

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028222.D
 Acq On : 30 Sep 2022 13:17
 Operator : SY/MD
 Sample : N4866-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ6

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/03/2022
 Supervised By :Mahesh Dadoda 10/05/2022

Quant Time: Sep 30 22:57:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	128913	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	129888	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	61339	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	208218	15.580	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	311.600%#
7) Chloroethane-d5	1.561	69	37651	3.543	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.800%
11) 1,1-Dichloroethene-d2	2.101	63	62273	2.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.800%#
20) 2-Butanone-d5	3.892	46	168020	74.467	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	148.940%#
24) Chloroform-d	4.342	84	96005	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.027	65	51105	5.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.043	84	172709	4.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.066	67	60178	4.532	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.313	98	131524	3.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	7.622	79	17308	3.609	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.085	63	123754	61.824	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	55601	6.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.600%#
66) 1,2-Dichlorobenzene-d4	11.622	152	60236	5.007	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
5) Vinyl chloride	1.297	62	14802564m	1480.759	ug/L	
12) 1,1-Dichloroethene	2.111	96	25987	2.917	ug/L	90
18) trans-1,2-Dichloroethene	2.754	96	100482	12.884	ug/L	96
19) 1,1-Dichloroethane	3.188	63	1863	0.110	ug/L	95
22) cis-1,2-Dichloroethene	3.892	96	24939715m	2437.141	ug/L	
30) Cyclohexane	4.667	56	2178	0.189	ug/L #	78
33) Benzene	5.101	78	18685	0.518	ug/L	100
34) Trichloroethene	5.911	95	20487	2.282	ug/L	97
42) Toluene	7.394	91	8623	0.229	ug/L	96
52) Ethylbenzene	9.017	91	2894	0.073	ug/L	92
53) m,p-Xylene	9.143	106	2588	0.170	ug/L	89
54) o-Xylene	9.545	106	2510	0.167	ug/L	92

