

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076693.D
 Acq On : 03 Jul 2023 15:35
 Operator : KP/SY
 Sample : 03472-13RE
 Misc : 5.90G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46S5RE

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/05/2023
 Supervised By : Mahesh Dadoda 07/07/2023

Quant Time: Jul 04 01:11:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	206668	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	194358	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	92842	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	25292	5.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	20.120%#
7) Chloroethane-d5	2.793	69	31978	7.858	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	31.440%
11) 1,1-Dichloroethene-d2	3.911	65	10289	7.832	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	31.320%#
21) 2-Butanone-d5	6.987	46	45938	60.268	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.540%
24) Chloroform-d	7.563	84	84603	15.538	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	62.160%
26) 1,2-Dichloroethane-d4	8.228	65	48956	18.226	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.920%
32) Benzene-d6	8.199	84	123221	10.364	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	41.440%
36) 1,2-Dichloropropane-d6	9.210	67	52467	13.825	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	55.320%#
41) Toluene-d8	10.269	98	108358	9.843	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	39.360%
43) trans-1,3-Dichloroprop...	10.522	79	22104	14.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	56.000%
47) 2-Hexanone-d5	10.875	63	32358	54.928	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.860%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	62095	22.999	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	13.810	152	48929	14.378	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	57.520%#
Target Compounds						Qvalue
5) Vinyl chloride	2.281	62	48900	8.467	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	71707	26.474	ug/L	97
14) Carbon disulfide	4.269	76	9739	1.002	ug/L #	92
17) trans-1,2-Dichloroethene	5.316	96	3848m	1.287	ug/L	
19) 1,1-Dichloroethane	6.105	63	52571	9.616	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	412475	123.510	ug/L	98
27) 1,2-Dichloroethane	8.328	62	7096	2.163	ug/L #	86
30) 1,1,1-Trichloroethane	7.793	97	187175	41.455	ug/L	99
34) Trichloroethene	9.022	95	18523	5.606	ug/L	85
46) Tetrachloroethene	10.810	164	100266	38.597	ug/L	95
65) 1,4-Dichlorobenzene	13.534	146	2461	0.386	ug/L #	86
67) 1,2-Dichlorobenzene	13.828	146	104913	18.641	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	3216	0.858	ug/L #	90

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

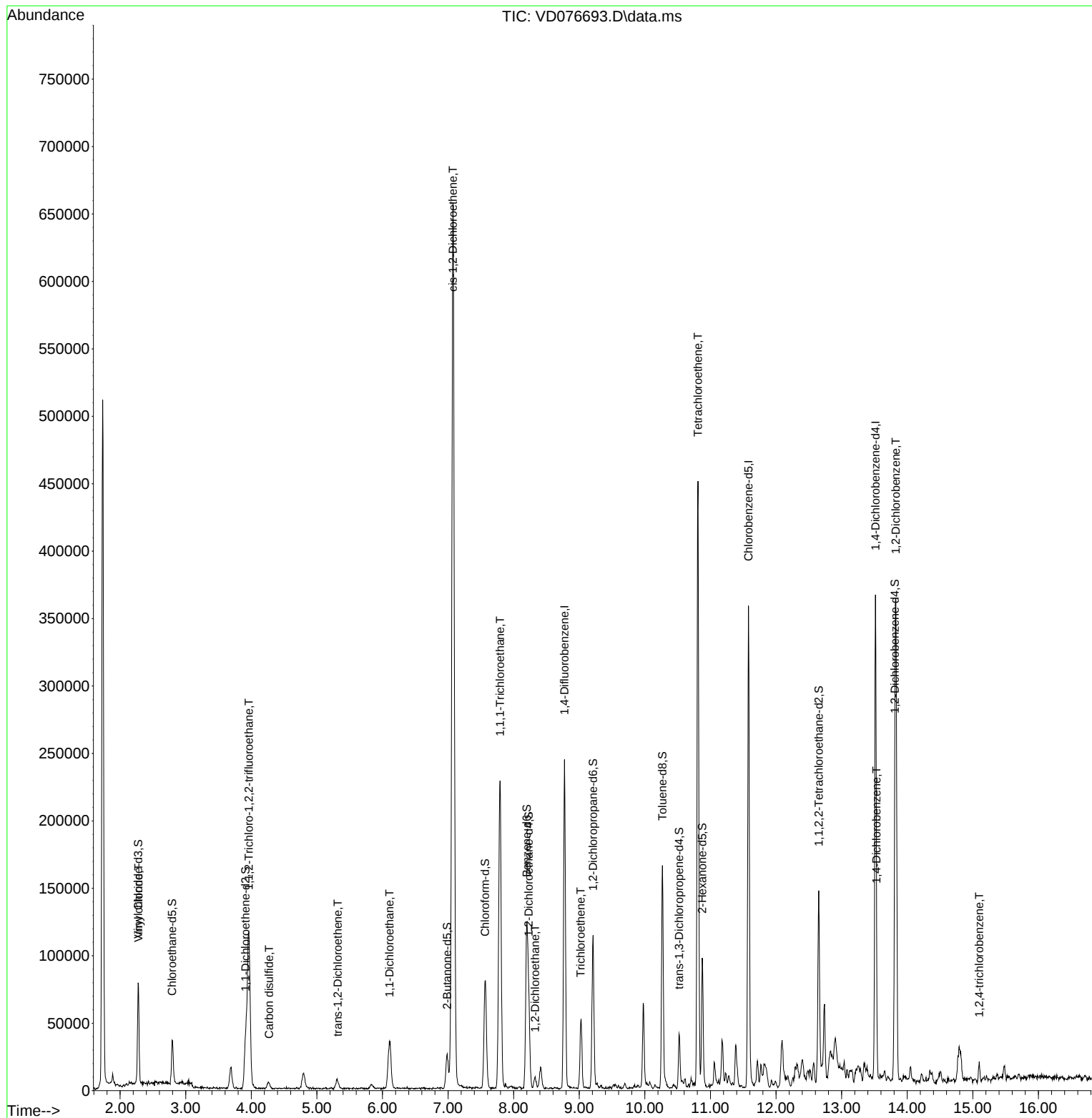
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076693.D
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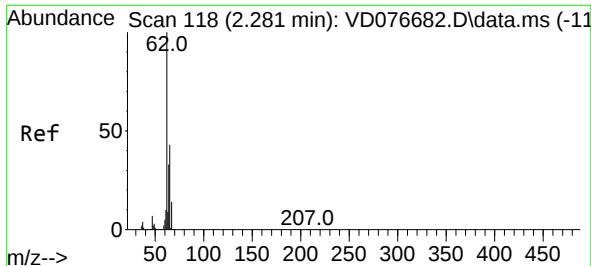
Instrument :
MSVOA_D
ClientSampleId :
A46S5RE

