

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029465.D
 Acq On : 08 Dec 2022 12:18
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022

Quant Time: Dec 09 01:59:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	536988	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	492917	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	253871	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	115027	34.981	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.960%
7) Chloroethane-d5	1.561	69	102202	40.760	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.520%
11) 1,1-Dichloroethene-d2	2.105	63	159051	31.011	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.020%
21) 2-Butanone-d5	3.867	46	208724	104.053	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.050%
24) Chloroform-d	4.339	84	263487	42.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.160%
26) 1,2-Dichloroethane-d4	5.024	65	162530	45.988	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.980%
32) Benzene-d6	5.043	84	558640	42.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.780%
36) 1,2-Dichloropropane-d6	6.063	67	175896	44.213	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.420%
41) Toluene-d8	7.307	98	513077	41.809	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.620%
43) trans-1,3-Dichloroprop...	7.612	79	85299	42.460	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.920%
47) 2-Hexanone-d5	8.082	63	171327	100.848	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.850%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	263866	46.414	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.820%
66) 1,2-Dichlorobenzene-d4	11.612	152	213181	44.112	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	9280	2.194	ug/L	99
3) Chloromethane	1.240	50	11017	2.284	ug/L	98
5) Vinyl chloride	1.307	62	9086	2.252	ug/L #	74
6) Bromomethane	1.516	94	4823	2.971	ug/L	89
8) Chloroethane	1.581	64	5885	2.619	ug/L	98
9) Trichlorofluoromethane	1.751	101	11382	2.253	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	8258	2.942	ug/L #	84
12) 1,1-Dichloroethene	2.114	96	7823	2.725	ug/L #	1
13) Acetone	2.156	43	9930	7.599	ug/L	95
14) Carbon disulfide	2.291	76	21769	2.279	ug/L	98
15) Methyl Acetate	2.433	43	7353	2.470	ug/L	96
16) Methylene chloride	2.503	84	9865	2.764	ug/L	92
17) trans-1,2-Dichloroethene	2.761	96	8018	2.424	ug/L	94
18) Methyl tert-butyl Ether	2.764	73	23569	2.326	ug/L #	87
19) 1,1-Dichloroethane	3.185	63	13399	2.365	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	8399	2.309	ug/L	93
22) 2-Butanone	3.979	43	13743m	6.609	ug/L	
23) Bromochloromethane	4.253	128	4034	2.154	ug/L #	93
25) Chloroform	4.368	83	15347	2.613	ug/L	92

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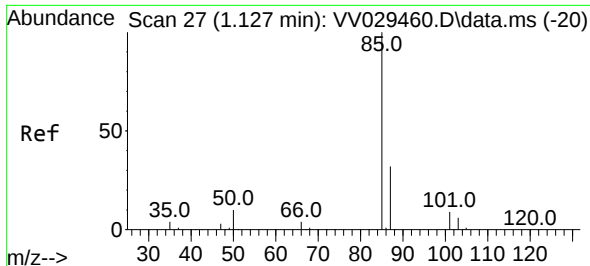
Manual Integrations
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Reviewed By :Krupa Patel 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022

Quant Time: Dec 09 01:59:37 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	9501	2.290	ug/L	98
29) Cyclohexane	4.670	56	12570	2.354	ug/L	96
30) 1,1,1-Trichloroethane	4.603	97	12946	2.411	ug/L	94
31) Carbon tetrachloride	4.822	117	10716	2.285	ug/L	90
33) Benzene	5.098	78	32384	2.331	ug/L	100
34) Trichloroethene	5.912	95	8146	2.340	ug/L	96
35) Methylcyclohexane	6.124	83	13610	2.302	ug/L	97
37) 1,2-Dichloropropane	6.172	63	7952	2.371	ug/L #	96
38) Bromodichloromethane	6.506	83	10384	2.243	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	13057	2.367	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	18952	4.740	ug/L	98
42) Toluene	7.384	91	34105	2.281	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	15206	2.911	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	7807	2.253	ug/L	96
46) Tetrachloroethene	7.969	164	6516	2.328	ug/L	96
48) 2-Hexanone	8.140	43	19381	6.345	ug/L	96
49) Dibromochloromethane	8.239	129	8386	2.192	ug/L	97
50) 1,2-Dibromoethane	8.346	107	8342	2.337	ug/L	96
51) Chlorobenzene	8.873	112	23041	2.433	ug/L	98
52) Ethylbenzene	9.008	91	36129	2.298	ug/L	98
53) m,p-Xylene	9.130	106	13655	2.194	ug/L	97
54) o-Xylene	9.535	106	13190	2.143	ug/L	97
55) Styrene	9.555	104	22385	2.093	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	13610	2.456	ug/L #	96
59) Bromoform	9.725	173	6135	2.188	ug/L	98
60) Isopropylbenzene	9.921	105	34370	2.306	ug/L	97
61) 1,2,3-Trichloropropane	10.265	75	10304	2.629	ug/L	95
62) 1,3,5-Trimethylbenzene	10.529	105	28593	2.170	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	28376	2.172	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	17090	2.345	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	18590	2.510	ug/L	94
67) 1,2-Dichlorobenzene	11.632	146	18132	2.433	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.416	75	2895	2.377	ug/L	88
69) 1,3,5-Trichlorobenzene	12.635	180	13478	2.324	ug/L	98
70) 1,2,4-trichlorobenzene	13.249	180	11471	2.224	ug/L	98
71) Naphthalene	13.496	128	18302	1.564	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	11404	2.258	ug/L	98

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



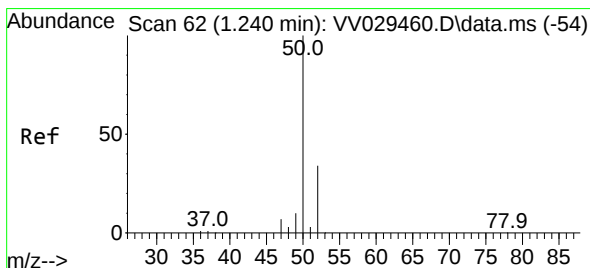
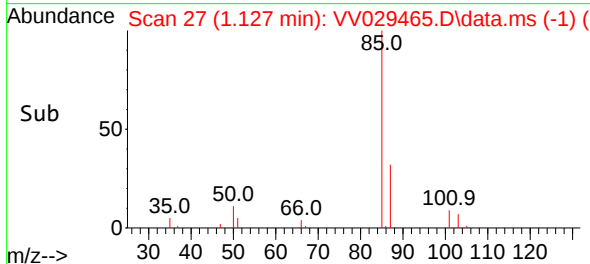
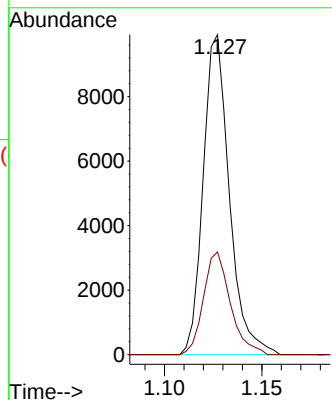
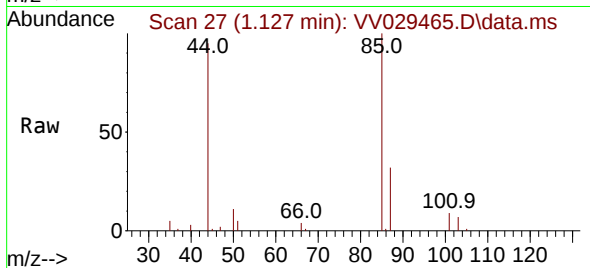
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 Dichlorodifluoromethane
 Concen: 2.194 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029465.D
 Acq: 08 Dec 2022 12:18

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Tgt Ion: 85 Resp: 9280
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.9 38.9

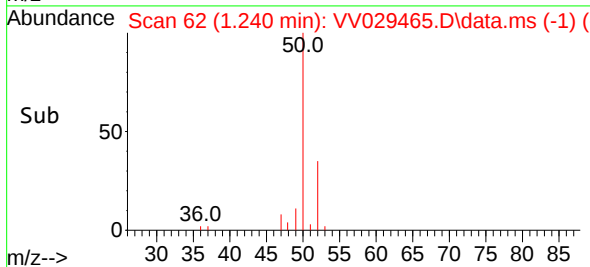
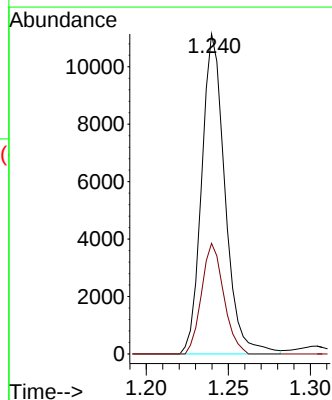
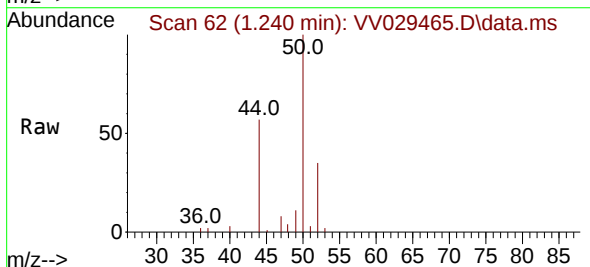
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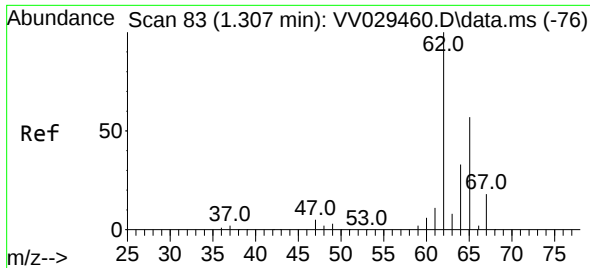
Reviewed By :Krupa Patel 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022



#3
 Chloromethane
 Concen: 2.284 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029465.D
 Acq: 08 Dec 2022 12:18

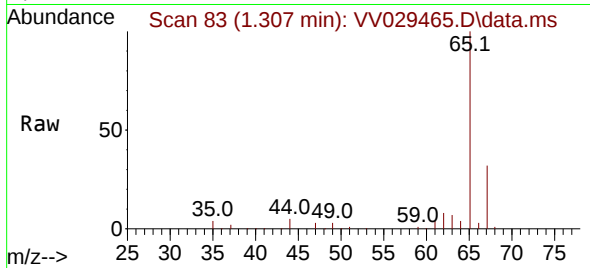
Tgt Ion: 50 Resp: 11017
 Ion Ratio Lower Upper
 50 100
 52 34.6 23.3 43.3





#5
 Vinyl chloride
 Concen: 2.252 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029465.D
 Acq: 08 Dec 2022 12:18

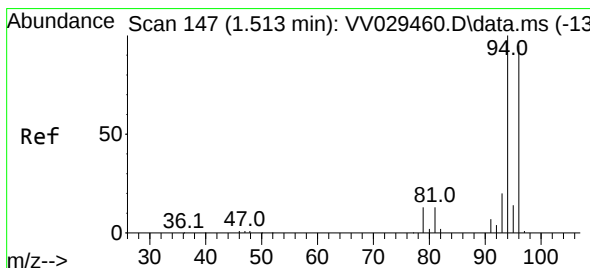
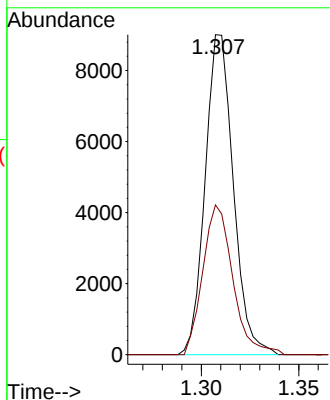
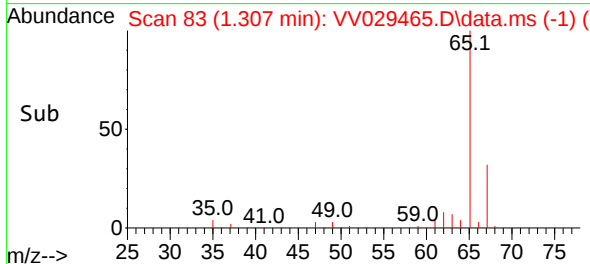
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04



Tgt Ion: 62 Resp: 9080
 Ion Ratio Lower Upper
 62 100
 64 46.8 22.5 41.9

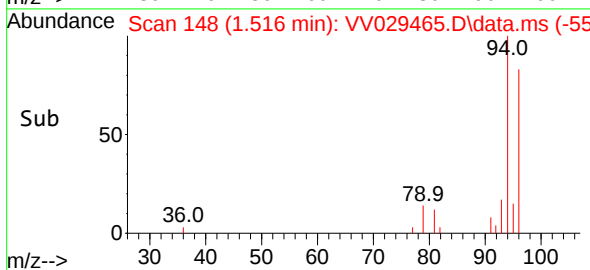
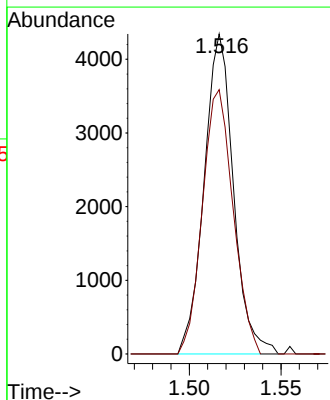
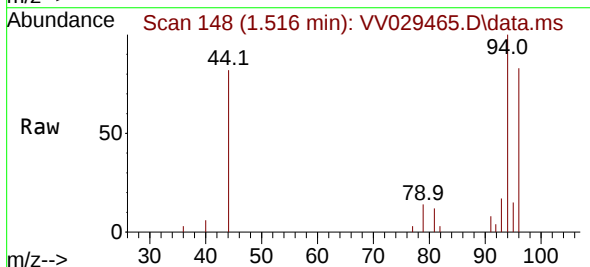
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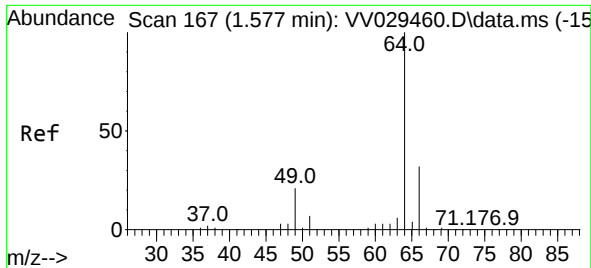
Reviewed By :Krupa Patel 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022



#6
 Bromomethane
 Concen: 2.971 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV029465.D
 Acq: 08 Dec 2022 12:18

Tgt Ion: 94 Resp: 4823
 Ion Ratio Lower Upper
 94 100
 96 82.6 65.1 120.9





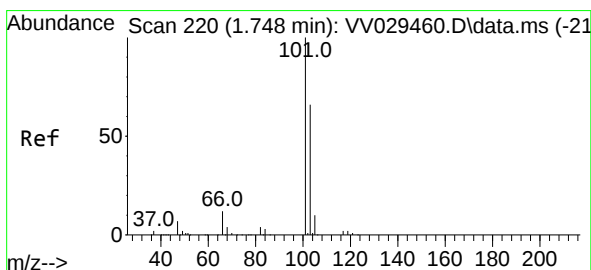
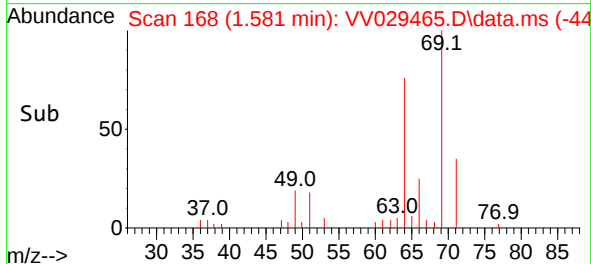
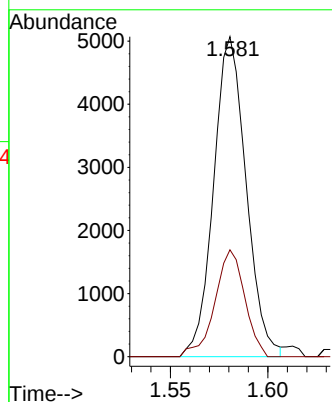
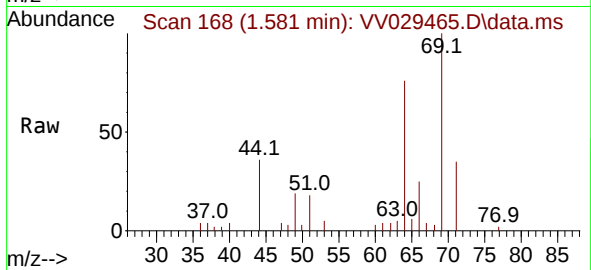
#8
Chloroethane
Concen: 2.619 ug/L
RT: 1.581 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 64 Resp: 588
Ion Ratio Lower Upper
64 100
66 33.4 22.5 41.9

