

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100320\
 Data File : VU040494.D
 Acq On : 03 Oct 2020 20:56
 Operator : SY/MD
 Sample : L4266-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS2

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.366	3	8	24	rVB	645913	624130	100.00%	11.050%
2	1.498	42	49	53	rBV	34948	34477	5.52%	0.610%
3	1.527	53	58	66	rVB	20406	22802	3.65%	0.404%
4	1.597	71	80	95	rBV3	247281	394851	63.26%	6.991%
5	1.668	96	102	108	rVB	8264	8674	1.39%	0.154%
6	1.742	118	125	135	rVB	18743	22613	3.62%	0.400%
7	1.922	170	181	195	rVV2	52171	78579	12.59%	1.391%
8	2.006	198	207	223	rVB2	29823	43539	6.98%	0.771%
9	2.166	246	257	265	rBV	73528	102625	16.44%	1.817%
10	2.215	265	272	290	rVB3	39144	68956	11.05%	1.221%
11	2.330	300	308	318	rVB2	6446	8615	1.38%	0.153%
12	2.427	329	338	344	rBV3	10008	15903	2.55%	0.282%
13	2.469	344	351	364	rVB2	22440	38158	6.11%	0.676%
14	2.581	373	386	399	rBV	83676	138496	22.19%	2.452%
15	2.665	401	412	418	rBV5	3511	7501	1.20%	0.133%