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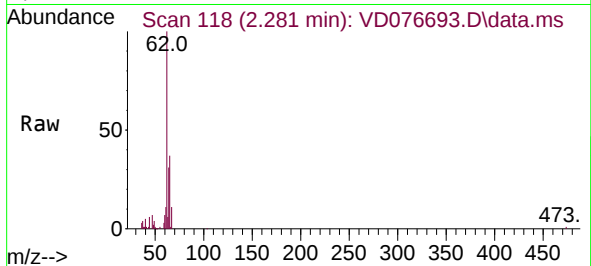
Quant Time: Jul 04 01:11:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 8.467 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD076693.D
 Acq: 03 Jul 2023 15:35

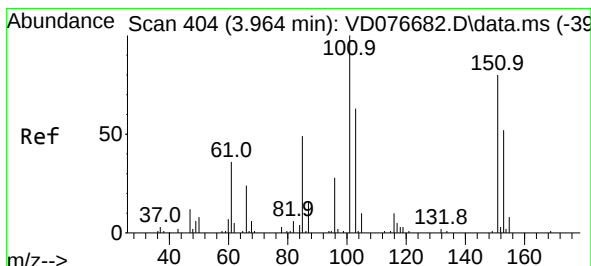
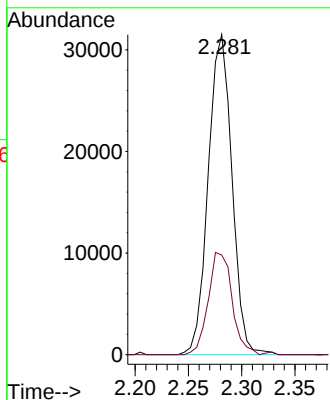
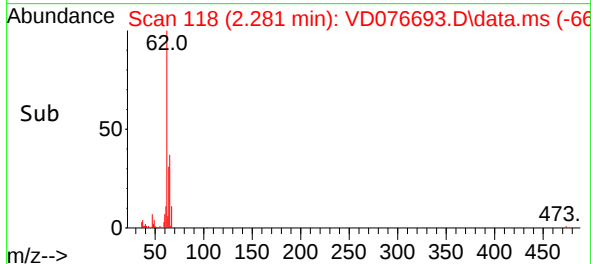
Instrument :
 MSVOA_D
 ClientSampleId :
 A46S5RE