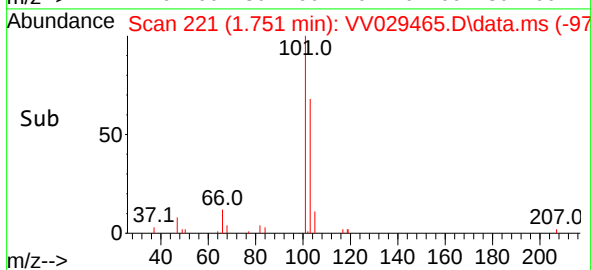
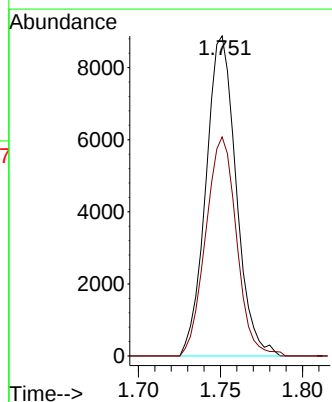
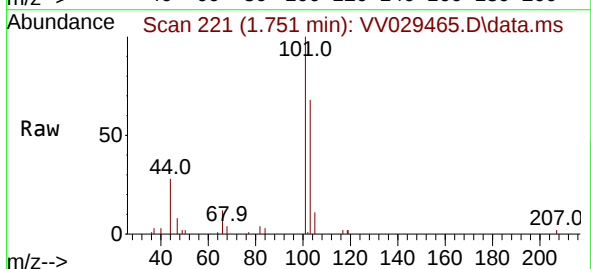
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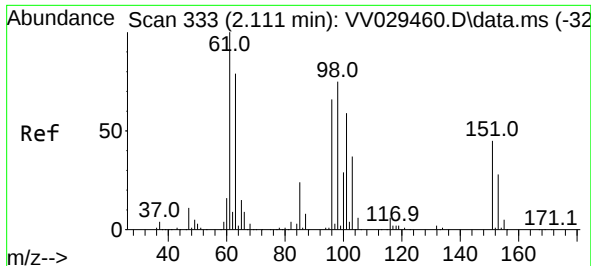
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#9
Trichlorofluoromethane
Concen: 2.253 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

Tgt Ion:101 Resp: 11382
Ion Ratio Lower Upper
101 100
103 69.4 51.8 77.8





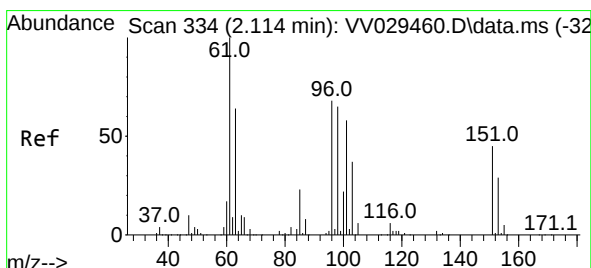
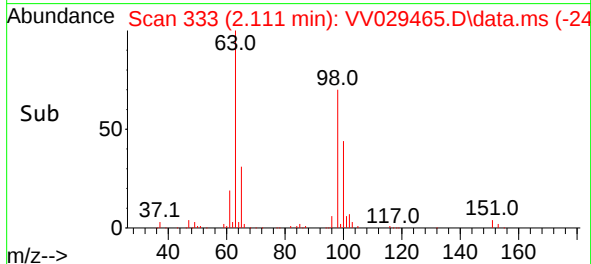
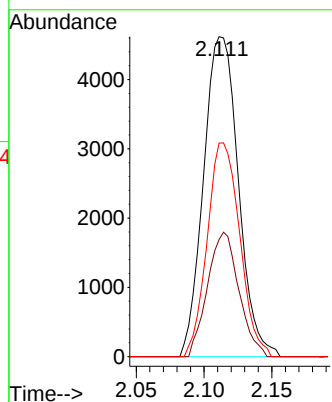
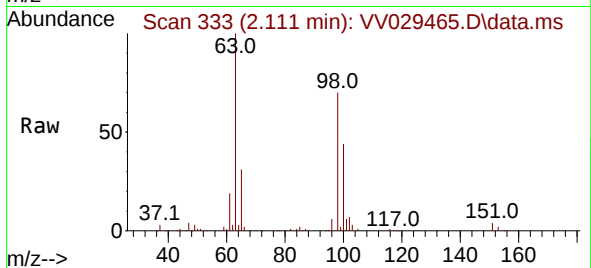
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.942 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:101 Resp: 825
Ion Ratio Lower Upper
101 100
85 34.9 33.6 50.4
151 62.4 63.5 95.3

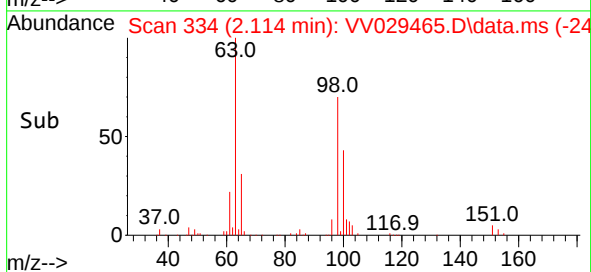
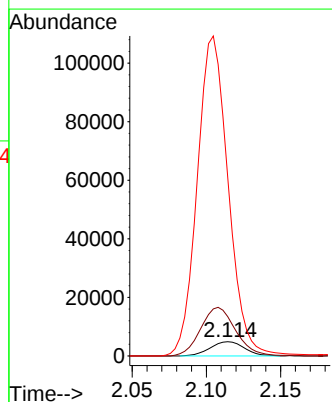
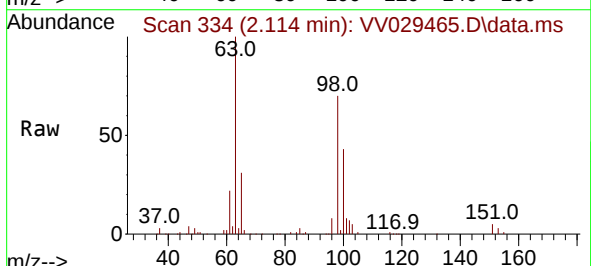
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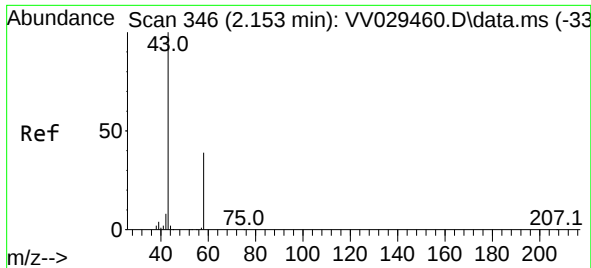
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#12
1,1-Dichloroethene
Concen: 2.725 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

Tgt Ion: 96 Resp: 7823
Ion Ratio Lower Upper
96 100
61 276.9 103.3 191.9#
63 1257.4 77.3 143.7#





#13

Acetone

Concen: 7.599 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.000 min

Lab File: VV029465.D

Acq: 08 Dec 2022 12:18

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion: 43 Resp: 9930

Ion Ratio Lower Upper

43 100

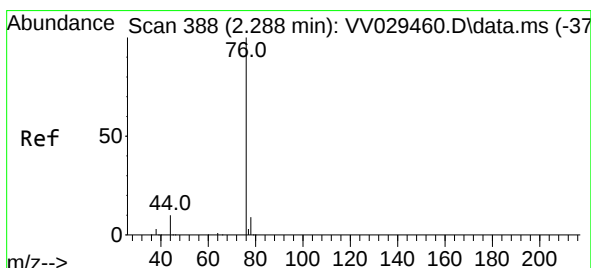
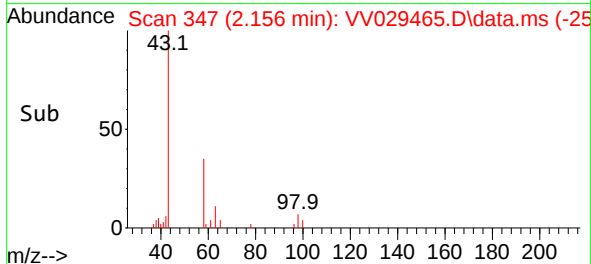
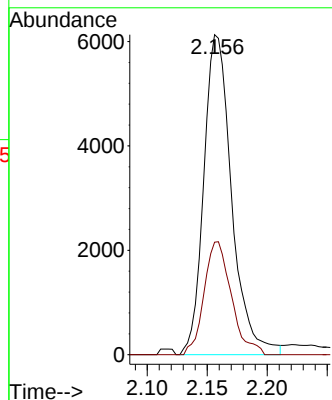
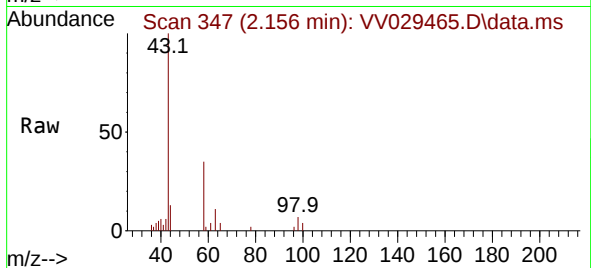
58 34.4 0.0 74.8

Manual Integrations

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Reviewed By :Krupa Patel 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#14

Carbon disulfide

Concen: 2.279 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV029465.D

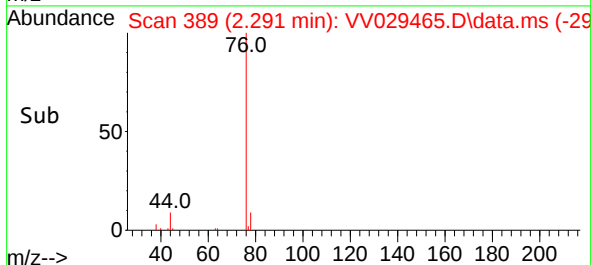
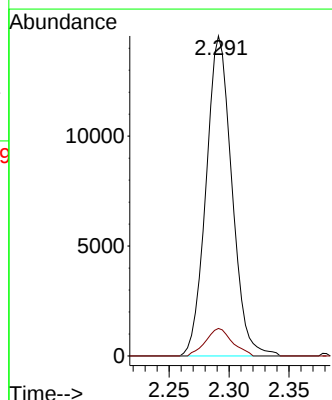
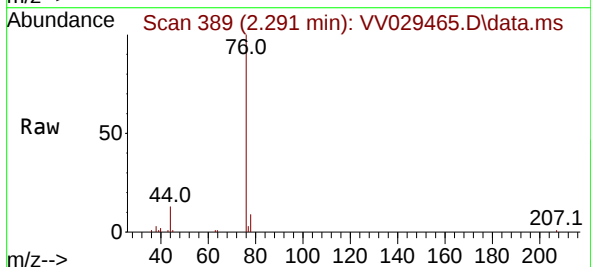
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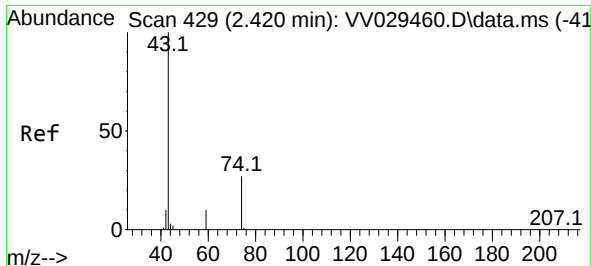
Tgt Ion: 76 Resp: 21769

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.2





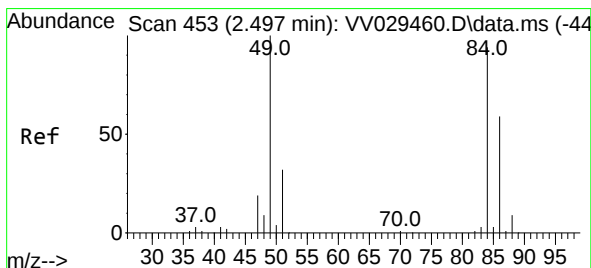
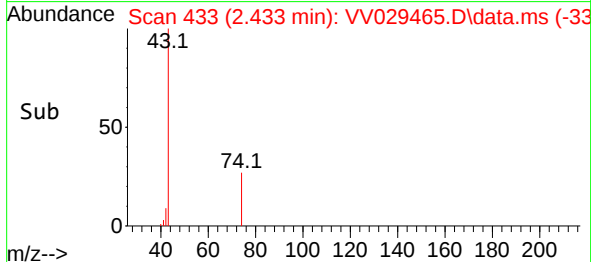
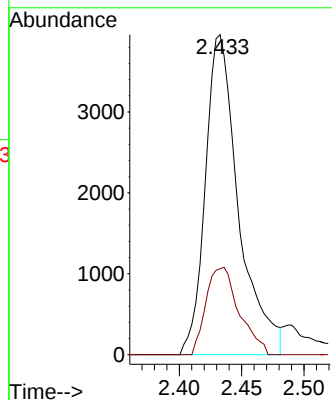
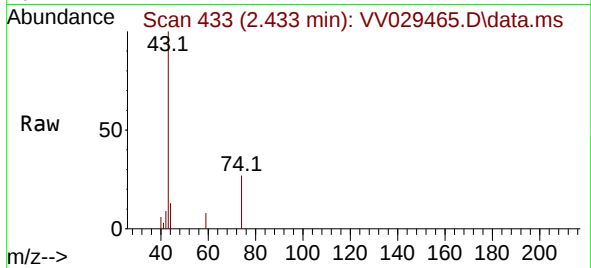
#15
Methyl Acetate
Concen: 2.470 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 735
Ion Ratio Lower Upper
43 100
74 27.2 23.5 35.3

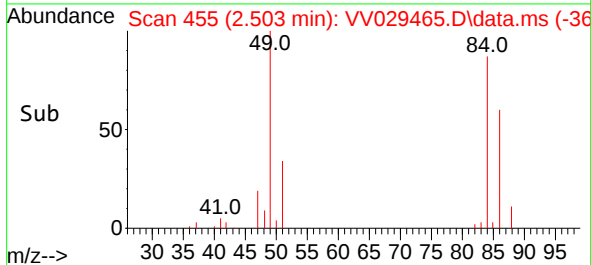
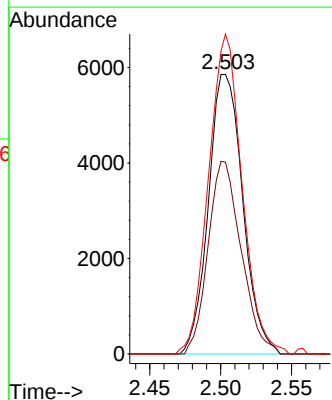
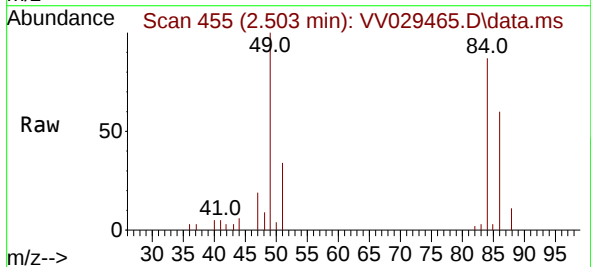
Manual Integrations
APPROVED

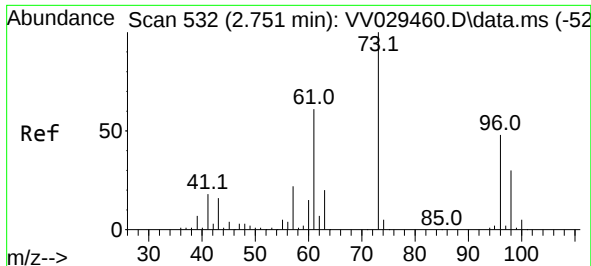
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#16
Methylene chloride
Concen: 2.764 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

Tgt Ion: 84 Resp: 9865
Ion Ratio Lower Upper
84 100
86 68.6 46.0 85.4
49 114.5 72.2 134.0





