

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100822\
 Data File : VW028475.D
 Acq On : 09 Oct 2022 07:04
 Operator : SY/MD
 Sample : N4923-20MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10007MS

Quant Time: Oct 10 05:13:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 10 02:52:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	356217	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	330922	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	179704	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	105781	38.485	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.980%
7) Chloroethane-d5	1.568	69	87669	40.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.460%
11) 1,1-Dichloroethene-d2	2.105	63	197028	42.119	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.240%
21) 2-Butanone-d5	3.905	46	241486	100.363	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.360%
24) Chloroform-d	4.342	84	242704	48.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.300%
26) 1,2-Dichloroethane-d4	5.031	65	159716	49.127	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.260%
32) Benzene-d6	5.047	84	487577	45.981	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.960%
36) 1,2-Dichloropropane-d6	6.066	67	145111	41.972	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.940%
41) Toluene-d8	7.310	98	438281	46.165	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.340%
43) trans-1,3-Dichloroprop...	7.616	79	73800	41.879	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.760%
47) 2-Hexanone-d5	8.085	63	199080	105.854	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.850%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	205386	43.413	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.820%
66) 1,2-Dichlorobenzene-d4	11.615	152	168859	45.348	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	137374	51.220	ug/L	100
3) Chloromethane	1.240	50	140652	46.583	ug/L	100
5) Vinyl chloride	1.310	62	137934	45.521	ug/L	# 69
6) Bromomethane	1.519	94	62549	45.271	ug/L	99
8) Chloroethane	1.584	64	95737	52.048	ug/L	88
9) Trichlorofluoromethane	1.751	101	196256	52.408	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	95188	44.850	ug/L	95
12) 1,1-Dichloroethene	2.114	96	100917	48.436	ug/L	93
13) Acetone	2.207	43	295414	158.495	ug/L	72
14) Carbon disulfide	2.291	76	356658	53.525	ug/L	100
15) Methyl Acetate	2.439	43	142417	45.255	ug/L	96
16) Methylene chloride	2.503	84	137481	50.776	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	125871	51.794	ug/L	95
18) Methyl tert-butyl Ether	2.767	73	469666	52.571	ug/L	98
19) 1,1-Dichloroethane	3.185	63	249293	50.215	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	145714	52.632	ug/L	97
22) 2-Butanone	3.986	43	325649	132.532	ug/L	98
23) Bromochloromethane	4.243	128	73060	54.301	ug/L	92
25) Chloroform	4.368	83	250971	51.783	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100822\
 Data File : VW028475.D
 Acq On : 09 Oct 2022 07:04
 Operator : SY/MD
 Sample : N4923-20MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10007MS

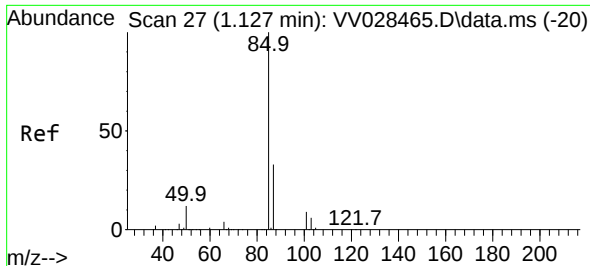
Manual Integrations
 APPROVED

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

Quant Time: Oct 10 05:13:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 10 02:52:43 2022
 Response via : Initial Calibration

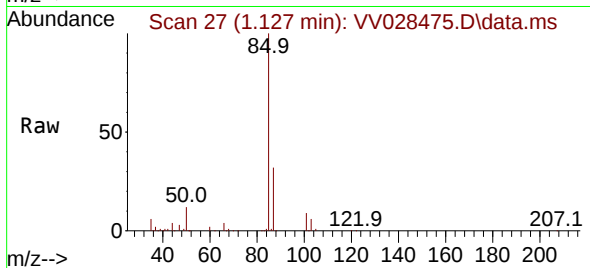
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	188178m	50.675	ug/L	
29) Cyclohexane	4.674	56	221839	46.607	ug/L	95
30) 1,1,1-Trichloroethane	4.603	97	229131	53.598	ug/L	99
31) Carbon tetrachloride	4.822	117	196824	55.000	ug/L	96
33) Benzene	5.098	78	18222138	1674.248	ug/L	100
34) Trichloroethene	5.908	95	130521	48.342	ug/L	97
35) Methylcyclohexane	6.127	83	213652	45.516	ug/L	96
37) 1,2-Dichloropropane	6.169	63	136055	46.628	ug/L	99
38) Bromodichloromethane	6.503	83	192672	50.683	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	215960	46.523	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	549970	110.513	ug/L	99
42) Toluene	7.384	91	16963837m	1512.141	ug/L	
44) trans-1,3-Dichloropropene	7.645	75	205941	46.226	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	127347	47.119	ug/L	98
46) Tetrachloroethene	7.969	164	98163	50.599	ug/L	96
48) 2-Hexanone	8.136	43	436233	114.184	ug/L	99
49) Dibromochloromethane	8.239	129	145209	49.985	ug/L	100
50) 1,2-Dibromoethane	8.345	107	138367	49.445	ug/L	99
51) Chlorobenzene	8.876	112	361120	51.306	ug/L	97
52) Ethylbenzene	9.005	91	2246706	183.745	ug/L	100
53) m,p-Xylene	9.133	106	3687536	795.661	ug/L	93
54) o-Xylene	9.538	106	1926958	415.248	ug/L	96
55) Styrene	9.554	104	3955169	496.311	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	217807	47.058	ug/L	98
59) Bromoform	9.725	173	108032	48.546	ug/L	100
60) Isopropylbenzene	9.924	105	671651	51.868	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	176663	46.178	ug/L	96
62) 1,3,5-Trimethylbenzene	10.532	105	1483775	132.300	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	2575688	231.374	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	276559	48.829	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	286177	50.638	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	283629	49.617	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	58554	50.015	ug/L	95
69) 1,3,5-Trichlorobenzene	12.638	180	208388	48.443	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	196526	51.832	ug/L	99
71) Naphthalene	13.490	128	28975080m	2456.972	ug/L	
72) 1,2,3-Trichlorobenzene	13.734	180	186690	50.503	ug/L	97

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



#2
 Dichlorodifluoromethane
 Concen: 51.220 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028475.D
 Acq: 09 Oct 2022 07:04

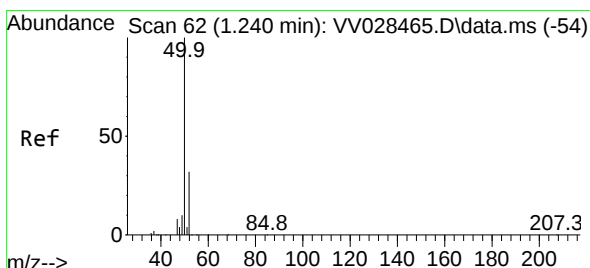
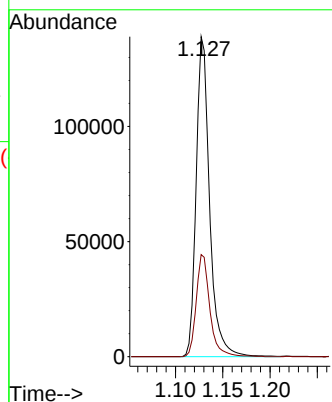
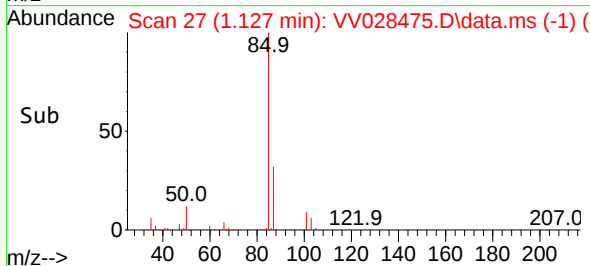
Instrument :
 MSVOA_V
 ClientSampleId :
 E10007MS



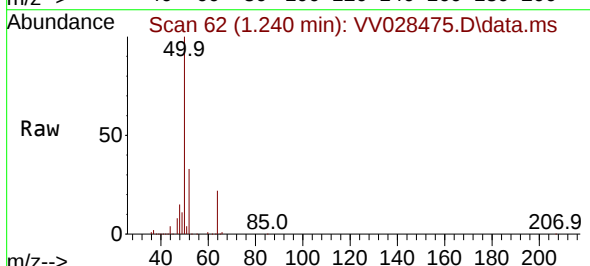
Tgt Ion: 85 Resp: 137374
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.9 38.9

Manual Integrations
 APPROVED

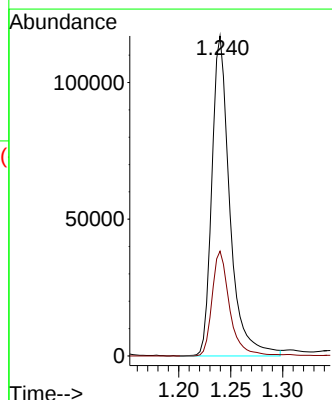
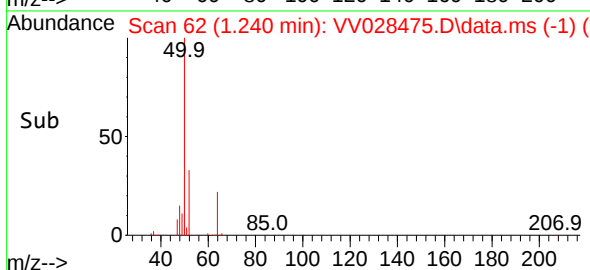
Reviewed By :Krupa Patel 10/10/2022
 Supervised By :Mahesh Dadoda 10/10/2022

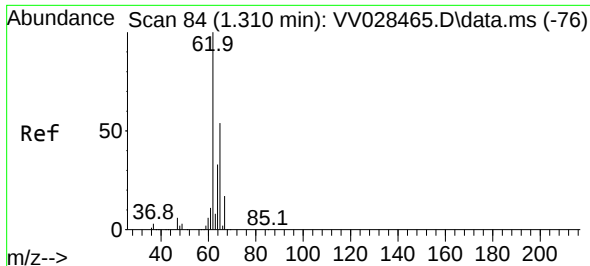


#3
 Chloromethane
 Concen: 46.583 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV028475.D
 Acq: 09 Oct 2022 07:04



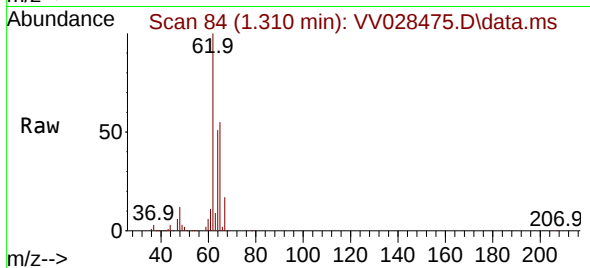
Tgt Ion: 50 Resp: 140652
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.7 42.3





#5
 Vinyl chloride
 Concen: 45.521 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028475.D
 Acq: 09 Oct 2022 07:04

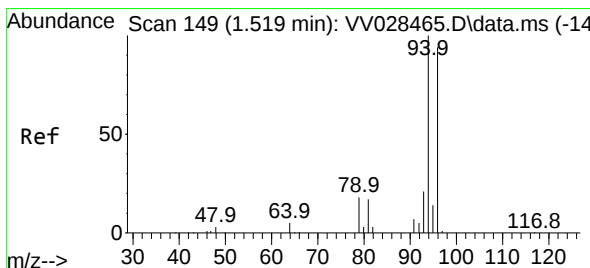
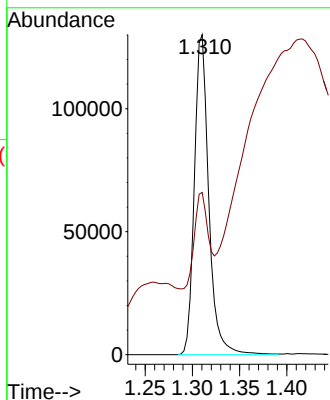
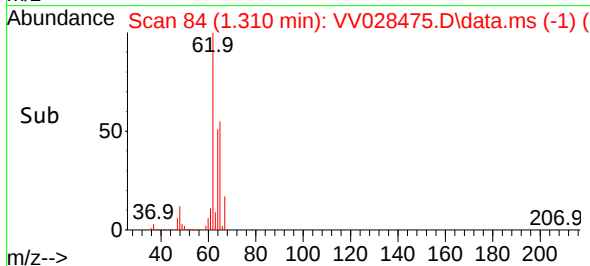
Instrument :
 MSVOA_V
 ClientSampleId :
 E10007MS



Tgt Ion: 62 Resp: 137934
 Ion Ratio Lower Upper
 62 100
 64 50.7 23.3 43.3

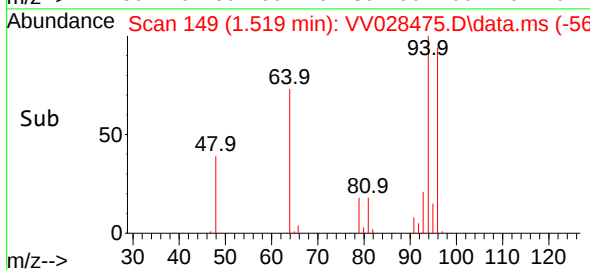
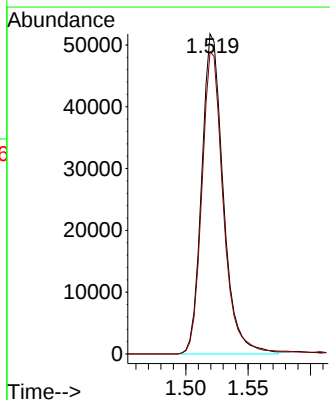
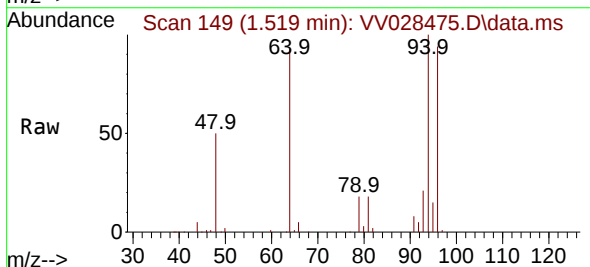
Manual Integrations
 APPROVED

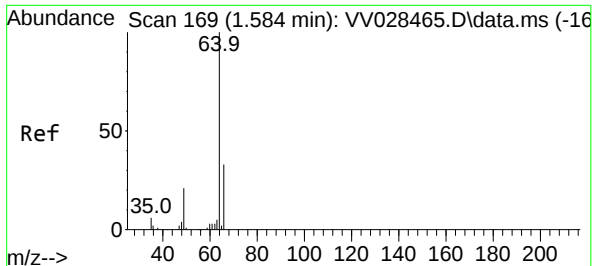
Reviewed By :Krupa Patel 10/10/2022
 Supervised By :Mahesh Dadoda 10/10/2022



#6
 Bromomethane
 Concen: 45.271 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV028475.D
 Acq: 09 Oct 2022 07:04

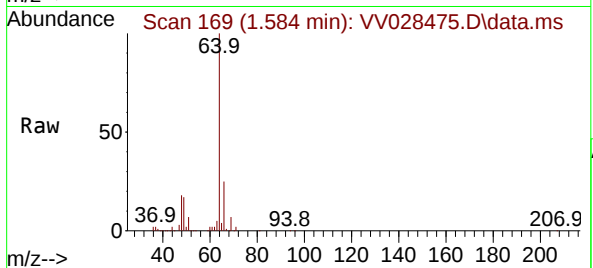
Tgt Ion: 94 Resp: 62549
 Ion Ratio Lower Upper
 94 100
 96 94.5 65.5 121.6





#8
Chloroethane
Concen: 52.048 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

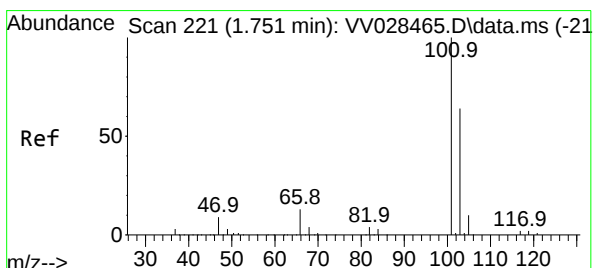
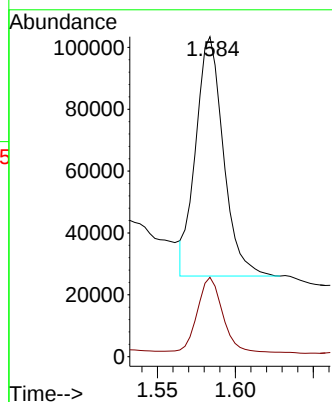
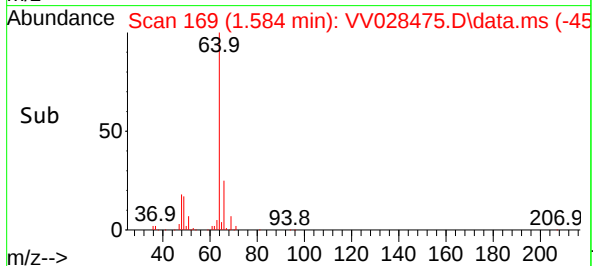
Instrument :
MSVOA_V
ClientSampleId :
E10007MS



