

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047416.D
 Acq On : 09 Mar 2022 19:56
 Operator : SY/MD
 Sample : VIBLK011
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK011

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

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU047416.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.604	74	82	95	rBV	63537	74199	15.76%	1.456%
2	1.919	172	180	194	rBV	45224	61788	13.13%	1.213%
3	2.575	371	384	403	rVB	112796	183235	38.93%	3.596%
4	3.054	522	533	546	rBV2	9480	18459	3.92%	0.362%
5	4.645	1012	1028	1070	rBV2	42637	154280	32.78%	3.028%
6	5.066	1144	1159	1177	rBV	77097	167624	35.61%	3.290%
7	5.729	1344	1365	1388	rBV2	163911	414793	88.12%	8.141%
8	6.253	1512	1528	1546	rBV	196677	370654	78.74%	7.274%
9	6.693	1651	1665	1685	rVB	94536	184240	39.14%	3.616%
10	7.568	1924	1937	1953	rBV2	53779	95190	20.22%	1.868%
11	7.899	2026	2040	2058	rBV	218308	377764	80.25%	7.414%
12	8.182	2113	2128	2142	rBV	32997	56714	12.05%	1.113%
13	8.475	2209	2219	2228	rBV2	4427	7668	1.63%	0.150%
14	8.635	2257	2269	2308	rBV	213986	425934	90.49%	8.359%
15	8.783	2308	2315	2327	rVB6	3227	6102	1.30%	0.120%
16	9.417	2497	2512	2542	rBV	269041	455427	96.75%	8.938%
17	10.758	2915	2929	2944	rBV	78431	127588	27.10%	2.504%
18	10.893	2960	2971	2981	rBV2	8719	14920	3.17%	0.293%
19	11.690	3210	3219	3233	rBV7	3516	5836	1.24%	0.115%
20	11.812	3244	3257	3278	rBV	291807	470720	100.00%	9.238%
21	12.195	3361	3376	3395	rBV	212518	342930	72.85%	6.730%
22	12.770	3547	3555	3565	rBV2	5606	9041	1.92%	0.177%
23	12.889	3580	3592	3600	rBV3	7316	11262	2.39%	0.221%
24	13.429	3750	3760	3785	rBV6	11998	25906	5.50%	0.508%
25	13.587	3797	3809	3817	rBV3	8288	15619	3.32%	0.307%
26	14.047	3944	3952	3959	rBV6	6818	10689	2.27%	0.210%
27	14.092	3961	3966	3972	rVV3	5004	5521	1.17%	0.108%
28	14.188	3985	3996	4009	rBV3	21145	41477	8.81%	0.814%
29	14.269	4012	4021	4037	rVB10	6495	13615	2.89%	0.267%
30	14.449	4068	4077	4086	rBV	79801	110902	23.56%	2.177%
31	14.571	4110	4115	4124	rVB3	9682	12261	2.60%	0.241%
32	14.648	4133	4139	4146	rBV3	8285	12235	2.60%	0.240%
33	14.941	4226	4230	4235	rBV4	6389	7624	1.62%	0.150%
34	15.021	4251	4255	4260	rBV3	7768	8635	1.83%	0.169%
35	15.066	4263	4269	4278	rVB4	26803	41630	8.84%	0.817%
36	15.146	4287	4294	4304	rVB2	20131	30440	6.47%	0.597%

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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

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Title : TRACE VOA SFAM1.0

37	15.208	4305	4313	4326	rBV	65841	96667	20.54%	1.897%
38	15.400	4363	4373	4382	rBV	202746	286381	60.84%	5.620%
39	15.976	4545	4552	4566	rVV	91950	128964	27.40%	2.531%
40	16.047	4567	4574	4587	rVB5	25404	44822	9.52%	0.880%
41	16.291	4642	4650	4660	rVB	119950	165615	35.18%	3.250%

