

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
 Data File : VV028154.D
 Acq On : 28 Sep 2022 13:14
 Operator : SY/MD
 Sample : N4856-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H32

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/29/2022
 Supervised By :Mahesh Dadoda 09/29/2022

Quant Time: Sep 29 01:27:18 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

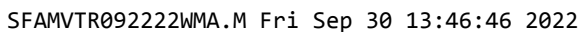
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

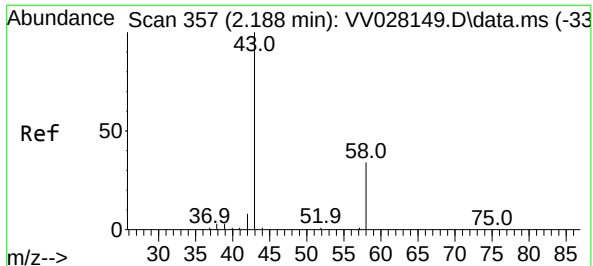
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	179066	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	177767	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	91396	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	53548	2.884	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.600%
7) Chloroethane-d5	1.561	69	53372	3.616	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.098	63	75606	2.348	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.000%#
20) 2-Butanone-d5	3.889	46	162504	51.850	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.700%
24) Chloroform-d	4.339	84	122173	4.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.027	65	59625	4.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	5.043	84	229145	3.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.066	67	76834	4.228	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.310	98	187283	3.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	7.622	79	24874	3.790	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.085	63	145574	53.138	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.280%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	60182	4.845	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	88354	4.929	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
13) Acetone	2.188	43	45306	18.767	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	1561315	58.651	ug/L	95
18) trans-1,2-Dichloroethene	2.751	96	97314	8.983	ug/L	93
22) cis-1,2-Dichloroethene	3.902	96	115734	8.142	ug/L	96
30) Cyclohexane	4.667	56	9492	0.601	ug/L	88
33) Benzene	5.098	78	69438	1.407	ug/L	100
34) Trichloroethene	5.915	95	13317	1.084	ug/L	94
35) Methylcyclohexane	6.111	83	8648m	0.513	ug/L	
42) Toluene	7.391	91	14042	0.273	ug/L	97
47) Tetrachloroethene	7.976	164	21004	2.141	ug/L	96
52) Ethylbenzene	9.011	91	21023	0.386	ug/L	98
54) o-Xylene	9.545	106	3405	0.165	ug/L	89
60) Isopropylbenzene	9.931	105	7500m	0.140	ug/L	
62) 1,3,5-Trimethylbenzene	10.535	105	15037	0.995	ug/L	99

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

Manual Integrations
APPROVED

Quant Time: Sep 29 01:27:18 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





#13

Acetone

Concen: 18.767 ug/L

RT: 2.188 min Scan# 357

Delta R.T. 0.000 min

Lab File: VV028154.D

Acq: 28 Sep 2022 13:14

Instrument :

MSVOA_V

ClientSampleId :

F5H32

Tgt Ion: 43 Resp: 45300

Ion Ratio Lower Upper

43 100

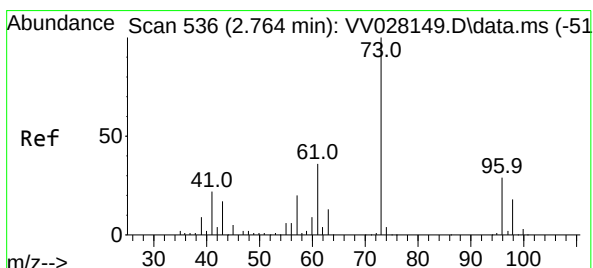
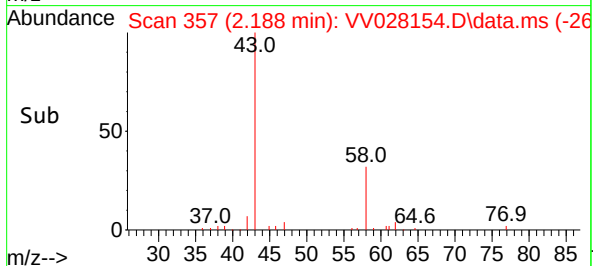
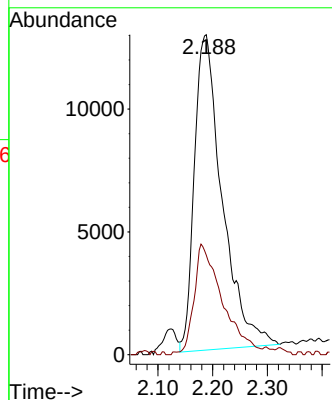
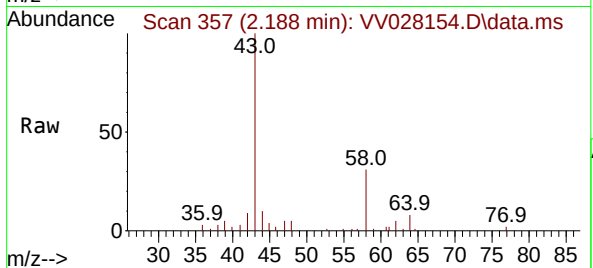
58 33.6 0.0 65.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/29/2022