Tgt Ion: 64 Resp: 9573
Ion Ratio Lower Upper
64 100
66 24.8 22.2 41.2

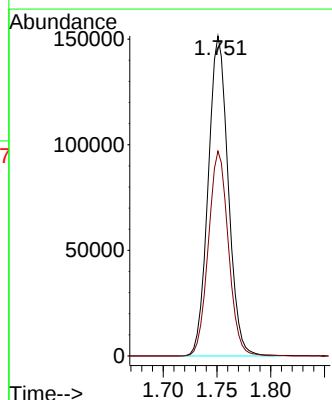
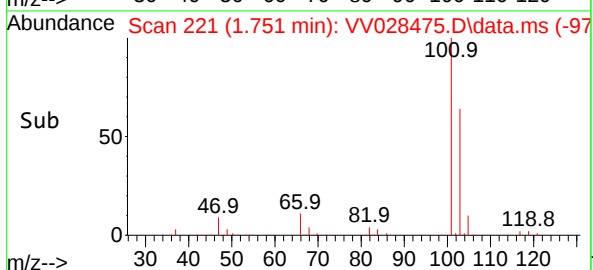
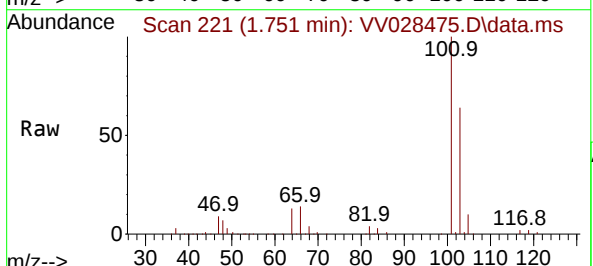
Manual Integrations
APPROVED

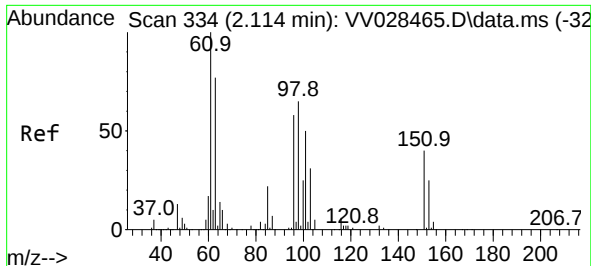
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#9
Trichlorofluoromethane
Concen: 52.408 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

Tgt Ion:101 Resp: 196256
Ion Ratio Lower Upper
101 100
103 64.0 50.7 76.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 44.850 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV028475.D

Acq: 09 Oct 2022 07:04

Instrument :

MSVOA_V

ClientSampleId :

E10007MS

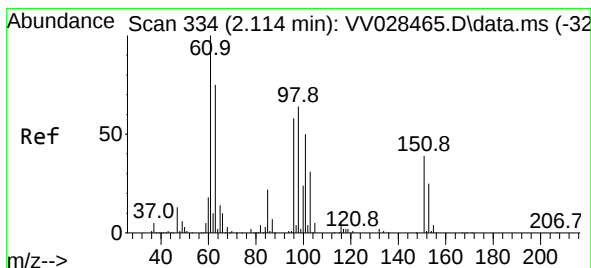
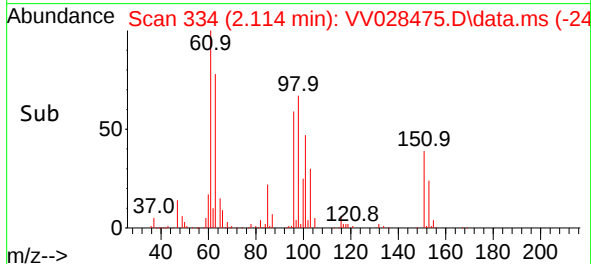
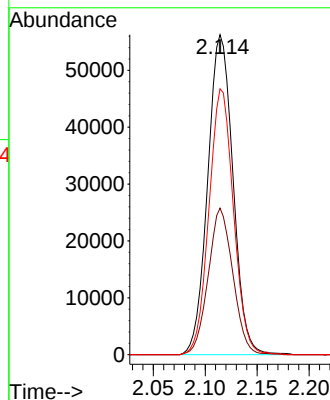
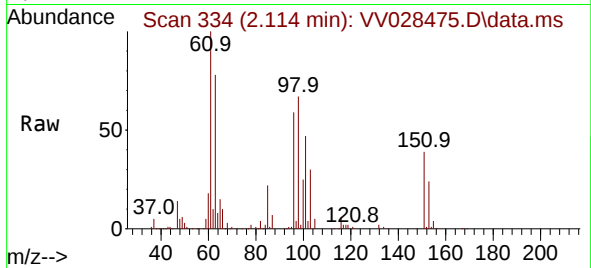
Tgt Ion:	101	Resp:	9518
Ion Ratio	Lower	Upper	
101	100		
85	44.7	34.9	52.3
151	80.5	59.2	88.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/10/2022

Supervised By :Mahesh Dadoda 10/10/2022



#12

1,1-Dichloroethene

Concen: 48.436 ug/L

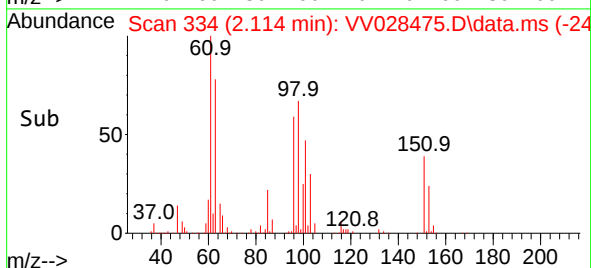
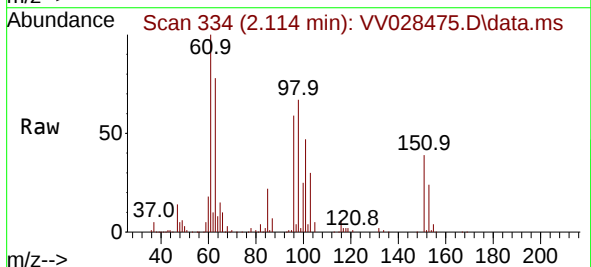
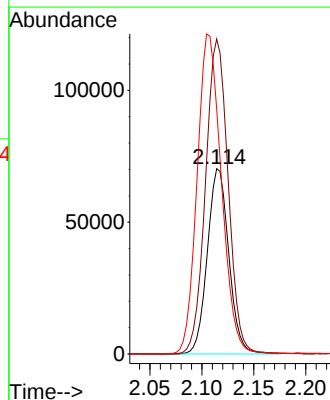
RT: 2.114 min Scan# 334

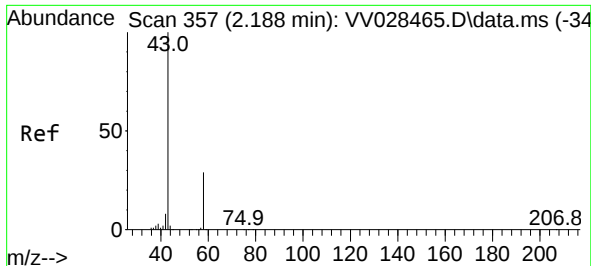
Delta R.T. 0.000 min

Lab File: VV028475.D

Acq: 09 Oct 2022 07:04

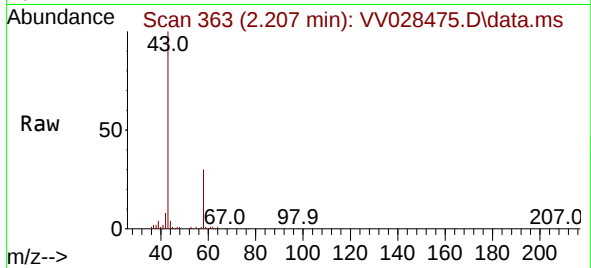
Tgt Ion:	96	Resp:	100917
Ion Ratio	Lower	Upper	
96	100		
61	170.0	125.6	233.2
63	132.2	100.0	185.6





#13
Acetone
Concen: 158.495 ug/L
RT: 2.207 min Scan# 30
Delta R.T. 0.019 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

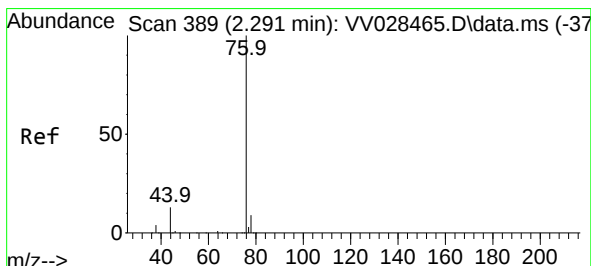
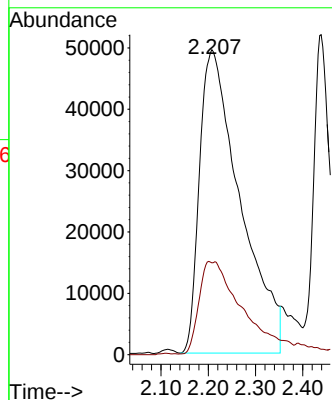
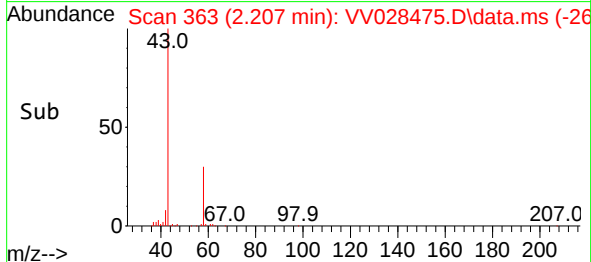
Instrument :
MSVOA_V
ClientSampleId :
E10007MS



Tgt Ion: 43 Resp: 295414
Ion Ratio Lower Upper
43 100
58 9.8 0.0 47.0

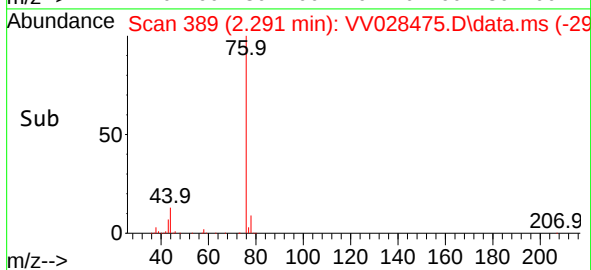
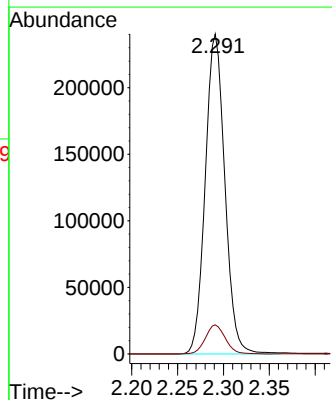
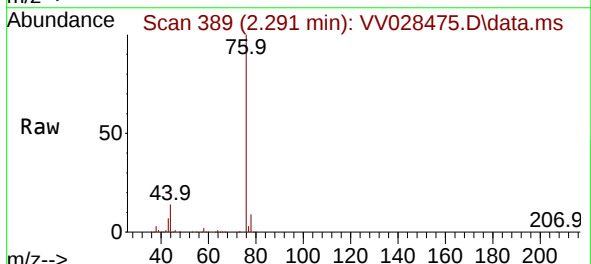
Manual Integrations
APPROVED

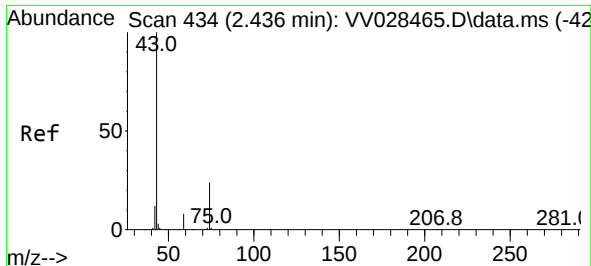
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#14
Carbon disulfide
Concen: 53.525 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

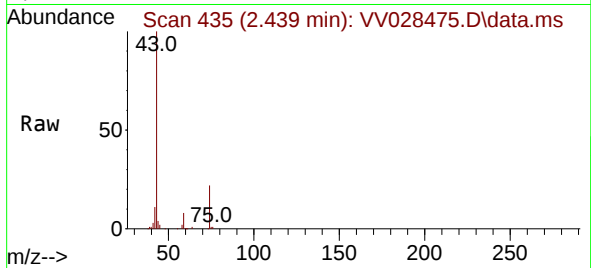
Tgt Ion: 76 Resp: 356658
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0





#15
Methyl Acetate
Concen: 45.255 ug/L
RT: 2.439 min Scan# 434
Delta R.T. 0.003 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

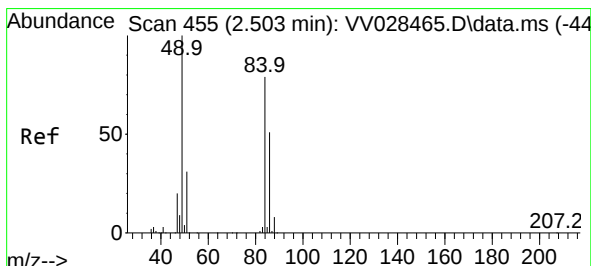
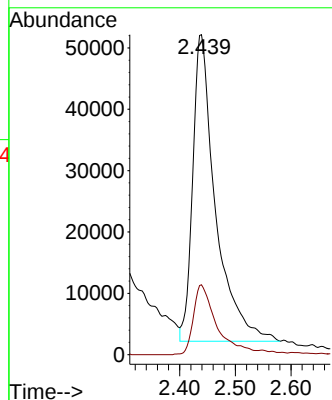
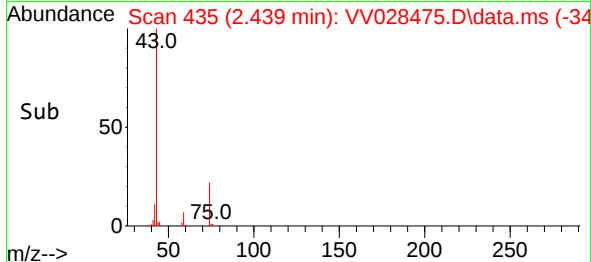
Instrument :
MSVOA_V
ClientSampleId :
E10007MS



Tgt Ion: 43 Resp: 142417
Ion Ratio Lower Upper
43 100
74 21.6 18.8 28.2

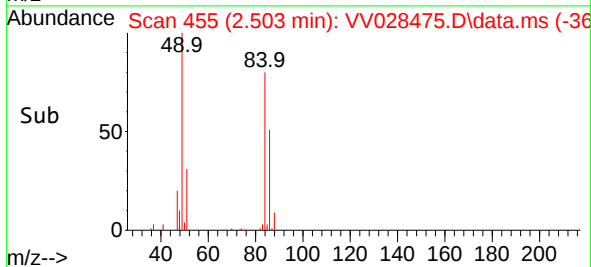
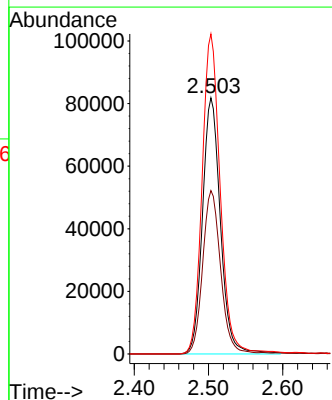
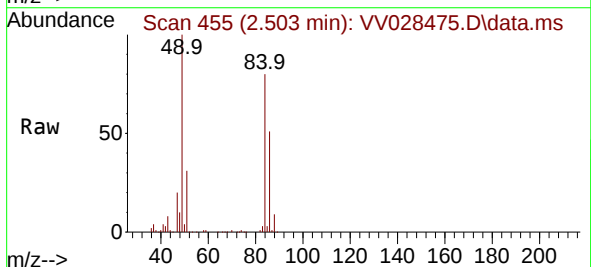
Manual Integrations
APPROVED

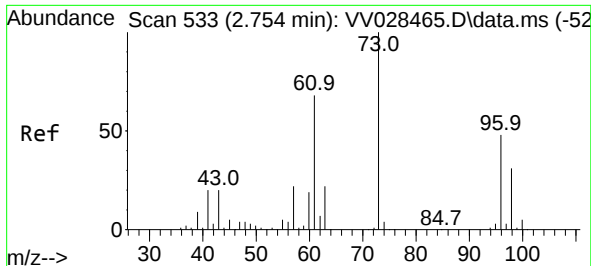
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#16
Methylene chloride
Concen: 50.776 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

