

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
 Data File : VL041529.D
 Acq On : 12 Aug 2024 10:05
 Operator : SY/MD
 Sample : VL0812ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0812ABS01

Quant Time: Aug 13 02:11:06 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 13 02:11:06 2024

QLast Update : Tue Aug 13 02:09:20 2024

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/13/2024
 Supervised By : Mahesh Dadoda 08/13/2024

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

Internal Standards						
1) Bromochloromethane	5.195	49	988193	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2660153	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2524478m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.774 95 1891814 9.738 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.400%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.739	85	905343	5.325 ppbv	99
3) Chlorodifluoromethane	2.684	51	1121989	9.538 ppbv	99
4) Chloromethane	2.822	50	610004	9.749 ppbv	100
5) Vinyl Chloride	2.928	62	620995	10.069 ppbv	97
6) Bromomethane	3.128	94	326521	10.301 ppbv	100
7) Chloroethane	3.205	64	215022	10.102 ppbv	90
8) Dichlorotetrafluoroethane	2.867	85	1373877	9.121 ppbv	98
9) Propene	2.703	41	519112	9.606 ppbv	99
10) Heptane	7.581	43	1282690	10.564 ppbv	100
11) Trichlorofluoromethane	3.568	101	1455475	9.640 ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.073	101	1068922	9.832 ppbv	99
13) Ethanol	3.247	45	38526m	7.976 ppbv	
14) Bromoethene	3.375	108	438805	10.353 ppbv	99
15) Acetone	3.475	43	1101046	9.806 ppbv	100
16) 1,3-Butadiene	2.993	39	605142	10.088 ppbv	99
17) tert-Butyl alcohol	3.880	59	1112351	10.863 ppbv	99
18) 1,1-Dichloroethene	3.886	96	477938	10.277 ppbv	97
19) Isopropyl Alcohol	3.581	45	675688	10.294 ppbv	99
20) Methylene Chloride	3.938	84	402818	9.621 ppbv	97
21) Allyl Chloride	4.002	41	754318	10.244 ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	472384	10.159 ppbv	98
23) Vinyl Acetate	4.629	43	974925	11.369 ppbv	99
24) 1,1-Dichloroethane	4.568	63	1014451	10.047 ppbv	99
25) Ethyl Acetate	5.208	43	2341862	10.499 ppbv	100
26) Hexane	5.218	57	970422	10.487 ppbv	100
27) Carbon Disulfide	4.131	76	1148640	10.611 ppbv	99
28) Methyl tert-Butyl Ether	4.591	73	609853	10.451 ppbv	99
29) Chloroform	5.279	83	1511516	10.015 ppbv	96
30) Cyclohexane	6.607	84	821031	10.896 ppbv	98
31) cis-1,2-Dichloroethene	5.083	61	937376	10.255 ppbv	99
32) 1,1,1-Trichloroethane	6.005	97	1493561	10.166 ppbv	99
34) 2-Butanone	4.790	43	1382863	10.746 ppbv	100
35) Carbon Tetrachloride	6.497	117	1557349	10.614 ppbv	99
36) Benzene	6.372	78	2036238	10.476 ppbv	99
37) 1,2-Dichloroethane	5.809	62	1145036	10.525 ppbv	100
38) Trichloroethene	7.291	130	931264	10.458 ppbv	96
39) 1,2-Dichloropropane	7.073	63	795856	10.695 ppbv	97
40) 1,4-Dioxane	7.285	88	336934	11.271 ppbv	98
41) Tetrahydrofuran	5.558	42	820821	11.153 ppbv	99
42) Bromodichloromethane	7.250	83	1656690	10.546 ppbv	96
43) Methyl Methacrylate	7.475	69	808977	11.606 ppbv	97
44) 2,2,4-Trimethylpentane	7.330	57	3444514	10.610 ppbv	100
45) t-1,3-Dichloropropene	8.713	75	825143	12.861 ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
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 Sample : VL0812ABS01
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Instrument :
 MSVOA_L
 ClientSampleId :
 VL0812ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/13/2024
 Supervised By : Mahesh Dadoda 08/13/2024

Quant Time: Aug 13 02:11:06 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

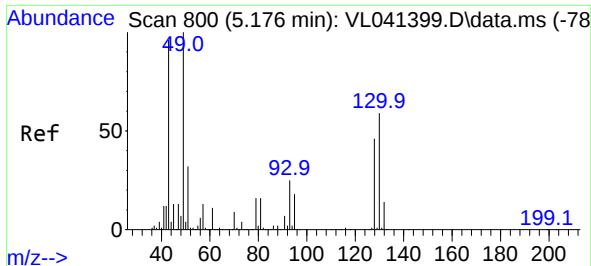
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Aug 13 02:09:20 2024

Response via : Initial Calibration

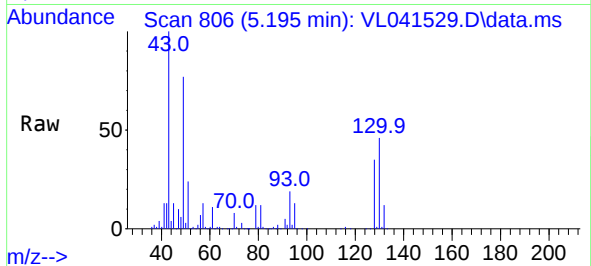
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.144	75	1114571	12.031	ppbv	98
47) 1,1,2-Trichloroethane	8.899	97	863062	10.521	ppbv	98
48) Dibromochloromethane	9.709	129	1432991	10.844	ppbv	99
49) Bromoform	12.407	173	1254551	11.239	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2303506	11.346	ppbv	100
51) 2-Hexanone	9.552	43	1867694	12.166	ppbv #	98
52) Tetrachloroethene	10.616	164	777552	10.353	ppbv	98
53) Toluene	9.221	91	2380203	10.993	ppbv	100
54) 1,2-Dibromoethane	10.008	107	1228899	11.255	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.507	131	1036341	10.585	ppbv #	57
57) Chlorobenzene	11.526	112	1863270	10.367	ppbv	99
58) Ethyl Benzene	12.089	91	3212582	11.041	ppbv	99
59) m/p-Xylene	12.372	91	5471535m	21.783	ppbv	
60) o-Xylene	13.057	91	2624879	11.047	ppbv	100
61) Styrene	12.899	104	1281440	11.954	ppbv	99
62) Isopropylbenzene	14.031	105	3800877	10.522	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.047	83	1617481	10.780	ppbv	100
64) n-propylbenzene	14.915	120	1017816	10.778	ppbv	94
65) tert-Butylbenzene	16.092	119	3434158	10.526	ppbv	100
66) Benzyl Chloride	16.330	91	289599	13.839	ppbv	98
67) sec-Butylbenzene	16.635	105	4831714	10.749	ppbv	100
69) p-Isopropyltoluene	16.995	119	4063282	10.893	ppbv	100
70) n-Butylbenzene	17.886	91	4227497	11.055	ppbv	99
71) 2-Chlorotoluene	14.799	91	2864928	10.755	ppbv	99
72) 4-Ethyltoluene	15.191	105	3146268	11.247	ppbv	98
73) 1,3,5-Trimethylbenzene	15.352	105	2690441	11.164	ppbv	100
74) 1,2,4-Trimethylbenzene	16.108	105	3014700	10.760	ppbv	99
75) 1,3-Dichlorobenzene	16.330	146	1876465	10.654	ppbv	100
76) 1,4-Dichlorobenzene	16.474	146	1877028	11.006	ppbv	97
77) 1,2-Dichlorobenzene	17.140	146	1824591	10.450	ppbv	99
78) Hexachloro-1,3-Butadiene	22.638	225	1386346m	9.311	ppbv	
79) Naphthalene	21.381	128	3075936	12.438	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	2572995	12.412	ppbv	100
81) 1,2,4-Trichlorobenzene	21.143	180	1625135	11.043	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

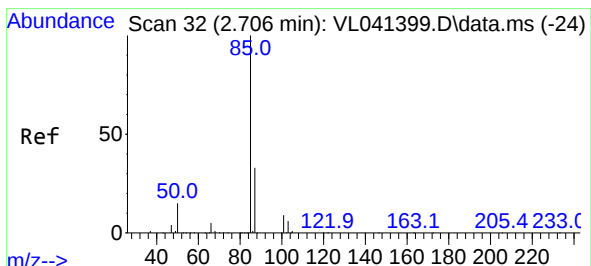
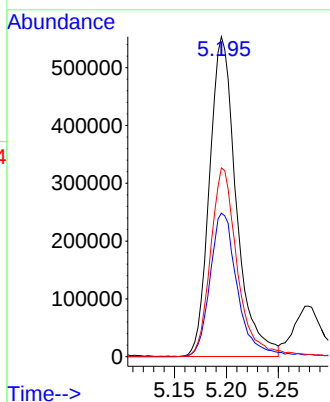
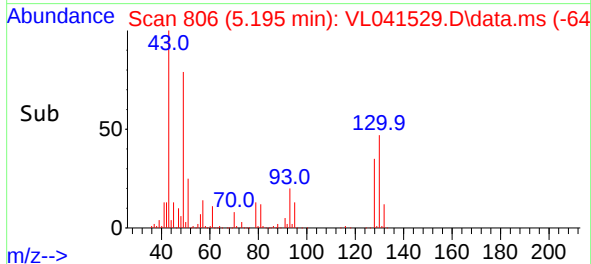
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



Tgt Ion: 49 Resp: 98819
Ion Ratio Lower Upper
49 100
128 47.3 23.8 71.4
130 60.2 30.8 92.4

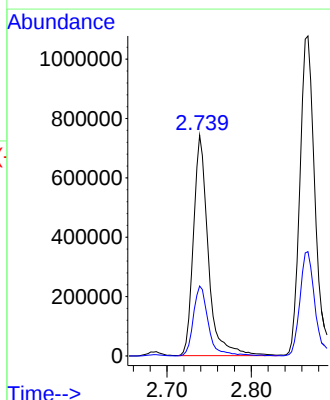
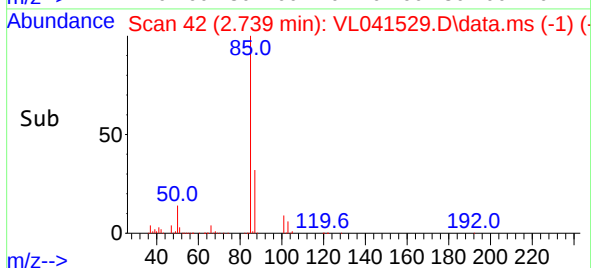
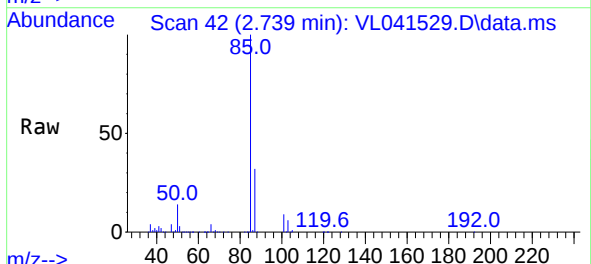
Manual Integrations
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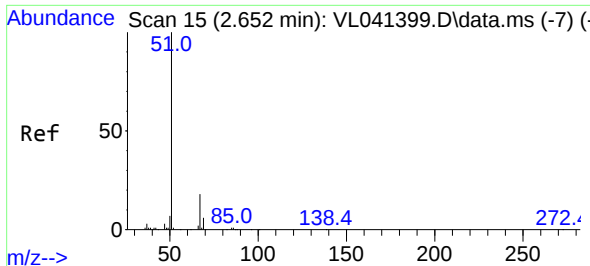
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#2
Dichlorodifluoromethane
Concen: 5.325 ppbv
RT: 2.739 min Scan# 42
Delta R.T. 0.010 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

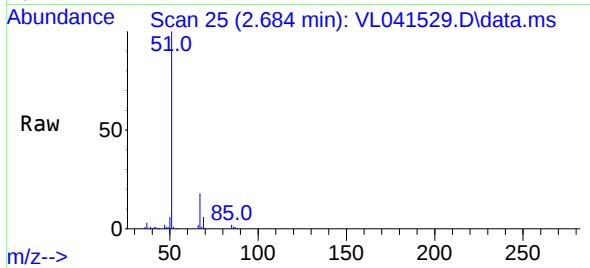
Tgt Ion: 85 Resp: 905343
Ion Ratio Lower Upper
85 100
87 31.7 26.0 39.0





#3
Chlorodifluoromethane
Concen: 9.538 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

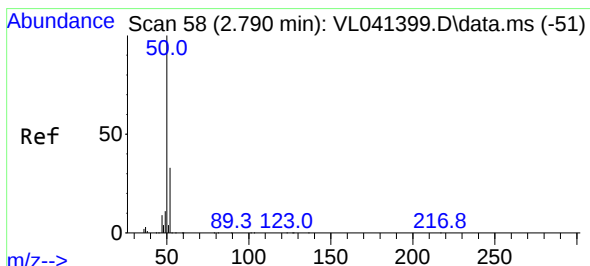
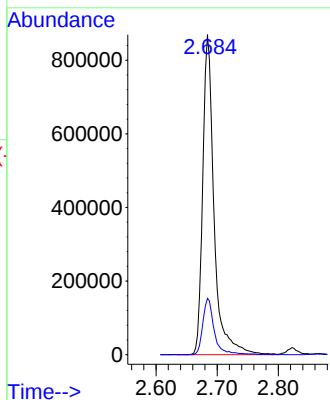
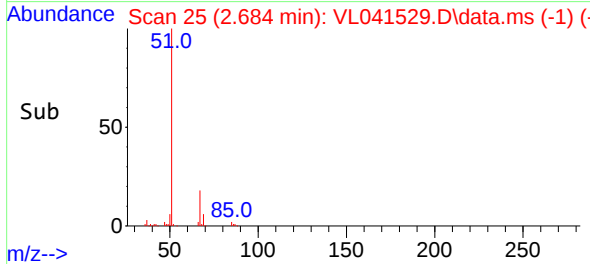
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



Tgt Ion: 51 Resp: 1121989
Ion Ratio Lower Upper
51 100
67 17.8 14.5 21.7

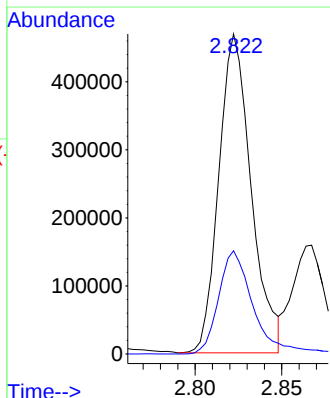
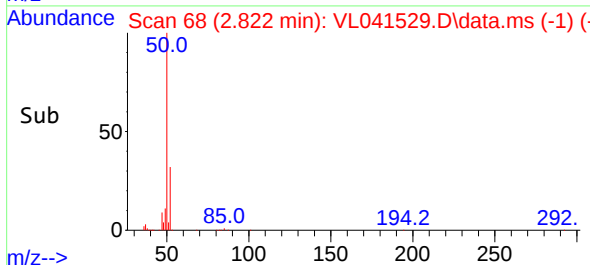
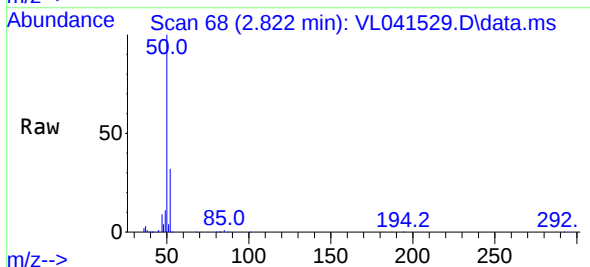
Manual Integrations
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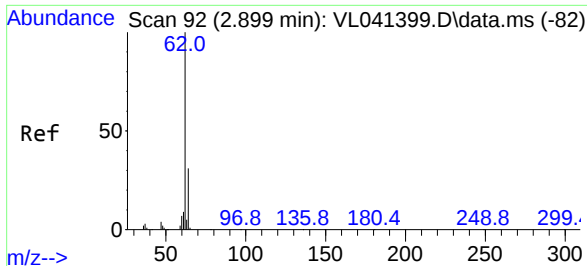
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#4
Chloromethane
Concen: 9.749 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.010 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

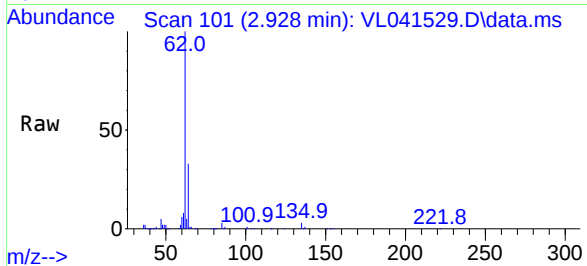
Tgt Ion: 50 Resp: 610004
Ion Ratio Lower Upper
50 100
52 32.4 26.1 39.1





#5
Vinyl Chloride
Concen: 10.069 ppbv
RT: 2.928 min Scan# 101
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

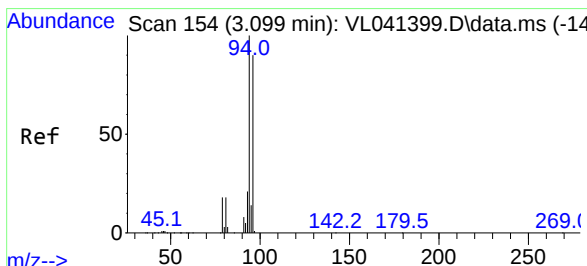
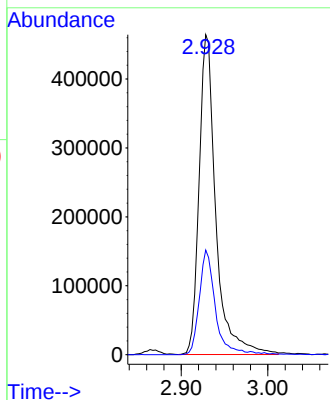
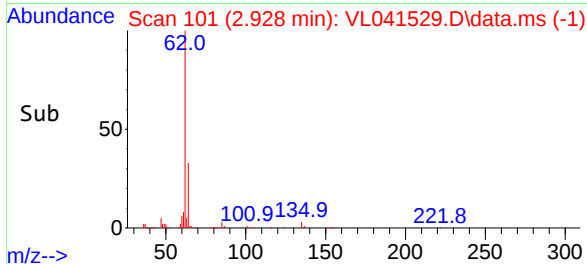
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



Tgt Ion: 62 Resp: 62099
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.4

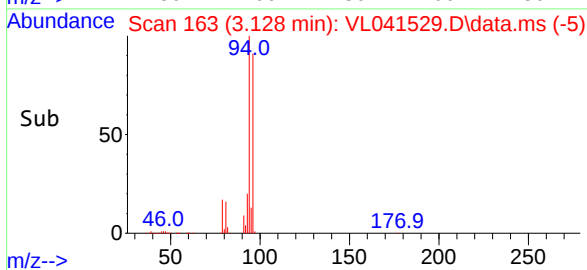
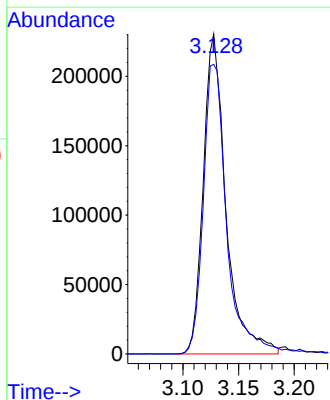
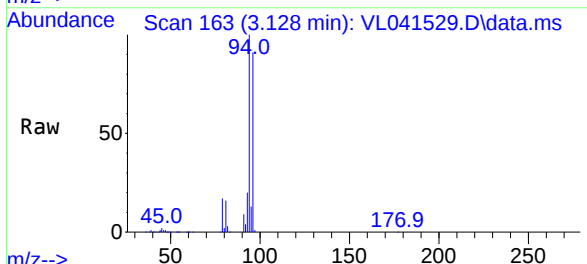
Manual Integrations
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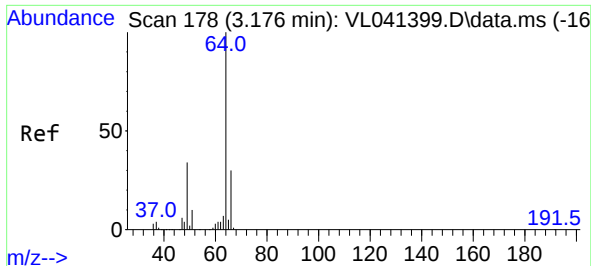
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#6
Bromomethane
Concen: 10.301 ppbv
RT: 3.128 min Scan# 163
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

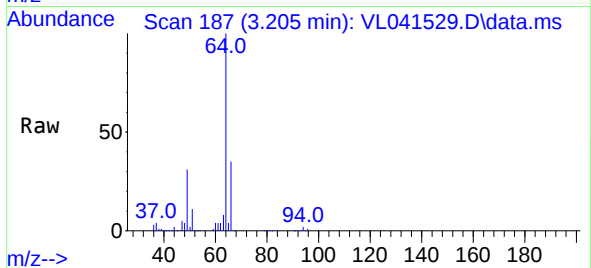
Tgt Ion: 94 Resp: 326521
Ion Ratio Lower Upper
94 100
96 90.5 72.3 108.5





#7
Chloroethane
Concen: 10.102 ppbv
RT: 3.205 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

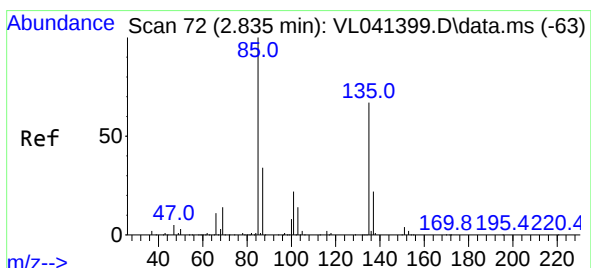
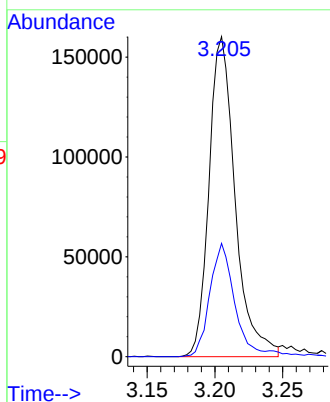
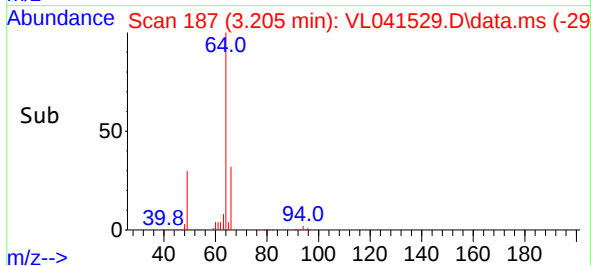
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