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

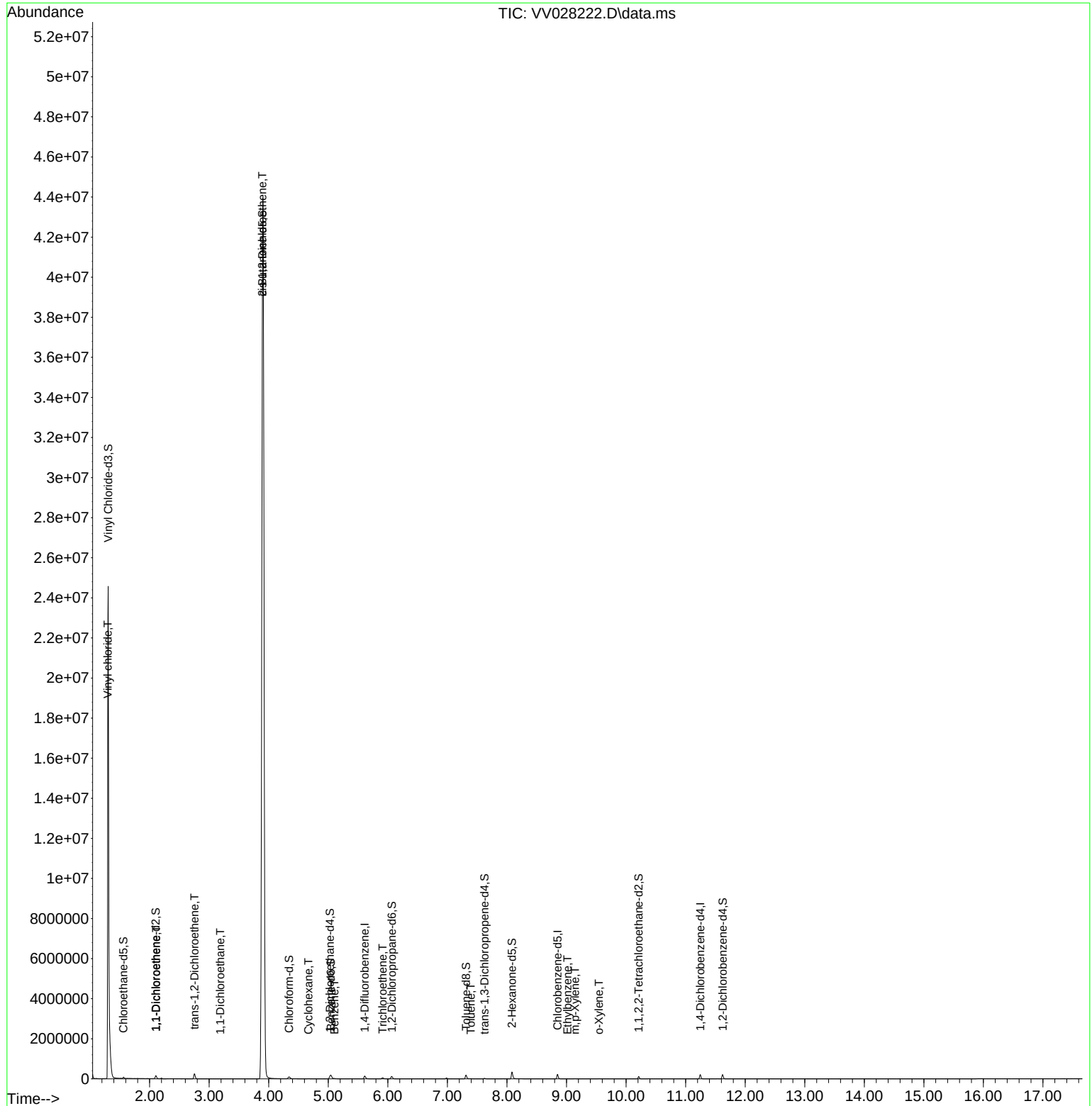
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
Data File : VV028222.D
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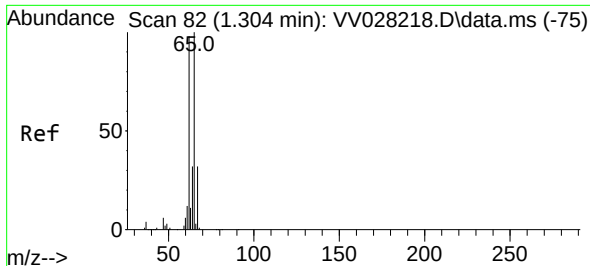
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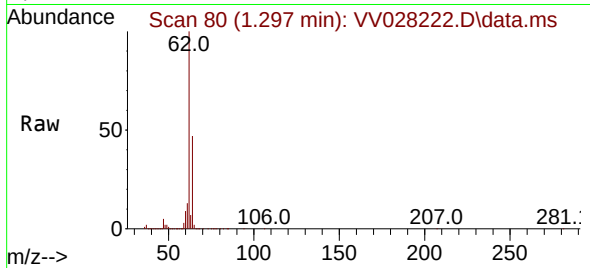
Quant Time: Sep 30 22:57:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 1480.759 ug/L m
 RT: 1.297 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: VV028222.D
 Acq: 30 Sep 2022 13:17

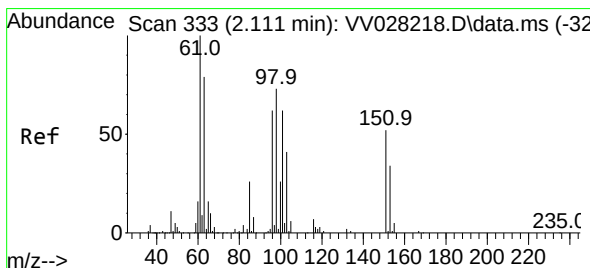
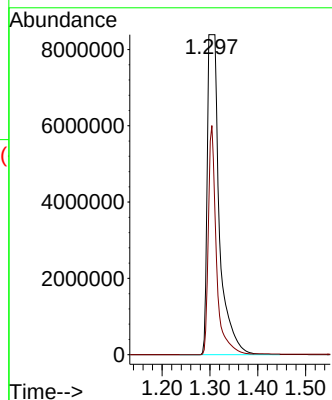
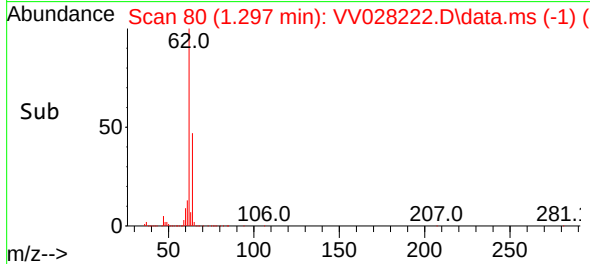
Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ6