16	2.996	506	515	532	rVB10	8781	21443	3.44%	0.380%
17	3.102	540	548	556	rVB3	6394	10772	1.73%	0.191%
18	3.379	621	634	649	rVB3	7085	15360	2.46%	0.272%
19	3.607	689	705	718	rBV4	18075	39893	6.39%	0.706%
20	3.716	726	739	753	rBV5	10777	23879	3.83%	0.423%
21	4.662	1016	1033	1079	rBV	58916	226068	36.22%	4.002%
22	5.083	1145	1164	1186	rBV	79117	180065	28.85%	3.188%
23	5.607	1318	1327	1339	rVB5	3469	6318	1.01%	0.112%
24	5.742	1348	1369	1395	rBV2	155514	410865	65.83%	7.274%
25	6.038	1451	1461	1470	rVB3	6026	10820	1.73%	0.192%
26	6.147	1487	1495	1505	rBV6	3397	7692	1.23%	0.136%
27	6.263	1514	1531	1555	rBV	176486	332225	53.23%	5.882%
28	6.703	1654	1668	1685	rBV	102363	198281	31.77%	3.510%
29	7.575	1927	1939	1954	rBV2	51694	90961	14.57%	1.610%
30	7.906	2029	2042	2057	rBV	177607	305191	48.90%	5.403%
31	8.185	2119	2129	2146	rBV2	32760	56635	9.07%	1.003%
32	8.301	2155	2165	2173	rBV5	3844	7118	1.14%	0.126%
33	8.346	2173	2179	2193	rVB2	5235	8502	1.36%	0.151%
