Quantitation Report (Qedit)

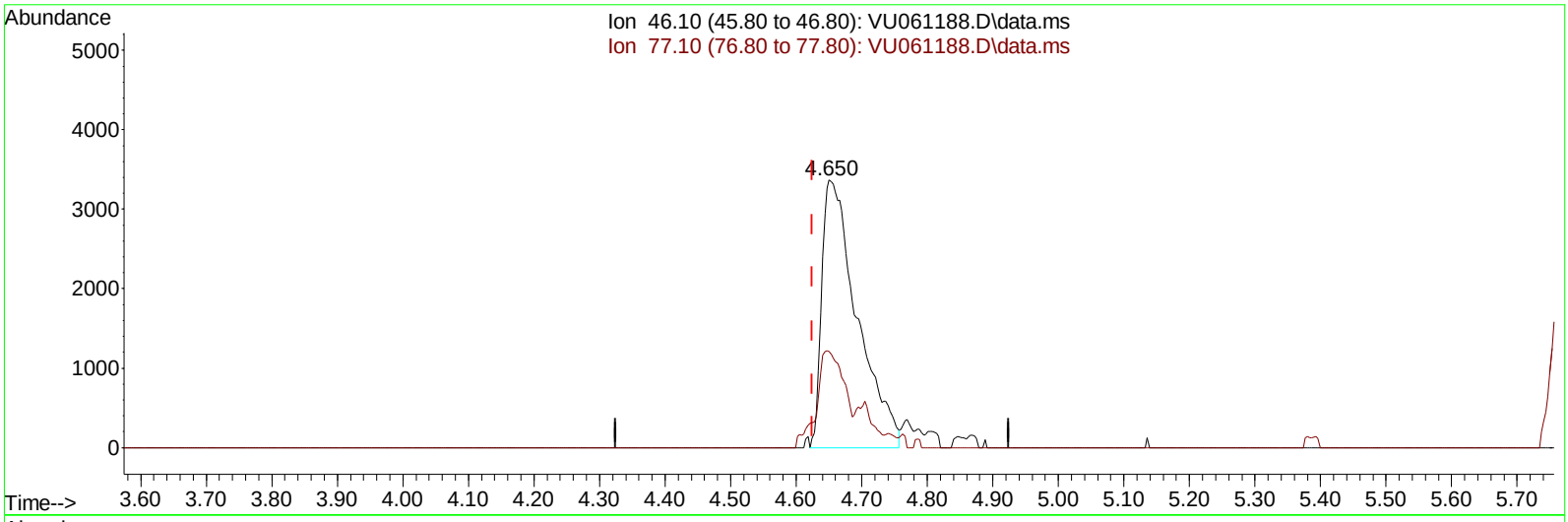
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102324\
Data File : VU061188.D
Acq On : 23 Oct 2024 09:34
Operator : MD/SY
Sample : VSTD0.530
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

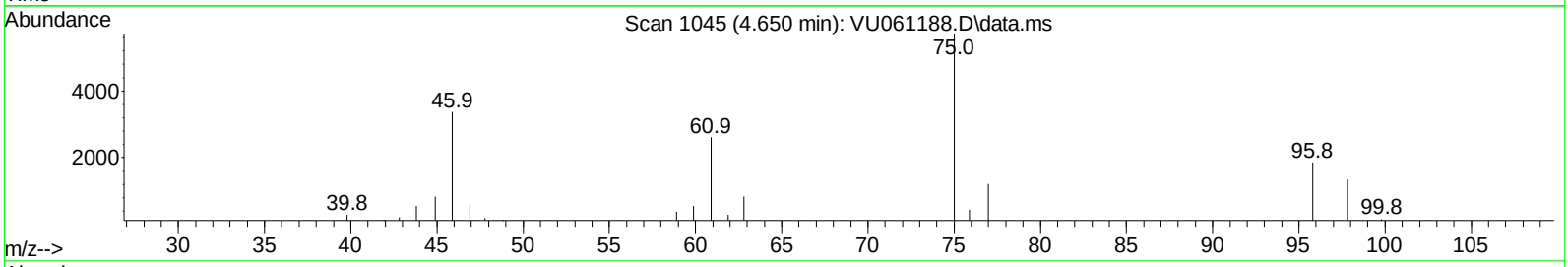
Quant Time: Oct 24 01:13:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 24 01:12:37 2024
Response via : Initial Calibration