Supervised By :Mahesh Dadoda 09/29/2022



#17

Methyl tert-butyl Ether

Concen: 58.651 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.000 min

Lab File: VV028154.D

Acq: 28 Sep 2022 13:14

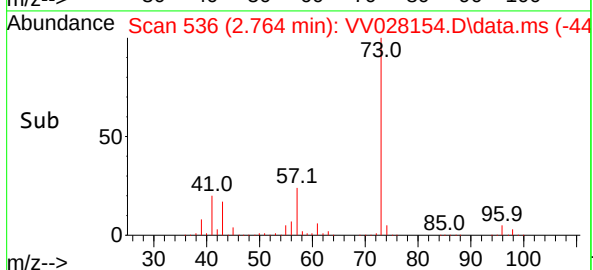
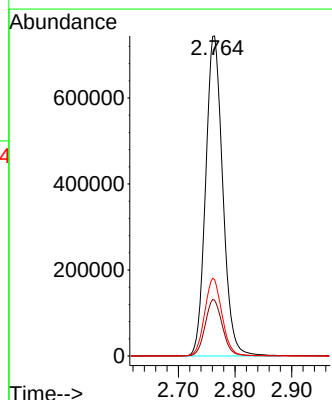
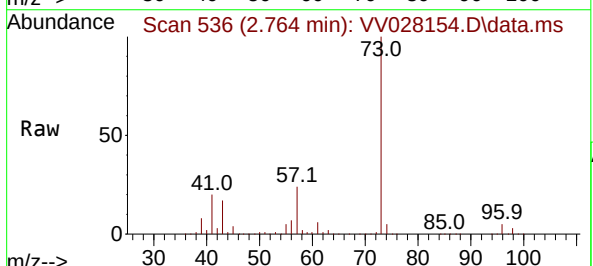
Tgt Ion: 73 Resp: 1561315

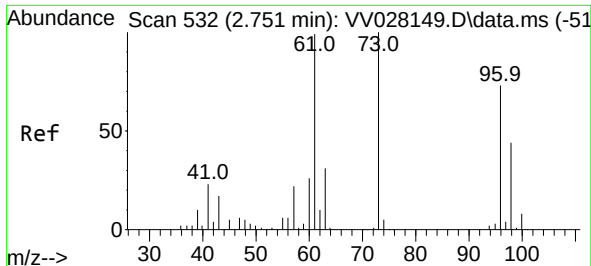
Ion Ratio Lower Upper

73 100

43 17.6 15.7 23.5

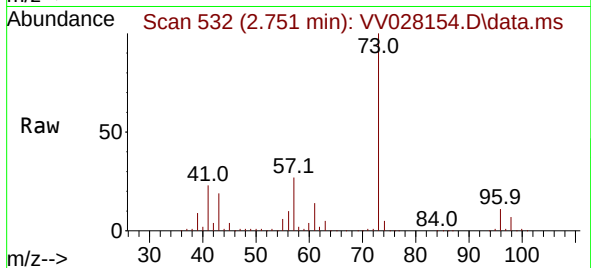
57 24.7 17.8 26.8





#18
trans-1,2-Dichloroethene
Concen: 8.983 ug/L
RT: 2.751 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

