

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009895.D
 Acq On : 09 Aug 2022 01:10
 Operator : KP/MD
 Sample : N3963-11
 Misc : 3.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-216

Quant Time: Aug 09 02:20:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	56056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	113450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	112302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52546	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	27528	64.383	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.760%
35) Dibromofluoromethane	7.709	113	25332	41.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.260%
50) Toluene-d8	10.178	98	92622	49.595	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.477	95	30008	34.897	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.800%

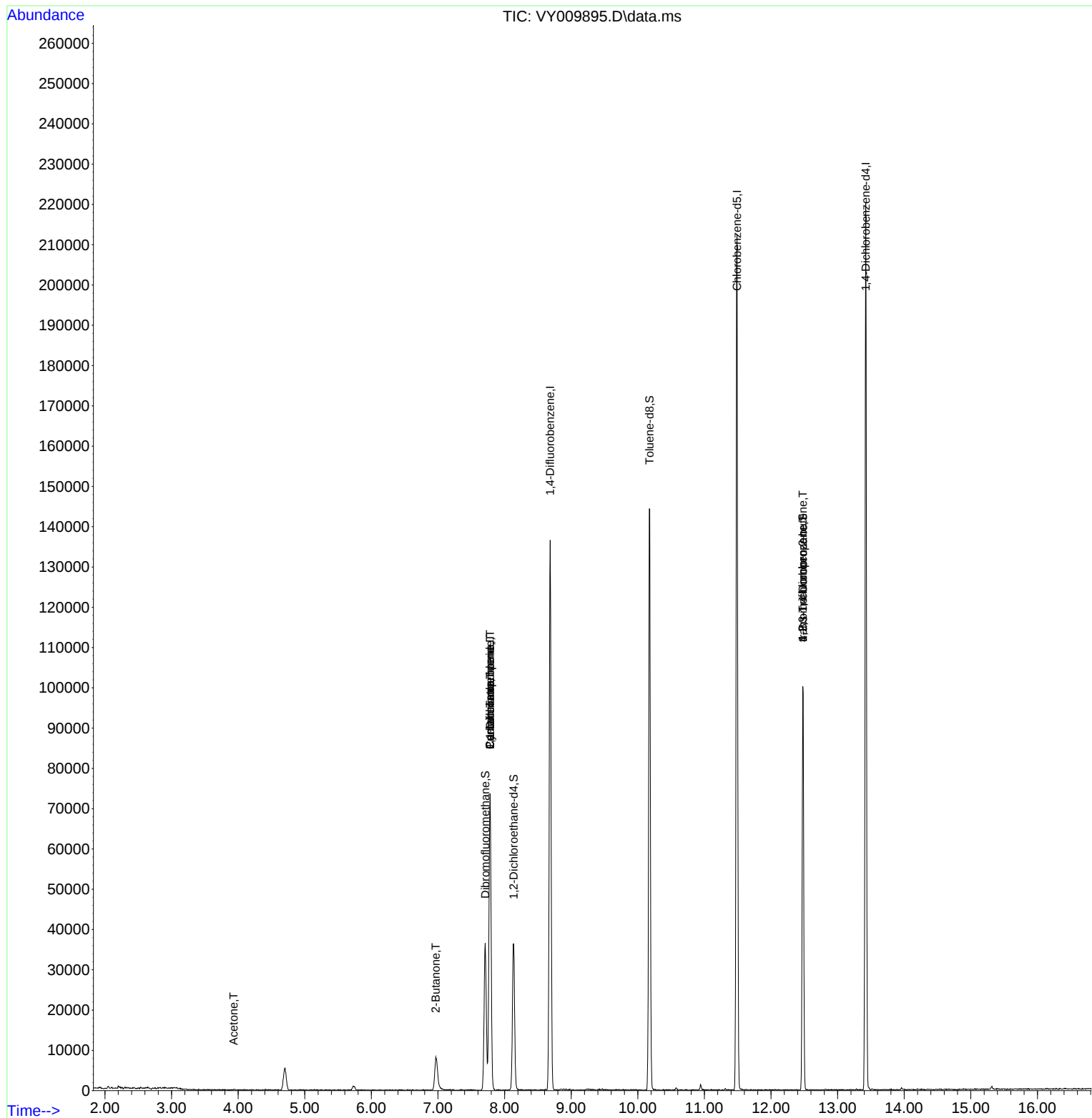
Target Compounds					Qvalue	
16) Acetone	3.929	43	177	1.119	ug/l #	45
18) Methyl Acetate	4.478	43	204	Below Cal	#	52
20) Methylene Chloride	4.698	84	4016	Below Cal		93
25) 2-Butanone	6.966	43	502	1.928	ug/l #	48
31) Cyclohexane	7.782	56	1455	1.337	ug/l #	18
36) 1,1-Dichloropropene	7.782	75	4608	4.434	ug/l #	48
38) Carbon Tetrachloride	7.782	117	5624	5.453	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	15529	27.012	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	15529	54.611	ug/l #	13