Tgt Ion: 64 Resp: 21502
Ion Ratio Lower Upper
64 100
66 35.4 24.2 36.2

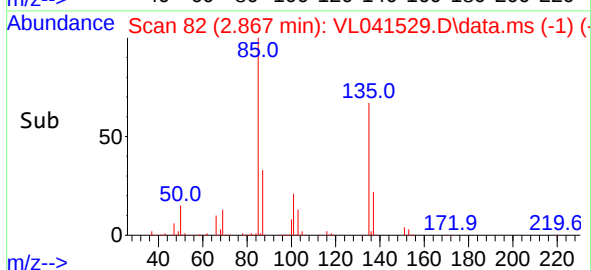
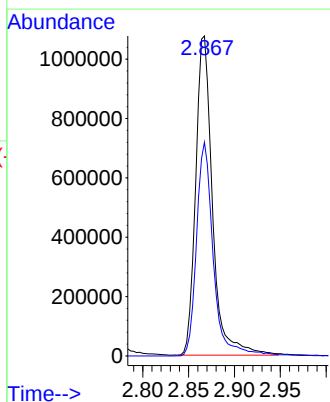
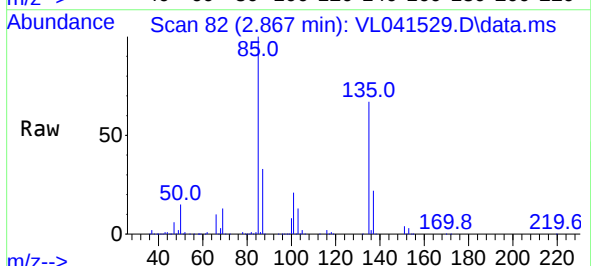
Manual Integrations
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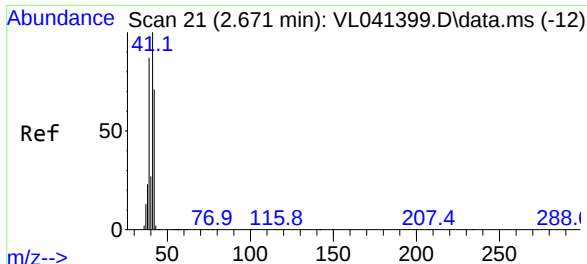
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#8
Dichlorotetrafluoroethane
Concen: 9.121 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.010 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

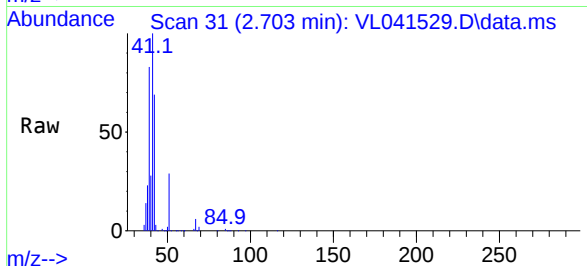
Tgt Ion: 85 Resp: 1373877
Ion Ratio Lower Upper
85 100
135 67.3 55.4 83.0





#9
Propene
Concen: 9.606 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

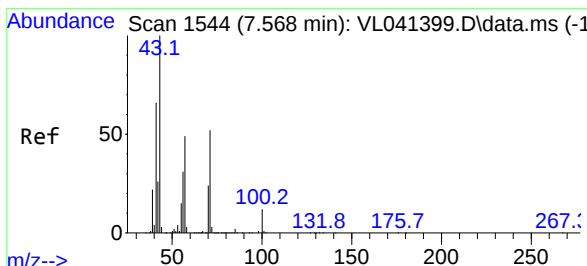
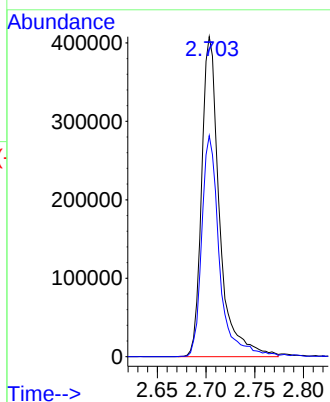
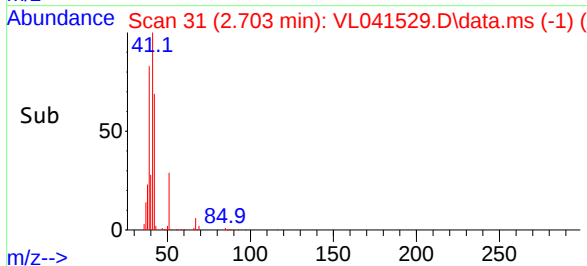
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



Tgt Ion: 41 Resp: 519112
Ion Ratio Lower Upper
41 100
42 69.5 55.9 83.9

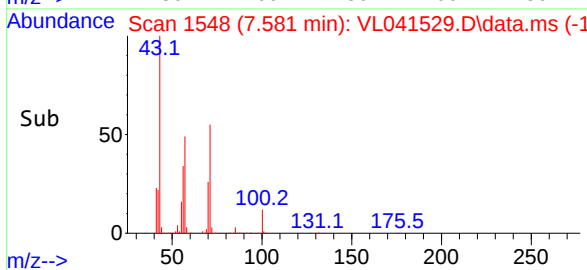
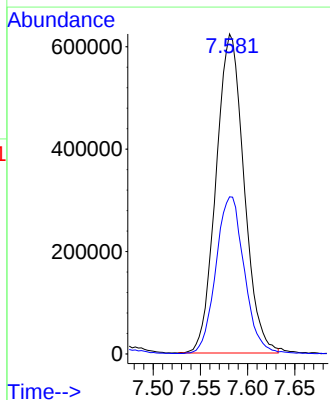
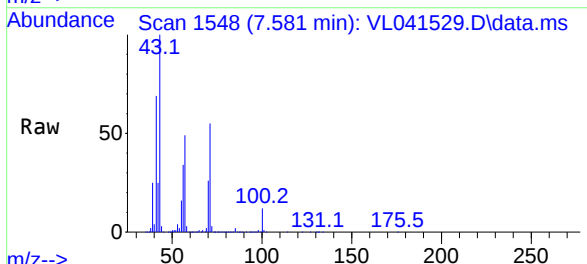
Manual Integrations
APPROVED

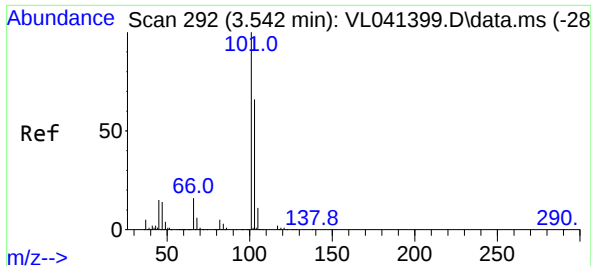
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#10
Heptane
Concen: 10.564 ppbv
RT: 7.581 min Scan# 1548
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

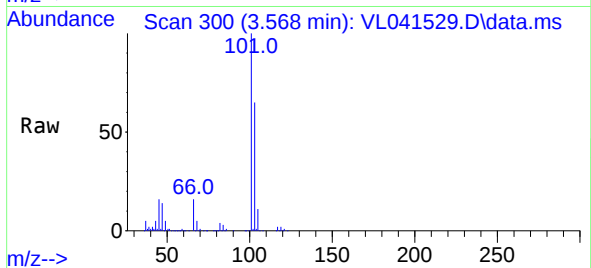
Tgt Ion: 43 Resp: 1282690
Ion Ratio Lower Upper
43 100
57 50.3 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.640 ppbv
RT: 3.568 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

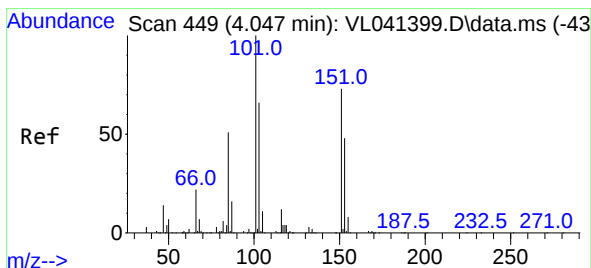
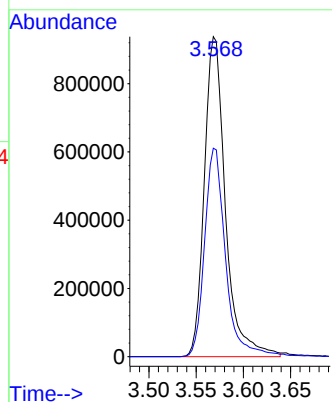
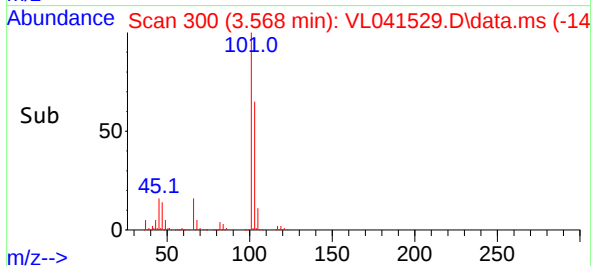
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



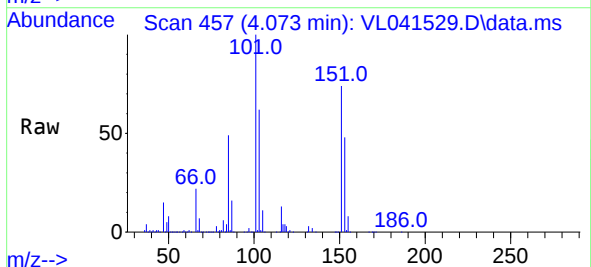
Tgt Ion:101 Resp: 145547
Ion Ratio Lower Upper
101 100
103 65.1 52.6 79.0

Manual Integrations
APPROVED

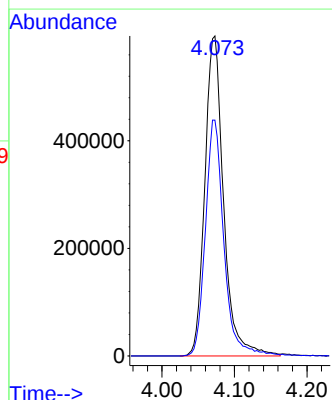
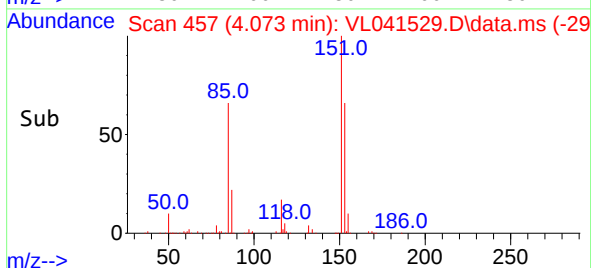
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

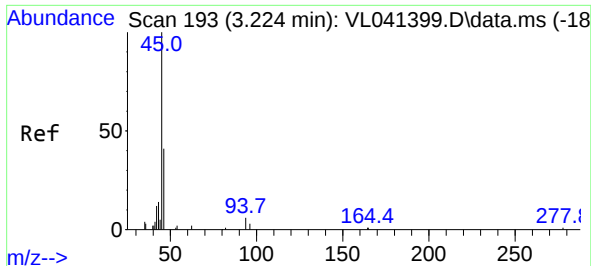


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.832 ppbv
RT: 4.073 min Scan# 457
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05



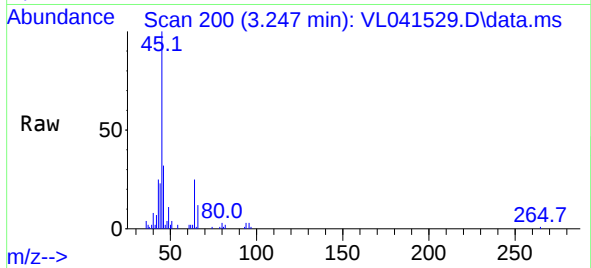
Tgt Ion:101 Resp: 1068922
Ion Ratio Lower Upper
101 100
151 73.1 59.4 89.2





#13
Ethanol
Concen: 7.976 ppbv m
RT: 3.247 min Scan# 200
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

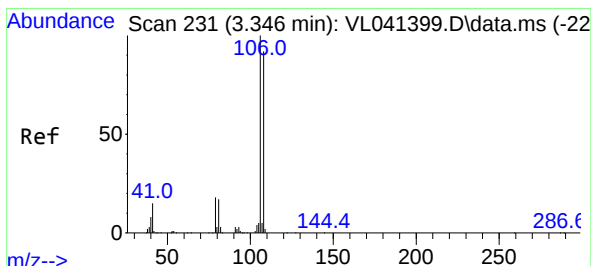
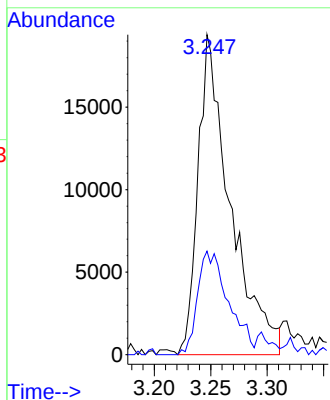
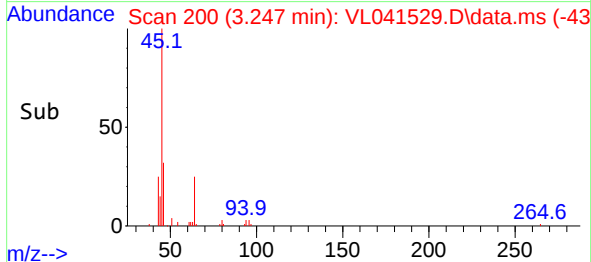
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



Tgt Ion: 45 Resp: 38520
Ion Ratio Lower Upper
45 100
46 35.7 13.4 53.4

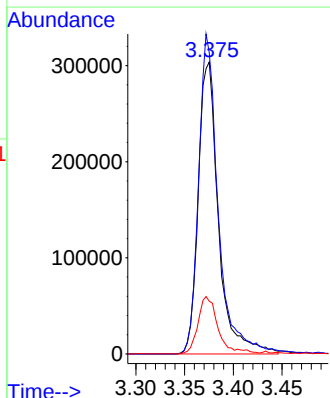
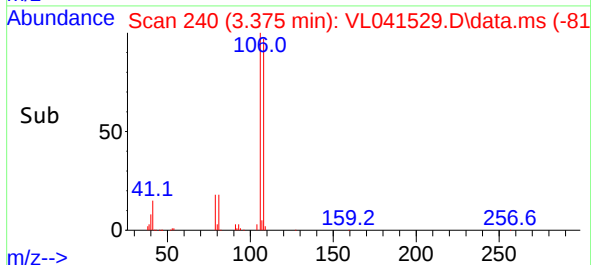
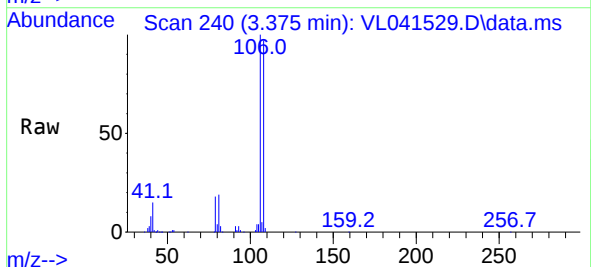
Manual Integrations
APPROVED

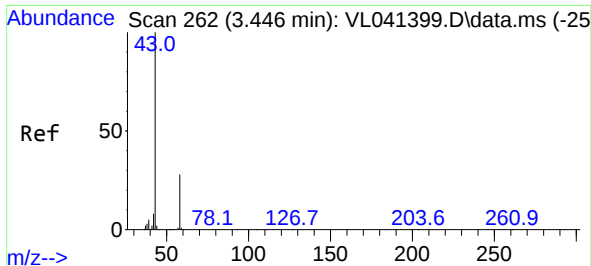
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#14
Bromoethene
Concen: 10.353 ppbv
RT: 3.375 min Scan# 240
Delta R.T. 0.010 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

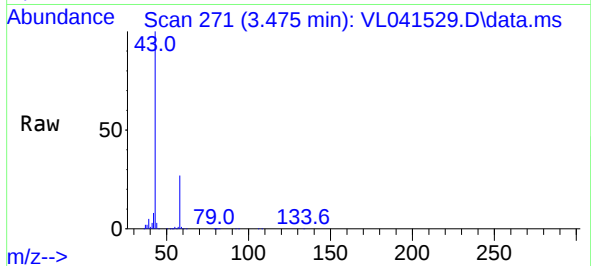
Tgt Ion:108 Resp: 438805
Ion Ratio Lower Upper
108 100
106 107.6 86.9 130.3
79 20.0 16.2 24.4





#15
Acetone
Concen: 9.806 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

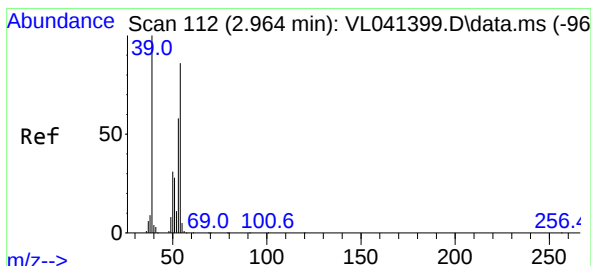
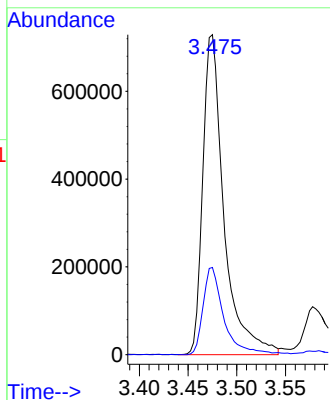
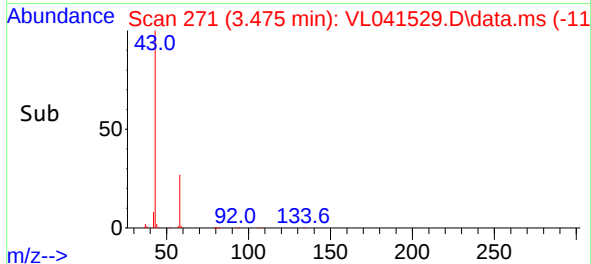
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



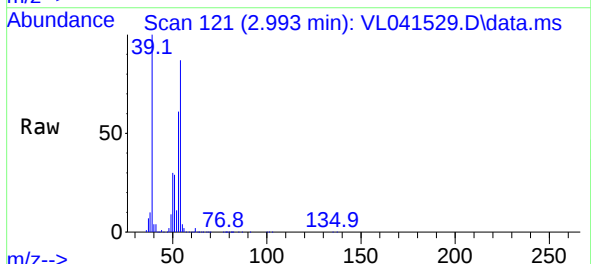
Tgt Ion: 43 Resp: 1101040
Ion Ratio Lower Upper
43 100
58 27.0 21.4 32.2

Manual Integrations
APPROVED

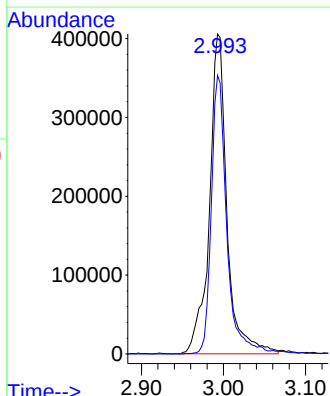
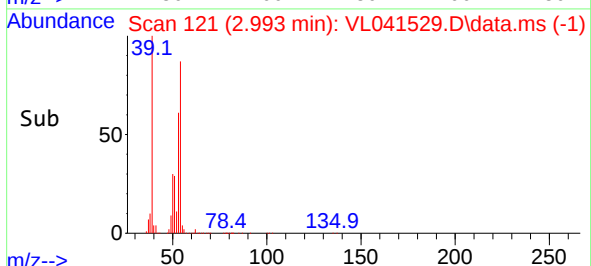
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

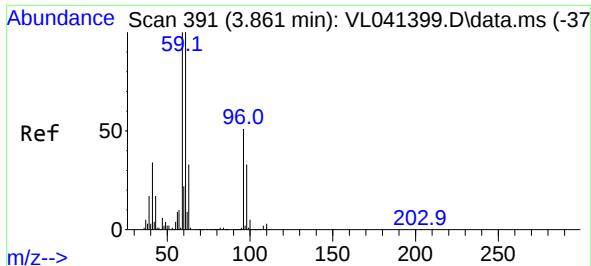


#16
1,3-Butadiene
Concen: 10.088 ppbv
RT: 2.993 min Scan# 121
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05



Tgt Ion: 39 Resp: 605142
Ion Ratio Lower Upper
39 100
54 77.3 62.5 93.7





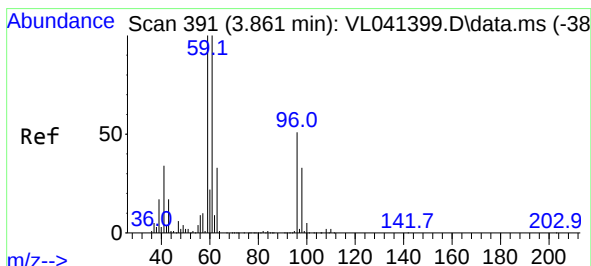
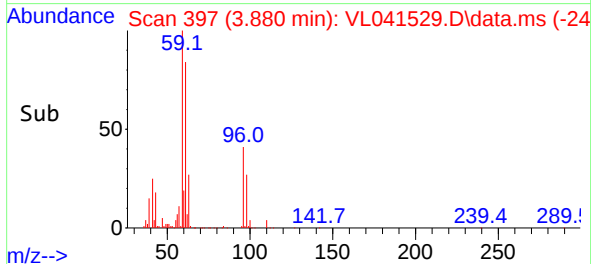
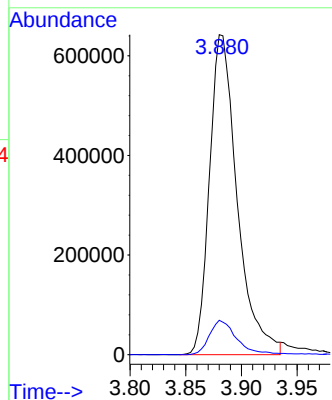
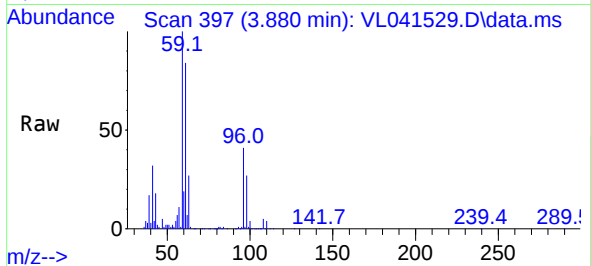
#17
tert-Butyl alcohol
Concen: 10.863 ppbv
RT: 3.880 min Scan# 391
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

Tgt Ion: 59 Resp: 111235
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

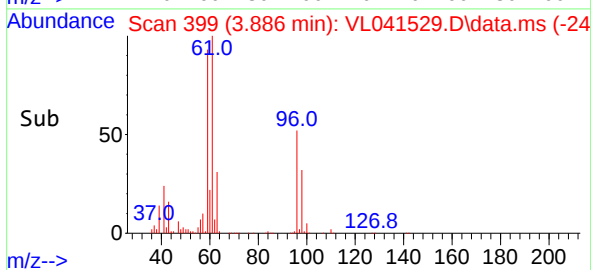
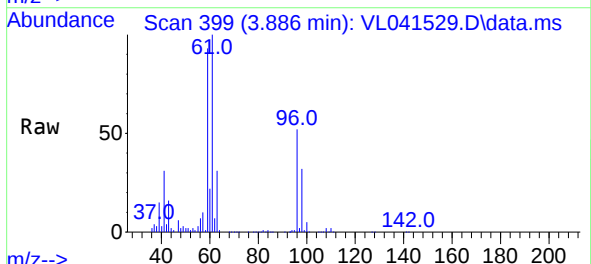
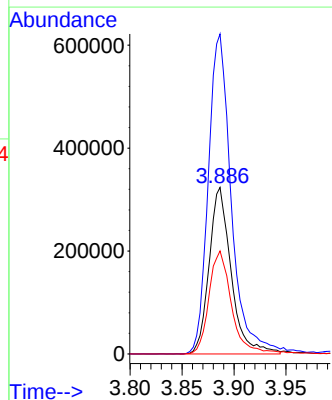
Manual Integrations
APPROVED

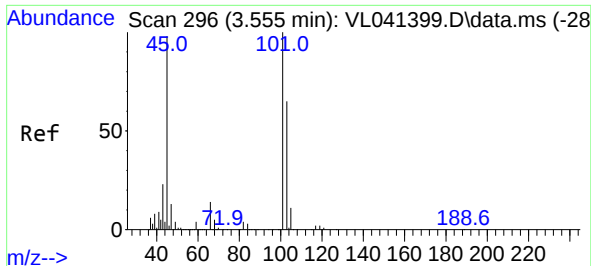
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#18
1,1-Dichloroethene
Concen: 10.277 ppbv
RT: 3.886 min Scan# 399
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