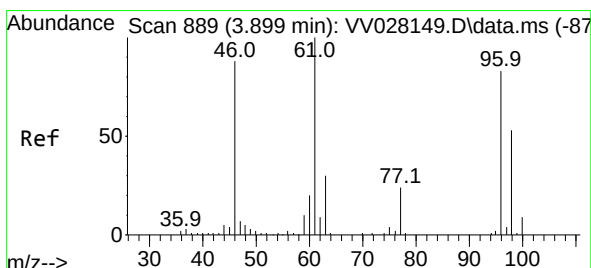
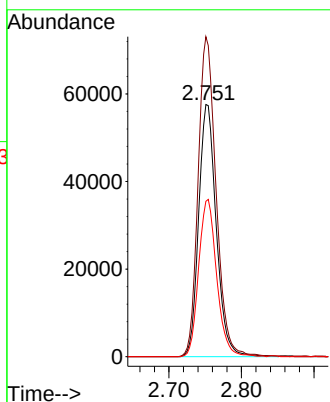
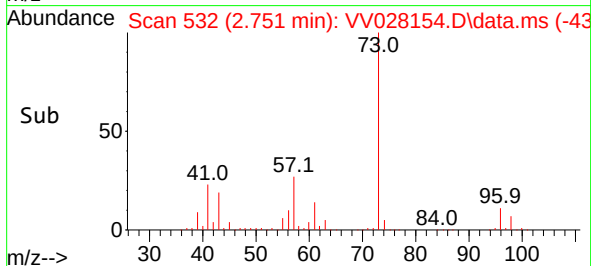
Instrument :
MSVOA_V
ClientSampleId :
F5H32



Tgt Ion: 96 Resp: 97314
Ion Ratio Lower Upper
96 100
61 126.9 96.2 178.6
98 61.6 45.7 84.9

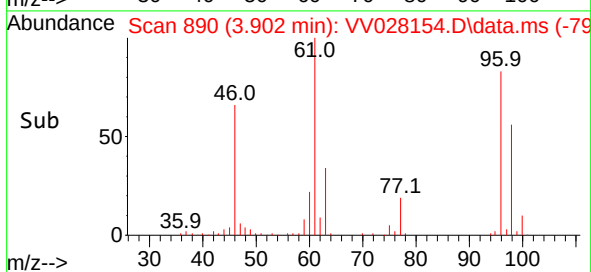
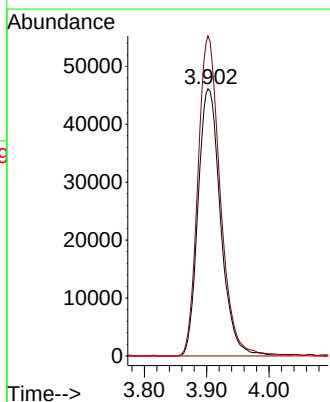
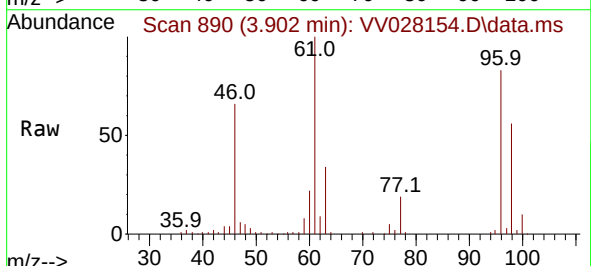
Manual Integrations
APPROVED

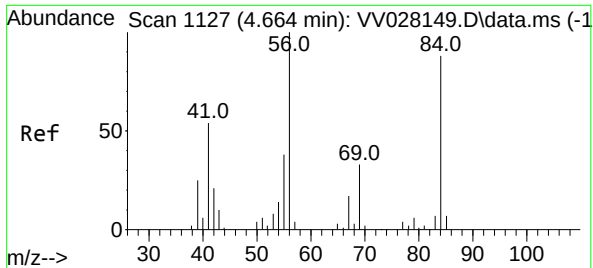
Reviewed By :Krupa Patel 09/29/2022
Supervised By :Mahesh Dadoda 09/29/2022



#22
cis-1,2-Dichloroethene
Concen: 8.142 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Tgt Ion: 96 Resp: 115734
Ion Ratio Lower Upper
96 100
61 119.8 87.2 161.9
68 0.0 0.0 0.0