#17

trans-1,2-Dichloroethene

Concen: 2.424 ug/L

RT: 2.761 min Scan# 532

Delta R.T. 0.006 min

Lab File: VV029465.D

Acq: 08 Dec 2022 12:18

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion: 96 Resp: 8018

Ion Ratio Lower Upper

96 100

61 114.3 86.4 160.4

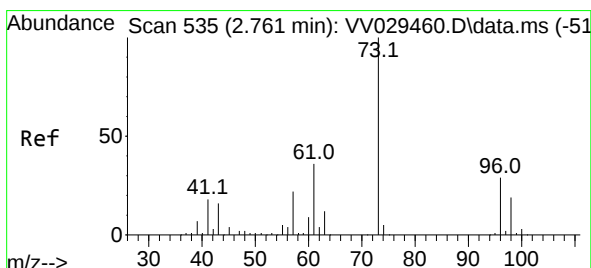
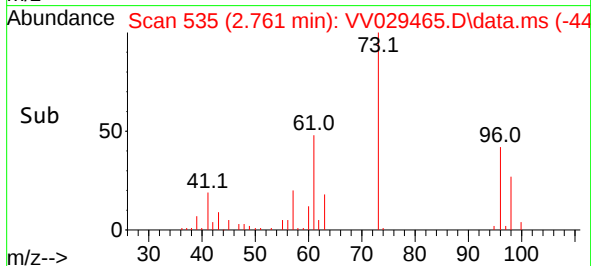
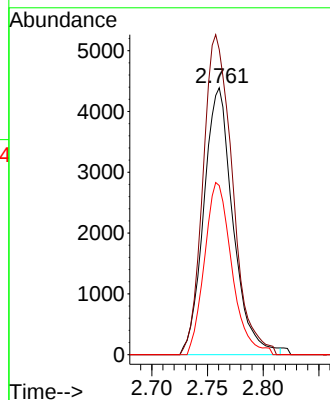
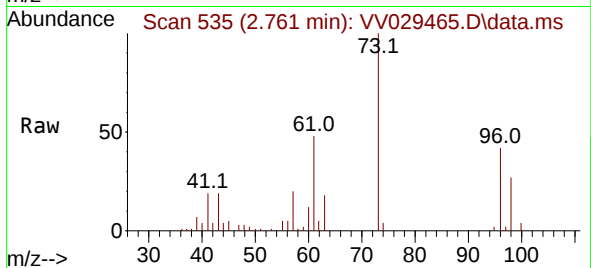
98 63.4 43.4 80.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#18

Methyl tert-butyl Ether

Concen: 2.326 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.000 min

Lab File: VV029465.D

Acq: 08 Dec 2022 12:18

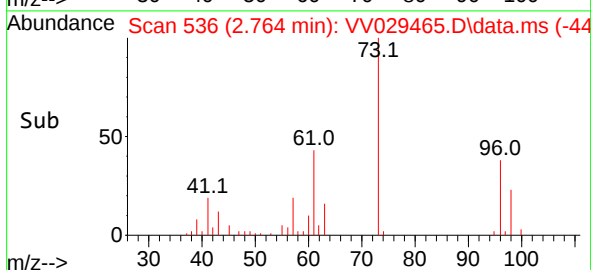
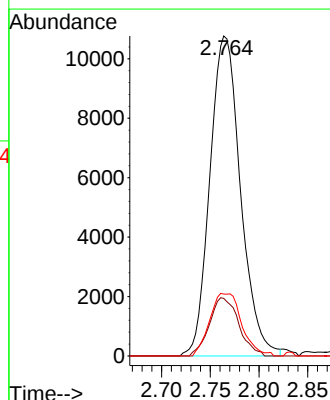
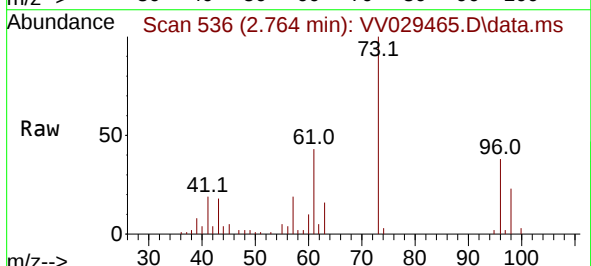
Tgt Ion: 73 Resp: 23569

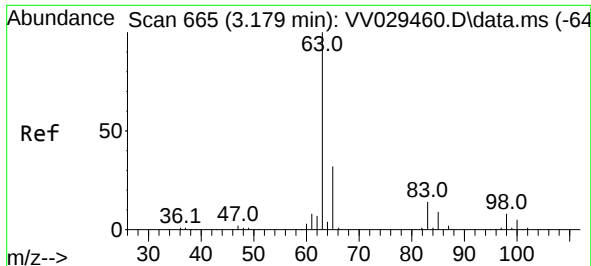
Ion Ratio Lower Upper

73 100

43 17.4 12.7 19.1

57 11.5 16.7 25.1#





#19

1,1-Dichloroethane

Concen: 2.365 ug/L

RT: 3.185 min Scan# 60

Delta R.T. 0.000 min

Lab File: VV029465.D

Acq: 08 Dec 2022 12:18

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion: 63 Resp: 1339

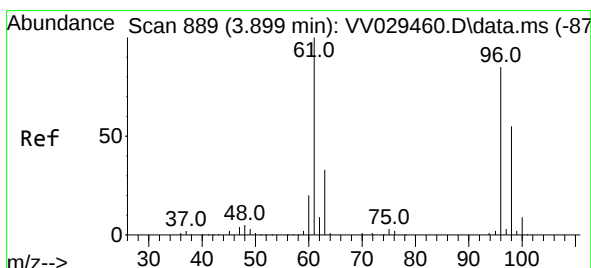
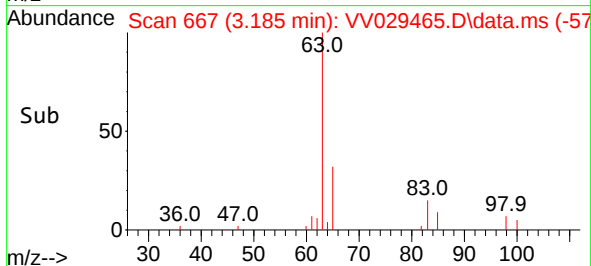
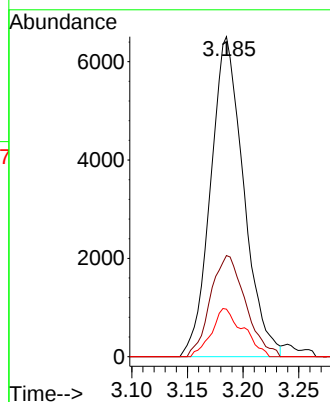
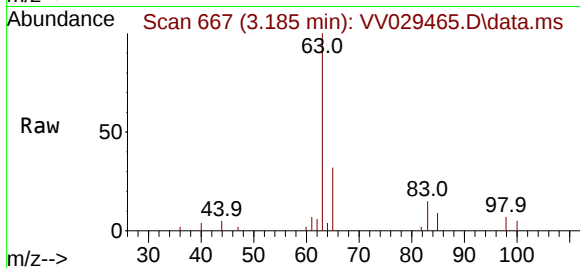
Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.5	41.7
83	14.8	10.4	19.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#20

cis-1,2-Dichloroethene

Concen: 2.309 ug/L

RT: 3.905 min Scan# 891

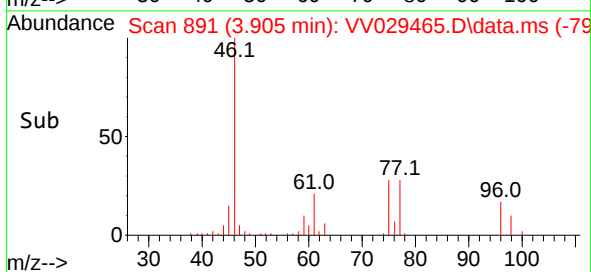
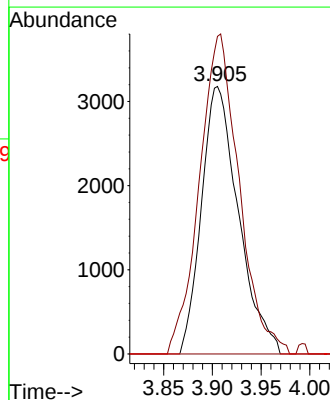
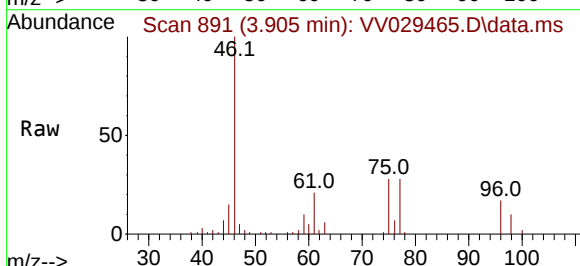
Delta R.T. 0.000 min

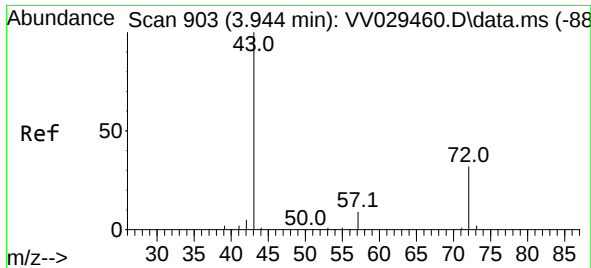
Lab File: VV029465.D

Acq: 08 Dec 2022 12:18

Tgt Ion: 96 Resp: 8399

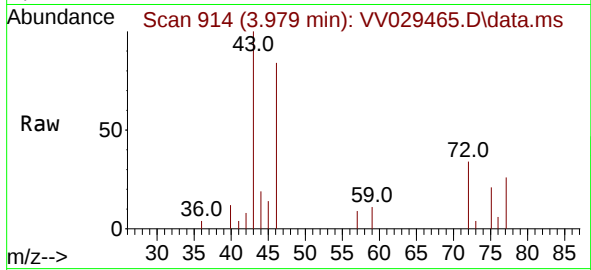
Ion	Ratio	Lower	Upper
96	100		
61	118.7	78.0	144.9
68	0.0	0.0	0.0





#22
2-Butanone
Concen: 6.609 ug/L m
RT: 3.979 min Scan# 914
Delta R.T. 0.026 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

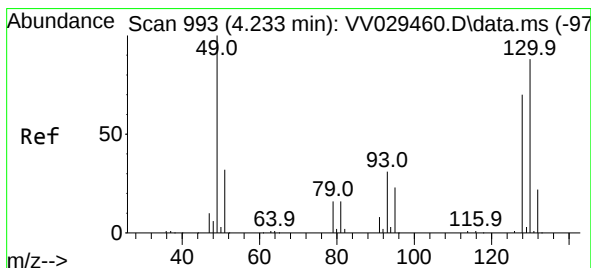
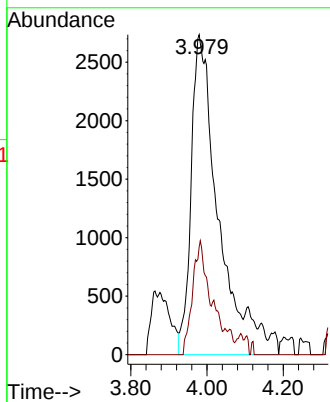
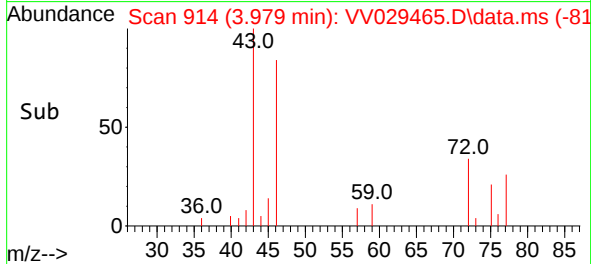
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion: 43 Resp: 1374
Ion Ratio Lower Upper
43 100
72 0.3 15.9 47.6

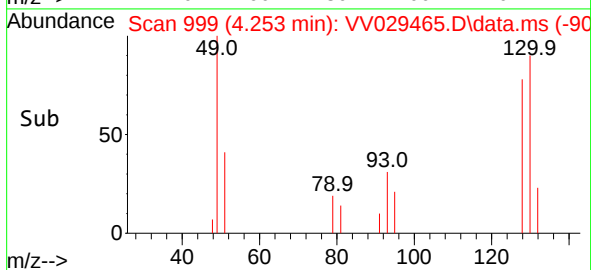
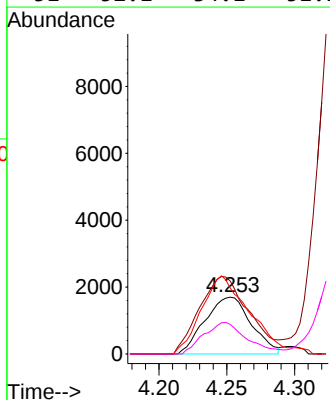
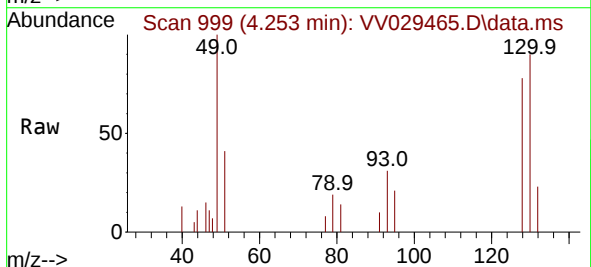
Manual Integrations
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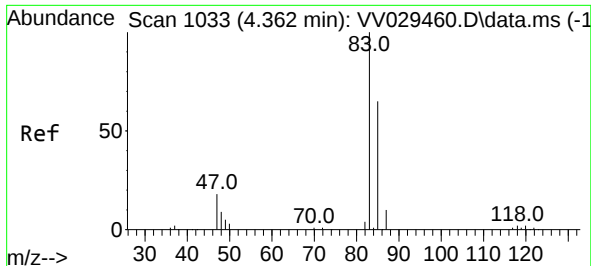
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#23
Bromochloromethane
Concen: 2.154 ug/L
RT: 4.253 min Scan# 999
Delta R.T. 0.013 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

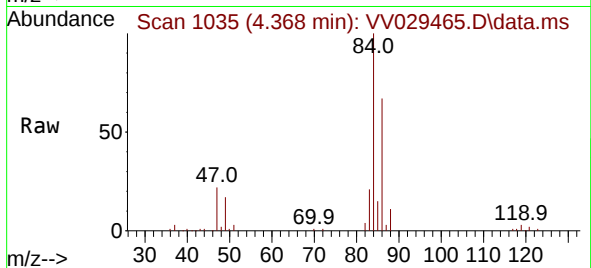
Tgt Ion:128 Resp: 4034
Ion Ratio Lower Upper
128 100
49 128.2 92.2 171.2
130 115.9 88.3 164.1
51 52.1 34.1 51.1#





#25
Chloroform
Concen: 2.613 ug/L
RT: 4.368 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

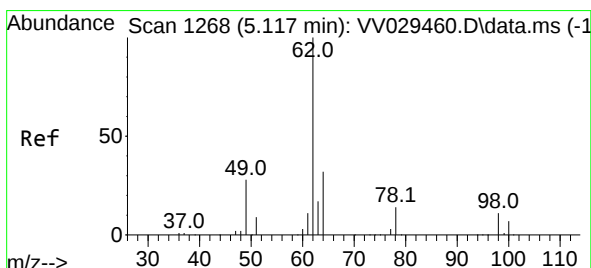
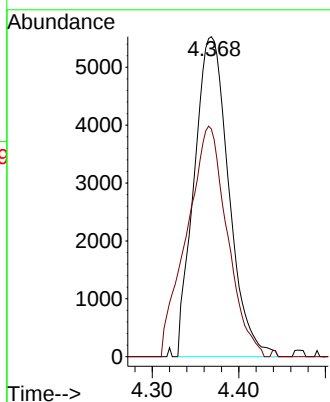
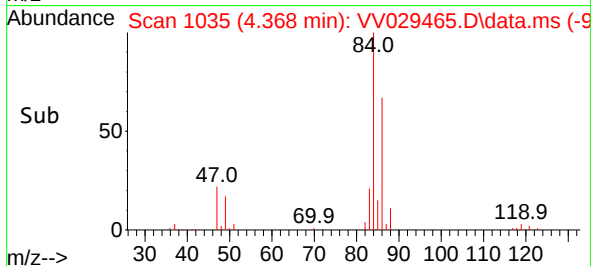
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion: 83 Resp: 1534
Ion Ratio Lower Upper
83 100
85 71.2 45.1 83.9

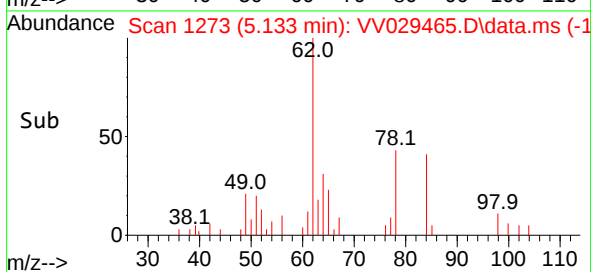
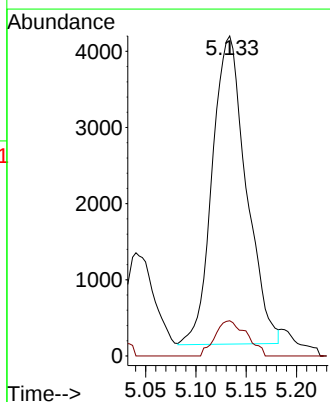
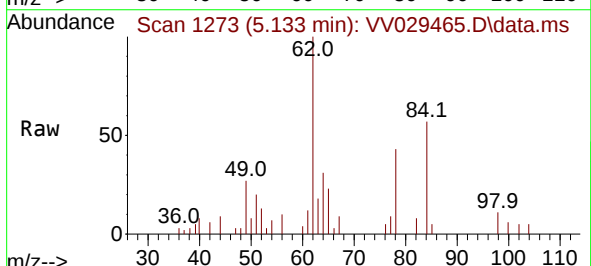
Manual Integrations
APPROVED