Tgt Ion: 62 Resp:1480256
 Ion Ratio Lower Upper
 62 100
 64 46.7 23.0 42.8

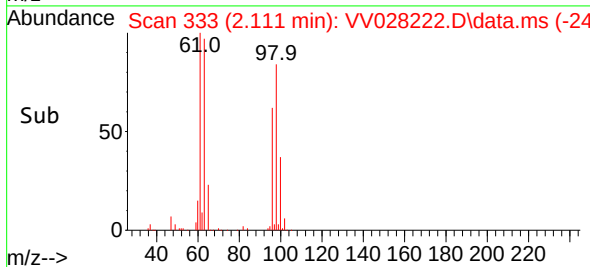
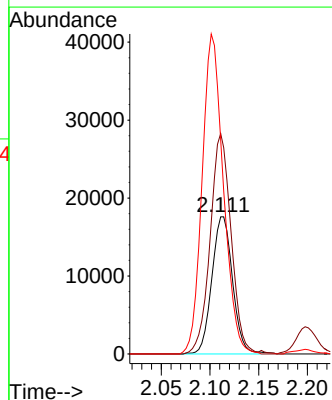
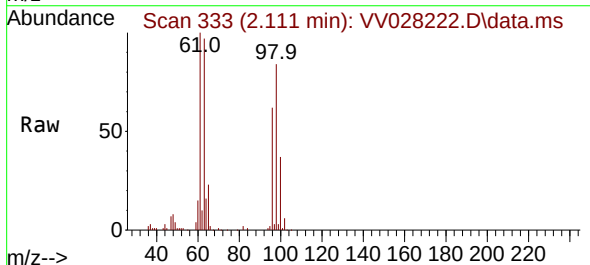
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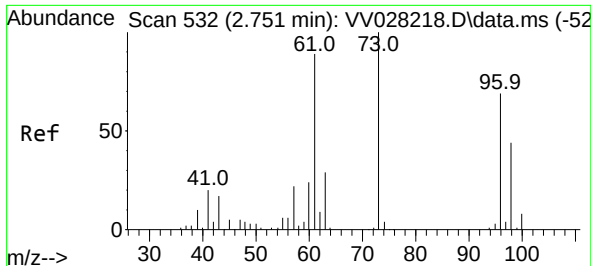
Reviewed By :Krupa Patel 10/03/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#12
 1,1-Dichloroethene
 Concen: 2.917 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV028222.D
 Acq: 30 Sep 2022 13:17

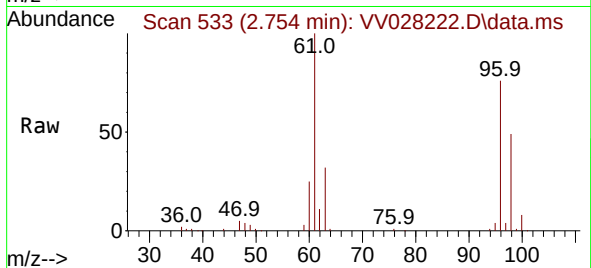
Tgt Ion: 96 Resp: 25987
 Ion Ratio Lower Upper
 96 100
 61 160.8 128.3 238.3
 63 156.3 112.7 209.3





#18
trans-1,2-Dichloroethene
Concen: 12.884 ug/L
RT: 2.754 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV028222.D
Acq: 30 Sep 2022 13:17