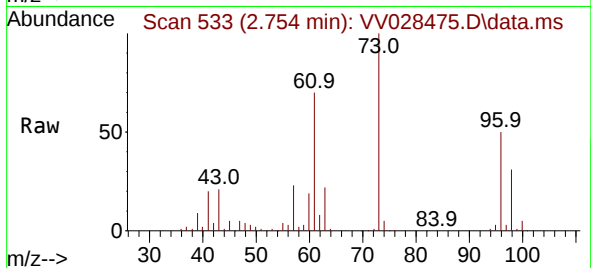
Tgt Ion: 84 Resp: 137481
Ion Ratio Lower Upper
84 100
86 63.8 44.2 82.2
49 125.0 90.5 168.1





#17
trans-1,2-Dichloroethene
Concen: 51.794 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

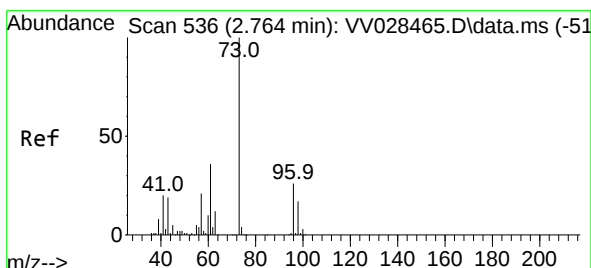
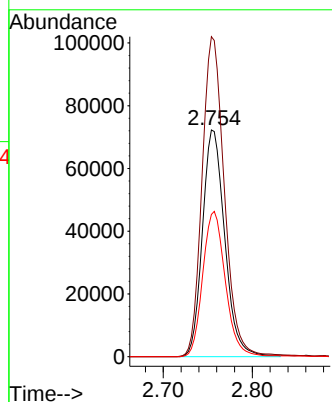
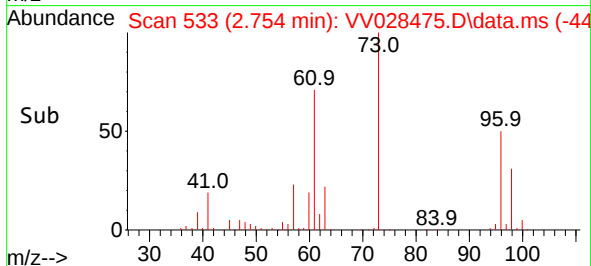
Instrument :
MSVOA_V
ClientSampleId :
E10007MS



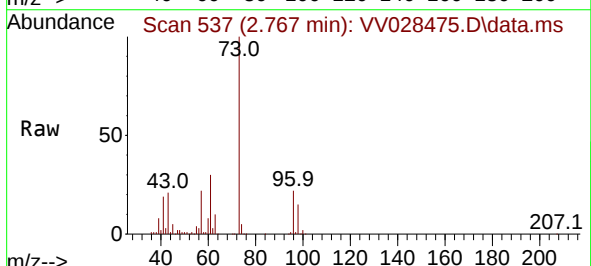
Tgt Ion: 96 Resp: 12587
Ion Ratio Lower Upper
96 100
61 141.2 104.8 194.6
98 62.8 44.5 82.7

Manual Integrations
APPROVED

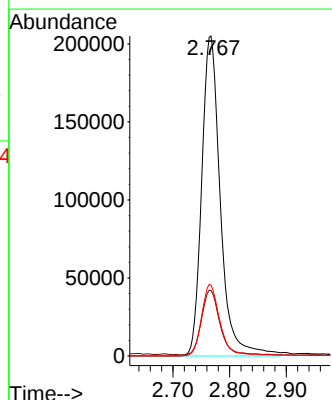
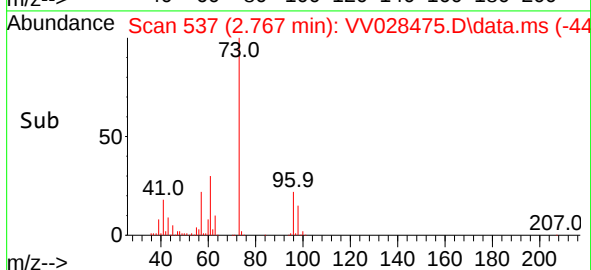
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

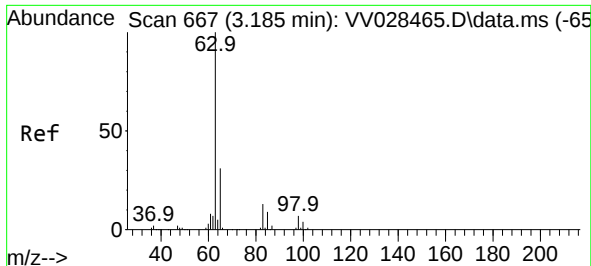


#18
Methyl tert-butyl Ether
Concen: 52.571 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04



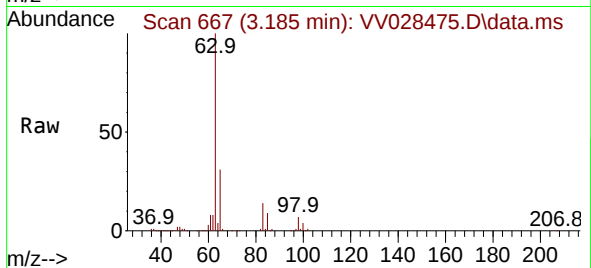
Tgt Ion: 73 Resp: 469666
Ion Ratio Lower Upper
73 100
43 19.2 15.6 23.4
57 21.7 18.2 27.4





#19
1,1-Dichloroethane
Concen: 50.215 ug/L
RT: 3.185 min Scan# 60
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

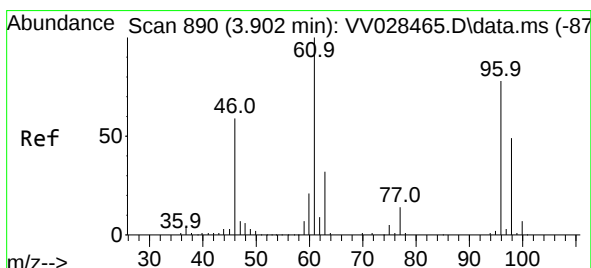
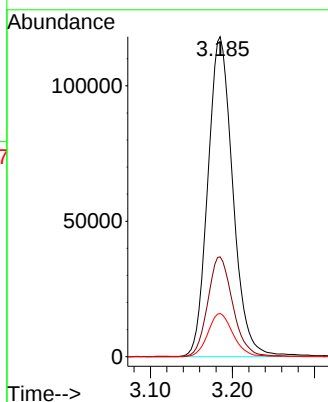
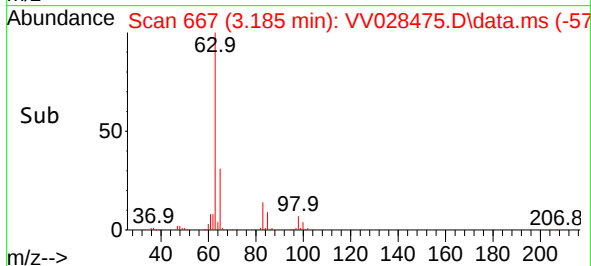
Instrument :
MSVOA_V
ClientSampleId :
E10007MS



Tgt Ion: 63 Resp: 24929
Ion Ratio Lower Upper
63 100
65 31.2 22.6 42.0
83 13.5 9.2 17.0

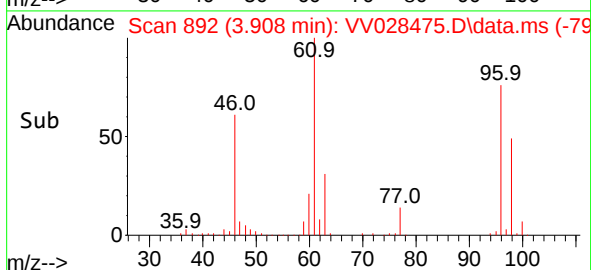
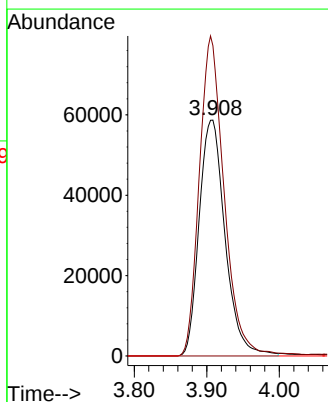
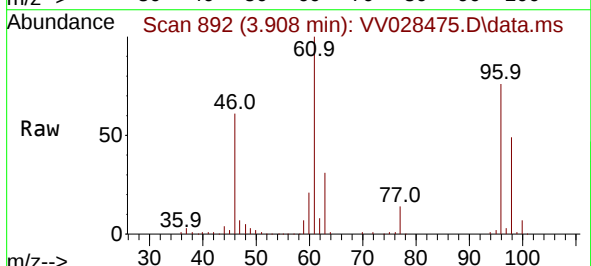
Manual Integrations
APPROVED

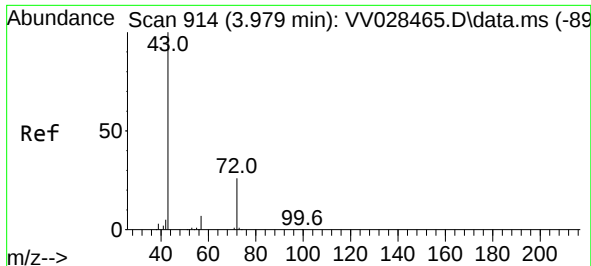
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#20
cis-1,2-Dichloroethene
Concen: 52.632 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.006 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

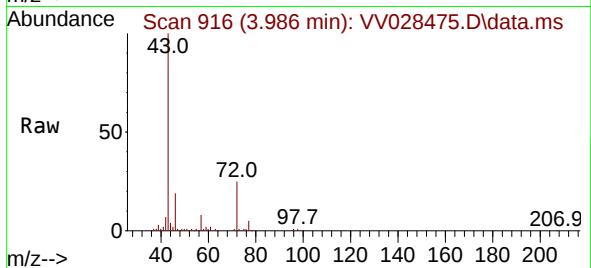
Tgt Ion: 96 Resp: 145714
Ion Ratio Lower Upper
96 100
61 131.6 95.0 176.4
68 0.0 0.0 0.0





#22
2-Butanone
Concen: 132.532 ug/L
RT: 3.986 min Scan# 916
Delta R.T. 0.006 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

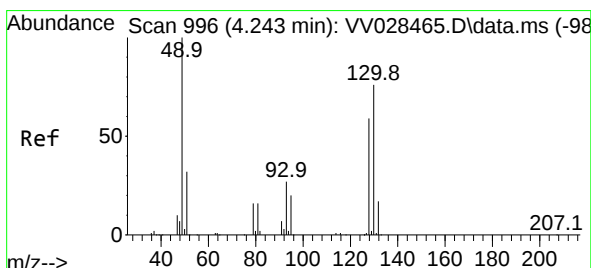
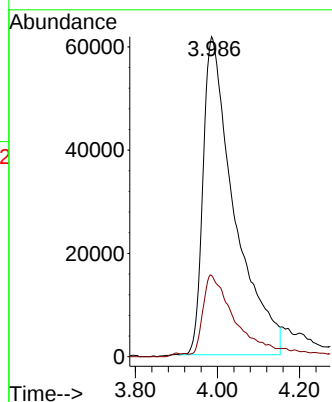
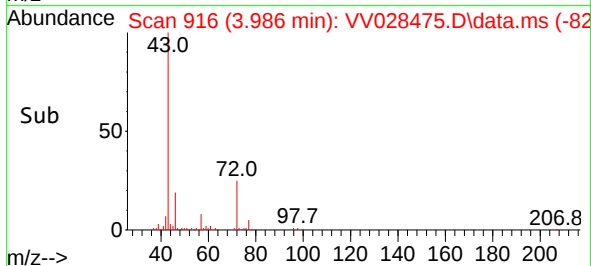
Instrument :
MSVOA_V
ClientSampleId :
E10007MS



Tgt Ion: 43 Resp: 325649
Ion Ratio Lower Upper
43 100
72 22.9 11.1 33.1

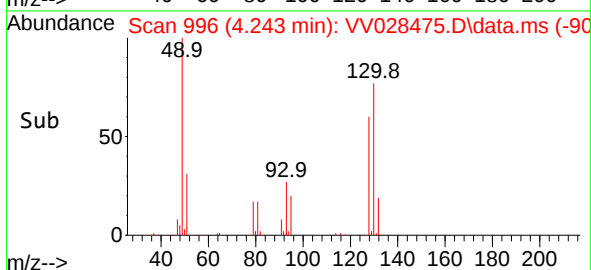
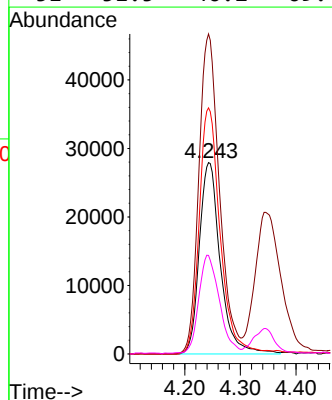
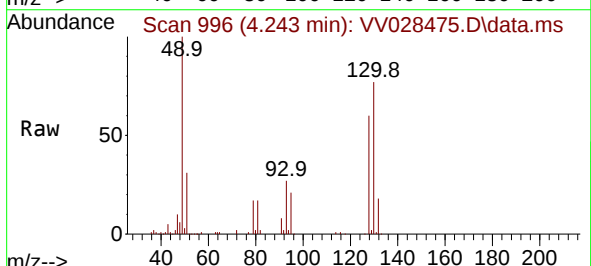
Manual Integrations
APPROVED

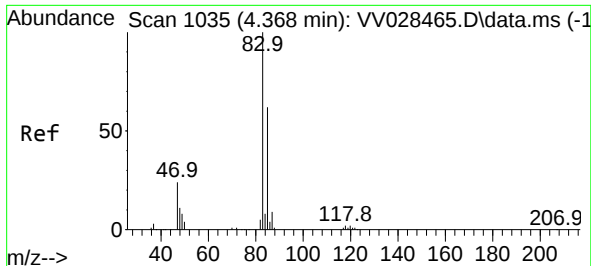
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#23
Bromochloromethane
Concen: 54.301 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

Tgt Ion:128 Resp: 73060
Ion Ratio Lower Upper
128 100
49 167.2 130.6 242.6
130 128.6 90.0 167.2
51 51.5 46.2 69.4





#25

Chloroform

Concen: 51.783 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV028475.D

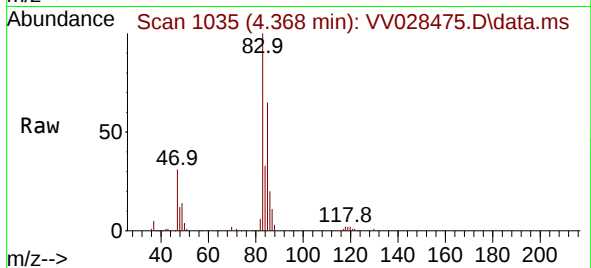
Acq: 09 Oct 2022 07:04

Instrument :

MSVOA_V

ClientSampleId :

E10007MS



Tgt Ion: 83 Resp: 25097

Ion Ratio Lower Upper

83 100

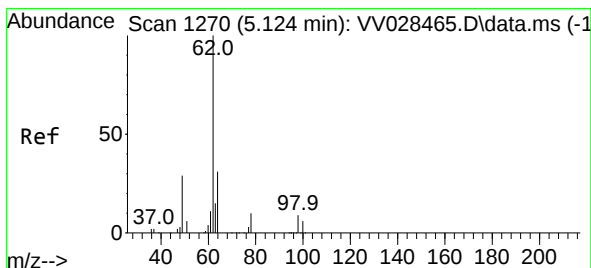
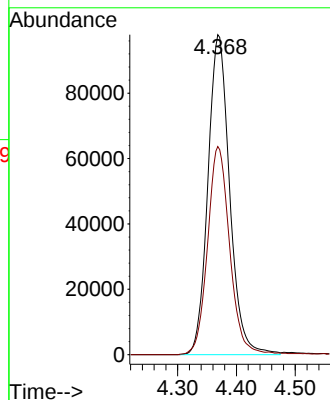
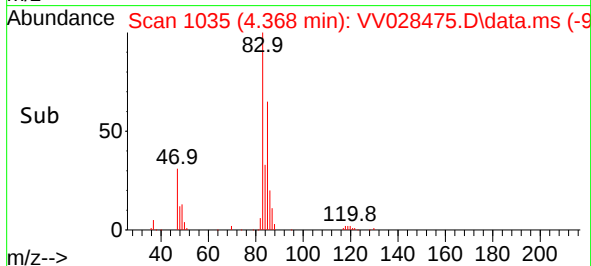
85 65.1 44.5 82.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/10/2022