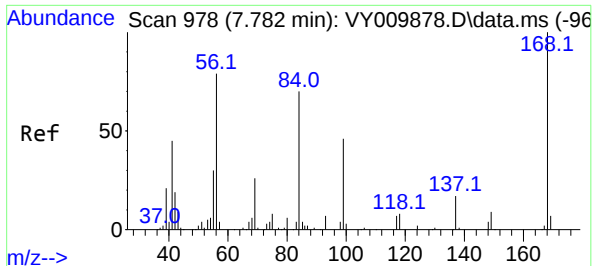
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
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MSVOA_Y
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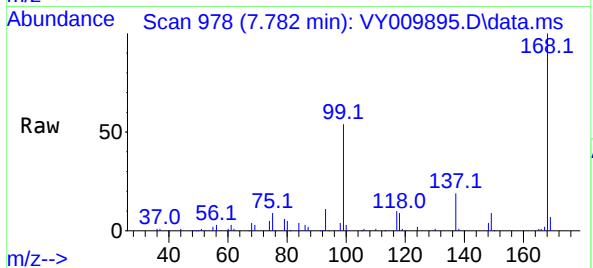
Quant Time: Aug 09 02:20:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
Response via : Initial Calibration



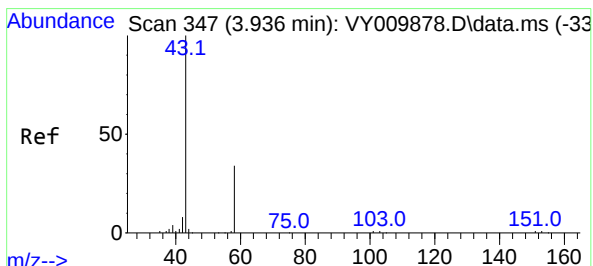
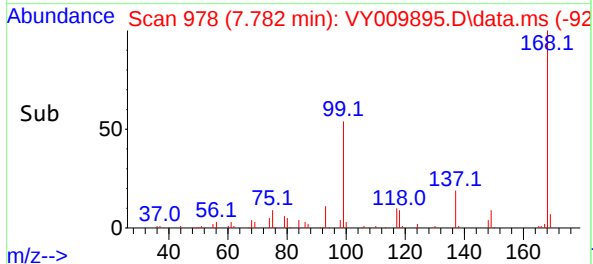
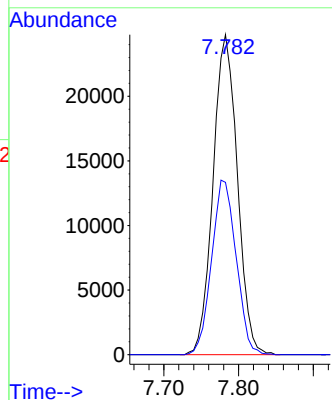


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009895.D
Acq: 09 Aug 2022 01:10

Instrument :
MSVOA_Y
ClientSampleId :
RVE-216

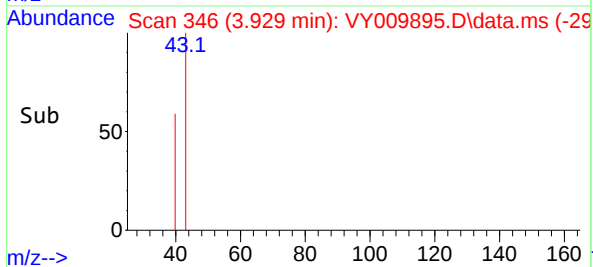
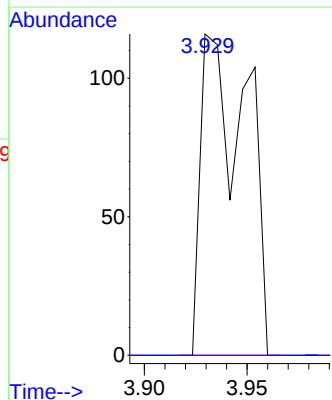
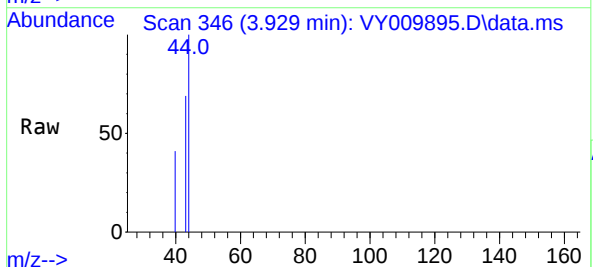


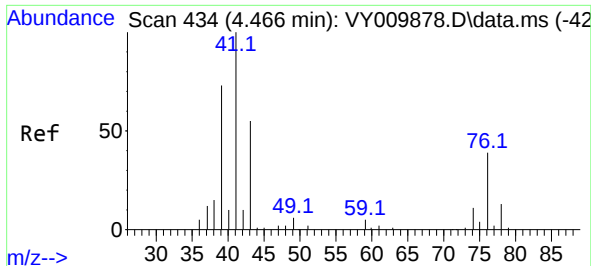
Tgt Ion:168 Resp: 56056
Ion Ratio Lower Upper
168 100
99 53.8 42.1 63.1



#16
Acetone
Concen: 1.119 ug/l
RT: 3.929 min Scan# 346
Delta R.T. -0.007 min
Lab File: VY009895.D
Acq: 09 Aug 2022 01:10