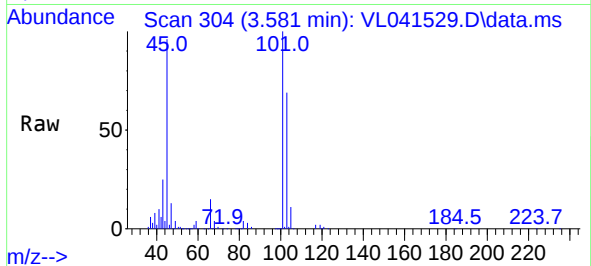
Tgt Ion: 96 Resp: 477938
Ion Ratio Lower Upper
96 100
61 192.1 157.5 236.3
98 61.9 51.2 76.8





#19
Isopropyl Alcohol
Concen: 10.294 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

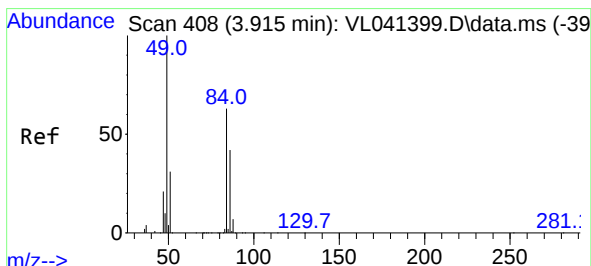
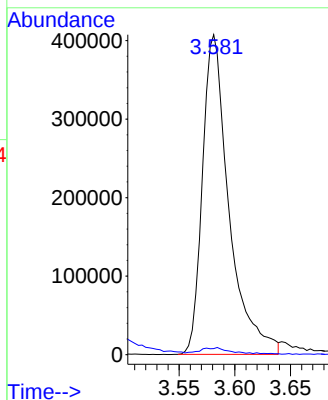
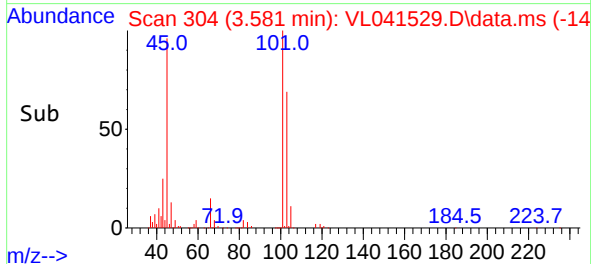
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



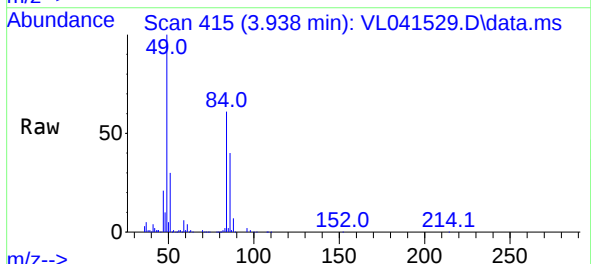
Tgt Ion: 45 Resp: 67568
Ion Ratio Lower Upper
45 100
58 2.6 1.9 2.9

Manual Integrations
APPROVED

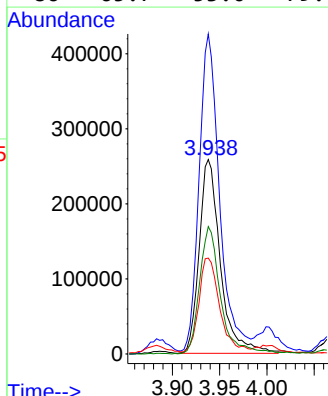
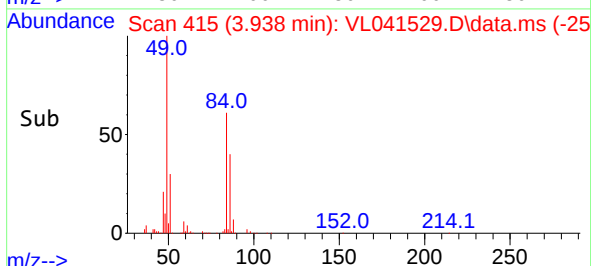
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

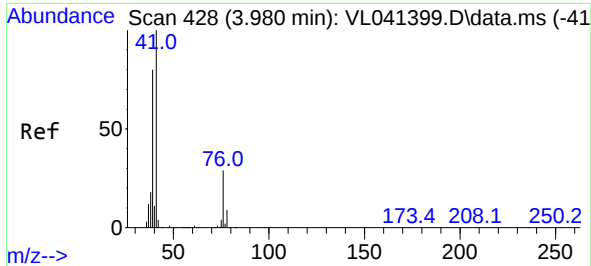


#20
Methylene Chloride
Concen: 9.621 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05



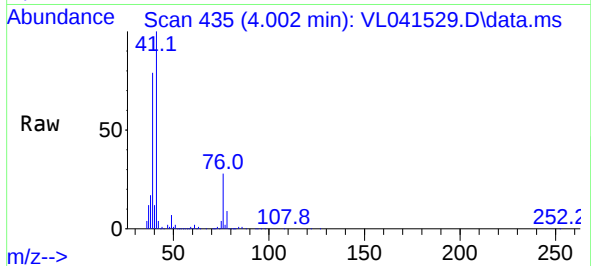
Tgt Ion: 84 Resp: 402818
Ion Ratio Lower Upper
84 100
49 163.6 126.6 190.0
51 48.2 38.6 58.0
86 65.7 53.0 79.4





#21
Allyl Chloride
Concen: 10.244 ppbv
RT: 4.002 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

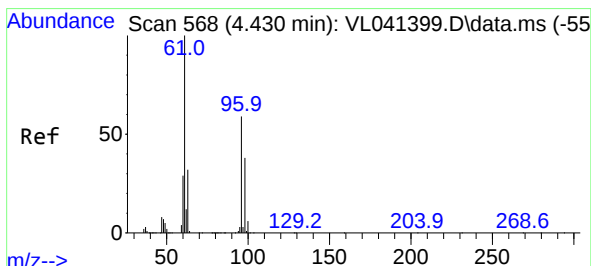
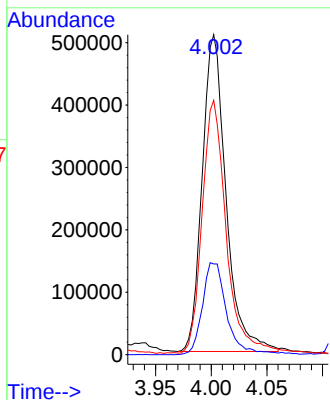
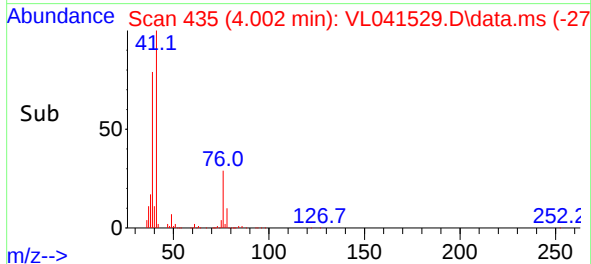
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



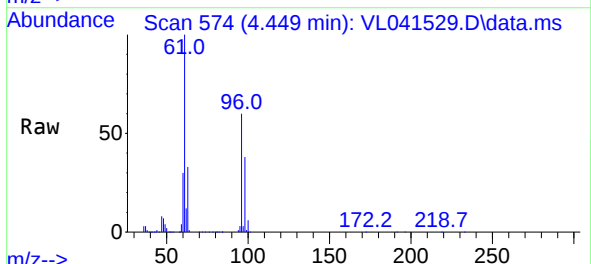
Tgt Ion: 41 Resp: 754318
Ion Ratio Lower Upper
41 100
76 29.7 23.7 35.5
39 81.8 64.3 96.5

Manual Integrations
APPROVED

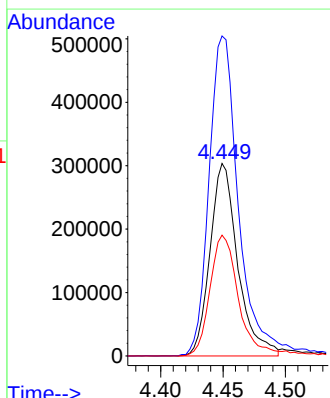
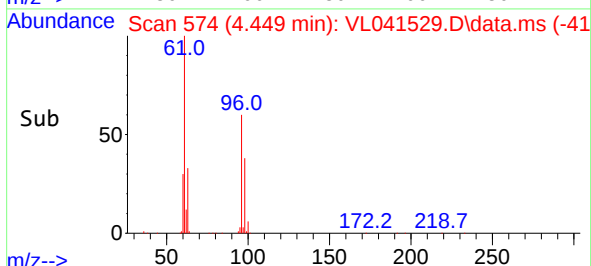
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

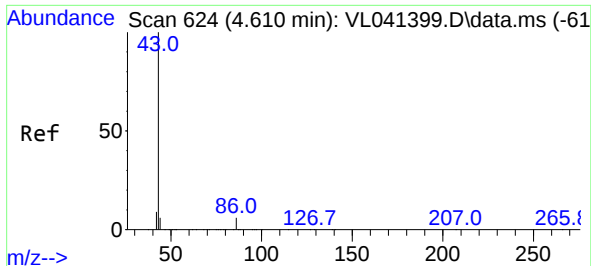


#22
trans-1,2-Dichloroethene
Concen: 10.159 ppbv
RT: 4.449 min Scan# 574
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05



Tgt Ion: 96 Resp: 472384
Ion Ratio Lower Upper
96 100
61 166.1 135.4 203.2
98 62.8 51.0 76.4





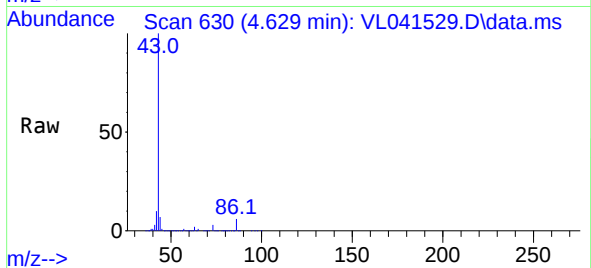
#23
Vinyl Acetate
Concen: 11.369 ppbv
RT: 4.629 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0812ABS01

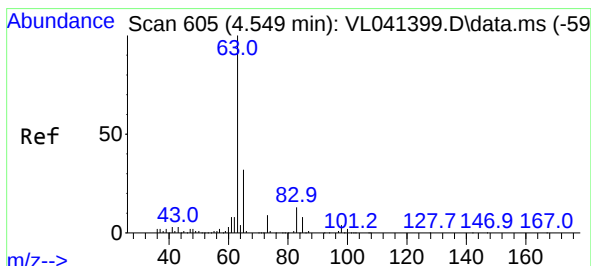
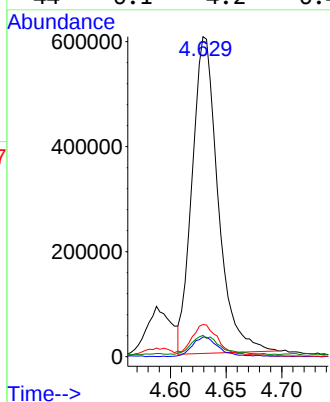
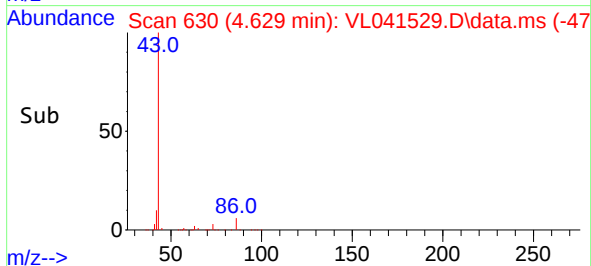


Tgt Ion: 43 Resp: 974925
Ion Ratio Lower Upper
43 100
86 6.2 4.6 6.8
42 9.9 7.9 11.9
44 6.1 4.2 6.4

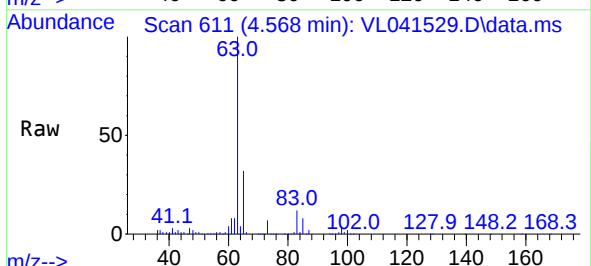
Manual Integrations

APPROVED

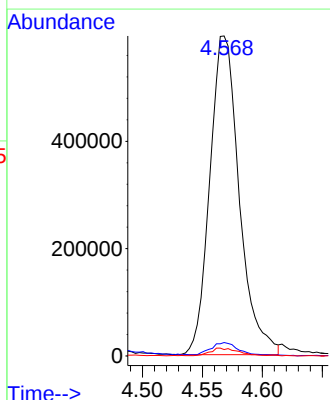
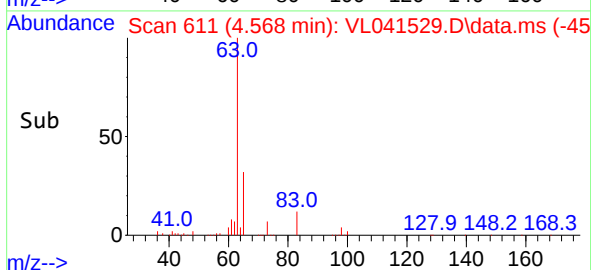
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

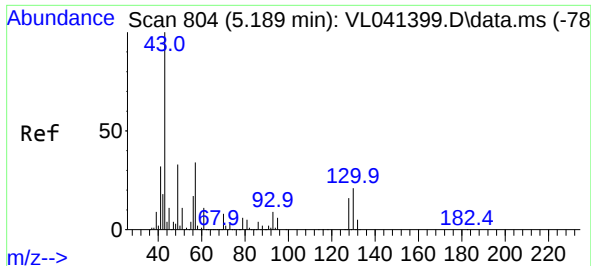


#24
1,1-Dichloroethane
Concen: 10.047 ppbv
RT: 4.568 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05



Tgt Ion: 63 Resp: 1014451
Ion Ratio Lower Upper
63 100
98 3.9 2.0 6.0
100 1.9 1.2 3.6





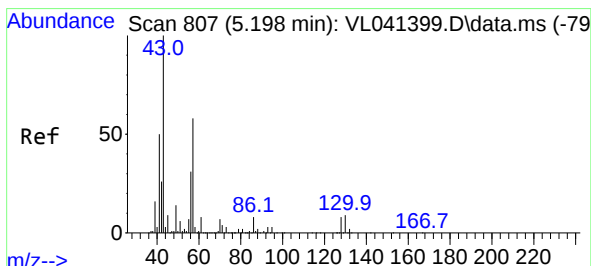
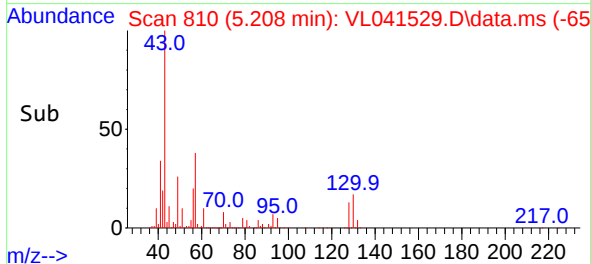
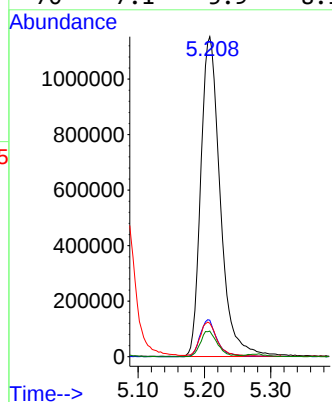
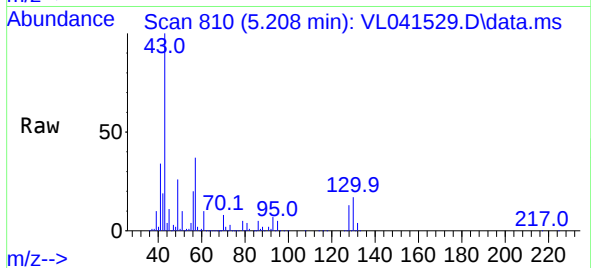
#25
Ethyl Acetate
Concen: 10.499 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

Tgt Ion: 43 Resp: 234186
Ion Ratio Lower Upper
43 100
45 10.4 8.5 12.7
61 9.9 8.0 12.0
70 7.1 5.9 8.9

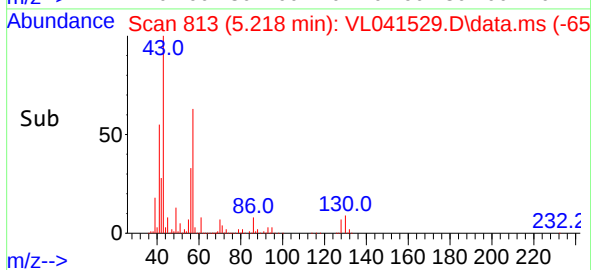
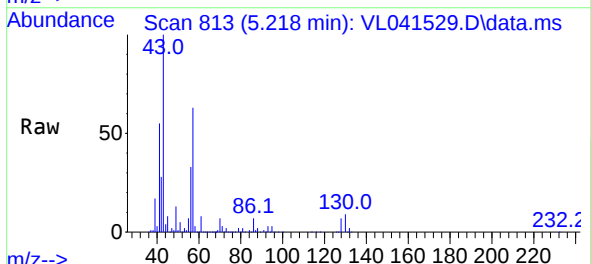
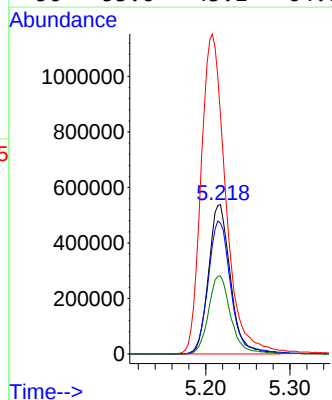
Manual Integrations
APPROVED

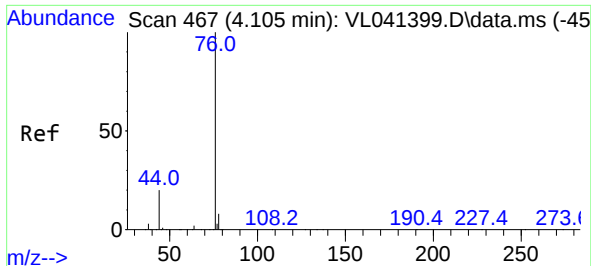
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#26
Hexane
Concen: 10.487 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

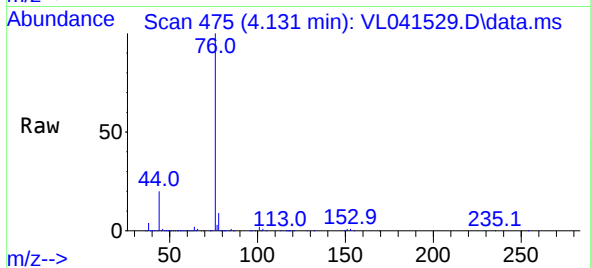
Tgt Ion: 57 Resp: 970422
Ion Ratio Lower Upper
57 100
41 93.4 74.0 111.0
43 242.0 193.6 290.4
56 53.6 43.1 64.7





#27
Carbon Disulfide
Concen: 10.611 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

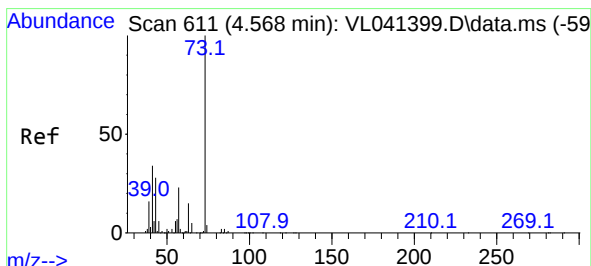
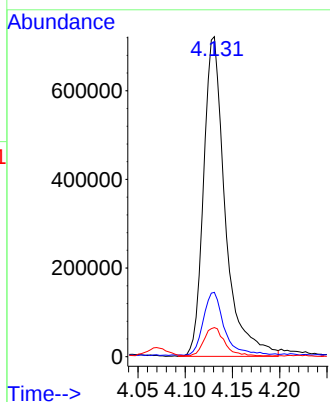
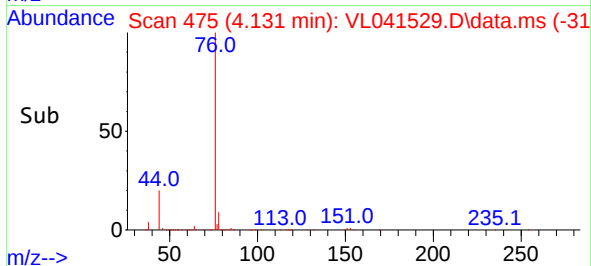
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



Tgt Ion: 76 Resp: 1148640
Ion Ratio Lower Upper
76 100
44 20.0 15.6 23.4
78 9.2 7.7 11.5

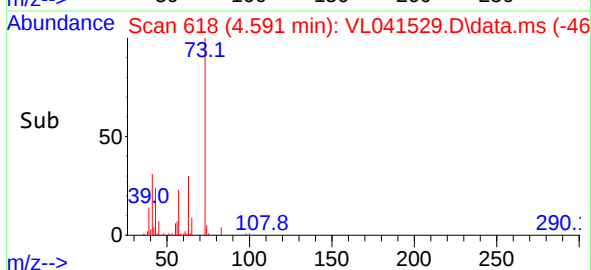
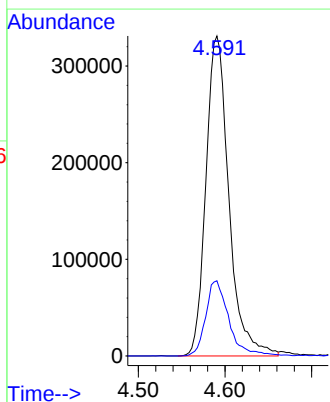
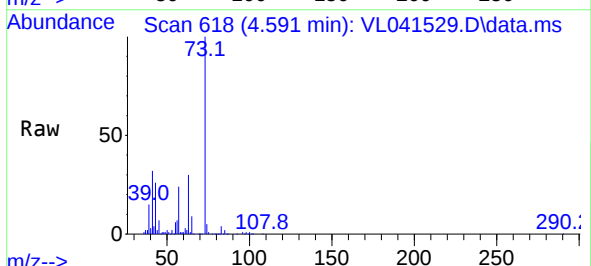
Manual Integrations
APPROVED

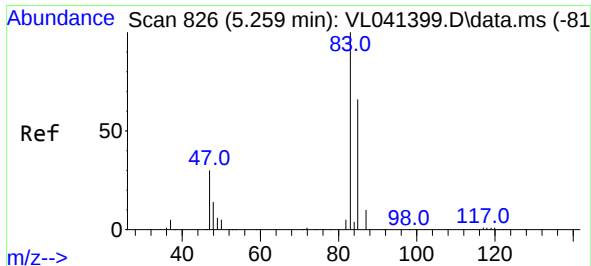
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#28
Methyl tert-Butyl Ether
Concen: 10.451 ppbv
RT: 4.591 min Scan# 618
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

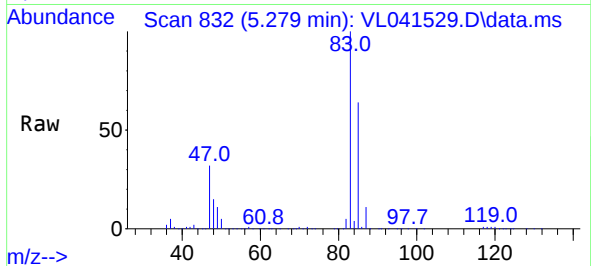
Tgt Ion: 73 Resp: 609853
Ion Ratio Lower Upper
73 100
57 23.9 18.9 28.3