Supervised By :Mahesh Dadoda 10/10/2022



#27

1,2-Dichloroethane

Concen: 50.675 ug/L m

RT: 5.124 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VV028475.D

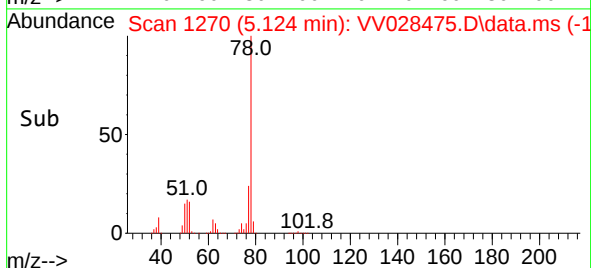
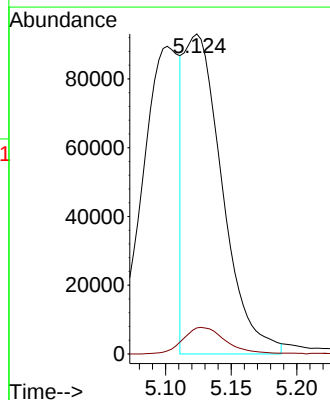
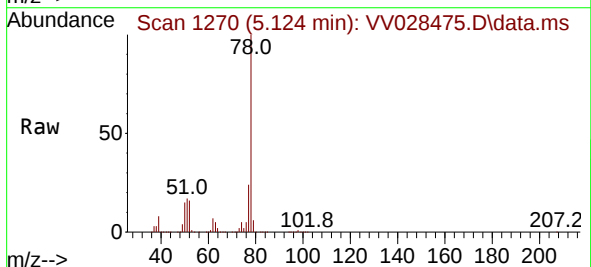
Acq: 09 Oct 2022 07:04

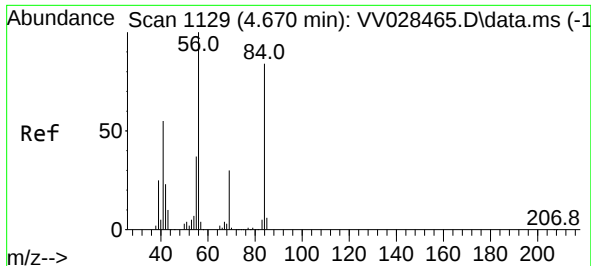
Tgt Ion: 62 Resp: 188178

Ion Ratio Lower Upper

62 100

98 8.2 7.6 11.4





#29

Cyclohexane

Concen: 46.607 ug/L

RT: 4.674 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV028475.D

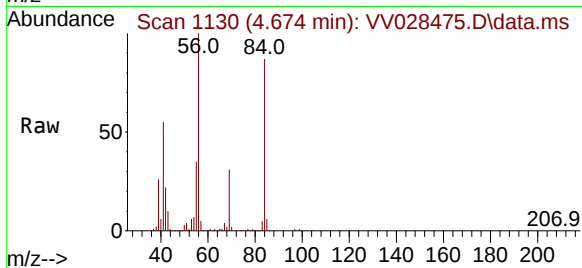
Acq: 09 Oct 2022 07:04

Instrument :

MSVOA_V

ClientSampleId :

E10007MS



Tgt Ion: 56 Resp: 221839

Ion Ratio Lower Upper

56 100

69 30.6 23.0 34.6

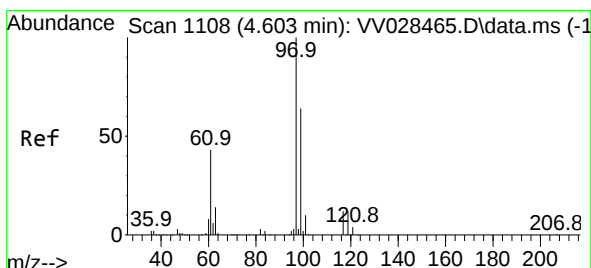
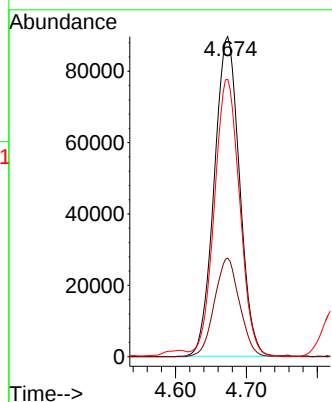
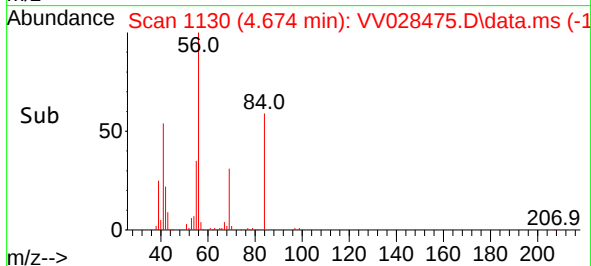
84 86.7 65.8 98.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/10/2022

Supervised By :Mahesh Dadoda 10/10/2022



#30

1,1,1-Trichloroethane

Concen: 53.598 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV028475.D

Acq: 09 Oct 2022 07:04

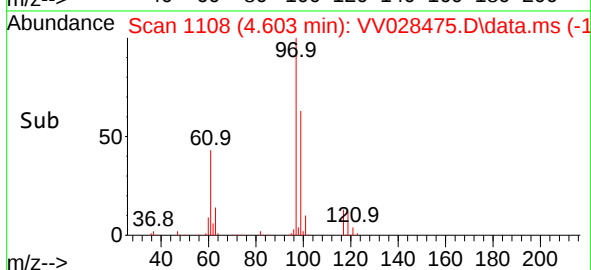
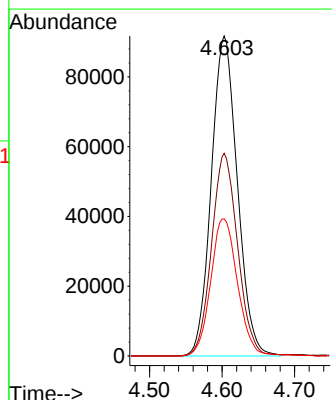
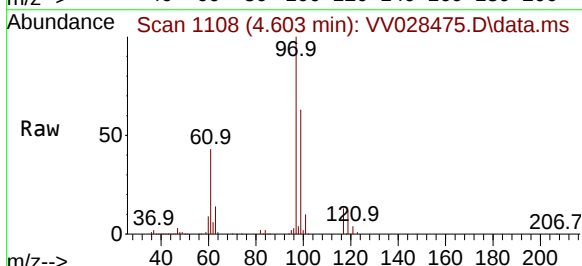
Tgt Ion: 97 Resp: 229131

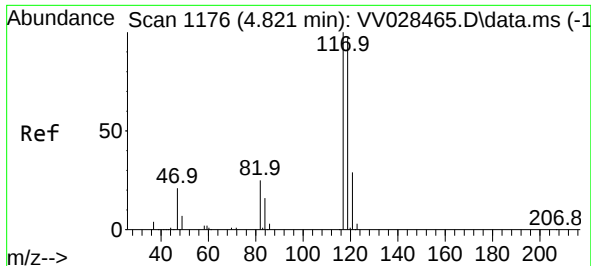
Ion Ratio Lower Upper

97 100

99 63.3 50.2 75.2

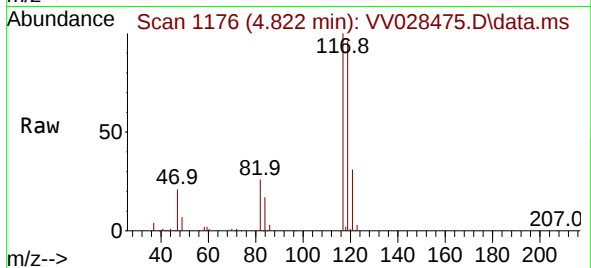
61 44.2 35.8 53.6





#31
Carbon tetrachloride
Concen: 55.000 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

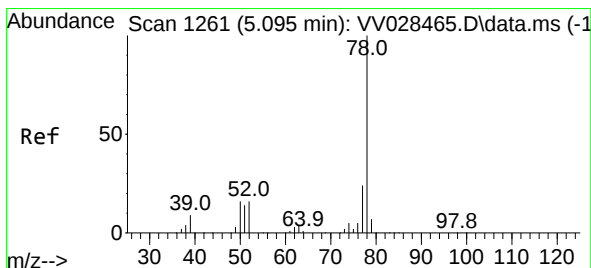
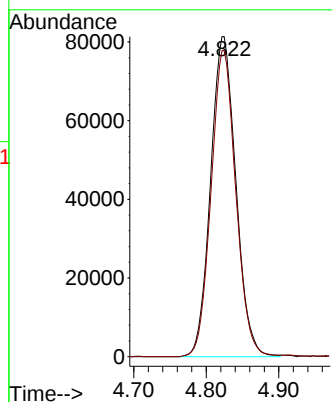
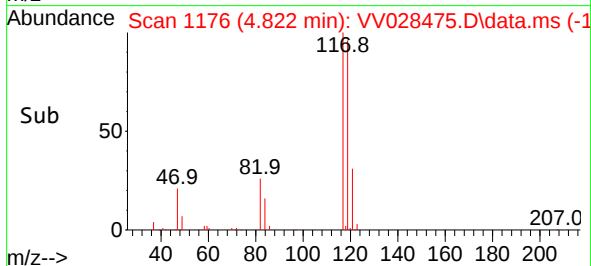
Instrument :
MSVOA_V
ClientSampleId :
E10007MS



Tgt Ion:117 Resp: 196824
Ion Ratio Lower Upper
117 100
119 93.8 78.0 117.0

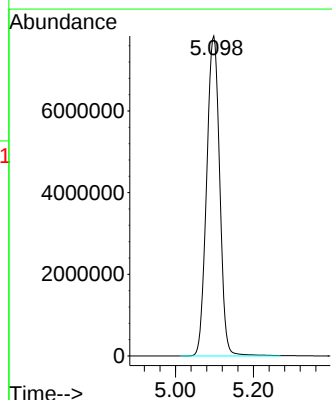
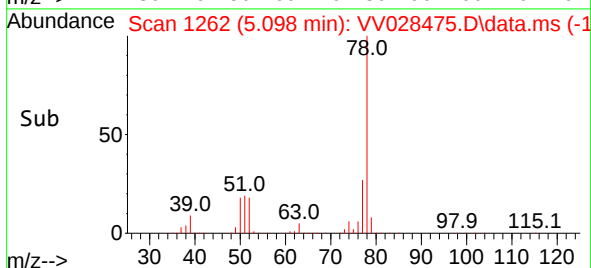
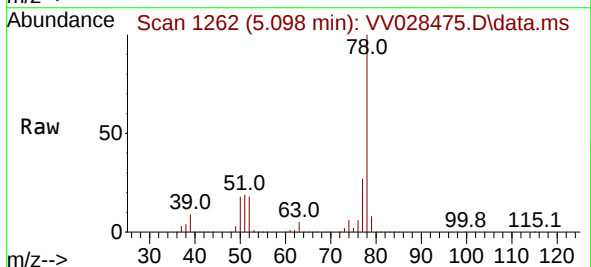
Manual Integrations
APPROVED

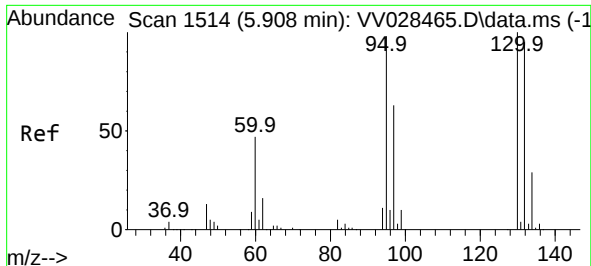
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#33
Benzene
Concen: 1674.248 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

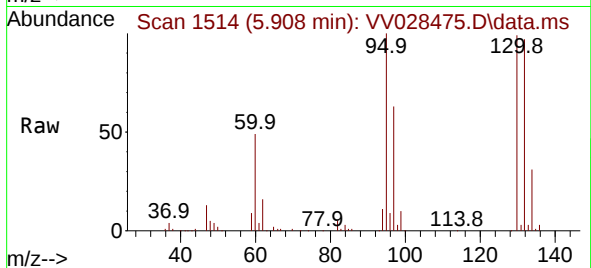
Tgt Ion: 78 Resp:18222138





#34
Trichloroethene
Concen: 48.342 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

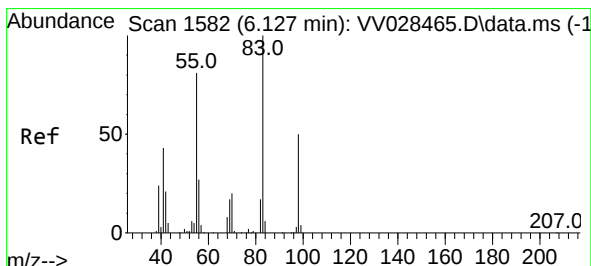
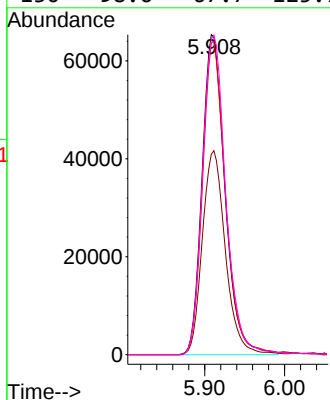
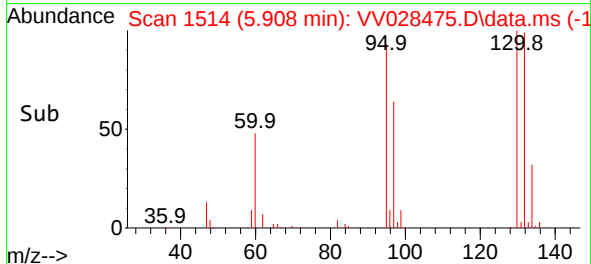
Instrument :
MSVOA_V
ClientSampleId :
E10007MS



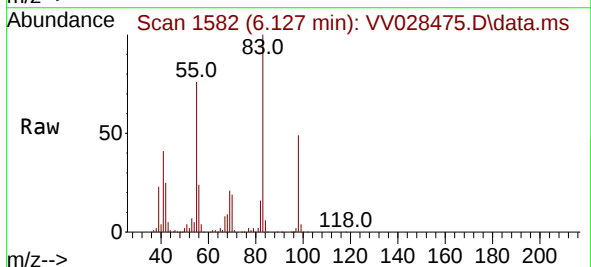
Tgt Ion: 95 Resp: 13052
Ion Ratio Lower Upper
95 100
97 62.7 44.4 82.4
132 97.4 64.3 119.5
130 98.6 67.7 125.7

Manual Integrations
APPROVED

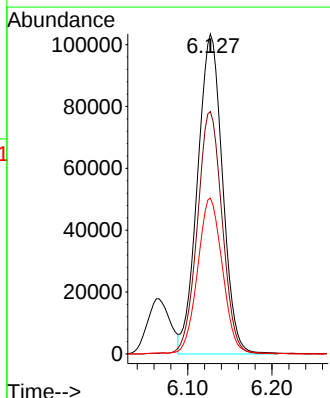
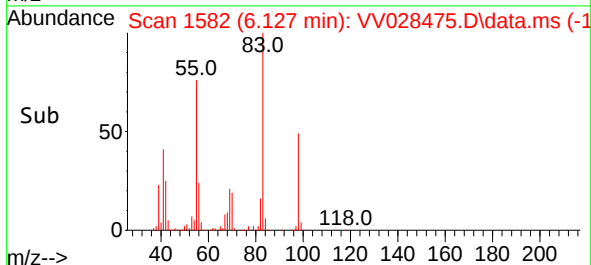
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

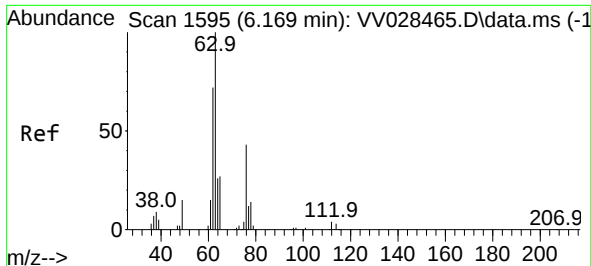


#35
Methylcyclohexane
Concen: 45.516 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04



Tgt Ion: 83 Resp: 213652
Ion Ratio Lower Upper
83 100
55 75.2 63.7 95.5
98 48.5 38.2 57.2





#37

1,2-Dichloropropane

Concen: 46.628 ug/L

RT: 6.169 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VV028475.D

Acq: 09 Oct 2022 07:04

Instrument :

MSVOA_V

ClientSampleId :