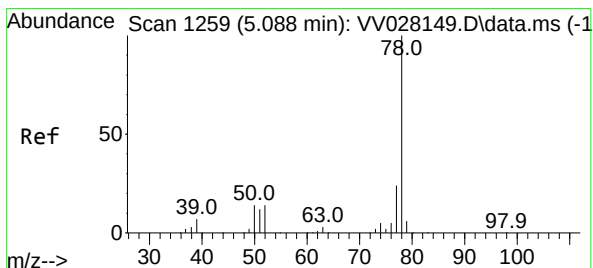
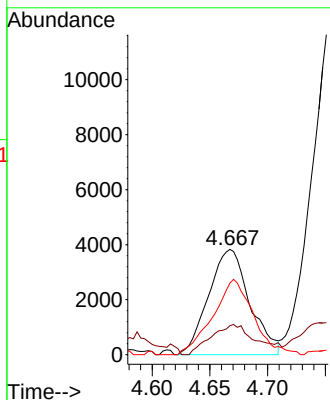
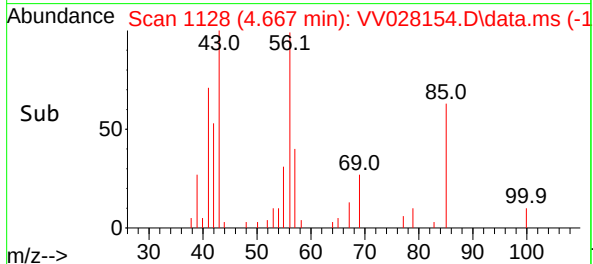
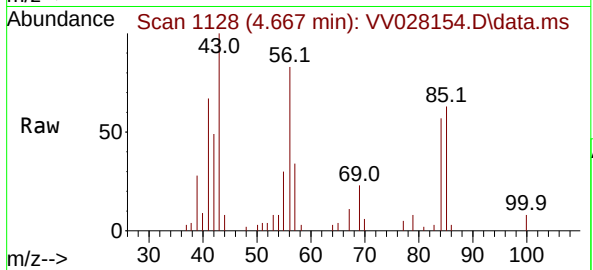
#30
Cyclohexane
Concen: 0.601 ug/L
RT: 4.667 min Scan# 1127
Delta R.T. 0.003 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion: 56 Resp: 949
Ion Ratio Lower Upper
56 100
69 31.6 23.7 35.5
84 70.2 67.3 100.9

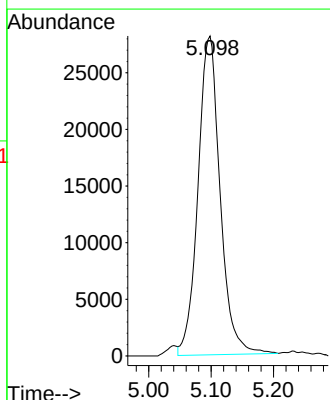
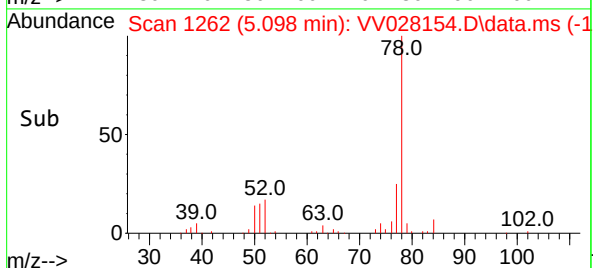
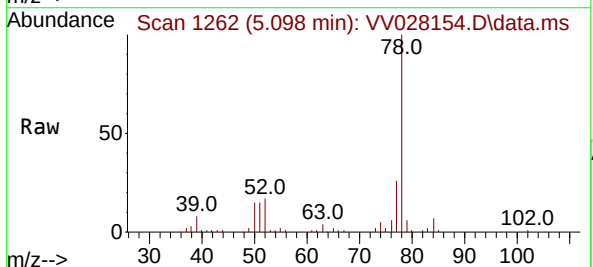
Manual Integrations
APPROVED

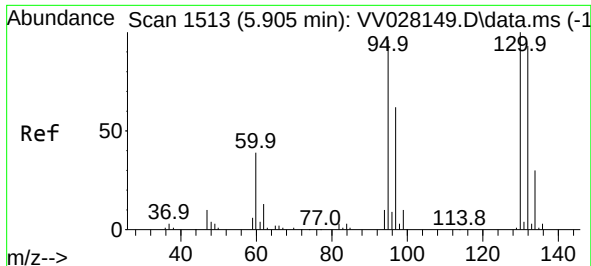
Reviewed By :Krupa Patel 09/29/2022
Supervised By :Mahesh Dadoda 09/29/2022



#33
Benzene
Concen: 1.407 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.010 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

