LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
Data File : VV027568.D
Acq On : 29 Aug 2022 17:34
Operator : SY/MD
Sample : N4366-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5F16

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_V\Method\SFAMVTR081922WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV027568.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.108	17	21	37	rVB	78801	81602	19.39%	1.871%
2	1.214	48	54	64	rVB	61441	51959	12.35%	1.191%
3	1.307	76	83	94	rBV	112384	112102	26.63%	2.570%
4	1.568	157	164	173	rBV	56050	64502	15.33%	1.479%
5	1.632	176	184	197	rVB	73296	88279	20.97%	2.024%
6	1.802	229	237	247	rBV	54883	69530	16.52%	1.594%
7	2.105	322	331	343	rBV	109686	156838	37.26%	3.596%
8	2.529	442	463	472	rBV2	14196	32762	7.78%	0.751%
9	2.577	472	478	488	rVB4	5083	8138	1.93%	0.187%
10	2.757	521	534	549	rBV2	9343	19050	4.53%	0.437%
11	3.040	609	622	635	rBV5	11290	23878	5.67%	0.548%
12	3.760	830	846	861	rBV8	7901	18476	4.39%	0.424%
13	3.899	879	889	929	rBV	29803	116153	27.60%	2.663%
14	4.349	1011	1029	1050	rBV3	62742	169668	40.31%	3.890%
15	4.674	1115	1130	1145	rBV7	13124	33072	7.86%	0.758%
16	4.908	1191	1203	1214	rBV3	4120	10112	2.40%	0.232%
17	5.047	1229	1246	1257	rBV2	139197	344499	81.85%	7.899%
18	5.493	1374	1385	1398	rBV6	4837	10523	2.50%	0.241%
19	5.616	1411	1423	1455	rBV	136277	293508	69.74%	6.730%
20	5.921	1506	1518	1538	rBV6	10967	23946	5.69%	0.549%
21	6.069	1551	1564	1576	rBV2	79318	172449	40.97%	3.954%
22	6.127	1577	1582	1597	rVB4	22995	44124	10.48%	1.012%
23	6.355	1645	1653	1668	rVB10	3107	5957	1.42%	0.137%
24	6.992	1837	1851	1871	rBV3	20614	43879	10.43%	1.006%
25	7.259	1926	1934	1937	rBV4	4916	5635	1.34%	0.129%
26	7.317	1942	1952	1966	rVV	152764	277613	65.96%	6.366%
27	7.390	1966	1975	1991	rVB	81032	145743	34.63%	3.342%
28	7.567	2023	2030	2040	rBV	3160	5911	1.40%	0.136%
29	7.628	2042	2049	2068	rVB2	15478	40105	9.53%	0.920%
30	7.976	2147	2157	2174	rVB3	29602	55087	13.09%	1.263%
31	8.091	2184	2193	2226	rBV3	166868	393092	93.40%	9.014%
32	8.246	2234	2241	2250	rBV4	14641	26337	6.26%	0.604%
33	8.850	2419	2429	2453	rBV	244467	420888	100.00%	9.651%
34	9.017	2470	2481	2495	rBV	24444	42486	10.09%	0.974%
35	9.140	2507	2519	2534	rBV	56298	97314	23.12%	2.231%
36	9.545	2636	2645	2660	rBV	20888	36240	8.61%	0.831%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
Data File : VV027568.D
Acq On : 29 Aug 2022 17:34
Operator : SY/MD
Sample : N4366-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5F16

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_V\Method\SFAMVTR081922WMA.M
Title : TRACE VOA SFAM1.0