Tgt Ion: 43 Resp: 177
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#

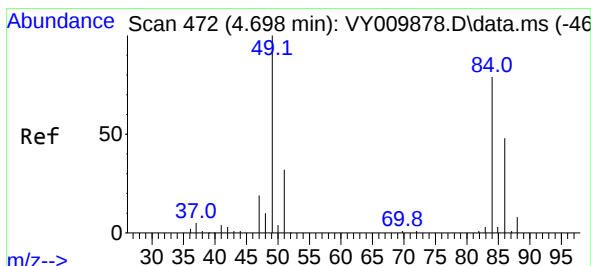
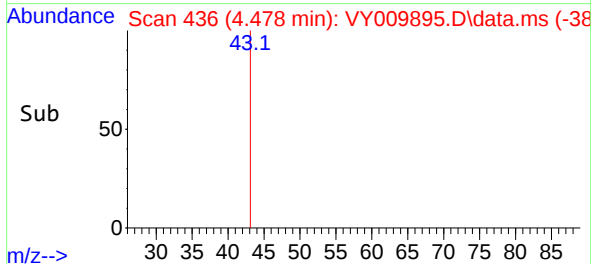
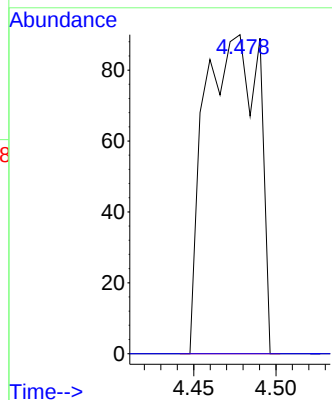
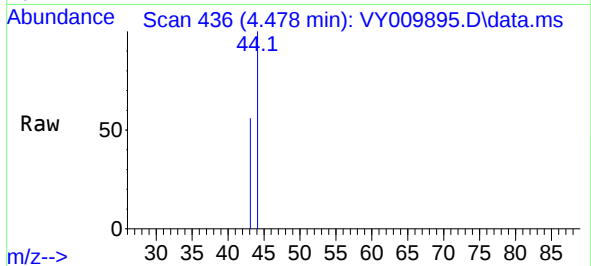




#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY009895.D
Acq: 09 Aug 2022 01:10

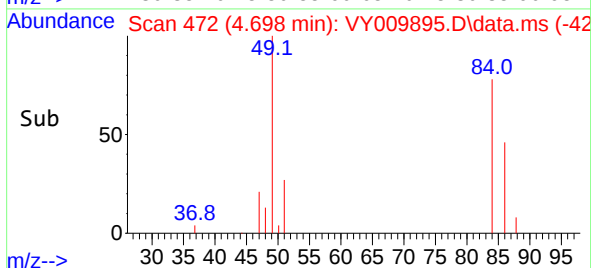
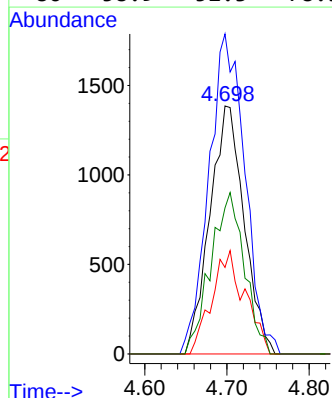
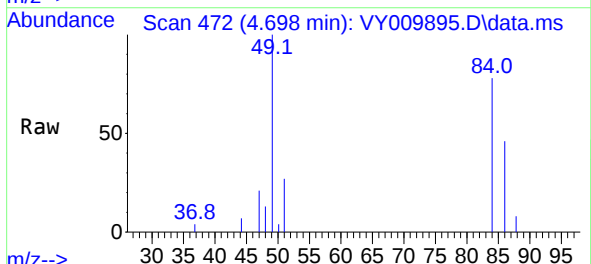
Instrument :
MSVOA_Y
ClientSampleId :
RVE-216

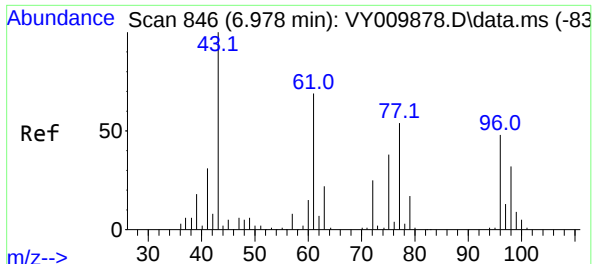
Tgt Ion: 43 Resp: 204
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY009895.D
Acq: 09 Aug 2022 01:10

Tgt Ion: 84 Resp: 4016
Ion Ratio Lower Upper
84 100
49 129.0 98.2 147.4
51 34.8 33.4 50.0
86 58.9 52.3 78.5

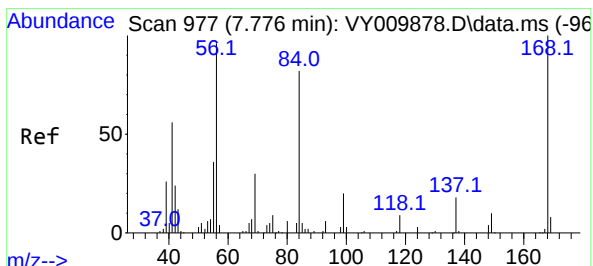
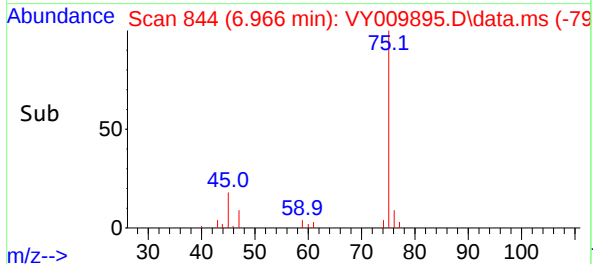
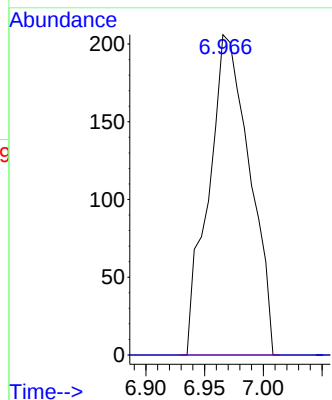
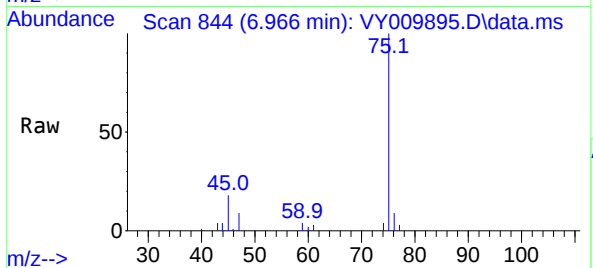




