LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032422\
Data File : VV025150.D
Acq On : 24 Mar 2022 14:53
Operator : SY/MD
Sample : N2044-11
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY34

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\SFAMVTR031522WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV025150.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.111	17	22	34	rVV2	8468	8142	1.39%	0.138%
2	1.179	38	43	51	rVB2	10402	10319	1.76%	0.175%
3	1.307	73	83	99	rBV	106345	115647	19.73%	1.956%
4	1.568	156	164	178	rVB	80922	91676	15.64%	1.551%
5	1.809	232	239	250	rVB5	4110	6527	1.11%	0.110%
6	2.111	319	333	351	rBV2	186991	306889	52.36%	5.192%
7	2.349	383	407	417	rBV6	9954	28940	4.94%	0.490%
8	2.506	448	456	472	rVB	8366	14999	2.56%	0.254%
9	2.767	523	537	552	rBV3	7802	16090	2.75%	0.272%
10	3.188	650	668	691	rBV	96821	207445	35.39%	3.509%
11	3.889	872	886	927	rBV	45869	152940	26.09%	2.587%
12	4.346	1013	1028	1060	rBV	101355	258902	44.17%	4.380%
13	4.609	1096	1110	1127	rBV5	10656	26795	4.57%	0.453%
14	5.047	1227	1246	1272	rBV2	236237	586095	100.00%	9.915%
15	5.616	1412	1423	1445	rBV	149692	305177	52.07%	5.163%
16	5.918	1504	1517	1537	rBV6	19630	42684	7.28%	0.722%
17	6.066	1544	1563	1588	rBV	128435	263949	45.04%	4.465%
18	6.291	1622	1633	1656	rBV3	15102	34760	5.93%	0.588%
19	6.985	1838	1849	1874	rBV	55279	104136	17.77%	1.762%
20	7.313	1937	1951	1970	rBV	297105	522181	89.09%	8.834%
21	7.622	2038	2047	2067	rBV2	28977	53363	9.10%	0.903%
22	7.976	2147	2157	2172	rVB2	34062	58767	10.03%	0.994%
23	8.085	2182	2191	2228	rBV	203623	393719	67.18%	6.661%
24	8.236	2228	2238	2265	rVV	162963	278626	47.54%	4.714%
25	8.850	2417	2429	2452	rBV	224515	368902	62.94%	6.241%
26	9.808	2715	2727	2745	rBV2	40314	68148	11.63%	1.153%
27	10.214	2842	2853	2865	rBV	80906	126948	21.66%	2.148%
28	10.718	3000	3010	3018	rBV	20167	28151	4.80%	0.476%
29	10.760	3018	3023	3037	rVB6	5492	10264	1.75%	0.174%
30	10.857	3044	3053	3064	rBV3	5559	9599	1.64%	0.162%
31	10.914	3064	3071	3080	rVB5	3982	5961	1.02%	0.101%
32	11.146	3133	3143	3164	rBV3	118911	191118	32.61%	3.233%
33	11.246	3164	3174	3192	rVB	248007	381916	65.16%	6.461%
34	11.622	3280	3291	3314	rBV	263541	410344	70.01%	6.942%
35	12.011	3403	3412	3425	rBV6	5322	9574	1.63%	0.162%
36	12.249	3475	3486	3495	rBV	4451	7058	1.20%	0.119%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032422\
Data File : VV025150.D
Acq On : 24 Mar 2022 14:53
Operator : SY/MD
Sample : N2044-11
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY34

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\SFAMVTR031522WMA.M
Title : TRACE VOA SFAM1.0

37	12.342	3504	3515	3540	rBV	208007	319327	54.48%	5.402%
38	14.175	4075	4085	4103	rBV2	47341	75524	12.89%	1.278%
39	15.146	4380	4387	4395	rBV6	6940	9503	1.62%	0.161%