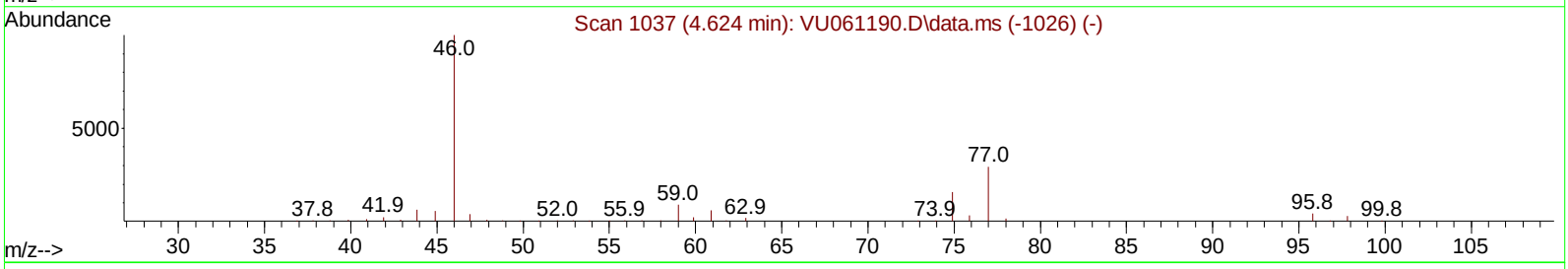
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5030

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024







TIC: VU061188.D\data.ms

(20) 2-Butanone-d5 (S)

4.650min (+ 0.026) 4.64 ug/L

response 12561

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.80	28.21
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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Manual IntegrationsAPPROVED

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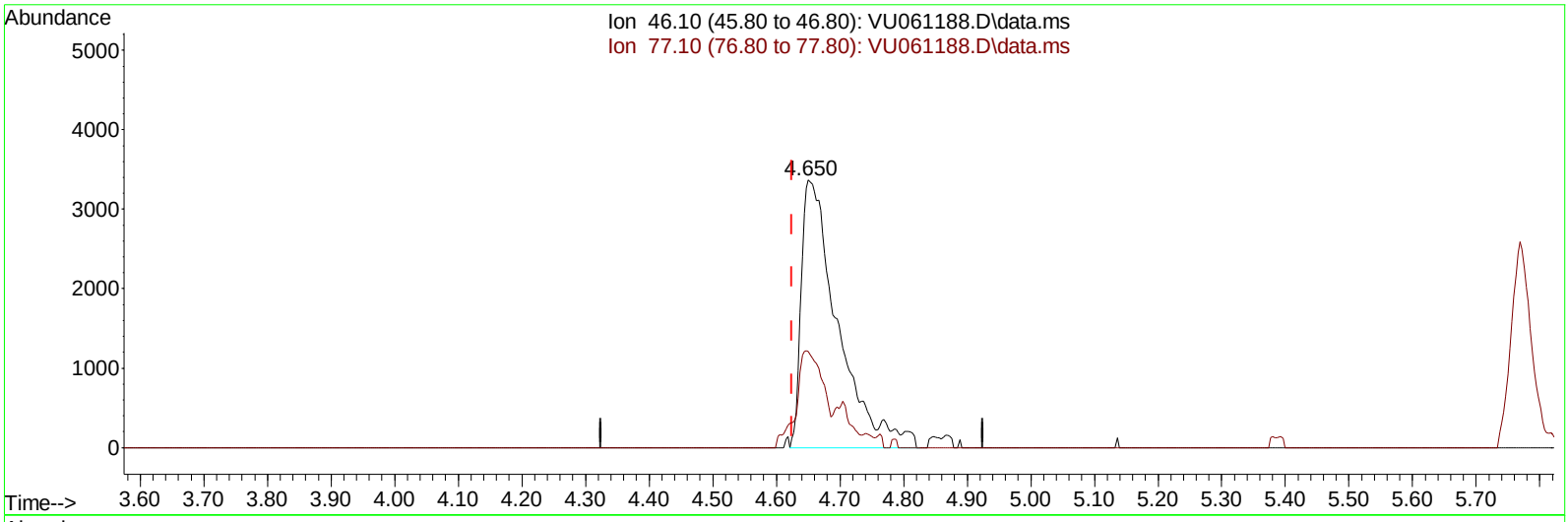