34	8.558	2231	2245	2259	rBV	200621	338867	54.29%	5.999%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : TRACE VOA SOM01.0

35	8.642	2259	2271	2302	rVV	282274	532626	85.34%	9.430%
36	9.420	2499	2513	2532	rBV	255008	423654	67.88%	7.501%
37	10.758	2917	2929	2943	rBV	82061	132288	21.20%	2.342%
38	11.809	3244	3256	3273	rBV	229751	369436	59.19%	6.541%
39	12.189	3361	3374	3387	rBV	178106	289437	46.37%	5.124%

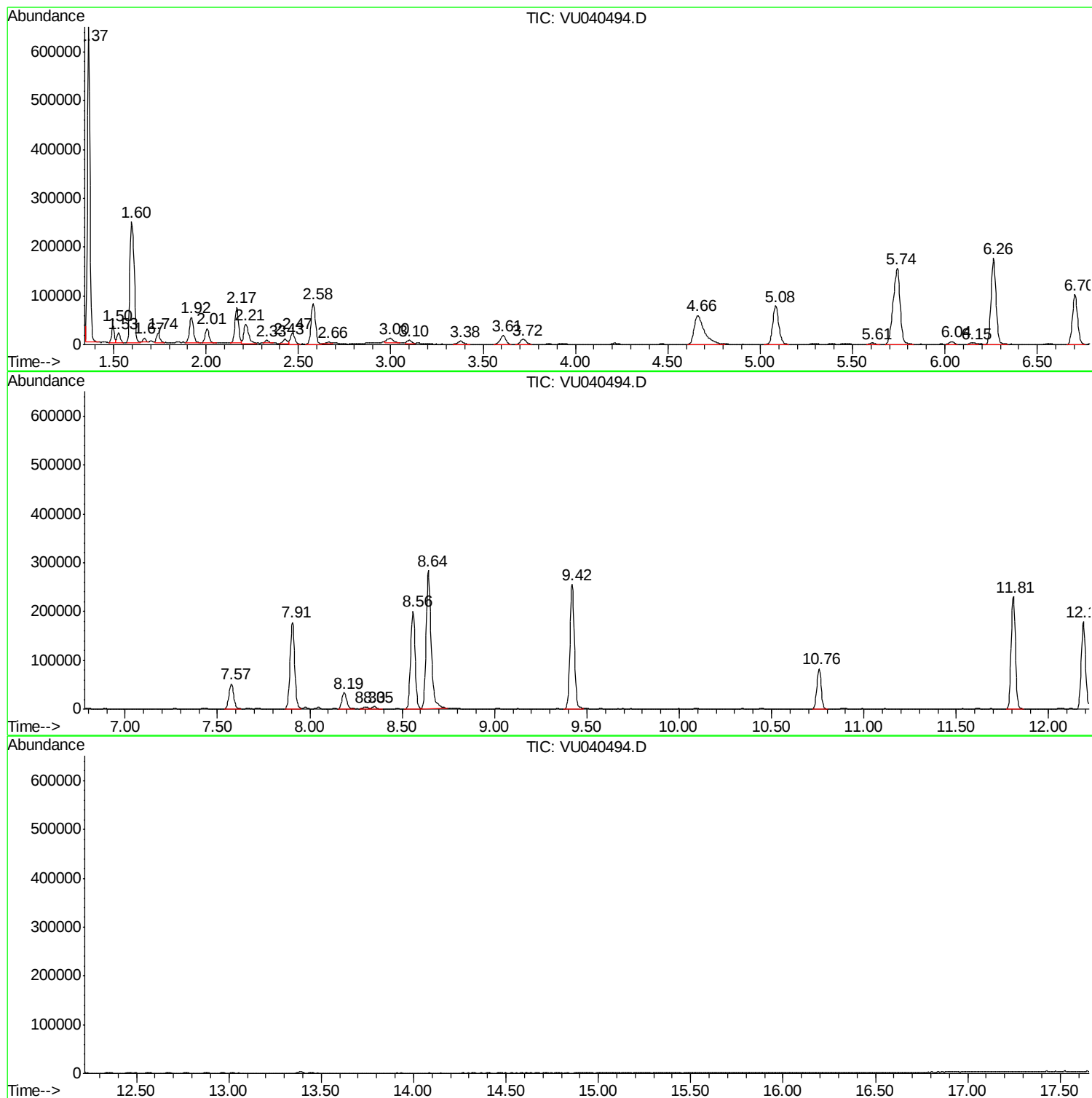
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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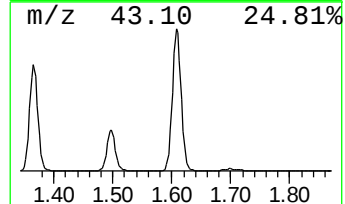
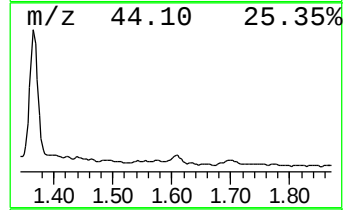
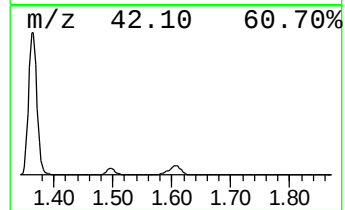
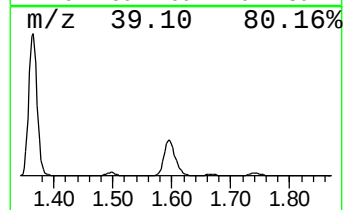
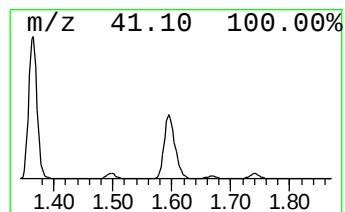
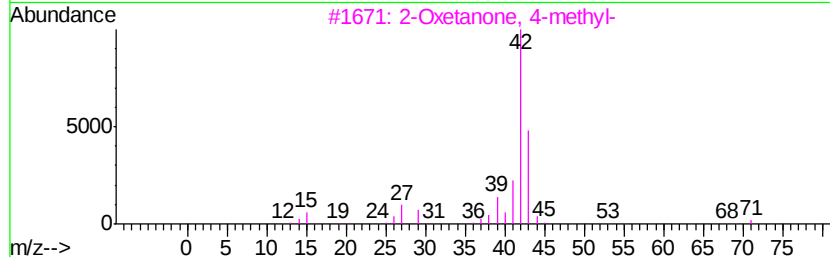
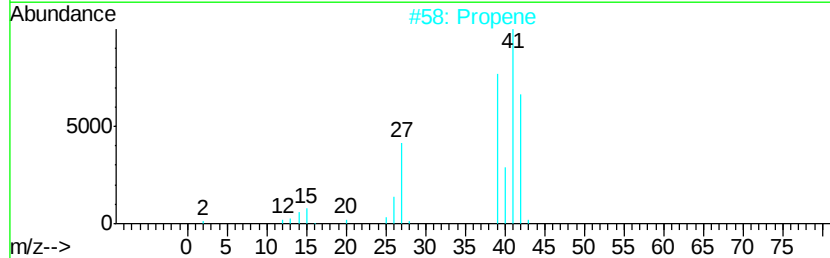
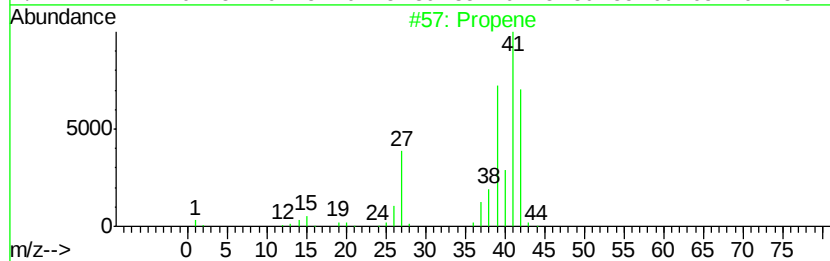
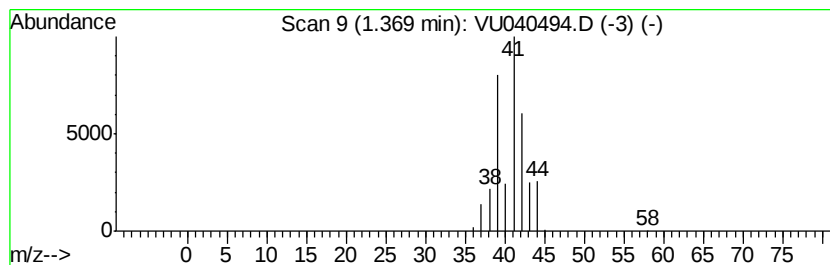