37	9.937	2756	2767	2773	rBV7	3385	4905	1.17%	0.112%
38	10.217	2843	2854	2870	rBV	70961	113946	27.07%	2.613%
39	10.355	2891	2897	2906	rBV2	3789	5265	1.25%	0.121%
40	10.448	2917	2926	2941	rBV3	13422	29967	7.12%	0.687%
41	10.541	2946	2955	2964	rBV3	11512	17419	4.14%	0.399%
42	10.738	3009	3016	3027	rBV4	5229	8840	2.10%	0.203%
43	10.914	3062	3071	3085	rBV	26074	41349	9.82%	0.948%
44	11.249	3164	3175	3193	rBV	197368	318470	75.67%	7.302%
45	11.339	3194	3203	3215	rVB2	12635	21304	5.06%	0.488%
46	11.625	3281	3292	3311	rVB	137407	231165	54.92%	5.301%
47	12.021	3405	3415	3422	rBV5	3620	5304	1.26%	0.122%
48	12.348	3511	3517	3525	rVB7	3976	5794	1.38%	0.133%
49	12.467	3545	3554	3565	rVB3	5766	8586	2.04%	0.197%
50	12.882	3675	3683	3690	rVB6	5075	7343	1.74%	0.168%

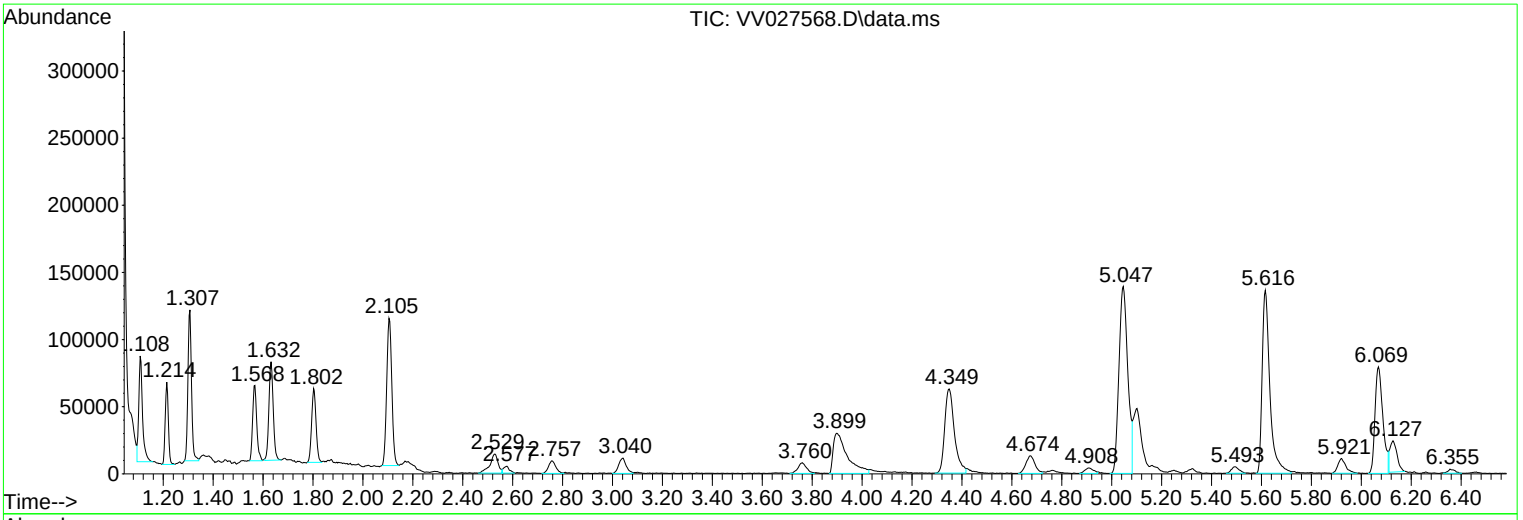
Sum of corrected areas: 4361114

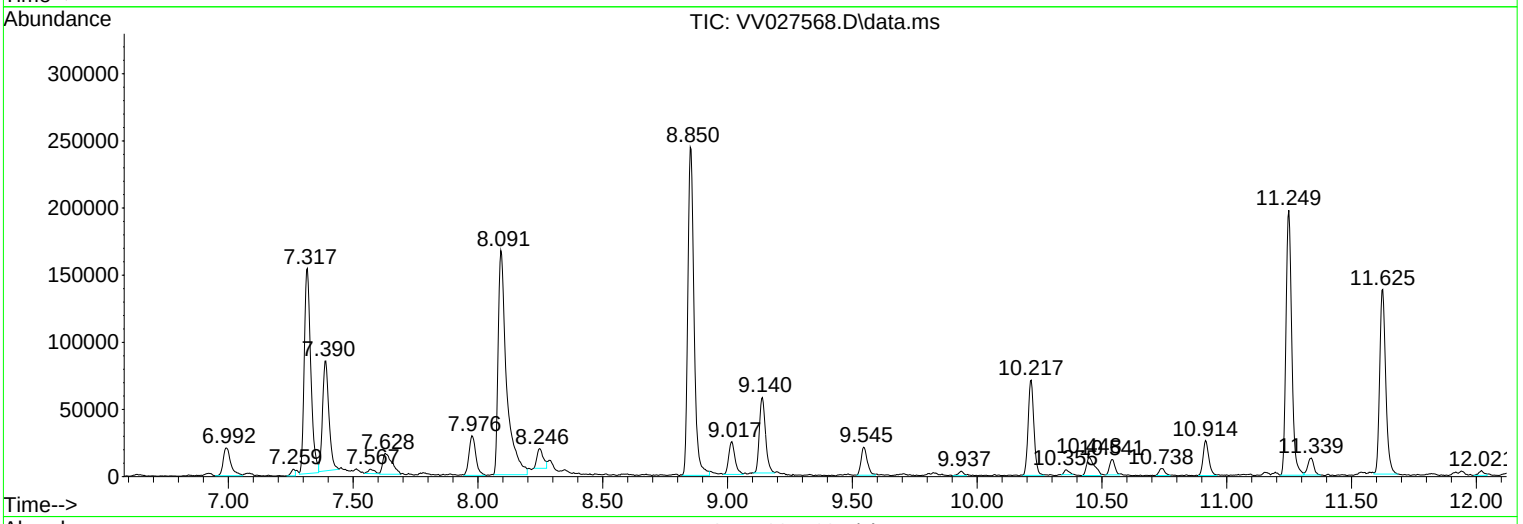
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
Data File : VV027568.D
Acq On : 29 Aug 2022 17:34
Operator : SY/MD
Sample : N4366-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

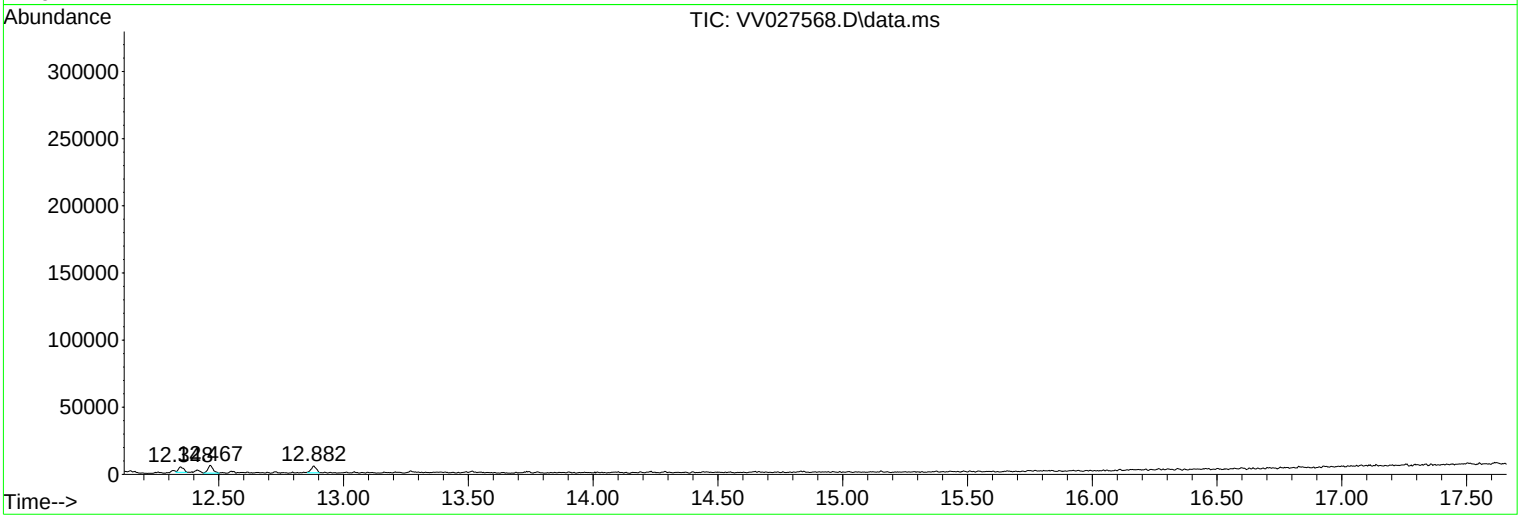
Instrument :
MSVOA_V
ClientSampleId :
F5F16