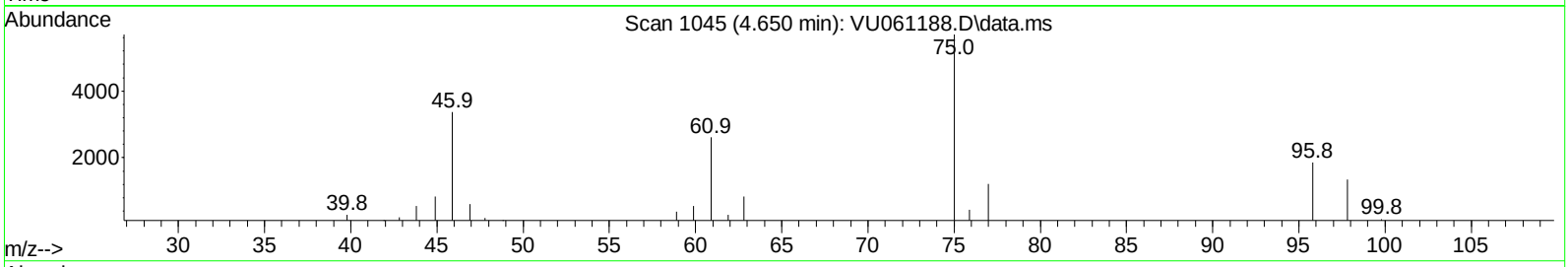

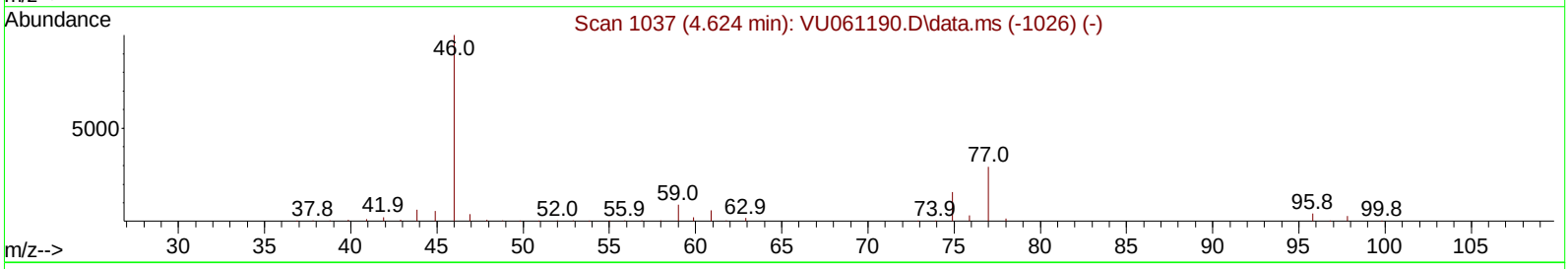

TIC: VU061188.D\data.ms

(20) 2-Butanone-d5 (S)

4.650min (+ 0.026) 4.94 ug/L m

response 13380

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.80	26.49
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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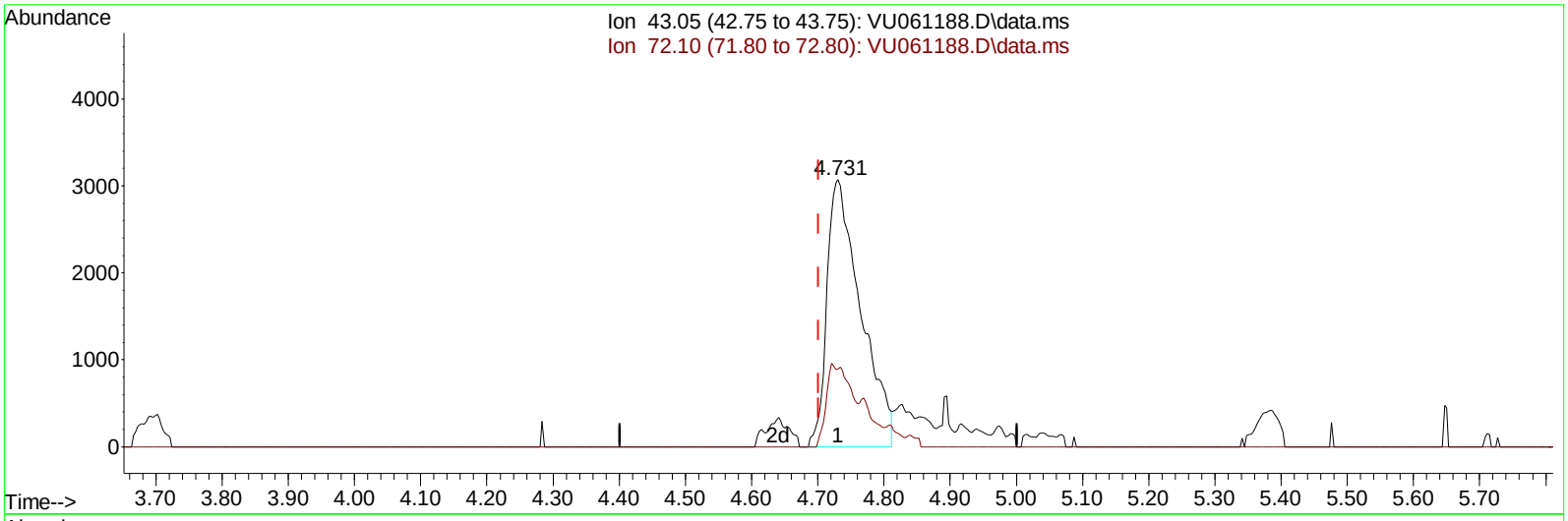