#25
2-Butanone
Concen: 1.928 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY009895.D
Acq: 09 Aug 2022 01:10

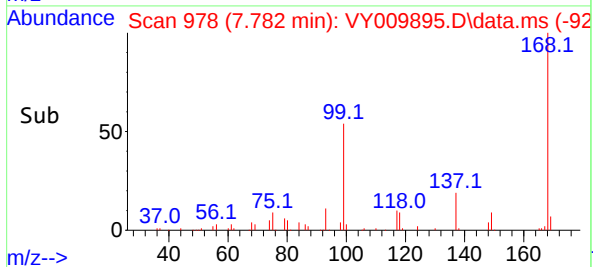
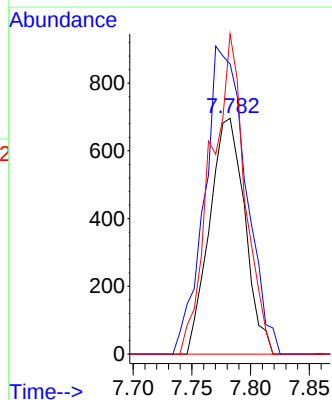
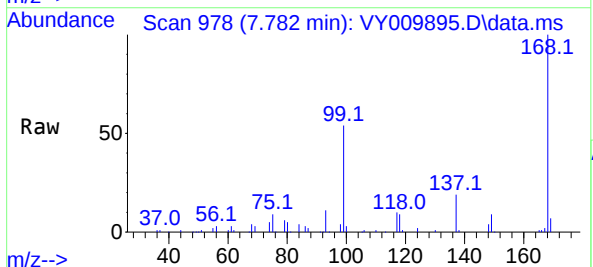
Instrument :
MSVOA_Y
ClientSampleId :
RVE-216

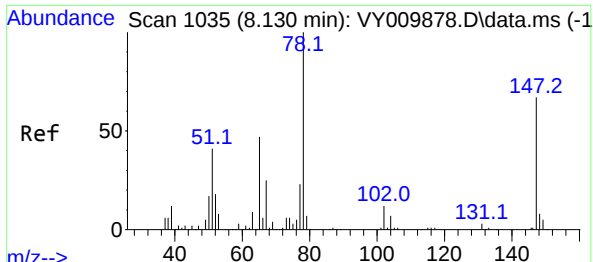
Tgt Ion: 43 Resp: 502
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#



#31
Cyclohexane
Concen: 1.337 ug/l
RT: 7.782 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY009895.D
Acq: 09 Aug 2022 01:10

Tgt Ion: 56 Resp: 1455
Ion Ratio Lower Upper
56 100
69 123.0 26.0 39.0#
84 135.8 69.5 104.3#





#33

1,2-Dichloroethane-d4

Concen: 64.383 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY009895.D

Acq: 09 Aug 2022 01:10

Instrument :

MSVOA_Y

ClientSampleId :

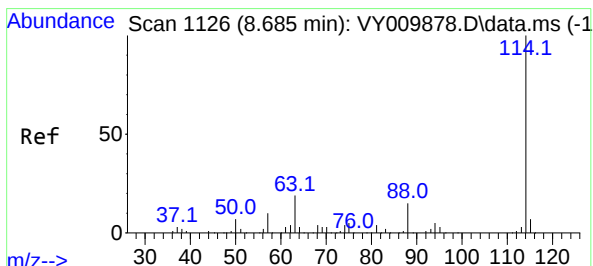
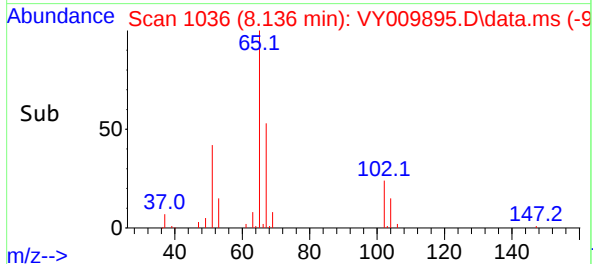
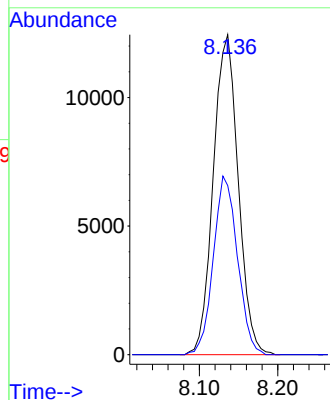
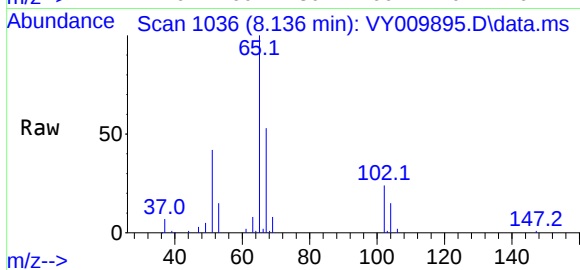
RVE-216