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
Data File : VV027568.D
Acq On : 29 Aug 2022 17:34
Operator : SY/MD
Sample : N4366-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5F16

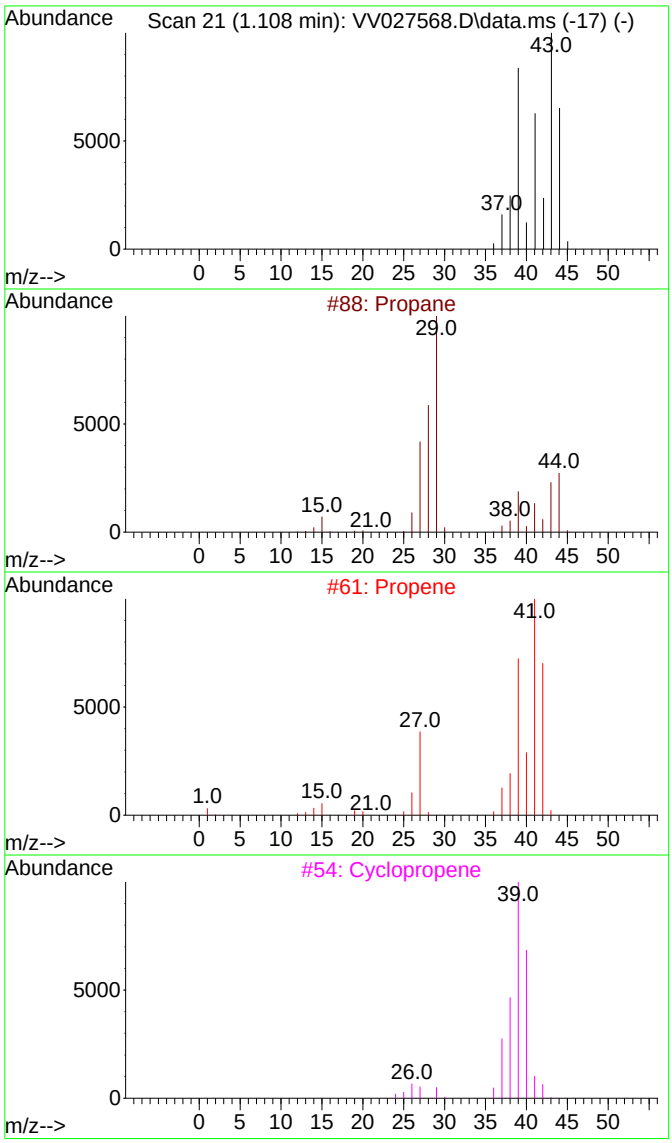
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0

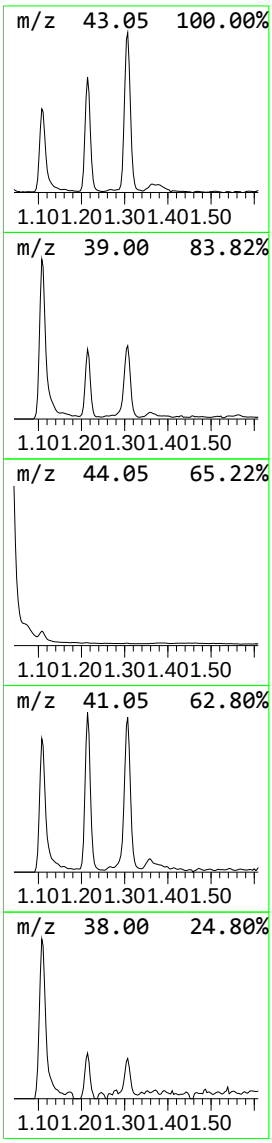
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.108	1.39 ug/L	81602	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	43
2	Propene	42	C3H6	000115-07-1	9
3	Cyclopropene	40	C3H4	002781-85-3	4
4	Propane	44	C3H8	000074-98-6	4
5	Propane	44	C3H8	000074-98-6	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
Data File : VV027568.D
Acq On : 29 Aug 2022 17:34
Operator : SY/MD
Sample : N4366-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5F16