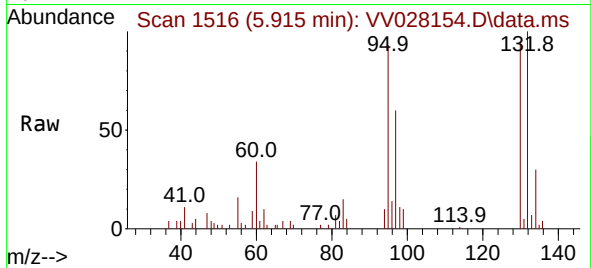
Tgt Ion: 78 Resp: 69438





#34
 Trichloroethene
 Concen: 1.084 ug/L
 RT: 5.915 min Scan# 1516
 Delta R.T. 0.010 min
 Lab File: VV028154.D
 Acq: 28 Sep 2022 13:14

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H32

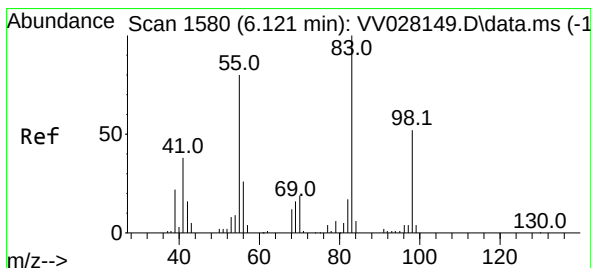
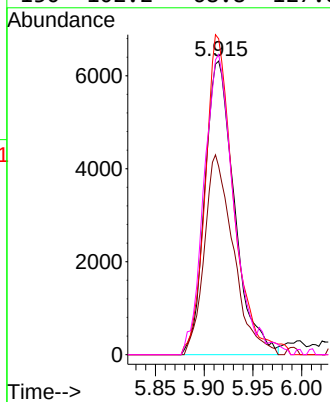
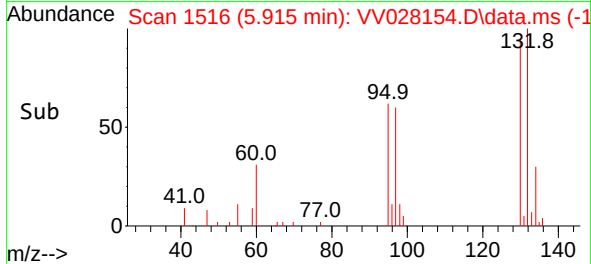


Tgt Ion: 95 Resp: 1331

Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.2	82.0
132	107.6	67.8	126.0
130	102.2	68.8	127.8

Manual Integrations
 APPROVED

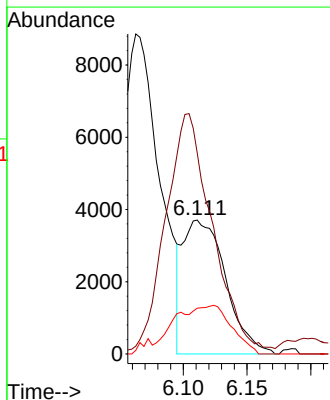
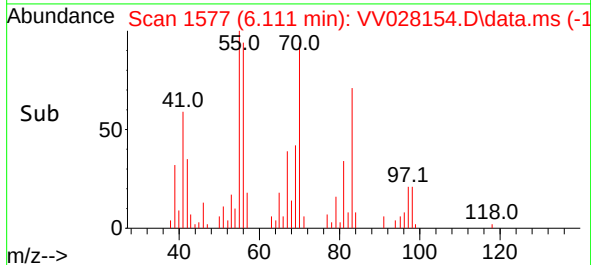
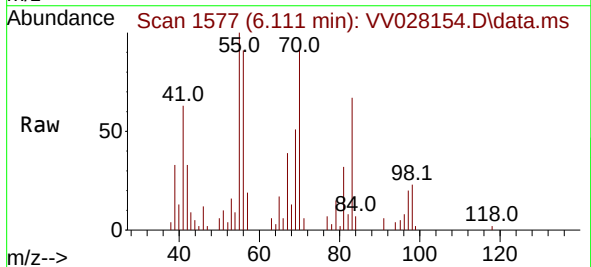
Reviewed By :Krupa Patel 09/29/2022
 Supervised By :Mahesh Dadoda 09/29/2022

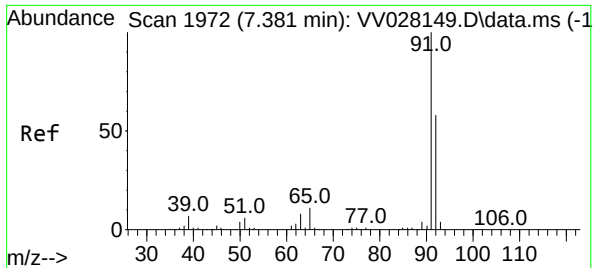


#35
 Methylcyclohexane
 Concen: 0.513 ug/L m
 RT: 6.111 min Scan# 1577
 Delta R.T. -0.010 min
 Lab File: VV028154.D
 Acq: 28 Sep 2022 13:14