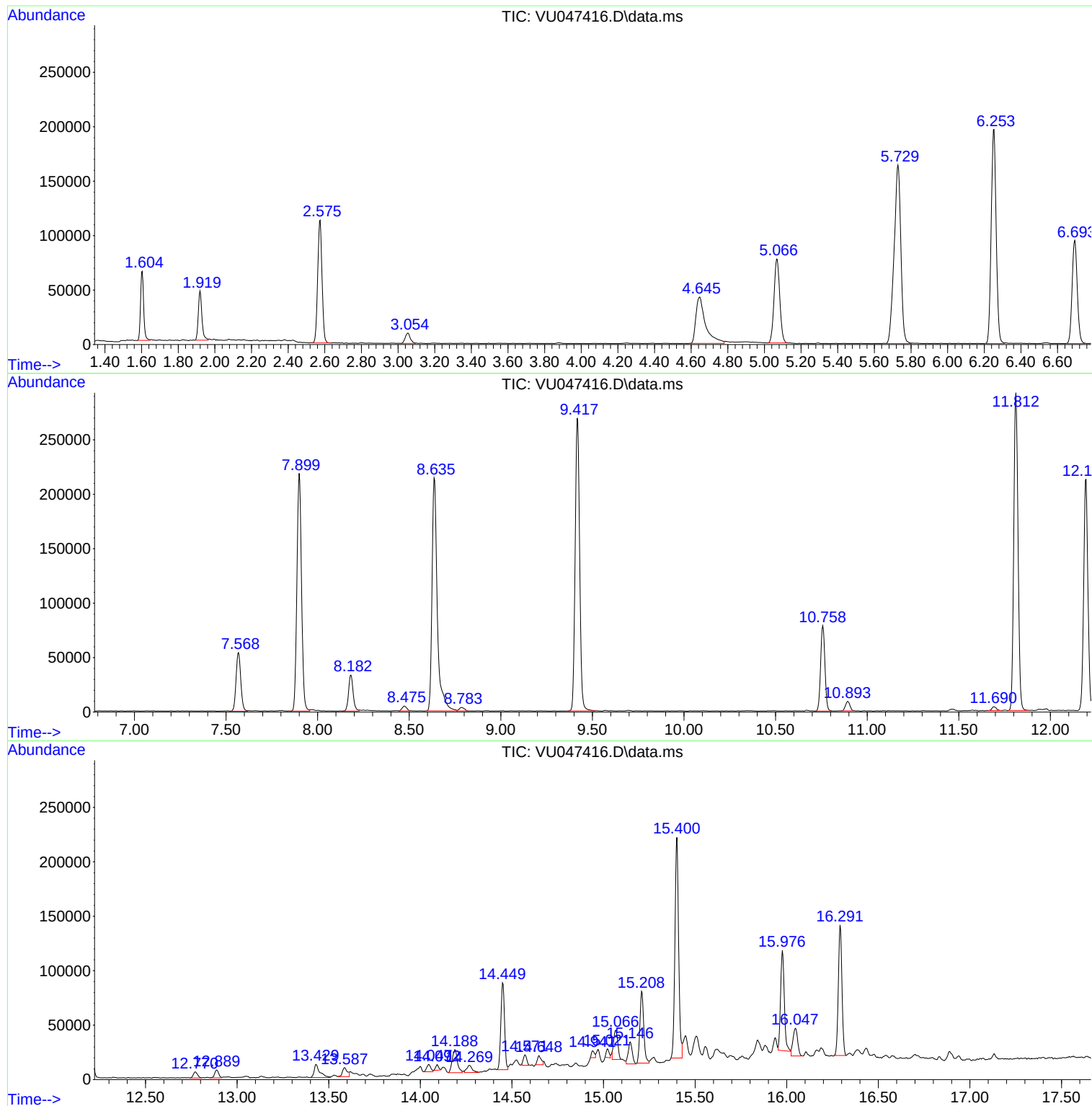
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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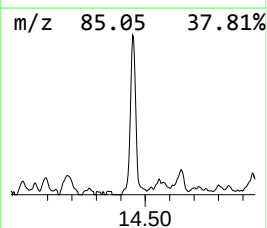
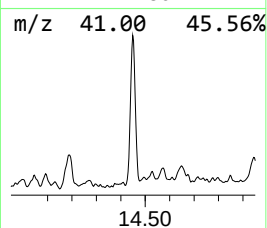
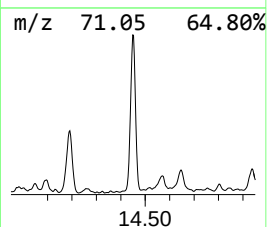
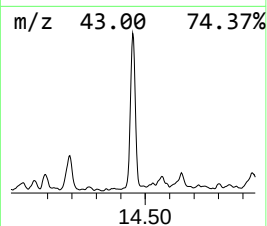
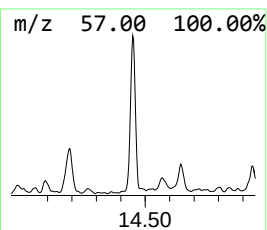
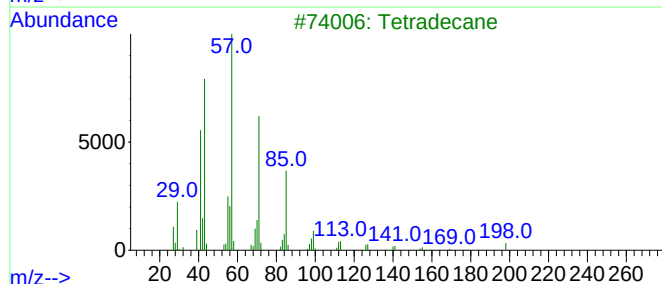
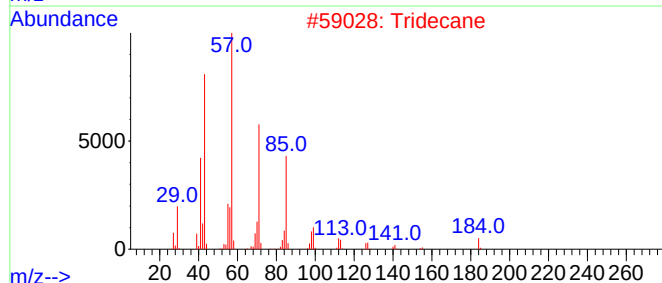