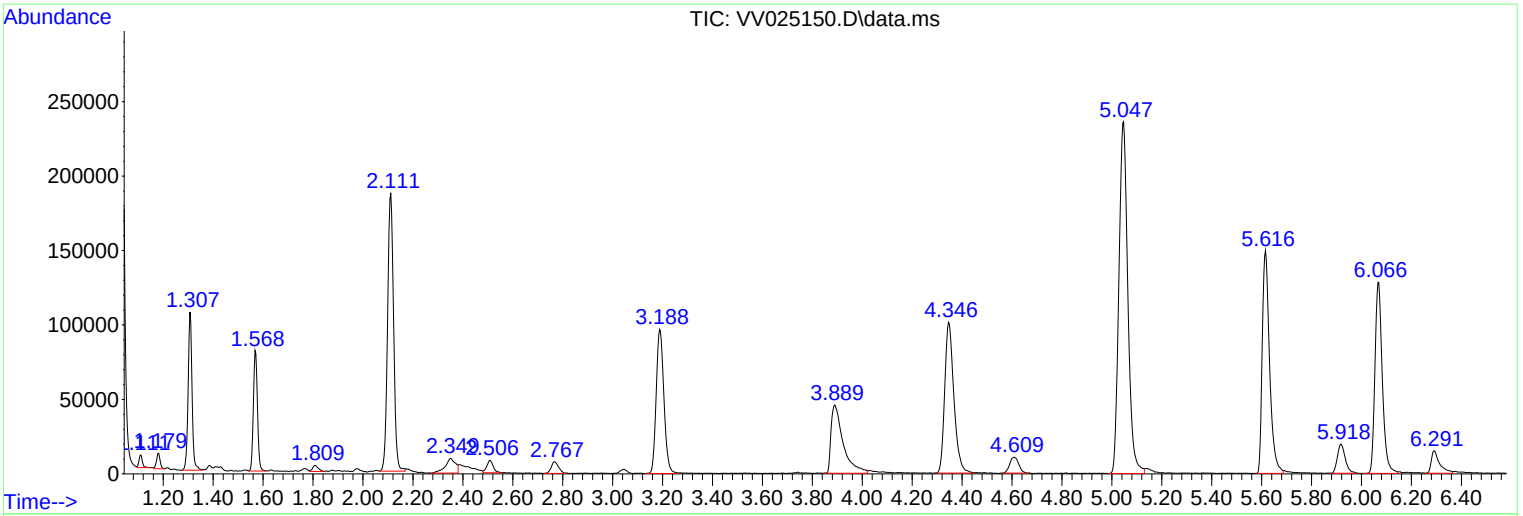
Sum of corrected areas: 5911105

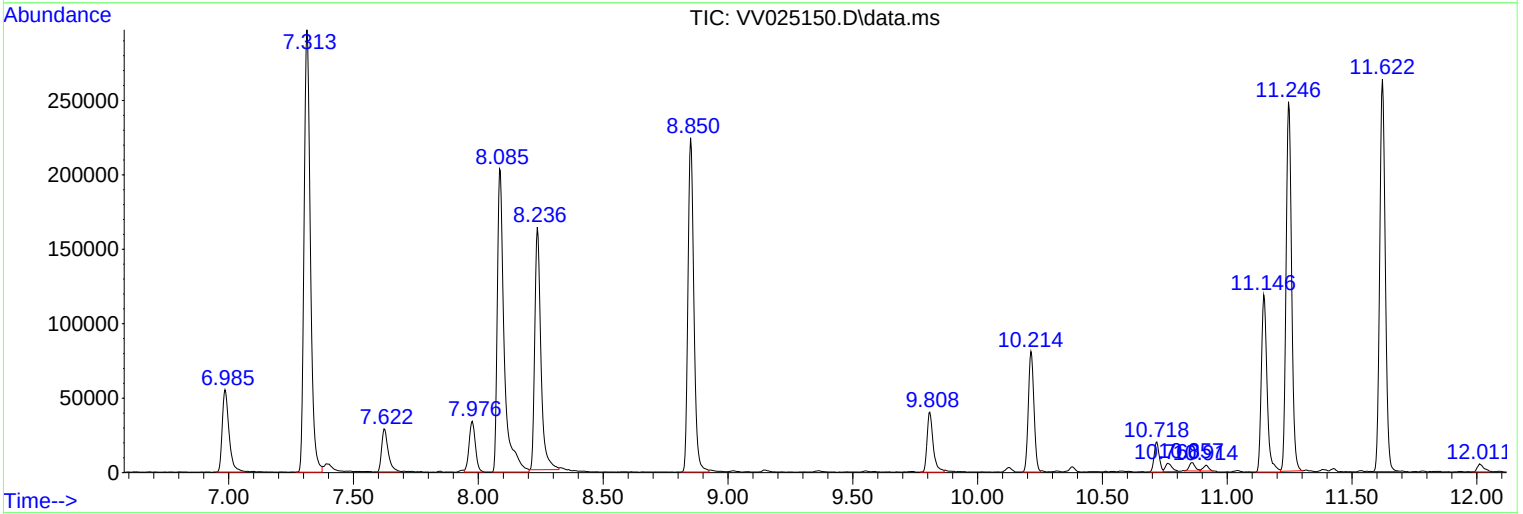
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032422\
Data File : VV025150.D
Acq On : 24 Mar 2022 14:53
Operator : SY/MD
Sample : N2044-11
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