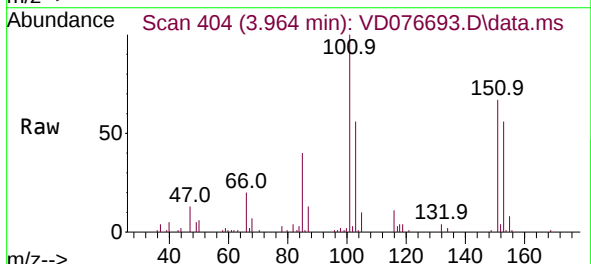
Tgt Ion: 62 Resp: 48900
 Ion Ratio Lower Upper
 62 100
 64 31.1 21.1 39.1

Manual Integrations
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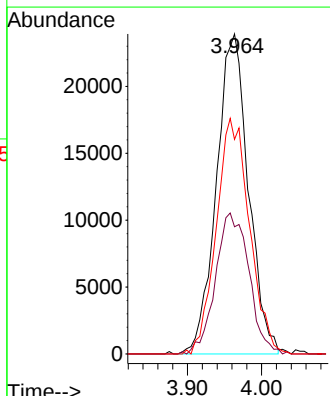
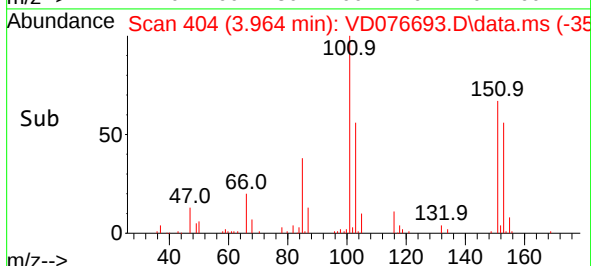
Reviewed By :Semsettin Yesilyurt 07/05/2023
 Supervised By :Mahesh Dadoda 07/07/2023

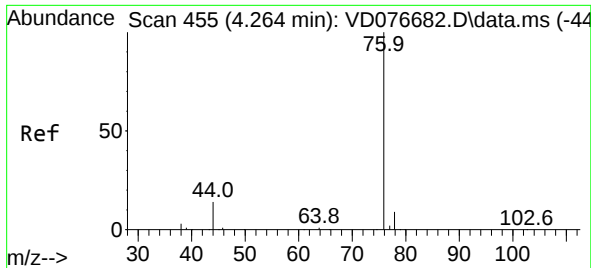


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.474 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. 0.006 min
 Lab File: VD076693.D
 Acq: 03 Jul 2023 15:35



Tgt Ion:101 Resp: 71707
 Ion Ratio Lower Upper
 101 100
 85 45.8 35.5 53.3
 151 76.3 58.6 87.8





#14

Carbon disulfide

Concen: 1.002 ug/L

RT: 4.269 min Scan# 4

Delta R.T. 0.006 min

Lab File: VD076693.D

Acq: 03 Jul 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

A46S5RE

Tgt Ion: 76 Resp: 9739

Ion Ratio Lower Upper

76 100

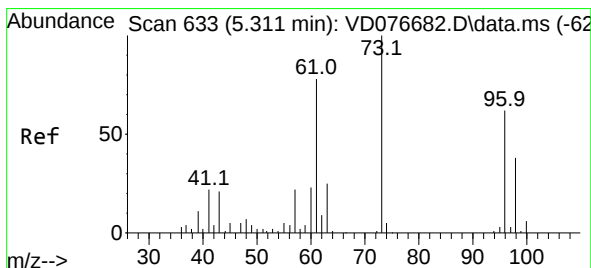
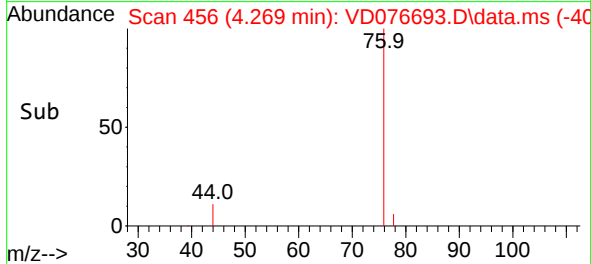
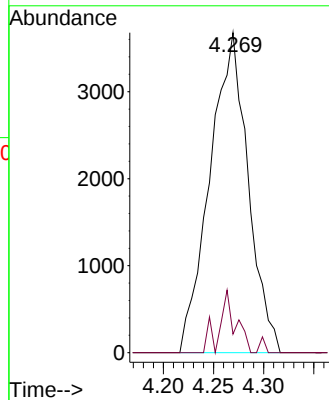
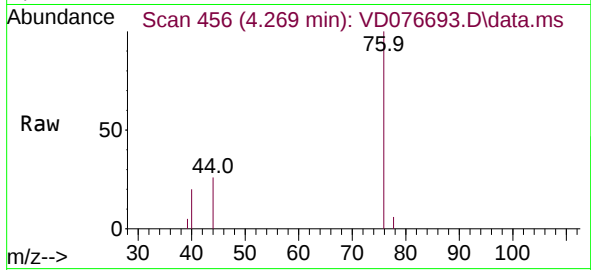
78 5.8 7.0 10.4