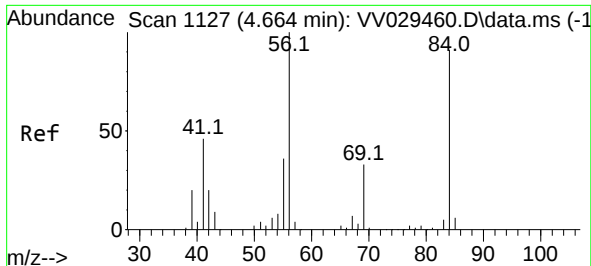
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#27
1,2-Dichloroethane
Concen: 2.290 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.010 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

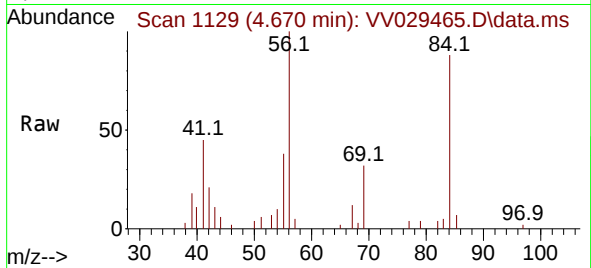
Tgt Ion: 62 Resp: 9501
Ion Ratio Lower Upper
62 100
98 11.0 9.4 14.0





#29
Cyclohexane
Concen: 2.354 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

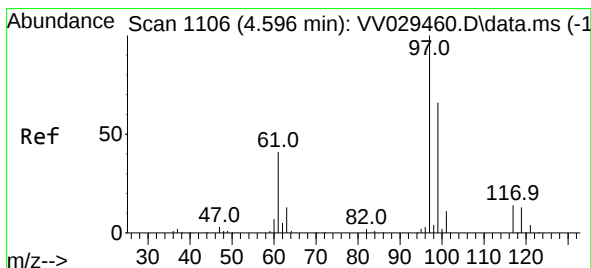
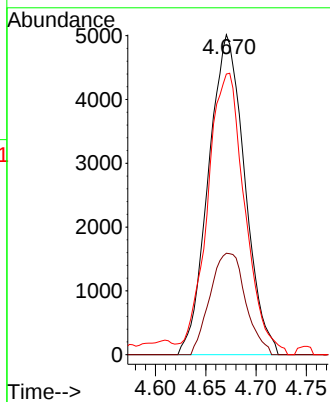
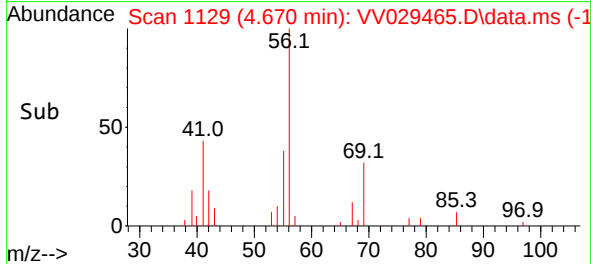
Instrument :
MSVOA_V
ClientSampleId :
MDL04



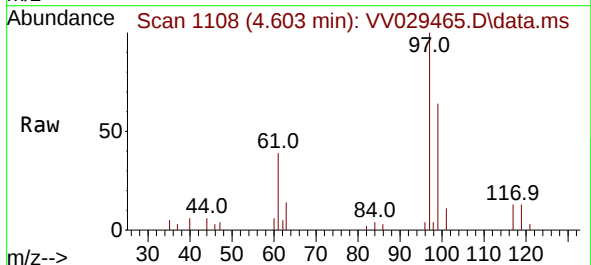
Tgt Ion: 56 Resp: 12570
Ion Ratio Lower Upper
56 100
69 31.1 25.8 38.8
84 90.7 76.6 114.8

Manual Integrations
APPROVED

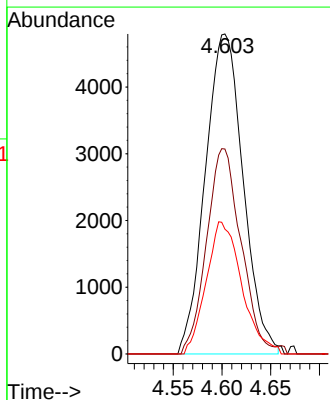
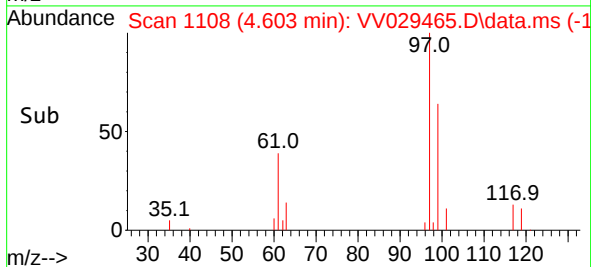
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

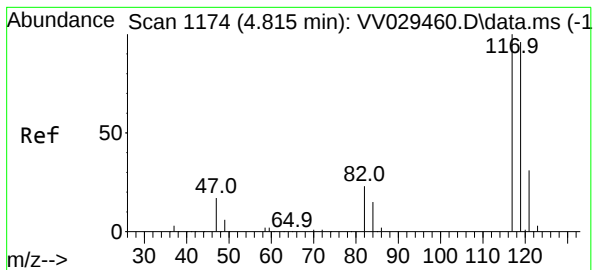


#30
1,1,1-Trichloroethane
Concen: 2.411 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18



Tgt Ion: 97 Resp: 12946
Ion Ratio Lower Upper
97 100
99 58.3 52.1 78.1
61 38.8 31.8 47.8





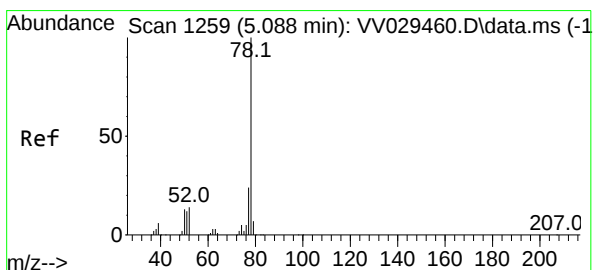
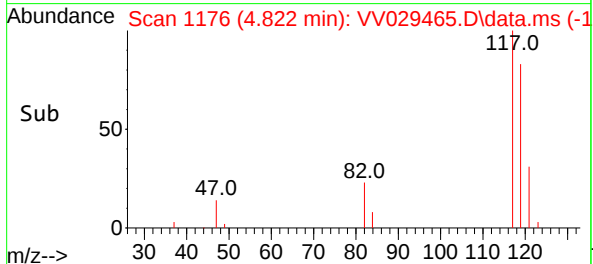
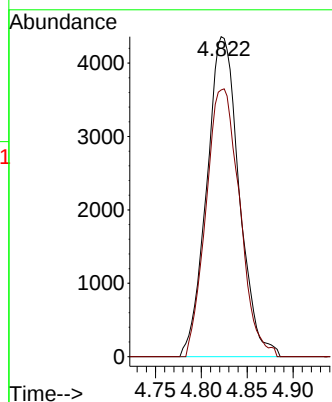
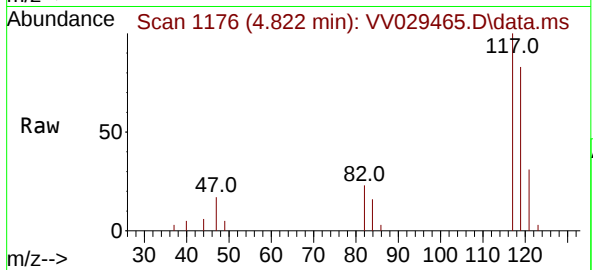
#31
Carbon tetrachloride
Concen: 2.285 ug/L
RT: 4.822 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:117 Resp: 10710
Ion Ratio Lower Upper
117 100
119 86.4 76.7 115.1

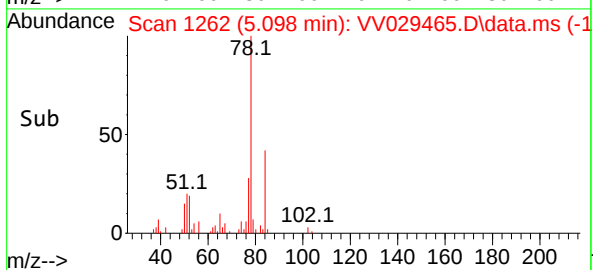
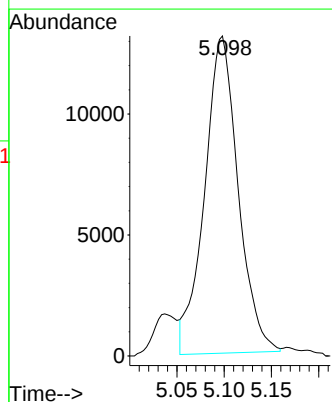
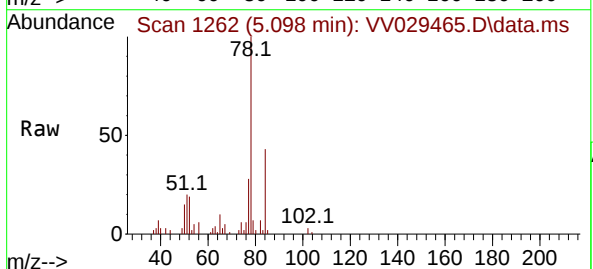
Manual Integrations
APPROVED

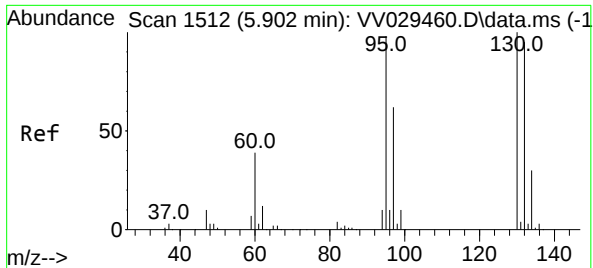
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#33
Benzene
Concen: 2.331 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

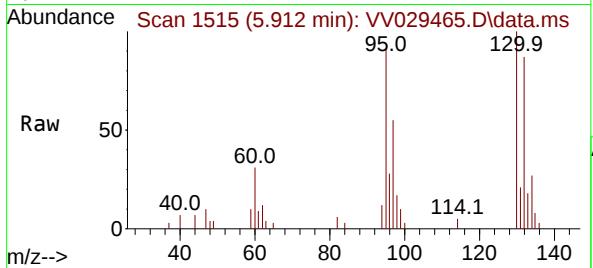
Tgt Ion: 78 Resp: 32384





#34
Trichloroethene
Concen: 2.340 ug/L
RT: 5.912 min Scan# 1512
Delta R.T. 0.003 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

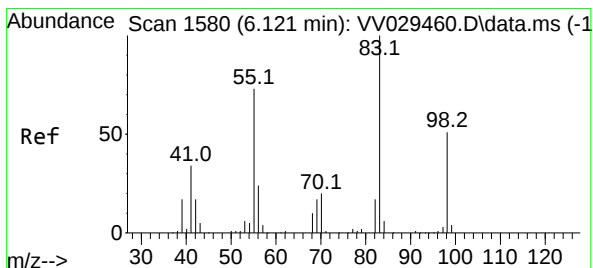
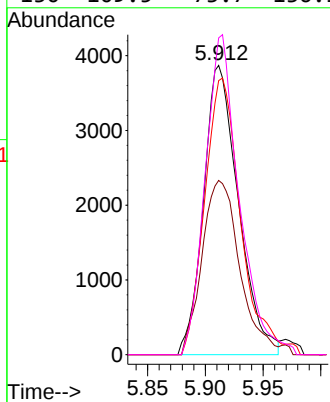
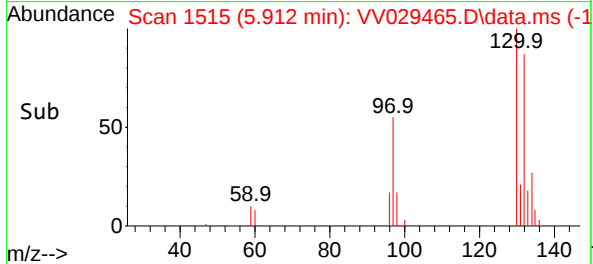
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion: 95 Resp: 8140
Ion Ratio Lower Upper
95 100
97 60.2 44.0 81.8
132 94.7 69.9 129.9
130 109.5 73.7 136.9

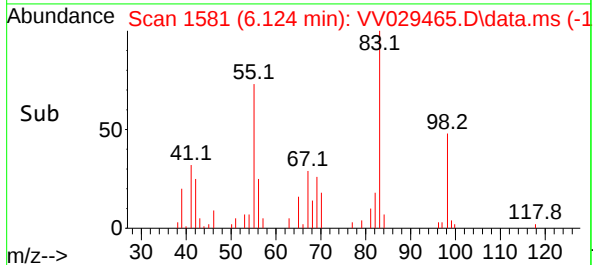
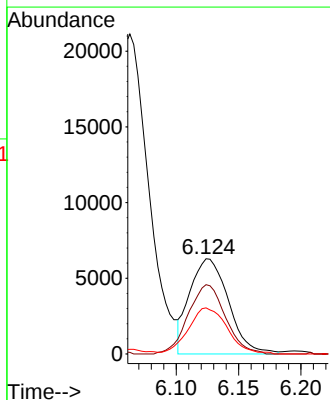
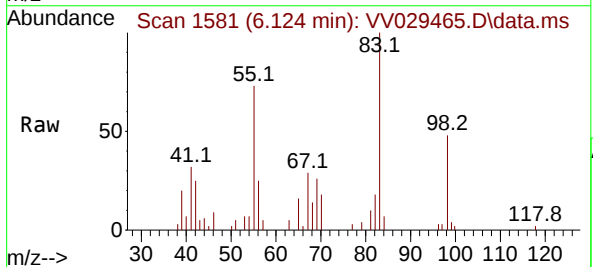
Manual Integrations
APPROVED

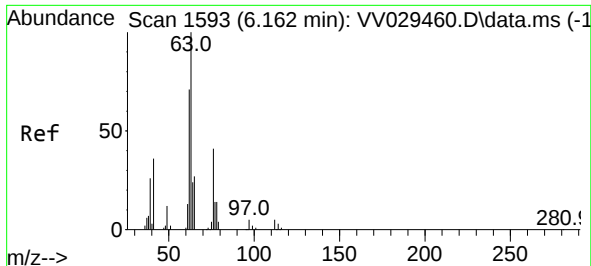
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#35
Methylcyclohexane
Concen: 2.302 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

Tgt Ion: 83 Resp: 13610
Ion Ratio Lower Upper
83 100
55 69.6 55.5 83.3
98 45.6 39.8 59.8





#37

1,2-Dichloropropane

Concen: 2.371 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029465.D

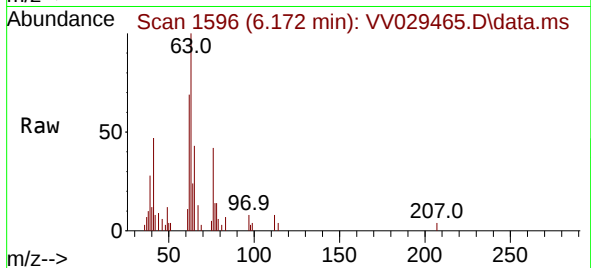
Acq: 08 Dec 2022 12:18

Instrument :

MSVOA_V

ClientSampleId :