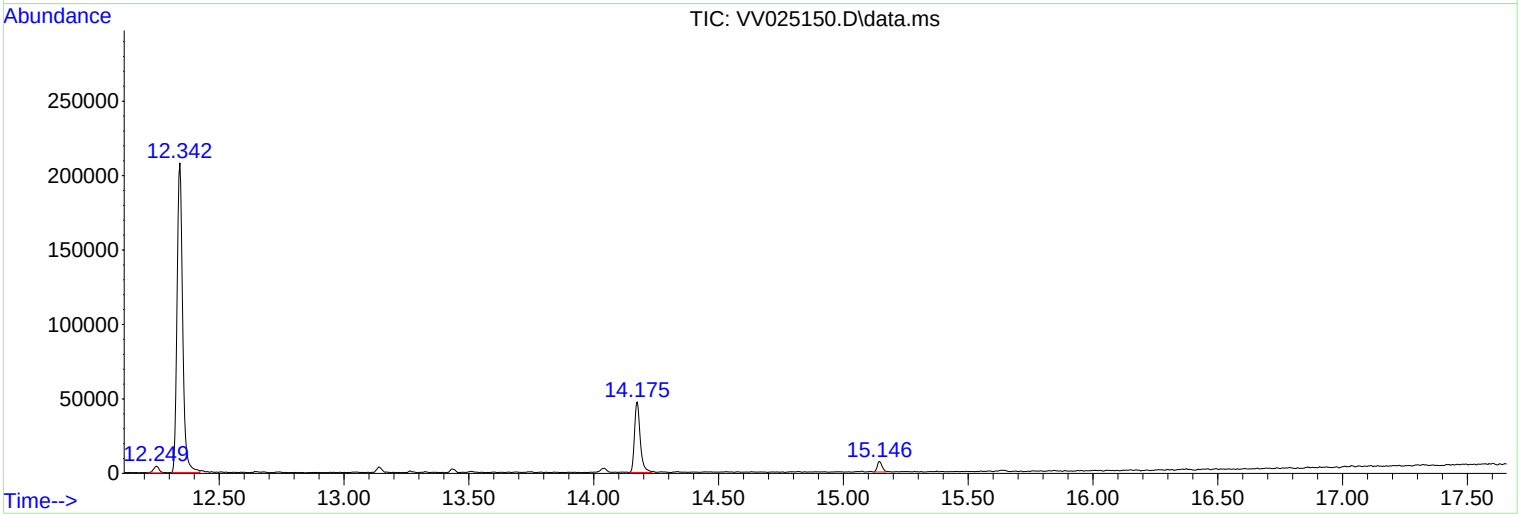
Instrument :
MSVOA_V
ClientSampleId :
BFY34

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.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\VV032422\
Data File : VV025150.D
Acq On : 24 Mar 2022 14:53
Operator : SY/MD
Sample : N2044-11
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY34

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

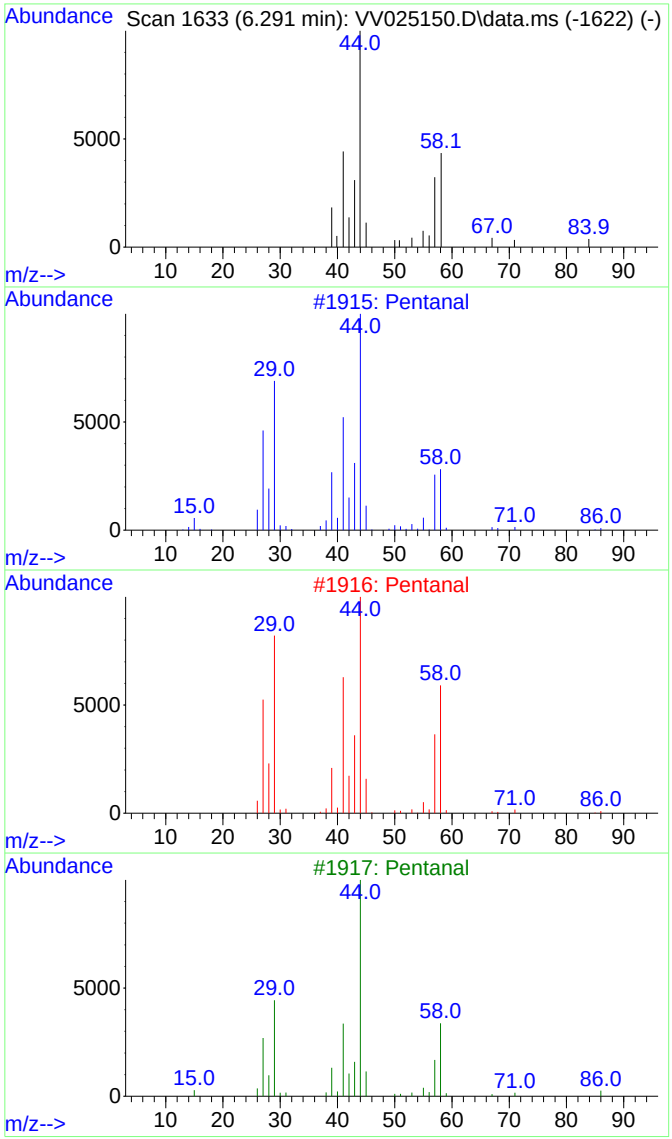
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