Manual Integrations

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#17

trans-1,2-Dichloroethene

Concen: 1.287 ug/L m

RT: 5.316 min Scan# 634

Delta R.T. 0.006 min

Lab File: VD076693.D

Acq: 03 Jul 2023 15:35

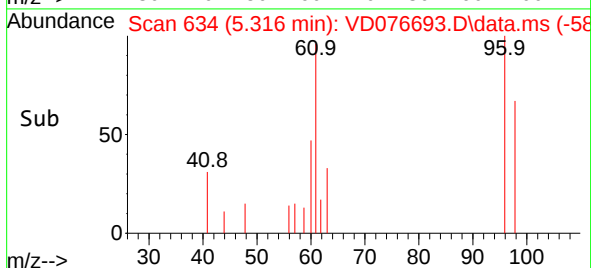
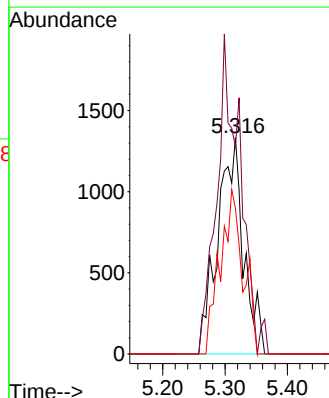
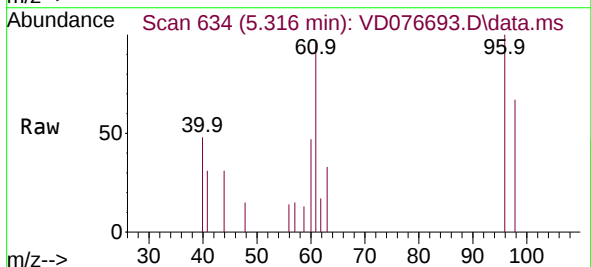
Tgt Ion: 96 Resp: 3848

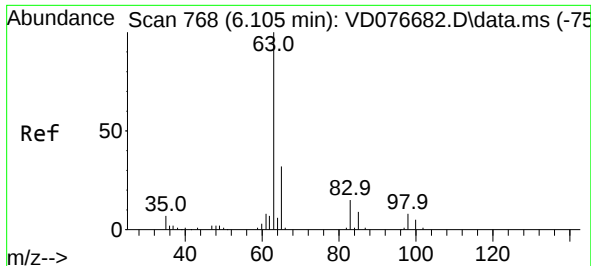
Ion Ratio Lower Upper

96 100

61 95.9 94.5 175.5

98 67.4 46.0 85.4





#19

1,1-Dichloroethane

Concen: 9.616 ug/L

RT: 6.105 min Scan# 768

Delta R.T. -0.000 min

Lab File: VD076693.D

Acq: 03 Jul 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

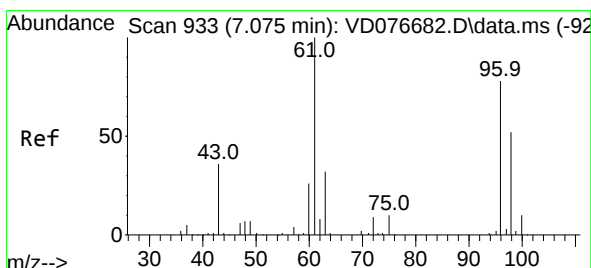
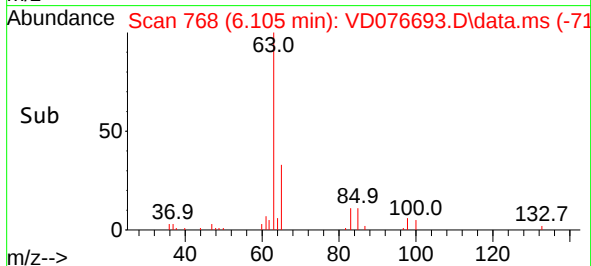
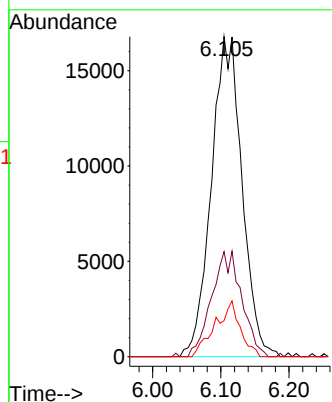
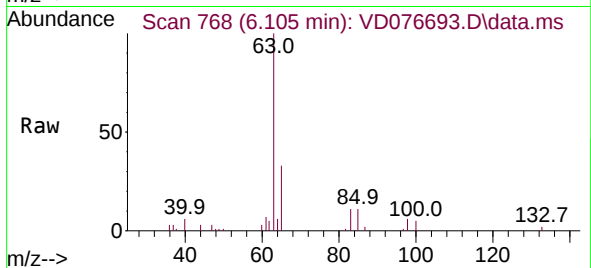
A46S5RE