E10007MS

Tgt Ion: 63 Resp: 13605

Ion Ratio Lower Upper

63 100

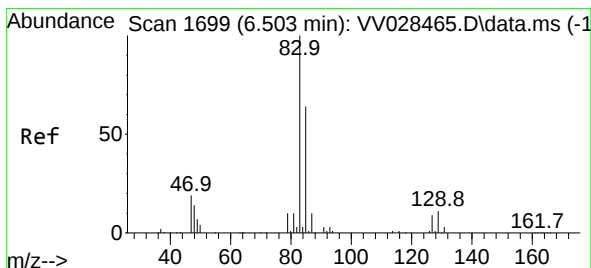
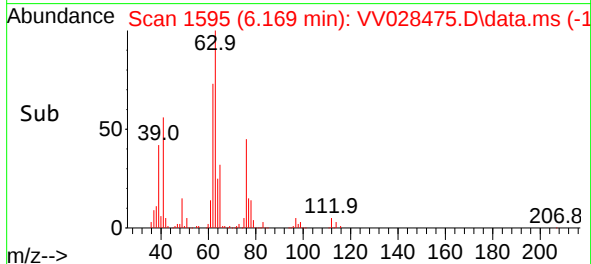
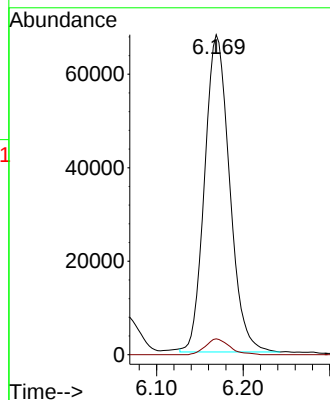
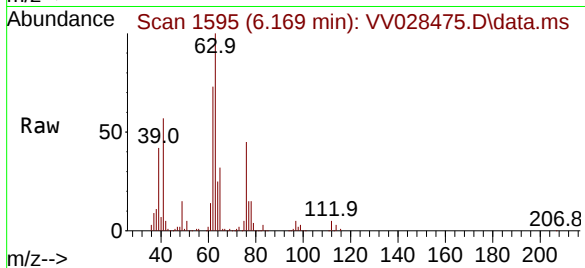
112 4.8 3.5 5.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/10/2022

Supervised By :Mahesh Dadoda 10/10/2022



#38

Bromodichloromethane

Concen: 50.683 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VV028475.D

Acq: 09 Oct 2022 07:04

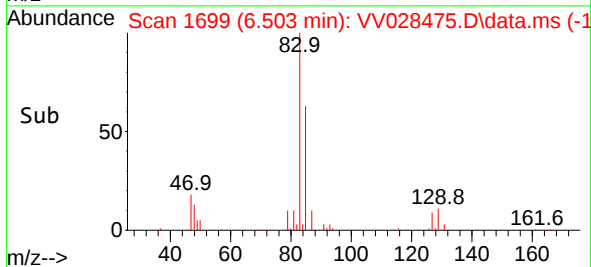
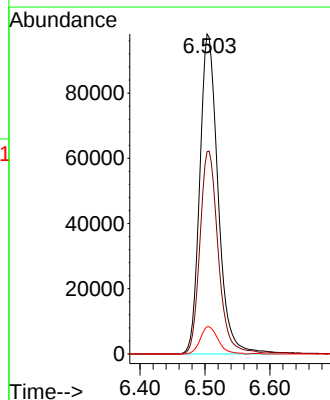
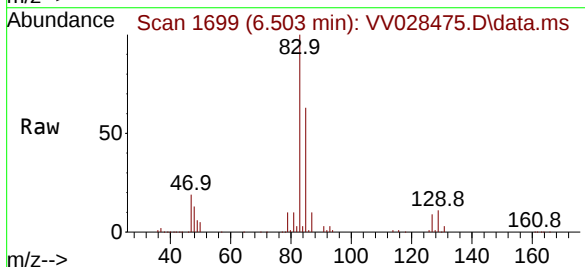
Tgt Ion: 83 Resp: 192672

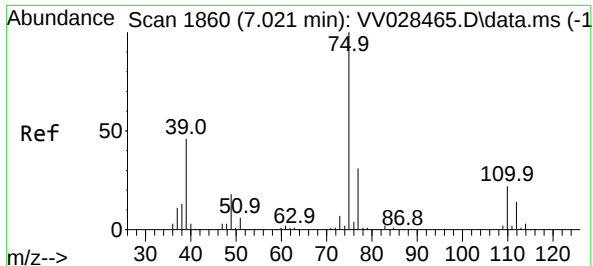
Ion Ratio Lower Upper

83 100

85 63.2 45.1 83.7

127 8.5 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 46.523 ug/L

RT: 7.021 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV028475.D

Acq: 09 Oct 2022 07:04

Instrument :

MSVOA_V

ClientSampleId :

E10007MS

Tgt Ion: 75 Resp: 215960

Ion Ratio Lower Upper

75 100

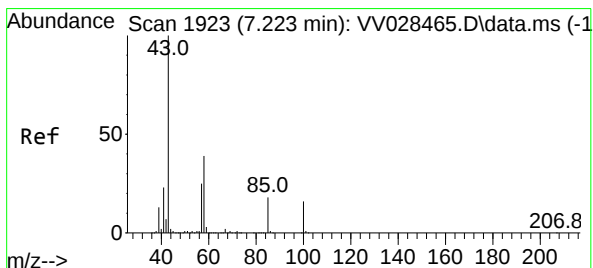
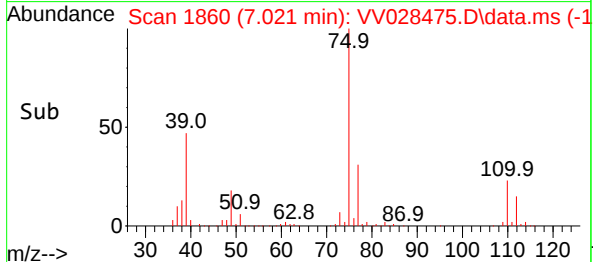
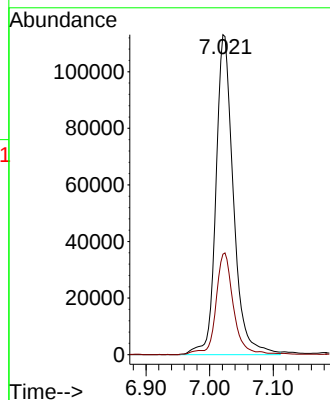
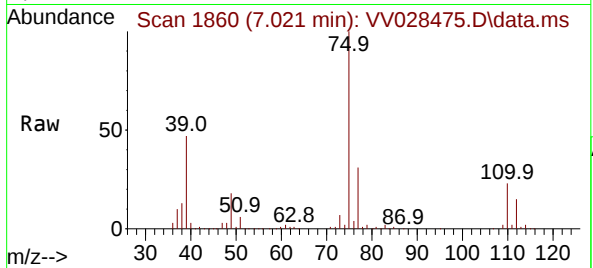
77 31.4 23.2 43.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/10/2022

Supervised By :Mahesh Dadoda 10/10/2022



#40

4-Methyl-2-pentanone

Concen: 110.513 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV028475.D

Acq: 09 Oct 2022 07:04

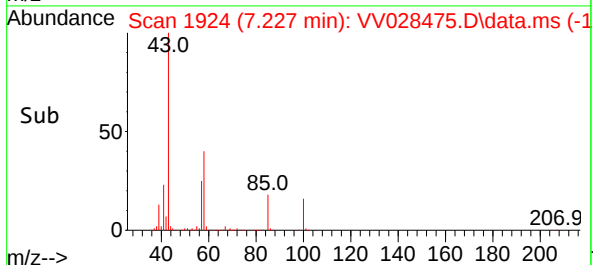
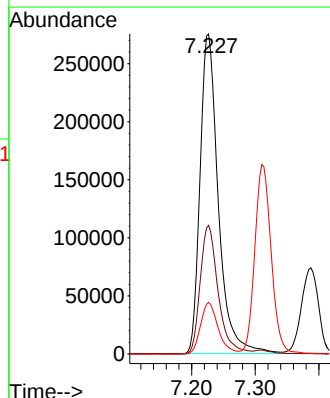
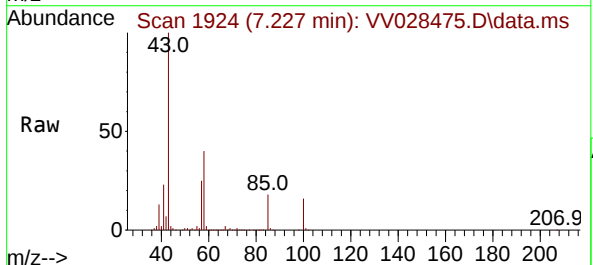
Tgt Ion: 43 Resp: 549970

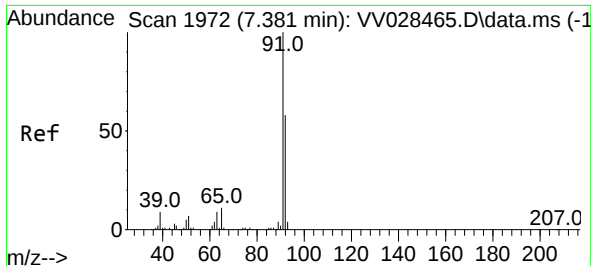
Ion Ratio Lower Upper

43 100

58 39.5 31.3 46.9

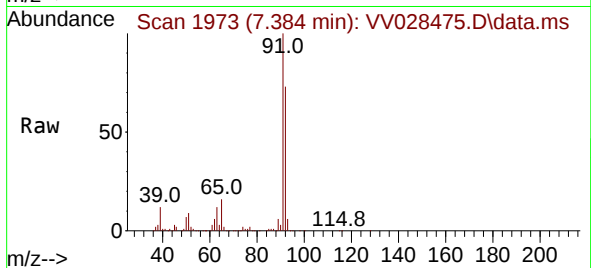
100 15.5 11.5 17.3





#42
Toluene
Concen: 1512.141 ug/L m
RT: 7.384 min Scan# 1972
Delta R.T. 0.003 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

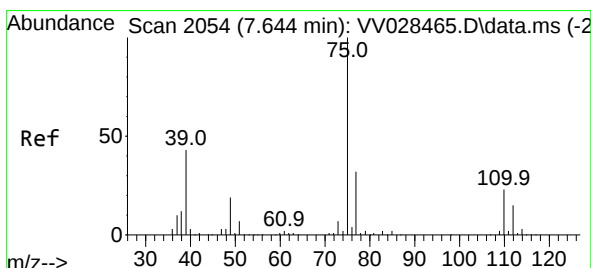
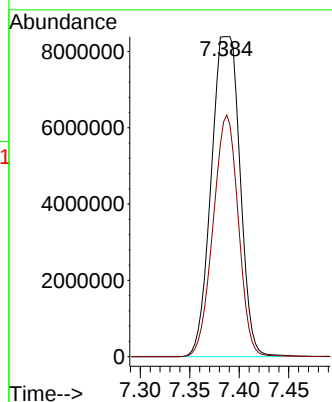
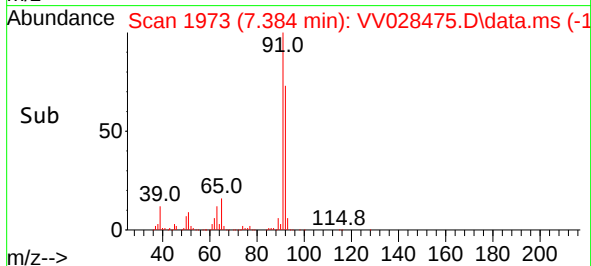
Instrument :
MSVOA_V
ClientSampleId :
E10007MS



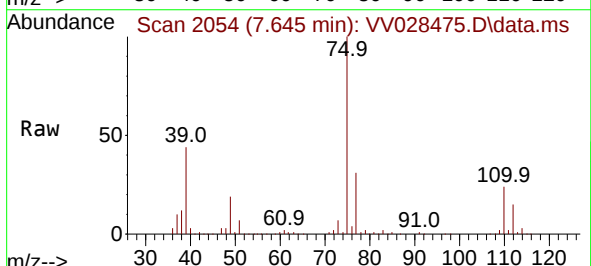
Tgt Ion: 91 Resp:1696383
Ion Ratio Lower Upper
91 100
92 73.4 40.9 76.0

Manual Integrations
APPROVED

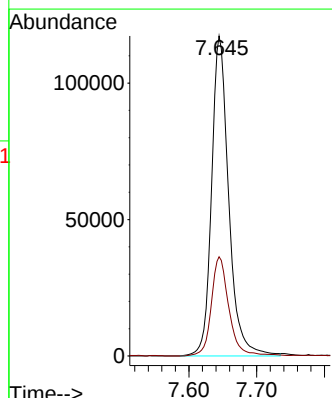
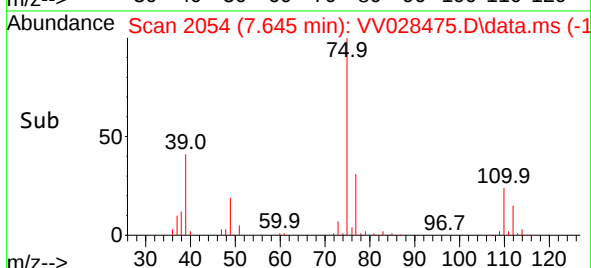
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

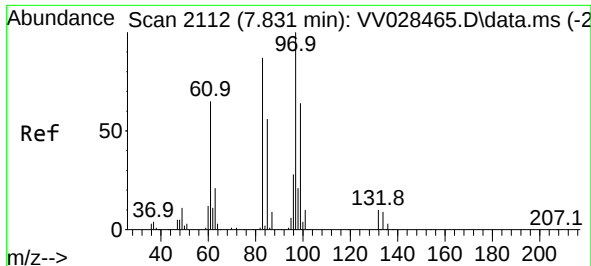


#44
trans-1,3-Dichloropropene
Concen: 46.226 ug/L
RT: 7.645 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04



Tgt Ion: 75 Resp: 205941
Ion Ratio Lower Upper
75 100
77 31.0 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 47.119 ug/L

RT: 7.834 min Scan# 2112

Delta R.T. 0.003 min

Lab File: VV028475.D

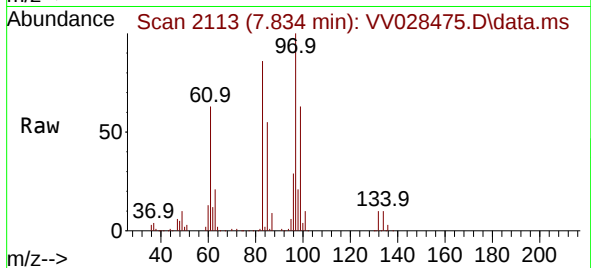
Acq: 09 Oct 2022 07:04

Instrument :

MSVOA_V

ClientSampleId :

E10007MS



Tgt Ion: 97 Resp: 12734

Ion Ratio Lower Upper

97 100

99 63.1 43.9 81.5

83 86.0 61.9 114.9

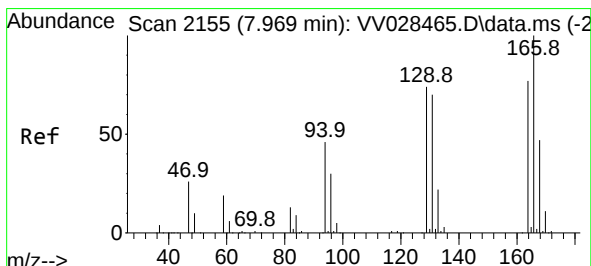
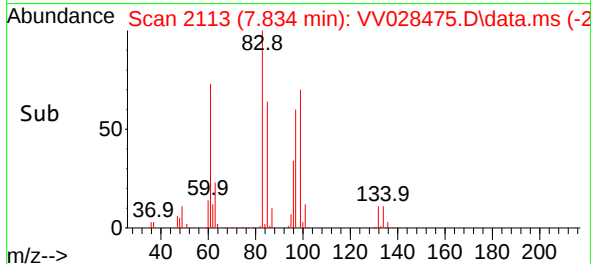
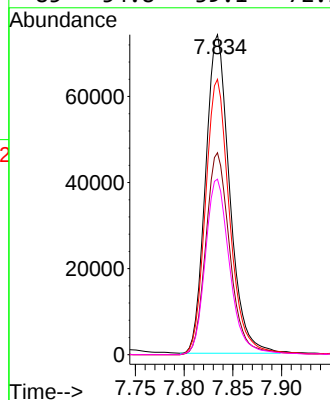
85 54.8 39.1 72.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/10/2022

Supervised By :Mahesh Dadoda 10/10/2022



#46

Tetrachloroethene

Concen: 50.599 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV028475.D

Acq: 09 Oct 2022 07:04

Tgt Ion:164 Resp: 98163

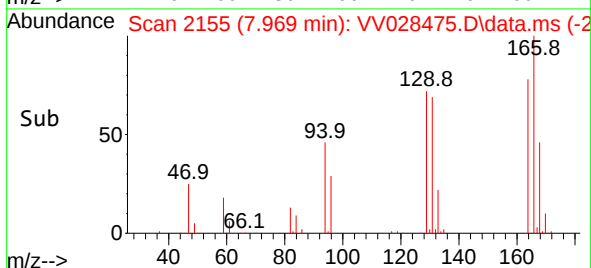
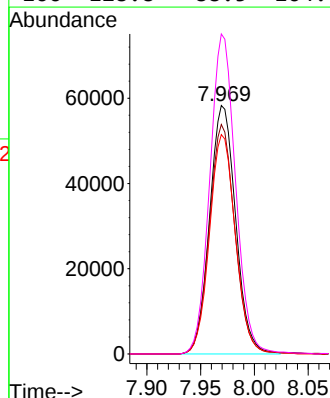
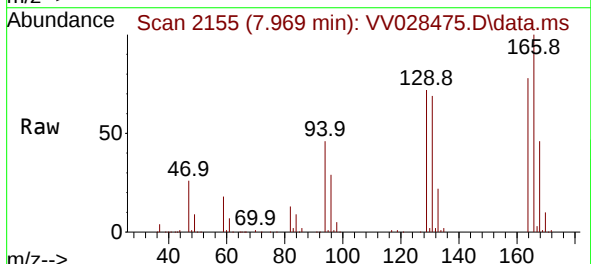
Ion Ratio Lower Upper