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	9.39 ug/L	624130	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propene	42	C3H6	000115-07-1	90
2		Propene	42	C3H6	000115-07-1	42
3		2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9
4		Cyclopropane	42	C3H6	000075-19-4	9
5		Cyclopropene	40	C3H4	002781-85-3	9



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ClientSampleId :
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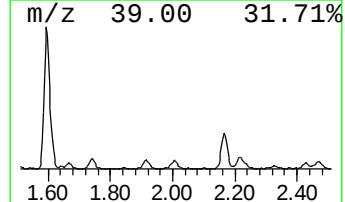
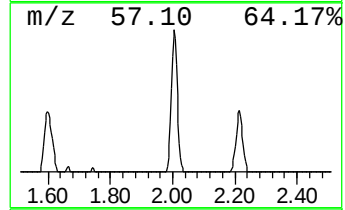
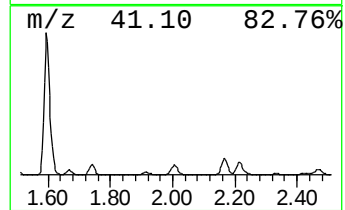
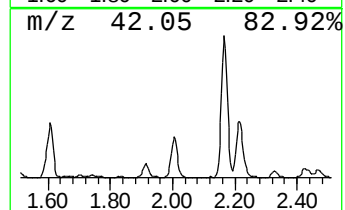
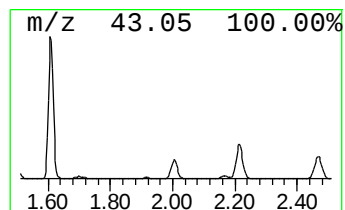
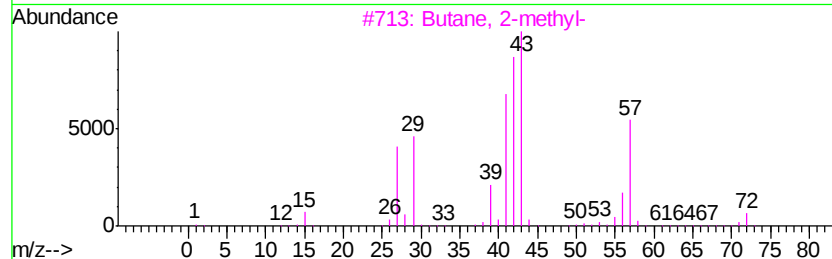
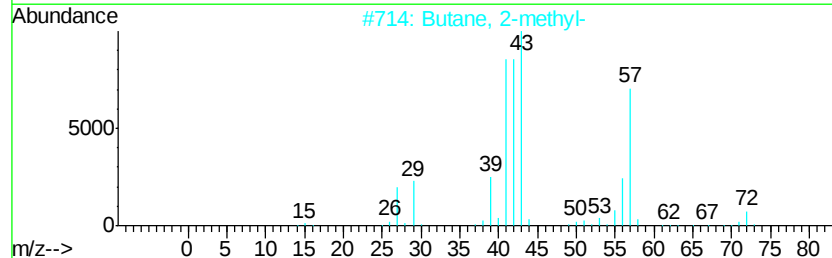
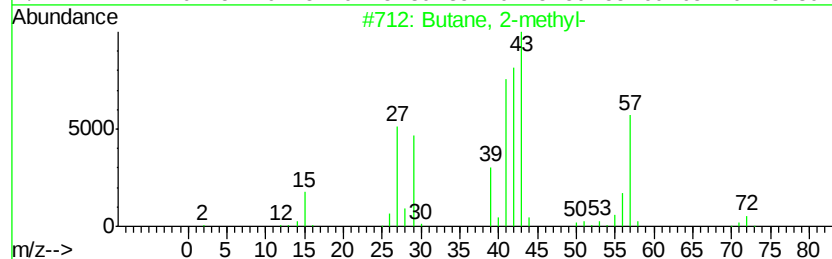
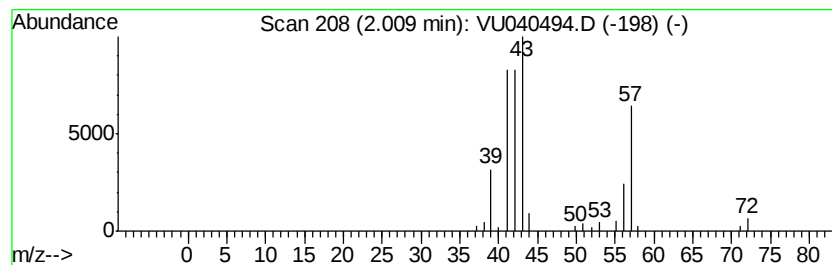
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	0.66 ug/L	43539	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2		Butane, 2-methyl-	72	C5H12	000078-78-4	90
3		Butane, 2-methyl-	72	C5H12	000078-78-4	90