Tgt Ion: 83 Resp: 8648

Ion	Ratio	Lower	Upper
83	100		
55	33.4	64.7	97.1#
98	18.3	39.5	59.3#





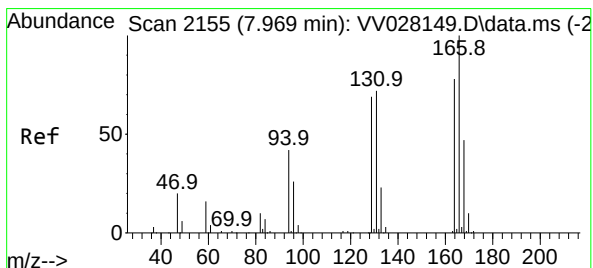
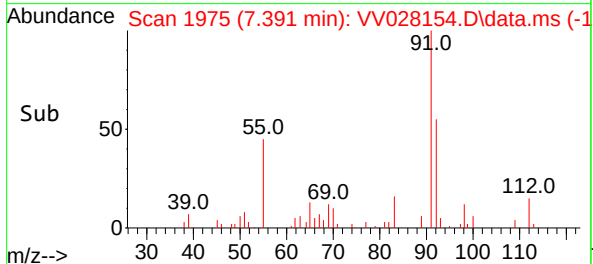
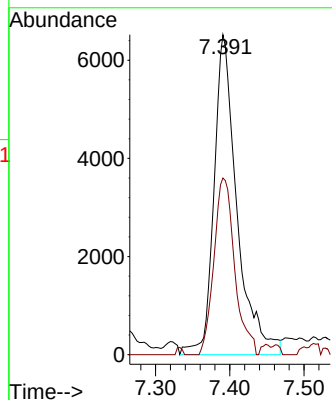
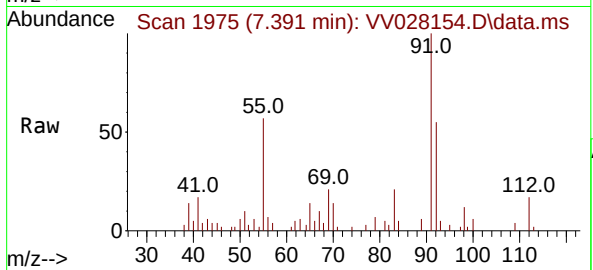
#42
Toluene
Concen: 0.273 ug/L
RT: 7.391 min Scan# 1972
Delta R.T. 0.010 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion: 91 Resp: 1404
Ion Ratio Lower Upper
91 100
92 55.2 40.2 74.6

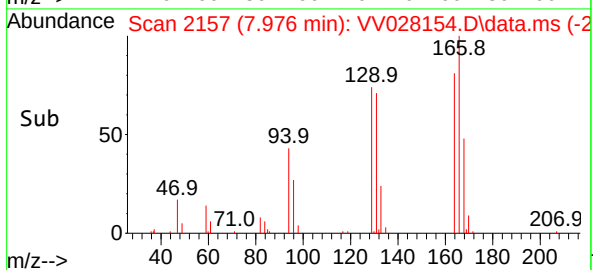
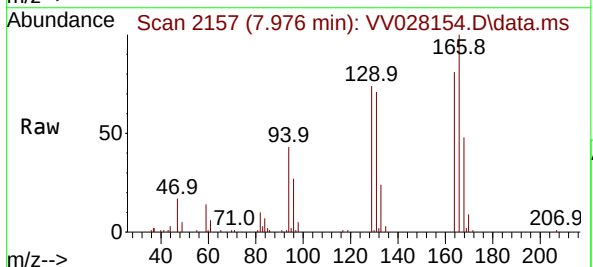
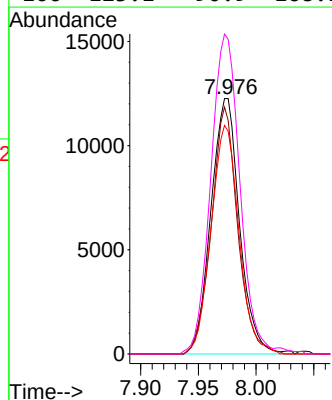
Manual Integrations
APPROVED