MDL04



Tgt Ion: 63 Resp: 7952

Ion Ratio Lower Upper

63 100

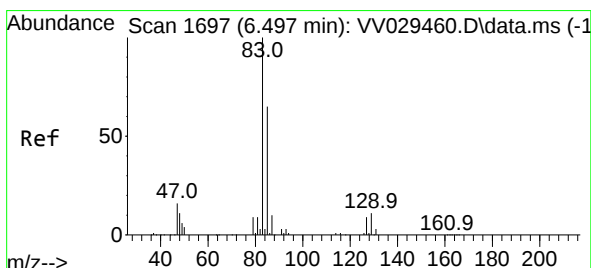
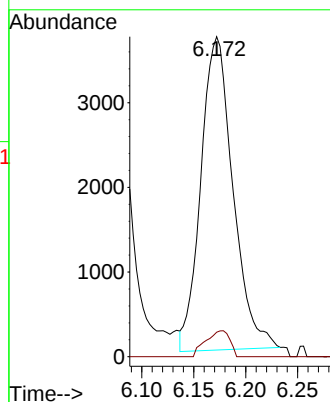
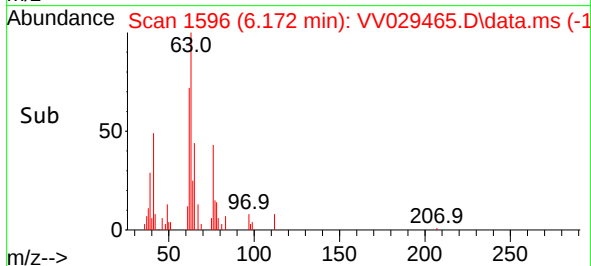
112 6.2 3.9 5.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#38

Bromodichloromethane

Concen: 2.243 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV029465.D

Acq: 08 Dec 2022 12:18

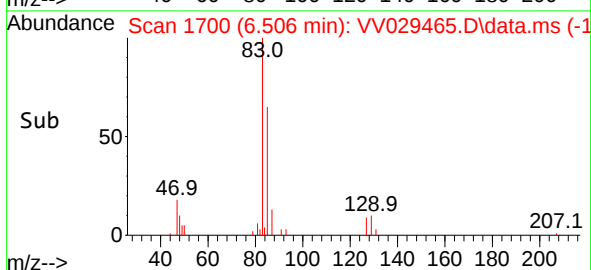
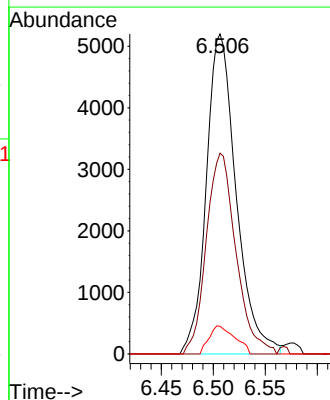
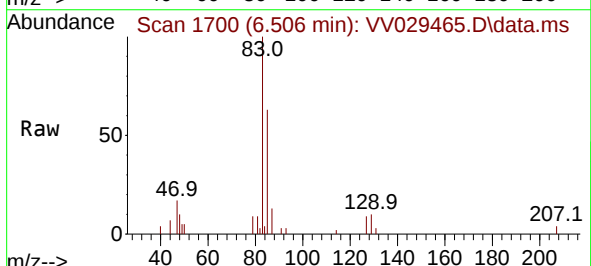
Tgt Ion: 83 Resp: 10384

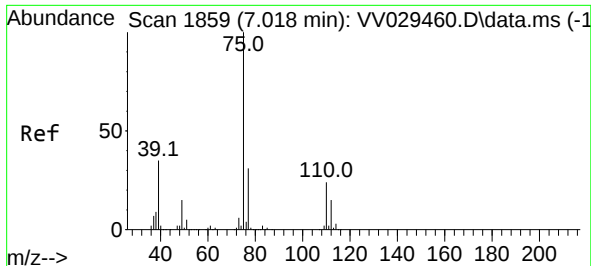
Ion Ratio Lower Upper

83 100

85 62.8 45.3 84.1

127 8.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 2.367 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV029465.D

Acq: 08 Dec 2022 12:18

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion: 75 Resp: 1305

Ion Ratio Lower Upper

75 100

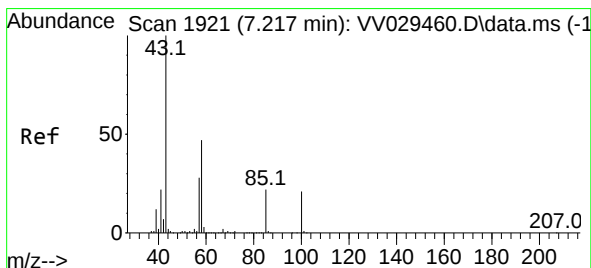
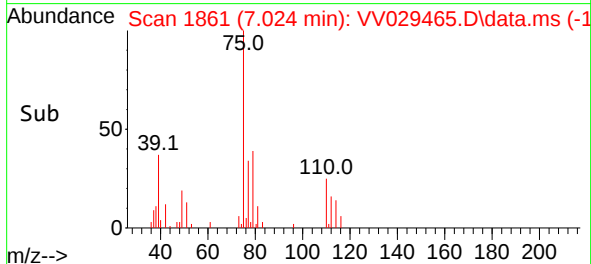
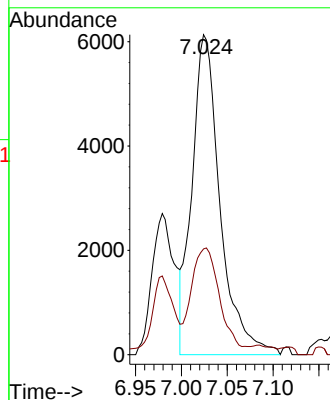
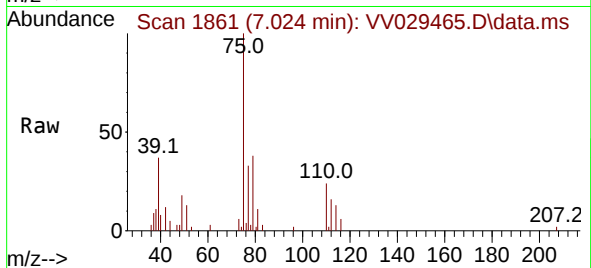
77 33.0 21.9 40.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#40

4-Methyl-2-pentanone

Concen: 4.740 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.006 min

Lab File: VV029465.D

Acq: 08 Dec 2022 12:18

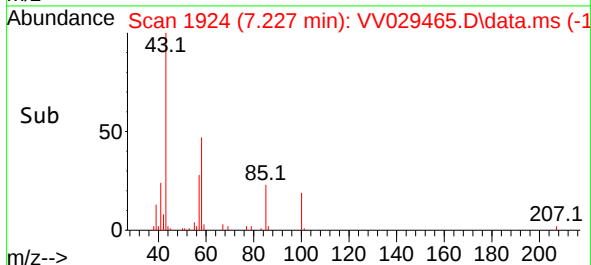
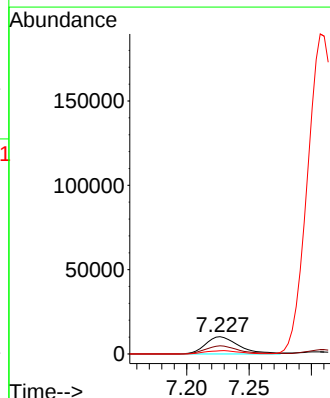
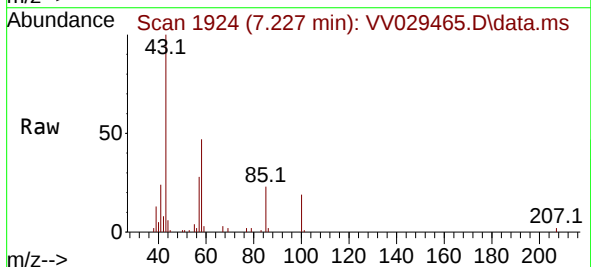
Tgt Ion: 43 Resp: 18952

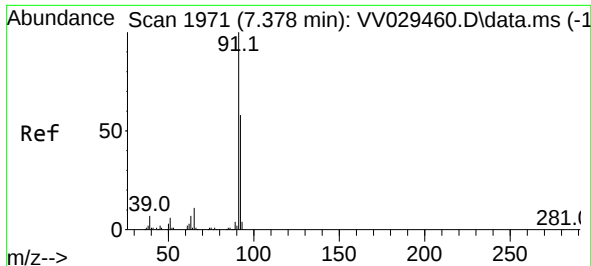
Ion Ratio Lower Upper

43 100

58 48.5 37.5 56.3

100 20.2 16.7 25.1





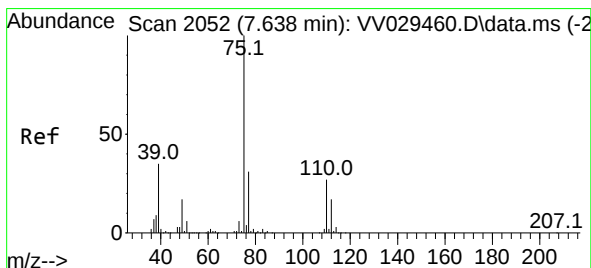
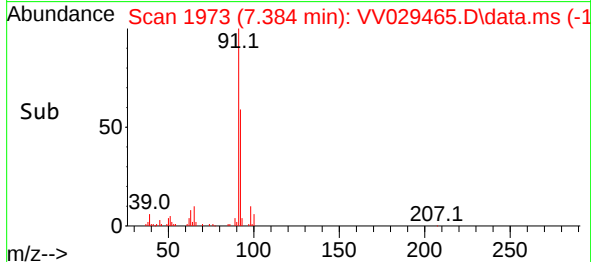
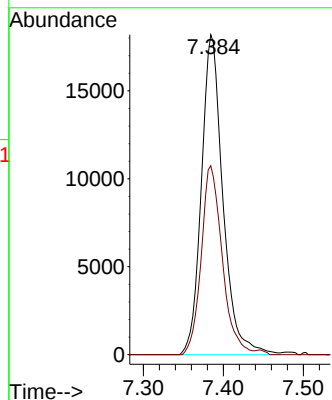
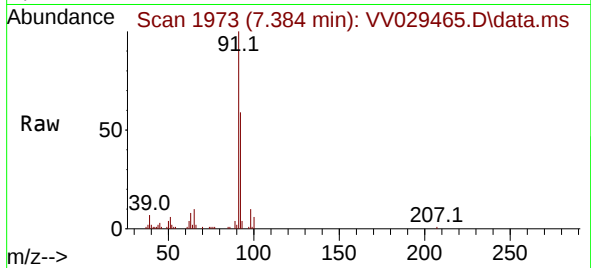
#42
Toluene
Concen: 2.281 ug/L
RT: 7.384 min Scan# 1971
Delta R.T. 0.003 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 91 Resp: 3410
Ion Ratio Lower Upper
91 100
92 59.1 40.6 75.4

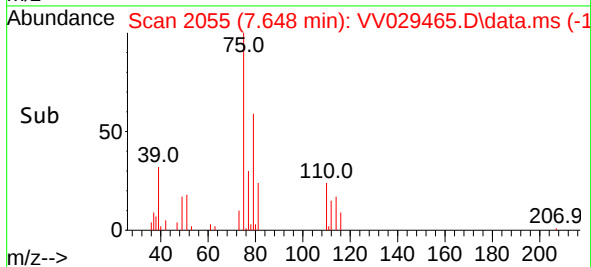
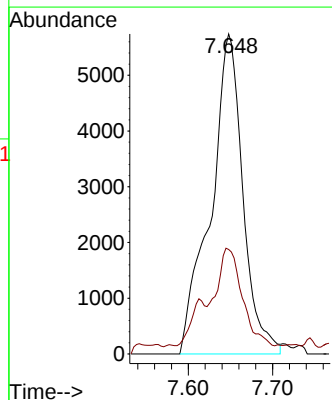
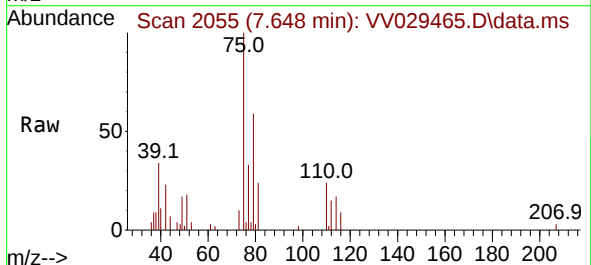
Manual Integrations
APPROVED

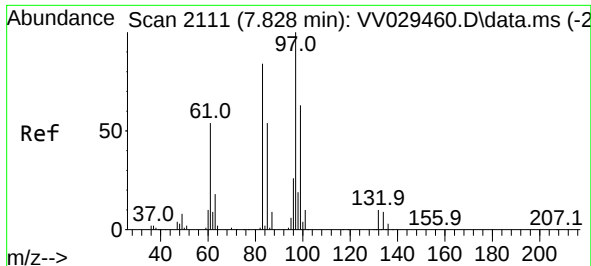
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#44
trans-1,3-Dichloropropene
Concen: 2.911 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

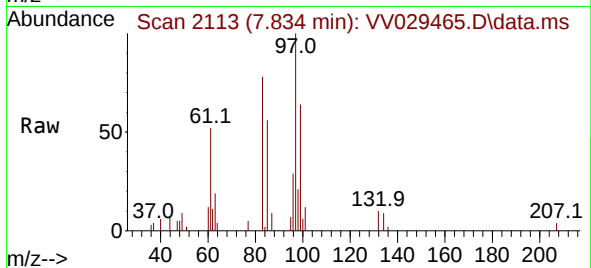
Tgt Ion: 75 Resp: 15206
Ion Ratio Lower Upper
75 100
77 32.6 22.3 41.5





#45
1,1,2-Trichloroethane
Concen: 2.253 ug/L
RT: 7.834 min Scan# 2111
Delta R.T. 0.003 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

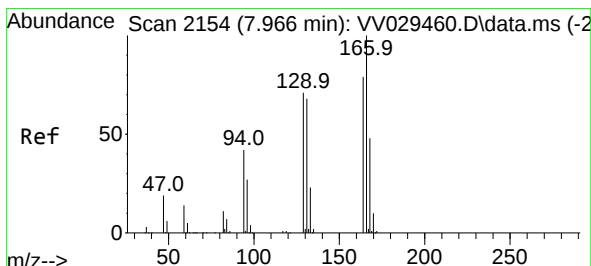
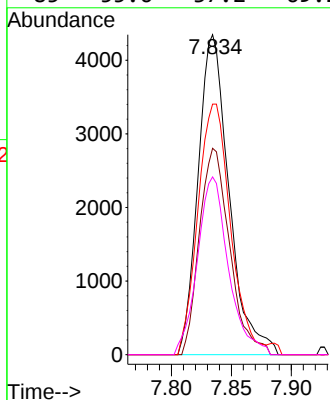
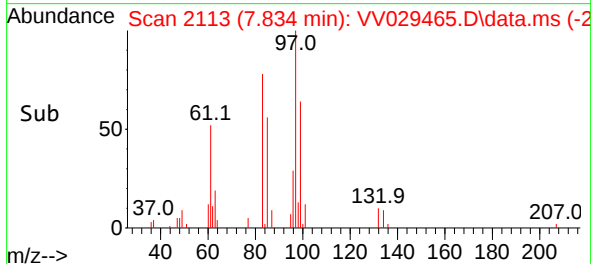
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	43.8	81.3
83	78.3	58.6	108.8
85	55.6	37.2	69.2

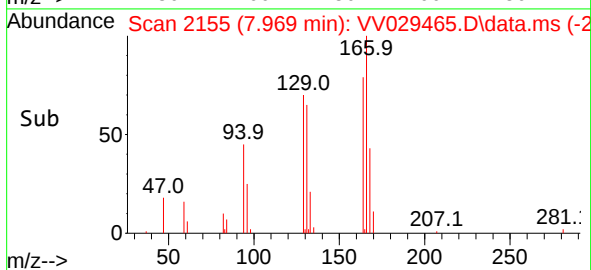
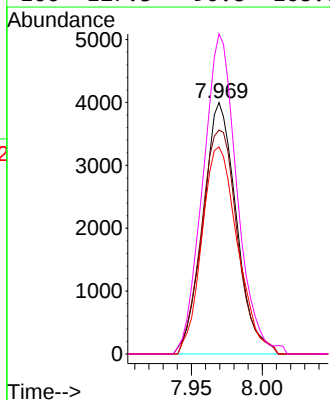
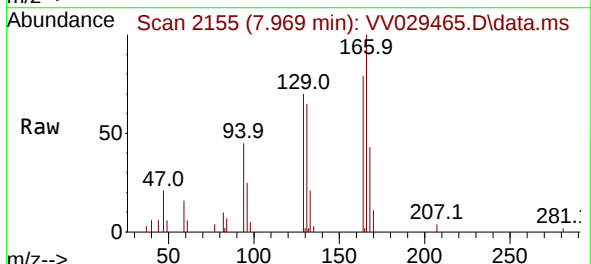
Manual Integrations
APPROVED

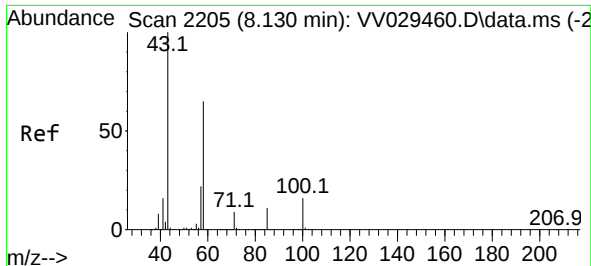
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#46
Tetrachloroethene
Concen: 2.328 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