#29
Chloroform
Concen: 10.015 ppbv
RT: 5.279 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

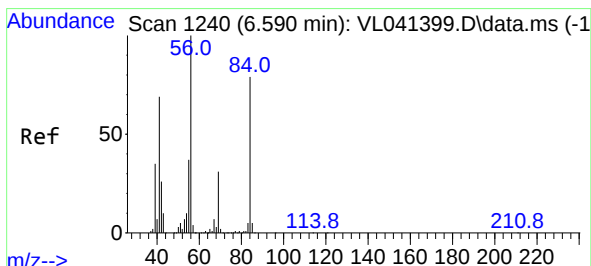
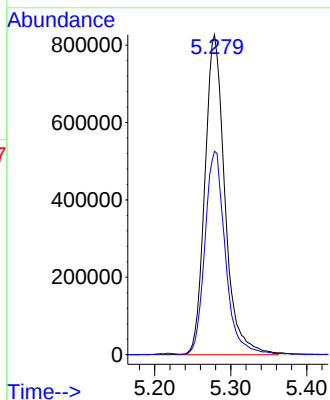
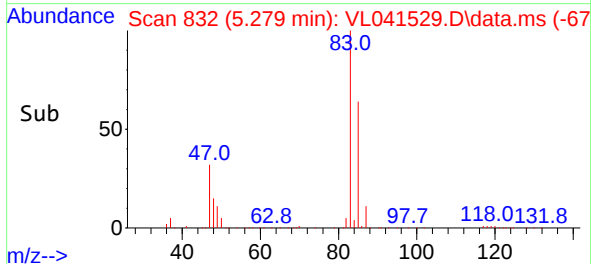
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



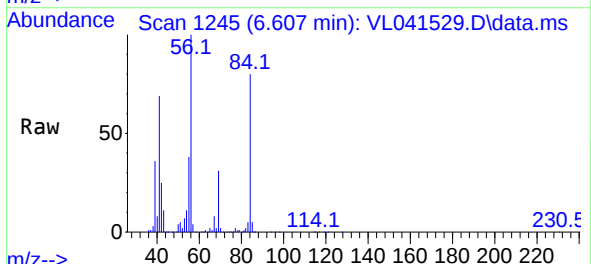
Tgt Ion: 83 Resp: 1511510
Ion Ratio Lower Upper
83 100
85 63.4 53.1 79.7

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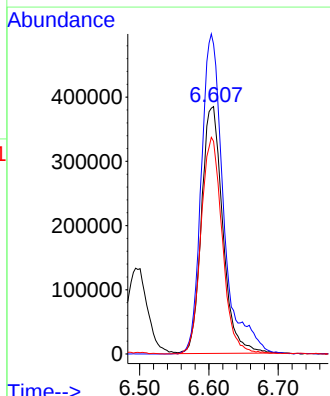
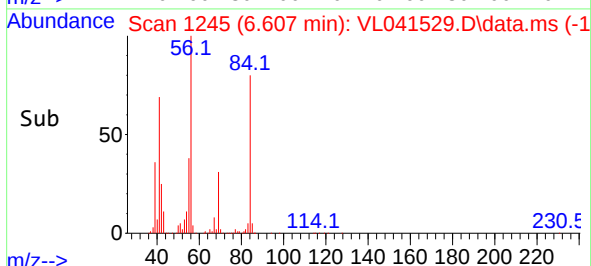
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

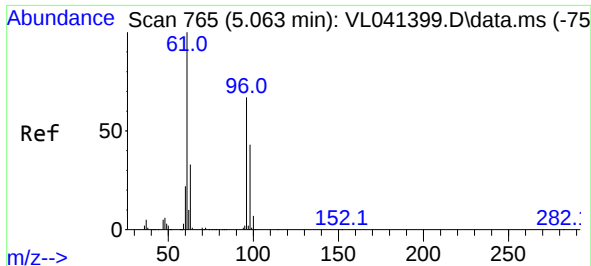


#30
Cyclohexane
Concen: 10.896 ppbv
RT: 6.607 min Scan# 1245
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05



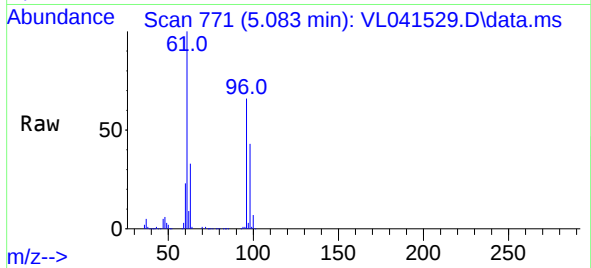
Tgt Ion: 84 Resp: 821031
Ion Ratio Lower Upper
84 100
56 136.1 111.2 166.8
41 87.7 70.3 105.5





#31
cis-1,2-Dichloroethene
Concen: 10.255 ppbv
RT: 5.083 min Scan# 71
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

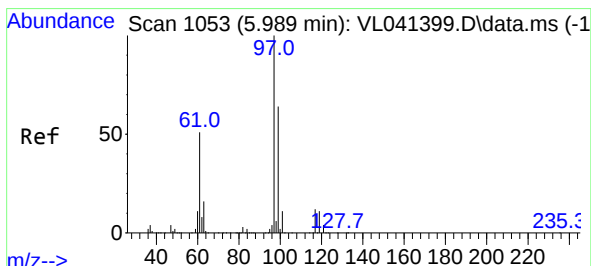
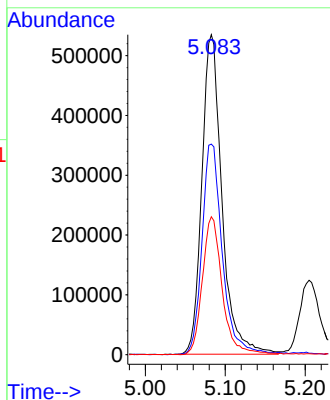
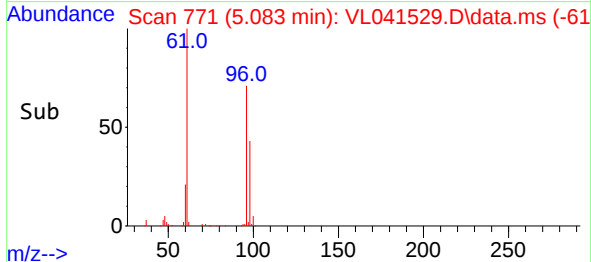
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



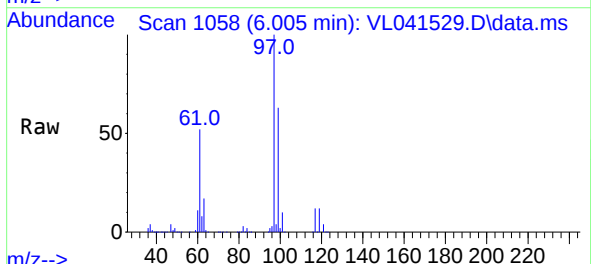
Tgt Ion: 61 Resp: 937370
Ion Ratio Lower Upper
61 100
96 65.8 53.4 80.2
98 43.1 34.4 51.6

Manual Integrations
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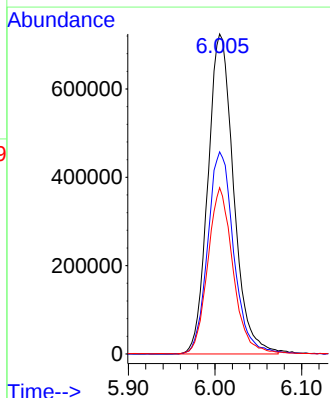
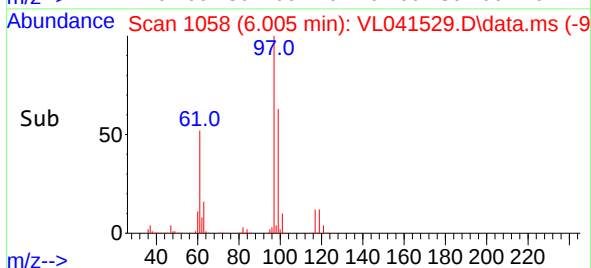
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

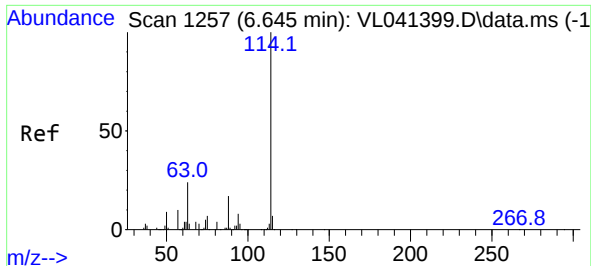


#32
1,1,1-Trichloroethane
Concen: 10.166 ppbv
RT: 6.005 min Scan# 1058
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05



Tgt Ion: 97 Resp: 1493561
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 51.4 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0812ABS01

Tgt Ion:114 Resp: 266015

Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

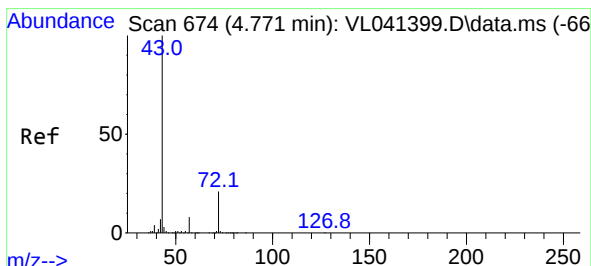
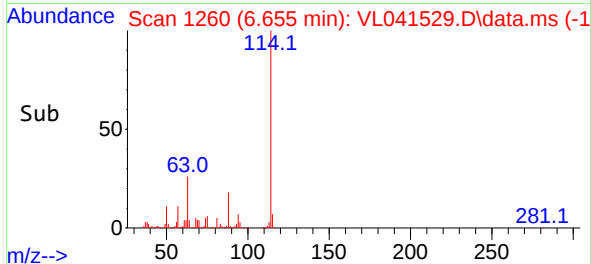
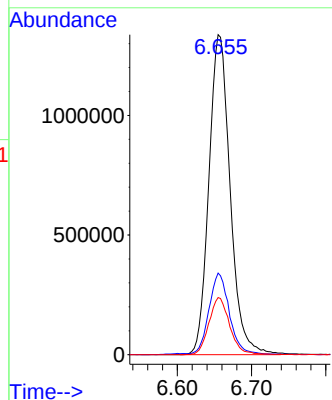
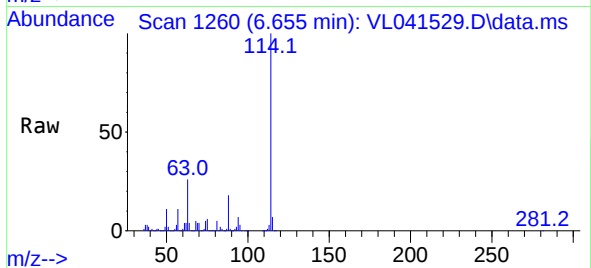
88 17.5 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/13/2024

Supervised By :Mahesh Dadoda 08/13/2024



#34

2-Butanone

Concen: 10.746 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.007 min

Lab File: VL041529.D

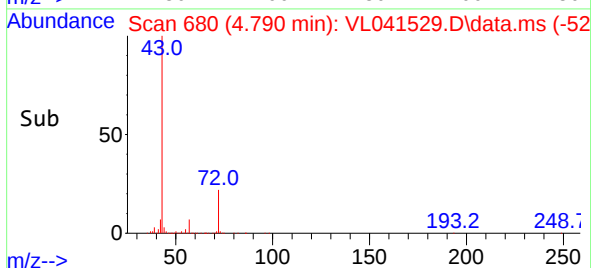
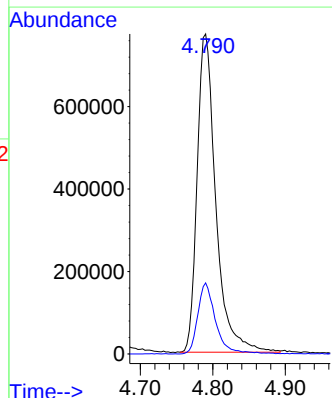
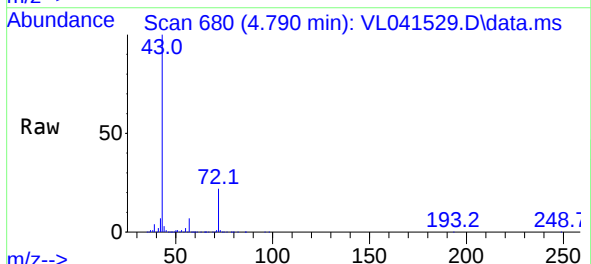
Acq: 12 Aug 2024 10:05

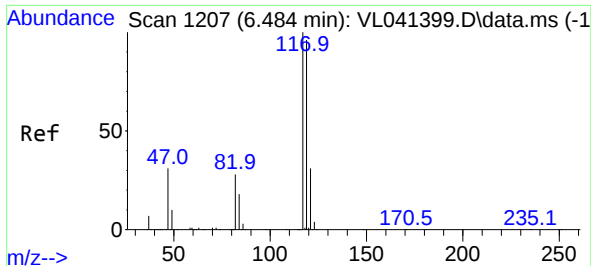
Tgt Ion: 43 Resp: 1382863

Ion Ratio Lower Upper

43 100

72 21.4 17.3 25.9





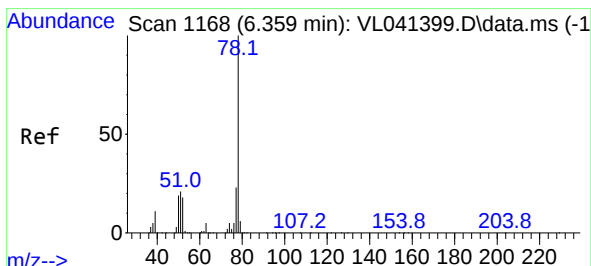
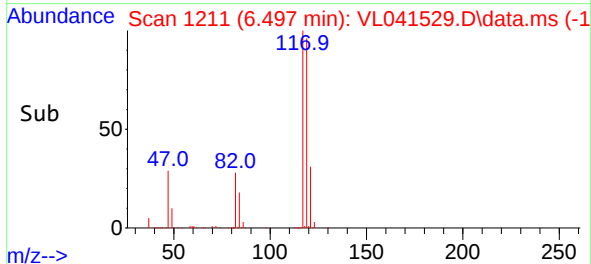
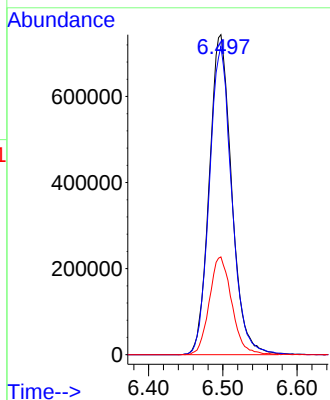
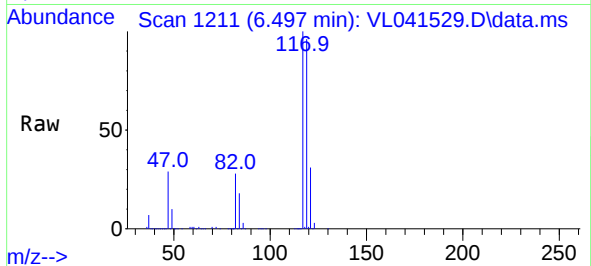
#35
Carbon Tetrachloride
Concen: 10.614 ppbv
RT: 6.497 min Scan# 1172
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

Tgt Ion:117 Resp: 1557349
Ion Ratio Lower Upper
117 100
119 96.4 76.6 115.0
121 30.5 25.1 37.7

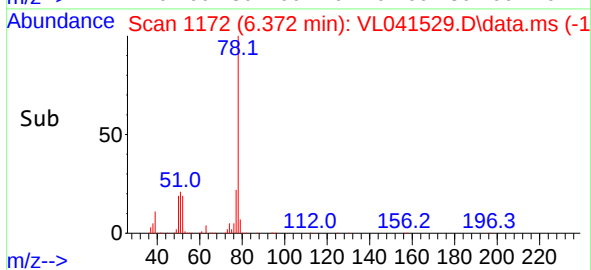
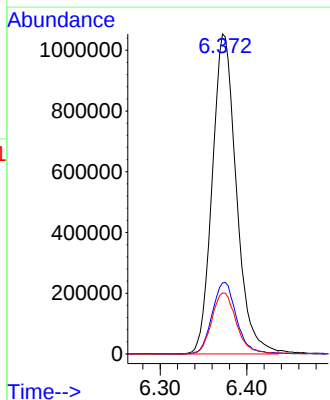
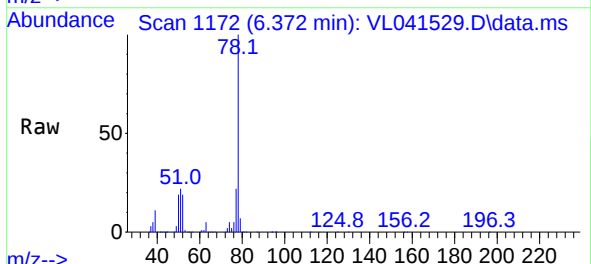
Manual Integrations
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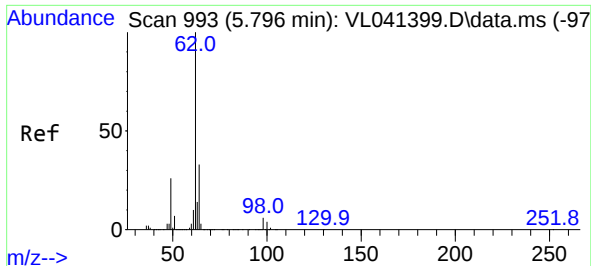
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#36
Benzene
Concen: 10.476 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 78 Resp: 2036238
Ion Ratio Lower Upper
78 100
77 22.2 18.1 27.1
50 19.1 15.5 23.3





#37

1,2-Dichloroethane

Concen: 10.525 ppbv

RT: 5.809 min Scan# 993

Delta R.T. 0.003 min

Lab File: VL041529.D

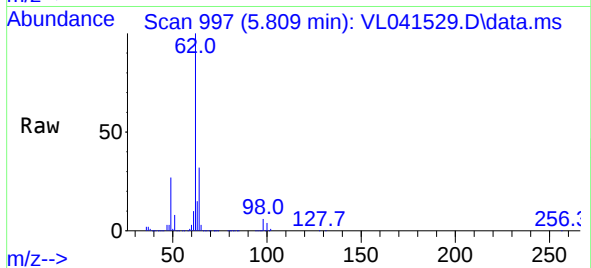
Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0812ABS01



Tgt Ion: 62 Resp: 114503

Ion Ratio Lower Upper

62 100

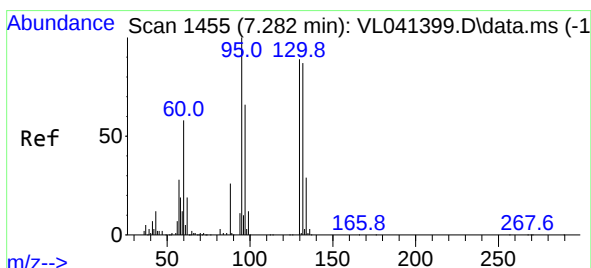
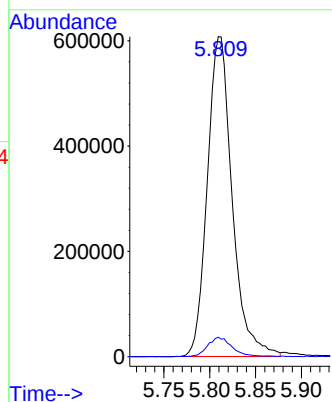
98 6.1 5.0 7.4

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Reviewed By :Semsettin Yesilyurt 08/13/2024

Supervised By :Mahesh Dadoda 08/13/2024



#38

Trichloroethene

Concen: 10.458 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Tgt Ion:130 Resp: 931264

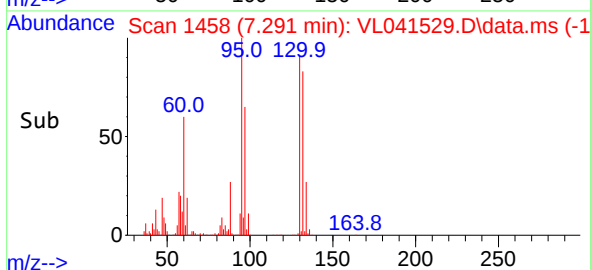
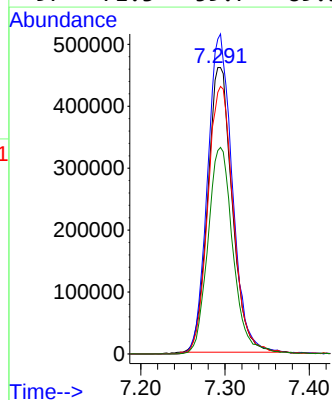
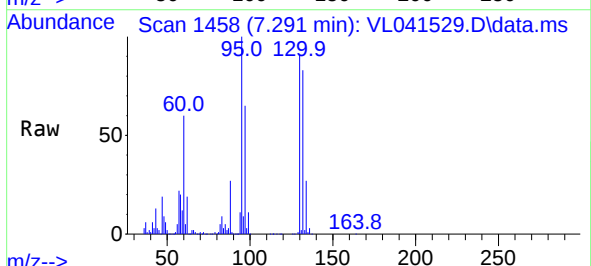
Ion Ratio Lower Upper

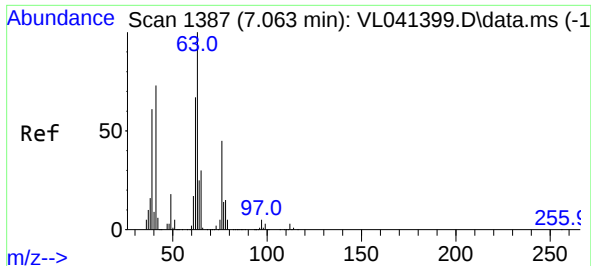
130 100

95 110.4 90.2 135.2

132 91.8 78.1 117.1

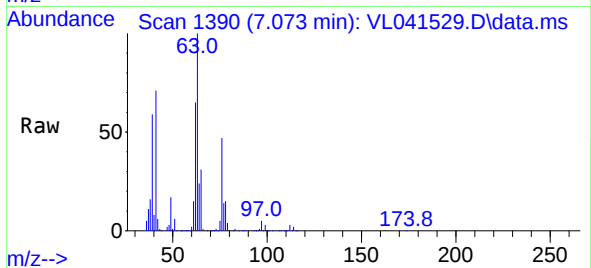
97 71.3 59.7 89.5





#39
1,2-Dichloropropane
Concen: 10.695 ppbv
RT: 7.073 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

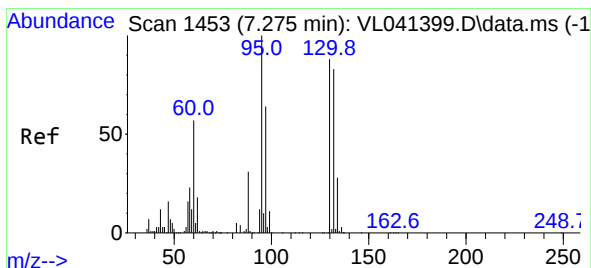
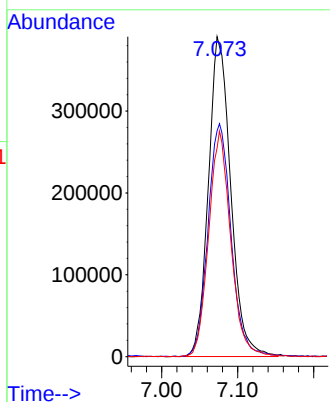
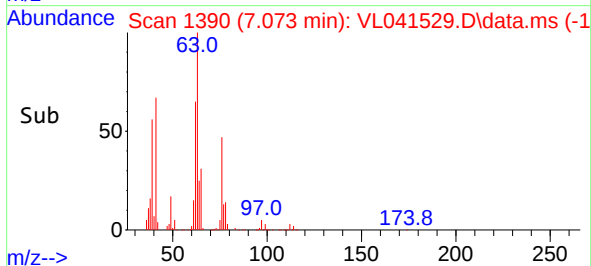
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