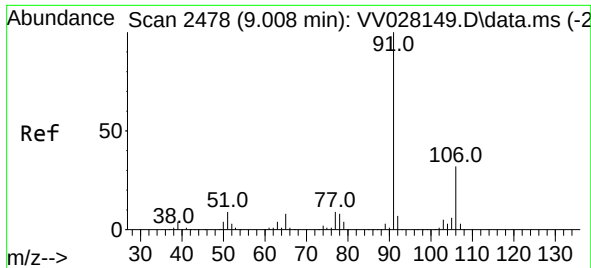
Reviewed By :Krupa Patel 09/29/2022
Supervised By :Mahesh Dadoda 09/29/2022



#47
Tetrachloroethene
Concen: 2.141 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.006 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Tgt Ion:164 Resp: 21004
Ion Ratio Lower Upper
164 100
129 91.4 66.7 123.9
131 87.2 61.7 114.5
166 123.1 90.9 168.9





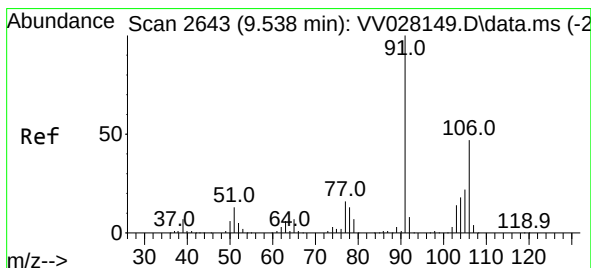
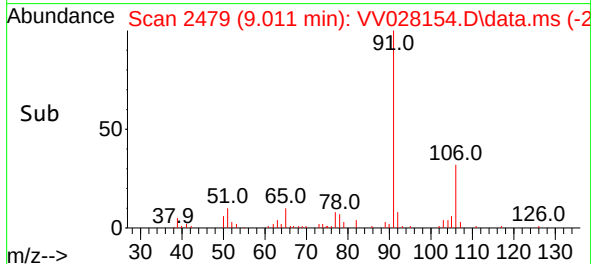
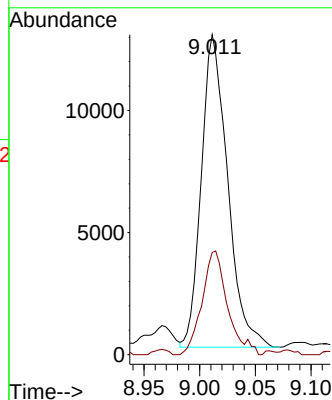
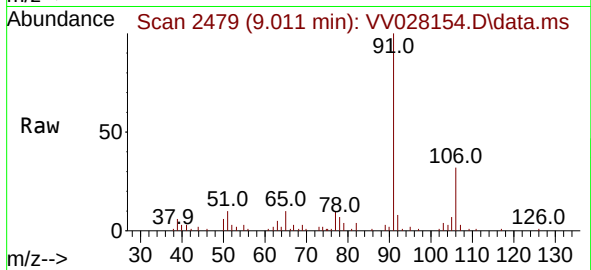
#52
Ethylbenzene
Concen: 0.386 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion: 91 Resp: 2102
Ion Ratio Lower Upper
91 100
106 31.9 21.5 39.9

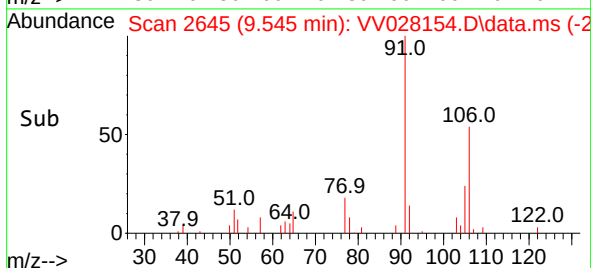
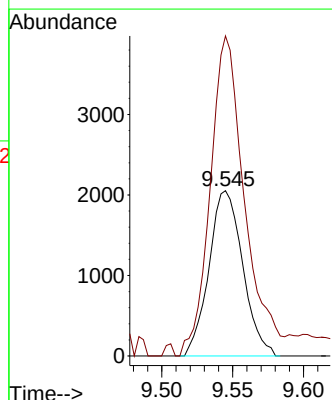
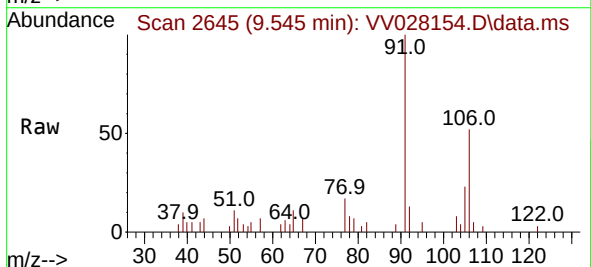
Manual Integrations
APPROVED