4		3-Buten-1-ol	72	C4H8O	000627-27-0	47
5		Oxirane, trimethyl-	86	C5H10O	005076-19-7	42



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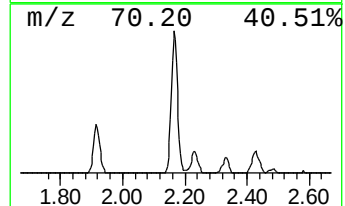
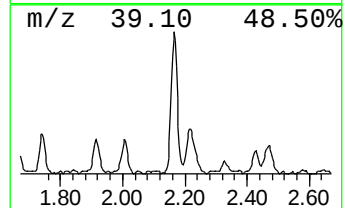
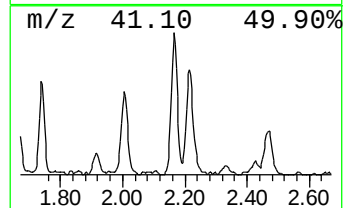
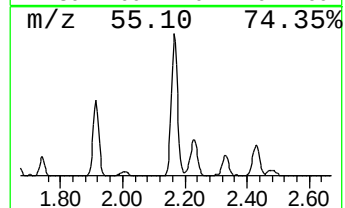
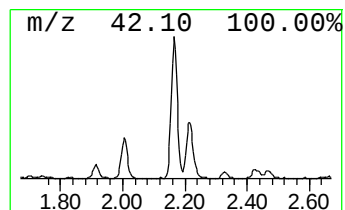
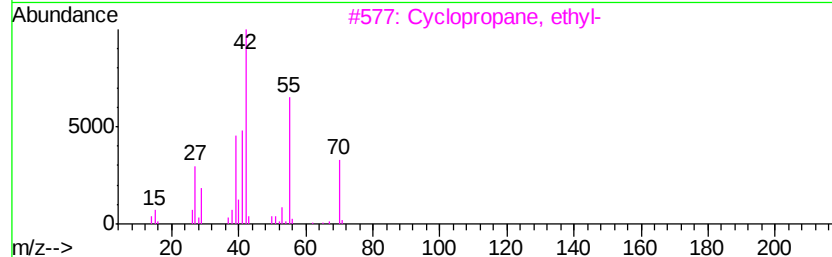
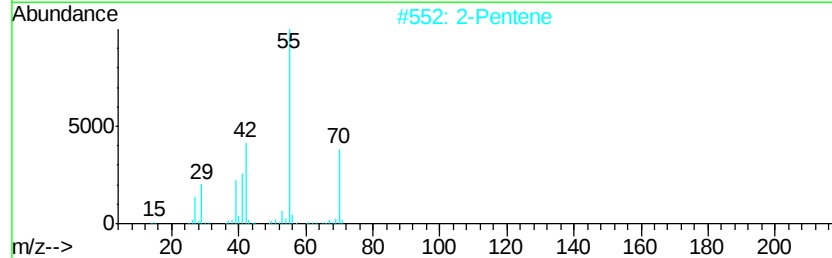
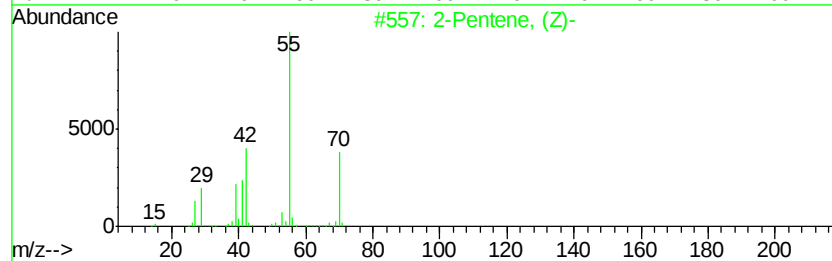
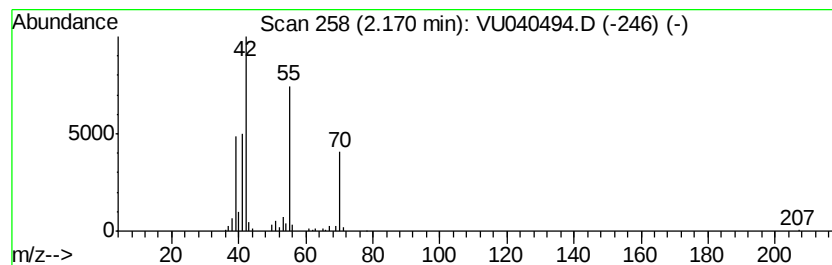
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	1.54 ug/L	102625	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentene, (Z)-	70	C5H10	000627-20-3	87
2		2-Pentene	70	C5H10	000109-68-2	87
3		Cyclopropane, ethyl-	70	C5H10	001191-96-4	86
4		Cyclopropane, ethyl-	70	C5H10	001191-96-4	78
5		Cyclopropane, ethyl-	70	C5H10	001191-96-4	68



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ClientSampleId :
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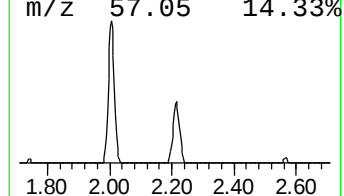