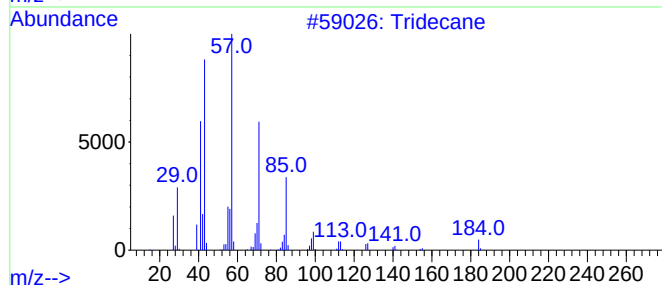
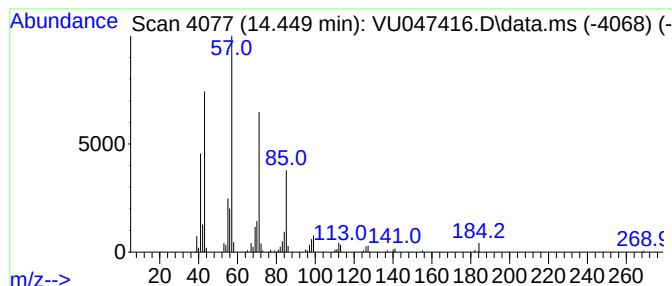
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.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.
14.449	1.18 ug/L	110902	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	97
2			Tridecane	184	C13H28	000629-50-5	96
3			Tetradecane	198	C14H30	000629-59-4	91
4			Tridecane	184	C13H28	000629-50-5	91
5			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90