Tgt Ion: 65 Resp: 27528

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009895.D

Acq: 09 Aug 2022 01:10

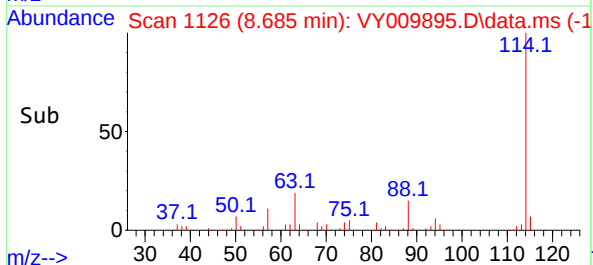
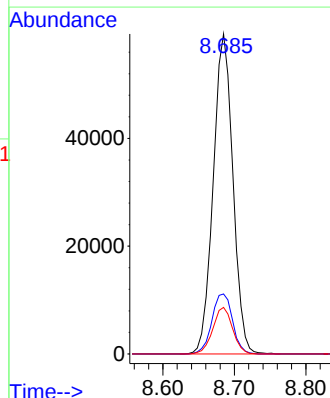
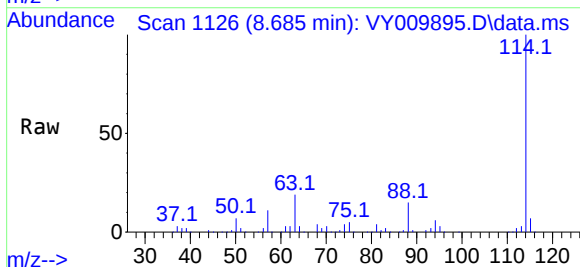
Tgt Ion: 114 Resp: 113450

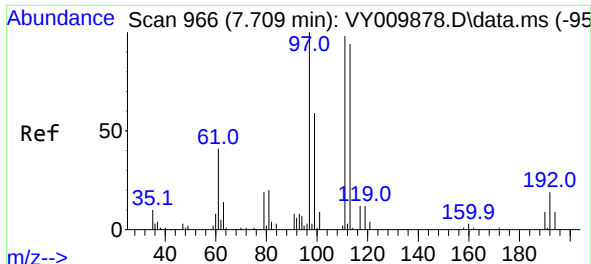
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.0

88 14.6 0.0 30.0

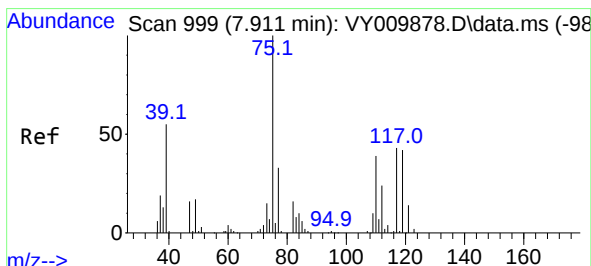
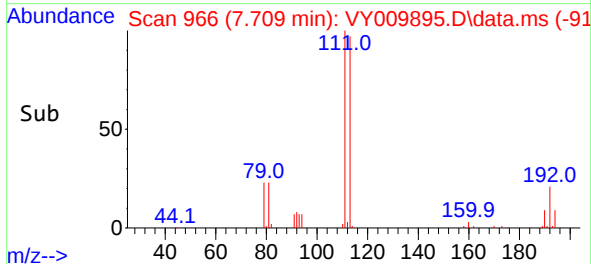
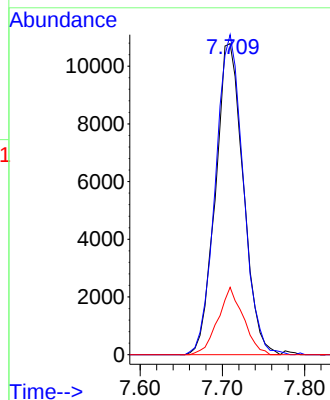
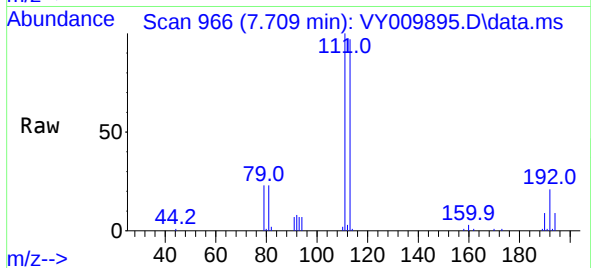




#35
Dibromofluoromethane
Concen: 41.133 ug/l
RT: 7.709 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009895.D
Acq: 09 Aug 2022 01:10

