 38.1 19.9 59.7

148 63.2 31.5 94.5

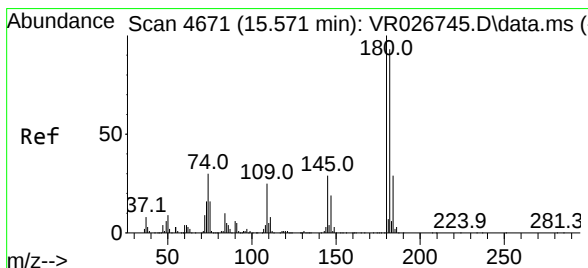
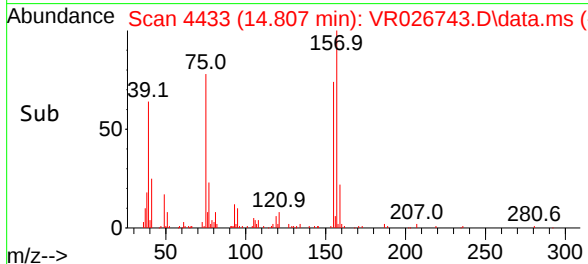
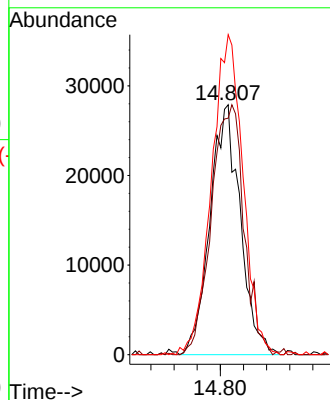
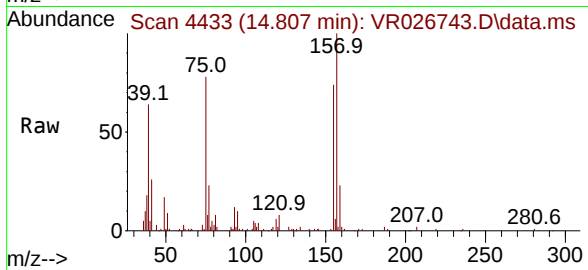




#91
 1,2-Dibromo-3-Chloropropane
 Concen: 21.681 ug/l
 RT: 14.807 min Scan# 4433
 Delta R.T. 0.003 min
 Lab File: VR026743.D
 Acq: 20 Aug 2025 15:50

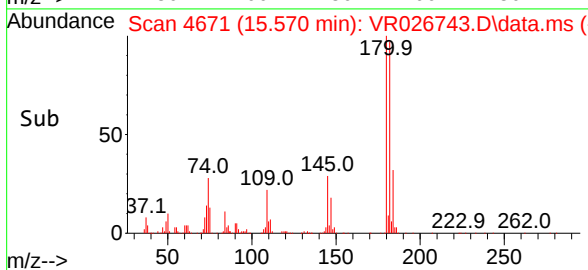
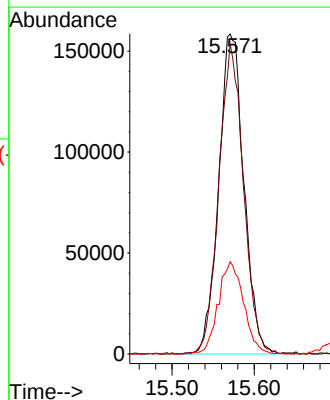
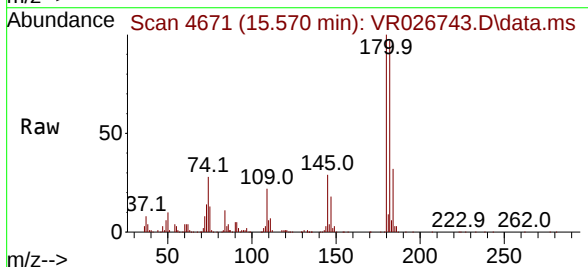
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC020

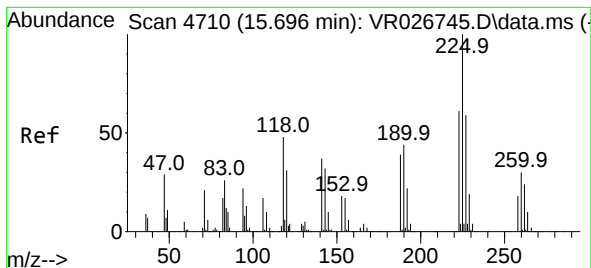
Tgt Ion: 75 Resp: 50564
 Ion Ratio Lower Upper
 75 100
 155 107.7 48.4 145.3
 157 133.2 62.3 186.8



#92
 1,2,4-Trichlorobenzene
 Concen: 19.201 ug/l
 RT: 15.570 min Scan# 4671
 Delta R.T. -0.000 min
 Lab File: VR026743.D
 Acq: 20 Aug 2025 15:50

Tgt Ion: 180 Resp: 337231
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.1 141.4
 145 29.0 14.4 43.4