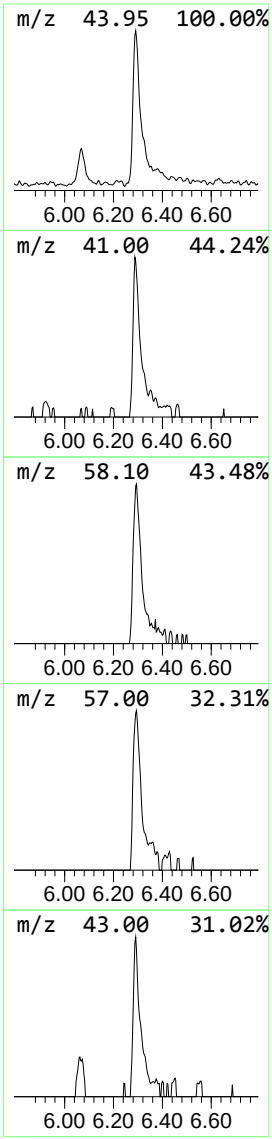
****

Peak Number 1 Pentanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.291	0.57 ug/L	34760	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	72
2	Pentanal	86	C5H10O	000110-62-3	72
3	Pentanal	86	C5H10O	000110-62-3	64
4	Acetamide, 2-cyano-	84	C3H4N2O	000107-91-5	9
5	Hexanal	100	C6H12O	000066-25-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032422\
Data File : VV025150.D
Acq On : 24 Mar 2022 14:53
Operator : SY/MD
Sample : N2044-11
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY34

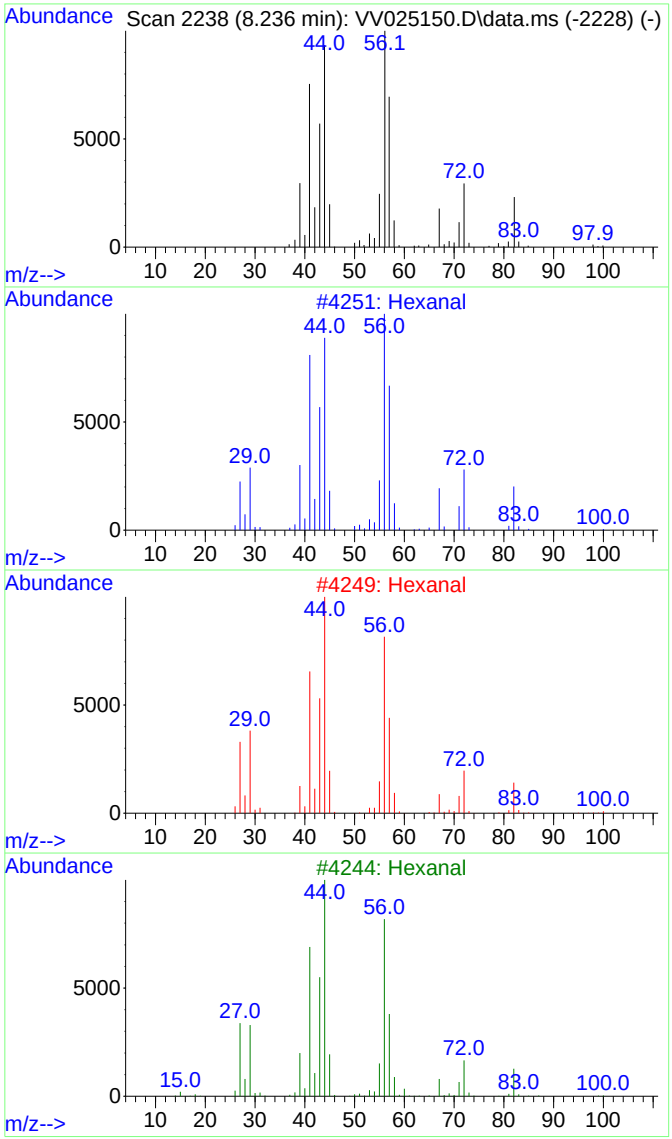
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