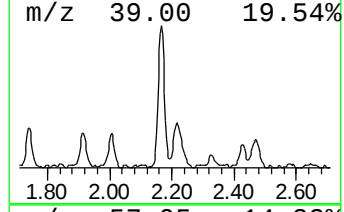
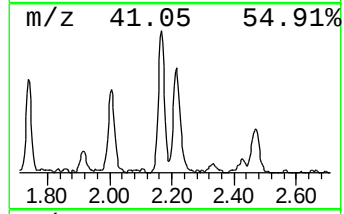
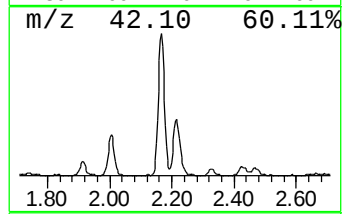
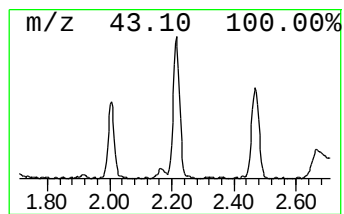
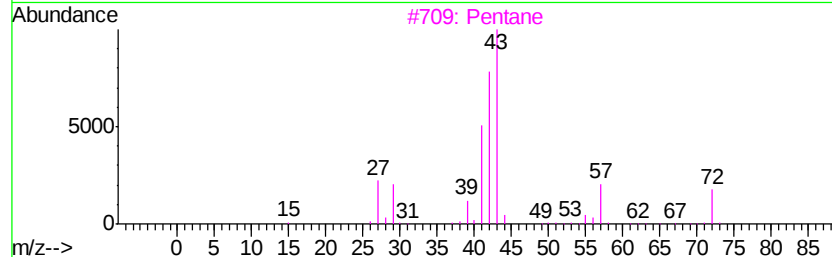
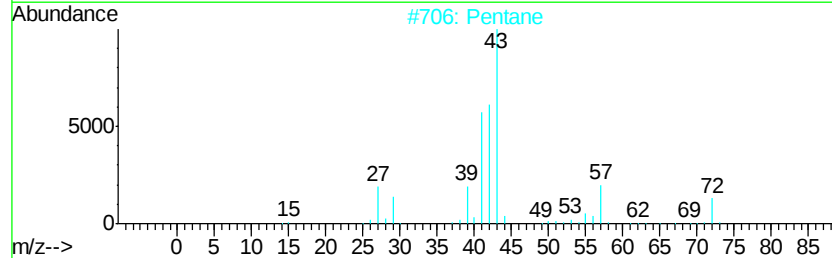
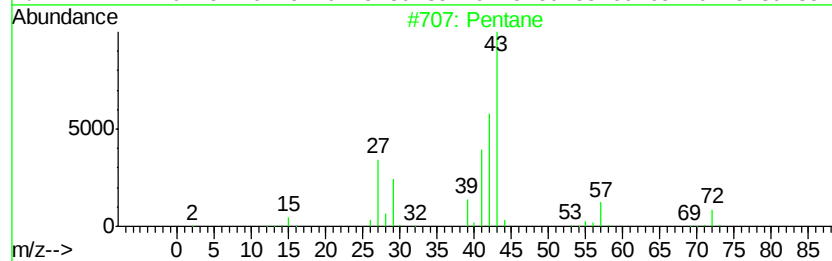
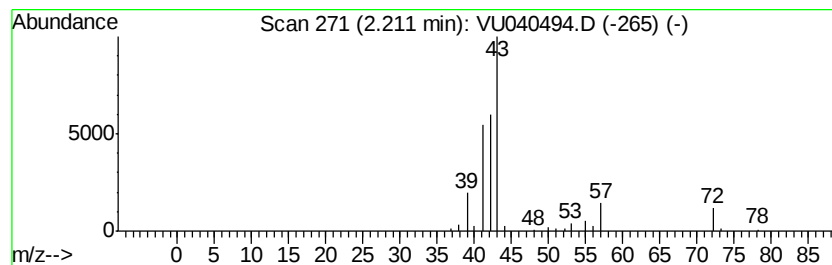
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	1.04 ug/L	68956	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	86
2		Pentane	72	C5H12	000109-66-0	83
3		Pentane	72	C5H12	000109-66-0	64
4		Pentane	72	C5H12	000109-66-0	64
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	50



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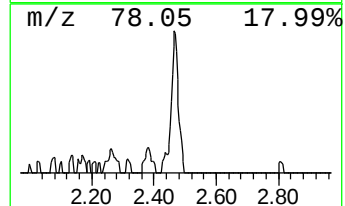
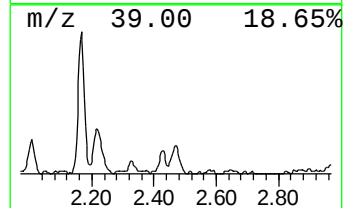
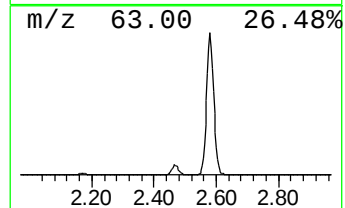
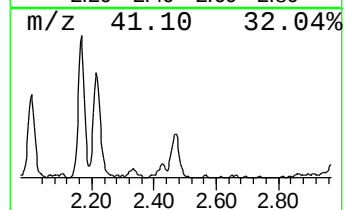
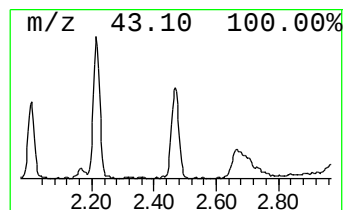
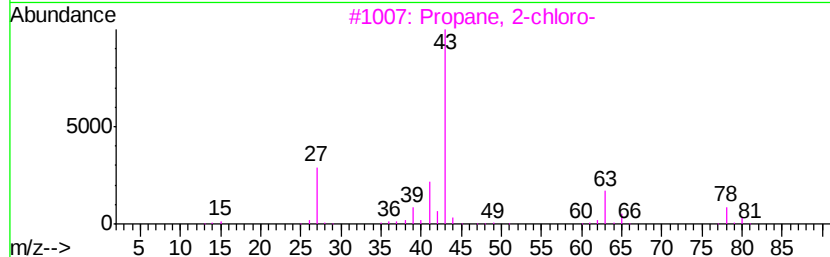
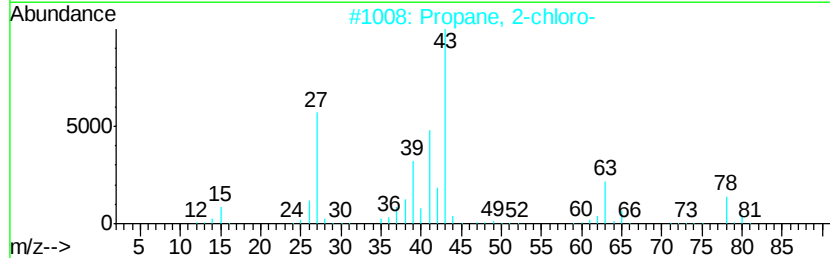