Tgt Ion: 63 Resp: 795850
Ion Ratio Lower Upper
63 100
41 70.5 58.3 87.5
62 65.2 53.9 80.9

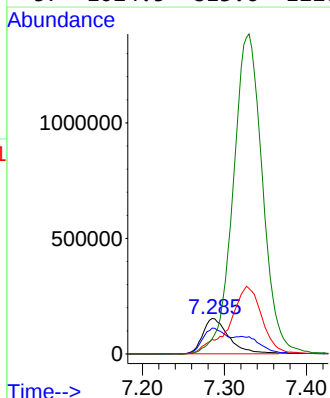
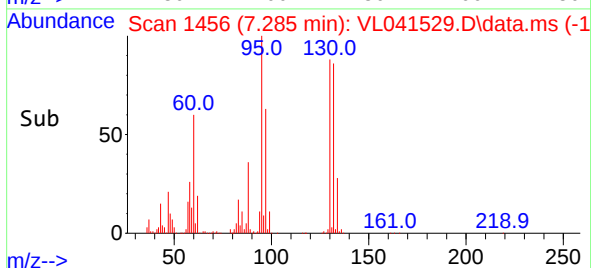
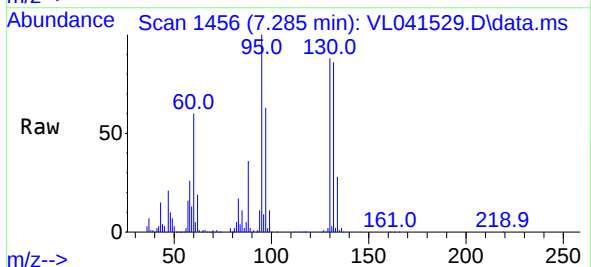
Manual Integrations
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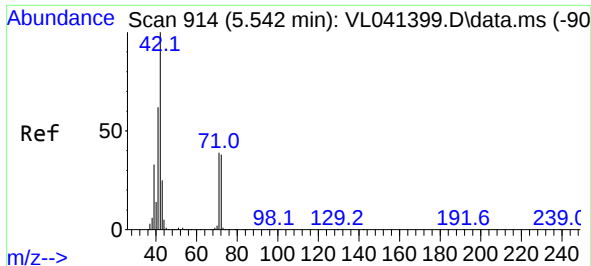
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#40
1,4-Dioxane
Concen: 11.271 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

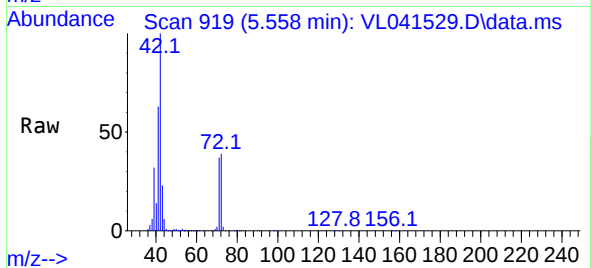
Tgt Ion: 88 Resp: 336934
Ion Ratio Lower Upper
88 100
58 120.0 95.8 143.6
43 238.3 188.2 282.2
57 1024.5 813.6 1220.4





#41
Tetrahydrofuran
Concen: 11.153 ppbv
RT: 5.558 min Scan# 914
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

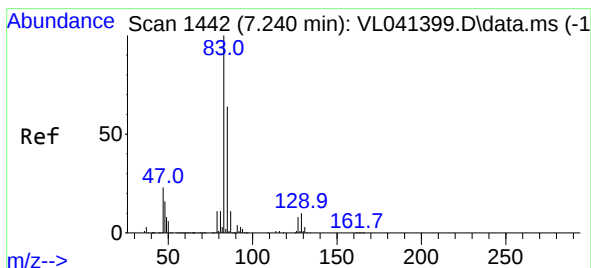
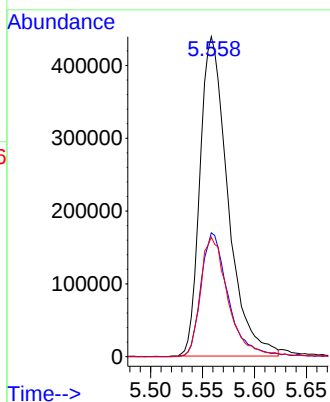
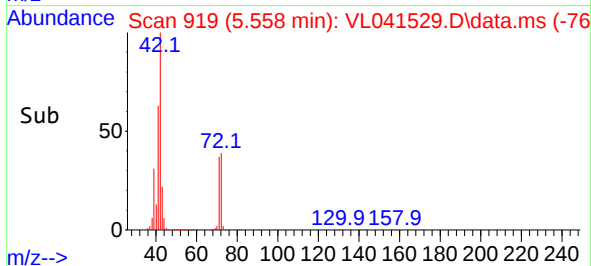
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



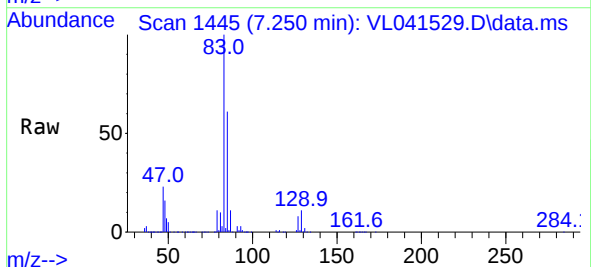
Tgt Ion: 42 Resp: 82082
Ion Ratio Lower Upper
42 100
72 38.6 31.2 46.8
71 37.4 30.5 45.7

Manual Integrations
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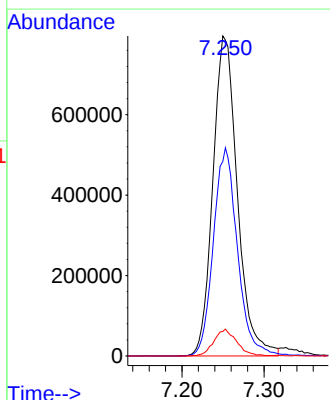
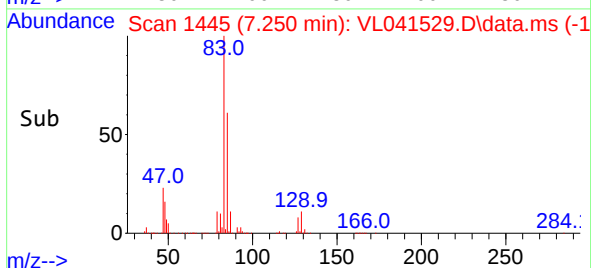
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

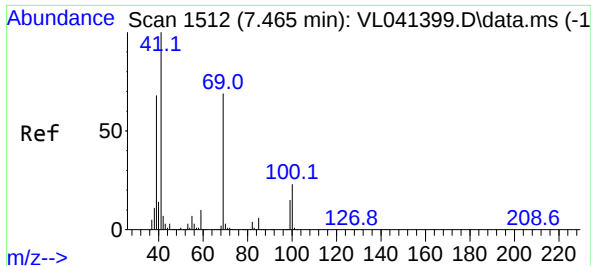


#42
Bromodichloromethane
Concen: 10.546 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05



Tgt Ion: 83 Resp: 1656690
Ion Ratio Lower Upper
83 100
85 60.8 51.4 77.0
127 7.7 6.7 10.1





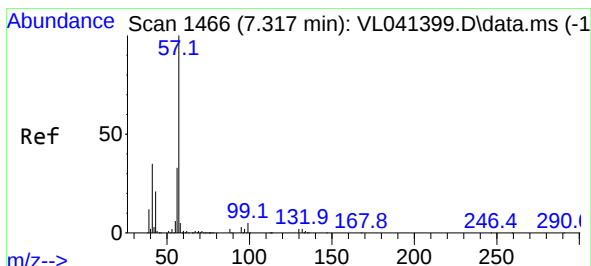
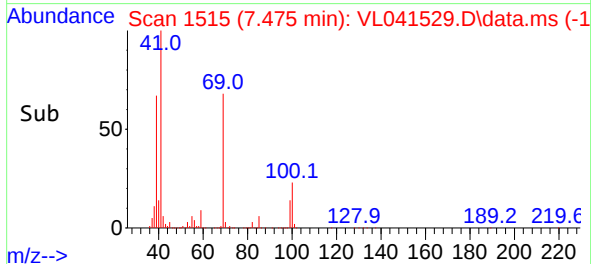
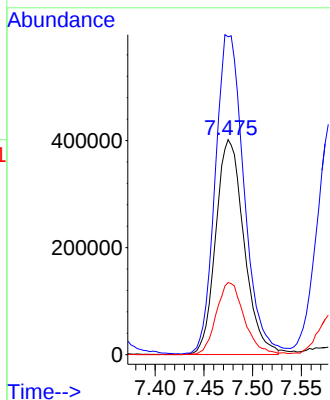
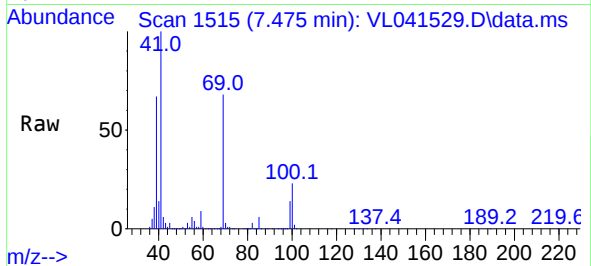
#43
Methyl Methacrylate
Concen: 11.606 ppbv
RT: 7.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

Tgt Ion: 69 Resp: 80897
Ion Ratio Lower Upper
69 100
41 152.2 118.7 178.1
100 33.4 27.0 40.4

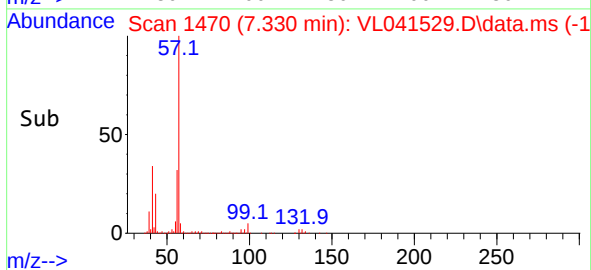
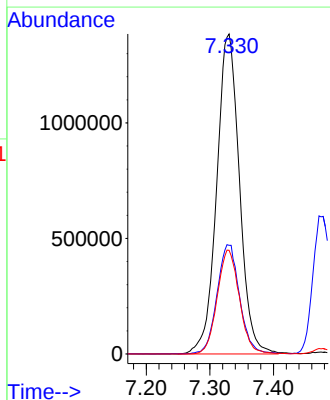
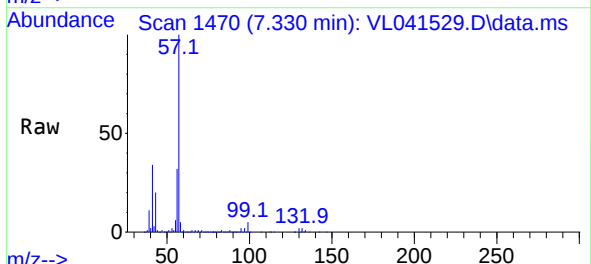
Manual Integrations
APPROVED

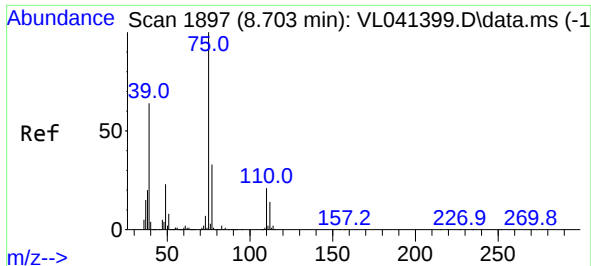
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#44
2,2,4-Trimethylpentane
Concen: 10.610 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 57 Resp: 3444514
Ion Ratio Lower Upper
57 100
41 33.9 27.0 40.6
56 31.6 25.2 37.8





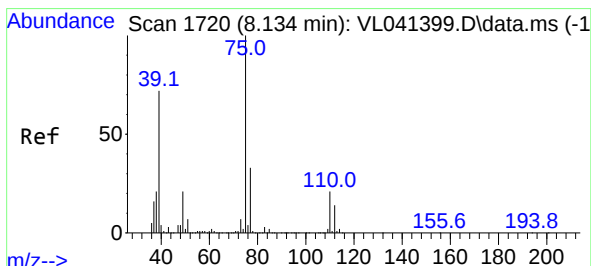
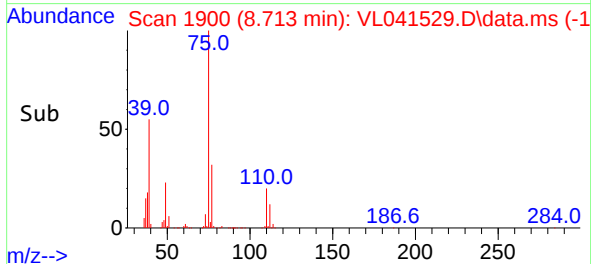
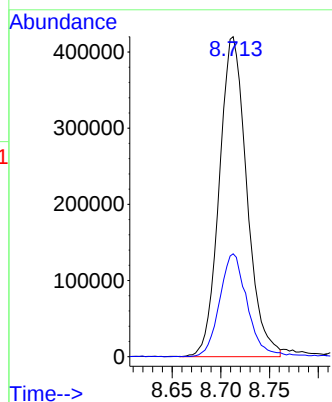
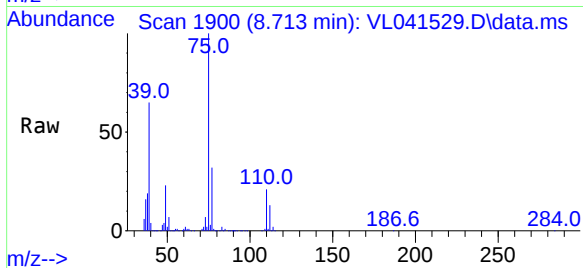
#45
t-1,3-Dichloropropene
Concen: 12.861 ppbv
RT: 8.713 min Scan# 1897
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

Tgt Ion: 75 Resp: 82514
Ion Ratio Lower Upper
75 100
77 32.2 26.5 39.7

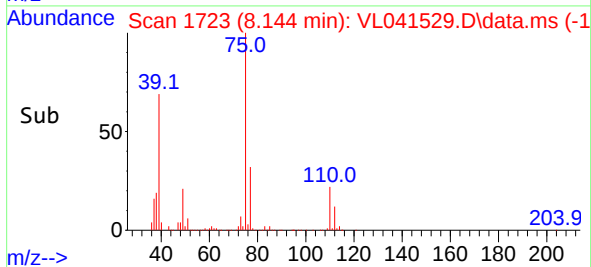
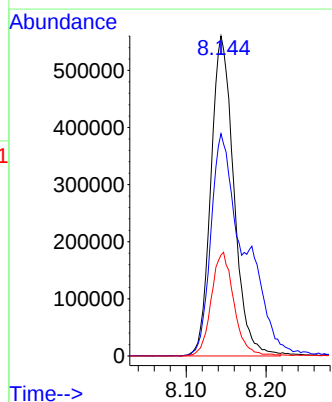
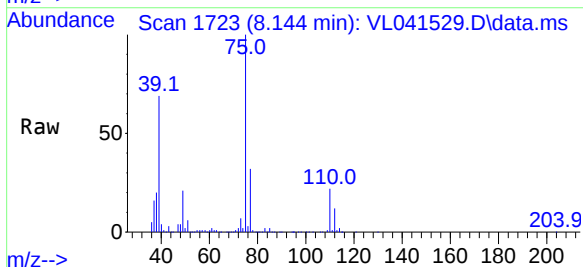
Manual Integrations
APPROVED

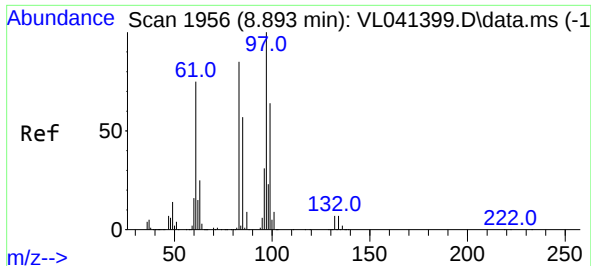
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#46
cis-1,3-Dichloropropene
Concen: 12.031 ppbv
RT: 8.144 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 75 Resp: 1114571
Ion Ratio Lower Upper
75 100
39 69.4 57.3 85.9
77 31.6 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 10.521 ppbv

RT: 8.899 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0812ABS01

Tgt Ion: 97 Resp: 863062

Ion Ratio Lower Upper

97 100

83 86.9 67.6 101.4

85 56.6 45.9 68.9

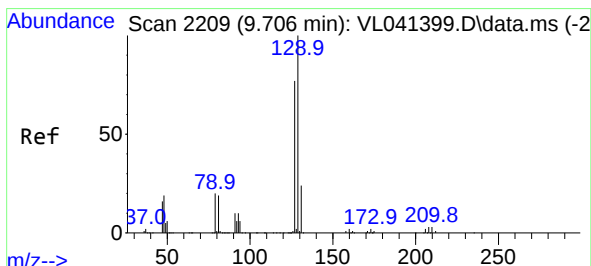
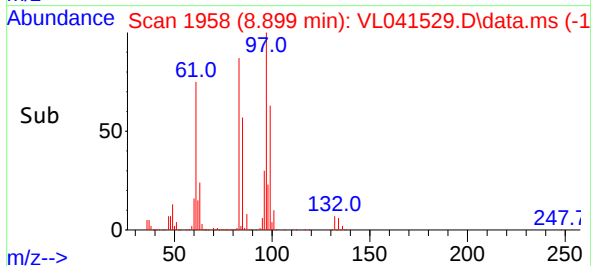
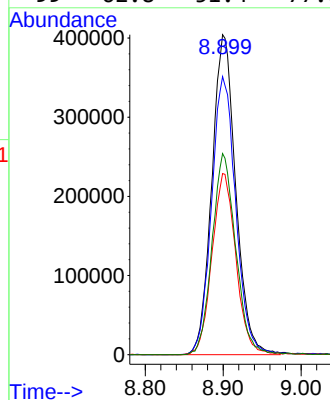
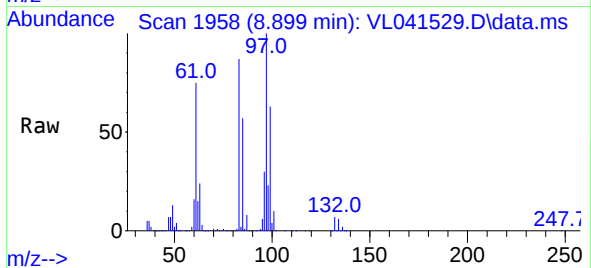
99 62.8 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024

Supervised By :Mahesh Dadoda 08/13/2024



#48

Dibromochloromethane

Concen: 10.844 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VL041529.D

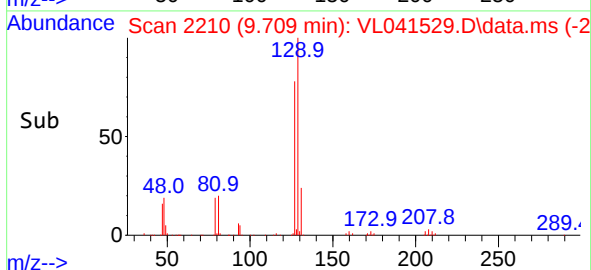
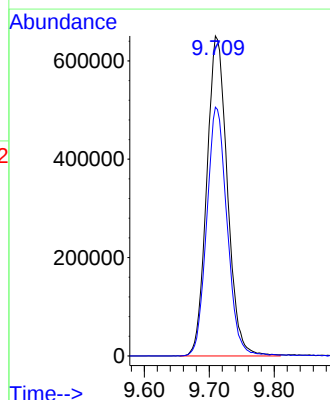
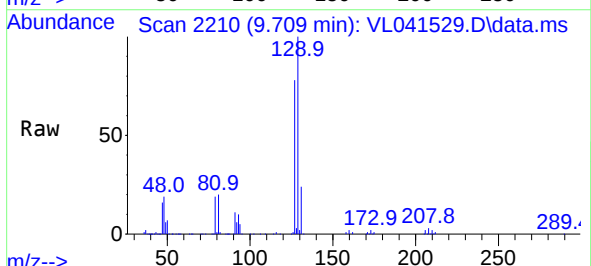
Acq: 12 Aug 2024 10:05

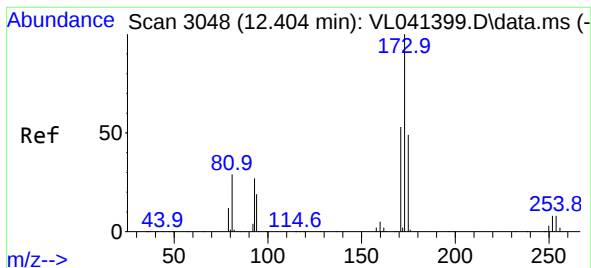
Tgt Ion:129 Resp: 1432991

Ion Ratio Lower Upper

129 100

127 77.4 39.3 117.8





#49

Bromoform

Concen: 11.239 ppbv

RT: 12.407 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0812ABS01

Tgt Ion:173 Resp: 125455

Ion Ratio Lower Upper

173 100

175 49.2 39.9 59.9

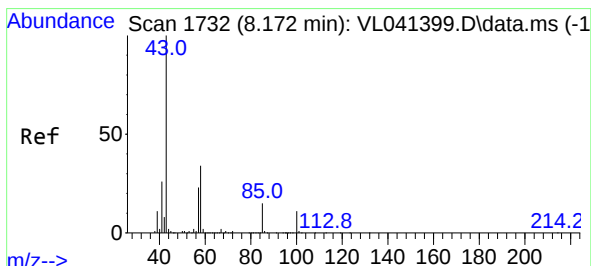
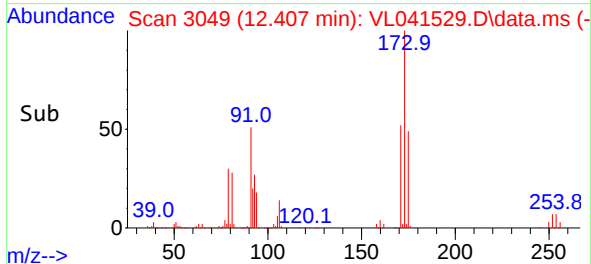
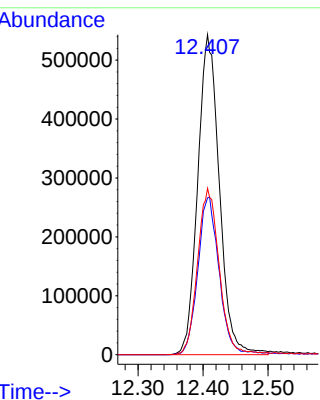
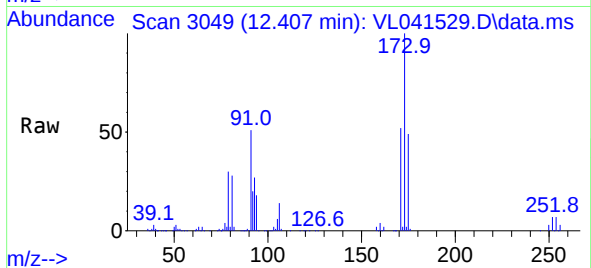
171 52.6 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024