Tgt Ion: 63	Resp: 5257
Ion Ratio	Lower Upper
63 100	
65 32.8	20.8 38.6
83 11.3	8.9 16.5

Manual Integrations

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Supervised By :Mahesh Dadoda 07/07/2023



#20

cis-1,2-Dichloroethene

Concen: 123.510 ug/L

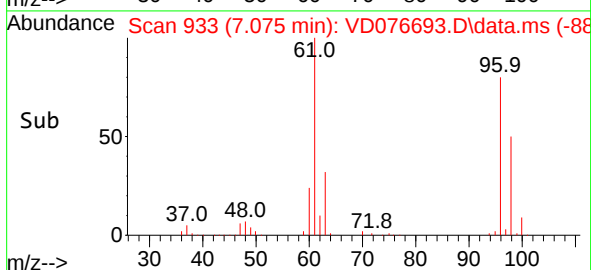
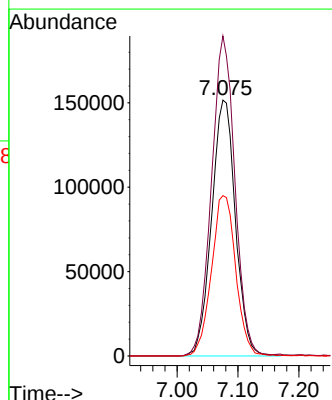
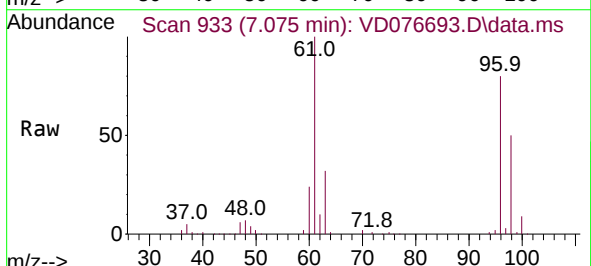
RT: 7.075 min Scan# 933

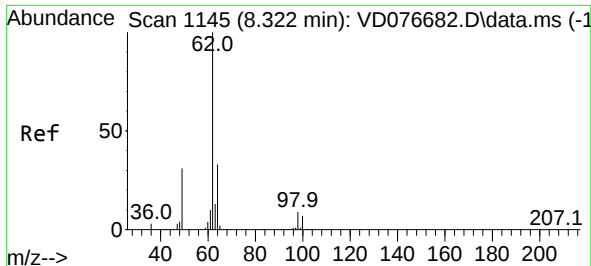
Delta R.T. -0.000 min

Lab File: VD076693.D

Acq: 03 Jul 2023 15:35

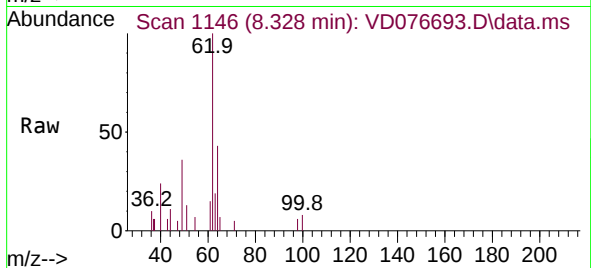
Tgt Ion: 96	Resp: 412475
Ion Ratio	Lower Upper
96 100	
61 125.1	86.0 159.6
98 62.7	42.2 78.4





#27
1,2-Dichloroethane
Concen: 2.163 ug/L
RT: 8.328 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VD076693.D
Acq: 03 Jul 2023 15:35

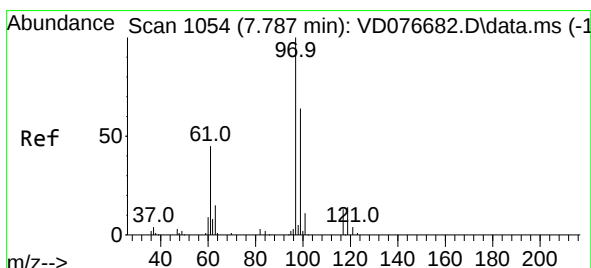
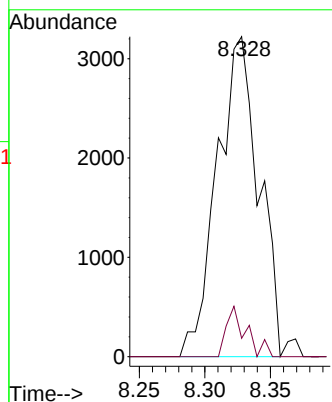
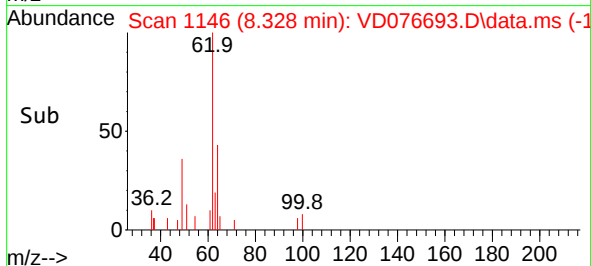
Instrument :
MSVOA_D
ClientSampleId :
A46S5RE