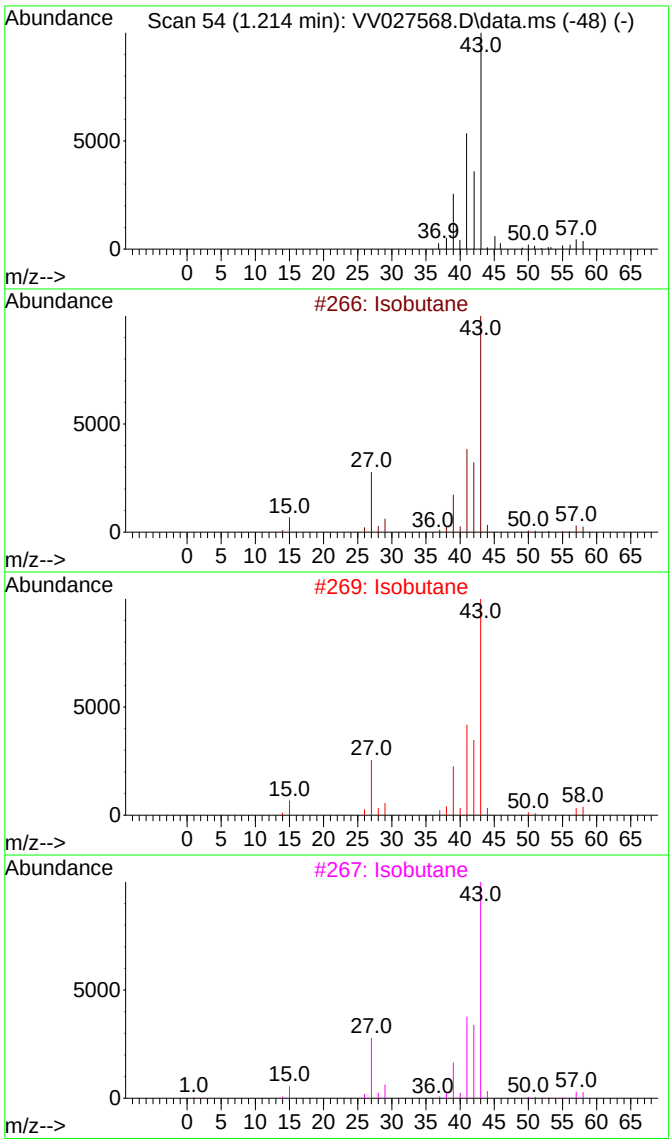
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0

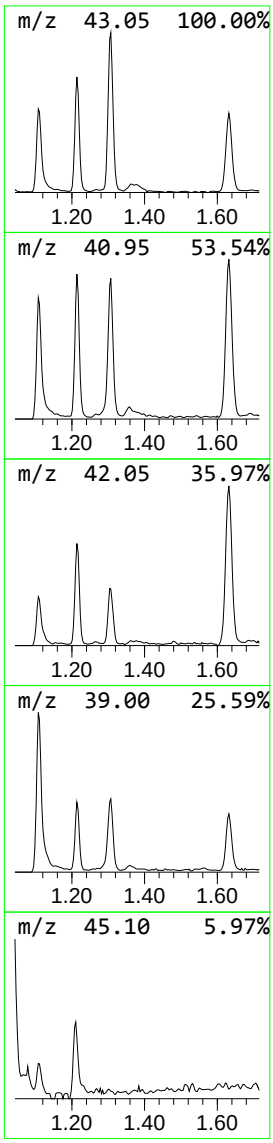
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.214	0.89 ug/L	51959	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	59
2	Isobutane	58	C4H10	000075-28-5	59
3	Isobutane	58	C4H10	000075-28-5	45
4	Isobutane	58	C4H10	000075-28-5	45
5	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
Data File : VV027568.D
Acq On : 29 Aug 2022 17:34
Operator : SY/MD
Sample : N4366-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5F16