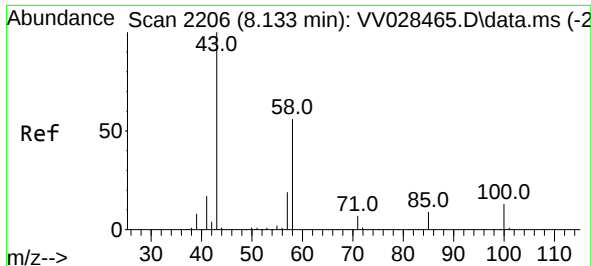
164 100

129 92.4 67.4 125.2

131 88.3 65.2 121.2

166 128.8 88.5 164.4





#48

2-Hexanone

Concen: 114.184 ug/L

RT: 8.136 min Scan# 2206

Delta R.T. 0.003 min

Lab File: VV028475.D

Acq: 09 Oct 2022 07:04

Instrument :

MSVOA_V

ClientSampleId :

E10007MS

Tgt Ion: 43 Resp: 43623

Ion Ratio Lower Upper

43 100

58 56.0 43.9 65.9

57 19.2 15.1 22.7

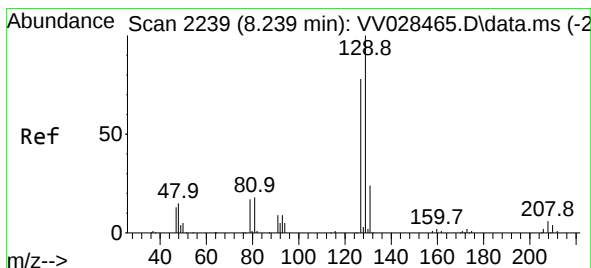
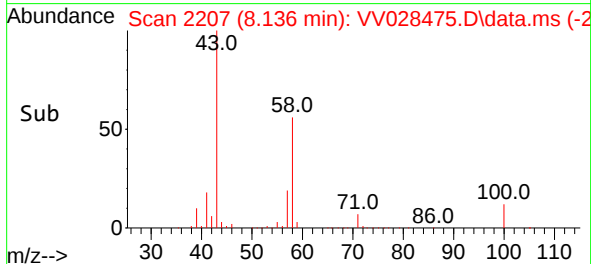
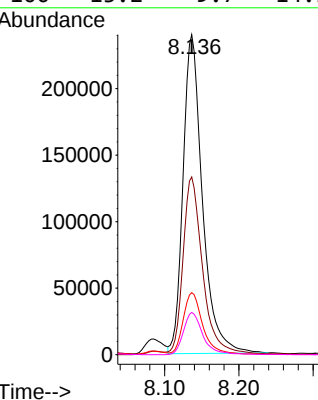
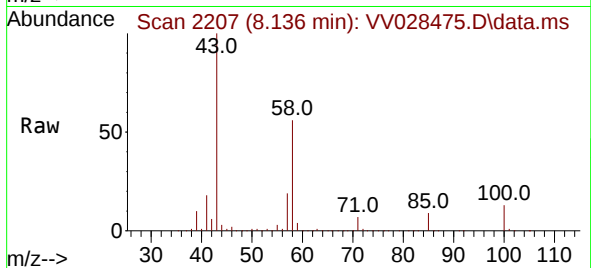
100 13.2 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/10/2022

Supervised By :Mahesh Dadoda 10/10/2022



#49

Dibromochloromethane

Concen: 49.985 ug/L

RT: 8.239 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VV028475.D

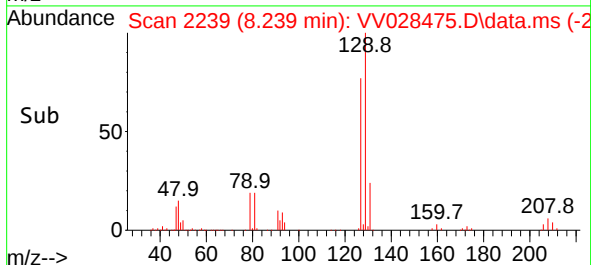
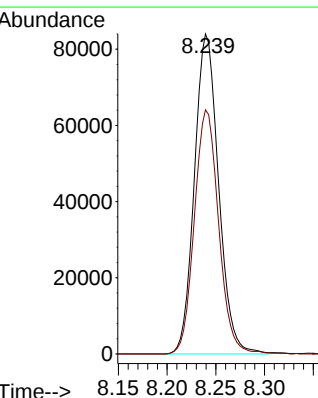
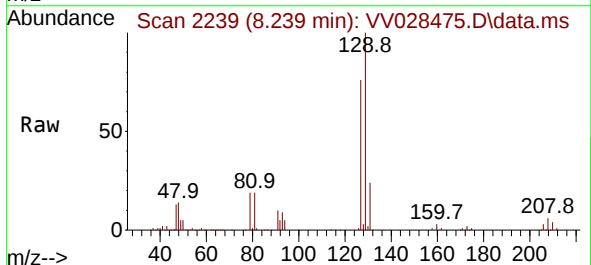
Acq: 09 Oct 2022 07:04

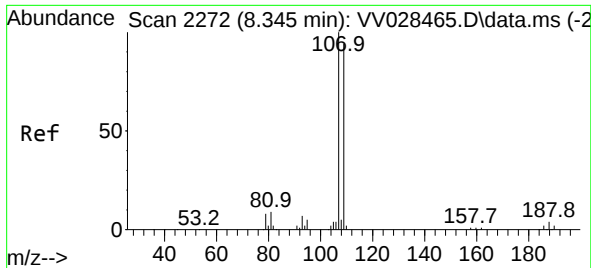
Tgt Ion:129 Resp: 145209

Ion Ratio Lower Upper

129 100

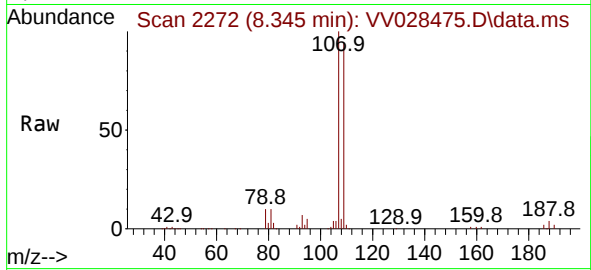
127 76.3 53.6 99.6





#50
1,2-Dibromoethane
Concen: 49.445 ug/L
RT: 8.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

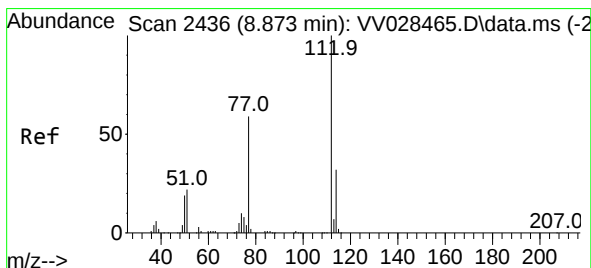
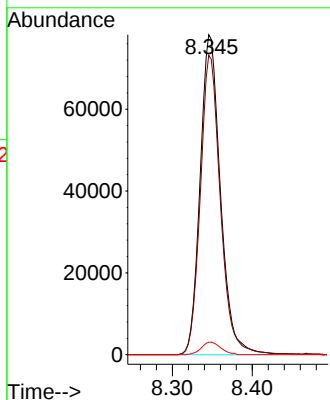
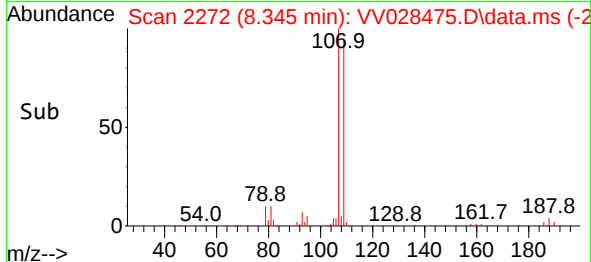
Instrument :
MSVOA_V
ClientSampleId :
E10007MS



Tgt Ion:107 Resp: 13836
Ion Ratio Lower Upper
107 100
109 93.5 65.9 122.5
188 3.9 3.0 4.4

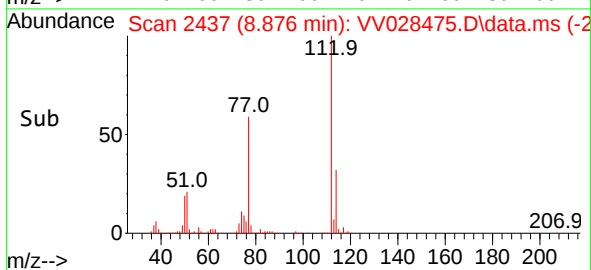
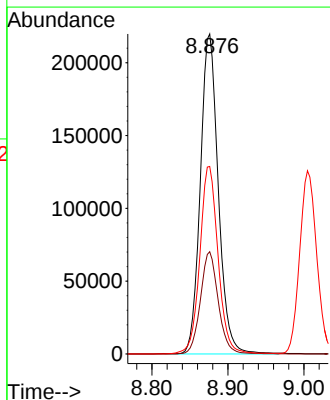
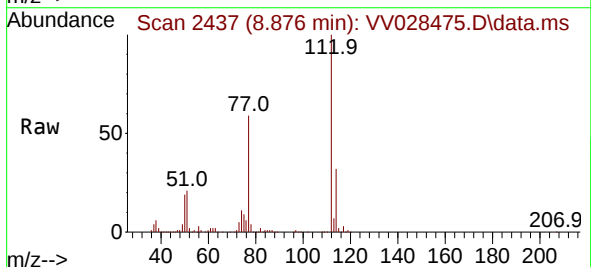
Manual Integrations
APPROVED

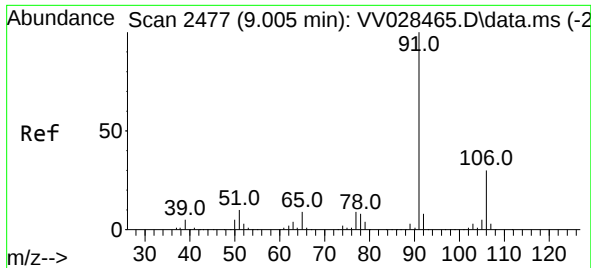
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#51
Chlorobenzene
Concen: 51.306 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

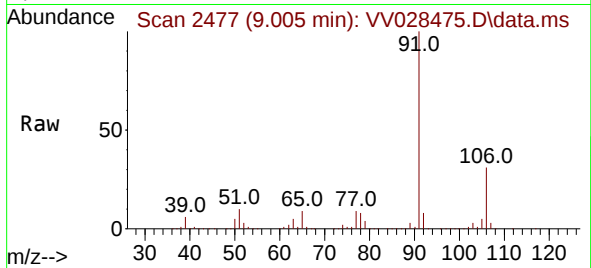
Tgt Ion:112 Resp: 361120
Ion Ratio Lower Upper
112 100
114 31.9 21.7 40.3
77 58.6 48.7 73.1





#52
Ethylbenzene
Concen: 183.745 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

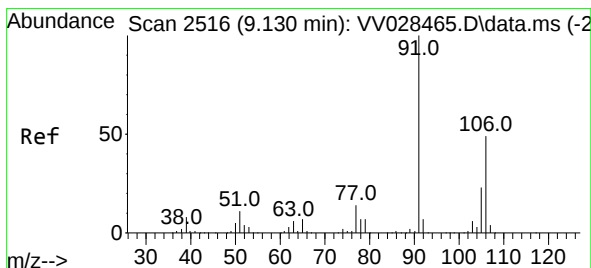
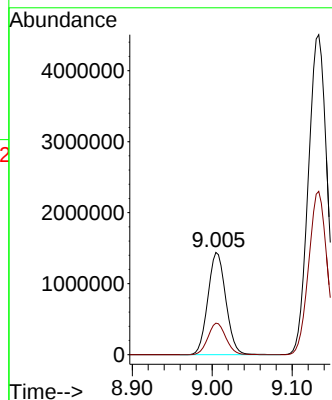
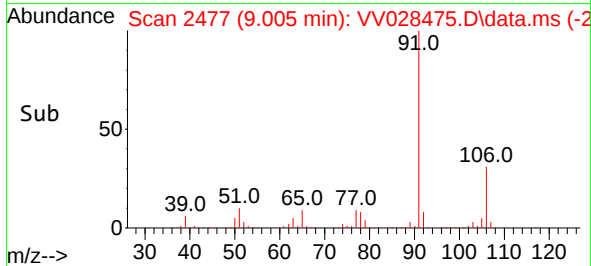
Instrument :
MSVOA_V
ClientSampleId :
E10007MS



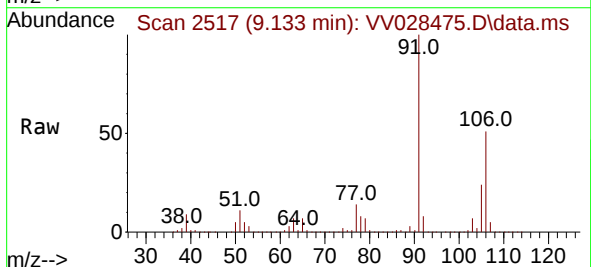
Tgt Ion: 91 Resp: 2246700
Ion Ratio Lower Upper
91 100
106 30.9 21.4 39.8

Manual Integrations
APPROVED

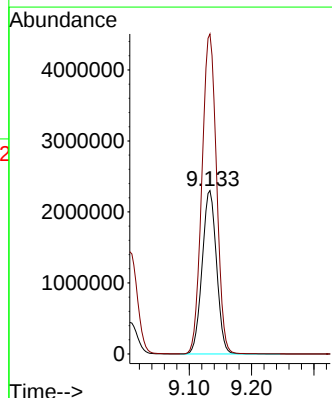
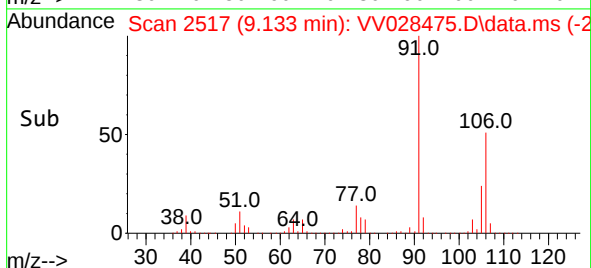
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

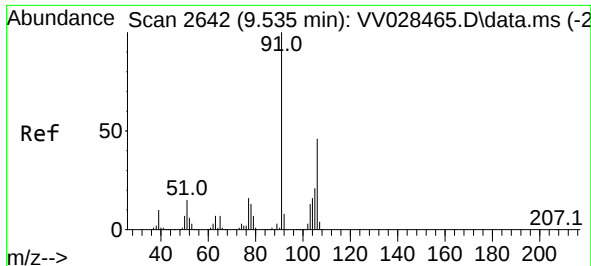


#53
m,p-Xylene
Concen: 795.661 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04



Tgt Ion:106 Resp: 3687536
Ion Ratio Lower Upper
106 100
91 195.8 145.2 269.6





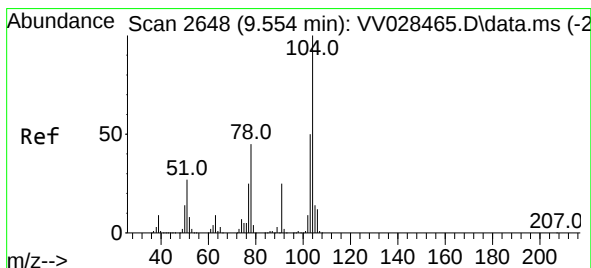
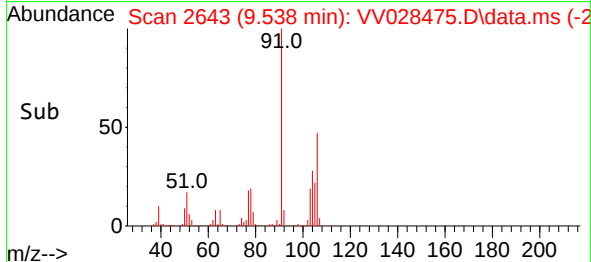
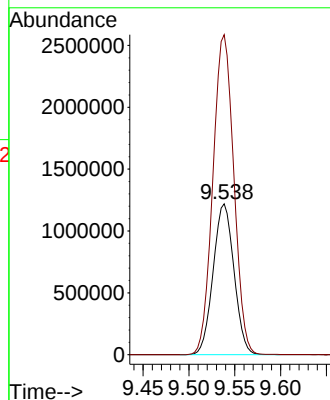
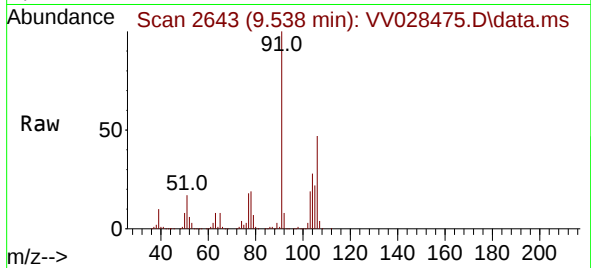
#54
o-Xylene
Concen: 415.248 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