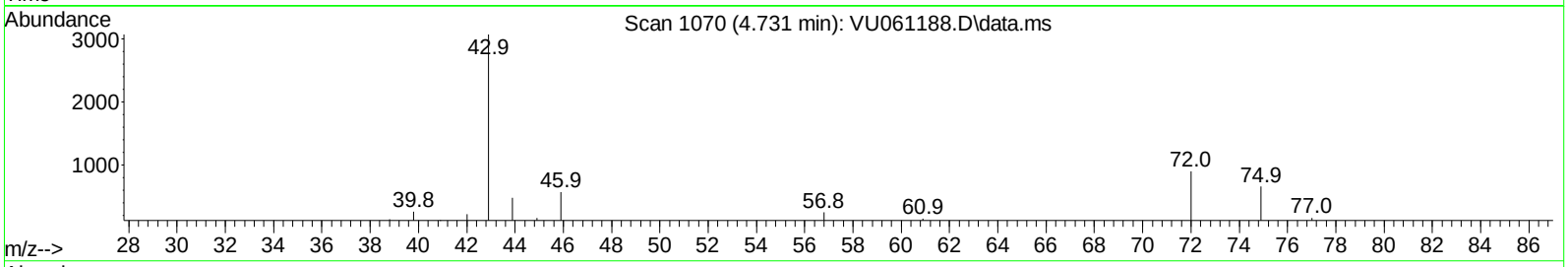

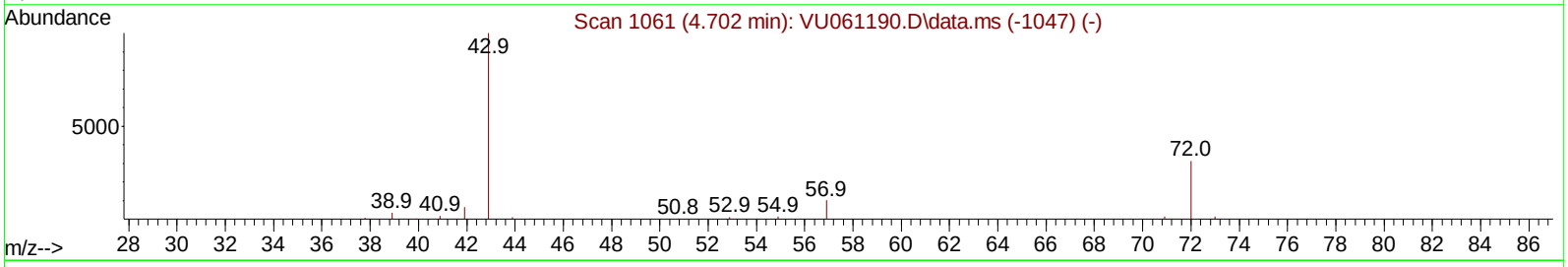

TIC: VU061188.D\data.ms

(21) 2-Butanone (T)

4.731min (+ 0.029) 4.04 ug/L

response 10885

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	31.70	22.16
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : VU061188.D
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Operator : MD/SY
Sample : VSTD0.530
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 24 01:12:37 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5030

Manual IntegrationsAPPROVED

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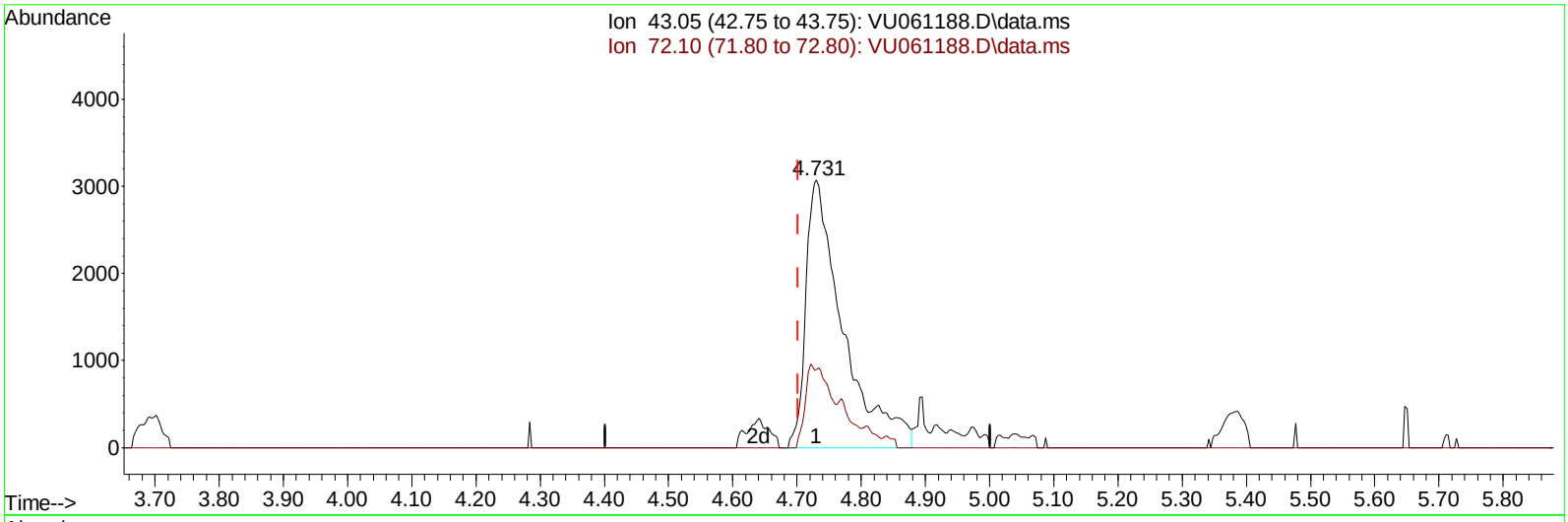