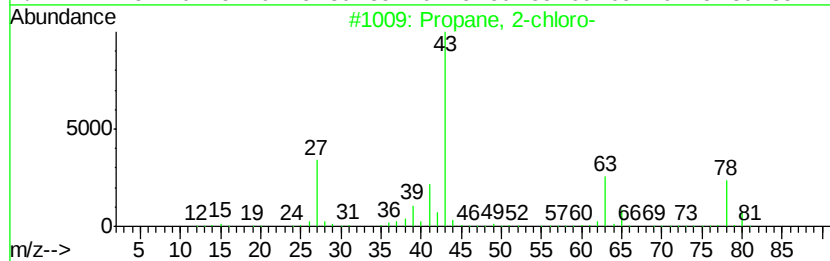
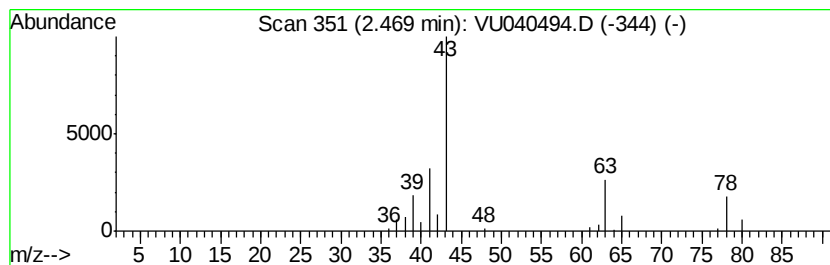
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Propane, 2-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.47	0.57 ug/L	38158	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	78
2		Propane, 2-chloro-	78	C3H7Cl	000075-29-6	64
3		Propane, 2-chloro-	78	C3H7Cl	000075-29-6	59
4		Hydrogen azide	43	HN3	007782-79-8	3
5		Isobutyl chloroformate	136	C5H9ClO2	000543-27-1	2



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100320\
Data File : VU040494.D
Acq On : 03 Oct 2020 20:56
Operator : SY/MD
Sample : L4266-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFSA2

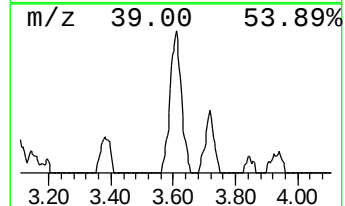
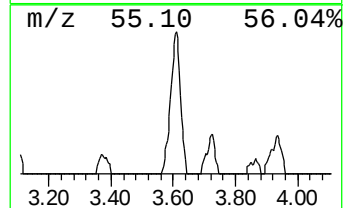
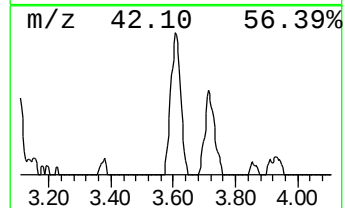
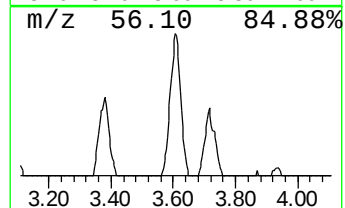
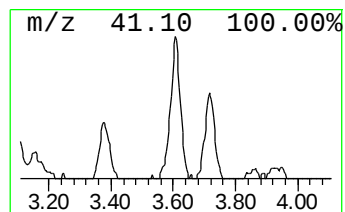
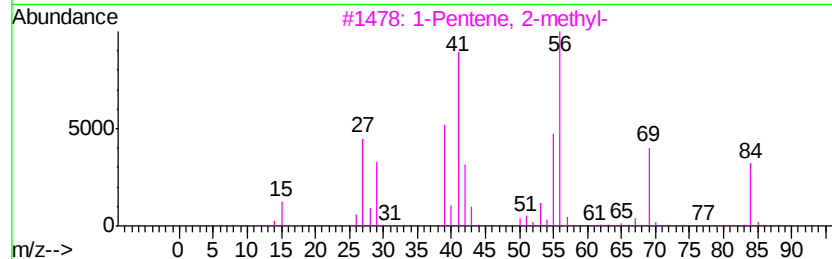
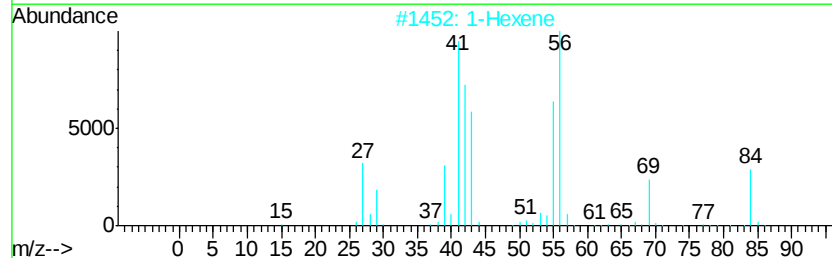