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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK011

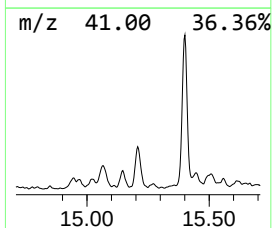
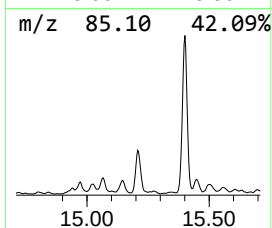
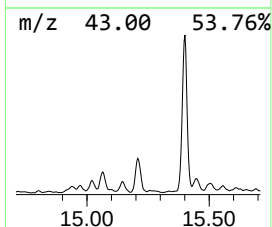
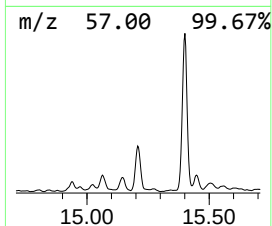
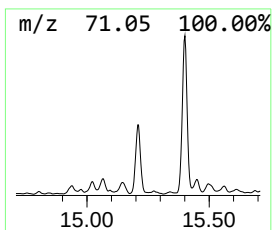
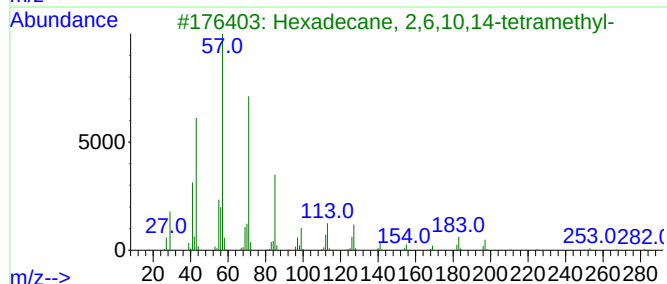
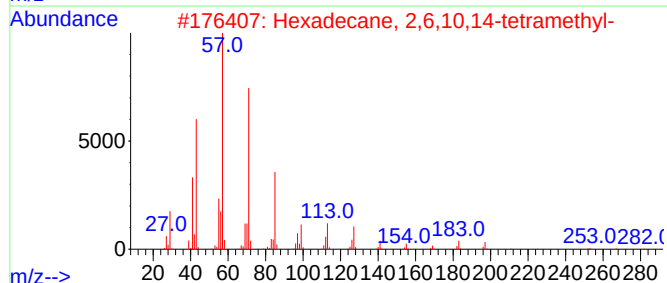
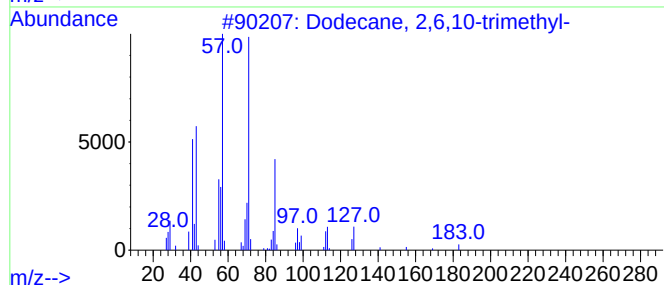
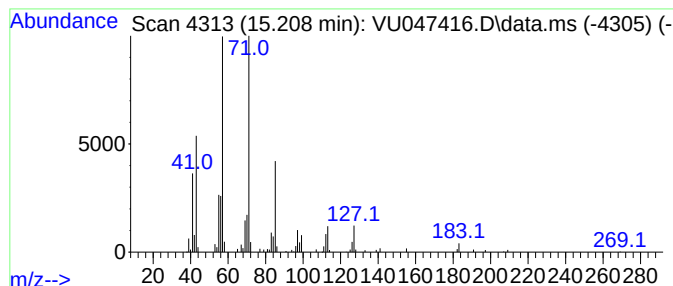
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.208	1.03 ug/L	96667	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78



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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK011