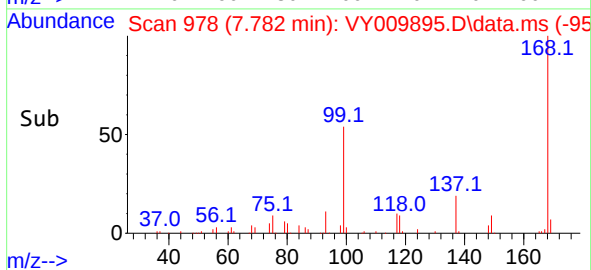
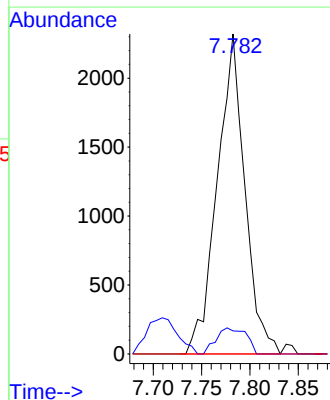
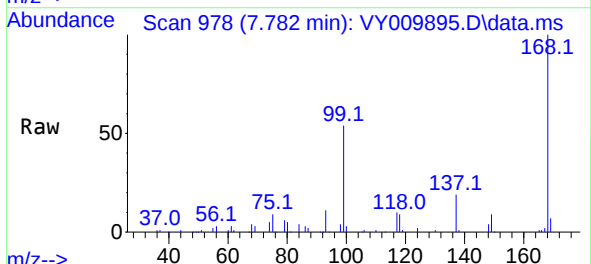
Instrument :
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RVE-216

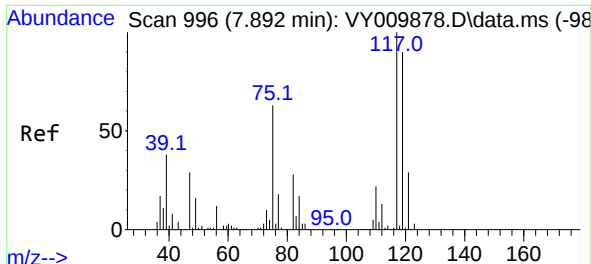
Tgt Ion:113 Resp: 25332
Ion Ratio Lower Upper
113 100
111 102.8 80.6 120.8
192 19.8 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.434 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.129 min
Lab File: VY009895.D
Acq: 09 Aug 2022 01:10

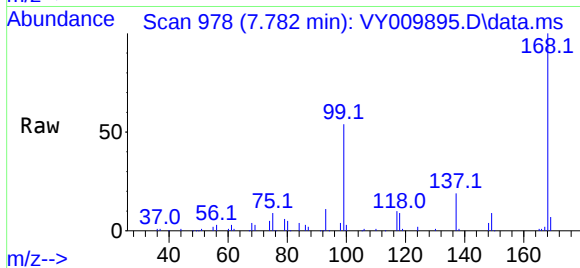
Tgt Ion: 75 Resp: 4608
Ion Ratio Lower Upper
75 100
110 8.8 18.6 56.0#
77 0.0 25.0 37.4#



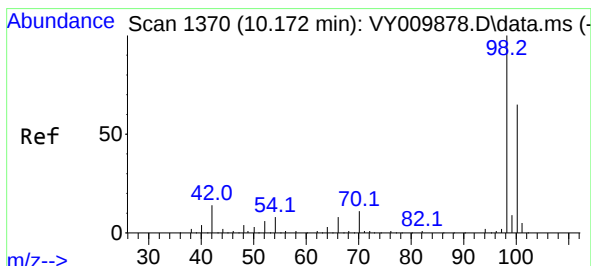
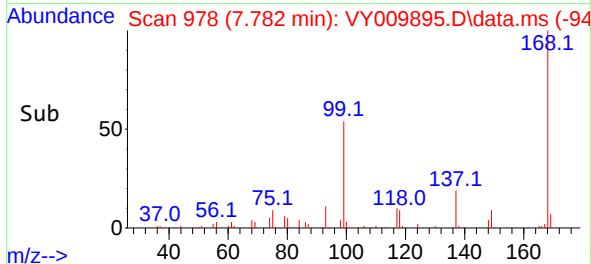
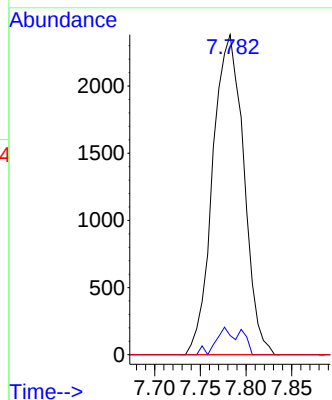


#38
Carbon Tetrachloride
Concen: 5.453 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009895.D
Acq: 09 Aug 2022 01:10

Instrument :
MSVOA_Y
ClientSampleId :
RVE-216

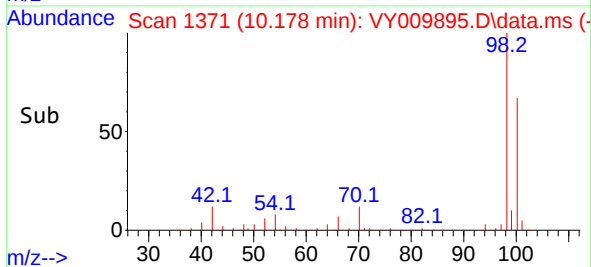
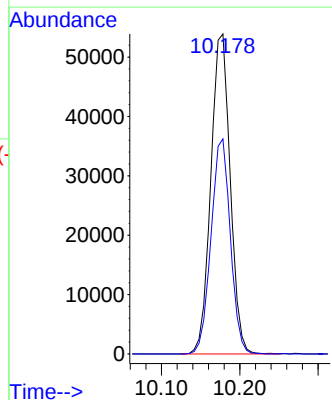
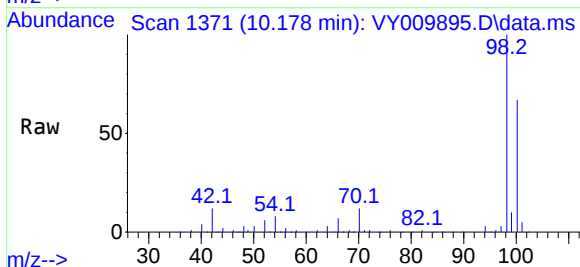