Supervised By :Mahesh Dadoda 08/13/2024



#50

4-Methyl-2-Pentanone

Concen: 11.346 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. 0.003 min

Lab File: VL041529.D

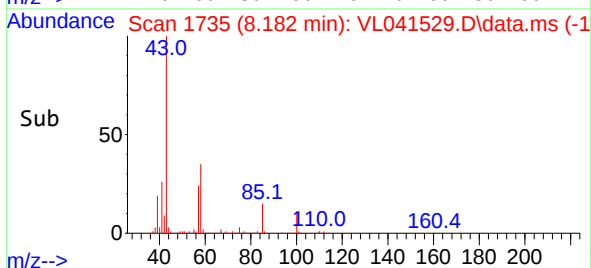
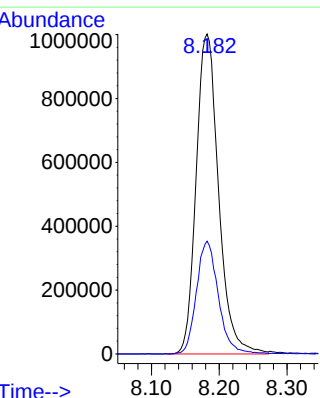
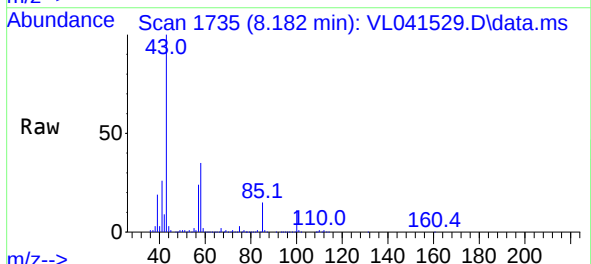
Acq: 12 Aug 2024 10:05

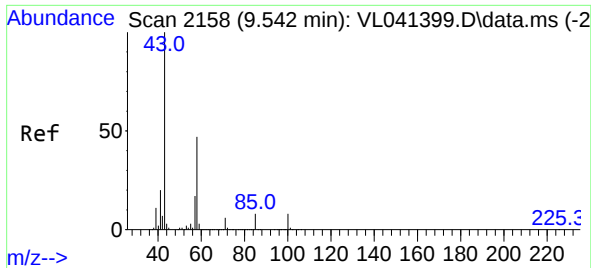
Tgt Ion: 43 Resp: 2303506

Ion Ratio Lower Upper

43 100

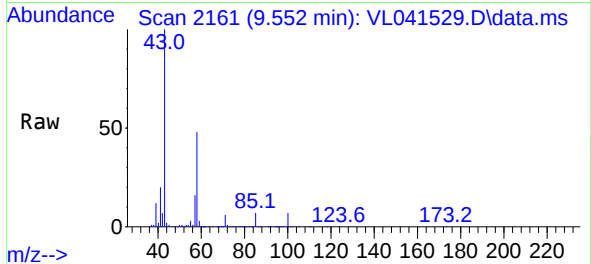
58 34.6 27.9 41.9





#51
2-Hexanone
Concen: 12.166 ppbv
RT: 9.552 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

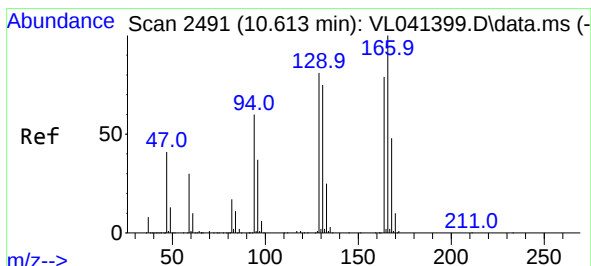
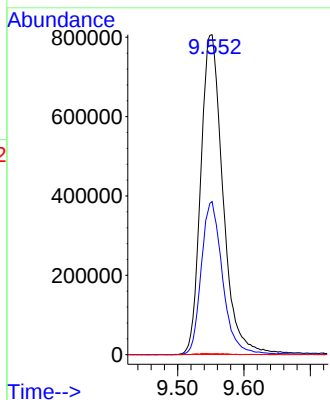
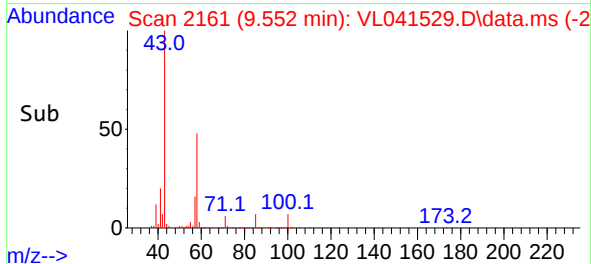
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



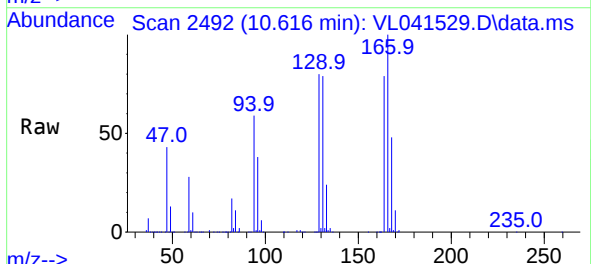
Tgt Ion: 43 Resp: 1867694
Ion Ratio Lower Upper
43 100
58 46.4 38.2 57.2
98 0.5 0.3 0.5

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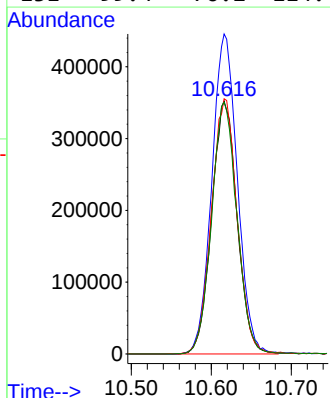
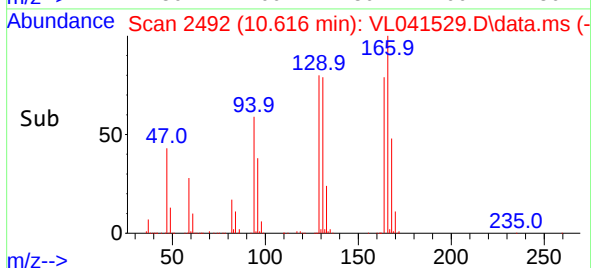
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

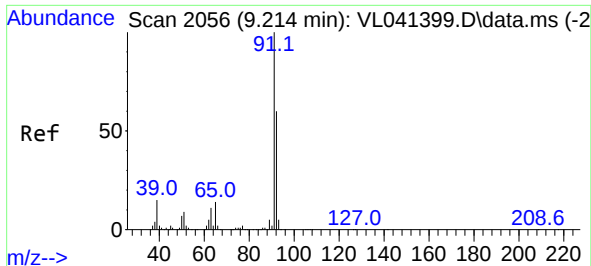


#52
Tetrachloroethene
Concen: 10.353 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05



Tgt Ion:164 Resp: 777552
Ion Ratio Lower Upper
164 100
166 126.5 101.1 151.7
129 101.0 81.7 122.5
131 99.4 76.2 114.4





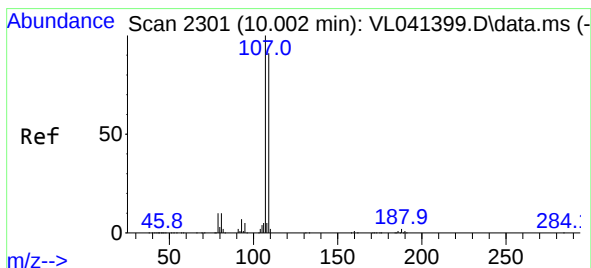
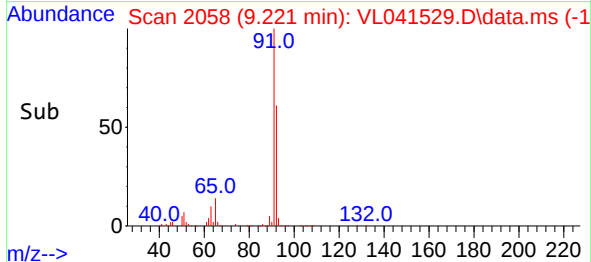
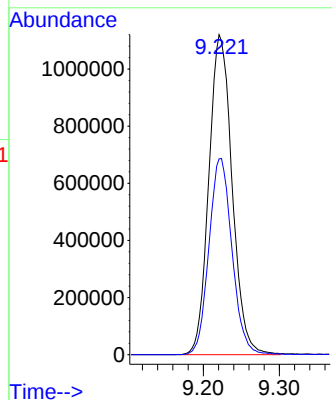
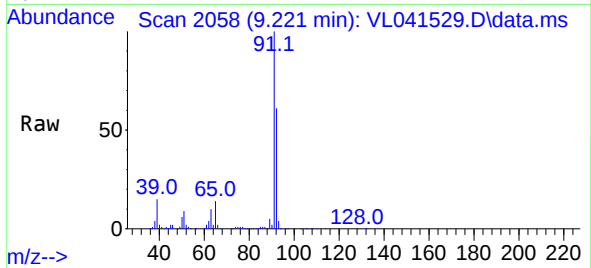
#53
Toluene
Concen: 10.993 ppbv
RT: 9.221 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

Tgt Ion: 91 Resp: 238020
Ion Ratio Lower Upper
91 100
92 60.9 48.7 73.1

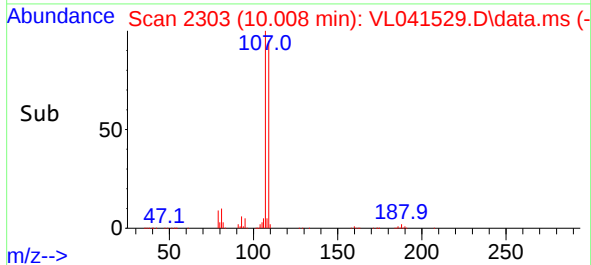
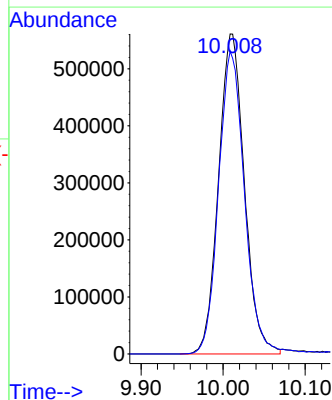
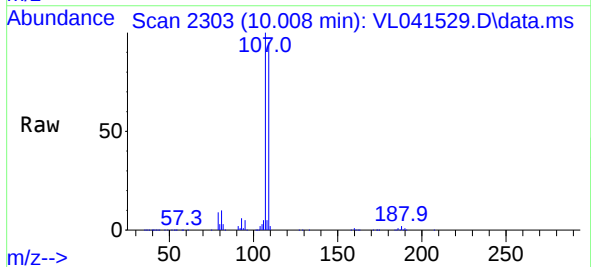
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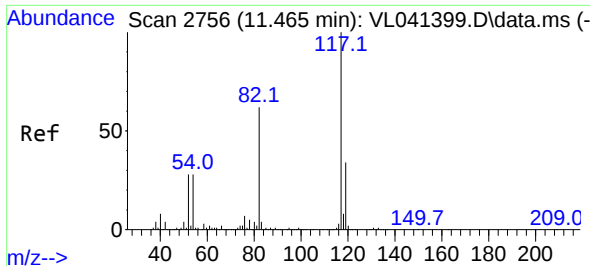
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#54
1,2-Dibromoethane
Concen: 11.255 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

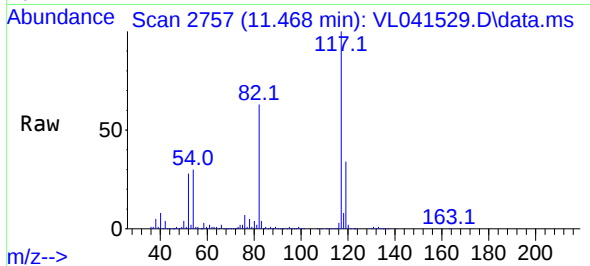
Tgt Ion:107 Resp: 1228899
Ion Ratio Lower Upper
107 100
109 94.6 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.468 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

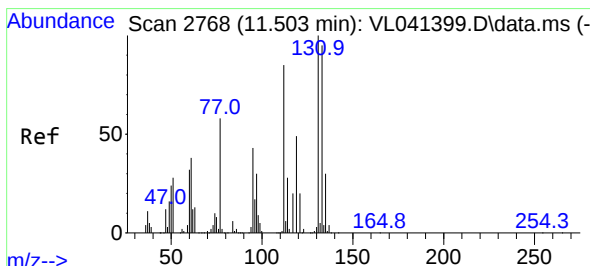
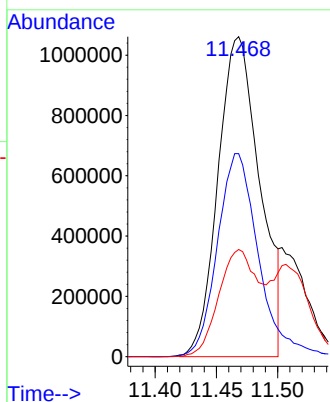
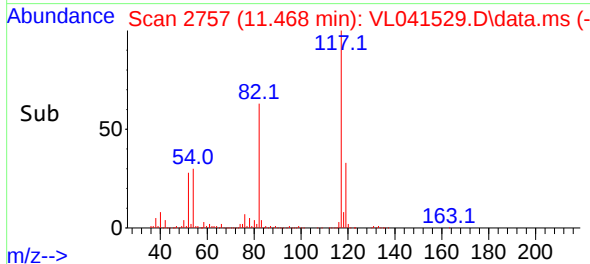
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



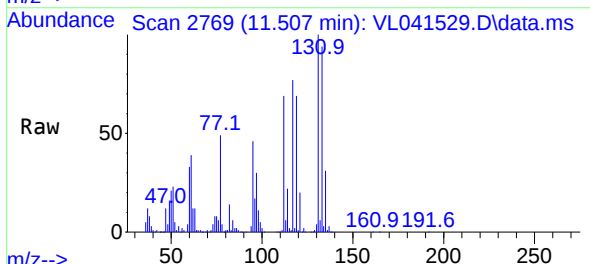
Tgt Ion:117 Resp: 2524478
Ion Ratio Lower Upper
117 100
82 63.0 51.0 76.6
119 32.1 45.2 67.8

Manual Integrations
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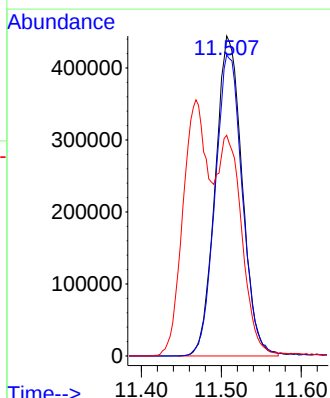
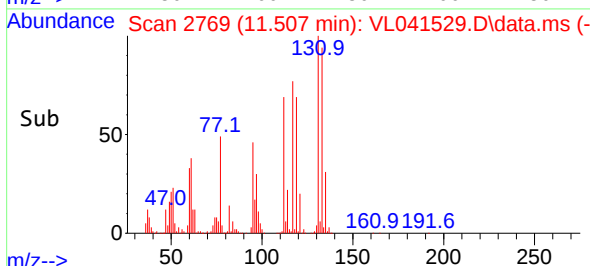
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

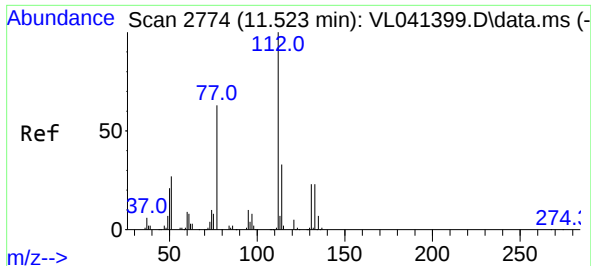


#56
1,1,1,2-Tetrachloroethane
Concen: 10.585 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05



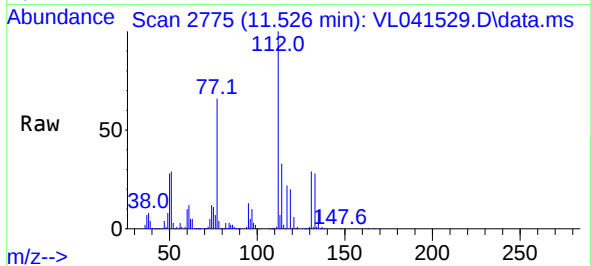
Tgt Ion:131 Resp: 1036341
Ion Ratio Lower Upper
131 100
133 96.1 77.0 115.4
119 63.1 121.5 182.3





#57
Chlorobenzene
Concen: 10.367 ppbv
RT: 11.526 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

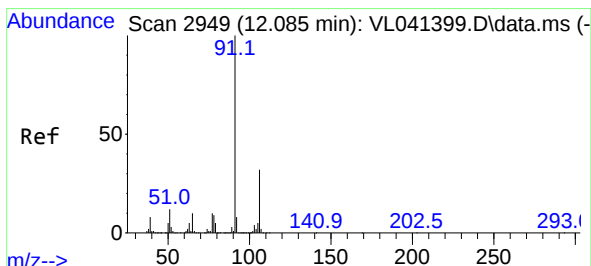
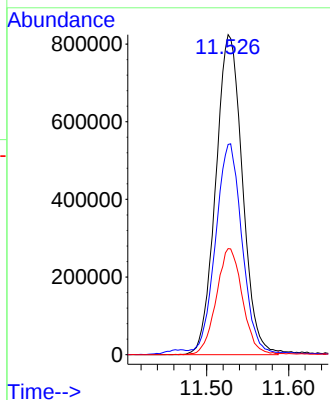
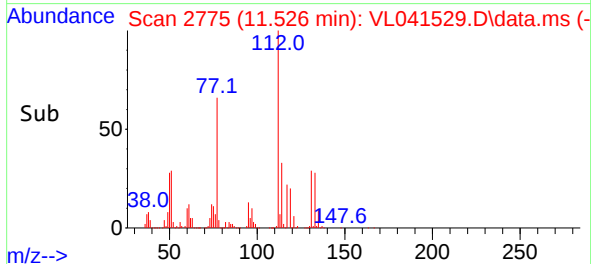
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



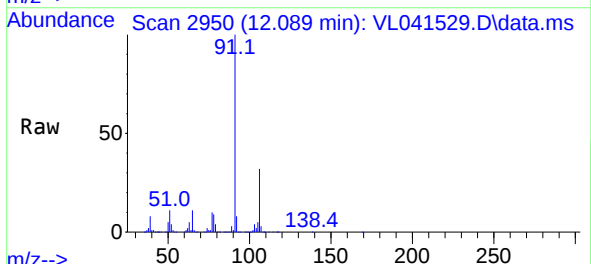
Tgt Ion: 112 Resp: 1863270
Ion Ratio Lower Upper
112 100
77 65.0 51.1 76.7
114 33.1 29.5 36.1

Manual Integrations
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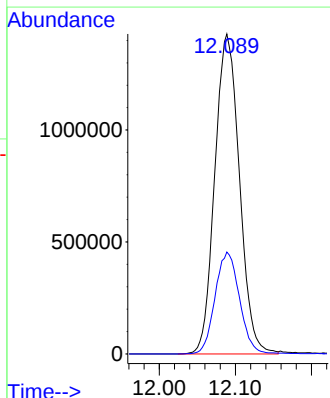
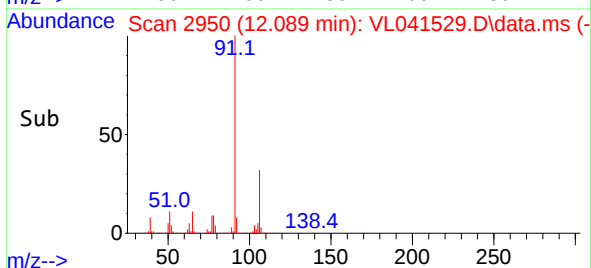
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

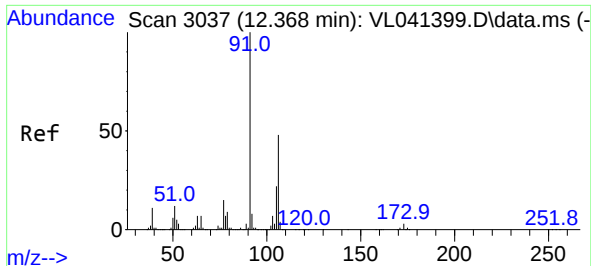


#58
Ethyl Benzene
Concen: 11.041 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05



Tgt Ion: 91 Resp: 3212582
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.8





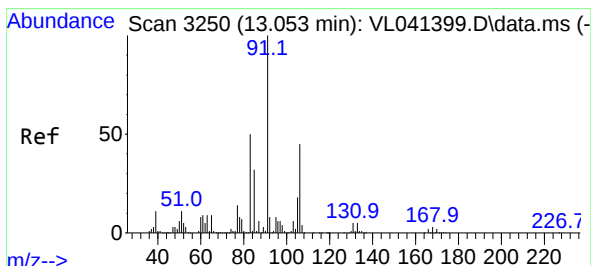
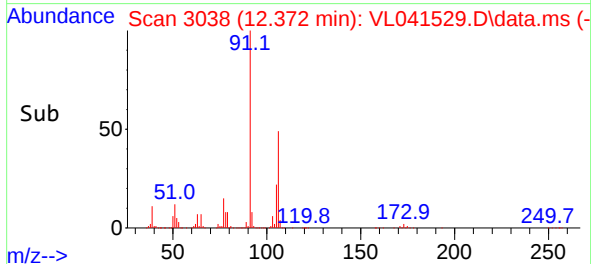
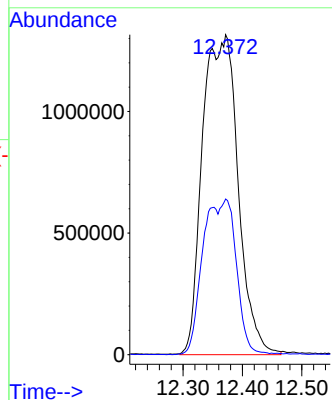
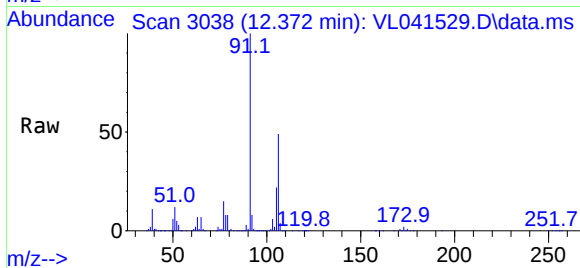
#59
m/p-Xylene
Concen: 21.783 ppbv m
RT: 12.372 min Scan# 3038
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

Tgt Ion: 91 Resp: 547153
Ion Ratio Lower Upper
91 100
106 46.0 36.3 54.5

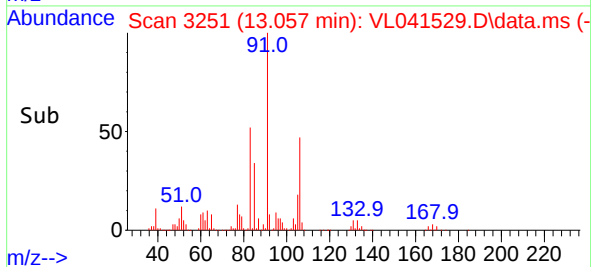
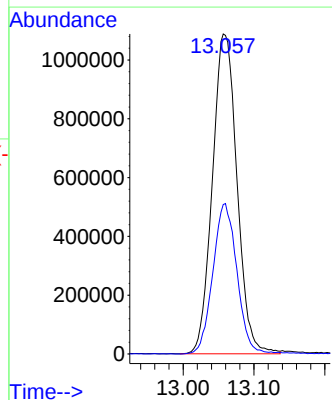
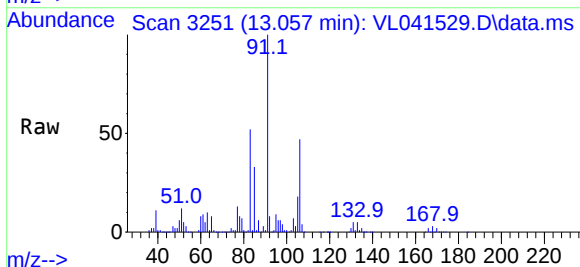
Manual Integrations
APPROVED