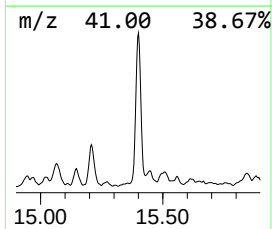
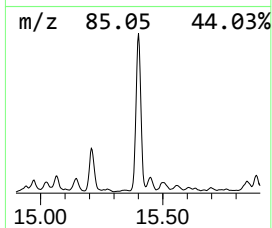
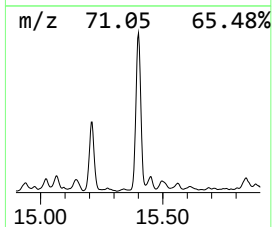
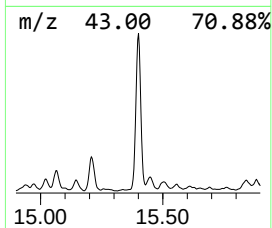
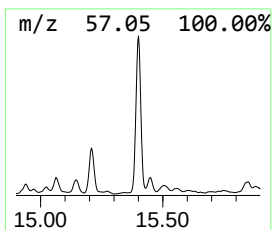
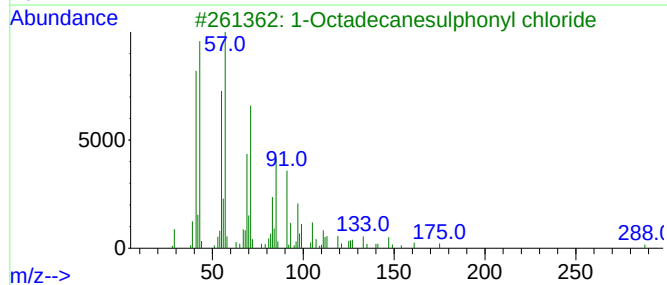
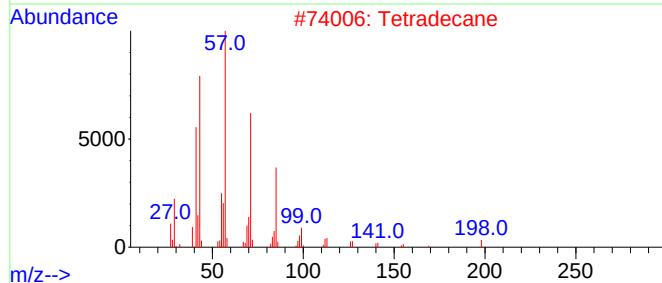
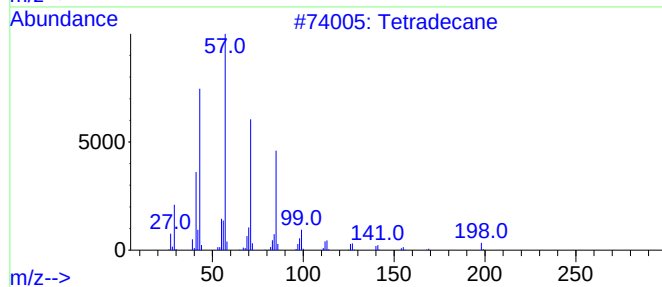
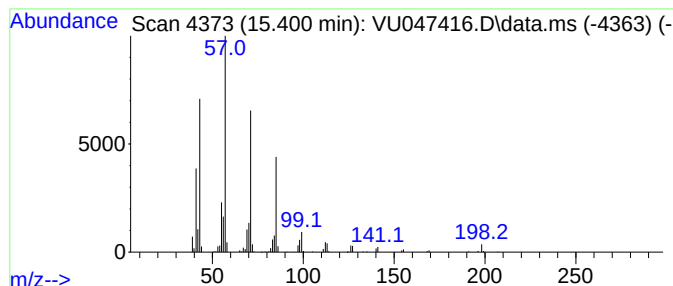
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.400	3.04 ug/L	286381	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	98
2			Tetradecane	198	C14H30	000629-59-4	96
3			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Tridecane	184	C13H28	000629-50-5	87