#93

Hexachlorobutadiene

Concen: 18.844 ug/l

RT: 15.699 min Scan# 4710

Delta R.T. 0.003 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC020

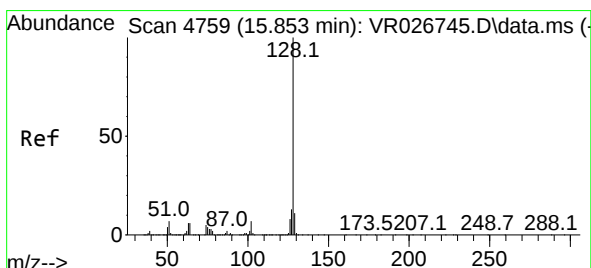
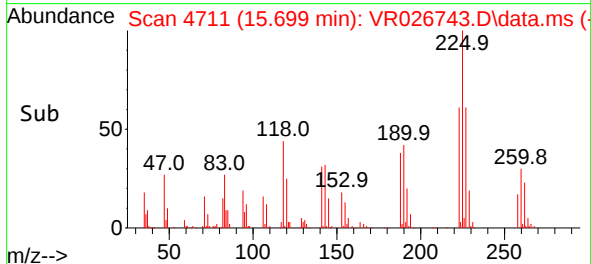
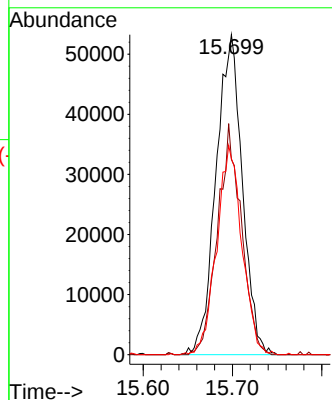
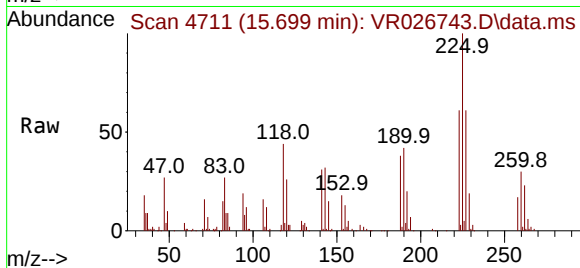
Tgt Ion:225 Resp: 109088

Ion Ratio Lower Upper

225 100

223 65.5 31.5 94.5

227 62.9 31.3 93.8



#94

Naphthalene

Concen: 19.458 ug/l

RT: 15.853 min Scan# 4759

Delta R.T. -0.000 min

Lab File: VR026743.D

Acq: 20 Aug 2025 15:50

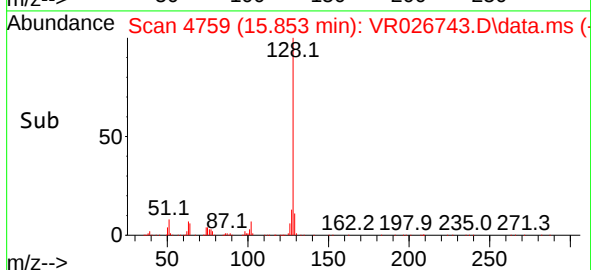
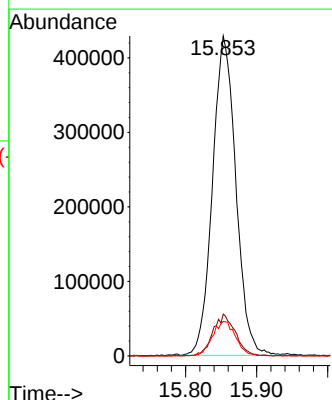
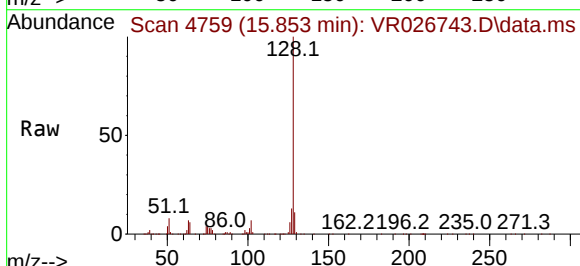
Tgt Ion:128 Resp: 977175

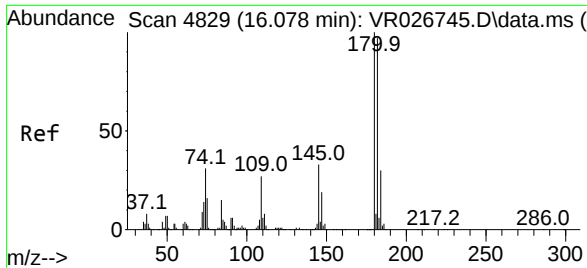
Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 10.8 8.7 13.1





#95
 1,2,3-Trichlorobenzene
 Concen: 19.279 ug/l
 RT: 16.081 min Scan# 4830
 Delta R.T. 0.003 min
 Lab File: VR026743.D
 Acq: 20 Aug 2025 15:50

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC020

Tgt Ion:	180	Resp:	328549
Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.5	142.6
145	30.5	15.6	46.8