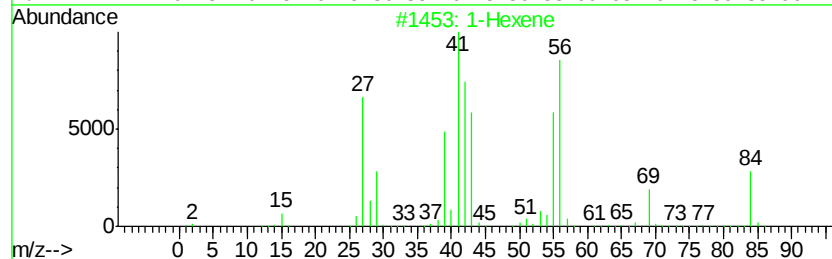
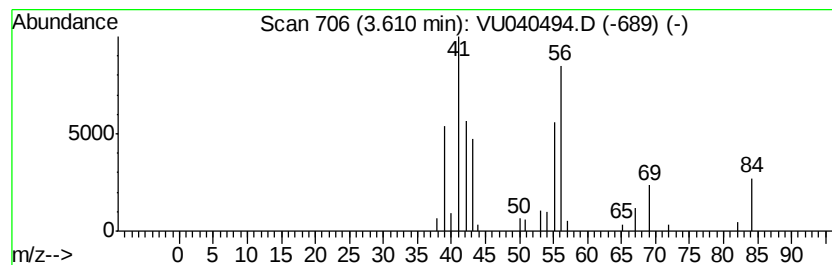
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.60 ug/L	39893	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexene	84	C6H12	000592-41-6	81
2		1-Hexene	84	C6H12	000592-41-6	64
3		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
4		3-Hexene, (E)-	84	C6H12	013269-52-8	62
5		2-Butene, (Z)-	56	C4H8	000590-18-1	52



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100320\
Data File : VU040494.D
Acq On : 03 Oct 2020 20:56
Operator : SY/MD
Sample : L4266-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFSA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.37	9.4	ug/L	624130	1	6.26	332225	5.0
(DEL) Alkane: Str...	2.01	0.7	ug/L	43539	1	6.26	332225	5.0
(DEL) Alkane: Str...	2.17	1.5	ug/L	102625	1	6.26	332225	5.0
(DEL) Alkane: Str...	2.21	1.0	ug/L	68956	1	6.26	332225	5.0
Propane, 2-chloro-	2.47	0.6	ug/L	38158	1	6.26	332225	5.0
(DEL) Alkane: Str...	3.61	0.6	ug/L	39893	1	6.26	332225	5.0