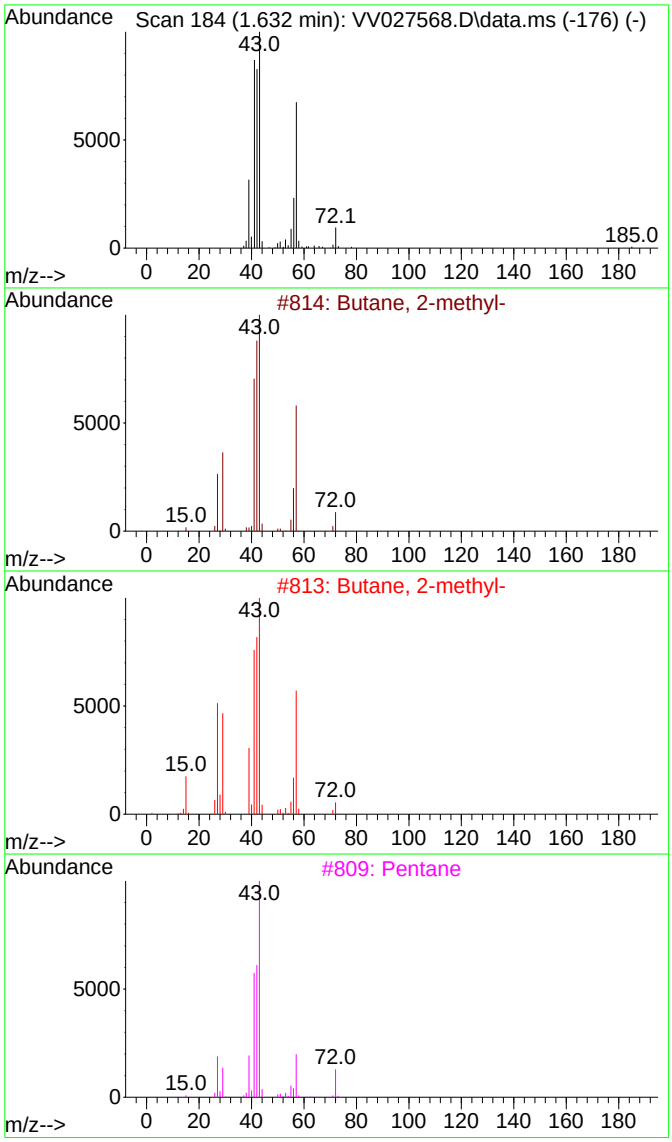
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0

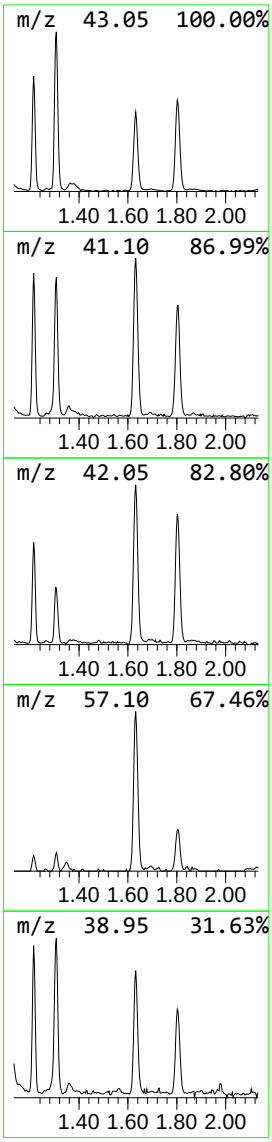
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.632	1.50 ug/L	88279	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	Pentane	72	C5H12	000109-66-0	33
4	3-Buten-1-ol	72	C4H8O	000627-27-0	28
5	Butane, 1-isocyano-	83	C5H9N	002769-64-4	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
Data File : VV027568.D
Acq On : 29 Aug 2022 17:34
Operator : SY/MD
Sample : N4366-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5F16