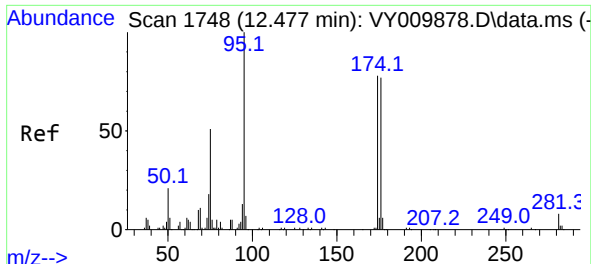
Tgt Ion:117 Resp: 5624
Ion Ratio Lower Upper
117 100
119 6.0 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 49.595 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009895.D
Acq: 09 Aug 2022 01:10

Tgt Ion: 98 Resp: 92622
Ion Ratio Lower Upper
98 100
100 67.0 52.9 79.3

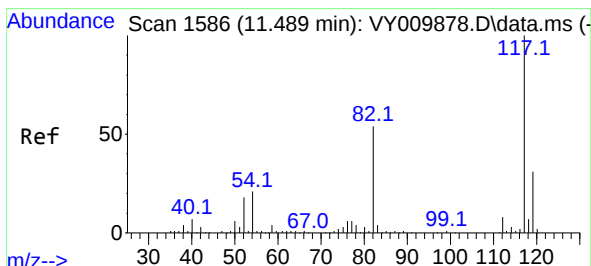
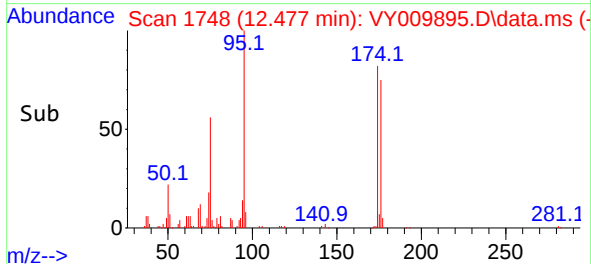
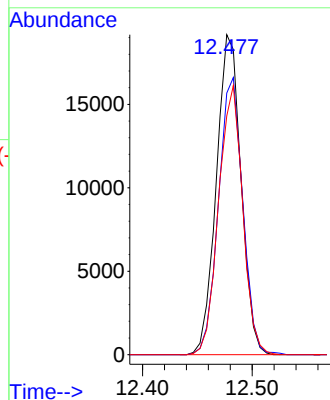
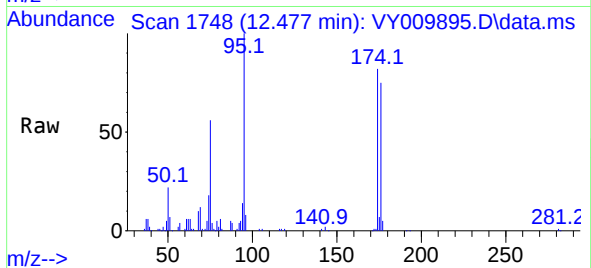




#62
4-Bromofluorobenzene
Concen: 34.897 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009895.D
Acq: 09 Aug 2022 01:10

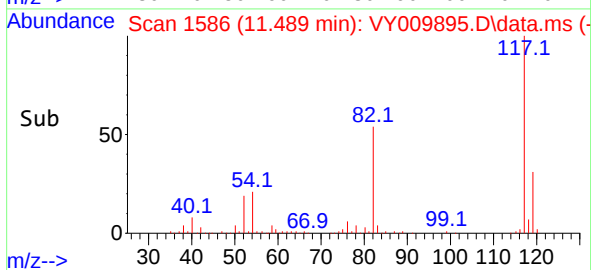
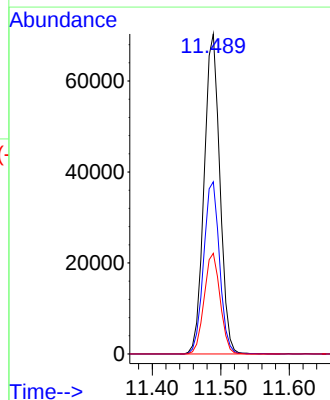
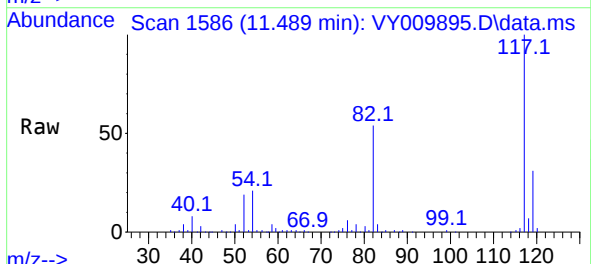
Instrument :
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RVE-216

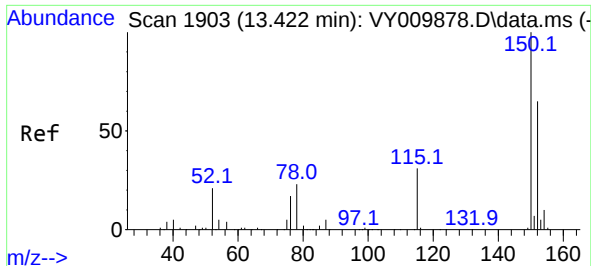
Tgt Ion:	95	Resp:	30008
Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	173.8
176	81.7	0.0	167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009895.D
Acq: 09 Aug 2022 01:10