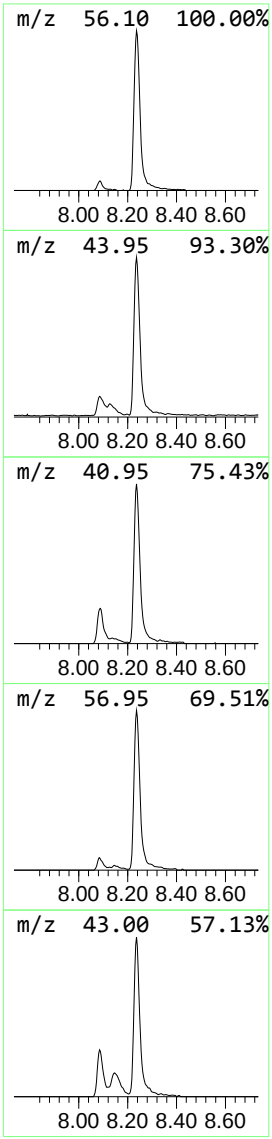
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.236	3.78 ug/L	278626	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	96
2	Hexanal	100	C6H12O	000066-25-1	91
3	Hexanal	100	C6H12O	000066-25-1	91
4	Hexanal	100	C6H12O	000066-25-1	90
5	Hexanal	100	C6H12O	000066-25-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032422\
Data File : VV025150.D
Acq On : 24 Mar 2022 14:53
Operator : SY/MD
Sample : N2044-11
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY34

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

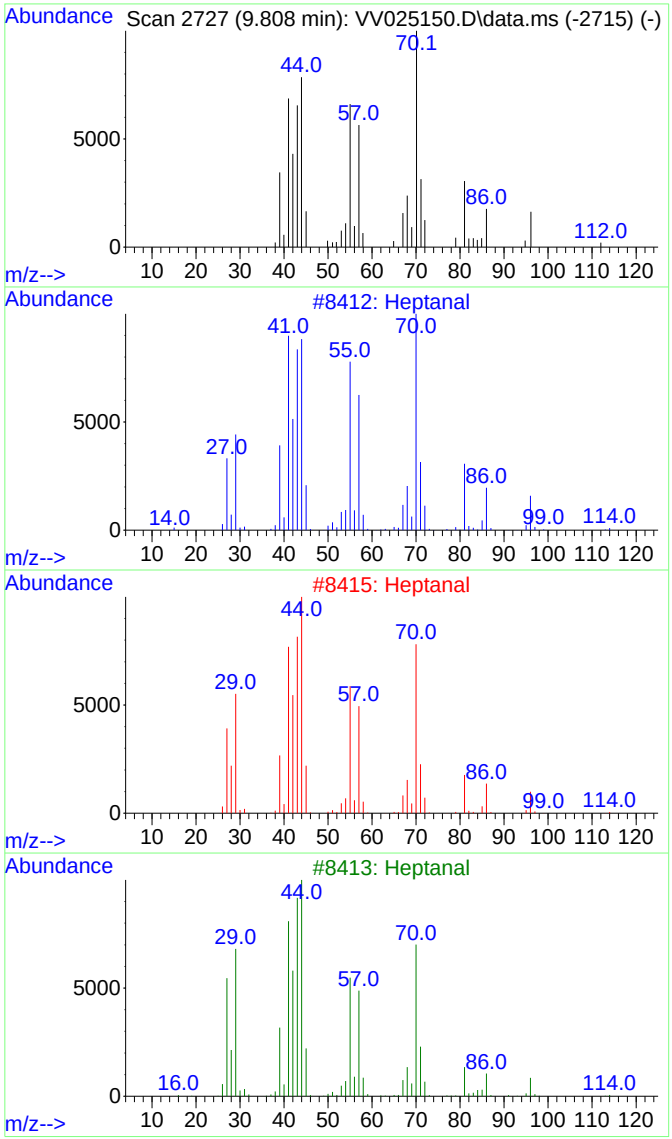
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