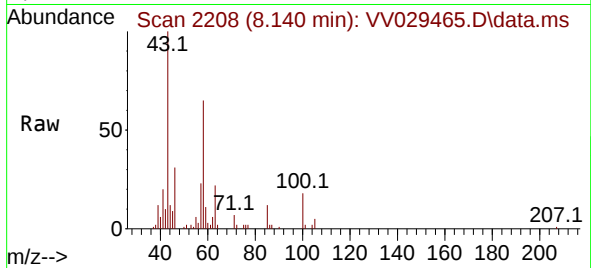
Tgt Ion	Ratio	Lower	Upper
164	100		
129	89.1	65.3	121.3
131	82.4	63.1	117.1
166	127.3	90.8	168.6





#48
2-Hexanone
Concen: 6.345 ug/L
RT: 8.140 min Scan# 2205
Delta R.T. 0.006 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

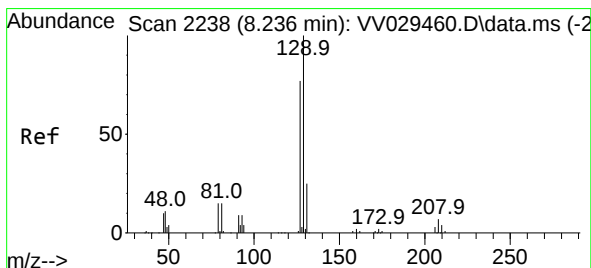
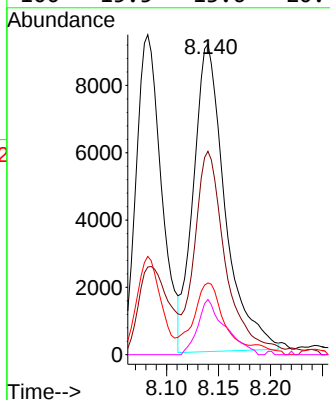
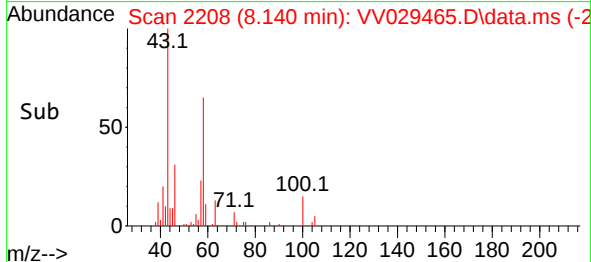
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion: 43 Resp: 1938
Ion Ratio Lower Upper
43 100
58 64.9 54.1 81.1
57 18.4 17.4 26.0
100 15.5 13.6 20.4

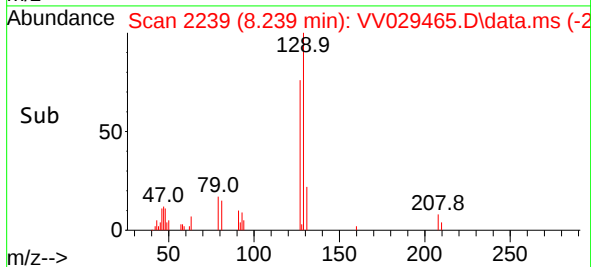
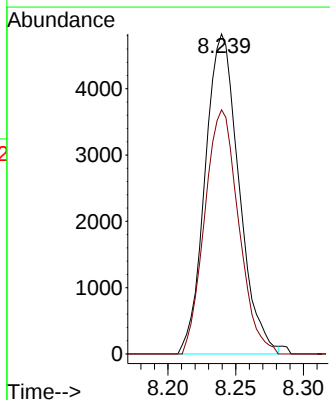
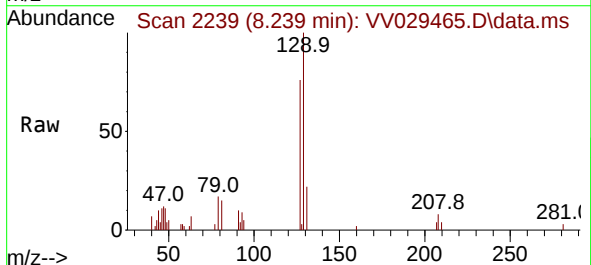
Manual Integrations
APPROVED

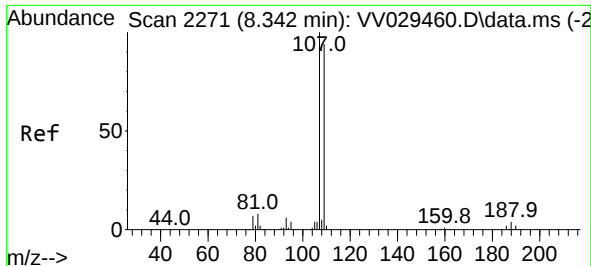
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#49
Dibromochloromethane
Concen: 2.192 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

Tgt Ion:129 Resp: 8386
Ion Ratio Lower Upper
129 100
127 76.3 55.2 102.4





#50

1,2-Dibromoethane

Concen: 2.337 ug/L

RT: 8.346 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029465.D

Acq: 08 Dec 2022 12:18

Instrument :

MSVOA_V

ClientSampleId :

MDL04

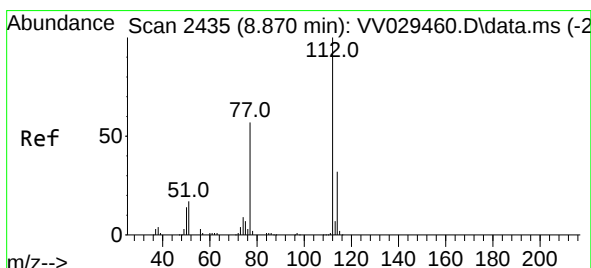
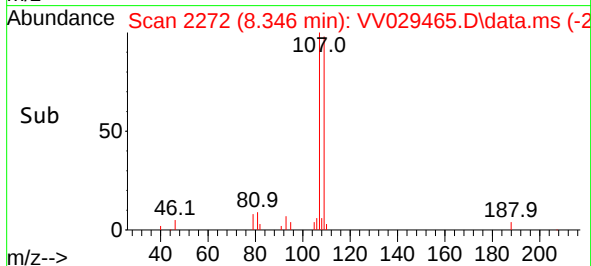
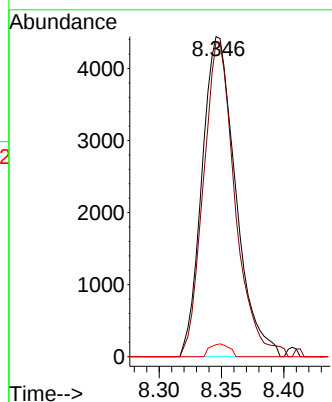
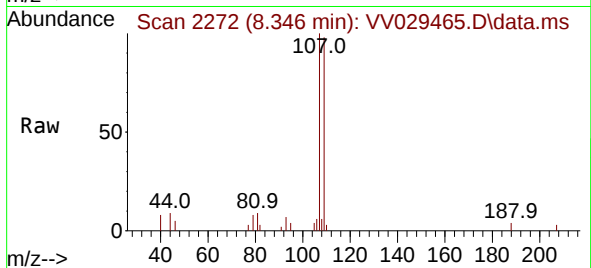
Tgt Ion:	107	Resp:	834
Ion Ratio	Lower	Upper	
107	100		
109	98.4	66.0	122.6
188	3.7	3.2	4.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#51

Chlorobenzene

Concen: 2.433 ug/L

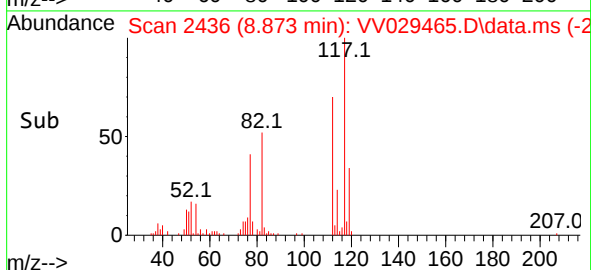
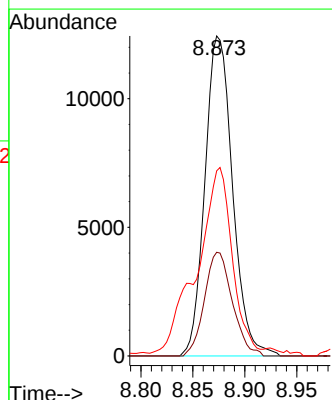
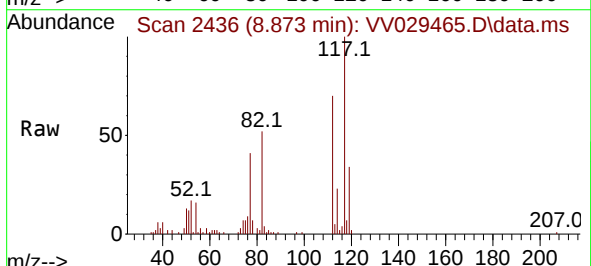
RT: 8.873 min Scan# 2436

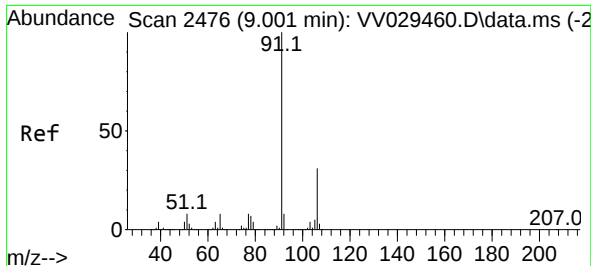
Delta R.T. 0.000 min

Lab File: VV029465.D

Acq: 08 Dec 2022 12:18

Tgt Ion:	112	Resp:	23041
Ion Ratio	Lower	Upper	
112	100		
114	32.4	22.3	41.3
77	57.9	45.0	67.4





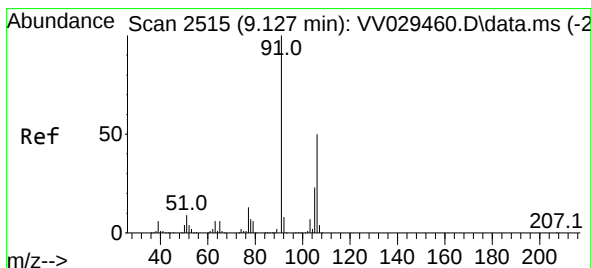
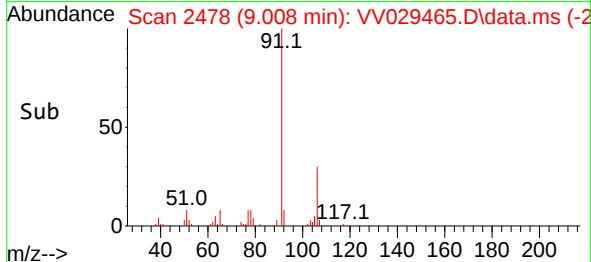
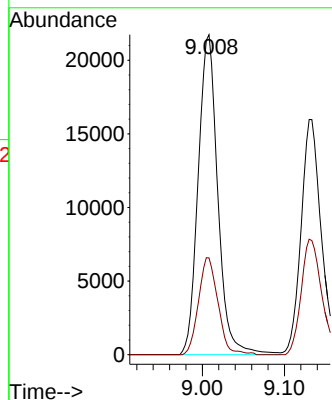
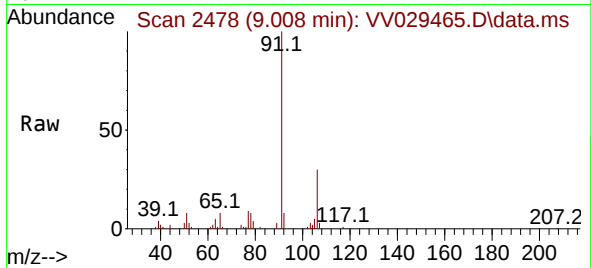
#52
Ethylbenzene
Concen: 2.298 ug/L
RT: 9.008 min Scan# 2476
Delta R.T. 0.003 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 91 Resp: 36129
Ion Ratio Lower Upper
91 100
106 30.2 21.8 40.6

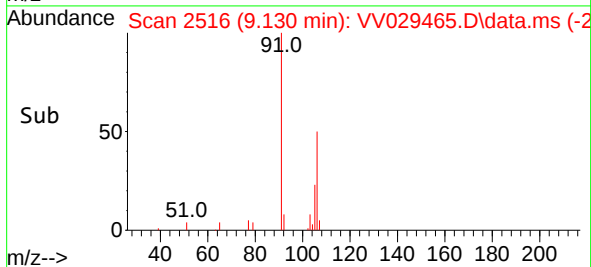
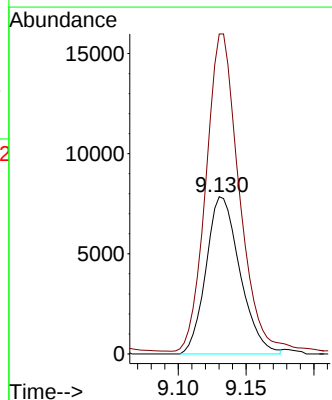
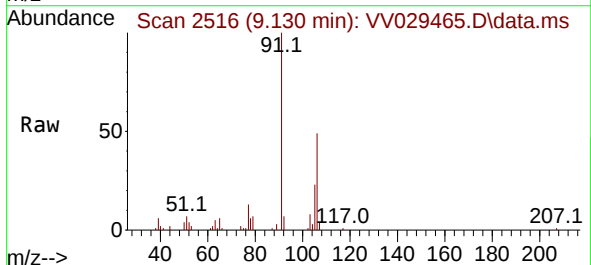
Manual Integrations
APPROVED

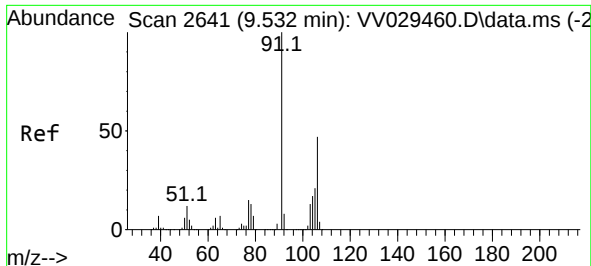
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#53
m,p-Xylene
Concen: 2.194 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

Tgt Ion:106 Resp: 13655
Ion Ratio Lower Upper
106 100
91 203.5 139.5 259.1





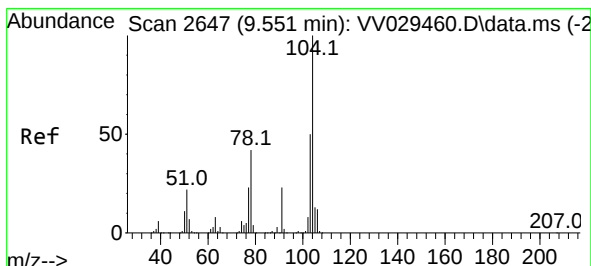
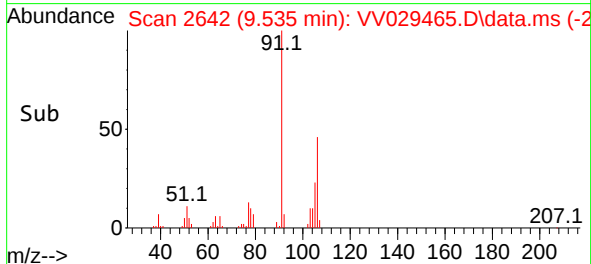
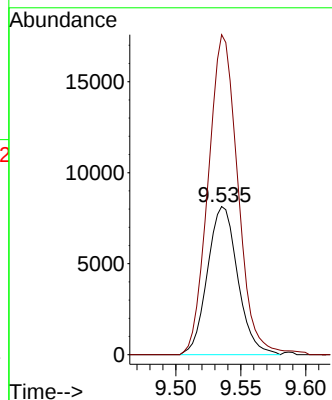
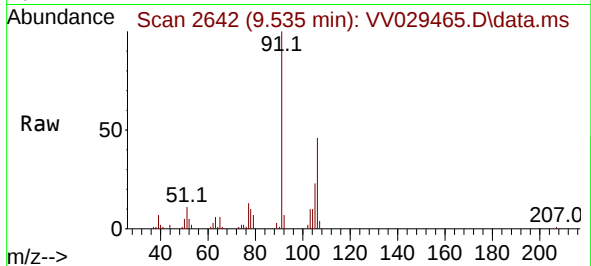
#54
o-Xylene
Concen: 2.143 ug/L
RT: 9.535 min Scan# 2641
Delta R.T. 0.000 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:106 Resp: 13190
Ion Ratio Lower Upper
106 100
91 216.1 148.0 274.8