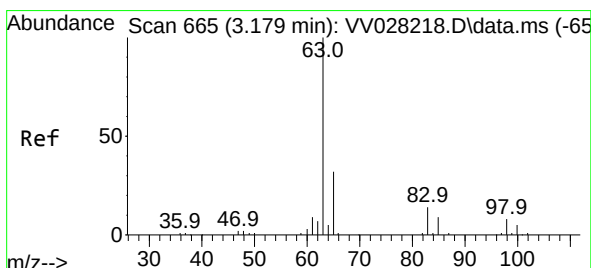
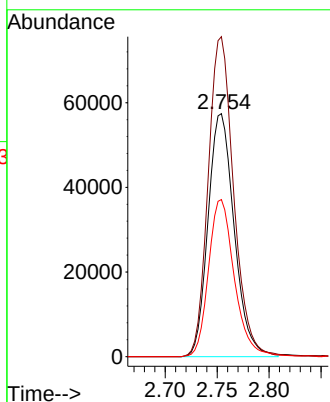
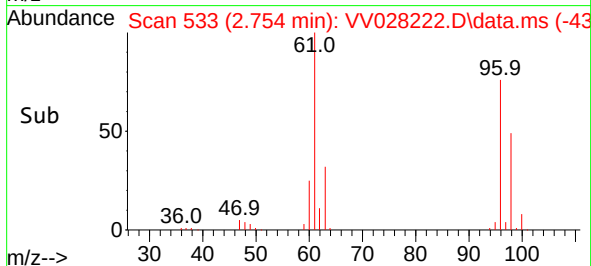
Instrument :
MSVOA_V
ClientSampleId :
EXFQ6



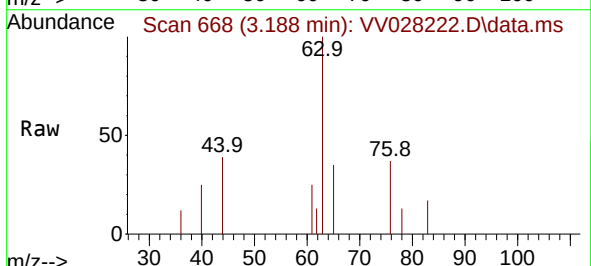
Tgt Ion: 96 Resp: 10048
Ion Ratio Lower Upper
96 100
61 131.6 96.2 178.6
98 64.6 45.7 84.9

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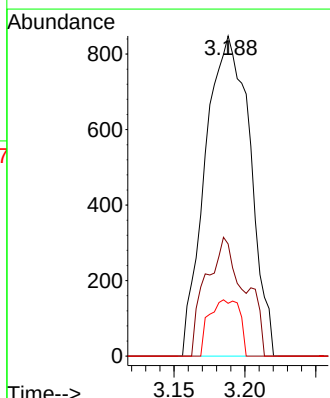
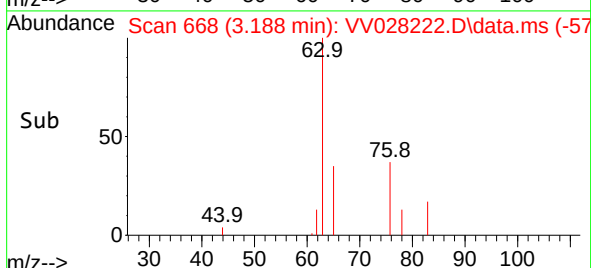
Reviewed By :Krupa Patel 10/03/2022
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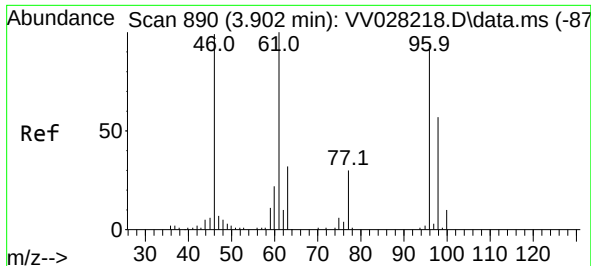


#19
1,1-Dichloroethane
Concen: 0.110 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.006 min
Lab File: VV028222.D
Acq: 30 Sep 2022 13:17



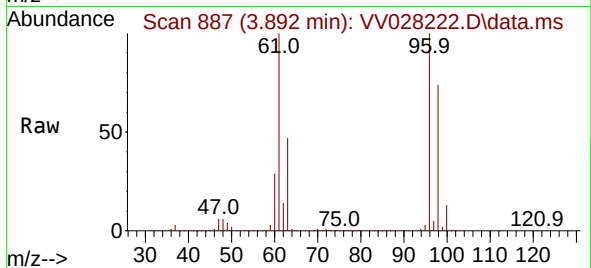
Tgt Ion: 63 Resp: 1863
Ion Ratio Lower Upper
63 100
65 35.0 23.0 42.8
83 16.5 9.2 17.2