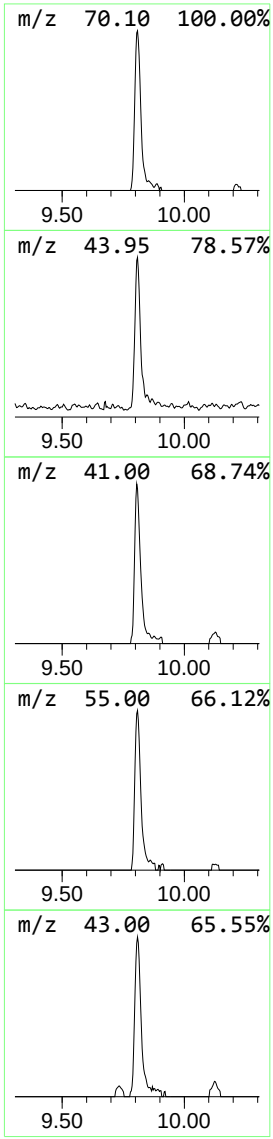
****

Peak Number 4 Heptanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.808	0.92 ug/L	68148	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	91
2	Heptanal	114	C7H14O	000111-71-7	83
3	Heptanal	114	C7H14O	000111-71-7	83
4	Heptanal	114	C7H14O	000111-71-7	83
5	Heptanal	114	C7H14O	000111-71-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032422\
Data File : VV025150.D
Acq On : 24 Mar 2022 14:53
Operator : SY/MD
Sample : N2044-11
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY34

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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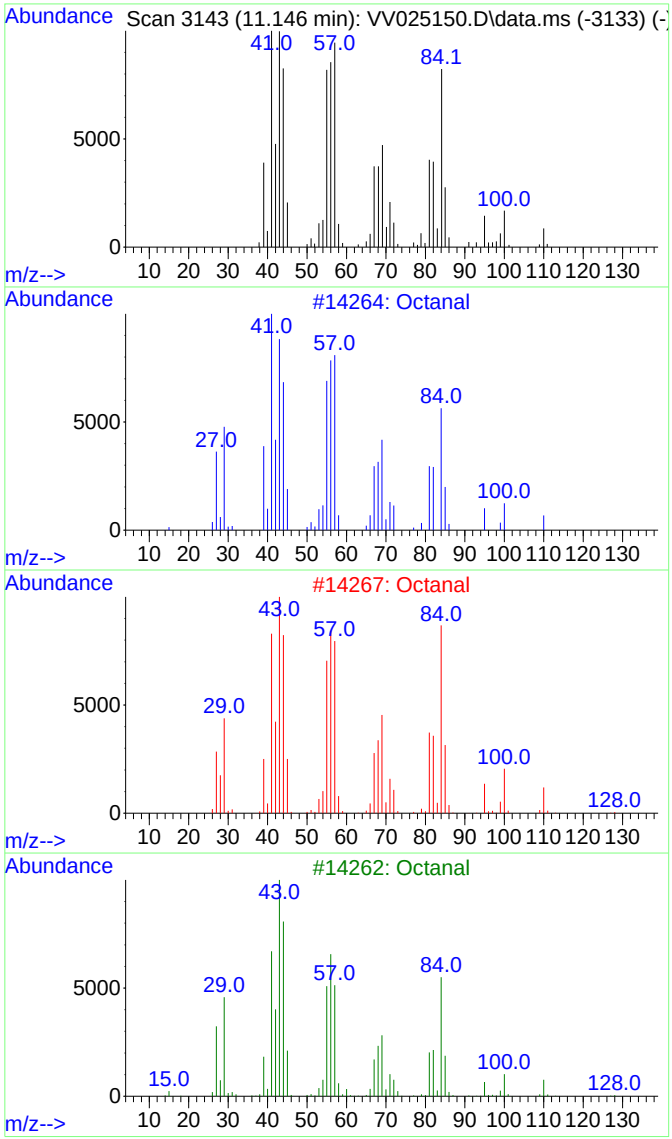
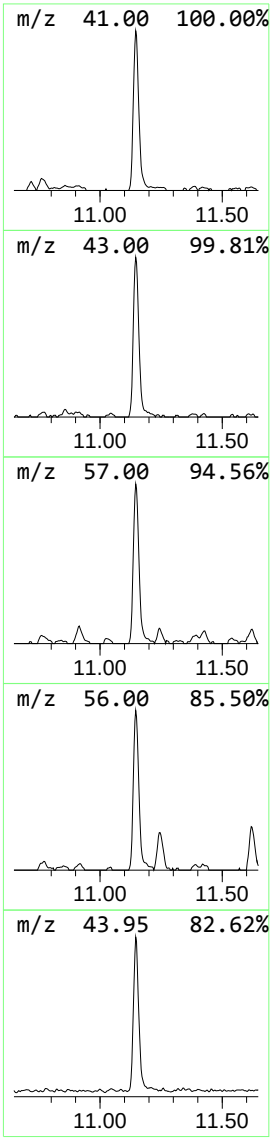
Peak Number 5 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	2.50 ug/L	191118	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Octanal	128	C8H16O	000124-13-0	90
3	Octanal	128	C8H16O	000124-13-0	90
4	Octanal	128	C8H16O	000124-13-0	78
5	2-Amino-oxazole	84	C3H4N2O	004570-45-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032422\
Data File : VV025150.D
Acq On : 24 Mar 2022 14:53
Operator : SY/MD
Sample : N2044-11
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY34