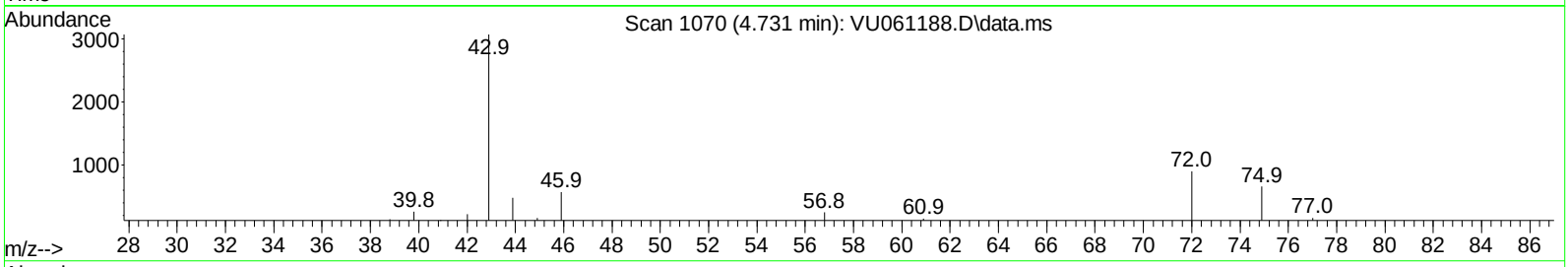

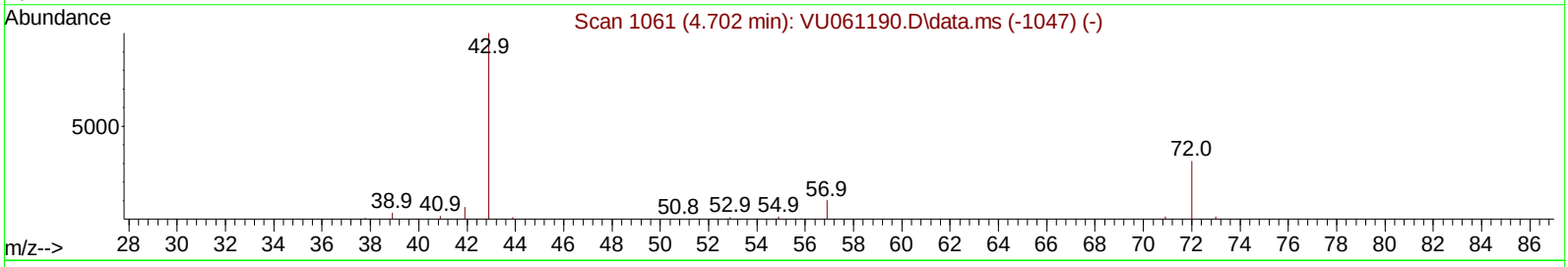

TIC: VU061188.D\data.ms

(21) 2-Butanone (T)

4.731min (+ 0.029) 4.58 ug/L m

response 12337

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	31.70	19.55
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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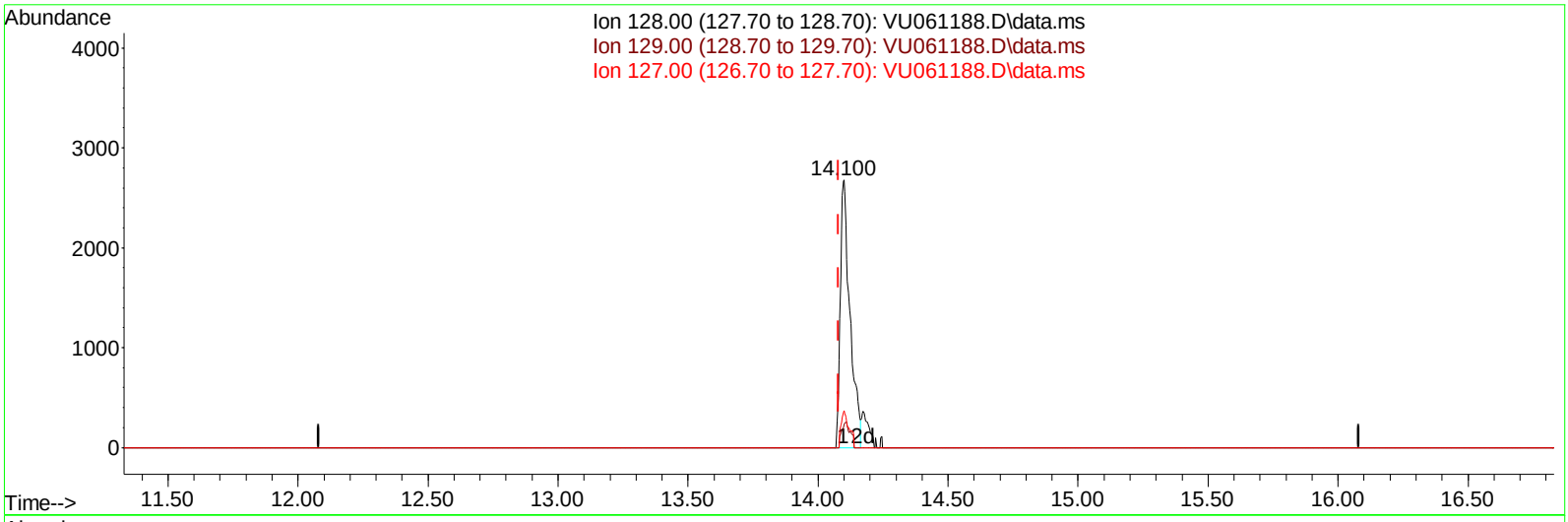