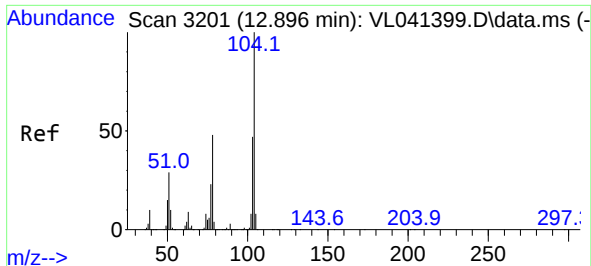
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#60
o-Xylene
Concen: 11.047 ppbv
RT: 13.057 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

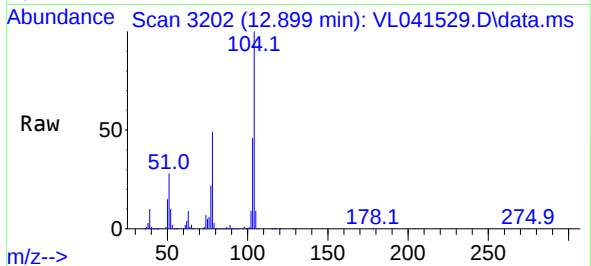
Tgt Ion: 91 Resp: 2624879
Ion Ratio Lower Upper
91 100
106 46.3 23.1 69.3





#61
Styrene
Concen: 11.954 ppbv
RT: 12.899 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

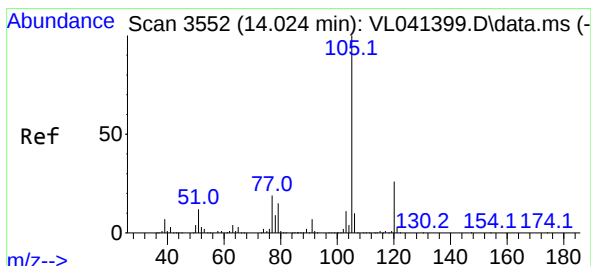
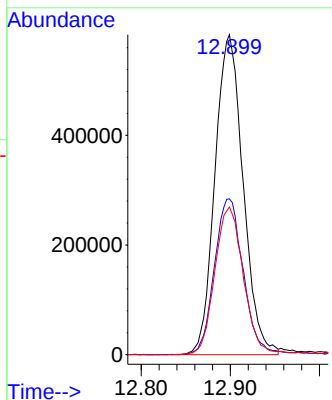
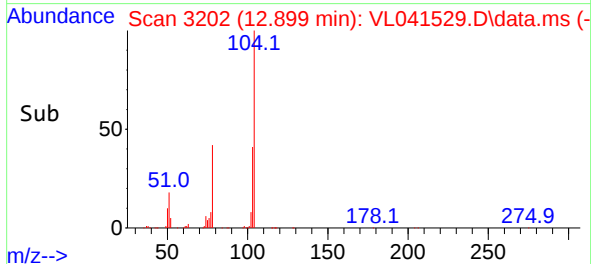
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



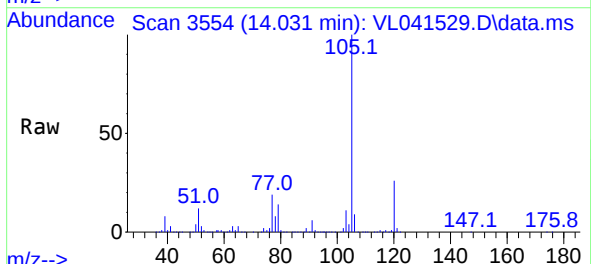
Tgt Ion:104 Resp: 1281440
Ion Ratio Lower Upper
104 100
78 50.4 40.8 61.2
103 47.1 38.2 57.4

Manual Integrations
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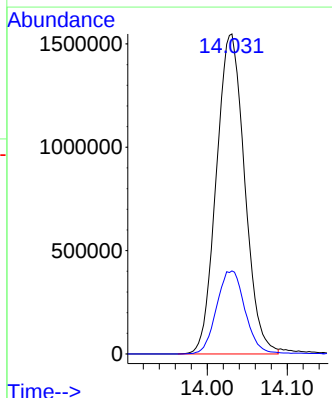
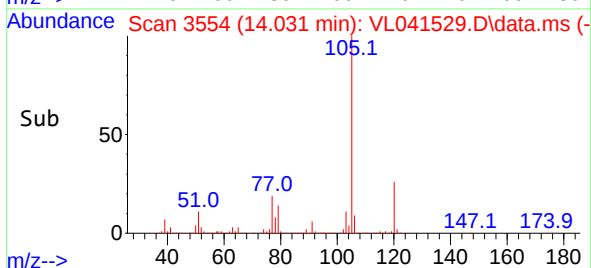
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

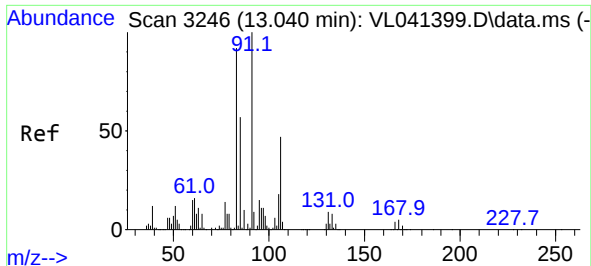


#62
Isopropylbenzene
Concen: 10.522 ppbv
RT: 14.031 min Scan# 3554
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05



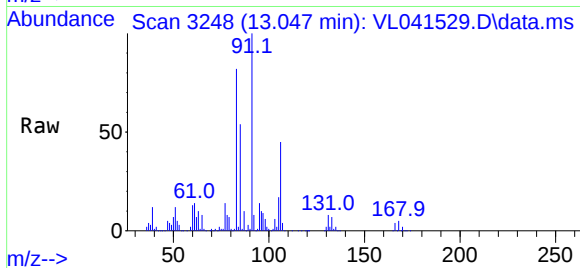
Tgt Ion:105 Resp: 3800877
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 10.780 ppbv
RT: 13.047 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

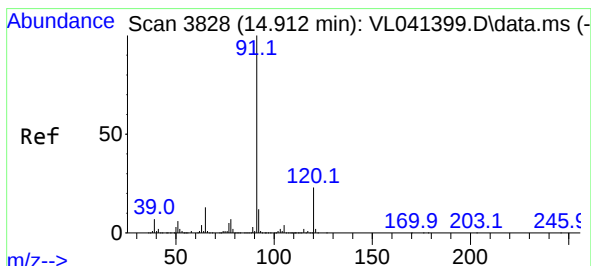
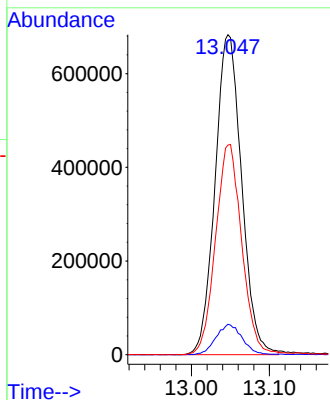
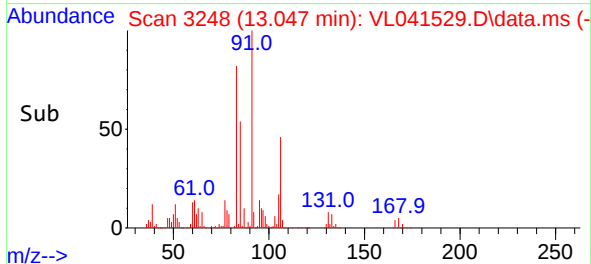
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



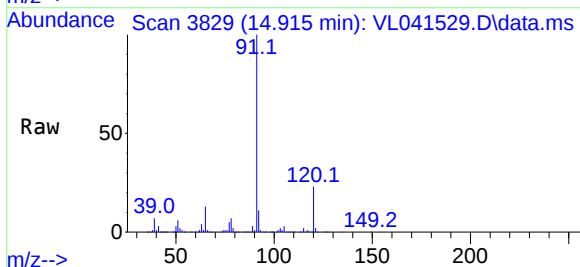
Tgt Ion: 83 Resp: 161748
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 65.4 32.6 98.0

Manual Integrations
APPROVED

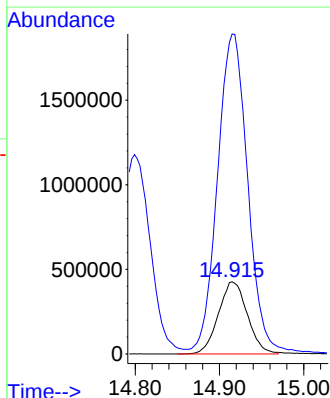
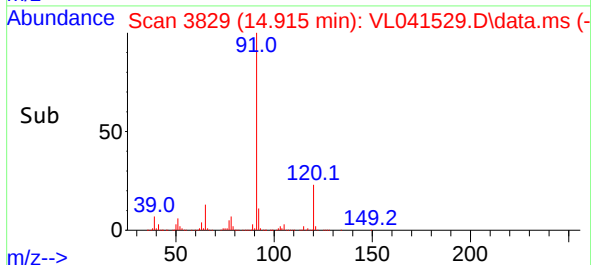
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

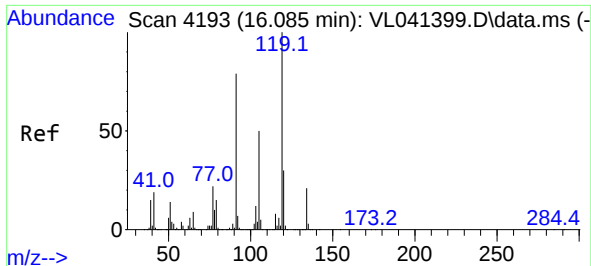


#64
n-propylbenzene
Concen: 10.778 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05



Tgt Ion:120 Resp: 1017816
Ion Ratio Lower Upper
120 100
91 467.0 361.4 542.0





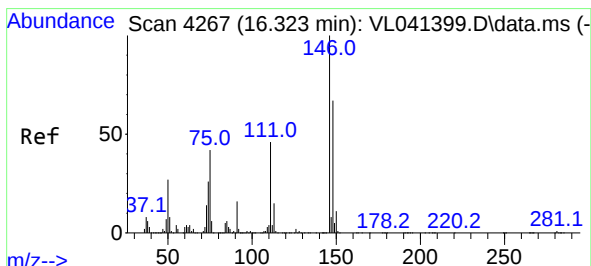
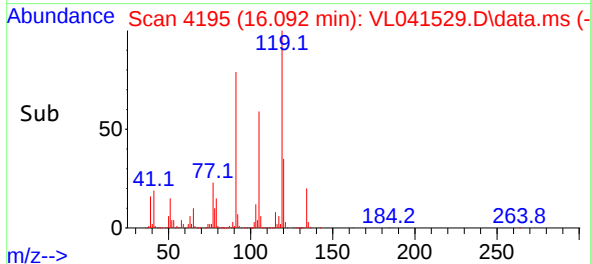
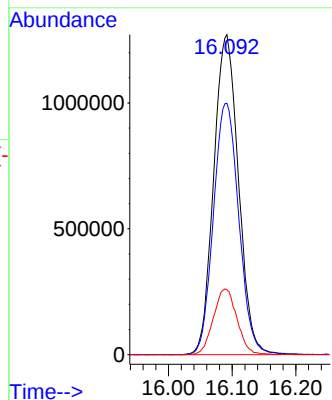
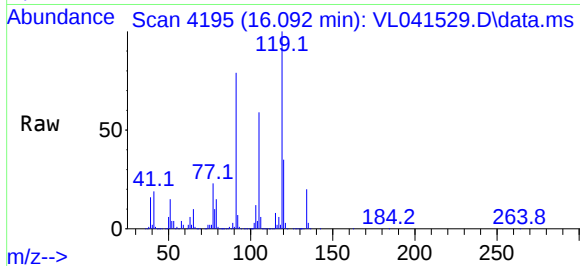
#65
tert-Butylbenzene
Concen: 10.526 ppbv
RT: 16.092 min Scan# 4193
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

Tgt Ion: 119 Resp: 3434158
Ion Ratio Lower Upper
119 100
91 80.4 64.2 96.2
134 19.6 15.7 23.5

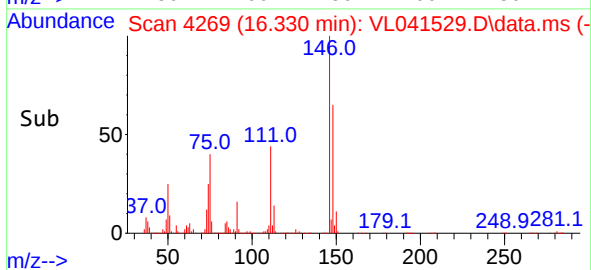
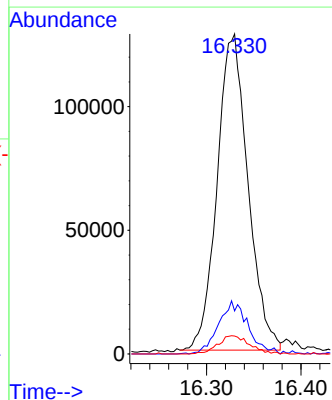
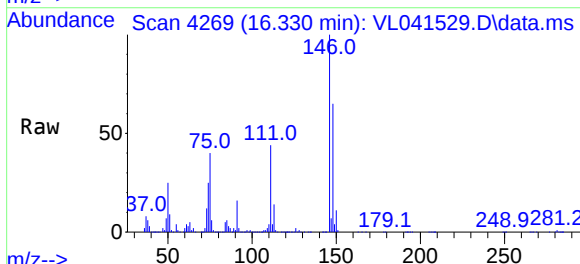
Manual Integrations
APPROVED

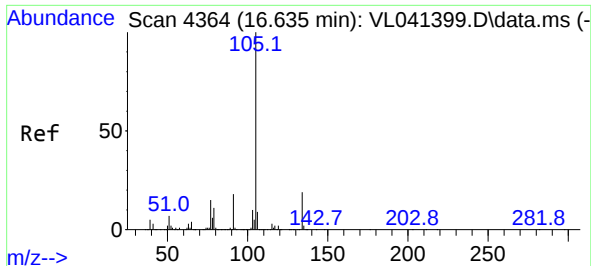
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#66
Benzyl Chloride
Concen: 13.839 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 91 Resp: 289599
Ion Ratio Lower Upper
91 100
126 16.3 13.8 20.8
128 6.0 4.4 6.6





#67

sec-Butylbenzene

Concen: 10.749 ppbv

RT: 16.635 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0812ABS01

Tgt Ion:105 Resp: 4831714

Ion Ratio Lower Upper

105 100

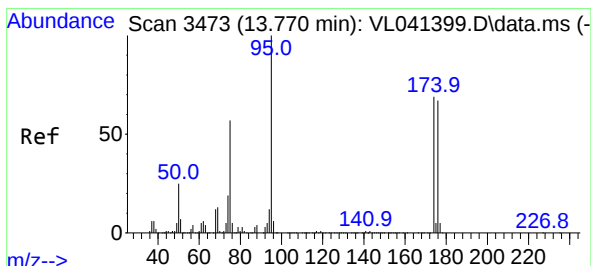
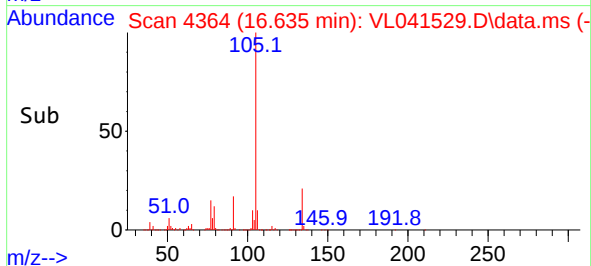
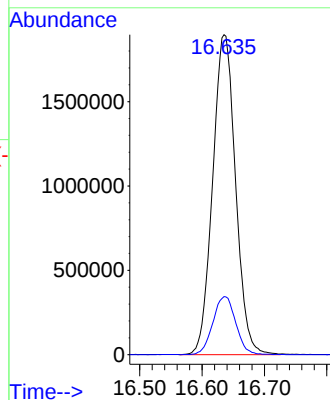
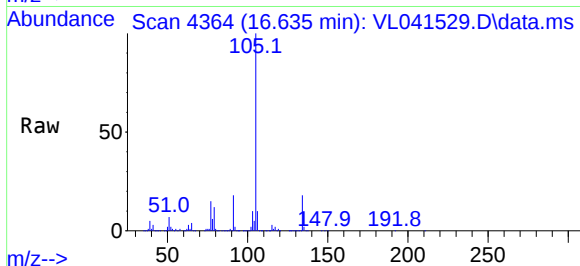
134 18.2 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024

Supervised By :Mahesh Dadoda 08/13/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 9.738 ppbv

RT: 13.774 min Scan# 3474

Delta R.T. 0.000 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

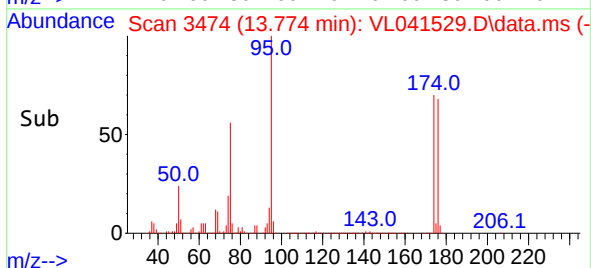
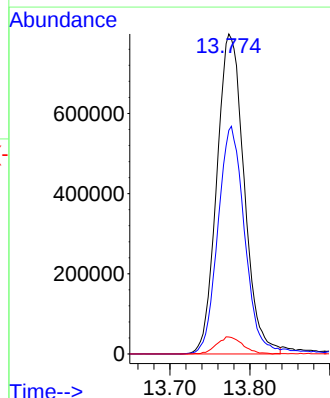
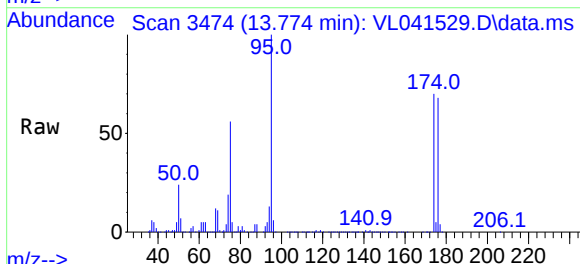
Tgt Ion: 95 Resp: 1891814

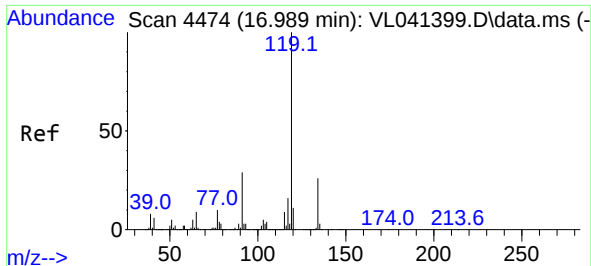
Ion Ratio Lower Upper

95 100

174 71.3 56.3 84.5

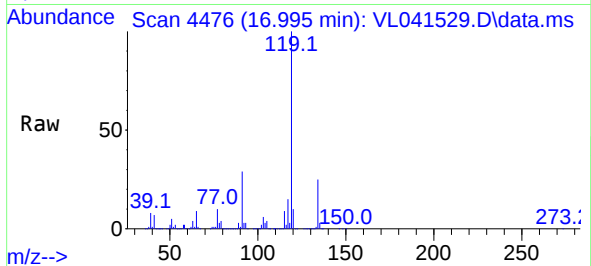
175 5.3 4.0 6.0





#69
p-Isopropyltoluene
Concen: 10.893 ppbv
RT: 16.995 min Scan# 4476
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

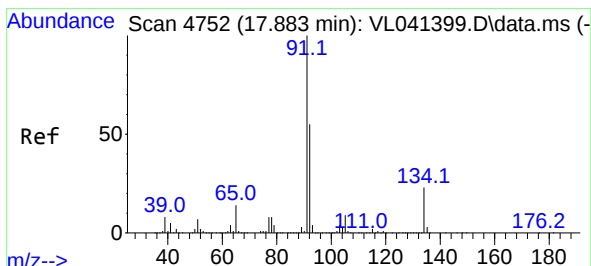
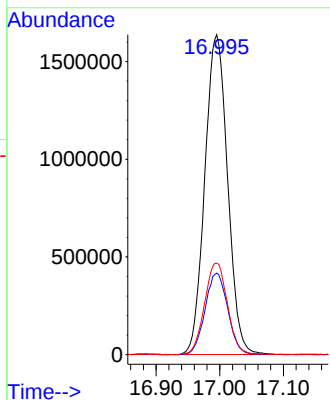
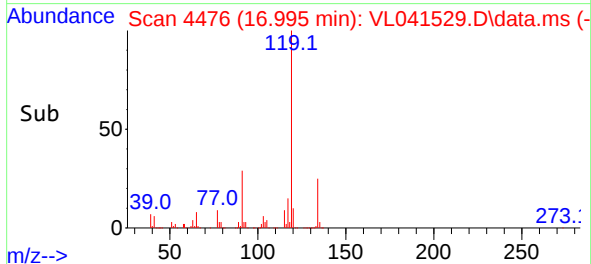
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



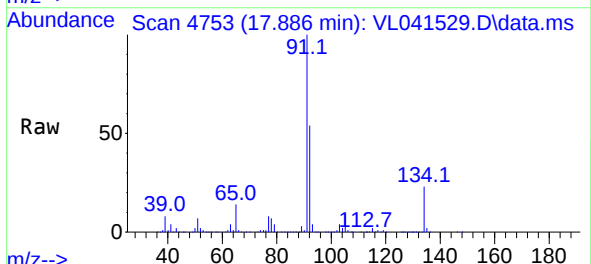
Tgt Ion:119 Resp: 406328
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 28.8 23.2 34.8

Manual Integrations
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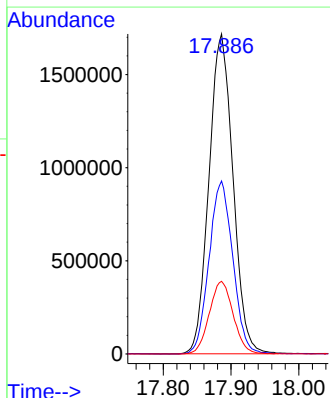
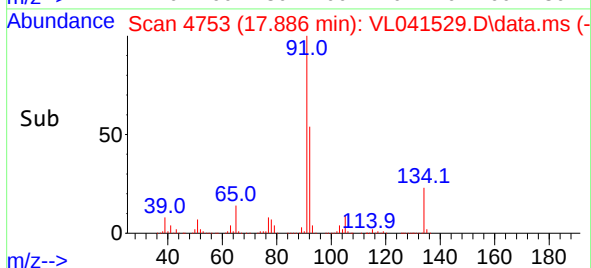
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

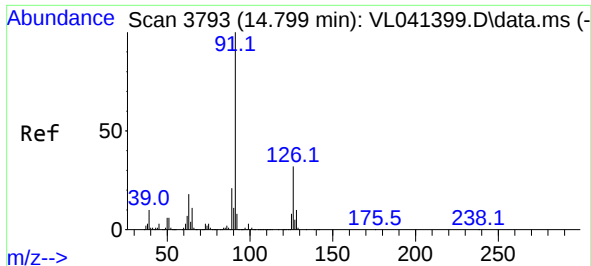


#70
n-Butylbenzene
Concen: 11.055 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05



Tgt Ion: 91 Resp: 4227497
Ion Ratio Lower Upper
91 100
92 53.7 43.2 64.8
134 22.7 18.5 27.7