#22
cis-1,2-Dichloroethene
Concen: 2437.141 ug/L m
RT: 3.892 min Scan# 890
Delta R.T. -0.007 min
Lab File: VV028222.D
Acq: 30 Sep 2022 13:17

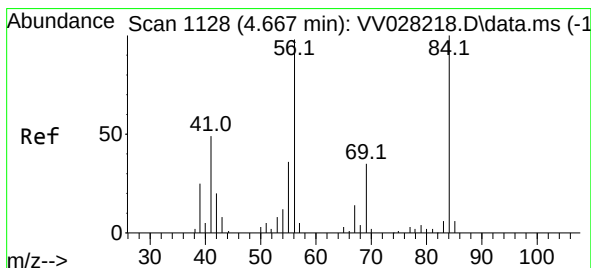
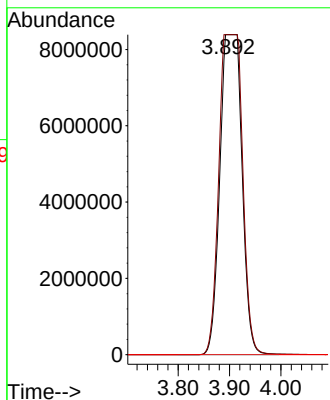
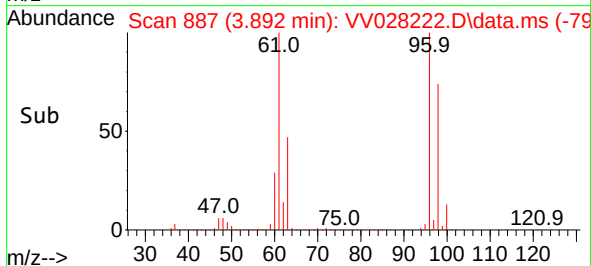
Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 96 Resp: 2493971
Ion Ratio Lower Upper
96 100
61 100.0 87.2 161.9
68 0.0 0.0 0.0

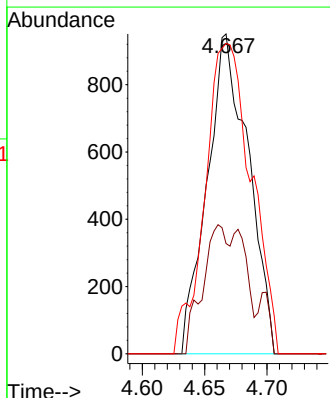
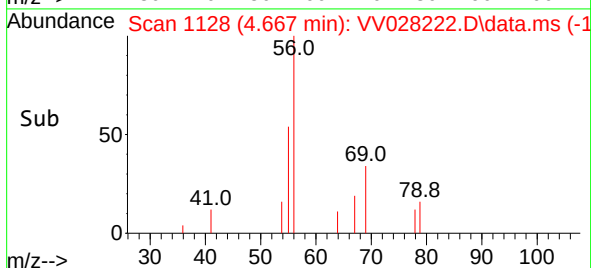
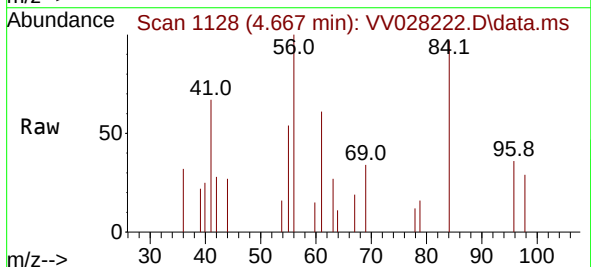
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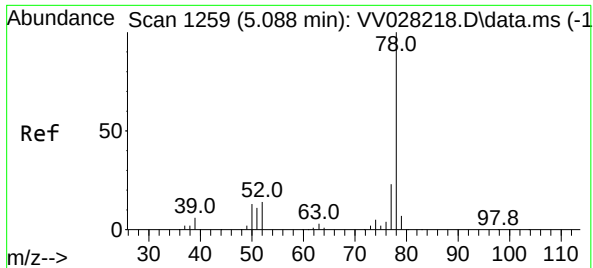
Reviewed By :Krupa Patel 10/03/2022
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#30
Cyclohexane
Concen: 0.189 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VV028222.D
Acq: 30 Sep 2022 13:17