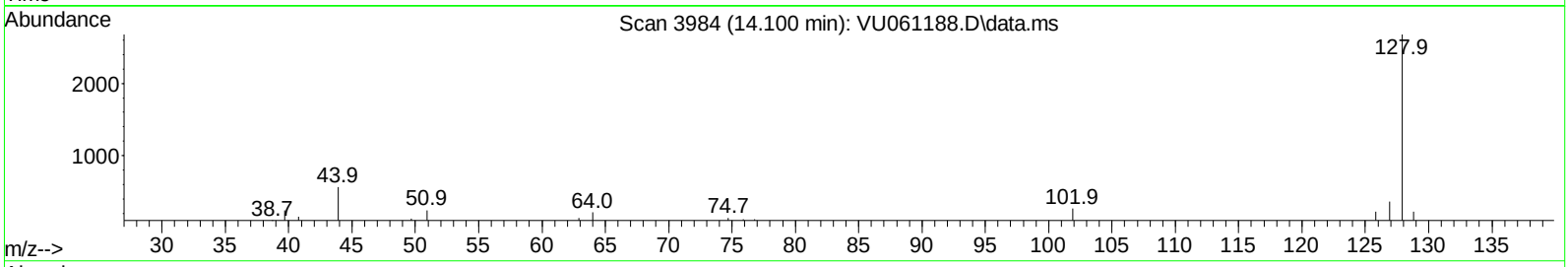

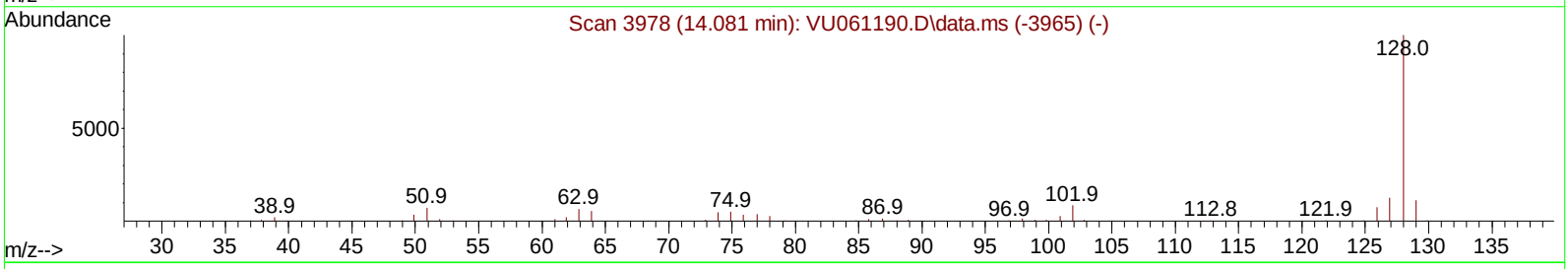

TIC: VU061188.D\data.ms

(71) Naphthalene (MA)

14.100min (+ 0.019) 0.32 ug/L

response 6912

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	11.20	8.43#
127.00	12.50	11.13
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5030