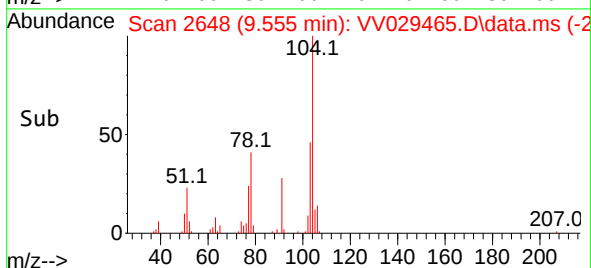
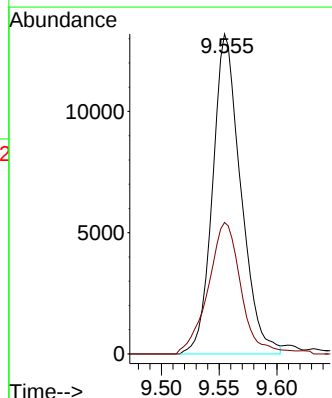
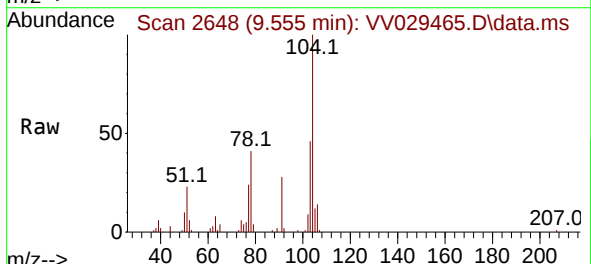
Manual Integrations
APPROVED

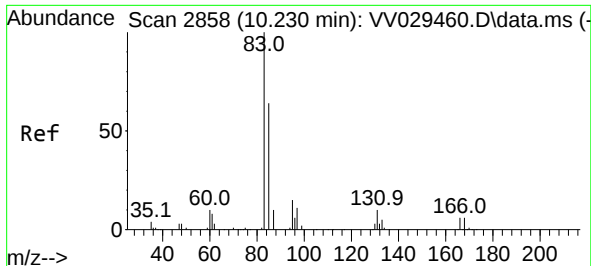
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#55
Styrene
Concen: 2.093 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

Tgt Ion:104 Resp: 22385
Ion Ratio Lower Upper
104 100
78 41.1 29.4 54.6





#57

1,1,2,2-Tetrachloroethane

Concen: 2.456 ug/L

RT: 10.230 min Scan# 2701

Delta R.T. 0.000 min

Lab File: VV029465.D

Acq: 08 Dec 2022 12:18

Instrument :

MSVOA_V

ClientSampleId :

MDL04

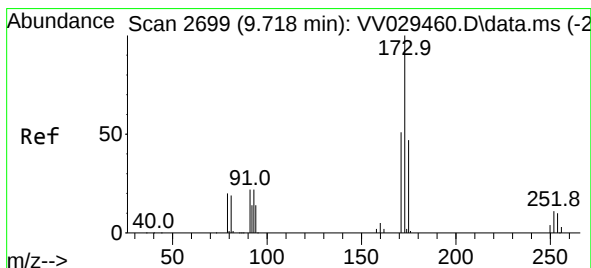
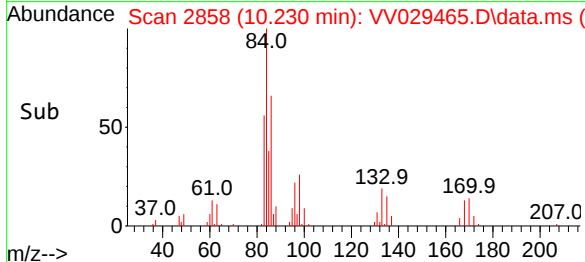
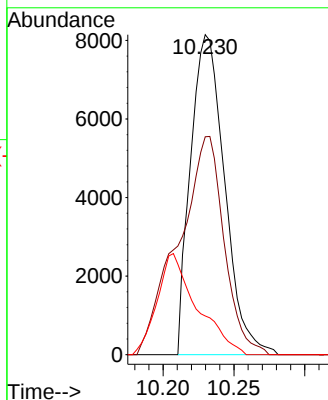
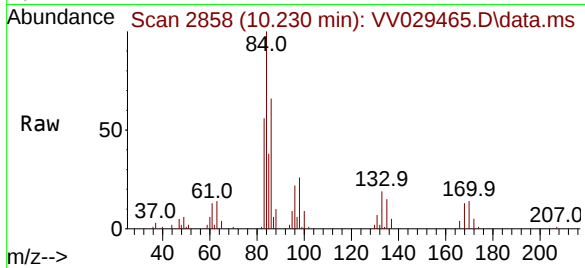
Tgt Ion:	83	Resp:	13610
Ion Ratio	Lower	Upper	
83	100		
85	68.1	45.7	84.9
131	12.1	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#59

Bromoform

Concen: 2.188 ug/L

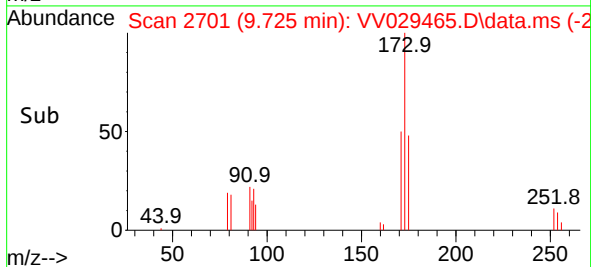
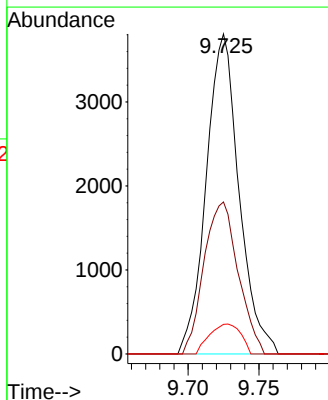
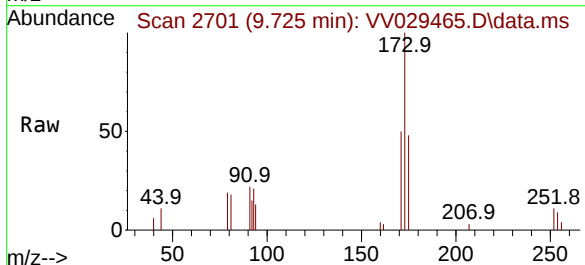
RT: 9.725 min Scan# 2701

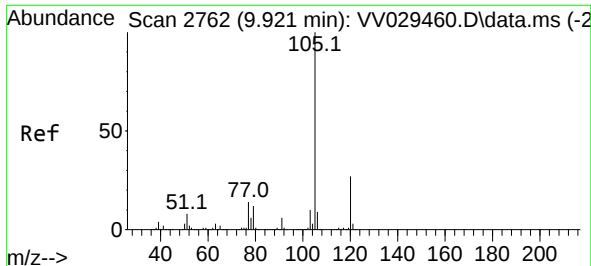
Delta R.T. 0.003 min

Lab File: VV029465.D

Acq: 08 Dec 2022 12:18

Tgt Ion:	173	Resp:	6135
Ion Ratio	Lower	Upper	
173	100		
175	49.5	38.4	57.6
254	8.9	7.8	11.8





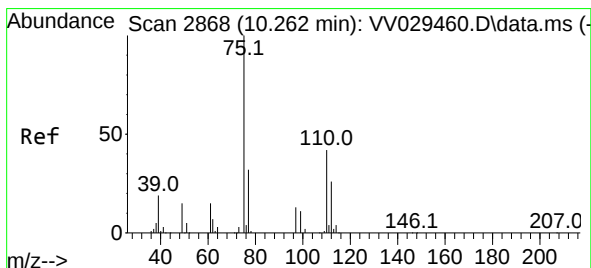
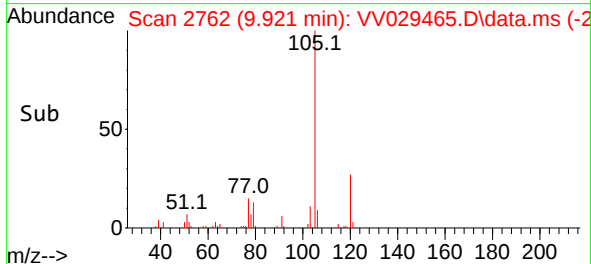
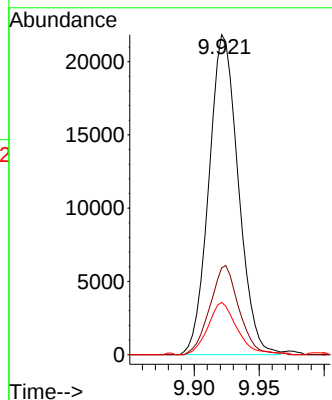
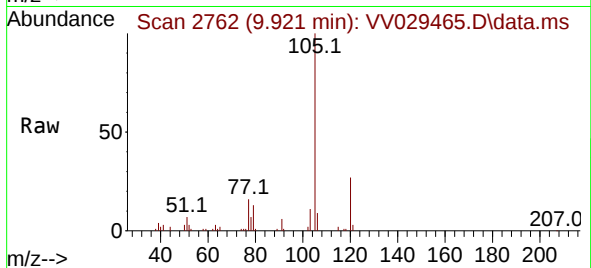
#60
Isopropylbenzene
Concen: 2.306 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:105 Resp: 34370
Ion Ratio Lower Upper
105 100
120 27.5 21.1 31.7
77 16.3 11.6 17.4

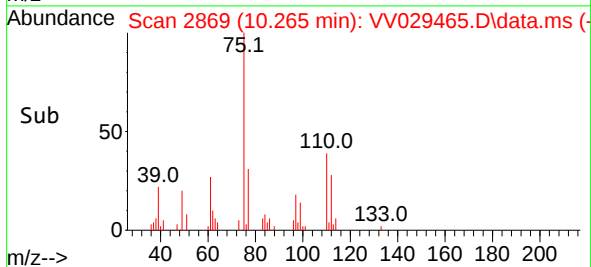
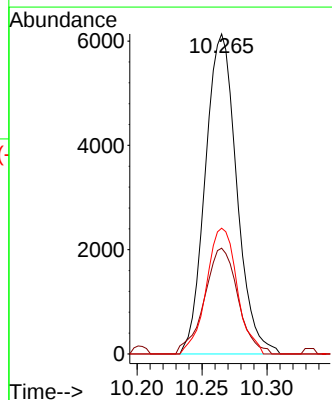
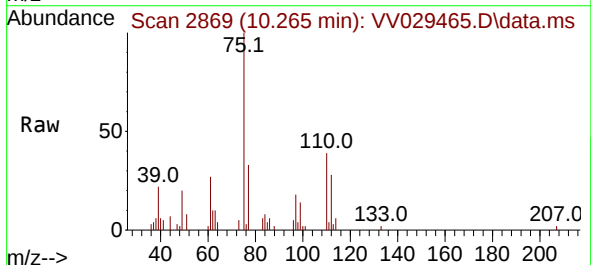
Manual Integrations
APPROVED

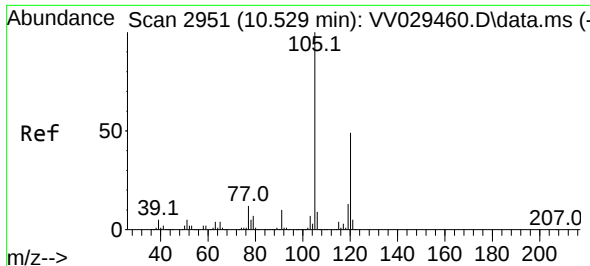
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#61
1,2,3-Trichloropropane
Concen: 2.629 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.003 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

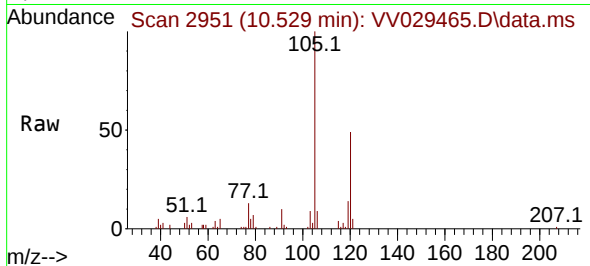
Tgt Ion: 75 Resp: 10304
Ion Ratio Lower Upper
75 100
77 35.3 25.4 38.2
110 38.5 32.7 49.1





#62
1,3,5-Trimethylbenzene
Concen: 2.170 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

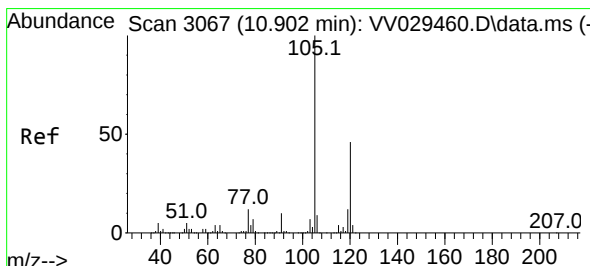
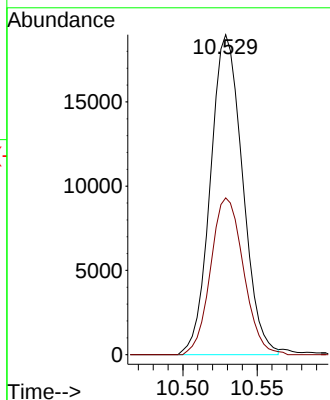
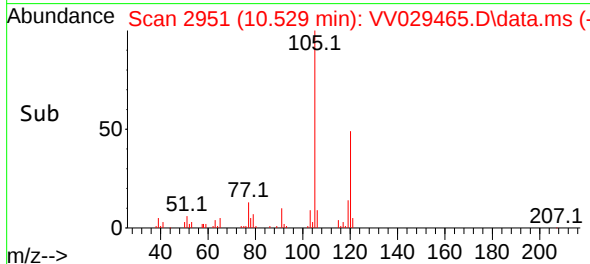
Instrument :
MSVOA_V
ClientSampleId :
MDL04



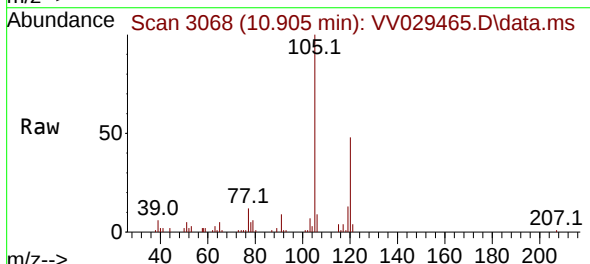
Tgt Ion:105 Resp: 2859
Ion Ratio Lower Upper
105 100
120 50.0 40.0 60.0

Manual Integrations
APPROVED

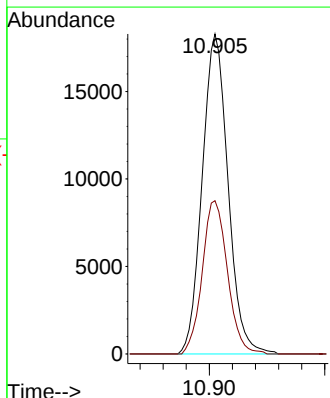
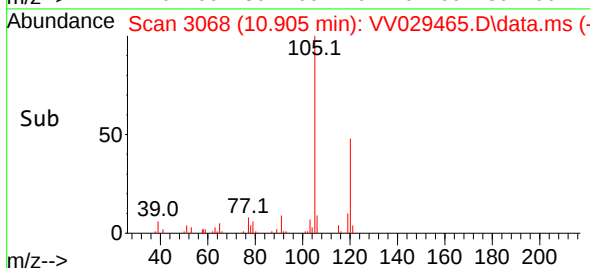
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

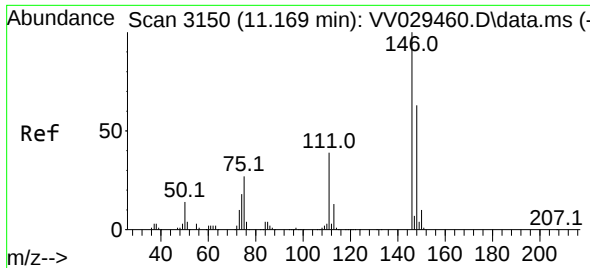


#63
1,2,4-Trimethylbenzene
Concen: 2.172 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18