Tgt Ion: 56 Resp: 2178
Ion Ratio Lower Upper
56 100
69 26.0 23.7 35.5
84 109.4 67.3 100.9#





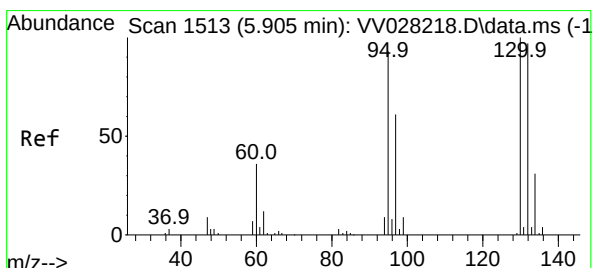
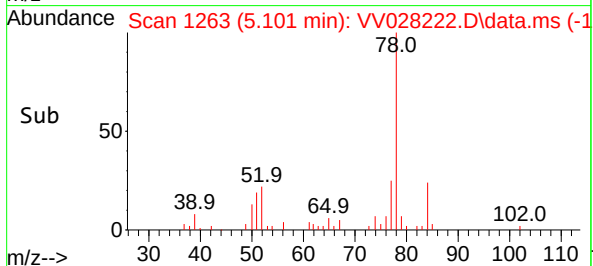
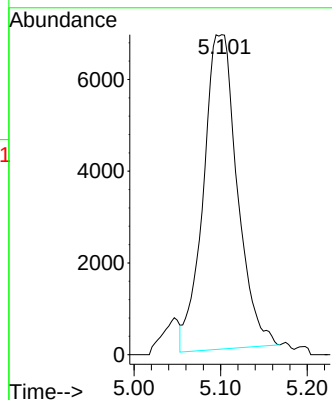
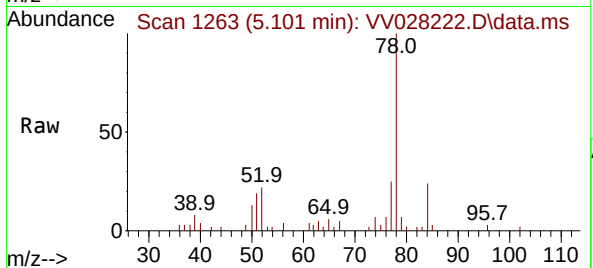
#33
Benzene
Concen: 0.518 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV028222.D
Acq: 30 Sep 2022 13:17

Instrument :
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ClientSampleId :
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Tgt Ion: 78 Resp: 1868

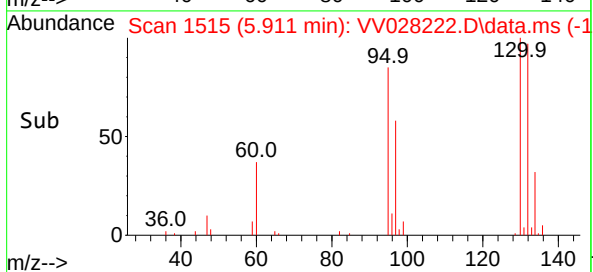
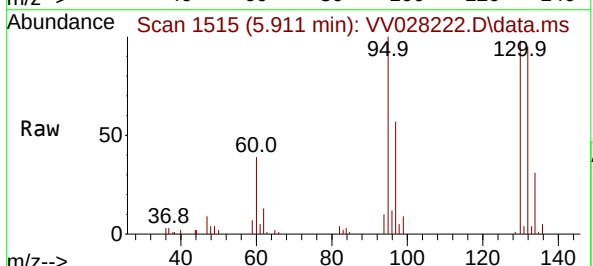
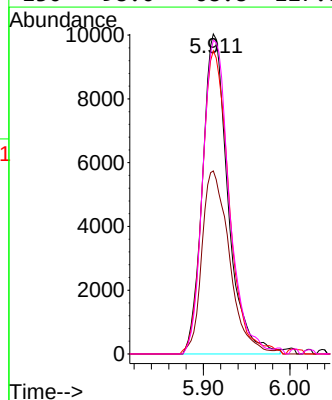
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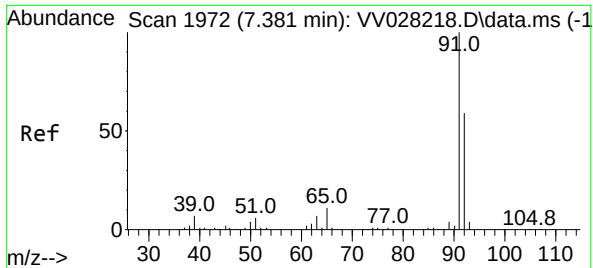
Reviewed By :Krupa Patel 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022