Tgt Ion:	117	Resp:	112302
Ion	Ratio	Lower	Upper
117	100		
82	53.8	41.8	62.6
119	31.4	25.6	38.4

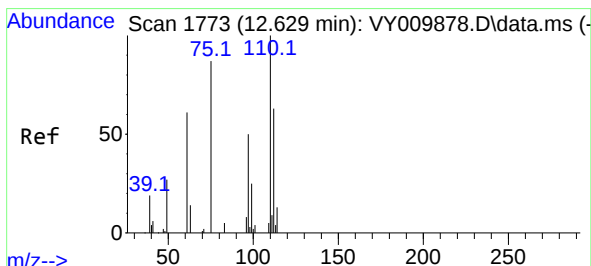
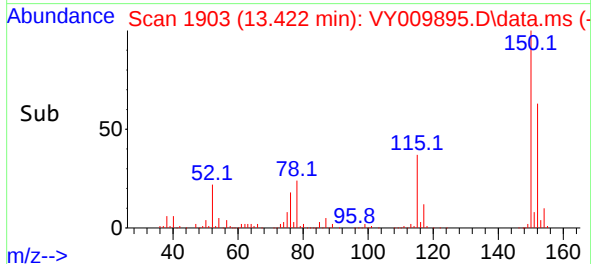
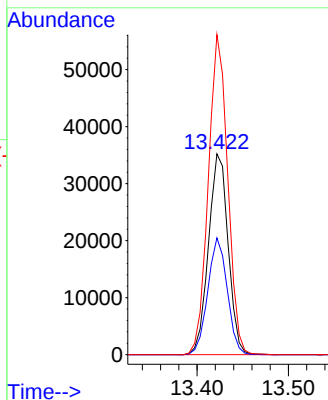
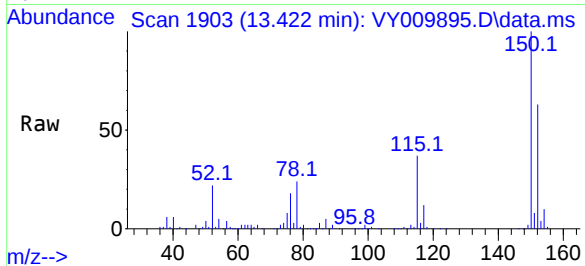




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009895.D
Acq: 09 Aug 2022 01:10

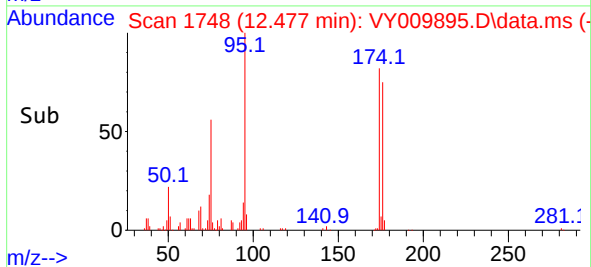
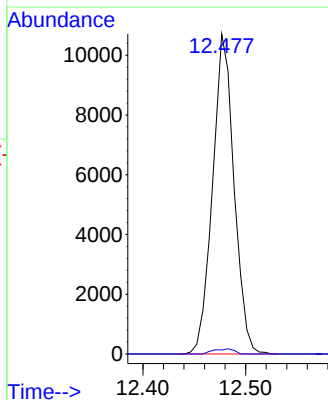
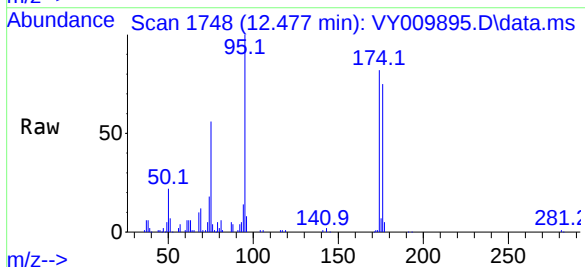
Instrument :
MSVOA_Y
ClientSampleId :
RVE-216

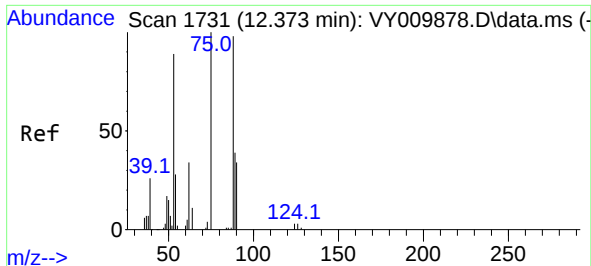
Tgt Ion:152 Resp: 52546
Ion Ratio Lower Upper
152 100
115 57.5 28.6 85.9
150 157.2 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 27.012 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009895.D
Acq: 09 Aug 2022 01:10

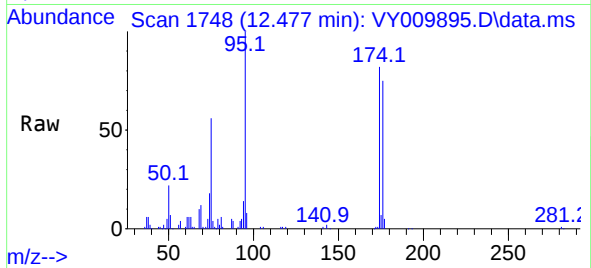
Tgt Ion: 75 Resp: 15529
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.611 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009895.D
 Acq: 09 Aug 2022 01:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-216



Tgt Ion:	75	Resp:	15529
Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.4	107.2#
89	0.0	38.1	57.1#