Instrument :
MSVOA_V
ClientSampleId :
E10007MS

Tgt Ion:106 Resp: 1926958
Ion Ratio Lower Upper
106 100
91 212.1 152.5 283.3

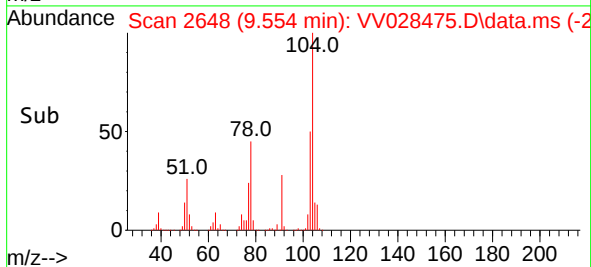
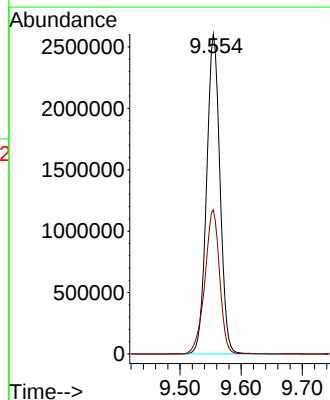
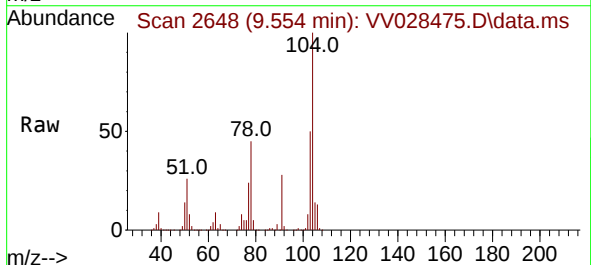
Manual Integrations
APPROVED

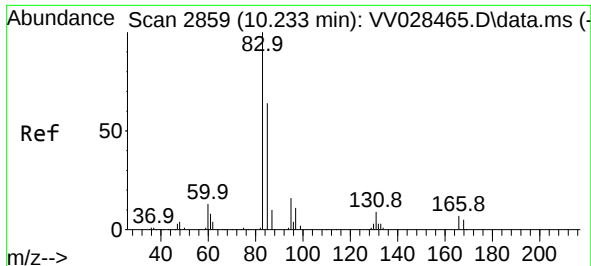
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#55
Styrene
Concen: 496.311 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

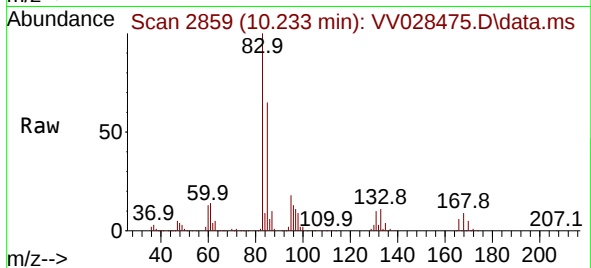
Tgt Ion:104 Resp: 3955169
Ion Ratio Lower Upper
104 100
78 45.0 31.9 59.2





#57
1,1,2,2-Tetrachloroethane
Concen: 47.058 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

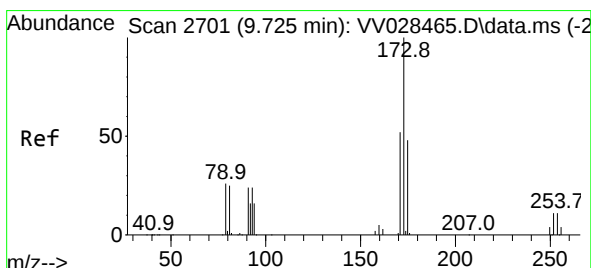
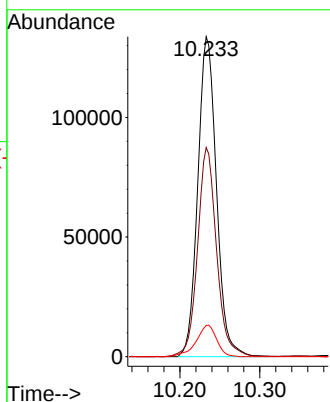
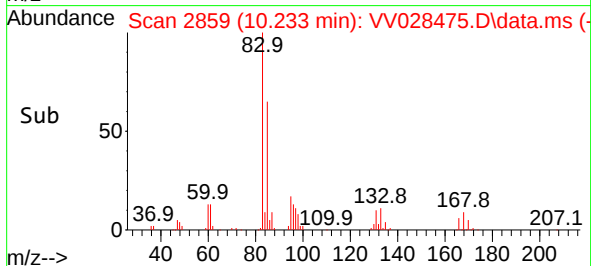
Instrument :
MSVOA_V
ClientSampleId :
E10007MS



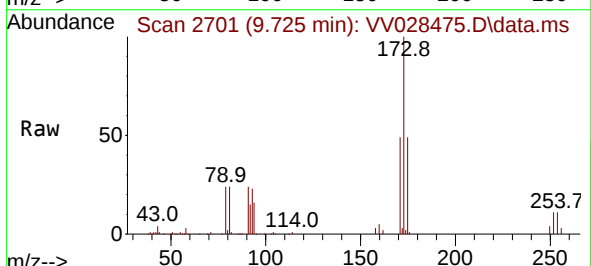
Tgt Ion: 83 Resp: 21780
Ion Ratio Lower Upper
83 100
85 65.3 44.8 83.2
131 9.8 7.2 10.8

Manual Integrations
APPROVED

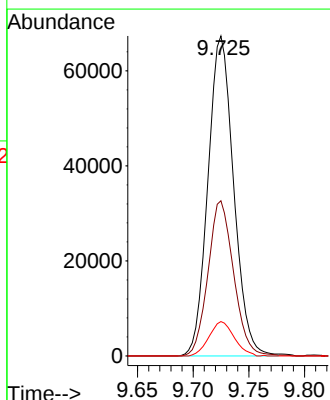
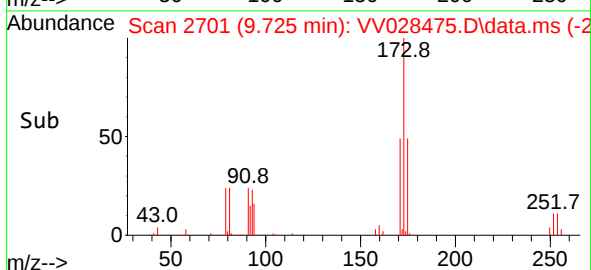
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

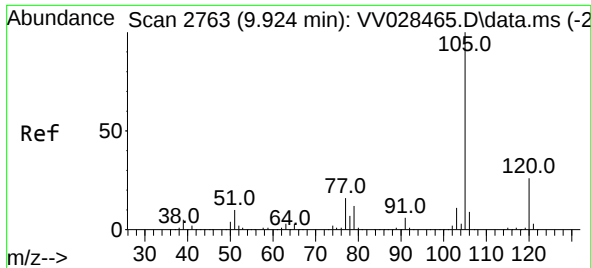


#59
Bromoform
Concen: 48.546 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04



Tgt Ion:173 Resp: 108032
Ion Ratio Lower Upper
173 100
175 48.3 38.6 57.8
254 10.5 8.4 12.6





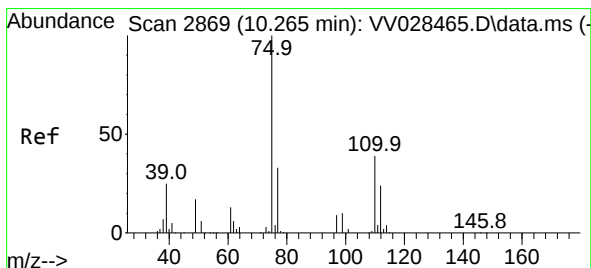
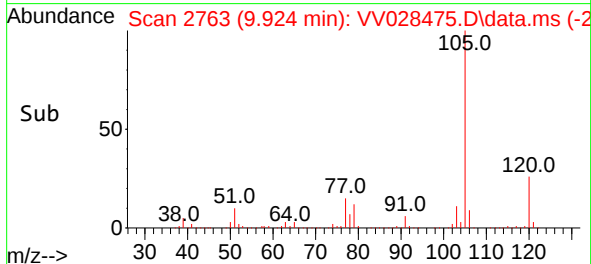
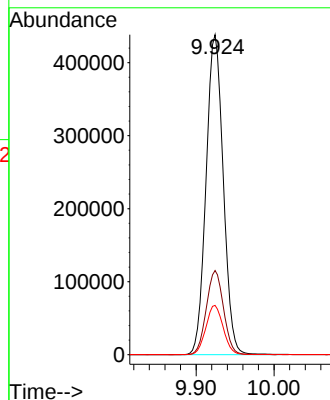
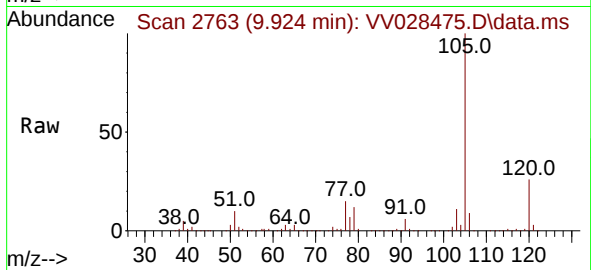
#60
Isopropylbenzene
Concen: 51.868 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

Instrument :
MSVOA_V
ClientSampleId :
E10007MS

Tgt Ion:105 Resp: 67165
Ion Ratio Lower Upper
105 100
120 26.3 20.5 30.7
77 15.5 12.7 19.1

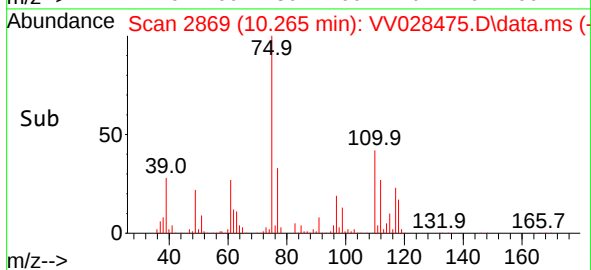
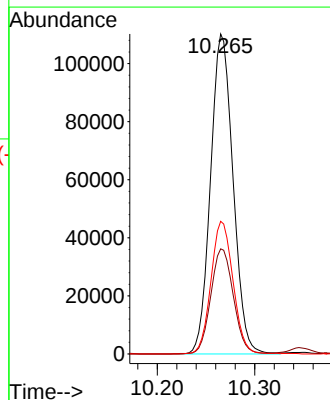
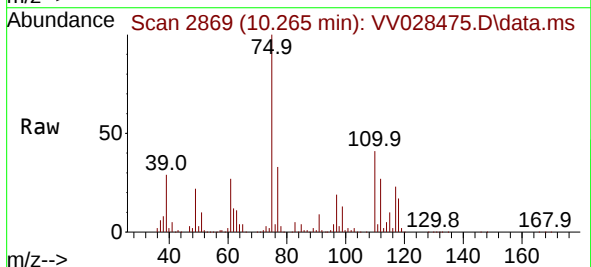
Manual Integrations
APPROVED

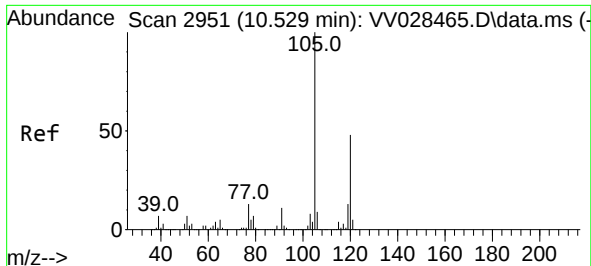
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#61
1,2,3-Trichloropropane
Concen: 46.178 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

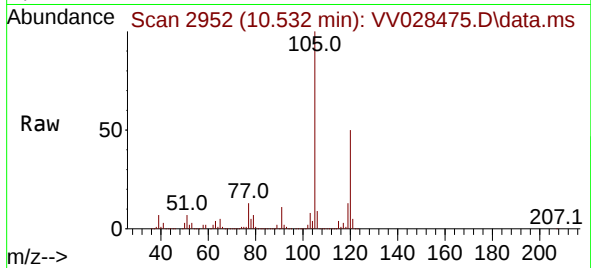
Tgt Ion: 75 Resp: 176663
Ion Ratio Lower Upper
75 100
77 33.1 25.7 38.5
110 40.6 30.0 45.0





#62
1,3,5-Trimethylbenzene
Concen: 132.300 ug/L
RT: 10.532 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

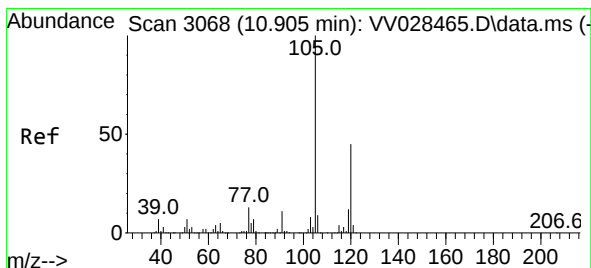
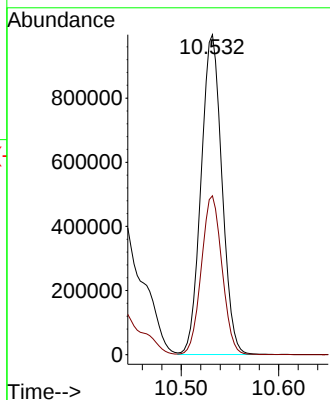
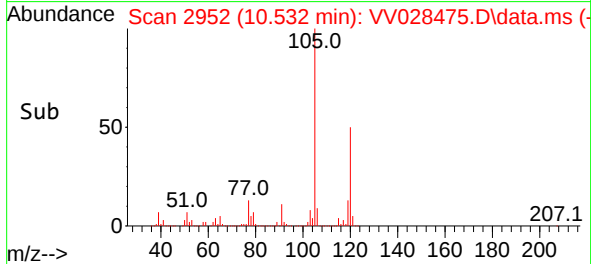
Instrument :
MSVOA_V
ClientSampleId :
E10007MS



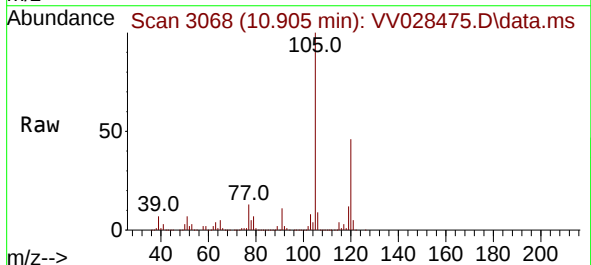
Tgt Ion:105 Resp: 148377
Ion Ratio Lower Upper
105 100
120 49.4 39.1 58.7

Manual Integrations
APPROVED

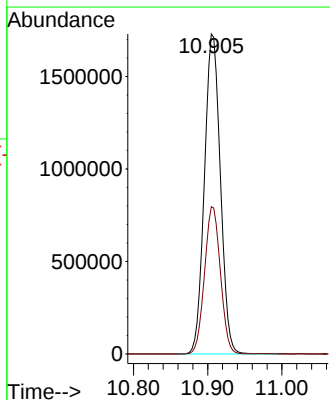
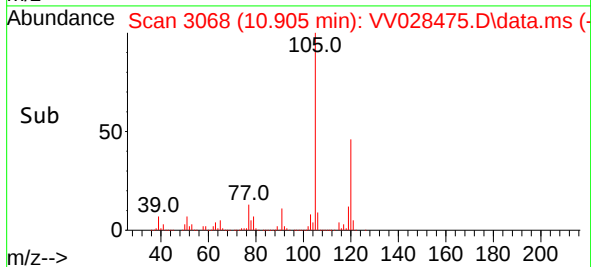
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

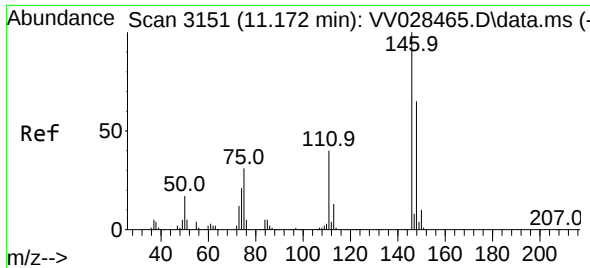


#63
1,2,4-Trimethylbenzene
Concen: 231.374 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04