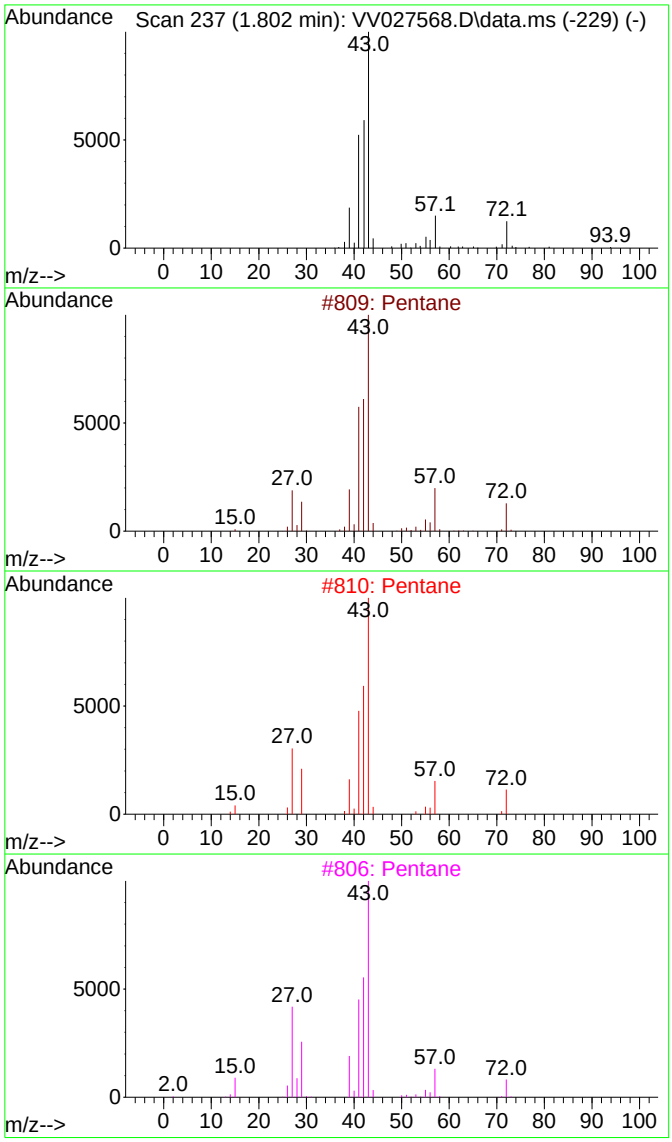
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0

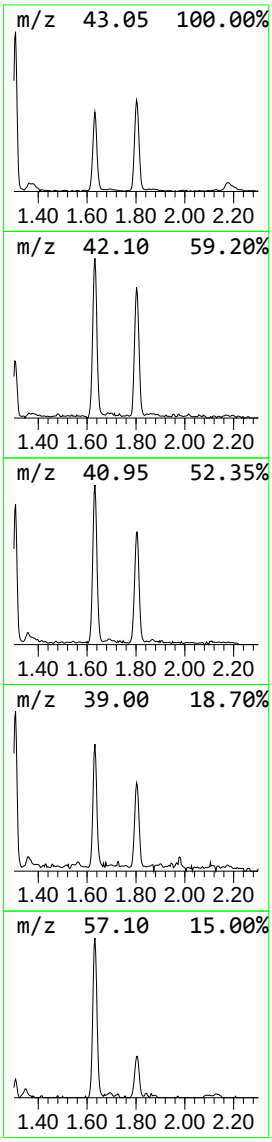
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.802	1.18 ug/L	69530	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	91
3	Pentane	72	C5H12	000109-66-0	90
4	Pentane	72	C5H12	000109-66-0	90
5	Pentane	72	C5H12	000109-66-0	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
Data File : VV027568.D
Acq On : 29 Aug 2022 17:34
Operator : SY/MD
Sample : N4366-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5F16