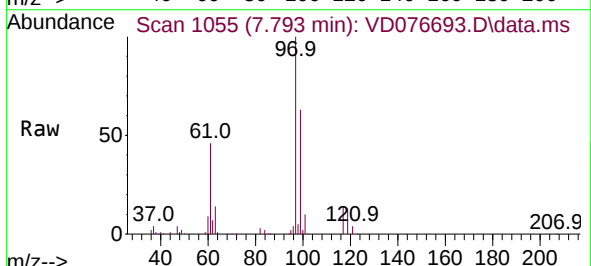
Tgt Ion: 62 Resp: 7090
Ion Ratio Lower Upper
62 100
98 5.7 8.7 13.1

Manual Integrations
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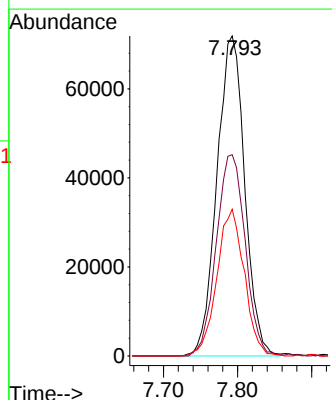
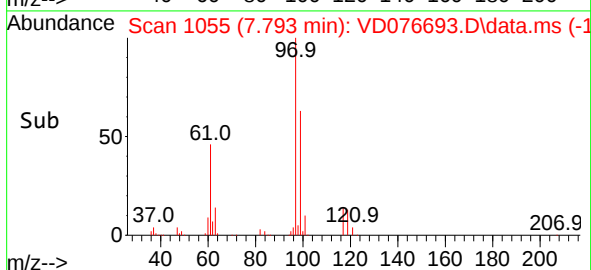
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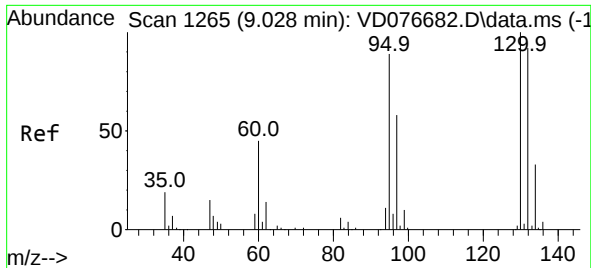


#30
1,1,1-Trichloroethane
Concen: 41.455 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD076693.D
Acq: 03 Jul 2023 15:35



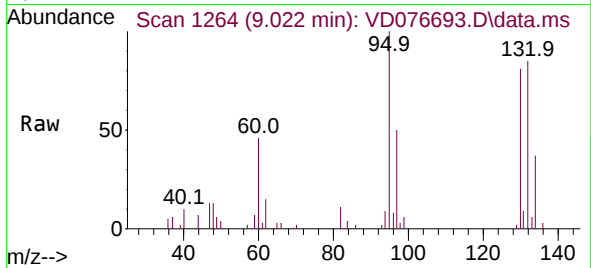
Tgt Ion: 97 Resp: 187175
Ion Ratio Lower Upper
97 100
99 65.5 51.0 76.6
61 45.2 36.4 54.6





#34
Trichloroethene
Concen: 5.606 ug/L
RT: 9.022 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD076693.D
Acq: 03 Jul 2023 15:35