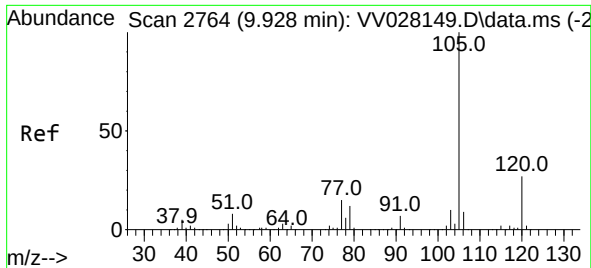
Reviewed By :Krupa Patel 09/29/2022
Supervised By :Mahesh Dadoda 09/29/2022



#54
o-Xylene
Concen: 0.165 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.006 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

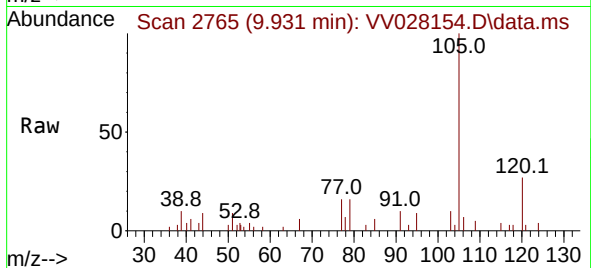
Tgt Ion:106 Resp: 3405
Ion Ratio Lower Upper
106 100
91 193.6 148.1 275.0





#60
Isopropylbenzene
Concen: 0.140 ug/L m
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

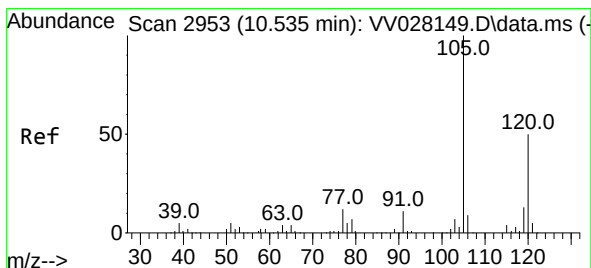
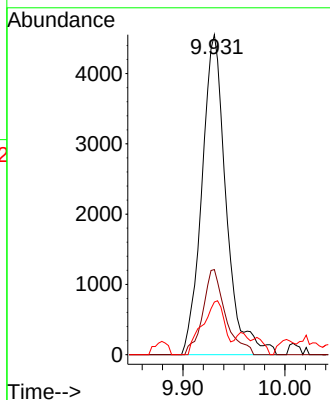
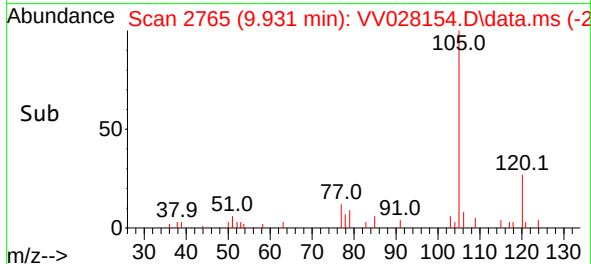
Instrument :
MSVOA_V
ClientSampleId :
F5H32



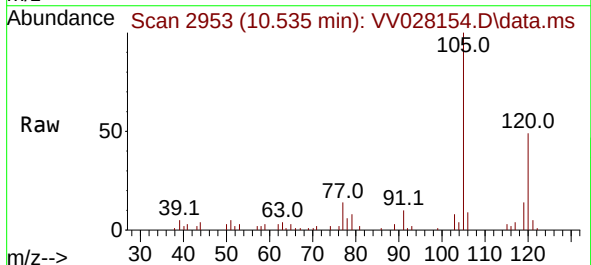
Tgt Ion:105 Resp: 7500
Ion Ratio Lower Upper
105 100
120 103.0 21.4 32.0
77 28.7 12.2 18.4

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/29/2022
Supervised By :Mahesh Dadoda 09/29/2022



#62
1,3,5-Trimethylbenzene
Concen: 0.995 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14



Tgt Ion:105 Resp: 15037
Ion Ratio Lower Upper
105 100
120 51.4 40.6 61.0