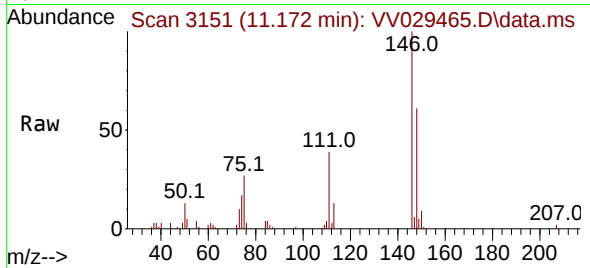
Tgt Ion:105 Resp: 28376
Ion Ratio Lower Upper
105 100
120 46.8 36.7 55.1





#64
1,3-Dichlorobenzene
Concen: 2.345 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

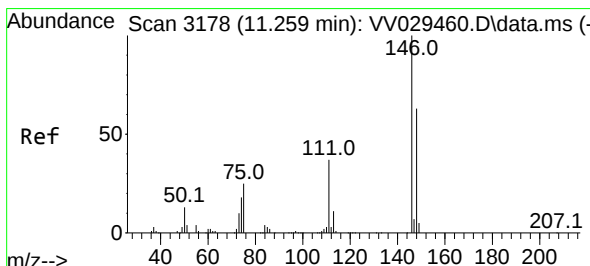
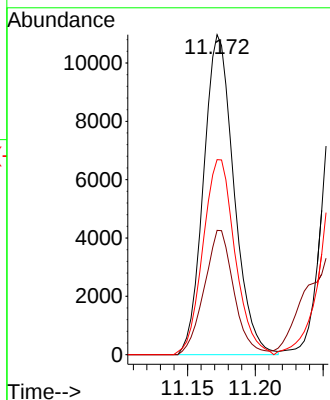
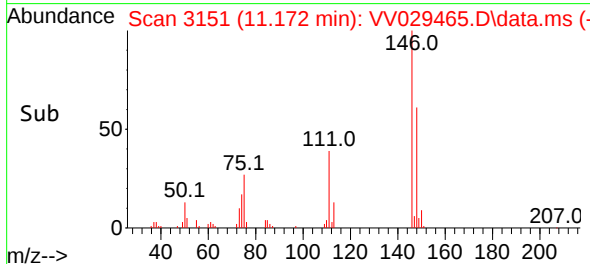
Instrument :
MSVOA_V
ClientSampleId :
MDL04



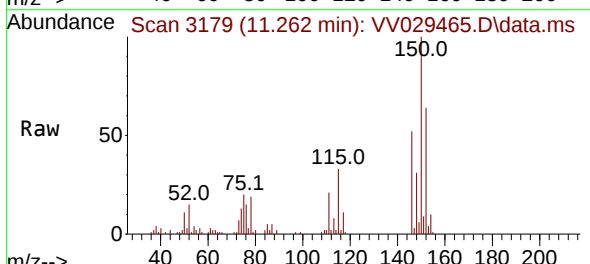
Tgt Ion:146 Resp: 17090
Ion Ratio Lower Upper
146 100
111 38.9 27.4 51.0
148 61.0 44.6 82.8

Manual Integrations
APPROVED

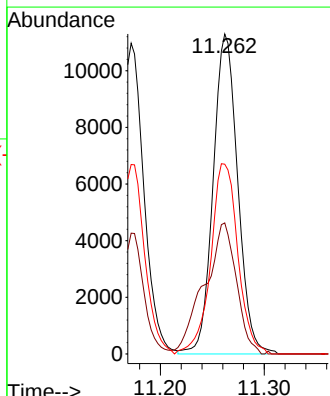
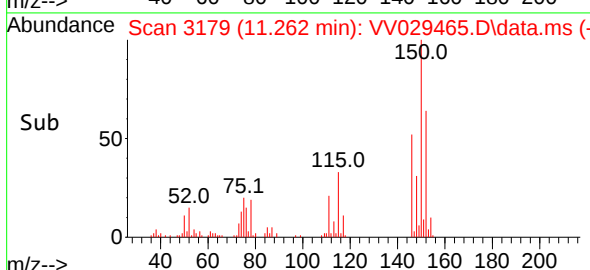
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

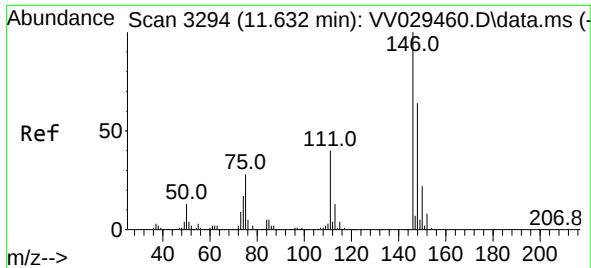


#65
1,4-Dichlorobenzene
Concen: 2.510 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18



Tgt Ion:146 Resp: 18590
Ion Ratio Lower Upper
146 100
111 40.9 26.2 48.8
148 59.3 44.7 83.1





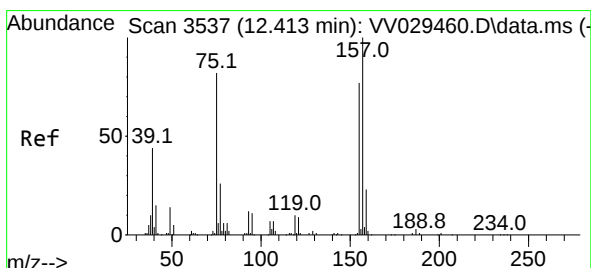
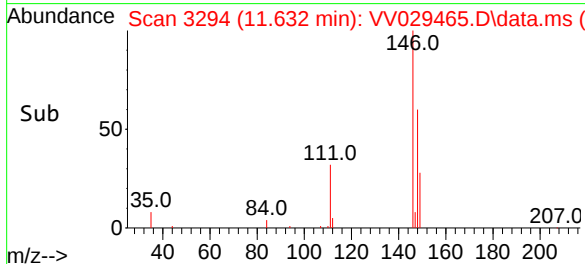
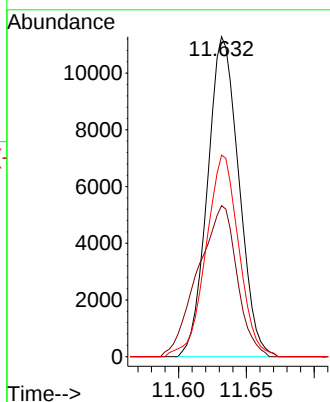
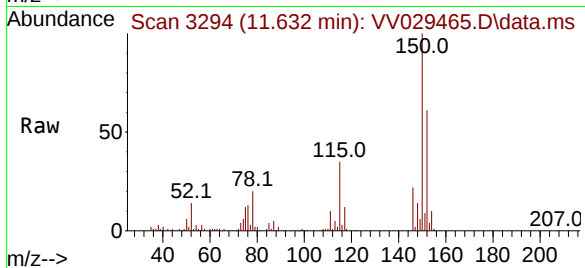
#67
1,2-Dichlorobenzene
Concen: 2.433 ug/L
RT: 11.632 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:146 Resp: 1813
Ion Ratio Lower Upper
146 100
111 47.2 32.0 48.0
148 63.0 50.6 76.0

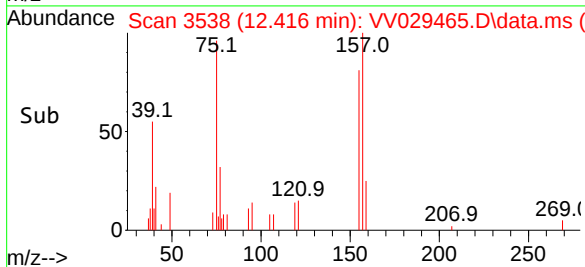
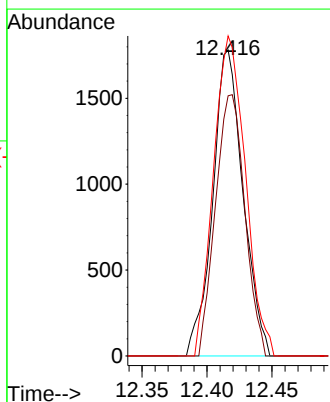
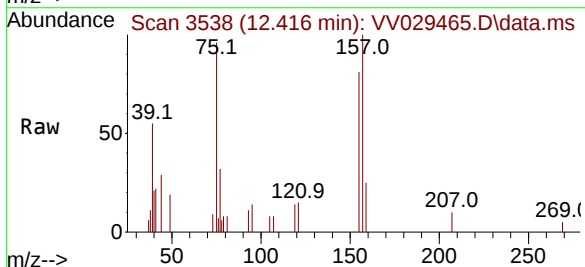
Manual Integrations
APPROVED

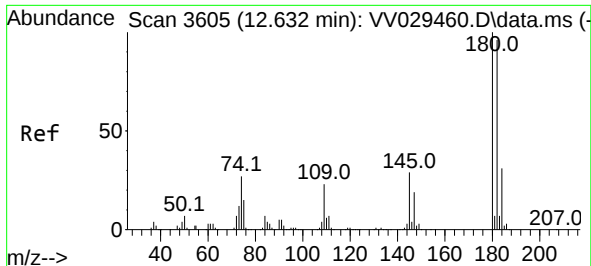
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#68
1,2-Dibromo-3-chloropropane
Concen: 2.377 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

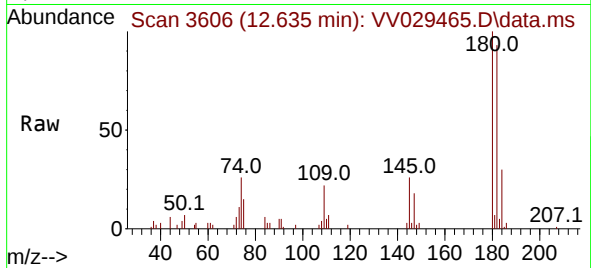
Tgt Ion: 75 Resp: 2895
Ion Ratio Lower Upper
75 100
155 85.1 76.2 114.2
157 104.6 96.0 144.0





#69
1,3,5-Trichlorobenzene
Concen: 2.324 ug/L
RT: 12.635 min Scan# 3605
Delta R.T. 0.003 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18

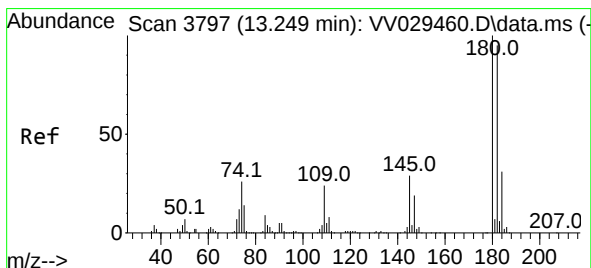
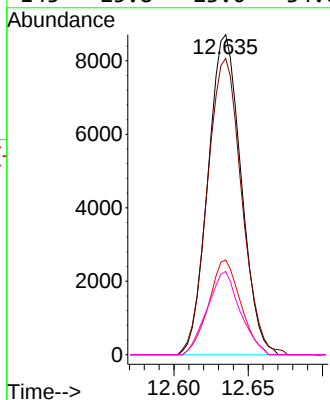
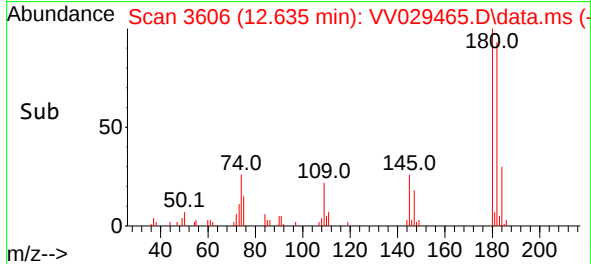
Instrument :
MSVOA_V
ClientSampleId :
MDL04



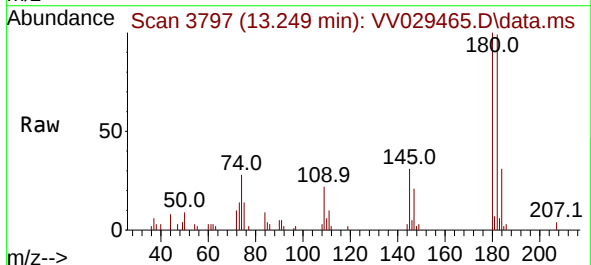
Tgt Ion:180 Resp: 13478
Ion Ratio Lower Upper
180 100
182 95.9 76.5 114.7
184 28.7 24.6 36.8
145 25.8 23.0 34.6

Manual Integrations
APPROVED

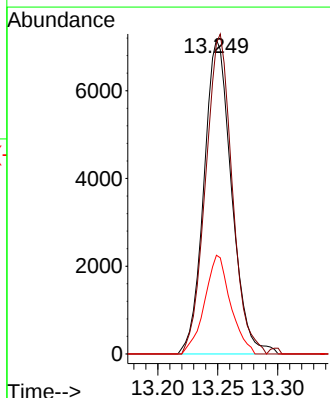
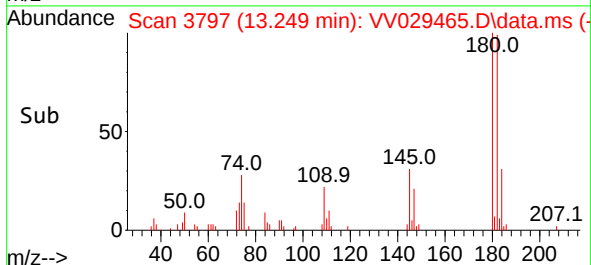
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

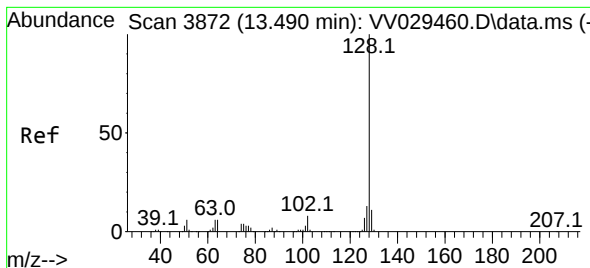


#70
1,2,4-trichlorobenzene
Concen: 2.224 ug/L
RT: 13.249 min Scan# 3797
Delta R.T. 0.000 min
Lab File: VV029465.D
Acq: 08 Dec 2022 12:18



Tgt Ion:180 Resp: 11471
Ion Ratio Lower Upper
180 100
182 97.8 76.3 114.5
145 29.5 23.7 35.5





#71

Naphthalene

Concen: 1.564 ug/L

RT: 13.496 min Scan# 3872

Delta R.T. 0.003 min

Lab File: VV029465.D

Acq: 08 Dec 2022 12:18

Instrument :

MSVOA_V

ClientSampleId :

MDL04

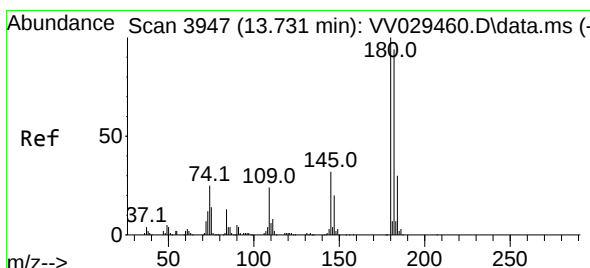
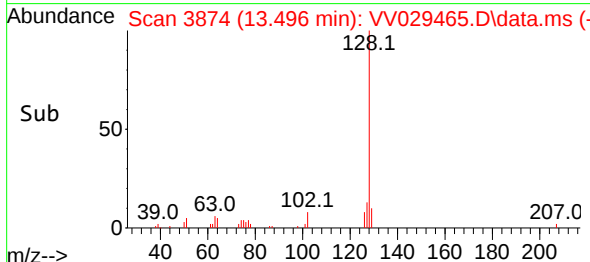
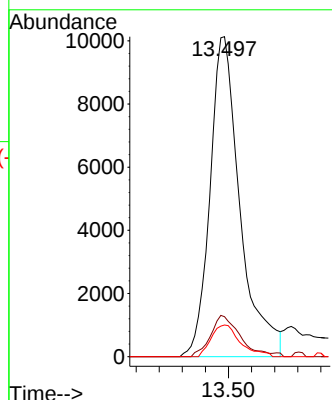
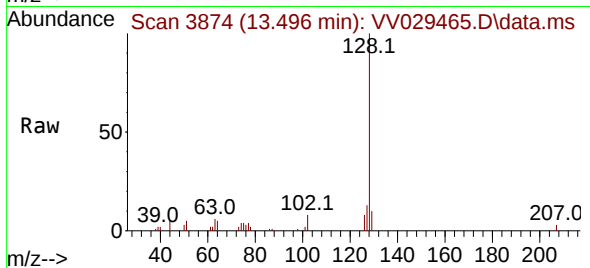
Tgt Ion:	128	Resp:	1830
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.2	15.4
129	9.6	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#72

1,2,3-Trichlorobenzene

Concen: 2.258 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029465.D

Acq: 08 Dec 2022 12:18

Tgt Ion:	180	Resp:	11404
Ion Ratio	Lower	Upper	
180	100		
182	97.5	76.4	114.6
145	30.9	25.0	37.6