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Instrument :
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ClientSampleId :
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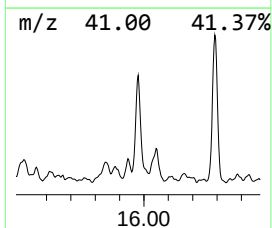
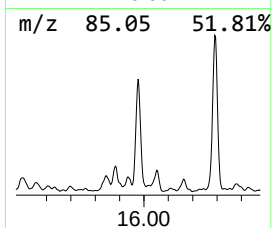
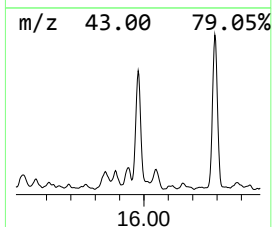
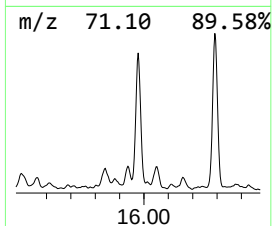
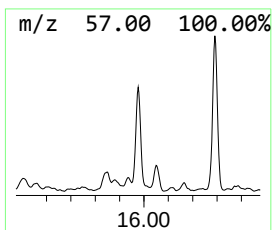
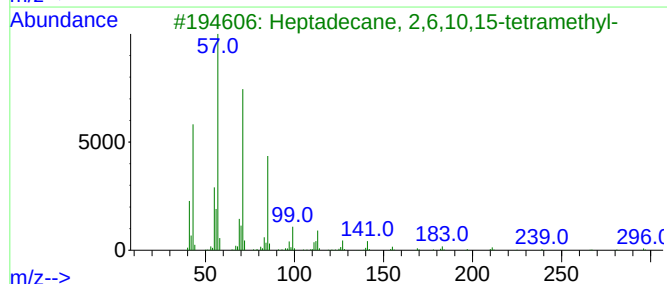
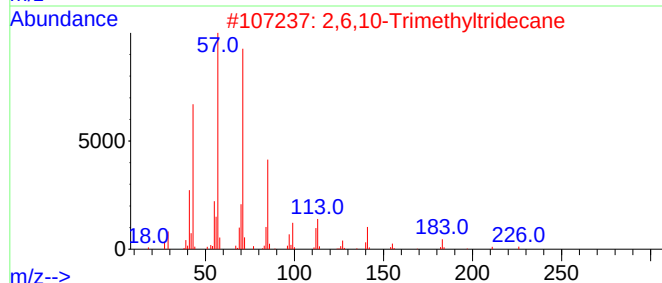
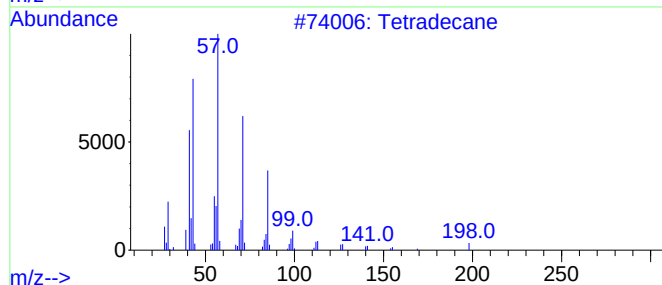
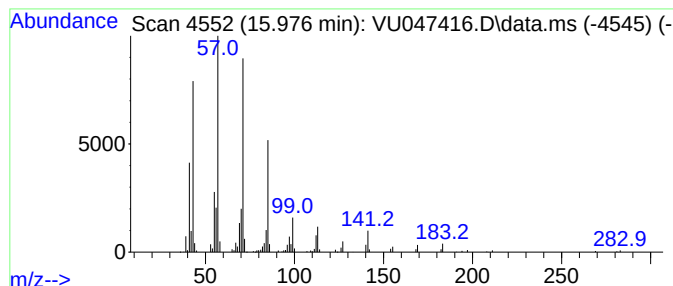
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.976	1.37 ug/L	128964	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	83
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5	Hexadecane	226	C16H34	000544-76-3	80