Manual IntegrationsAPPROVED

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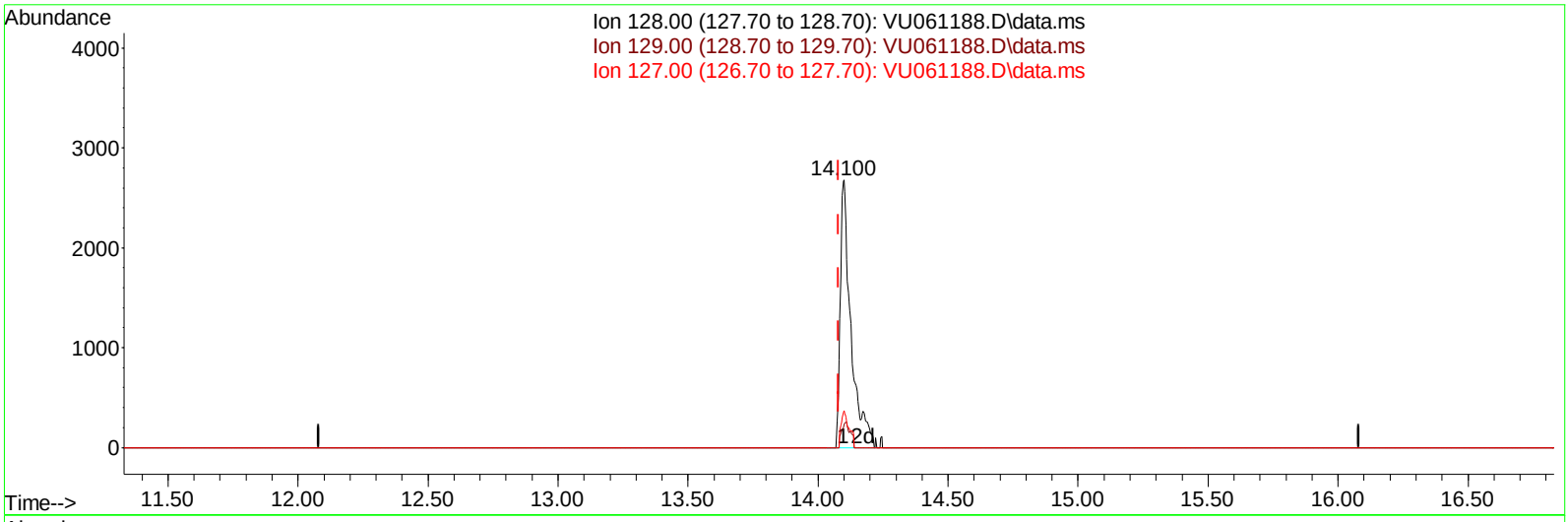

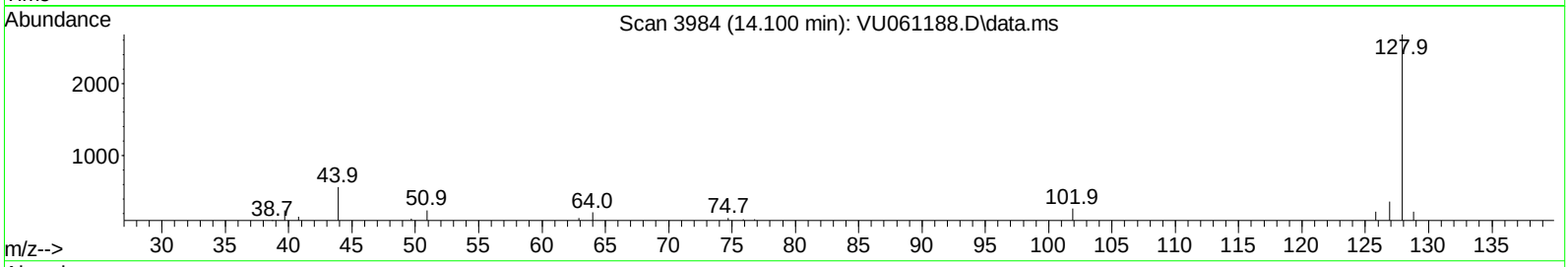

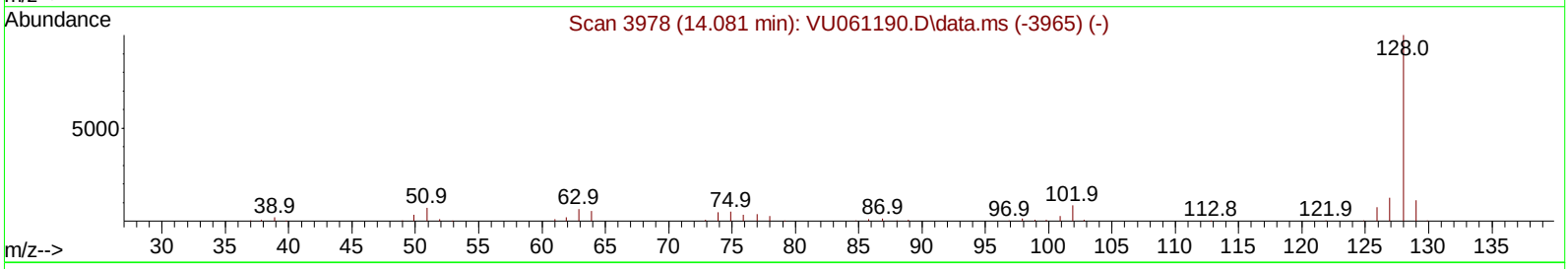

TIC: VU061188.D\data.ms

(71) Naphthalene (MA)