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

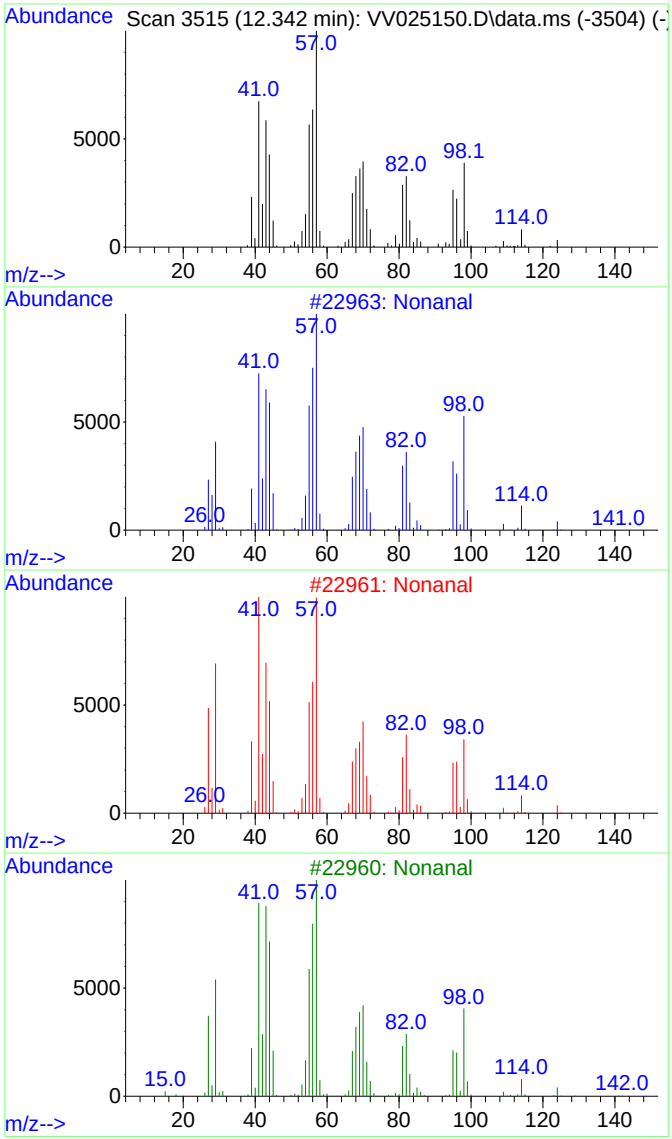
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

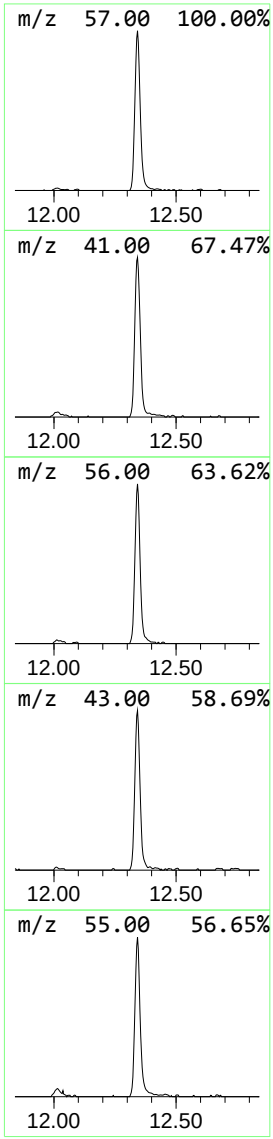
****

Peak Number 6 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	4.18 ug/L	319327	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	Nonanal	142	C9H18O	000124-19-6	90
3	Nonanal	142	C9H18O	000124-19-6	90
4	Nonanal	142	C9H18O	000124-19-6	86
5	Heptane, 2-chloro-	134	C7H15Cl	001001-89-4	35