#34
Trichloroethene
Concen: 2.282 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV028222.D
Acq: 30 Sep 2022 13:17

Tgt Ion: 95 Resp: 20487
Ion Ratio Lower Upper
95 100
97 57.2 44.2 82.0
132 94.7 67.8 126.0
130 98.0 68.8 127.8





#42

Toluene

Concen: 0.229 ug/L

RT: 7.394 min Scan# 1972

Delta R.T. 0.013 min

Lab File: VV028222.D

Acq: 30 Sep 2022 13:17

Instrument :

MSVOA_V

ClientSampleId :

EXFQ6

Tgt Ion: 91 Resp: 862

Ion Ratio Lower Upper

91 100

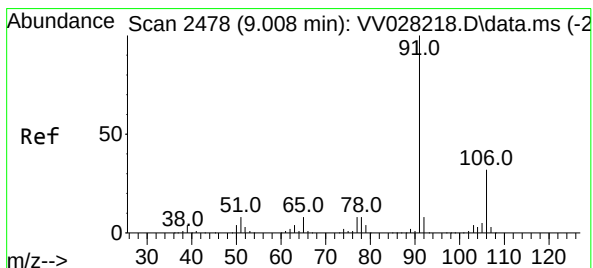
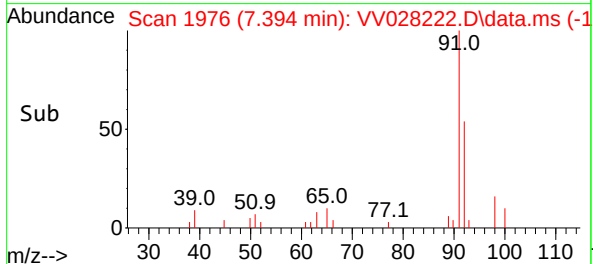
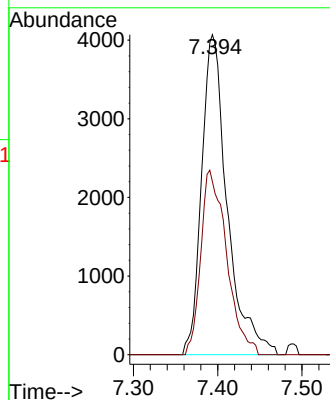
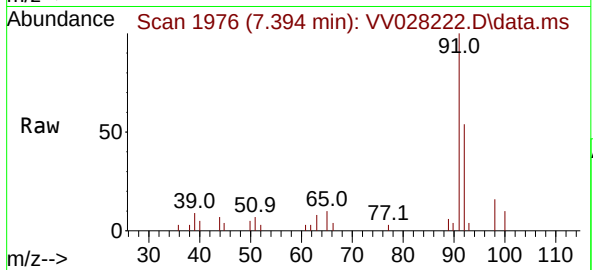
92 54.1 40.2 74.6

Manual Integrations

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#52

Ethylbenzene

Concen: 0.073 ug/L

RT: 9.017 min Scan# 2481

Delta R.T. 0.010 min

Lab File: VV028222.D

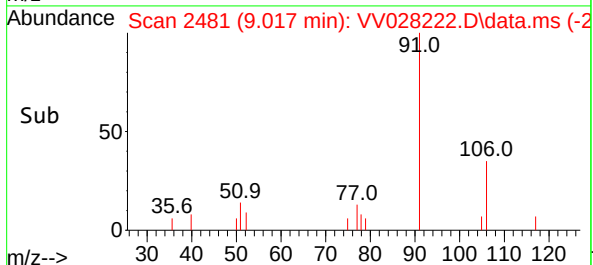
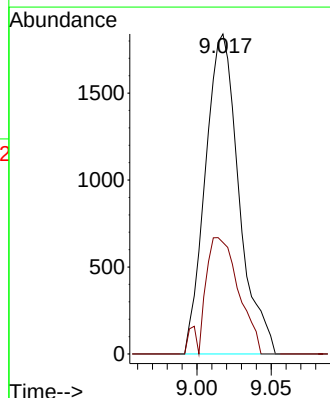
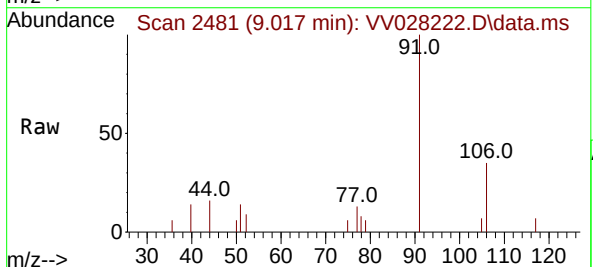
Acq: 30 Sep 2022 13:17