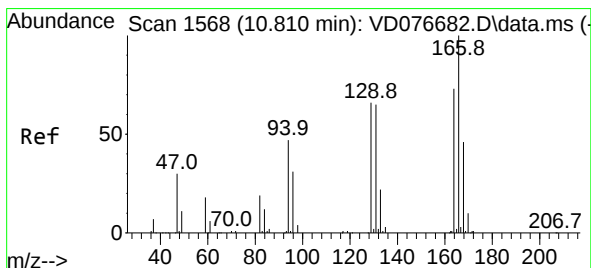
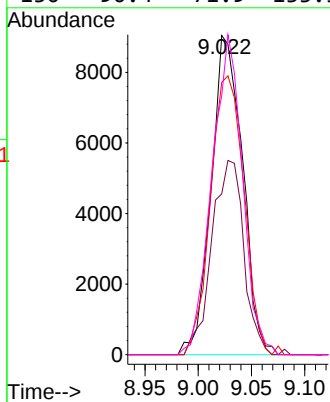
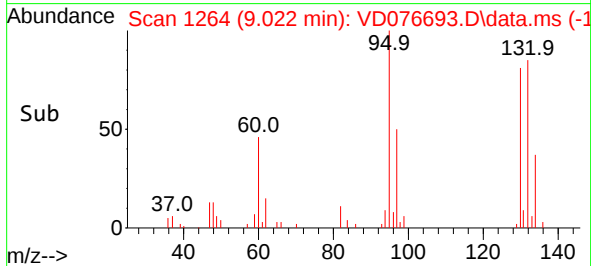
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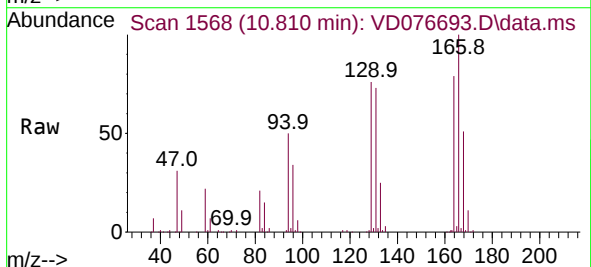
Tgt Ion: 95 Resp: 1852
Ion Ratio Lower Upper
95 100
97 50.4 43.1 80.1
132 85.3 71.8 133.4
130 90.4 71.9 133.5

Manual Integrations
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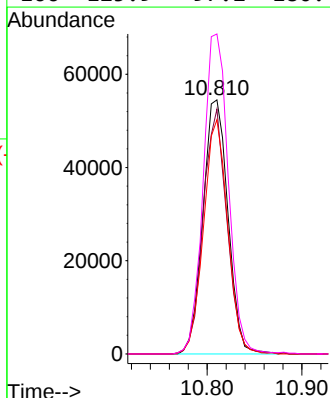
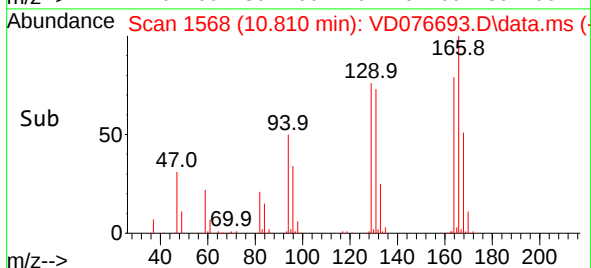
Reviewed By :Semsettin Yesilyurt 07/05/2023
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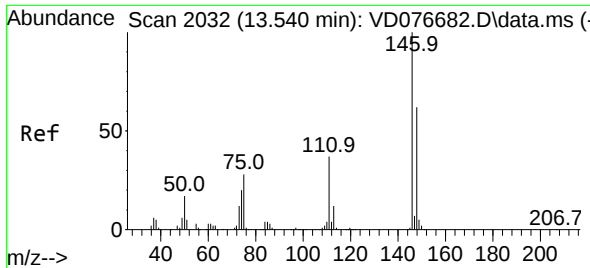


#46
Tetrachloroethene
Concen: 38.597 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076693.D
Acq: 03 Jul 2023 15:35



Tgt Ion:164 Resp: 100266
Ion Ratio Lower Upper
164 100
129 96.3 65.5 121.6
131 92.2 64.8 120.3
166 125.9 97.2 180.4





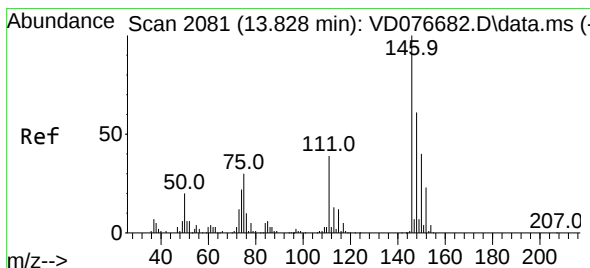
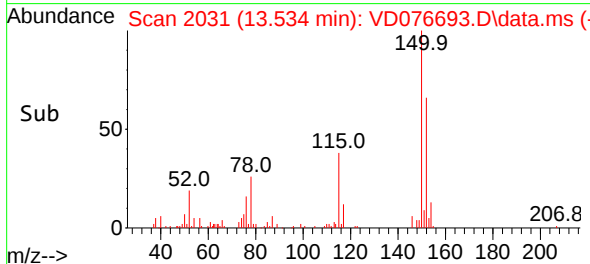
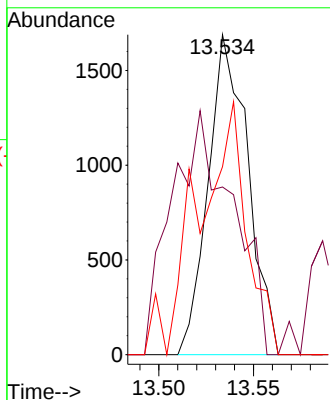
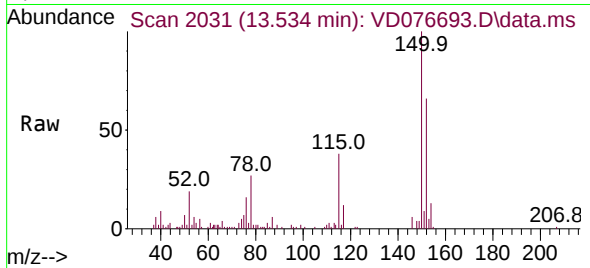
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1,4-Dichlorobenzene
Concen: 0.386 ug/L
RT: 13.534 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VD076693.D
Acq: 03 Jul 2023 15:35