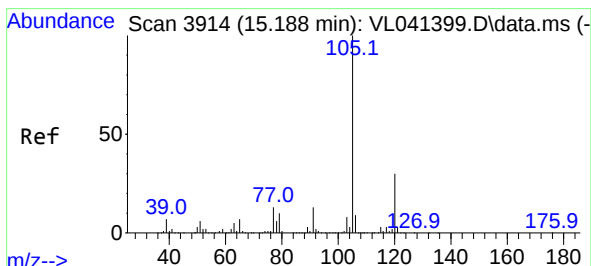
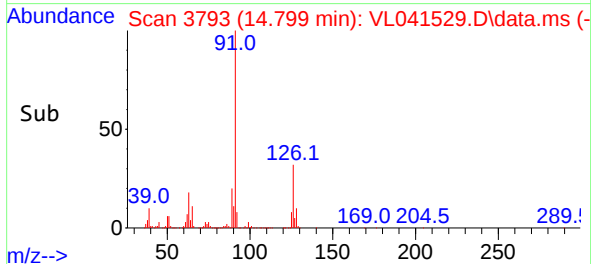
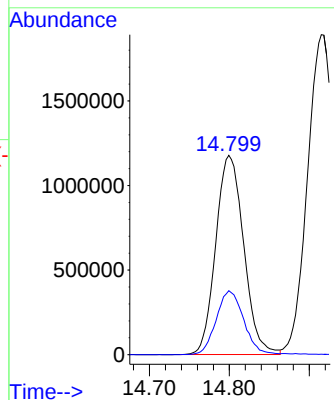
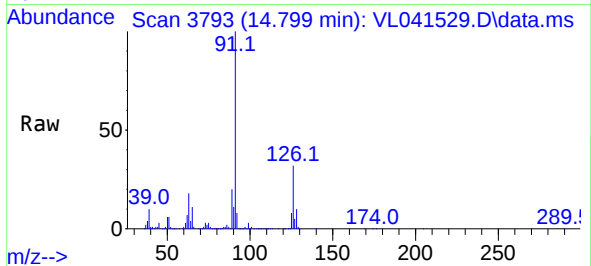
#71
2-Chlorotoluene
Concen: 10.755 ppbv
RT: 14.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

Tgt Ion: 91 Resp: 2864928
Ion Ratio Lower Upper
91 100
126 32.1 12.7 50.9

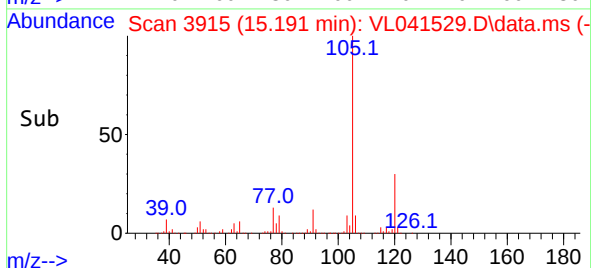
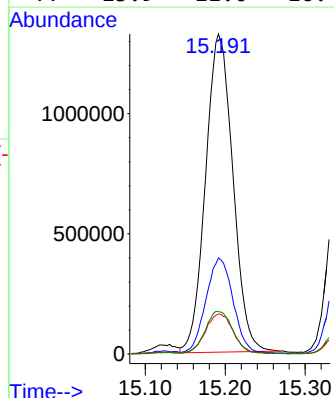
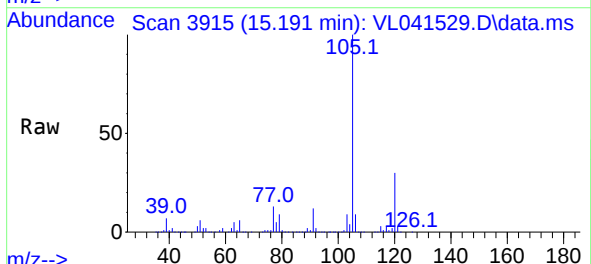
Manual Integrations
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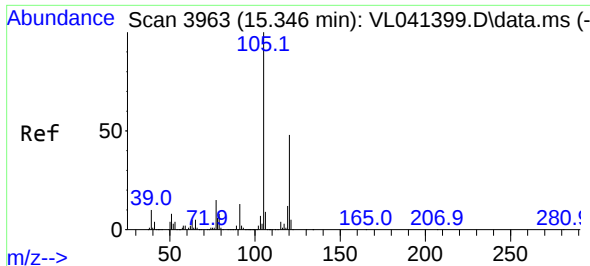
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#72
4-Ethyltoluene
Concen: 11.247 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

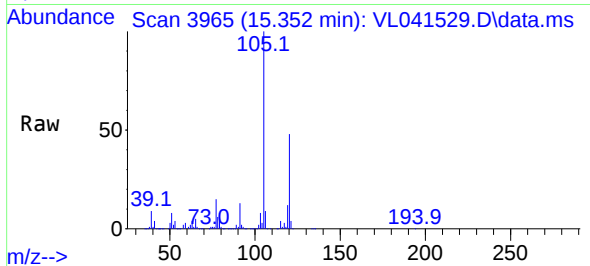
Tgt Ion:105 Resp: 3146268
Ion Ratio Lower Upper
105 100
120 31.3 24.2 36.2
91 13.7 10.4 15.6
77 13.9 11.0 16.4





#73
1,3,5-Trimethylbenzene
Concen: 11.164 ppbv
RT: 15.352 min Scan# 3963
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

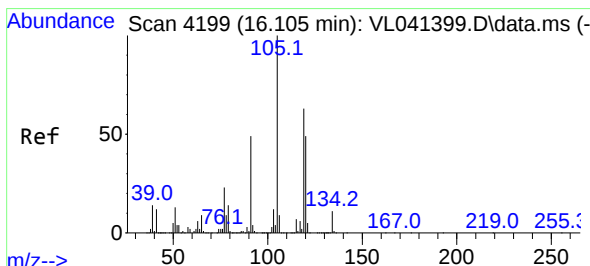
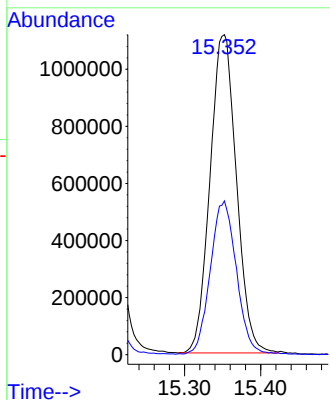
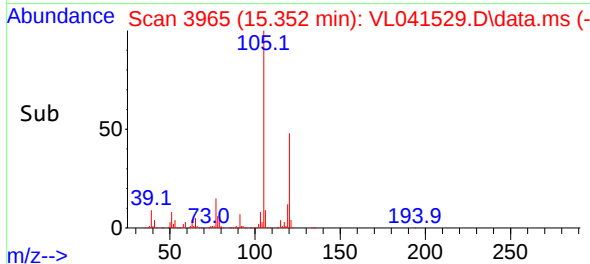
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



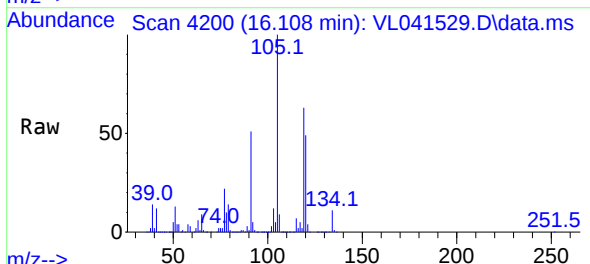
Tgt Ion:105 Resp: 269044
Ion Ratio Lower Upper
105 100
120 48.1 38.6 57.8

Manual Integrations
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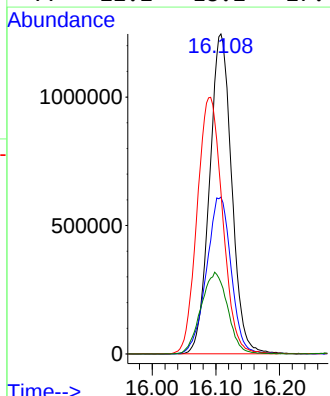
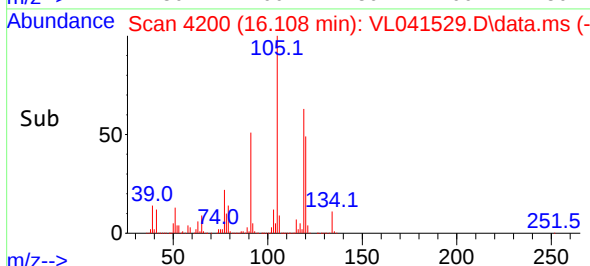
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

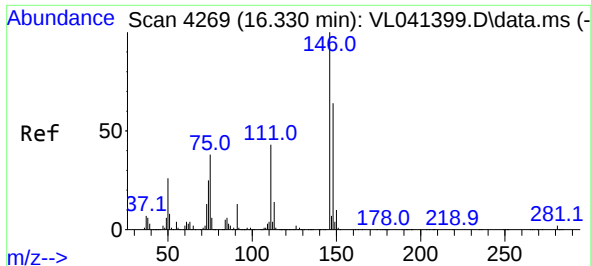


#74
1,2,4-Trimethylbenzene
Concen: 10.760 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05



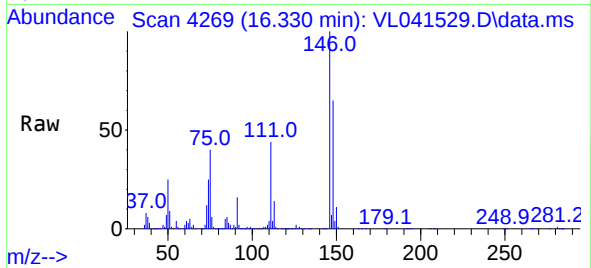
Tgt Ion:105 Resp: 3014700
Ion Ratio Lower Upper
105 100
120 48.8 39.5 59.3
91 50.6 39.8 59.8
77 22.2 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 10.654 ppbv
RT: 16.330 min Scan# 4314
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

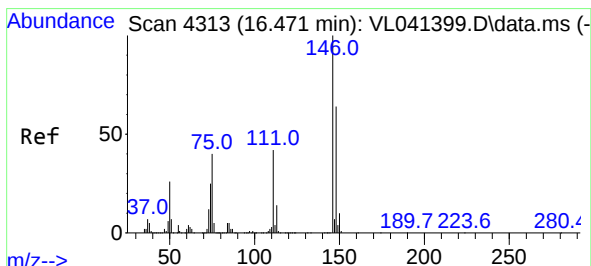
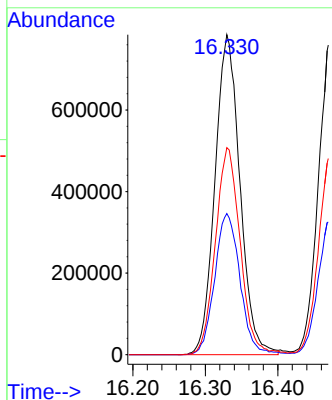
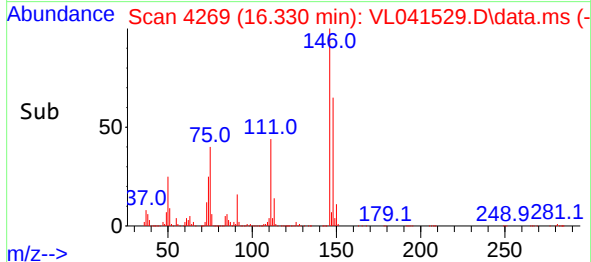
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



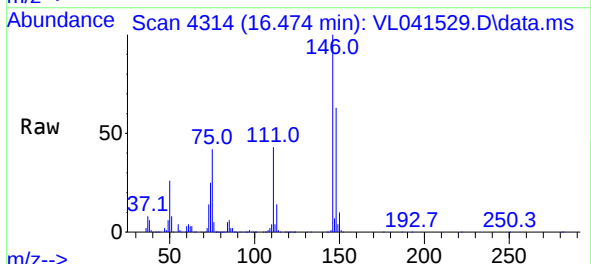
Tgt Ion:146 Resp: 187646
Ion Ratio Lower Upper
146 100
111 44.8 22.6 67.8
148 64.5 32.3 96.8

Manual Integrations
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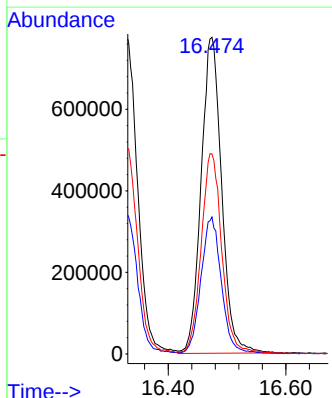
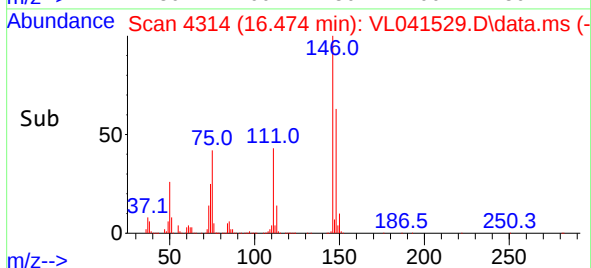
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

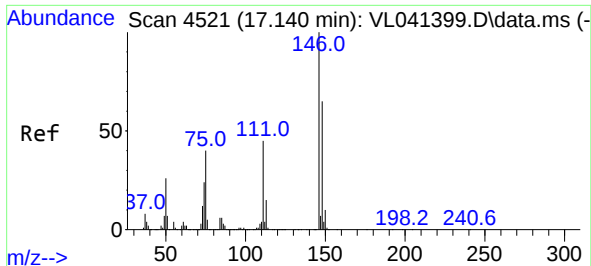


#76
1,4-Dichlorobenzene
Concen: 11.006 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05



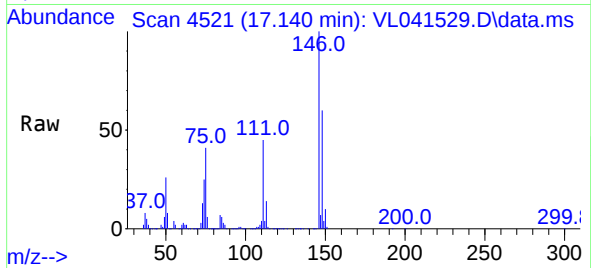
Tgt Ion:146 Resp: 1877028
Ion Ratio Lower Upper
146 100
111 43.1 22.4 67.0
148 63.7 33.1 99.5





#77
1,2-Dichlorobenzene
Concen: 10.450 ppbv
RT: 17.140 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

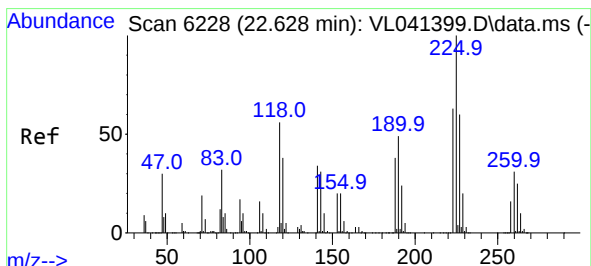
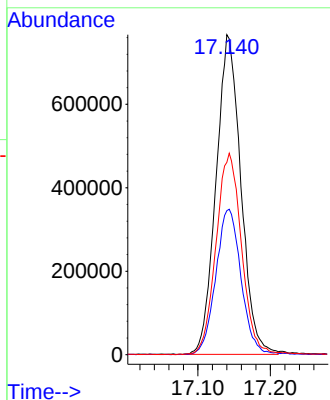
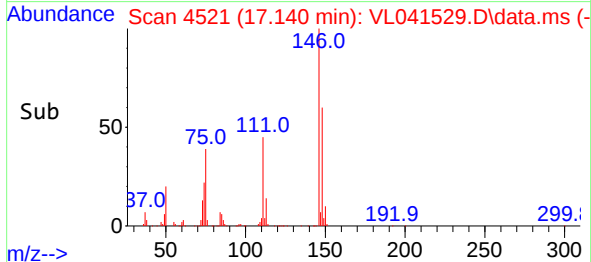
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



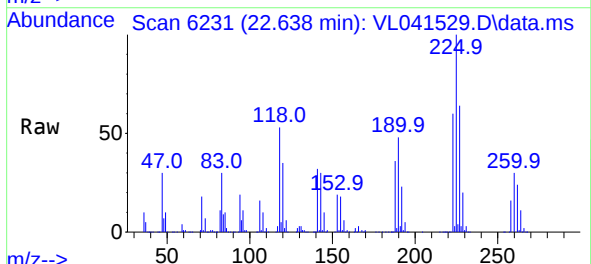
Tgt Ion:146 Resp: 182459
Ion Ratio Lower Upper
146 100
111 46.4 23.4 70.0
148 65.3 32.2 96.6

Manual Integrations
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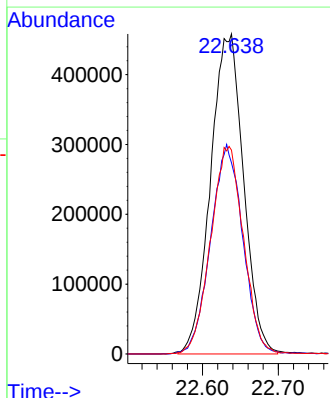
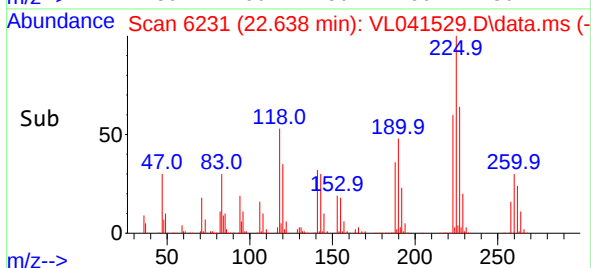
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

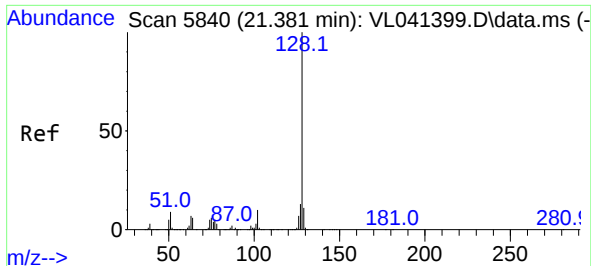


#78
Hexachloro-1,3-Butadiene
Concen: 9.311 ppbv m
RT: 22.638 min Scan# 6231
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05



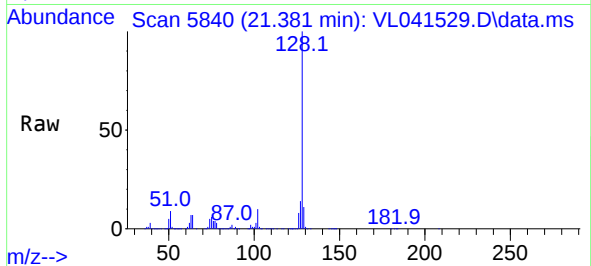
Tgt Ion:225 Resp: 1386346
Ion Ratio Lower Upper
225 100
223 63.7 50.6 76.0
227 64.7 50.8 76.2





#79
Naphthalene
Concen: 12.438 ppbv
RT: 21.381 min Scan# 5840
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

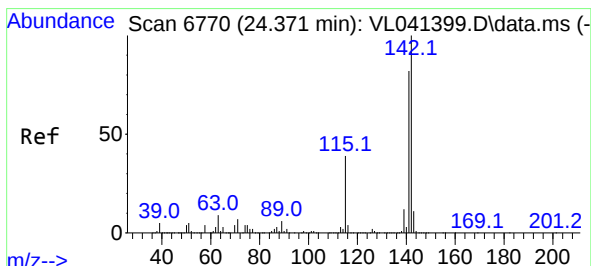
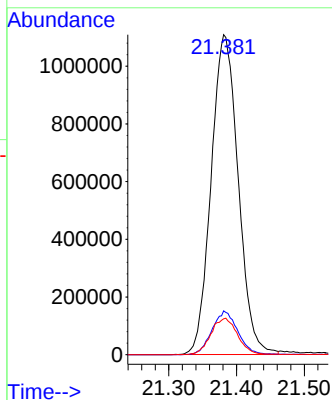
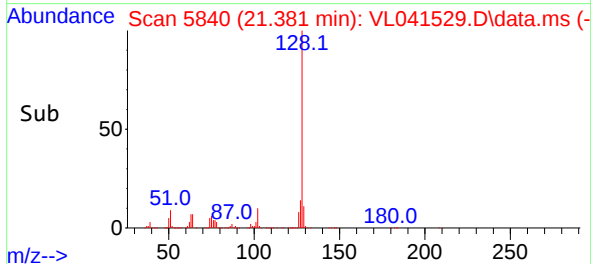
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



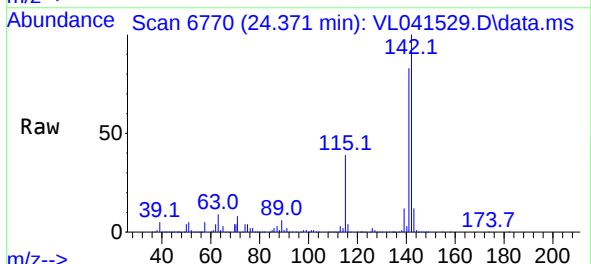
Tgt Ion:128 Resp: 3075930
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 11.2 9.0 13.4

Manual Integrations
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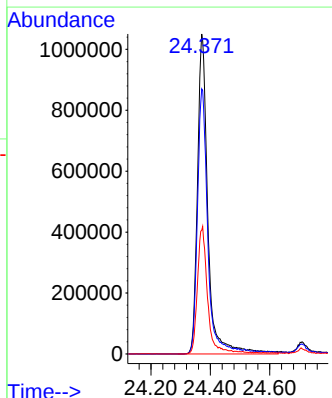
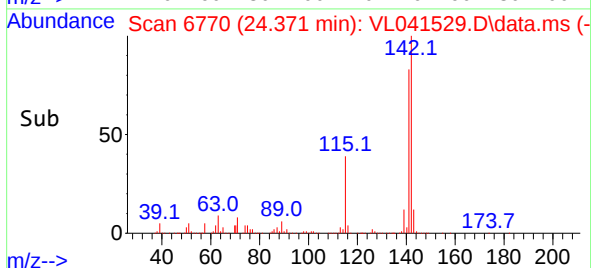
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

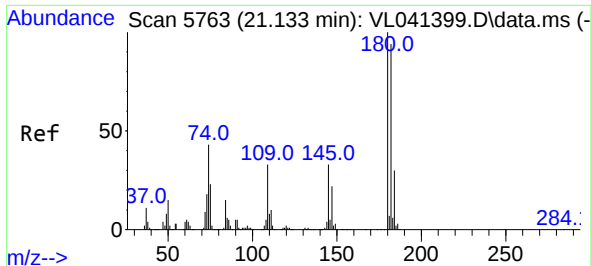


#80
Naphthalene,2-methyl-
Concen: 12.412 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05



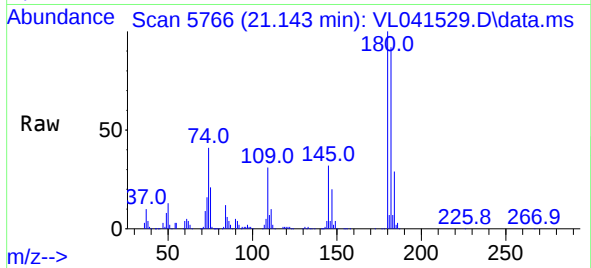
Tgt Ion:142 Resp: 2572995
Ion Ratio Lower Upper
142 100
141 83.9 67.0 100.4
115 39.7 32.2 48.2





#81
1,2,4-Trichlorobenzene
Concen: 11.043 ppbv
RT: 21.143 min Scan# 51
Delta R.T. 0.010 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01



Tgt Ion:180 Resp: 162513
Ion Ratio Lower Upper
180 100
182 95.7 76.7 115.1
184 30.9 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