14.100min (+ 0.019) 0.36 ug/L m

response 7600

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	11.20	7.67#
127.00	12.50	10.12
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	6.242	114	198718	5.000	ug/L		0.00
28) Chlorobenzene-d5	9.412	117	170692	5.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76875	5.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.596	65	6722	0.498	ug/L		0.00
7) Chloroethane-d5	1.908	69	5981	0.483	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.560	65	2691	0.466	ug/L		0.00
20) 2-Butanone-d5	4.650	46	13380m	4.941	ug/L		0.03
24) Chloroform-d	5.059	84	12858	0.502	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.702	65	6390	0.500	ug/L		0.00
32) Benzene-d6	5.721	84	24913	0.518	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.685	67	7404	0.512	ug/L		0.00
41) Toluene-d8	7.898	98	22396	0.498	ug/L		0.00
43) trans-1,3-Dichloroprop...	8.177	79	2690	0.456	ug/L		0.00
46) 2-Hexanone-d5	8.637	63	11181	4.625	ug/L		0.01
56) 1,1,2,2-Tetrachloroeth...	10.750	84	5207	0.476	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	6785	0.498	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.383	85	5894	0.445	ug/L		91
3) Chloromethane	1.515	50	6438	0.461	ug/L		91
5) Vinyl chloride	1.599	62	6870	0.447	ug/L		97
6) Bromomethane	1.853	94	4362	0.429	ug/L		92
8) Chloroethane	1.930	64	4909	0.434	ug/L		92
9) Trichlorofluoromethane	2.133	101	9105	0.436	ug/L		91
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	5642	0.455	ug/L		99
12) 1,1-Dichloroethene	2.576	96	5102	0.434	ug/L		96
13) Acetone	2.644	43	8185	4.715	ug/L		95
14) Carbon disulfide	2.789	76	18085	0.461	ug/L		96
15) Methyl Acetate	2.965	43	2041	0.475	ug/L	#	85
16) Methylene chloride	3.043	84	6809	0.492	ug/L		92
17) Methyl tert-butyl Ether	3.358	73	13953	0.438	ug/L		98
18) trans-1,2-Dichloroethene	3.351	96	5952	0.458	ug/L		95
19) 1,1-Dichloroethane	3.862	63	11499	0.469	ug/L		98
21) 2-Butanone	4.731	43	12337m	4.580	ug/L		
22) cis-1,2-Dichloroethene	4.666	96	6596	0.444	ug/L		99
23) Bromochloromethane	4.972	128	2649	0.424	ug/L	#	80
25) Chloroform	5.081	83	11879	0.461	ug/L		96
27) 1,2-Dichloroethane	5.792	62	7443	0.457	ug/L		95
29) 1,1,1-Trichloroethane	5.309	97	9912	0.474	ug/L		98
30) Cyclohexane	5.377	56	10275	0.490	ug/L		99
31) Carbon tetrachloride	5.515	117	8667	0.485	ug/L		99
33) Benzene	5.769	78	25054	0.475	ug/L		100
34) Trichloroethene	6.541	95	6898	0.480	ug/L		95
35) Methylcyclohexane	6.756	83	11015	0.482	ug/L		99
37) 1,2-Dichloropropane	6.785	63	6097	0.456	ug/L		98
38) Bromodichloromethane	7.100	83	7901	0.467	ug/L	#	93
39) cis-1,3-Dichloropropene	7.605	75	9393	0.454	ug/L		95
40) 4-Methyl-2-pentanone	7.792	43	28399	4.264	ug/L		98
42) Toluene	7.965	91	26646	0.465	ug/L		95

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.213	75	7580	0.450 ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	4178	0.434 ug/L	99
47) Tetrachloroethene	8.547	164	4454	0.444 ug/L	97
48) 2-Hexanone	8.685	43	19638	4.170 ug/L	98
49) Dibromochloromethane	8.804	129	4828	0.442 ug/L	100
50) 1,2-Dibromoethane	8.920	107	4156	0.444 ug/L #	98
51) Chlorobenzene	9.444	112	16074	0.444 ug/L	98
52) Ethylbenzene	9.566	91	28356	0.450 ug/L	96
53) m,p-Xylene	9.692	106	10357	0.431 ug/L	99
54) o-Xylene	10.097	106	10433	0.440 ug/L	93
55) Styrene	10.116	104	16093	0.423 ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	5300	0.457 ug/L #	98
59) Bromoform	10.287	173	2352	0.413 ug/L #	95
60) Isopropylbenzene	10.480	105	27336	0.465 ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	3598	0.470 ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	21123	0.442 ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	20777	0.440 ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	10847	0.439 ug/L	92
65) 1,4-Dichlorobenzene	11.830	146	11897	0.472 ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	10641	0.457 ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.997	75	691	0.430 ug/L #	62
69) 1,3,5-Trichlorobenzene	13.219	180	7234	0.427 ug/L	98
70) 1,2,4-trichlorobenzene	13.843	180	5376	0.393 ug/L	98
71) Naphthalene	14.100	128	7600m	0.357 ug/L	
72) 1,2,3-Trichlorobenzene	14.331	180	4204	0.368 ug/L	97

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

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