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MSVOA_D
ClientSampleId :
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Tgt Ion:146 Resp: 246
Ion Ratio Lower Upper
146 100
111 52.4 25.7 47.7
148 58.7 45.4 84.2

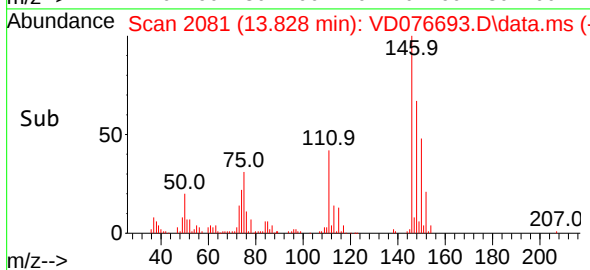
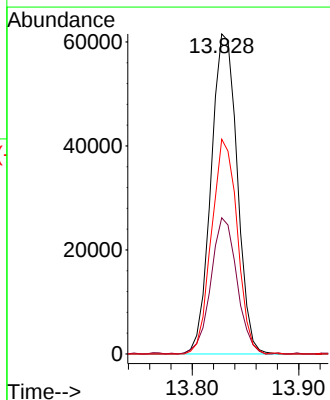
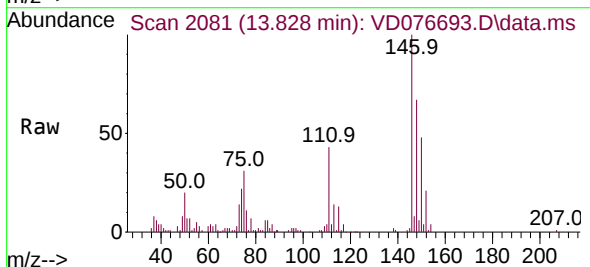
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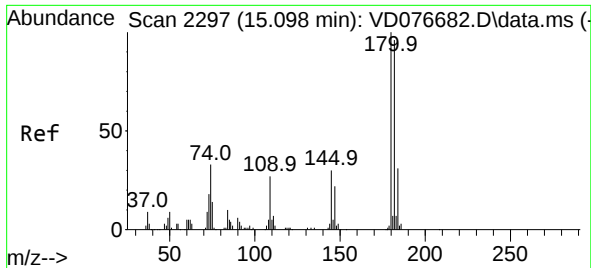
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/07/2023



#67
1,2-Dichlorobenzene
Concen: 18.641 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076693.D
Acq: 03 Jul 2023 15:35

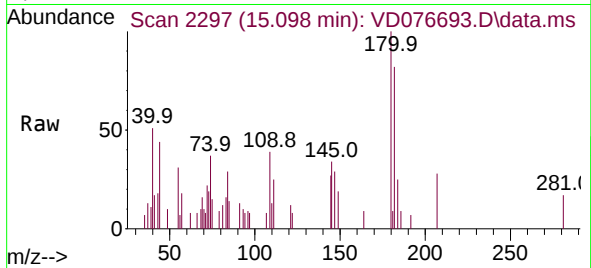
Tgt Ion:146 Resp: 104913
Ion Ratio Lower Upper
146 100
111 42.5 31.3 46.9
148 67.1 51.7 77.5





#70
1,2,4-trichlorobenzene
Concen: 0.858 ug/L
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076693.D
Acq: 03 Jul 2023 15:35

Instrument :
MSVOA_D
ClientSampleId :
A46S5RE



Tgt Ion:180 Resp: 3210
Ion Ratio Lower Upper
180 100
182 90.6 76.9 115.3
145 16.6 23.5 35.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/07/2023