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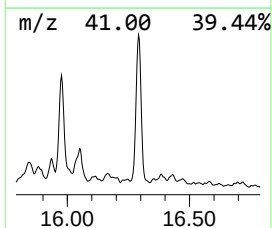
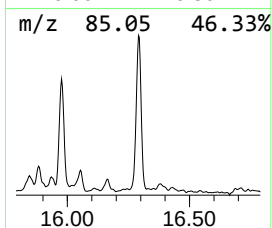
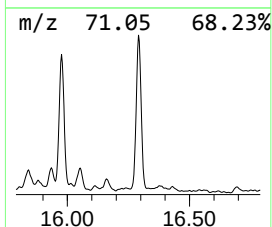
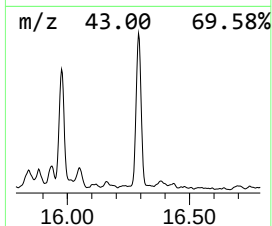
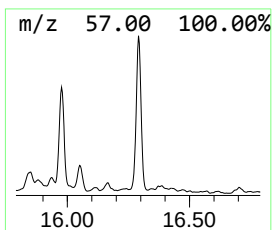
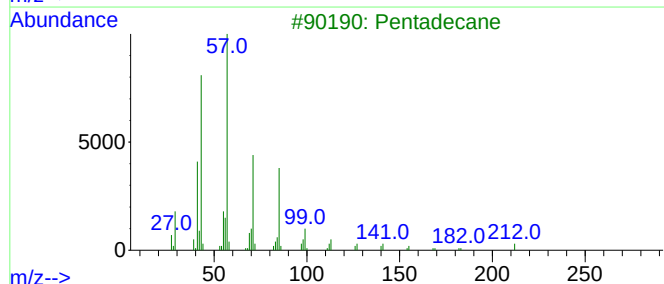
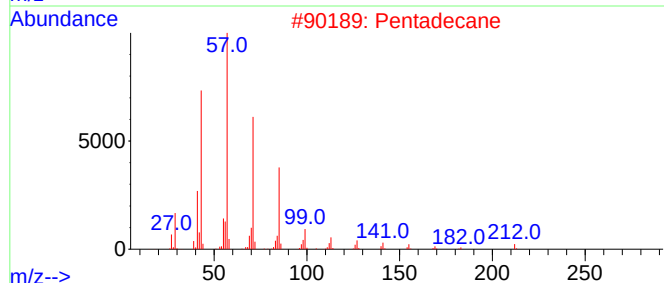
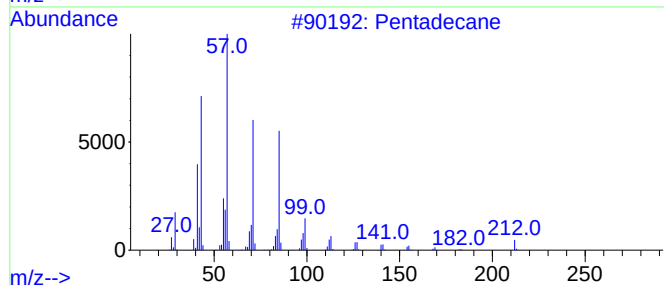
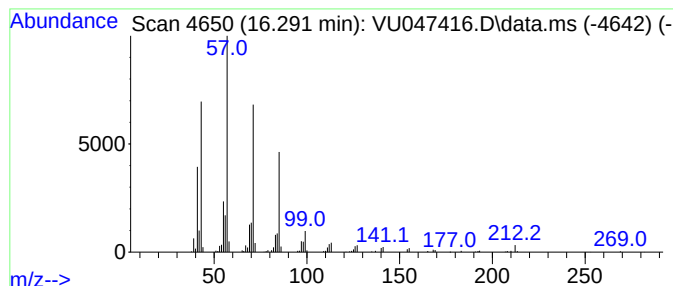
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.291	1.76 ug/L	165615	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	96
2			Pentadecane	212	C15H32	000629-62-9	93
3			Pentadecane	212	C15H32	000629-62-9	92
4			Tetradecane	198	C14H30	000629-59-4	91
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047416.D
Acq On : 09 Mar 2022 19:56
Operator : SY/MD
Sample : VIBLK011
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK011

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard--				
TIC Top	Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL)	Alkane: S...	14.449	1.2	ug/L	110902	3	11.812	470720	5.0
(DEL)	Alkane: S...	15.208	1.0	ug/L	96667	3	11.812	470720	5.0
(DEL)	Alkane: S...	15.400	3.0	ug/L	286381	3	11.812	470720	5.0
(DEL)	Alkane: S...	15.976	1.4	ug/L	128964	3	11.812	470720	5.0
(DEL)	Alkane: S...	16.291	1.8	ug/L	165615	3	11.812	470720	5.0