Tgt Ion:105 Resp: 2575688
Ion Ratio Lower Upper
105 100
120 45.7 35.9 53.9





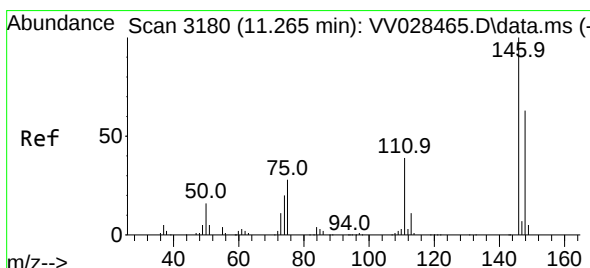
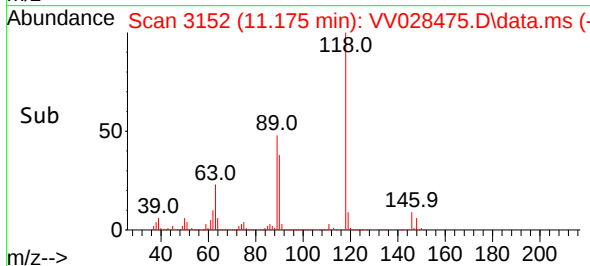
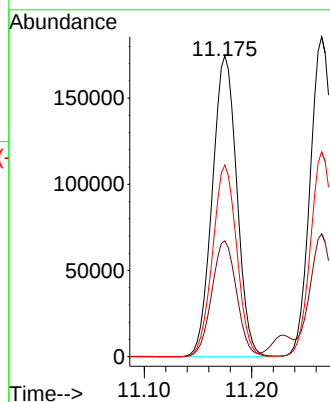
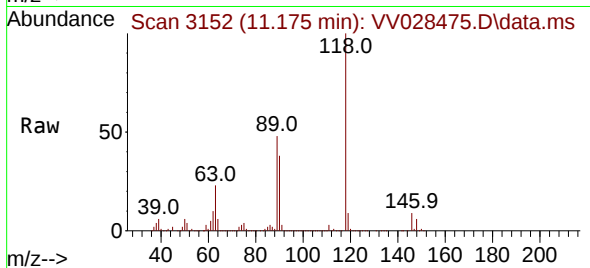
#64
1,3-Dichlorobenzene
Concen: 48.829 ug/L
RT: 11.175 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

Instrument :
MSVOA_V
ClientSampleId :
E10007MS

Tgt Ion:146 Resp: 27655
Ion Ratio Lower Upper
146 100
111 38.5 29.0 53.9
148 63.7 44.6 82.8

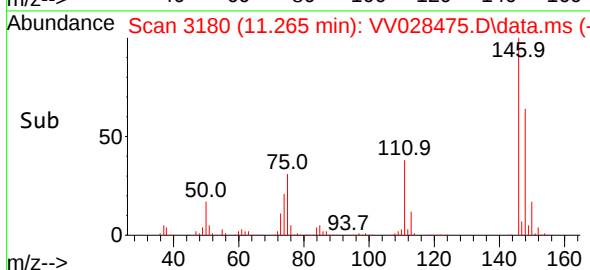
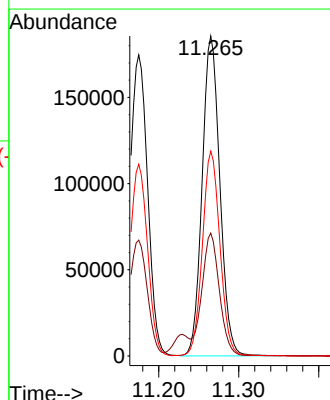
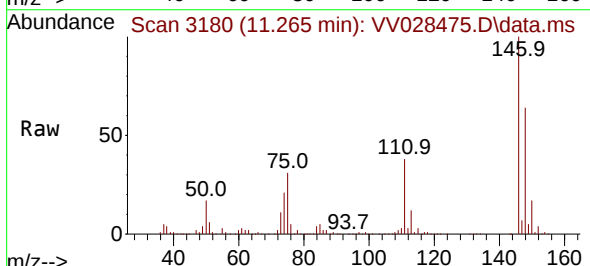
Manual Integrations
APPROVED

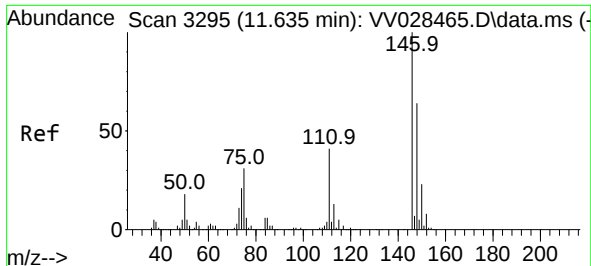
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#65
1,4-Dichlorobenzene
Concen: 50.638 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

Tgt Ion:146 Resp: 286177
Ion Ratio Lower Upper
146 100
111 38.4 26.6 49.4
148 64.0 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 49.617 ug/L

RT: 11.635 min Scan# 3295

Delta R.T. 0.000 min

Lab File: VV028475.D

Acq: 09 Oct 2022 07:04

Instrument :

MSVOA_V

ClientSampleId :

E10007MS

Tgt Ion:146 Resp: 283629

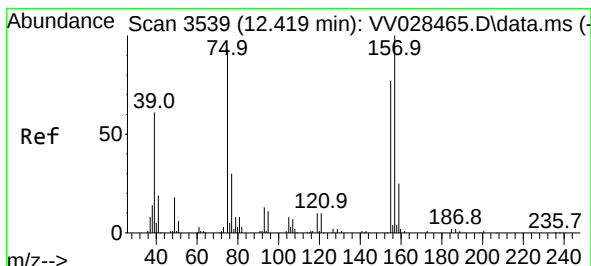
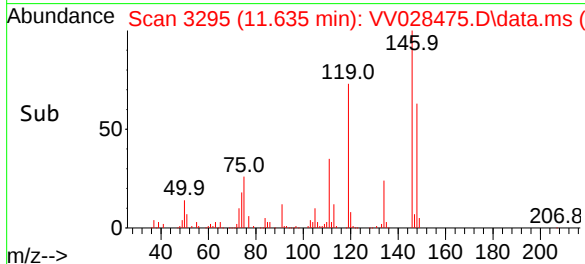
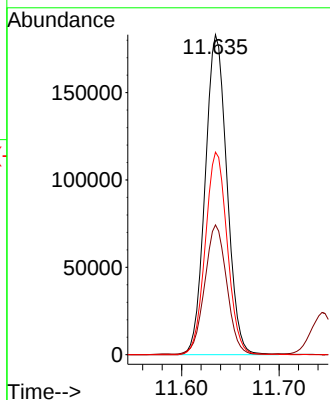
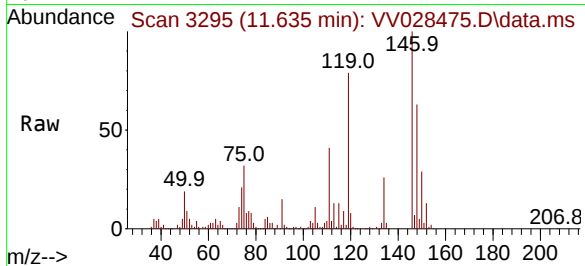
Ion	Ratio	Lower	Upper
146	100		
111	40.5	33.9	50.9
148	63.3	50.6	75.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/10/2022

Supervised By :Mahesh Dadoda 10/10/2022



#68

1,2-Dibromo-3-chloropropane

Concen: 50.015 ug/L

RT: 12.419 min Scan# 3539

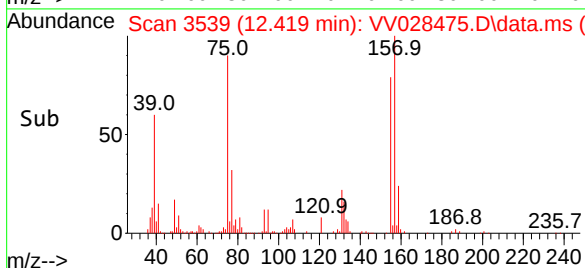
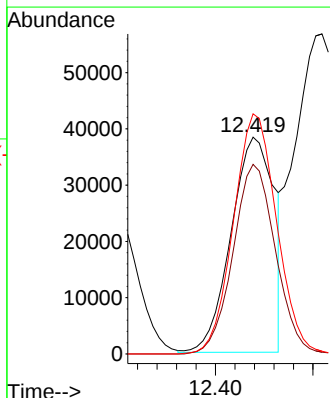
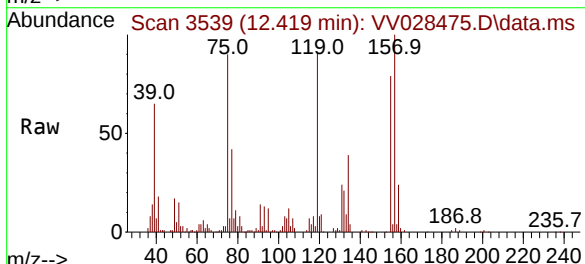
Delta R.T. 0.000 min

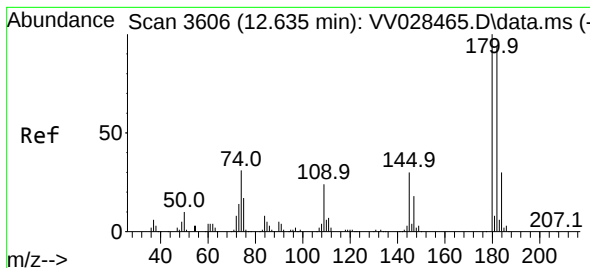
Lab File: VV028475.D

Acq: 09 Oct 2022 07:04

Tgt Ion: 75 Resp: 58554

Ion	Ratio	Lower	Upper
75	100		
155	87.4	65.0	97.6
157	110.7	86.0	129.0





#69

1,3,5-Trichlorobenzene

Concen: 48.443 ug/L

RT: 12.638 min Scan# 3606

Delta R.T. 0.003 min

Lab File: VV028475.D

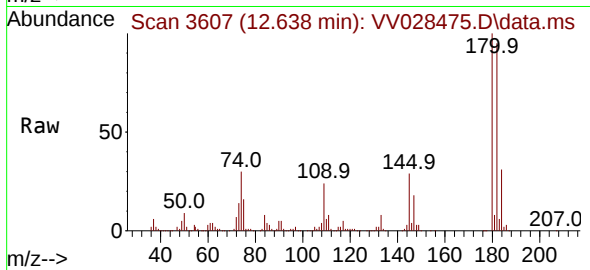
Acq: 09 Oct 2022 07:04

Instrument :

MSVOA_V

ClientSampleId :

E10007MS



Tgt Ion:180 Resp: 20838

Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

184 30.2 24.0 36.0

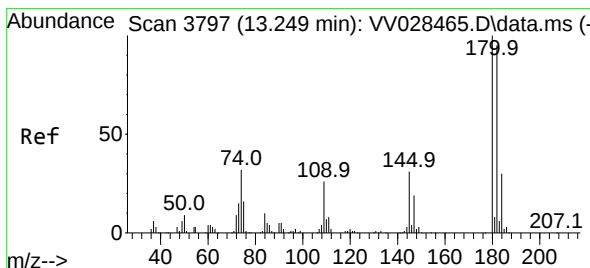
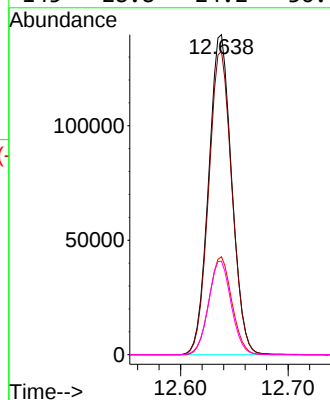
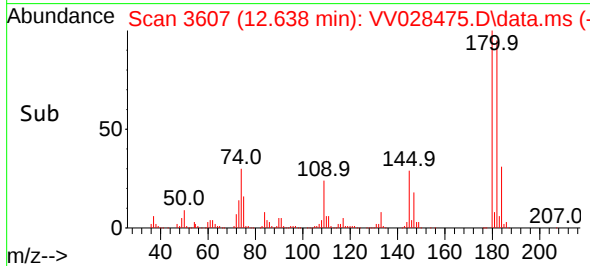
145 28.8 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/10/2022

Supervised By :Mahesh Dadoda 10/10/2022



#70

1,2,4-trichlorobenzene

Concen: 51.832 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. 0.003 min

Lab File: VV028475.D

Acq: 09 Oct 2022 07:04

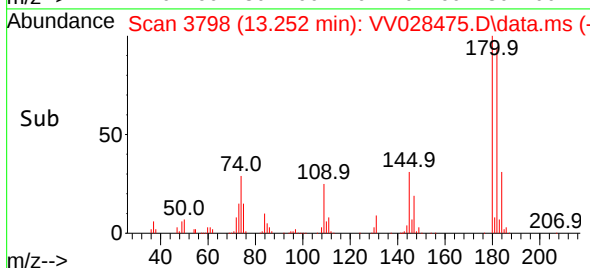
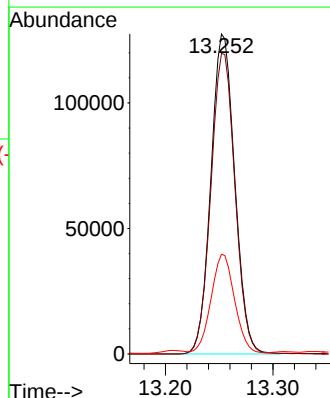
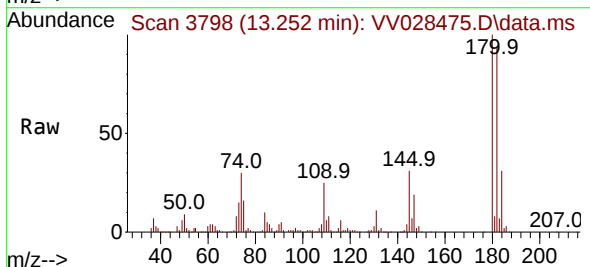
Tgt Ion:180 Resp: 196526

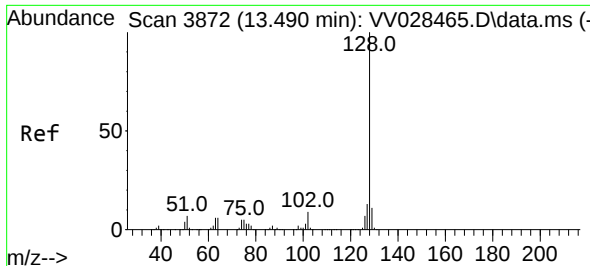
Ion Ratio Lower Upper

180 100

182 95.0 75.3 112.9

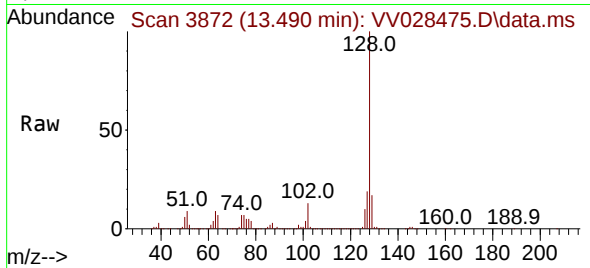
145 30.2 24.3 36.5





#71
Naphthalene
Concen: 2456.972 ug/L m
RT: 13.490 min Scan# 3872
Delta R.T. 0.000 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

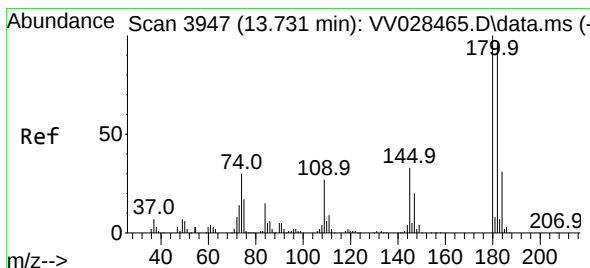
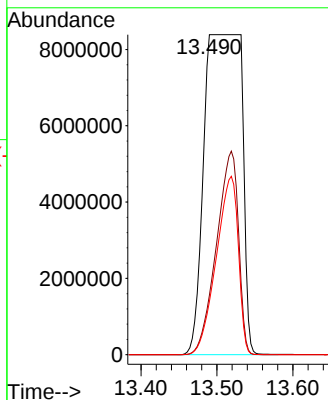
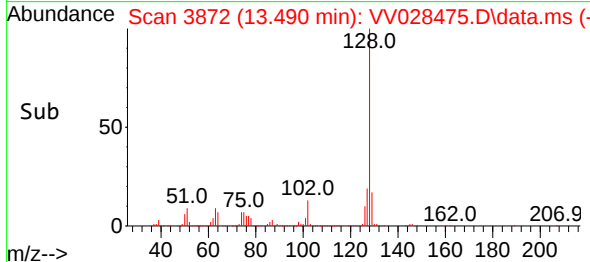
Instrument :
MSVOA_V
ClientSampleId :
E10007MS



Tgt Ion:128 Resp:28975080
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8
129 0.0 8.9 13.3

Manual Integrations
APPROVED

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



#72
1,2,3-Trichlorobenzene
Concen: 50.503 ug/L
RT: 13.734 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VV028475.D
Acq: 09 Oct 2022 07:04

Tgt Ion:180 Resp: 186690
Ion Ratio Lower Upper
180 100
182 94.1 75.4 113.0
145 39.1 26.5 39.7