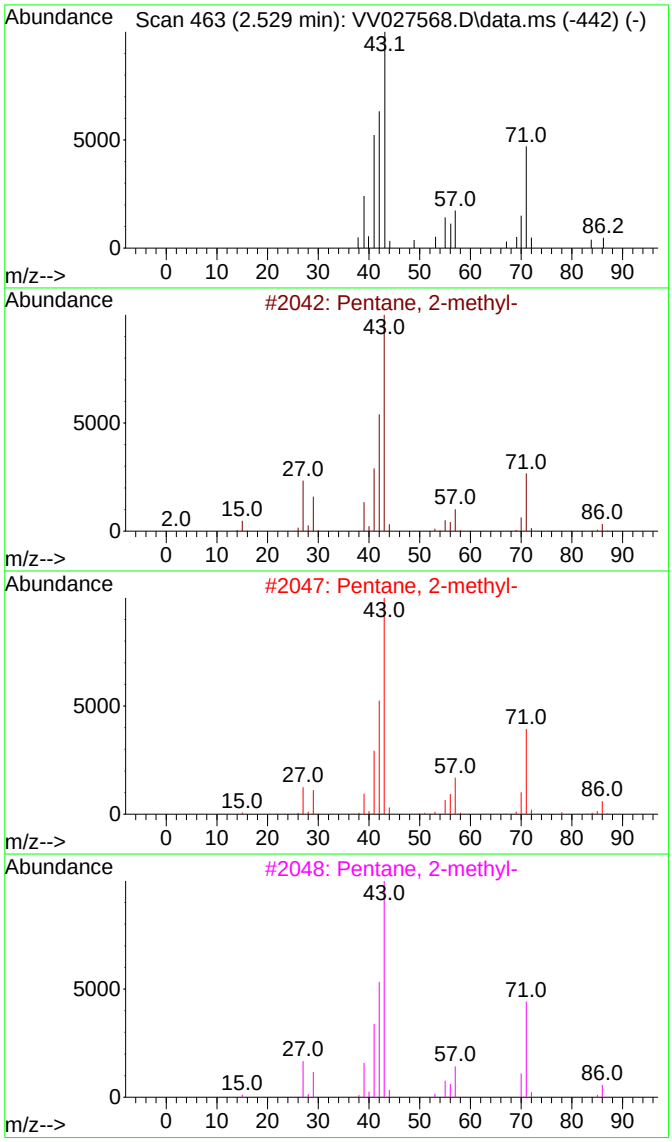
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0

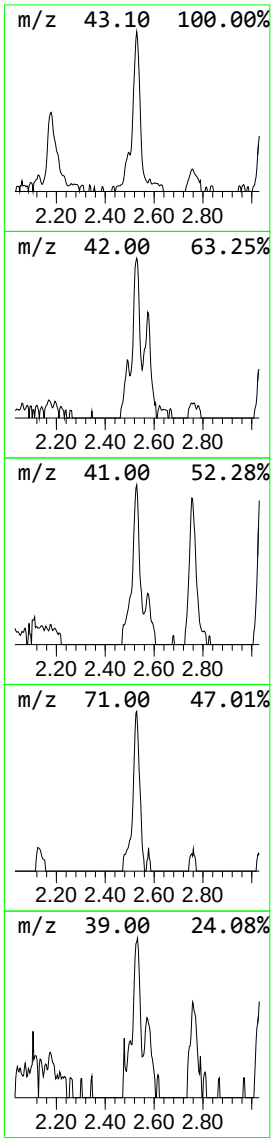
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.529	0.56 ug/L	32762	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	86
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	86
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	78
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
Data File : VV027568.D
Acq On : 29 Aug 2022 17:34
Operator : SY/MD
Sample : N4366-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5F16

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.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...	1.108	1.4	ug/L	81602	1	5.616	293508	5.0
(DEL) Alkane: S...	1.214	0.9	ug/L	51959	1	5.616	293508	5.0
(DEL) Alkane: S...	1.632	1.5	ug/L	88279	1	5.616	293508	5.0
(DEL) Alkane: S...	1.802	1.2	ug/L	69530	1	5.616	293508	5.0
(DEL) Alkane: S...	2.529	0.6	ug/L	32762	1	5.616	293508	5.0