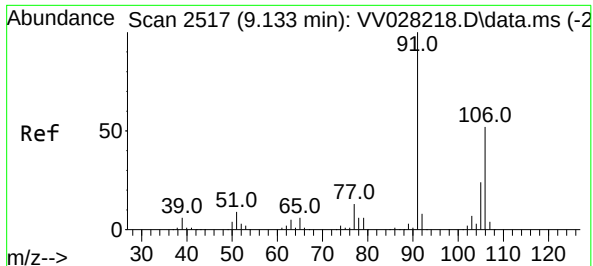
Tgt Ion: 91 Resp: 2894

Ion Ratio Lower Upper

91 100

106 34.8 21.5 39.9





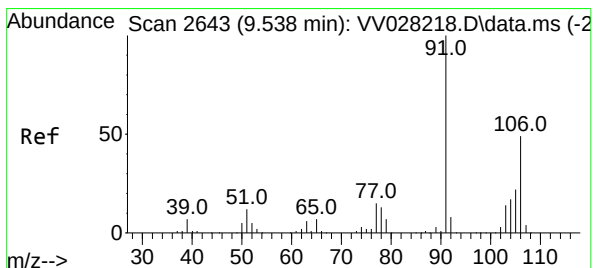
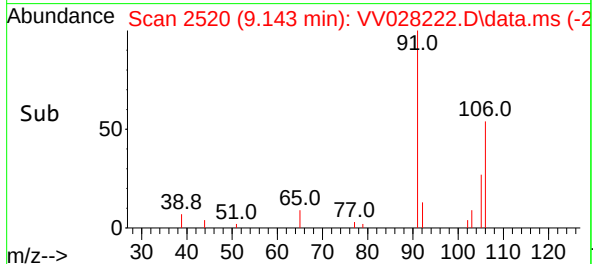
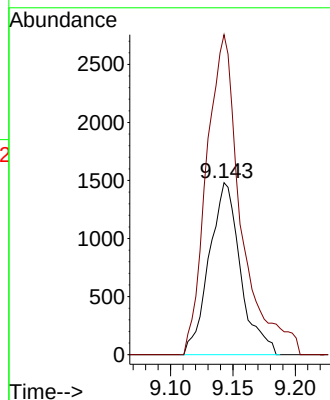
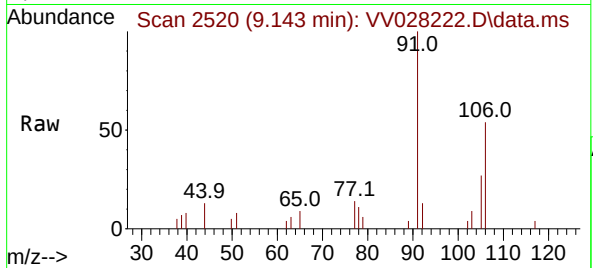
#53
m,p-Xylene
Concen: 0.170 ug/L
RT: 9.143 min Scan# 2517
Delta R.T. 0.010 min
Lab File: VV028222.D
Acq: 30 Sep 2022 13:17

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Tgt Ion:106 Resp: 2588
Ion Ratio Lower Upper
106 100
91 186.1 141.9 263.5

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Supervised By :Mahesh Dadoda 10/05/2022



#54
o-Xylene
Concen: 0.167 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.006 min
Lab File: VV028222.D
Acq: 30 Sep 2022 13:17

Tgt Ion:106 Resp: 2510
Ion Ratio Lower Upper
106 100
91 224.3 148.1 275.0