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Data File : VV025150.D
Acq On : 24 Mar 2022 14:53
Operator : SY/MD
Sample : N2044-11
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY34

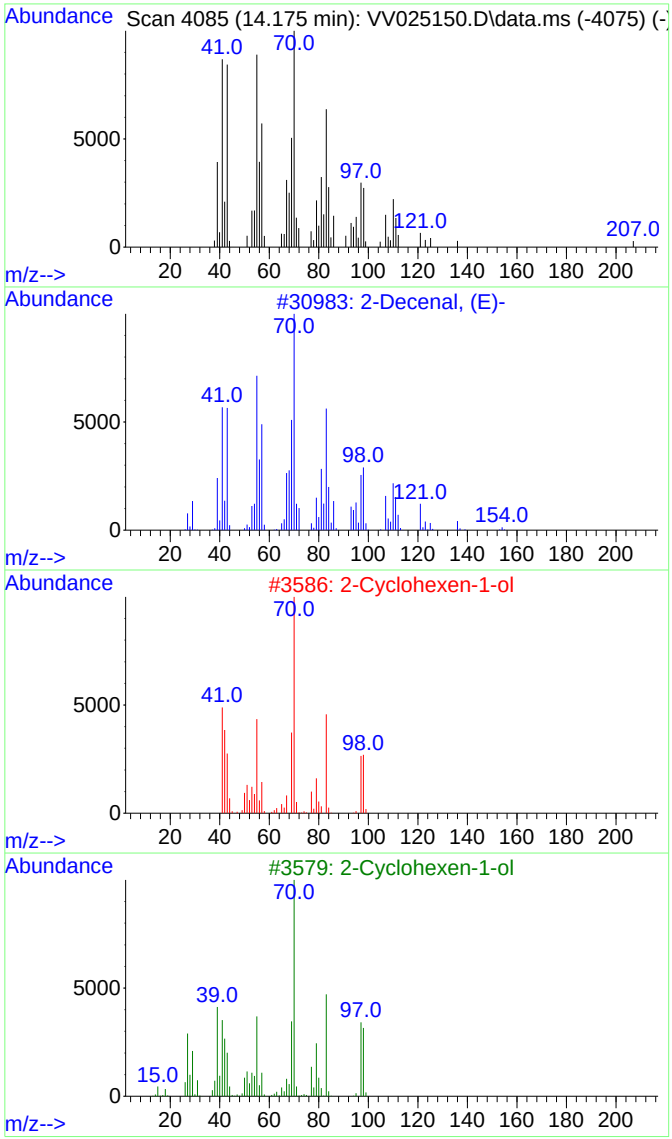
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

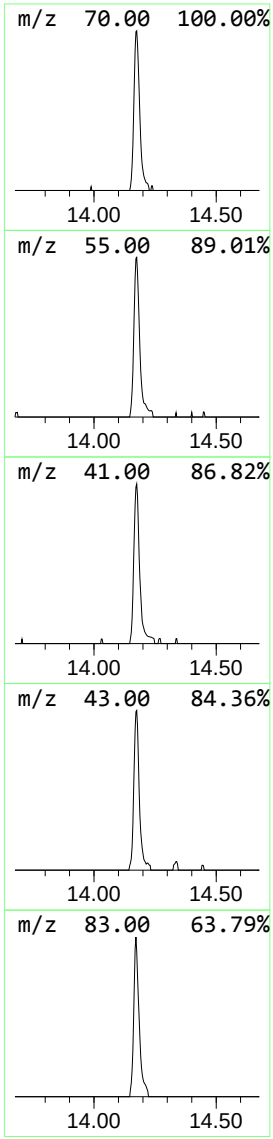
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Decenal, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.175	0.99 ug/L	75524	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decenal, (E)-	154	C10H18O	003913-81-3	74
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	53
3	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	50
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	46
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032422\
Data File : VV025150.D
Acq On : 24 Mar 2022 14:53
Operator : SY/MD
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY34

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.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
Pentanal	6.291	0.6	ug/L	34760	1	5.616	305177	5.0
Hexanal	8.236	3.8	ug/L	278626	2	8.850	368902	5.0
Heptanal	9.808	0.9	ug/L	68148	2	8.850	368902	5.0
Octanal	11.146	2.5	ug/L	191118	3	11.246	381916	5.0
Nonanal	12.342	4.2	ug/L	319327	3	11.246	381916	5.0
2-Decenal, (E)-	14.175	1.0	ug/L	75524	3	11.246	381916	5.0